

# DAYLIGHT & SUNLIGHT REPORT

PLOTS 4 AND 5, CENTRAL SQUARE,  
CITY CENTRE, CARDIFF

AUGUST 2025  
DL REF: 200



DEVELOPMENT  
& LIGHT

# CONTENTS

## CONTENTS

1	Executive Summary	3
2	Introduction	4
3	Planning Overview	8
4	Methodology	9
5	Assessment Results - Daylight and Sunlight to Neighbours	15
6	Assessment Results – Overshadowing to Neighbours	21
7	Assessment Results - Internal Daylight & Sunlight Amenity	23
8	References	25

### Appendices

#### Appendix A - Drawings of Analytical Model

#### Appendix B - Daylight & Sunlight Analysis – Neighbouring Properties

#### Appendix C - Overshadowing Analysis

#### Appendix D - Daylight & Sunlight Analysis – Internal Amenity

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# 1 EXECUTIVE SUMMARY

- 1.1 Development & Light LLP (DL) have undertaken a quantitative assessment of the Daylight & Sunlight effect to the surrounding properties with regard to the development proposals for Plots 4 and 5, Central Square, in Cardiff. DL have also undertaken an assessment of the internal Daylight & Sunlight amenity for the proposed new residential units and public amenity area.
- 1.2 The Site benefits from an extant planning permission, ref 21/02984/MJR and referred to as 'the Consented Scheme'. Therefore, as per the recommendations in Appendix F of the BRE Guidelines, an alternative scenario of Daylight & Sunlight analysis has also been undertaken comparing the effect of the Proposed Development against that of the Consented Scheme.
- 1.3 When considering the typical BRE methodology, measuring the change incurred by the Proposed Development from the Baseline Situation, 99% (999 out of 1,001) of surrounding windows assessed meet the typical BRE Guidelines recommendations for VSC; 100% (694 out of 694) rooms meet the typical BRE recommendations for NSL; and 97% (257 out of 265) of windows relevant for Sunlight assessment meet the typical BRE Guidelines for APSH. The retained absolute levels of Daylight & Sunlight with the Proposed Development in place are also typically very similar to those of the Consented Scheme.
- 1.4 The only property where any effects are recorded that go beyond the typical BRE recommendations is the Interchange building on Central Square. The typical Daylight effect on this property is comfortably in accordance with the BRE recommendations and of a negligible extent, but there is an isolated effect to one room that extends marginally outside of the usual recommendations by 1%. This is clearly a very minor infraction of a nature that is common to any urban environment and readily within the flexible application that the BRE recommends for such contexts. In Sunlight terms, the eight windows affected all relate to bedrooms, which the BRE expressly recognises as less important; and so these effects should not be considered sensitively or detract from an otherwise fully compliant Sunlight position for all main habitable rooms.
- 1.5 Overall, we consider the Daylight effect of the Proposed Development on surrounding properties to be predominantly negligible in nature, with one isolated minor effect; and the Sunlight effect to be negligible.
- 1.6 Any Overshadowing effects to surrounding open spaces from the Proposed Development adhere to the BRE recommendations and thus are considered to be negligible. The effects are also shown to not be materially different from those of the Consented Scheme.
- 1.7 In relation to internal Daylight amenity for the proposed new residential units, between 82% and 97% of rooms tested achieve the suggested targets, depending on the type of internal finishing employed. Both are good levels of compliance for an urban setting of this type and the areas of shortfall are mainly limited to rooms with a northern outlook, which have inherently more limited Daylight potential due to their orientation. We see no reason why a mix of internal finishings from the two options tested cannot be employed, whilst still preserving the higher 97% compliance rate, provided an informed approach is adopted using the analysis undertaken. Such a rate of compliance with the BRE standards is high for a dense urban context of this type.
- 1.8 Given the constraints imposed by the orientation of the Site and the urban context, it is inevitable that those rooms facing north will not meet the BRE recommended Sunlight thresholds. Such a position is not unusual in any dense locality with more complex and extensive design limitations, where in practice prospective residents attribute less value to Sunlight amenity. Overall, 53% of the rooms meet the recommendations, with almost all of these recording either the medium or high recommended levels.
- 1.9 Whilst the proposed public amenity area falls short of the BRE suggested target for Sunlight availability in March, such a position is not unusual in city centre contexts with larger surrounding buildings. However, the June analysis shows that there will be plentiful Sunlight potential during the summer months to the new space, which is when it is most likely to be actively used and enjoyed.

## 2 INTRODUCTION

- 2.1 This report has been prepared by Development & Light LLP (DL) in support of the detailed planning application being submitted by REAP 3 Limited ('the Applicant') to Cardiff Council ('the Council') in support of a full planning application for the development of Plots 4 and 5, Central Square, City Centre, Cardiff ('the site').
- 2.2 This application seeks full planning permission for the following description of development:

*"Mixed-use development to provide residential accommodation, flexible non-residential uses, cycle parking, landscaping and other associated works"*

- 2.3 The site sits at the heart of the wider 'Central Square' regeneration area in Cardiff City Centre. Central Square is a strategically important area which the Council consider to be a gateway to the City, and an opportunity to showcase the best that Cardiff has to offer. Given the strategic importance of the location, the Council envisage that the regeneration of Central Square, towards which this development will contribute significantly, will play a key role in attracting investment on other strategically important development sites in the City.
- 2.4 The proposed development provides the opportunity to make a significant positive contribution to the ongoing regeneration of this part of the Cardiff. The proposed development will build upon the success of the wider Central Square area, proposing a development of exceptional architectural and residential quality. The Applicant is fully committed to the delivery of the site, and it is their ambition to create a new iconic landmark for Cardiff and Wales.
- 2.5 As well as the delivery of much needed high-quality homes to address the Council's housing need, the proposed development brings with it a wide range of enhanced planning and public benefits. The benefits include the delivery of a strategically important City Centre site, new flexible non-residential floorspace that will activate Central Square, a publicly accessible bike hub and cafe, a new pavilion building that can accommodate a restaurant, extensive public realm landscaping in and around the buildings, highly sustainable and energy efficient buildings, and other significant economic and social benefits for the City.
- 2.6 This report assesses the Daylight & Sunlight, including Overshadowing, effects of the development proposals on the surrounding sensitive receptors; and also the internal Daylight & Sunlight amenity within the proposed new accommodation and amenity areas.

### Site Context

- 2.7 The site is bound by Wood Street to the south, Scott Road to the west, Park Street Lane to the north-west, and a public square to the east. It sits within the Cardiff Central Square Masterplan area. Within this context, significant development has led to the transformation of the area in and around Cardiff Central Station. The prevailing building heights range between 7 to 25 storeys, which includes buildings of a variety of land uses and architectural styles.
- 2.8 Whilst the Site is currently vacant of any massing as a precursor to further development, it was historically occupied by St Davids House for several decades, entailing buildings of up to six storeys in height, until its demolition in 2018. The former six-storey massing still represents the appropriate baseline condition for consideration of Daylight & Sunlight analysis, as this represents the typical historic massing context of this locality, rather than the temporary cleared site. The former six-storey massing is coloured in green on drawings 200/01-03 in Appendix A.



Figure 01 – Site with former massing (in green)

- 2.9 The buildings immediately surrounding the Site are in generally in commercial or retail use, with the Principality Stadium also close by. The nearest residential property is the 23-storey Interchange building to the south-east on the opposite side of Wood Street, which contains residential accommodation from second floor upwards.
- 2.10 The Site currently benefits from full planning permission for the following development (Ref: 21/02984/MJR), which was granted by the Council on 2<sup>nd</sup> May 2024:

*‘Full planning application for a mixed-use building providing commercial uses at ground floor/mezzanine level (Use Classes A1/A2/A3/B1/D1/D2) and residential accommodation above (Use Class C3 and including non C3 Use Class residential), a pavilion (Use Classes A1/A2/A3), public realm, cycle parking, access, drainage and other infrastructure works required for the delivery of Central Square Plots 4 and 5.’*

- 2.11 The approved application ref 21/02984/MJR is hereafter referred to as ‘the Consented Scheme’.
- 2.12 As the Site has an extant approved application, this provides a clear and relevant alternative benchmark against which to compare the Daylight & Sunlight effect of the development proposals on any surrounding sensitive receptors. This approach is endorsed by the BRE Guidelines in Appendix F, where it states:

*‘Sometimes there may be an extant planning permission for a site but the developer wants to change the design. In assessing the loss of light to existing windows nearby, a local authority may allow the vertical sky component (VSC) and annual probable sunlight hours (APSH) for the permitted scheme to be used as alternative benchmarks. However, since the permitted scheme only exists on paper, it would be inappropriate for it to be treated in the same way as an existing building, and for the developer to set 0.8 times the values of the permitted scheme as benchmarks.’<sup>1</sup>*

- 2.13 Accordingly, a further scenario of Daylight & Sunlight analysis has been undertaken comparing any change in Daylight & Sunlight amenity from the development proposals against the Consented Scheme. Our understanding of the Consented Scheme is shown in orange on drawings 200/07-09 in Appendix A and in Figure 02 below.

<sup>1</sup> Building Research Establishment, ‘Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice’, Third Edition, 2022, para F2, p.85

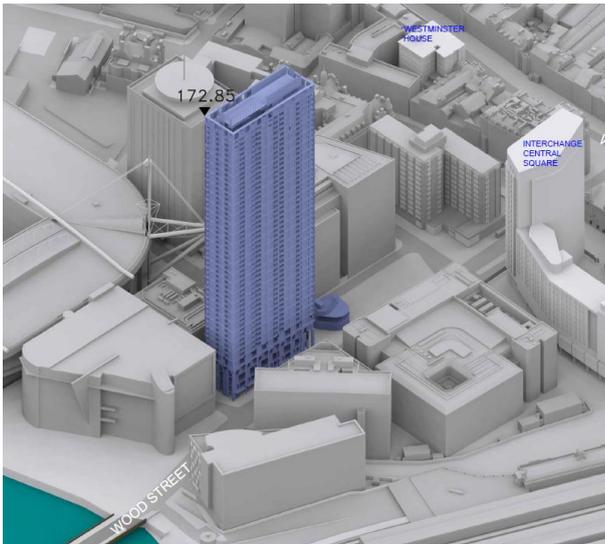


Figure 02 – Consented Scheme

- 2.14 To ensure a comprehensive approach, Daylight & Sunlight analysis has been undertaken under two scenarios. The 'Base Scenario' considers the Daylight & Sunlight effects to the surrounding properties by comparison against the Site with the former St Davids House in place. The 'Alternate Scenario' considers the Daylight & Sunlight effects to the surrounding properties by comparison to the Consented Scheme.

#### Development Proposals

- 2.15 The development proposals are for a mixed-use development to residential accommodation, flexible non-residential uses, cycle parking, landscaping and other associated works. In particular, this will entail the following components:
- A landmark 50 storey building with a maximum height of up to 177.85m AOD.
  - 528 new homes (Class C3) comprising a mix of 1-bed and 2-beds.
  - A pavilion building within Central Square comprising up to 601sqm of flexible non-residential floorspace (flexible Class A1 and A3).
  - 2,856.5sqm of high quality internal and external amenity space through provision of roof terraces, lounges, coworking, gym and other wellbeing spaces.
  - A basement level providing ancillary residential floorspace.
  - A car free development with 528 cycle parking spaces within proposed building, including 5% accessible spaces, and a publicly accessible bike hub and café. Additionally, 52 public cycle spaces are provided within adjacent square provided as Sheffield stands.
- 2.16 The massing of the development proposals is shown in blue on drawings 200/04-06 in Appendix A and in Figure 03 below. Hereafter, this will be referred to as 'the Proposed Development'.



**Figure 03 – Proposed Development**

- 2.17 The technical analysis of the Daylight & Sunlight effects of the Proposed Development has been undertaken via the creation of a digital three-dimensional model of the Site and surroundings. The key source data used to create the analytical model is also listed on drawings 200/01-09 in Appendix A.
- 2.18 By necessity, assumptions are also made within the analytical model of the internal floor levels and internal window reveal details in each property. Our assumptions are based upon external observations, industry practices and any other relevant information that is available.

## 3 PLANNING OVERVIEW

### Guidance

#### BR209 - Building Research Establishment Guidelines: Site Layout Planning for Daylight and Sunlight 2022, A Guide to Good Practice, Third Edition

- 3.1 The *Site Layout Planning for Daylight and Sunlight* (“BRE Guidelines”) provide advice on site layout planning to achieve good sunlighting and daylighting within buildings, and in the open spaces between them. It is intended for building designers, developers, consultants, and Local Planning Authorities (LPAs). It is intended to be used in conjunction with the British Standard Daylight in buildings, BS EN 17037 (Ref 1.2) and CIBSE publication LG 10 Daylighting – a guide for designers (Ref 1.3).
- 3.2 The advice it gives is not mandatory and should not be used as an instrument of planning policy. It states:  
*“This report is a comprehensive revision of the 2011 edition of Site layout planning for daylight and sunlight: a guide to good practice. It is purely advisory and the numerical target values within it may be varied to meet the needs of the development and its location. Appendix F explains how this can be done in a logical way, while retaining consistency with the British Standard recommendations on interior daylighting.”<sup>2</sup>*
- 3.3 The BRE Guidelines are not mandatory, though local planning authorities and planning inspectors will consider the suitability of a proposed scheme for a site within the context of BRE guidance. Consideration will be given to the urban context within which a scheme is located, and Daylight and Sunlight will be one of several planning considerations which the local authority will weigh.
- 3.4 The levels of Daylight which a window can receive are generally linked to the density of the area. For example, in a town centre, where the density of development is high, much lower levels of daylight are to be expected than a lower density settlement, such as the outskirts of a town. The density required to generally achieve the BRE’s typical Daylight target (27%) is akin to a suburban area. This is not, therefore, considered to be an appropriate ‘criterion’ for a dense city centre location where there is inherently a lower expectation for Daylight and Sunlight amenity than in less developed or suburban areas. As referenced above, Appendix F of the BRE Guidelines offers some advice on setting alternative benchmarks for the VSC Daylight and APSH Sunlight assessments to respond to different density contexts.

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<sup>2</sup> Building Research Establishment, *Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice*, Third Edition, 2022, p.4

## 4 METHODOLOGY

- 4.1 It is correct to assess daylight and sunlight in relation to the BRE guidelines. This document is most widely accepted by planning authorities as how to judge the acceptability of a scheme. The assessment methodology recommended by the BRE Guidelines differs between the assessment of effects from development proposals on surrounding properties; and the assessment of the levels of internal Daylight or Sunlight amenity that will be available to any proposed new residential units within the development proposals.

### Daylight and Sunlight Effects to Surrounding Properties

- 4.2 The BRE Guidelines advise that Daylight and Sunlight effects should be considered sensitively primarily in relation to surrounding residential accommodation, or other buildings which are considered to have a reasonable expectation of Daylight or Sunlight amenity. Non-habitable space, such as corridors and bathrooms or toilets, are not considered sensitively within Daylight and Sunlight assessments.
- 4.3 To determine whether the Daylight to a neighbouring existing building may be adversely affected, the initial test provided by the BRE is to establish if any part of the development subtends an angle of more than 25°, when measured in a section perpendicular to the main window wall in an existing building, taken from the centre of the lowest window. If this is the case then there may be an adverse effect, and more detailed calculations are required to quantify the extent of any impact.
- 4.4 The BRE also recommends a further Daylight scoping test for windows perpendicular to extensions adjoining the front or rear of properties. This entails drawing a 45° plane in both elevation and plan from the end of the adjoining extension. If the centre of the window falls on the extension side of both these planes, then the Daylight potential may be adversely affected and further quantitative calculations should be undertaken.
- 4.5 For Sunlight, the BRE suggests a similar 25° scoping test is applied where developments sit within 90° of due south of a main window wall in an existing building. As with the Daylight 25° test, a section should be taken perpendicular to the window wall, ideally focusing on the lowest window in a main living room. If any part of the development subtends an angle of more than 25° from this section then the Sunlight potential may be adversely affected and more detailed calculations should be undertaken.
- 4.6 Where more detailed calculations are required, a digital analytical model of the Site and surrounding properties is created to facilitate the process. Using specialist software that follows the methodology set out in the BRE Guidelines, the baseline levels of Daylight and Sunlight for each relevant window, room and amenity space ('the Baseline Situation') are quantified and then compared to those with the Proposed Development in place ('the Proposed Situation'). In this case, the Baseline Situation is depicted on drawings 200/01-03 in Appendix A; and the Proposed Situation is shown on drawings 200/04-06 in Appendix A.
- 4.7 The BRE Guidelines provide two principal quantitative measures of Daylight for assessing the impact on properties neighbouring a site, namely Vertical Sky Component (VSC) and No Sky Line (NSL).
- 4.8 In terms of Sunlight amenity to windows in surrounding properties, the appropriate quantitative methodology is the Annual Probable Sunlight Hours (APSH); and in relation to Sunlight amenity to gardens and open spaces, the appropriate quantitative two-hour Sunlight test is otherwise known as the Sun-on-Ground (SOG) methodology.

- 4.9 The Daylight and Sunlight methodologies set out in the BRE Guidelines are generally two-stage tests, involving either achieving absolute target values or limiting relative change to within an acceptable margin. However, it is common for both the absolute levels of Daylight and Sunlight and also the relative change between the two scenarios in the assessment to be expressed in percentage units, which can lead to confusion. Therefore, for ease of interpretation in this Proof, we avoid reference to absolute levels of Daylight and Sunlight using percentage units and instead we express them as simplistic units of the relevant methodology – i.e. 27 VSC (rather than 27% VSC) or 25 APSH (rather than 25% APSH).

## Daylight

### Vertical Sky Component (VSC)

- 4.10 VSC is a measure of the direct skylight reaching a point from an overcast sky. It is the ratio of the illuminance at a point on a given vertical plane to the illuminance at a point on a horizontal plane due to an unobstructed sky.
- 4.11 For existing dwellings, the BRE Guidelines methodology is based on the loss of VSC at a point at the centre of a window, on the outer plane of the wall.
- 4.12 The BRE Guidelines state that if the absolute retained value of VSC at the centre of a window is less than 27 VSC, and it is also less than 0.8 times its former value (i.e. the proportional reduction is greater than 20%), then the reduction in skylight will be noticeable, and the existing dwelling may be adversely affected.
- 4.13 The BRE advises that the VSC assessment should focus on the main window serving each room; and in instances where a room has two or more windows of equal size a mean reading of the VSC across the windows may be taken (para 2.2.6).
- 4.14 Where there is a significant loss of light to a main window in a room that is also served by other smaller windows, the BRE advises that an aggregate VSC result for the whole room, which is weighted in accordance with the area of glazing serving each window, can also be taken (para 2.2.8).

### No-Sky-Line (NSL)

- 4.15 NSL is a measure of the distribution of Daylight within a room. It maps out the region within a room where light can penetrate directly from the sky, and therefore accounts for the size of and number of windows by simple geometry.
- 4.16 Where room layouts are known (for example if they are available on the local authority's planning portal), the impact on the Daylighting distribution in the existing building should be found by plotting the no sky line in each of the main rooms. For houses this would include living rooms, dining rooms, and kitchens; bedrooms should also be analysed although they are less important (para 2.2.10).
- 4.17 The BRE advise that if the working plane within a room that can receive direct skylight is reduced to less than 0.8 times its former value (i.e. the proportional reduction in area should not be greater than 20%), then the effect will be noticeable to the occupants and more of the room will appear poorly lit.
- 4.18 If an existing building contains rooms lit from one side only and greater than 5m deep, then the BRE Guidelines advise that a greater movement of the no-sky-line may be unavoidable.

### Balconies

- 4.19 The BRE Guidelines acknowledge that existing windows with balconies above them typically receive less daylight:

*"...Existing windows with balconies above them typically receive less daylight. Because the balcony cuts out light from the top part of the sky, even a modest obstruction opposite may result in a large relative impact on the VSC, and on the area receiving direct skylight. One way to demonstrate this would be to carry out an additional calculation of the VSC and area receiving direct skylight, for both the existing and proposed situations, without the balcony in place. For example, if the proposed VSC with the balcony*

*was under 0.80 times the existing value with the balcony, but the same ratio for the values without the balcony was well over 0.8, this would show that the presence of the balcony, rather than the size of the new obstruction, was the main factor in the relative loss of light”<sup>3</sup>*

## Sunlight

### Annual Probable Sunlight Hours (APSH)

- 4.20 APSH is a measure of the Sunlight availability to a window. Unlike the Daylight assessments, the APSH methodology is sensitive to the orientation of windows, as it focuses on those that face within 90° of due south.
- 4.21 The APSH assessment is also primarily focused on living rooms and conservatories, whereas kitchens and bedrooms are identified as being less important and normally need not be analysed for Sunlight (para 3.2.3). However, for the avoidance of doubt all habitable rooms containing windows with an orientation relevant for assessment have been analysed for the purposes of this report.
- 4.22 The BRE Guidelines suggest that the absolute APSH received at a given window in the Proposed Situation should ideally be at least 25% (i.e. 25 APSH) of the total available annually, including at least 5% (i.e. 5 APSH) in winter. The BRE Guidelines advise that where these absolute thresholds are achieved the room should still receive enough Sunlight.
- 4.23 The BRE Guidelines state there may be an adverse effect on the Sunlight potential to a neighbouring dwelling if the absolute values fall short of these targets, the retained APSH levels are less than 0.8 times the previous APSH value in each period (i.e. the proportional reductions are greater than 20%), and the absolute annual loss of APSH is greater than 4 APSH overall.
- 4.24 The APSH figures are calculated for each individual window relevant for assessment. Where a room is served by more than one window, but the windows are in opposite walls, it can be relevant to account for the Sunlight contribution of each window in the overall figures for the room; however this process is only relevant where it avoids double-counting of the Sunlight potential through multiple windows. Otherwise, for rooms with multiple windows, the BRE Guidelines recommend that reference should be made only to the results for the best sunlit window serving the room.

## Overshadowing

- 4.25 In addition to the potential Daylight and Sunlight effects to windows in surrounding properties, the BRE Guidelines also recommend that the potential change in Sunlight availability should be assessed for any open spaces surrounding the development site which have a reasonable requirement for Sunlight amenity. Ordinarily, this includes gardens (typically the main back garden of a house) and amenity areas within the vicinity of a development site that have the potential to experience overshadowing from a development.

### Sun-on-Ground (SOG)

- 4.26 SOG is a measure of the Sunlight availability to open spaces or gardens. The BRE Guidelines advise that the SOG assessment should be undertaken primarily on 21<sup>st</sup> March, being the equinox, to form a representative view of the Sunlight potential available to open spaces throughout the year (para 3.3.14).

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<sup>3</sup> Building Research Establishment, 'Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice', Third Edition, 2022, para 2.2.13, p.16

- 4.27 The typical SOG assessment recommended by the BRE Guidelines is focused purely on which areas of an open space receive over two hours of Sunlight availability on the date of assessment. The BRE recommends that for a garden or open space to appear adequately sunlit throughout the year, at least 50% of its area should receive at least two hours of Sunlight potential on 21<sup>st</sup> March. If the 50% threshold is not met, and the relative change between the Baseline Situation and the Proposed Situation is more than 20% (i.e. a ratio of less than 0.8), then the loss of Sunlight is likely to be noticeable. For proposed new amenity spaces, the BRE recommend that at least 50% of the area should receive at least two hours of Sunlight potential on 21<sup>st</sup> March.
- 4.28 The BRE Guidelines acknowledge that it can also be helpful to consider the SOG test on 21<sup>st</sup> June to gain an understanding of the Sunlight availability during the summer period; although it should be noted that the 21<sup>st</sup> June assessment is the best case of minimum shadow. For winter shadows, the 21<sup>st</sup> December represents the appropriate date for assessment, although the BRE recognises during this period it is common for large areas of ground to be in shadow due to the low angle of the sun; and this position is of course accentuated in any urban locality.

#### Transient Shadow

- 4.29 Transient Shadow is a graphical representation of the shadows cast by the existing buildings and the Proposed Development at hourly intervals throughout the day, at different times of year. The key dates used in this assessment are 21<sup>st</sup> March (equinox), 21<sup>st</sup> June (summer) and 21<sup>st</sup> December (winter).
- 4.30 The Transient Shadow assessment is a non-numerical assessment. The BRE Guidelines suggest it is used for illustrative purposes, as an additional point of reference to the SOG analysis, where larger buildings are proposed. Therefore, it should be viewed in conjunction with the numerical SOG assessment.

### Daylight within New Development

- 4.31 When it comes to assessing the quality of Daylight within new accommodation, the BRE guidelines recommends that one of two approaches are adopted:
- **Illumination Method – Spatial Daylight Autonomy (SDA)**
  - **Daylight Factor Method (DFM)**
- 4.32 For this report, the SDA method has been applied to all habitable rooms in the proposed dwellinghouses. SDA draws upon climate data and considers a window's orientation when calculating the daylighting levels within a room. As such, the test is considered the most accurate measure of natural lighting.
- 4.33 We have run our specialist MBS software to deliver the daylight and sunlight tests advocated in the BRE Guidelines.
- 4.34 The UK National Annex gives illuminance recommendations of 100 lux in bedrooms, 150 lux in living rooms and 200 lux in kitchens. These are the median illuminances, to be exceeded over at least 50% of the assessment points in the room for at least half of the Daylight hours. The BRE Guidelines advise that where rooms have shared uses generally the highest median lux target should apply, but that local authorities have discretion in this regard. For example, in living/kitchen/dining rooms (LKDs), it can also be acceptable to use the target for a living room, provided the kitchen area is still included within the assessment area.
- 4.35 The SDA test requires assessment via detailed computer modelling to simulate the illuminance at calculation points within a proposed space. The assessment is informed by climate data for the location. In this instance, we have used Typical Meteorological Years (TMY) data for the locality, obtained from Climate.OneBuilding.Org.
- 4.36 Internal and exterior surfaces and obstructions have been modelled including their appropriate surface reflectance. For internal surfaces the appropriate finishing or material has been modelled in accordance with the Design Guide provided by the project architects. Fixtures and fittings have not been included in accordance with BRE Guidelines.

- 4.37 In this instance two different options were identified in the Design Guide for the internal finishing within the proposed new apartments. One option entailed lighter coloured walls and the other entailed a darker alternative. Both options have been assessed within this report to be comprehensive. The specific internal parameters used for each design option are detailed in the relevant section of this report. The other general parameters that apply to both assessments are specified below.
- 4.38 The following external reflectance values have been applied to the model when calculating SDA:
- Exterior ground 0.4
  - Exterior walls and obstructions (generally glazed and grey) - 0.4
- 4.39 Glazing transmission factors, including maintenance factors, have been included in the SDA assessment. Frame factors have been applied based on the ratio of glass to overall window aperture area for the type of window to be used, as indicated by the detailed architectural model. In this instance the frame factors have been applied as 0.75 throughout our model.
- 4.40 The diffuse transmittance value applied to all glazing throughout the model is 0.68, which is the typical value for double glazing. A maintenance factor of 0.92 has been applied as well, which is recommended by the BRE for urban locations.
- 4.41 The calculation of illuminance (SDA) has been carried out on a grid of points on a reference plane within each room assessed. The plane has been set at 0.85m from the floor level (sometimes described as the working plane height). A band of 0.3m has been excluded from the assessment grid around the perimeter of each room in accordance with the BRE guideline's recommendations for dwellinghouses.

## Sunlight within New Development

- 4.42 In respect of Sunlight within new developments, orientation is a critical factor. The BRE Guidelines state that 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 evening in summer). East and west-facing windows will receive Sunlight only at certain times of the day. A dwelling with no main window wall within 90° of due south is likely to be perceived as insufficiently sunlit. Sensitive layout design of flats will attempt to ensure that each individual dwelling has at least one main living room which can receive a reasonable amount of Sunlight.
- 4.43 In both flats and houses, the BRE recommends that a sensible approach is to try to match internal room layout with window wall orientation. Where possible, living rooms should face the southern or western parts of the sky and kitchens towards the north or east. However this is not always possible due to site constraints, particularly in instances where there is no potential to re-orientate windows to achieve a southern aspect. Furthermore, under modern regulations there is also a balance to achieve, particularly in relation to larger buildings with multiple units, between achieving suitable Daylight and Sunlight potential and mitigating overheating, the latter of which is accentuated by larger glazed areas with a southern orientation.
- 4.44 Within urban or town centre locations there are inevitably instances where urban residents receive levels of Sunlight below those recommended by the BRE Guidelines. These low levels of Sunlight are not due to poor design but due to the inherent density of the locality. Given these various factors, it is unrealistic to expect larger multi-unit developments to adhere to the guidance for all units, particularly those within dense urban environments where there are other inherent limitations on Sunlight potential. Therefore, the BRE Guidelines and the British Standard suggest target values and good design rather than fixed numerical values, as the level of Sunlight availability is not necessarily achievable within the design remit of the architect.
- 4.45 BS EN 17037 recommends that a space should receive a minimum of 1.5 hours of direct Sunlight on a selected date between 1 February and 21 March with cloudless conditions. It is suggested that 21 March (equinox) be used. The medium level of recommendation is three hours and the high level of recommendation four hours. For dwellings, at least one habitable room, preferably a main living room, should meet at least the minimum criterion.

## Daylight & Sunlight Assessment Results

- 4.46 Tables of results and drawings detailing each of the relevant forms of Daylight and Sunlight analysis in relation to windows and rooms within the surrounding properties are included in Appendix B.
- 4.47 The VSC Daylight analysis and the APSH Sunlight analysis, both of which primarily relate to the effect on windows, are expressed in the same table. The location of each window references in the tables of results is shown on the Daylight Distribution Contour drawings.
- 4.48 The NSL analysis, which relates to effects on rooms, is expressed in a separate table of results and is supported by the Daylight Distribution Contour drawings. The Daylight Distribution Contour drawings depict the layout of each room that has been assessed and the area receiving a view of the sky at working plane height in both the Baseline Situation (green contour) and when the Proposed Development is in place (red contour); the shaded or hatched areas denote the part of the room experiencing a change (either loss or gain) in sky view.
- 4.49 As discussed above in section 2, in accordance with the recommendations in the BRE Guidelines, an additional scenario of analysis has been undertaken comparing the Daylight & Sunlight effect of the Proposed Development against that of the Consented Scheme. The Alternate Scenario of analysis has been undertaken in respect of the VSC and APSH forms of assessment and is presented via the equivalent tables of results as the Base Scenario, contained within a separate subsection of Appendix B.
- 4.50 The SOG analysis for surrounding open spaces and the proposed amenity area is depicted on the drawings in Appendix C. The drawings for the external SOG analysis depict the two-hour Sunlight availability to each open space on 21st March and 21st June in the Baseline Situation and then in the Proposed Situation. The numerical results are detailed within a separate table in Appendix C that records any change in the area of each surrounding open space that receives at least two hours. This process is repeated in the Alternate Scenario of analysis comparing the Consented Scheme against the Proposed Development, within a separate subsection of Appendix C. Any change between the Baseline Situation and the Proposed Situation is also considered within the main body of this report. The drawings and results for the internal SOG analysis of the proposed amenity area are presented in a separate subsection of Appendix C.
- 4.51 The Transient Shadow analysis is depicted on separate drawings in Appendix C. The analysis considers the shadows cast at hourly intervals throughout the day on 21st March, 21st June and 21st December. The drawings are split into three sections, comparing the Baseline Situation, the Consented Scheme and the Proposed Development. The shadows cast by surrounding buildings are coloured in grey, those of the former buildings on Site in green, those of the Consented Scheme in orange, and those of the Proposed Development in blue.
- 4.52 The SDA analysis, which identifies the levels of internal Daylight amenity available to the proposed new accommodation, is expressed in a table of results, supported by additional drawings. The drawings graphically illustrate the Daylight availability with a colour-coded format relative to the quantum of lux available in each room. As discussed above, two scenarios of SDA analysis have been undertaken to account for the different options for internal finishing. Each scenario is contained within a separate subsection of Appendix D.
- 4.53 The Sunlight Exposure analysis, which shows the levels of internal Sunlight potential in each proposed habitable room, is expressed in a table of results in Appendix D, identifying the relative level achieved in each case.

## 5 ASSESSMENT RESULTS - DAYLIGHT AND SUNLIGHT TO NEIGHBOURS

5.1 In dense urban localities of this type, the relationships between some surrounding buildings will be more constrained than they would be in a more suburban residential context, on which the typical parameters of the BRE Guidelines were predicated. Clearly, in such contexts there is a lesser expectation of natural Daylight & Sunlight. This point is expressly acknowledged by the BRE Guidelines, which clarify that they are not an instrument of planning policy and the numerical targets they identify should not be applied rigidly. The Guidelines state in their introduction:

*'The guide is intended for building designers and their clients, consultants, and planning officials. The advice given here is not mandatory and the guide should not be seen as an instrument of planning policy; its aim is to help rather than constrain the designer. Although it gives numerical guidelines, these should be interpreted flexibly since natural lighting is only one of many factors in site layout design (see Section 5). In special circumstances the developer or planning authority may wish to use different target values. For example, in a historic city centre, or in an area with modern high-rise buildings, a higher degree of obstruction may be unavoidable if new developments are to match the height and proportions of existing buildings. Alternatively, where natural light is of special importance, less obstruction and hence more sunlight and daylight may be deemed necessary. The calculation methods in Appendices A and B are entirely flexible in this respect. Appendix F gives advice on how to develop a consistent set of target values for skylight under such circumstances.'*<sup>4</sup>

5.2 The Site clearly falls within the category identified above in the introduction of the BRE Guidelines where a 'higher degree of obstruction may be unavoidable' for some buildings, as is the case for any city-centre locality with a designated development agenda. Within such contexts, and indeed any urban settings, it is typically only surrounding residential properties that are considered as sensitive receptors in terms of Daylight & Sunlight effects from further development.

5.3 There are few surrounding residential properties within the immediate vicinity of the Site, the closest being the apartments within the Interchange building to the south-east, on the opposite side of Wood Street. However, given the scale of the Proposed Development, the scope of Daylight & Sunlight assessment has also included other residential properties within the wider area. The following residential properties are considered to be relevant for Daylight & Sunlight assessment in accordance with the recommendations in the BRE Guidelines:

- Interchange, Central Square
- Millennium View, Fitzhamon Embankment
- Central Quay (emerging development)
- 1-5 (Odd) Fitzhamon Embankment
- Century Court, Taffs Mead Embankment
- Westminster House (95-97 St Mary Street)

5.4 The location of each of these properties in relation to the Site is shown on the drawings in Appendix A.

5.5 All other properties within the locality are understood to be either not in residential use or are too far away from the Site to be affected by the Proposed Development.

5.6 The VSC, NSL and where appropriate, APSH tests have been undertaken for each property above to establish the effect of the Proposed Development in Daylight and Sunlight terms.

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<sup>4</sup> Building Research Establishment, 'Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice', Third Edition, 2022, para 1.6, p.7

5.7 Where floorplans or other layout information has been obtained for the surrounding properties, the specific source of information is noted in the third column of the detailed tables of results in Appendix B. In the absence of any information detailing the room uses or internal configuration of a property, all rooms and windows with the potential to be affected by the Proposed Development have been assessed. In this instance, either full or partial floorplans have been obtained for all surrounding properties identified above, with the exception of the following:

- 1-5 (Odd) Fitzhamon Embankment
- Westminster House

5.8 Analysis has been undertaken in two scenarios in accordance with the BRE methodology. The 'Base Scenario' measures the change between the Baseline Situation and Proposed Situation. The 'Alternate Scenario' measures the change between the Consented Scheme and the Proposed Development. Both sets of results are included in Appendix B within separate subsections. The numerical results of the Base Scenario analysis are summarised in the tables below.

### Daylight Results Summary

5.9 There are 1,001 windows serving 694 potentially habitable residential rooms that have been subject to assessment. These have all been assessed in terms of both VSC and NSL. The tabulated results are included in Appendix B and the results of the Base Scenario are summarised in Tables 01 and 02 below.

**TABLE 01 – Summary of VSC Results (Existing Vs Proposed)**

ADDRESS	TOTAL MEET BRE (NEGLIGIBLE)	BELOW BRE GUIDELINES				TOTAL	TOTAL NO. OF WINDOWS
		20.1%–30% REDUCTION (MINOR)	30.1%–40% REDUCTION (MODERATE)	>40% REDUCTION (MAJOR)	TOTAL		
Interchange	299	2	0	0	2	301	
Central Quay	464	0	0	0	0	464	
Century Court	81	0	0	0	0	81	
Millennium View	73	0	0	0	0	73	
1 Fitzhamon Embankment	16	0	0	0	0	16	
3 Fitzhamon Embankment	9	0	0	0	0	9	
5 Fitzhamon Embankment	9	0	0	0	0	9	
Westminster House	48	0	0	0	0	48	
<b>Totals</b>	<b>999</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1001</b>	

5.1 The VSC method of assessment shows that 999 out of 1,001 (99%) of all windows tested will meet the typical BRE recommendations.

**TABLE 02 – Summary of NSL Results (Existing Vs Proposed)**

ADDRESS	TOTAL MEET BRE (NEGLIGIBLE)	BELOW BRE GUIDELINES				TOTAL	TOTAL NO. OF ROOMS
		20.1%-30% REDUCTION (MINOR)	30.1%-40% REDUCTION (MODERATE)	>40% REDUCTION (MAJOR)	TOTAL		
Interchange	179	0	0	0	0	179	
Central Quay	385	0	0	0	0	385	
Century Court	49	0	0	0	0	49	
Millennium View	36	0	0	0	0	36	
1 Fitzhamon Embankment	8	0	0	0	0	8	
3 Fitzhamon Embankment	4	0	0	0	0	4	
5 Fitzhamon Embankment	4	0	0	0	0	4	
Westminster House	29	0	0	0	0	29	
<b>Totals</b>	<b>694</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>694</b>	

5.2 The NSL method of assessment shows that 694 out of 694 (100%) of the rooms tested meet the typical BRE recommendations.

### Sunlight Results Summary

- 5.3 There are 265 windows serving 188 residential rooms surrounding the Site which are potentially relevant for Sunlight amenity assessment. These have all been assessed in terms of annual and winter APSH.
- 5.4 The tabulated results of the assessments are given at Appendix B and summarised in Table 03 below.

**TABLE 03 – Summary of APSH Results (Existing Vs Proposed)**

ADDRESS	NO OF WINDOWS	TOTAL MEET BRE	ANNUAL		WINTER	
			MEET BRE	BELOW BRE	MEET BRE	BELOW BRE
Interchange	111	103	103	8	111	0
Central Quay	49	49	49	0	49	0
Century Court	25	25	25	0	25	0
Millennium View	22	22	22	0	22	0
1 Fitzhamon Embankment	6	6	6	0	6	0
3 Fitzhamon Embankment	2	2	2	0	2	0
5 Fitzhamon Embankment	2	2	2	0	2	0
Westminster House	48	48	48	0	48	0
<b>Totals</b>	<b>265</b>	<b>257</b>	<b>257</b>	<b>8</b>	<b>265</b>	<b>0</b>

5.5 The APSH method of assessment shows that 257 out of 265 (97%) of the individual windows assessed meet the typical recommendations in the BRE Guidelines. It should be noted that some of the individual windows where effects are identified beyond the typical BRE recommendations may relate to room uses that the BRE identifies as being less important for Sunlight consideration.

## Discussion of Daylight & Sunlight Results

5.6 The following properties are those in which all windows and rooms relevant for assessment meet the BRE recommendations in all cases for the VSC, NSL and APSH assessments:

- Central Quay (emerging development)
- Century Court, Taffs Mead Embankment
- Millennium View, Fitzhamon Embankment
- 1-5 (Odd) Fitzhamon Embankment
- Westminster House (95-97 St Mary Street)

5.7 Any Daylight and Sunlight effects to the windows and rooms within the above properties are within the typical recommendations of the BRE Guidelines and therefore any effect to their Daylight and Sunlight amenity is considered to be negligible. No further commentary is provided in relation to these properties. The one property where any effects occur outside of the typical BRE Guidelines recommendations is discussed in further detail below.

5.8 Results of the analysis and supporting Daylight Distribution Contour drawings are included in Appendix B for all properties. Any room and window references below tie in with those used in the tables of results and supporting information in Appendix B.

### *Interchange, Central Square*

5.9 This property is located to the south-east of the Site, on and is comprised of residential units at 2<sup>nd</sup> to 23<sup>rd</sup> floor. The units main outlook is to the north and west; and those windows with a western outlook have more of a view of the Proposed Development. Figures 04 and 05 below show the western façade of this property.



Figure 04 – west-facing façade of Interchange



Figure 05 – west-facing façade of Interchange

- 5.10 Our understanding of the internal configuration of this property is based on floorplans obtained from the planning portal for a 2020 application.
- 5.11 299 out of 301 windows assessed in this property meet the typical BRE Guidelines recommendations in respect of the VSC Daylight assessment. All 179 rooms meet the recommendations in respect of the NSL Daylight assessment. 103 out of 111 windows relevant for Sunlight assessment meet the recommendations in respect of the APSH Sunlight assessment.

5.12 The two windows that do not meet the typical BRE recommendations in respect of the VSC assessment relate to two LKDs at second and third floor. Both rooms are served by an additional window that meets the VSC recommendations and both rooms also comfortably meet the BRE recommendations for the NSL assessment, so the shortfall is only in respect of the VSC assessment for one window. The results of the VSC analysis under the Base Scenario for the specific windows affected are clarified below (using the references from the tables of analysis in Appendix B):

	<u>Baseline VSC</u>	<u>Proposed VSC</u>	<u>Relative Change</u>
• Second / W12:	17.17	13.40	22% (0.78)
• Third / W12:	18.56	14.71	21% (0.79)

5.13 In both cases the relative change caused to these windows is only marginally beyond the typical 20% recommended in the BRE Guidelines. When the aggregated VSC effect to the room as a whole (as per the 12<sup>th</sup> and 14<sup>th</sup> columns in the tables of results) is considered in accordance with the BRE methodology, the 2<sup>nd</sup> floor room records a slightly smaller 21% relative change in VSC, while the 3<sup>rd</sup> floor room shows adherence to the BRE recommendations with a relative change of 20%.

5.14 As demonstrated by the Daylight results for all other rooms, both in terms of VSC and NSL, the typical effect on this property is comfortably in accordance with the BRE recommendations and of a negligible extent, but there is an isolated effect to the second floor room that extends marginally outside of the usual recommendations by 1%. This is clearly a very minor infraction of a nature that is common to any urban environment and readily within the flexible application that the BRE recommends for such contexts.

5.15 Reference to the Alternate Scenario of analysis shows that the Proposed Development would result in an overall difference of c. 1 VSC to each room in absolute terms beyond the Consented Scheme. This level of change is also considered to be minor in extent.

5.16 In Sunlight terms, there are eight windows, serving eight bedrooms, that record technical effects in excess of the typical BRE recommendations. The BRE Guidelines identify bedrooms as being less important for Sunlight and not ordinarily requiring technical analysis. Therefore, the effects to these eight rooms should not be considered sensitively or detract from an otherwise fully compliant Sunlight position for all main habitable rooms in this property.

5.17 However, it is also helpful to note that in all eight cases the relative change to the affected bedrooms is between 20% and 28% and equates to an absolute loss of 5 APSH, which is just fractionally (by 1 APSH) above the 4 APSH absolute loss threshold suggested by the BRE. This would therefore be, in any event, a typically minor extent of effect that is common to urban environments; however in this instance it is not considered material in line with the BRE methodology.

5.18 Reference to the Alternate Scenario of APSH analysis for the eight affected bedrooms shows that with there is a further loss of 1 APSH in absolute terms beyond the Consented Scheme. Again, this is a minor increase, but is also immaterial in this instance as these are rooms expressly recognised by the BRE as less sensitive in Sunlight terms.

5.19 Overall, we consider the Daylight effect of the Proposed Development to this property to be predominantly negligible in nature, with one isolated minor effect; and the Sunlight effect to this property to be negligible.

## 6 ASSESSMENT RESULTS – OVERSHADOWING TO NEIGHBOURS

- 6.1 The BRE advise that Overshadowing assessments should focus on the back gardens of houses and other open areas that have a reasonable expectation of Sunlight amenity. Areas located to the south of development sites are usually not usually considered for assessment, as effects to these areas are limited by the path of the sun (east to west via the south) during March.
- 6.2 Given the scale of the Proposed Development and its situation in relation to the surrounding context, the following surrounding open spaces are considered to be relevant for Overshadowing assessment in accordance with the recommendations in the BRE Guidelines:
- Principality Stadium pitch – north-west of Site
  - Public square – adjacent to north-east of Site
- 6.3 Any other open spaces in this locality are considered to be sufficiently far away from the Site to avoid being affected or are not relevant for assessment in accordance with the BRE recommendations.
- 6.4 The Overshadowing effect of the Proposed Development on the areas above has been considered both by reference to the quantitative SOG assessment and the non-numerical Transient Shadow assessment. Details of both forms of analysis are contained in Appendix C. The Transient Shadow assessment also provides a graphical illustration of the shadows cast across the wider area for broader reference, albeit there do not appear to be further relevant sensitive receptors requiring quantitative assessment via the SOG analysis within this context.
- 6.5 Details of the SOG analysis are contained in Appendix C in both graphical and numerical format. To be comprehensive, in accordance with the BRE methodology, Overshadowing analysis has been undertaken both in the Base Scenario and the Alternate Scenario. The Alternate Scenario SOG analysis is contained within a separate subsection within Appendix C. In respect of the Base Scenario of analysis for the public square, as this amenity area was previously occupied by the former buildings on the Site, for the purposes of the analysis the change from the Proposed Development has been measured against the current vacant Site.
- 6.6 Drawing 200/310 illustrates the primary SOG analysis on 21<sup>st</sup> March and 21<sup>st</sup> June in the Base Scenario. Analysis on 21<sup>st</sup> December has not been undertaken as at the BRE Guidelines acknowledge that at this time of year it is common for large areas of the ground to be in shadow, particularly in built-up areas such as this locality. The detailed table of results breaks down the analysis for each amenity area.
- 6.7 The Base Scenario of analysis on 21<sup>st</sup> March and on 21<sup>st</sup> June both show the effect of the Proposed Development on the Principality Stadium pitch will meet the BRE Guidelines typical recommendations. In March, there will be some loss of two-hour Sunlight availability from the existing condition, with the area of the pitch receiving 2-hour Sunlight availability reducing from 48% to 43%. However, in relative terms this is a circa 11% change (well within the recommended 20% margin) and is limited to the north-west corner of the pitch. In June there is no registered change in two-hour Sunlight availability from the existing condition; so the pitch will continue to receive 2-hour Sunlight availability to 86% of its area.
- 6.8 Reference to the Alternate Scenario of analysis for the Principality Stadium pitch shows that that the effect of the Proposed Development in March is not significantly different from that of the Consented Scheme. The area of the pitch retaining 2-hour Sunlight availability in March for the Consented Scheme is recorded as 46%, which is reduced to 43% by the Proposed Development – i.e. a 3% absolute change. Again, there is no change between the two situations recorded on June.
- 6.9 In relation to the public square adjacent to the Site, this will retain 2-hour Sunlight availability to at least 84% of its area in March and 100% of its area in June, with only a 6% relative change recorded in March and no change recorded in June. Therefore, the effect will meet the BRE recommendations on both 21<sup>st</sup> March and 21<sup>st</sup> June.

- 6.10 The Transient Shadow analysis compares the shadows cast by the Baseline Situation (green), the Consented Scheme (orange) and the Proposed Development (blue) on the surrounding locality. The drawings in Appendix C illustrate the extent of the shadows at hourly intervals throughout the day on the three key dates of the year; being 21 March, 21 June and 21 December.
- 6.11 The Transient Shadow analysis shows that the shadows cast by the Proposed Development in March and June are more extensive than those of the Consented Scheme, however they move over the surrounding context swiftly, with no material lasting effect. This point is evidenced by the quantitative SOG analysis, which shows that any effects to the surrounding sensitive receptors comfortably meet the BRE recommendations. Any shadows cast in December are shown to be immaterial, as during this period all of the locality is already in shadow from the existing surrounding buildings.
- 6.12 As the SOG analysis confirms any impact from the Proposed Development would adhere to the BRE recommendations, the Overshadowing effect of the Proposed Development on the surroundings is considered to be negligible.

## 7 ASSESSMENT RESULTS - INTERNAL DAYLIGHT & SUNLIGHT AMENITY

- 7.1 The internal Daylight & Sunlight amenity for all habitable rooms within the Proposed Development has been quantitatively assessed in accordance with the BRE methodology. The analysis has been based on a detailed 3D model and drawings of the Proposed Development supplied by the project architects.
- 7.2 The detailed results and drawings for the internal Daylight & Sunlight analysis are contained in Appendix D.

### Daylight

- 7.3 As identified in section 2 above, in this instance the internal reflectance parameters used to inform the SDA Daylight analysis have been informed by a Design Guide for the proposed new apartments, supplied by the project architects. This contains two options for the internal walls of the apartments, one with a light coloured (cream) finish, hereafter referred to as 'the Light Option'; and the other with a darker (mid to light green) finish, hereafter referred to as 'the Green Option'.
- 7.4 To be comprehensive, both options have been modelled and assessed under separate scenarios in Appendix D to provide a more informative range of results. However, at this early stage of the design there is the potential to adopt the lighter finishing option in any areas with lower Daylight potential, should this be required.
- 7.5 The internal reflectance values used for each of the options are clarified below. All other parameters used for the internal Daylight assessment are specified in section 2 above.

	<u>Light Option</u>	<u>Green Option</u>
Internal floor:	0.4 (light wood)	0.4 (light wood)
Internal ceiling:	0.8 (white)	0.8 (white)
Internal wall:	0.7 (cream)	0.5 (mid to light green)

- 7.6 The proposed LKDs are multi-use spaces where the primary area intended for Daylight amenity is the living space. Therefore, in accordance with the discretion allowed in the BRE and the approach endorsed in the 2021 application for the Consented Scheme, the target lux in the assessment for the proposed LKDs has been set to 150 lux, with the kitchen area included within the assessment area.
- 7.7 The results of the SDA assessment demonstrate that under the Light Option, 97% (1,201 out of 1,240) of the assessed rooms will meet their recommended targets. Under the Green Option, the analysis shows that 82% (1,019 out of 1,240) rooms will meet the targets. Both these rates of compliance are considered to be reasonably good and commensurate with those of other similar scale developments in dense urban contexts, however the rate of compliance for the Light Option is considered to be high for this context.
- 7.8 Under the Light Option, there are 33 LKDs and six bedrooms that fall short of the recommended thresholds. The majority of the LKDs that fall short are located between 4<sup>th</sup> and 7<sup>th</sup> floors; and the six bedrooms are located at 4<sup>th</sup> and 5<sup>th</sup> floor. It is generally those rooms with a northern outlook that fall short of the recommended threshold, with 34 out of the 39 rooms affected falling into this category. From level 06 upwards, all rooms without a solely northern outlook will meet the suggested Daylight threshold under the Light Option. All rooms meet the suggested targets from level 14 upwards.
- 7.9 Under the Green Option, there are 197 LKDs and 24 bedrooms that fall short of the thresholds. The vast majority of these rooms have a northern outlook. From level 14 upwards, all rooms without a solely northern outlook will meet the suggested Daylight threshold under the Green Option.

- 7.10 The Daylight potential is inherently more limited for the north-facing rooms, even at levels where there is minimal external obstruction, as the analysis is sensitive to orientation. However, it is important to remember that this is a town-centre location with an evolving context. Clearly, in such locations there is a lesser expectation for natural Daylight & Sunlight amenity than elsewhere and the BRE allows some flexibility in this regard. Any residential-led development of the Site that seeks to adhere to the emerging context will have limitations on Daylight potential to new units in some areas.
- 7.11 Overall, the Proposed Development has a high rate of compliance with the BRE Guidelines recommendations under the Light Option, and a reasonably good rate of compliance under the Green Option. We see no reason why a mix of internal finishings from the two options tested cannot be employed, whilst still preserving the higher 97% compliance rate, provided an informed approach is adopted using the analysis undertaken. For example, this would entail employing the Light Option finishing to the north-facing LKDs and more sensitive area on the lower floors.

## Sunlight

- 7.12 This Site is located in an urban setting, with inherently more limited Sunlight potential than suburban contexts. In addition, the footprint of the Site is inherently limiting, as it will only allow for a more slender design, involving a larger proportion of rooms with a more northern outlook. These factors mean it is not possible to achieve a design where the majority of main living spaces will be orientated to achieve optimum Sunlight potential in accordance with the typical BRE recommendations.
- 7.13 The Sunlight Exposure results are tabulated in Appendix D for all proposed habitable rooms. This shows that overall 53% (659 out of 1,240) rooms meet the recommended targets, with almost all of these achieving either the medium or high recommended levels.
- 7.14 Given the constraints imposed by the orientation of the Site and the urban context, it is inevitable that those rooms facing north will not meet the BRE recommended Sunlight thresholds. Such a position is not unusual in any dense locality with more complex and extensive design limitations, where in practice prospective residents attribute less value to Sunlight amenity. Overall, slightly more than half of the rooms meet the recommendations.

## Sunlight Availability to Proposed Amenity Areas

- 7.15 The Proposed Development includes the provision of a public amenity area surrounding the new Pavilion, which sits adjacent to the east of the main proposed building and to the west of the existing public square.
- 7.16 The SOG analysis for the proposed amenity area is included in Appendix C, within a separate subsection from the surrounding Overshadowing analysis. As with the SOG analysis for the surroundings, the assessment of two-hour Sunlight potential has been undertaken on both 21st March and 21st June.
- 7.17 The analysis identifies that just under 20% of the new square will receive at least two hours of Sunlight potential on 21<sup>st</sup> March. This is below the suggested absolute target of 50% of the area in the BRE Guidelines but is not uncommon for dense urban contexts such as this, where Sunlight penetration over larger surrounding buildings can be inherently more limited during the March period. In contrast, the 21<sup>st</sup> June analysis, when the sun is higher in the sky and is able to penetrate over the surrounding buildings to the south, identifies that over 97% of the area would receive over 2 hours of Sunlight availability.
- 7.18 Therefore, whilst the Sunlight availability within the proposed amenity area will fall short of the BRE recommendations in March, this is not unusual within city centre contexts of this type. However, during the summer period, which is when the space is likely to be most actively used and enjoyed, there is shown to be plenty of Sunlight availability.

## 8 REFERENCES

**Ref. 1.1**

Building Research Establishment publication 'Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice' (Third Edition, published in 2022) - available at <https://www.bre.co.uk/>

**Ref. 1.2**

The British Standard Daylight in buildings, BS EN 17037 - <https://www.bsigroup.com/en-GB/>

**Ref. 1.3**

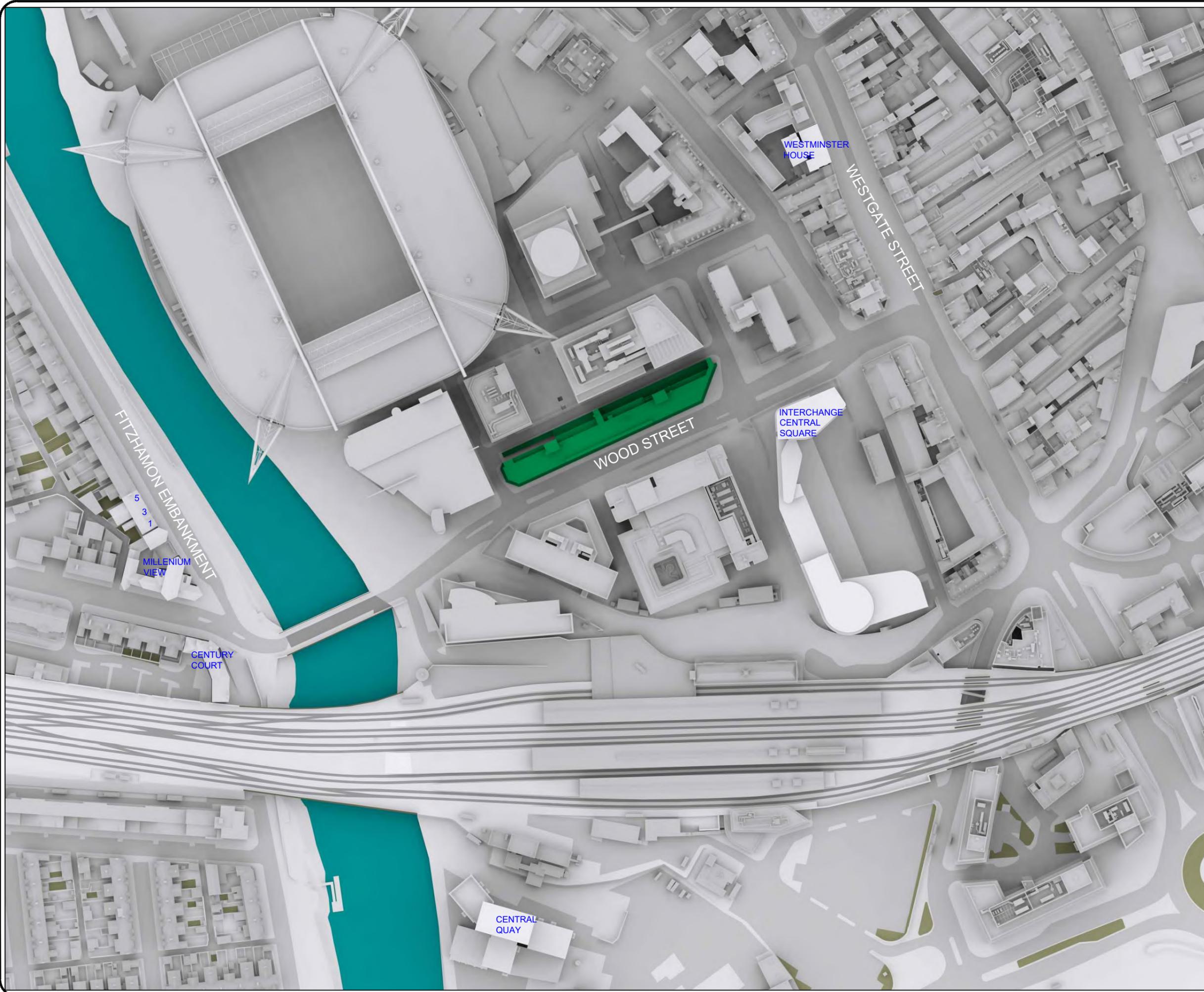
CIBSE publication LG 10 Daylighting – a guide for designers - <https://www.cibse.org/>



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## Appendix A – Drawings of Analytical Model



SOURCES OF INFORMATION:

3D CONTEXT MODEL  
 ACCUCITIES MODEL  
 004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
 06159\_MODEL\_250709.DWG

WESTMINSTER  
 HOUSE

WESTGATE STREET

INTERCHANGE  
 CENTRAL  
 SQUARE

WOOD STREET

FITZHAMON EMBANKMENT

5  
 3  
 1

MILLENIUM  
 VIEW

CENTURY  
 COURT

CENTRAL  
 QUAY



EXISTING BUILDINGS SHOWN IN GREEN

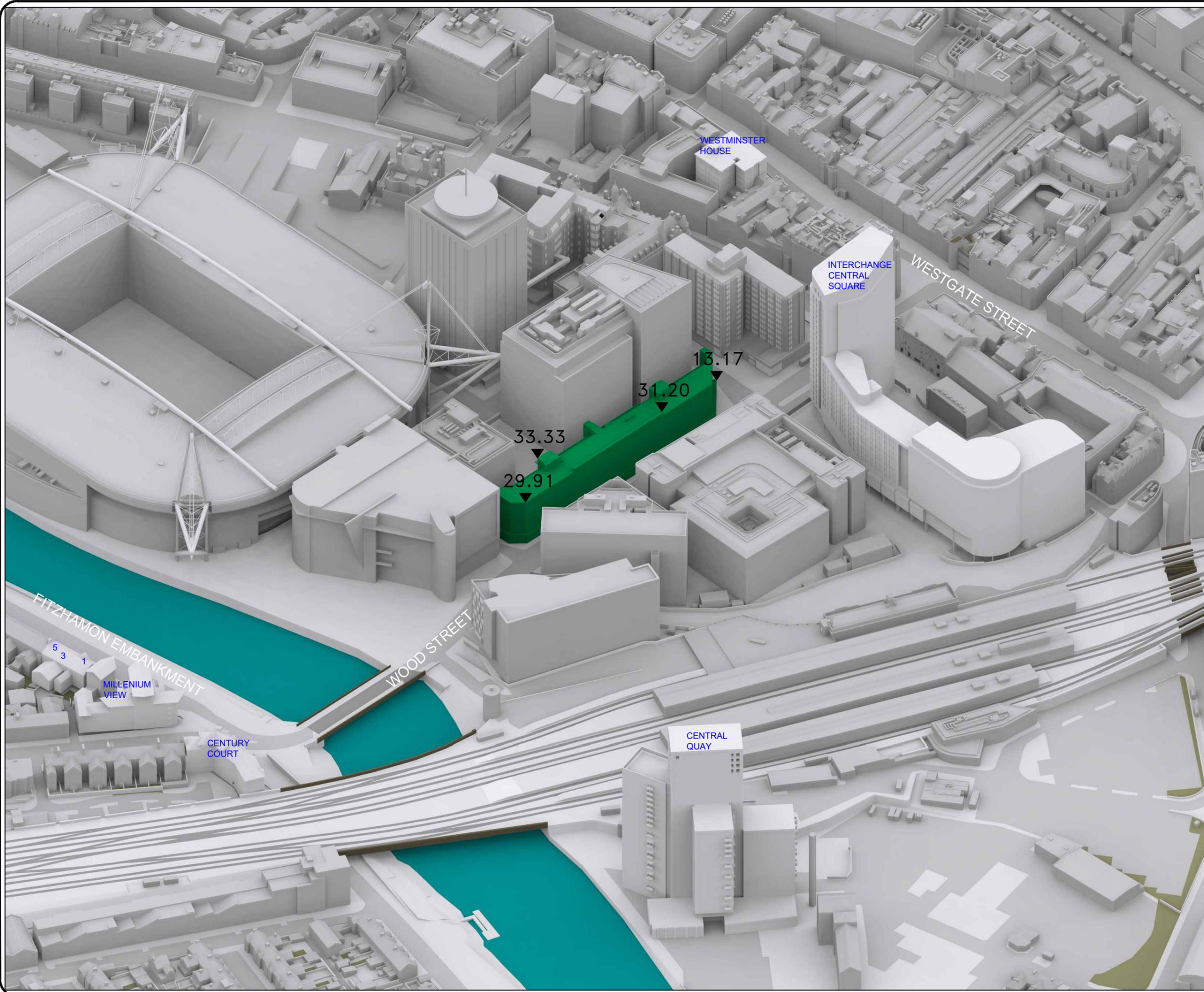
G		
F		
E		
D		
C		
B		
A		
REV:	DESCRIPTION:	BY:   DATE:

PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 BASELINE  
 PLAN VIEW

JOB NO: 200	RELEASE: 04-01	DRG NO: 01
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL





SOURCES OF INFORMATION:

3D CONTEXT MODEL  
 ACCUCITIES MODEL  
 004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
 06159\_MODEL\_250709.DWG

HEIGHTS SHOWN ARE TO AOD (m)  
 EXISTING BUILDINGS SHOWN IN GREEN

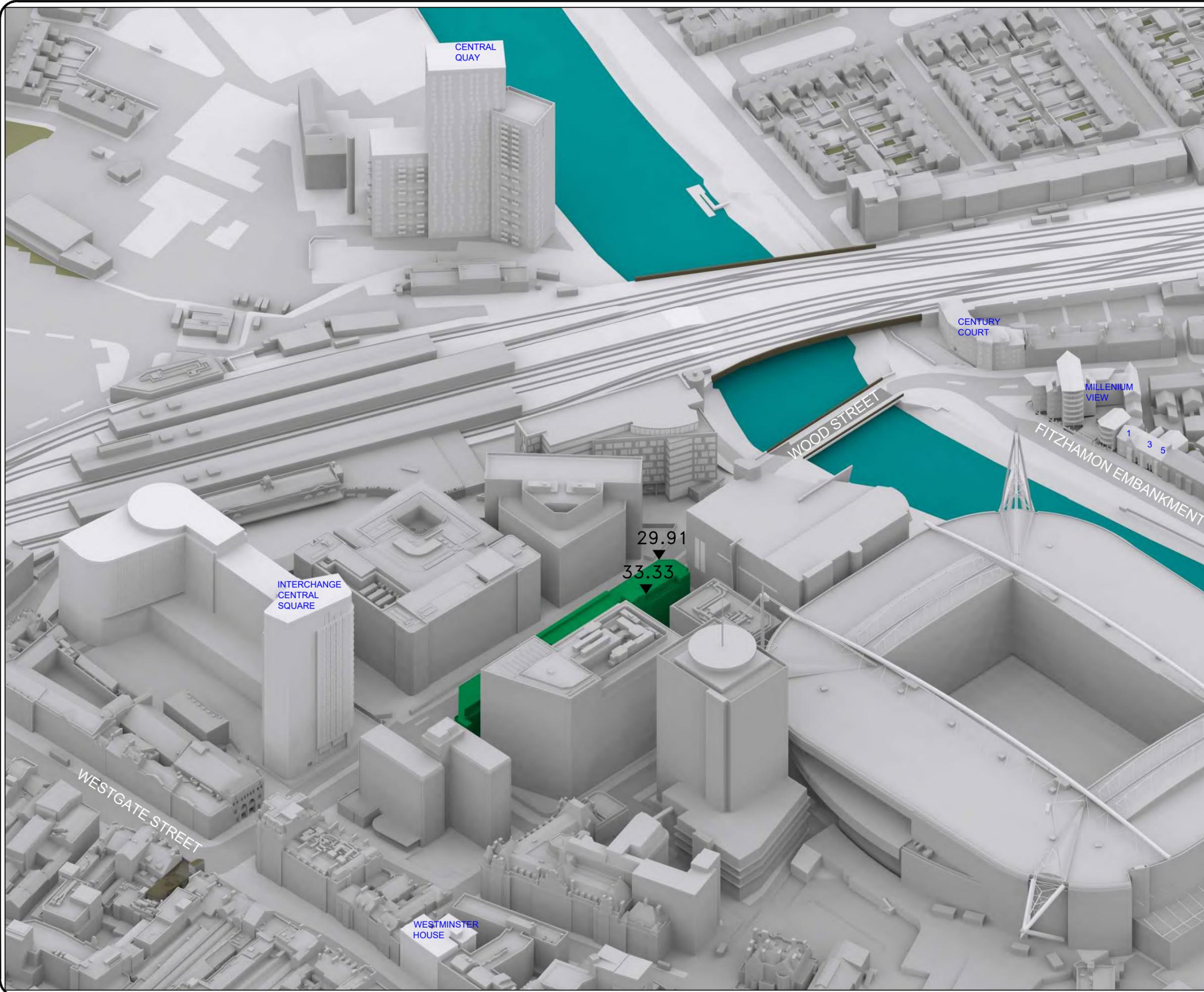
G		
F		
E		
D		
C		
B		
A		
REV	DESCRIPTION	BY:   DATE:

PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 BASELINE  
 3D VIEW

JOB NO: 200	RELEASE: 04-01	DRG NO: 02
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL





SOURCES OF INFORMATION:

3D CONTEXT MODEL  
 ACCUCITIES MODEL  
 004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
 06159\_MODEL\_250709.DWG

HEIGHTS SHOWN ARE TO AOD (m)  
 EXISTING BUILDINGS SHOWN IN GREEN

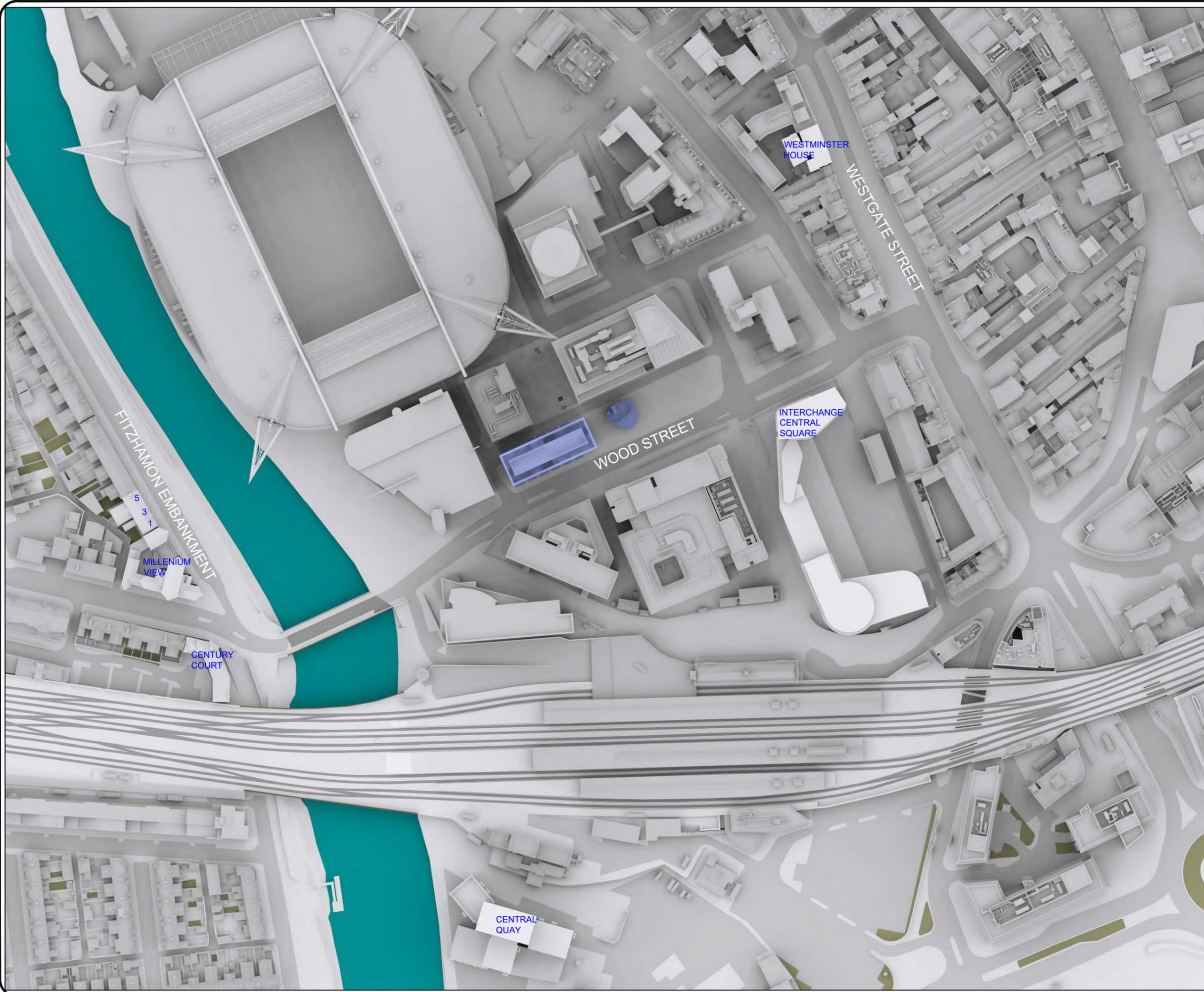
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REV:	DESCRIPTION:	BY:   DATE:

PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 BASELINE  
 3D VIEW

JOB NO: 200	RELEASE: 04-01	DRG NO: 03
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL





SOURCES OF INFORMATION:

3D CONTEXT MODEL  
 ACCUCITIES MODEL  
 004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
 06159\_MODEL\_250709.DWG

WESTMINSTER HOUSE

WESTGATE STREET

INTERCHANGE CENTRAL SQUARE

WOOD STREET

FITZHAMON EMBANKMENT

MILLENIUM VIEW

CENTURY COURT

CENTRAL QUAY



PROPOSED BUILDINGS SHOWN IN BLUE

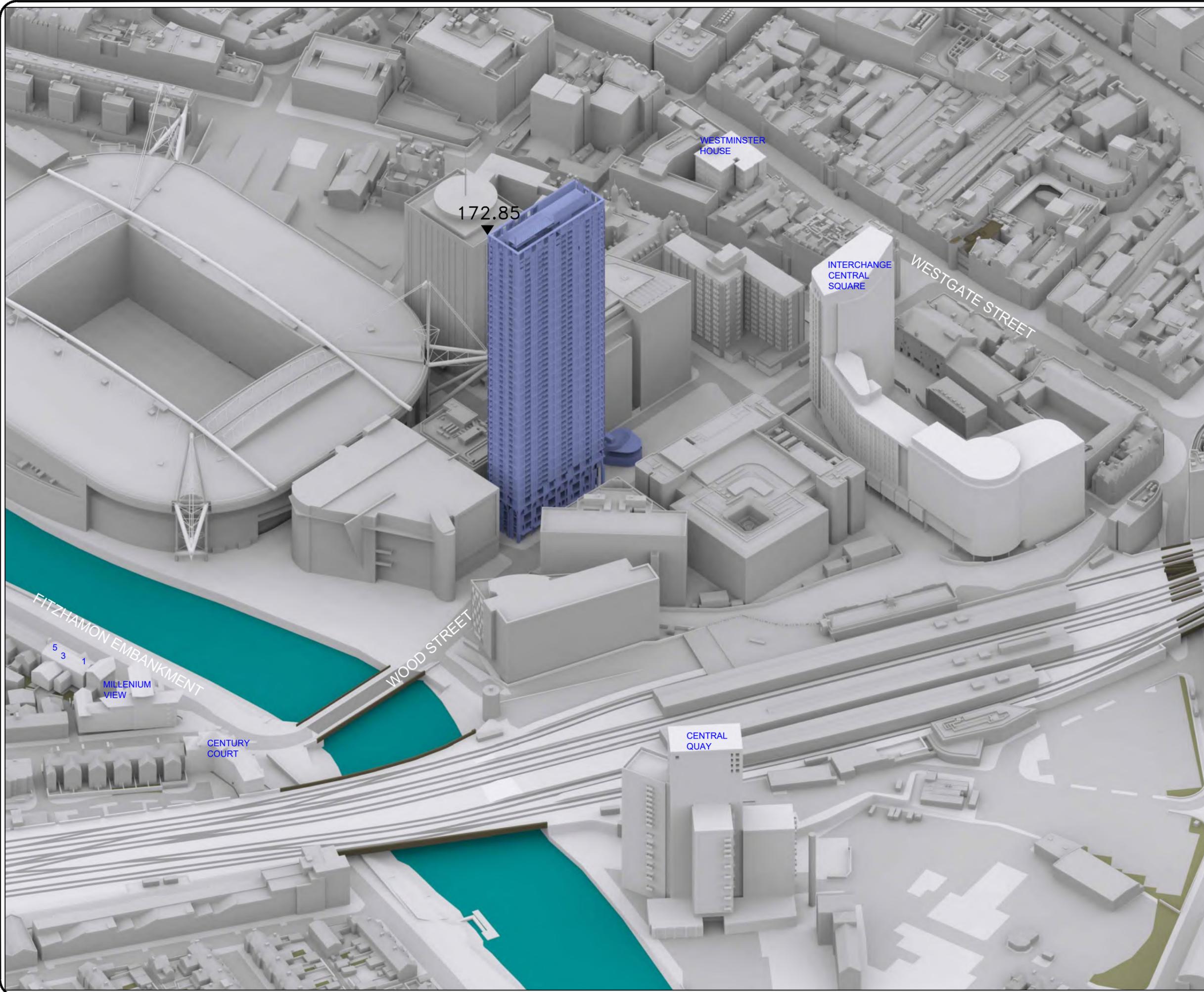
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PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 PROPOSED  
 PLAN VIEW

JOB NO: 200	RELEASE: 04-01	DRG NO: 04
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL





SOURCES OF INFORMATION:

3D CONTEXT MODEL  
 ACCUCITIES MODEL  
 004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
 06159\_MODEL\_250709.DWG

HEIGHTS SHOWN ARE TO AOD (m)  
 PROPOSED BUILDINGS SHOWN IN BLUE

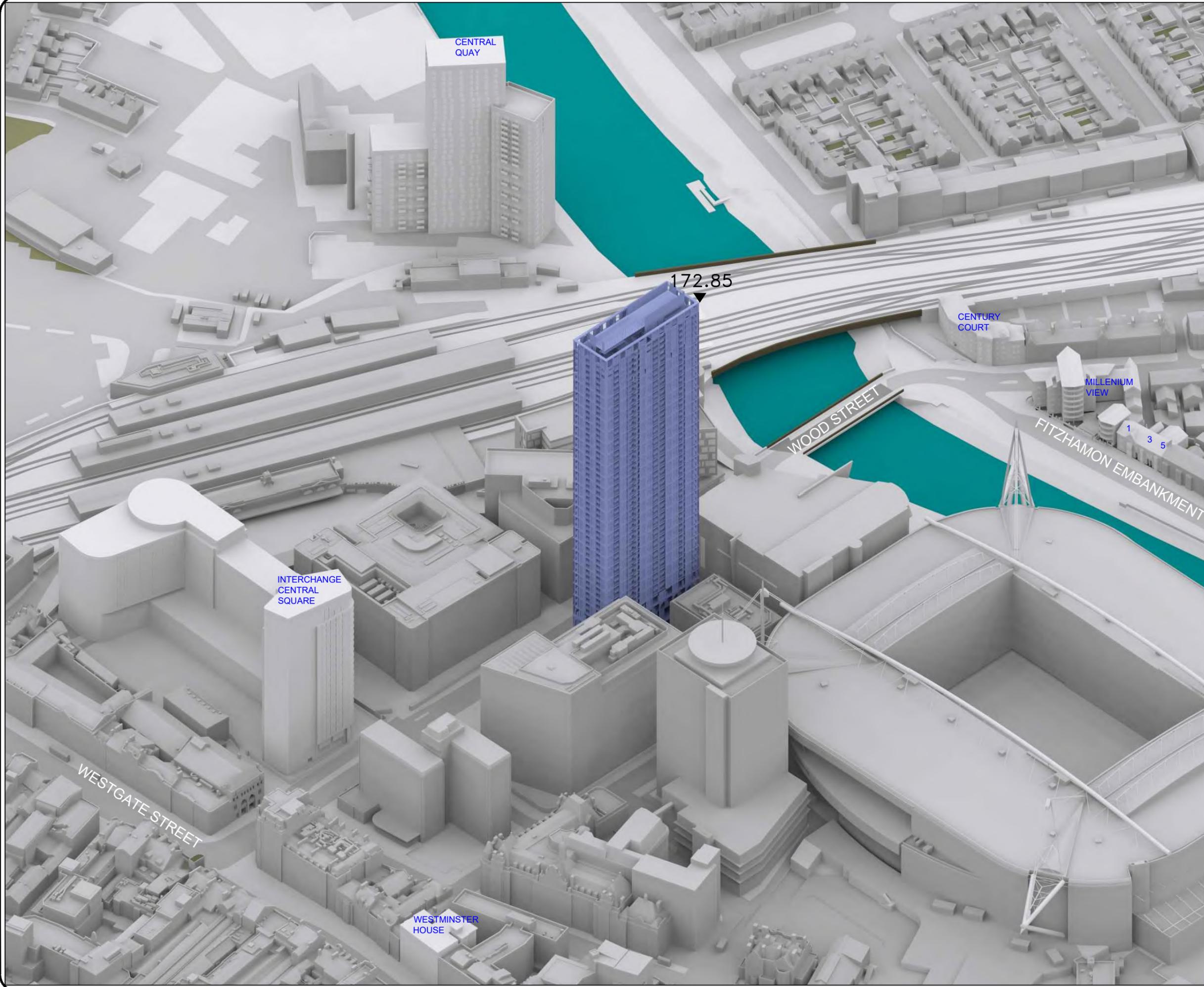
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REV	DESCRIPTION	BY:   DATE:

PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 PROPOSED  
 3D VIEW

JOB NO: 200	RELEASE: 04-01	DRG NO: 05
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL





SOURCES OF INFORMATION:

3D CONTEXT MODEL  
 ACCUCITIES MODEL  
 004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
 06159\_MODEL\_250709.DWG

HEIGHTS SHOWN ARE TO AOD (m)  
 PROPOSED BUILDINGS SHOWN IN BLUE

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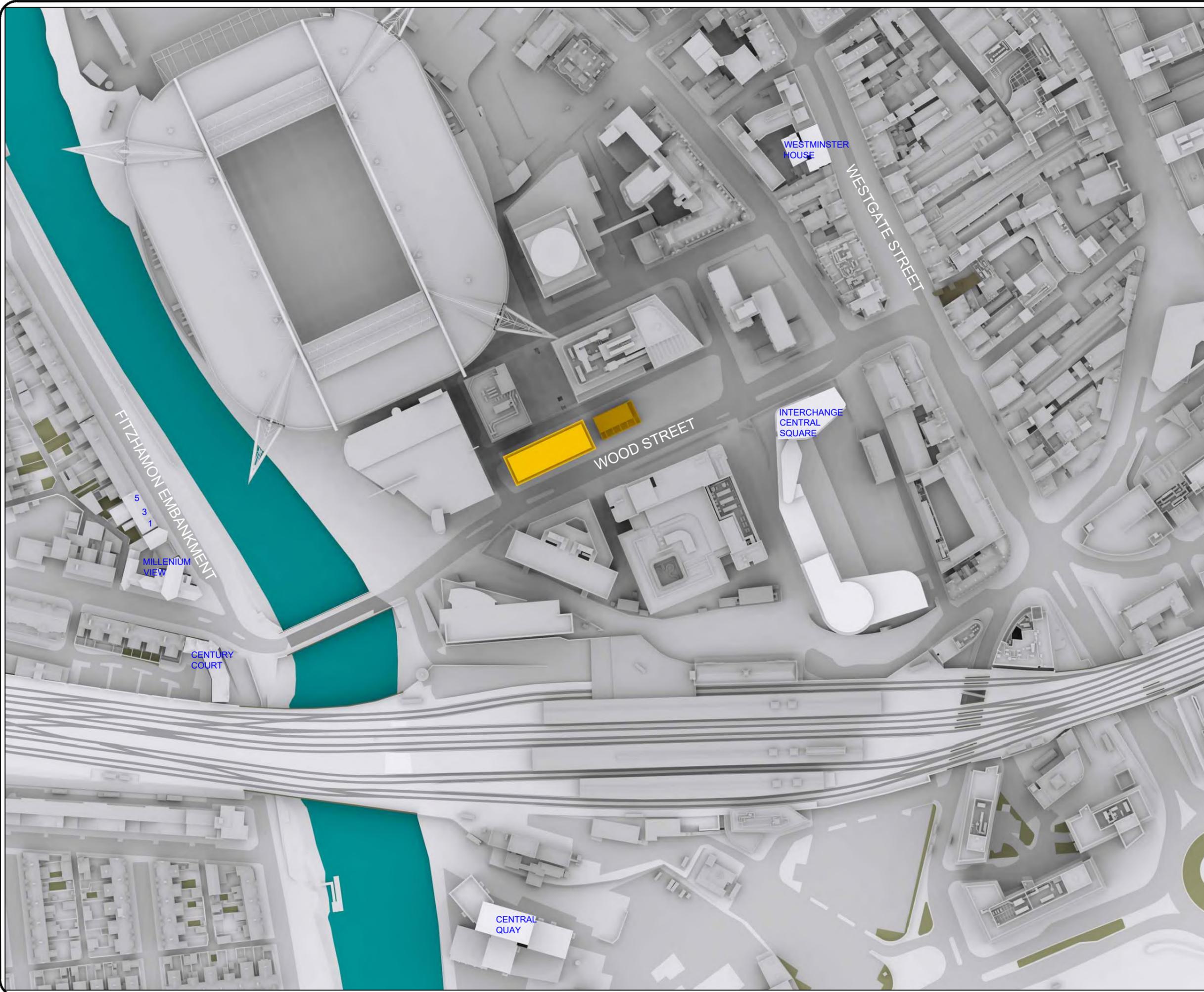
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PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 PROPOSED  
 3D VIEW

JOB NO: 200	RELEASE: 04-01	DRG NO: 06
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL





SOURCES OF INFORMATION:

3D CONTEXT MODEL  
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MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
 06159\_MODEL\_250709.DWG

WESTMINSTER HOUSE

WESTGATE STREET

INTERCHANGE CENTRAL SQUARE

WOOD STREET

FITZHAMON EMBANKMENT

5  
3  
1

MILLENIUM VIEW

CENTURY COURT

CENTRAL QUAY



PROPOSED BUILDINGS SHOWN IN BLUE

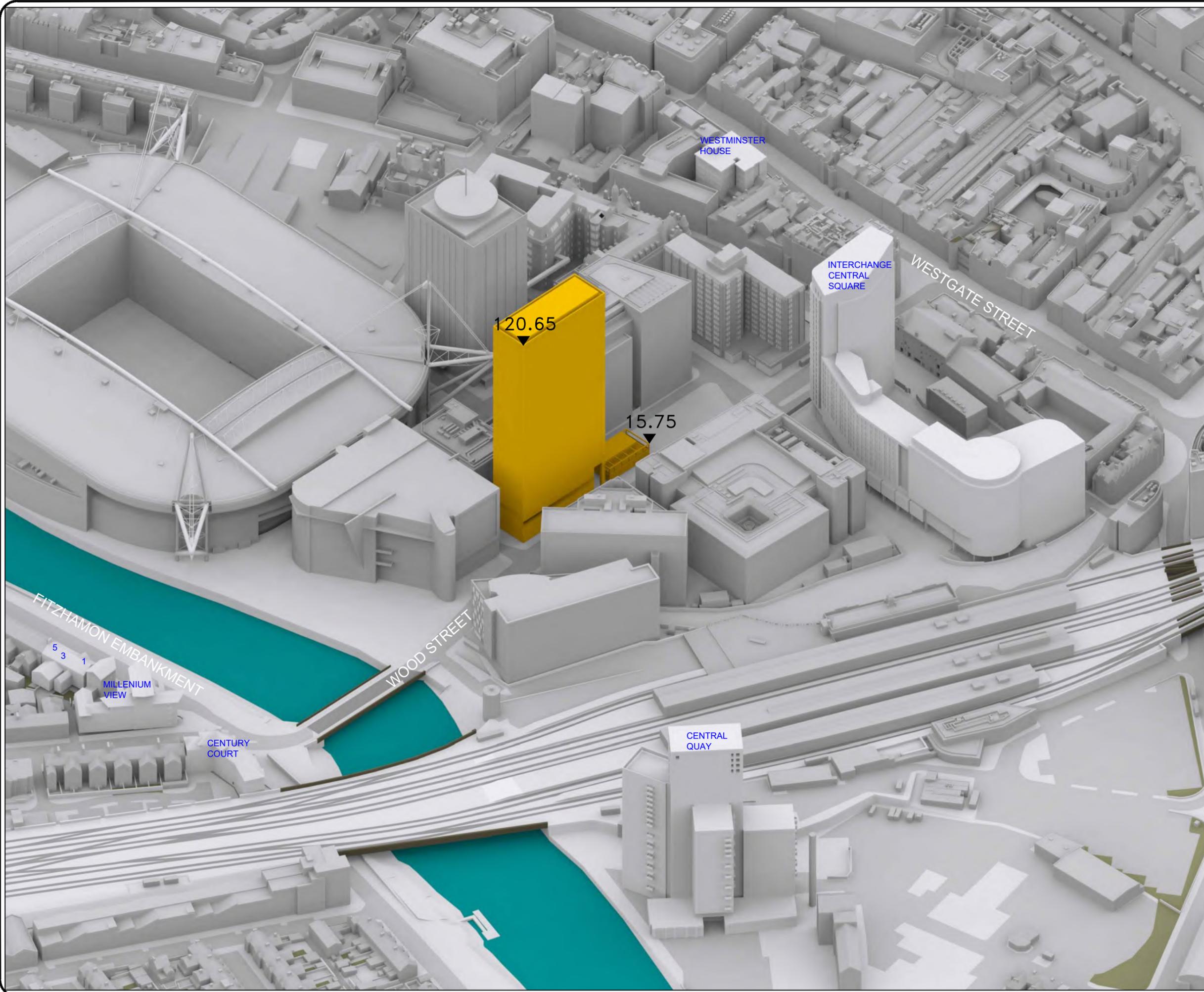
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PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 CONSENTED  
 PLAN VIEW

JOB NO: 200	RELEASE: 04-02	DRG NO: 07
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL





SOURCES OF INFORMATION:

3D CONTEXT MODEL  
ACCUCITIES MODEL  
004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG

HEIGHTS SHOWN ARE TO AOD (m)  
PROPOSED BUILDINGS SHOWN IN BLUE

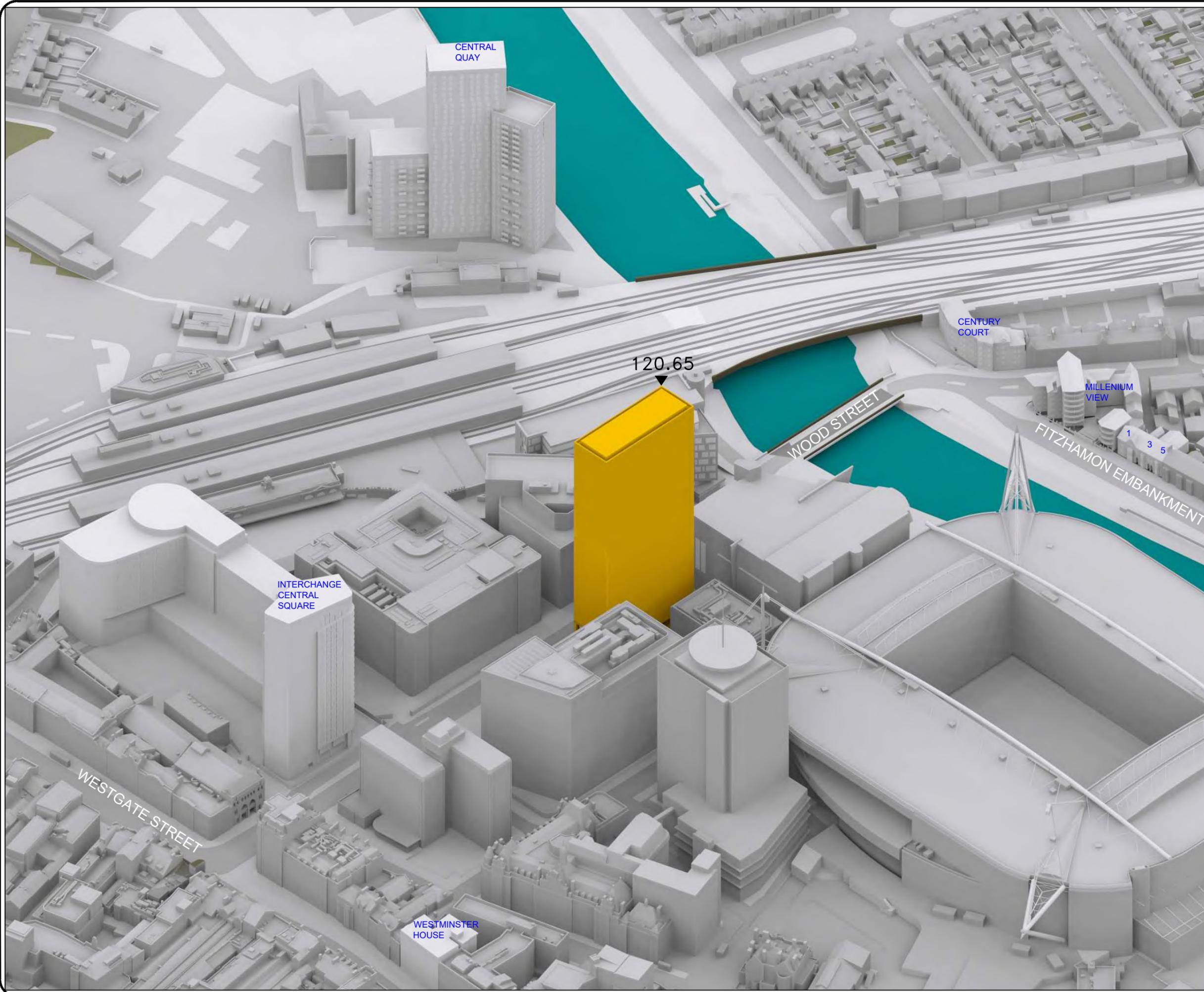
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REV	DESCRIPTION	BY:   DATE:

PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
CONSENTED  
3D VIEW

JOB NO: 200	RELEASE: 04-02	DRG NO: 08
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL





SOURCES OF INFORMATION:

3D CONTEXT MODEL  
 ACCUCITIES MODEL  
 004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
 06159\_MODEL\_250709.DWG

120.65

HEIGHTS SHOWN ARE TO AOD (m)  
 PROPOSED BUILDINGS SHOWN IN BLUE

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REV:	DESCRIPTION:	BY:   DATE:

PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 CONSENTED  
 3D VIEW

JOB NO: 200	RELEASE: 04-02	DRG NO: 09
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL



## Appendix B – Daylight & Sunlight Analysis – Neighbouring Properties

## VSC & APSH Results – Base Scenario

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight & Sunlight Analysis - VSC & APSH - Base Scenario  
 Date of Analysis: 18/07/2025

Floor Ref.	Room Ref.	Layout Info	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria	
<b>Interchange Central Square</b>																									
Second	R1	Floorplan	Residential	LKD	W1	Existing Proposed	23.14 23.15	1.00	YES	337°N															
	R2	Floorplan	Residential	Bedroom	W2	Existing Proposed	19.53 19.53	1.00	YES	337°N	23.14 23.15	1.00	YES								*North	*North		*North	*North
	R3	Floorplan	Residential	Bedroom	W3	Existing Proposed	19.26 19.26	1.00	YES	337°N	19.53 19.53	1.00	YES								*North	*North		*North	*North
	R4	Floorplan	Residential	LKD	W4	Existing Proposed	22.46 22.47	1.00	YES	337°N	19.26 19.26	1.00	YES								*North	*North		*North	*North
	R5	Floorplan	Residential	LKD	W5	Existing Proposed	23.90 22.47	0.94	YES	325°N	22.46 22.47	1.00	YES								*North	*North		*North	*North
					W6	Existing Proposed	24.29 22.25	0.92	YES	314°N											*North	*North		*North	*North
					W7	Existing Proposed	24.64 22.07	0.90	YES	303°N											*North	*North		*North	*North
					W8	Existing Proposed	24.99 21.99	0.88	YES	292°N											*North	*North		*North	*North
					W9	Existing Proposed	25.36 22.01	0.87	YES	280°N											*North	*North		*North	*North
	R6	Floorplan	Residential	Bedroom	W10	Existing Proposed	20.43 16.71	0.82	YES	267°	24.63 22.16	0.90	YES	28.00 25.00	0.89	YES	4.00 4.00	1.00	YES		*North	*North		*North	*North
	R7	Floorplan	Residential	LKD	W11	Existing Proposed	19.87 16.02	0.81	YES	267°	20.43 16.71	0.82	YES	27.00 25.00	0.93	YES	3.00 3.00	1.00	YES	28.00 25.00	0.89	YES	4.00 4.00	1.00	YES
					W12	Existing Proposed	17.17 13.40	0.78	NO	267°	17.80 14.01	0.79	NO	19.00 15.00	0.79	YES	0.00 0.00	1.00	YES				3.00 3.00	1.00	YES
Third	R1	Floorplan	Residential	LKD	W1	Existing Proposed	24.55 24.55	1.00	YES	337°N															
	R2	Floorplan	Residential	Bedroom	W2	Existing Proposed	20.80 20.80	1.00	YES	337°N	24.55 24.55	1.00	YES								*North	*North		*North	*North
	R3	Floorplan	Residential	Bedroom	W3	Existing Proposed	20.53 20.53	1.00	YES	337°N	20.80 20.80	1.00	YES								*North	*North		*North	*North
	R4	Floorplan	Residential	LKD	W4	Existing Proposed	23.89 23.89	1.00	YES	337°N	20.53 20.53	1.00	YES								*North	*North		*North	*North
	R5	Floorplan	Residential	LKD	W5	Existing Proposed	25.30 23.82	0.94	YES	325°N	23.89 23.89	1.00	YES								*North	*North		*North	*North
					W6	Existing Proposed	25.64 23.55	0.92	YES	314°N											*North	*North		*North	*North
					W7	Existing Proposed	25.96 23.32	0.90	YES	303°N											*North	*North		*North	*North
					W8	Existing Proposed	26.32 23.24	0.88	YES	292°N											*North	*North		*North	*North
					W9	Existing Proposed	26.71 23.27	0.87	YES	280°N											*North	*North		*North	*North

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight & Sunlight Analysis - VSC & APSH - Base Scenario  
 Date of Analysis: 18/07/2025

Floor Ref.	Room Ref.	Layout Info	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria
	R6	Floorplan	Residential	Bedroom	W10	Existing Proposed	21.72 17.93	0.83	YES	25.98 23.45	0.90	YES	29.00 25.00	0.86	YES	4.00 4.00	1.00	YES	*North	*North		*North	*North	
	R7	Floorplan	Residential	LKD	W11	Existing Proposed	21.26 17.34	0.82	YES	21.72 17.93	0.83	YES	28.00 25.00	0.89	YES	3.00 3.00	1.00	YES	29.00 25.00	0.86	YES	4.00 4.00	1.00	YES
					W12	Existing Proposed	18.56 14.71	0.79	NO	19.21 15.35	0.80	YES	19.00 15.00	0.79	YES	0.00 0.00	1.00	YES	28.00 25.00	0.89	YES	3.00 3.00	1.00	YES
Fourth	R1	Floorplan	Residential	LKD	W1	Existing Proposed	26.03 26.03	1.00	YES										*North	*North		*North	*North	
	R2	Floorplan	Residential	Bedroom	W2	Existing Proposed	22.14 22.14	1.00	YES	26.03 26.03	1.00	YES							*North	*North		*North	*North	
	R3	Floorplan	Residential	Bedroom	W3	Existing Proposed	21.87 21.87	1.00	YES	22.14 22.14	1.00	YES							*North	*North		*North	*North	
	R4	Floorplan	Residential	LKD	W4	Existing Proposed	25.39 25.39	1.00	YES	21.87 21.87	1.00	YES							*North	*North		*North	*North	
	R5	Floorplan	Residential	LKD	W5	Existing Proposed	26.74 25.24	0.94	YES	25.39 25.39	1.00	YES							*North	*North		*North	*North	
					W6	Existing Proposed	27.03 24.90	0.92	YES										*North	*North		*North	*North	
					W7	Existing Proposed	27.31 24.63	0.90	YES										*North	*North		*North	*North	
					W8	Existing Proposed	27.65 24.53	0.89	YES										*North	*North		*North	*North	
					W9	Existing Proposed	28.07 24.59	0.88	YES										*North	*North		*North	*North	
	R6	Floorplan	Residential	Bedroom	W10	Existing Proposed	23.06 19.23	0.83	YES	27.36 24.79	0.91	YES	32.00 28.00	0.88	YES	5.00 5.00	1.00	YES	32.00 28.00	0.88	YES	5.00 5.00	1.00	YES
	R7	Floorplan	Residential	LKD	W11	Existing Proposed	22.71 18.75	0.83	YES	23.06 19.23	0.83	YES	29.00 26.00	0.90	YES	3.00 3.00	1.00	YES	29.00 26.00	0.88	YES	3.00 3.00	1.00	YES
					W12	Existing Proposed	19.91 15.99	0.80	YES	20.59 16.66	0.81	YES	21.00 17.00	0.81	YES	0.00 0.00	1.00	YES	29.00 26.00	0.90	YES	3.00 3.00	1.00	YES
	R8	Floorplan	Residential	Bedroom	W13	Existing Proposed	21.97 18.61	0.85	YES				18.00 13.00	0.72	NO	0.00 0.00	1.00	YES	18.00 13.00	0.72	NO	0.00 0.00	1.00	YES
	R9	Floorplan	Residential	LKD	W14	Existing Proposed	24.25 21.30	0.88	YES	21.97 18.61	0.85	YES	27.00 23.00	0.85	YES	3.00 3.00	1.00	YES	27.00 23.00	0.85	YES	3.00 3.00	1.00	YES
					W15	Existing Proposed	23.52 21.04	0.89	YES				23.00 22.00	0.96	YES	3.00 3.00	1.00	YES	27.00 23.00	0.85	YES	3.00 3.00	1.00	YES
	R10	Floorplan	Residential	Bedroom	W16	Existing Proposed	19.79 17.62	0.89	YES	23.88 21.17	0.89	YES	11.00 10.00	0.91	YES	0.00 0.00	1.00	YES	11.00 10.00	0.91	YES	0.00 0.00	1.00	YES
	R11	Floorplan	Residential	LKD	W17	Existing Proposed	21.86 19.72	0.90	YES	19.79 17.62	0.89	YES	21.00 20.00	0.95	YES	3.00 3.00	1.00	YES	21.00 20.00	0.95	YES	3.00 3.00	1.00	YES
					W18	Existing	21.23	0.90	YES				21.00	0.95	YES	3.00	1.00	YES	21.00	0.95	YES	3.00	1.00	YES

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight & Sunlight Analysis - VSC & APSH - Base Scenario  
 Date of Analysis: 18/07/2025

Floor Ref.	Room Ref.	Layout Info	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria	
						Proposed 19.13				21.55 19.43	0.90	YES	20.00			3.00			21.00 20.00	0.95	YES	3.00 3.00	1.00	YES	
Fifth	R1	Floorplan	Residential	LKD	W1	Existing 27.56 Proposed 27.56	1.00	YES	337°N	27.56 27.56	1.00	YES		*North	*North					*North	*North				
	R2	Floorplan	Residential	Bedroom	W2	Existing 23.52 Proposed 23.52	1.00	YES	337°N	23.52 23.52	1.00	YES		*North	*North					*North	*North				
	R3	Floorplan	Residential	Bedroom	W3	Existing 23.26 Proposed 23.26	1.00	YES	337°N	23.26 23.26	1.00	YES		*North	*North					*North	*North				
	R4	Floorplan	Residential	LKD	W4	Existing 26.95 Proposed 26.95	1.00	YES	337°N	26.95 26.95	1.00	YES		*North	*North					*North	*North				
	R5	Floorplan	Residential	LKD	W5	Existing 28.20 Proposed 26.69	0.95	YES	325°N					*North	*North					*North	*North				
					W6	Existing 28.42 Proposed 26.28	0.92	YES	314°N					*North	*North					*North	*North				
					W7	Existing 28.67 Proposed 25.97	0.91	YES	303°N					*North	*North					*North	*North				
					W8	Existing 29.01 Proposed 25.86	0.89	YES	292°N					*North	*North					*North	*North				
					W9	Existing 29.45 Proposed 25.94	0.88	YES	280°N					*North	*North					*North	*North				
	R6	Floorplan	Residential	Bedroom	W10	Existing 24.45 Proposed 20.58	0.84	YES	267°	28.75 26.16	0.91	YES	36.00 32.00	0.89	YES	8.00 8.00	1.00	YES		*North	*North			*North	*North
										24.45 20.58	0.84	YES							36.00 32.00	0.89	YES	8.00 8.00	1.00	YES	
	R7	Floorplan	Residential	LKD	W11	Existing 24.23 Proposed 20.22	0.83	YES	267°				33.00 30.00	0.91	YES	6.00 6.00	1.00	YES							
					W12	Existing 21.33 Proposed 17.36	0.81	YES	267°				23.00 19.00	0.83	YES	1.00 1.00	1.00	YES							
										22.03 18.05	0.82	YES							33.00 30.00	0.91	YES	6.00 6.00	1.00	YES	
	R8	Floorplan	Residential	Bedroom	W13	Existing 23.65 Proposed 20.07	0.85	YES	267°				21.00 16.00	0.76	NO	1.00 1.00	1.00	YES							
										23.65 20.07	0.85	YES							21.00 16.00	0.76	NO	1.00 1.00	1.00	YES	
	R9	Floorplan	Residential	LKD	W14	Existing 26.38 Proposed 23.13	0.88	YES	267°				31.00 26.00	0.84	YES	4.00 4.00	1.00	YES							
					W15	Existing 25.80 Proposed 22.90	0.89	YES	267°				29.00 27.00	0.93	YES	4.00 4.00	1.00	YES							
										26.09 23.01	0.88	YES							32.00 27.00	0.84	YES	4.00 4.00	1.00	YES	
	R10	Floorplan	Residential	Bedroom	W16	Existing 21.89 Proposed 19.23	0.88	YES	267°				16.00 14.00	0.88	YES	0.00 0.00	1.00	YES							
										21.89 19.23	0.88	YES							16.00 14.00	0.88	YES	0.00 0.00	1.00	YES	
	R11	Floorplan	Residential	LKD	W17	Existing 24.44 Proposed 21.80	0.89	YES	267°				25.00 23.00	0.92	YES	3.00 3.00	1.00	YES							
					W18	Existing 23.93 Proposed 21.32	0.89	YES	267°				24.00 22.00	0.92	YES	3.00 3.00	1.00	YES							
										24.19 21.56	0.89	YES							25.00 23.00	0.92	YES	3.00 3.00	1.00	YES	
Sixth	R1	Floorplan	Residential	LKD	W1	Existing 29.12 Proposed 29.12	1.00	YES	337°N	29.12 29.12	1.00	YES		*North	*North					*North	*North				
	R2	Floorplan	Residential	Bedroom	W2	Existing 24.92 Proposed 24.92	1.00	YES	337°N					*North	*North					*North	*North				





Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight & Sunlight Analysis - VSC & APSH - Base Scenario  
 Date of Analysis: 18/07/2025

Floor Ref.	Room Ref.	Layout Info	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria	
					W9	Existing Proposed	33.52 29.92	0.89	YES	280°N						*North	*North	*North	*North						
	R6	Floorplan	Residential	Bedroom	W10	Existing Proposed	28.55 24.58	0.86	YES	267°	32.91 30.25	0.92	YES	40.00 36.00	0.90	YES	11.00 11.00	1.00	YES	*North	*North	*North	*North		
	R7	Floorplan	Residential	LKD	W11	Existing Proposed	28.74 24.63	0.86	YES	267°	28.55 24.58	0.86	YES	39.00 36.00	0.92	YES	10.00 10.00	1.00	YES	0.90	YES	11.00	1.00	YES	
					W12	Existing Proposed	25.68 21.53	0.84	YES	267°				29.00 25.00	0.86	YES	5.00 5.00	1.00	YES						
	R8	Floorplan	Residential	Bedroom	W13	Existing Proposed	28.85 24.61	0.85	YES	267°	26.42 22.28	0.84	YES	26.00 21.00	0.81	YES	4.00 4.00	1.00	YES	0.92	YES	10.00	1.00	YES	
	R9	Floorplan	Residential	LKD	W14	Existing Proposed	32.94 28.73	0.87	YES	267°	28.85 24.61	0.85	YES	38.00 33.00	0.87	YES	9.00 9.00	1.00	YES	0.81	YES	4.00	1.00	YES	
					W15	Existing Proposed	32.87 28.66	0.87	YES	267°				37.00 33.00	0.89	YES	9.00 9.00	1.00	YES						
	R10	Floorplan	Residential	Bedroom	W16	Existing Proposed	28.62 24.40	0.85	YES	267°	32.90 28.69	0.87	YES	26.00 20.00	0.77	NO	4.00 4.00	1.00	YES	0.87	YES	9.00	1.00	YES	
	R11	Floorplan	Residential	LKD	W17	Existing Proposed	32.67 28.41	0.87	YES	267°	28.62 24.40	0.85	YES	38.00 32.00	0.84	YES	9.00 9.00	1.00	YES	0.77	NO	4.00	1.00	YES	
					W18	Existing Proposed	32.62 28.35	0.87	YES	267°				38.00 32.00	0.84	YES	9.00 9.00	1.00	YES						
										32.65 28.38	0.87	YES													
Ninth	R1	Floorplan	Residential	LKD	W1	Existing Proposed	33.24 33.24	1.00	YES	337°N	33.24 33.24	1.00	YES			*North	*North	*North	*North						
	R2	Floorplan	Residential	Bedroom	W2	Existing Proposed	28.68 28.68	1.00	YES	337°N	28.68 28.68	1.00	YES			*North	*North	*North	*North						
	R3	Floorplan	Residential	Bedroom	W3	Existing Proposed	28.54 28.54	1.00	YES	337°N	28.54 28.54	1.00	YES			*North	*North	*North	*North						
	R4	Floorplan	Residential	LKD	W4	Existing Proposed	32.88 32.88	1.00	YES	337°N	32.88 32.88	1.00	YES			*North	*North	*North	*North						
	R5	Floorplan	Residential	LKD	W5	Existing Proposed	33.94 32.37	0.95	YES	325°N						*North	*North	*North	*North						
					W6	Existing Proposed	33.95 31.73	0.93	YES	314°N						*North	*North	*North	*North						
					W7	Existing Proposed	34.03 31.24	0.92	YES	303°N						*North	*North	*North	*North						
					W8	Existing Proposed	34.26 31.01	0.91	YES	292°N						*North	*North	*North	*North						
					W9	Existing Proposed	34.63 31.00	0.90	YES	280°N						*North	*North	*North	*North						
	R6	Floorplan	Residential	Bedroom	W10	Existing Proposed	29.57 25.56	0.86	YES	267°	34.16 31.48	0.92	YES	41.00 37.00	0.90	YES	12.00 12.00	1.00	YES	*North	*North	*North	*North		
	R7	Floorplan	Residential	LKD	W11	Existing	29.85	0.86	YES	267°	29.57 25.56	0.86	YES	41.00	0.93	YES	12.00	1.00	YES	0.90	YES	12.00	1.00	YES	

Project Name: Central Square, Cardiff  
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 Report Title: Daylight & Sunlight Analysis - VSC & APSH - Base Scenario  
 Date of Analysis: 18/07/2025

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					W12	Proposed 25.70 Existing 26.74 Proposed 22.55	0.84	YES	267*				38.00 31.00 27.00			12.00 7.00 7.00									
	R8	Floorplan	Residential	Bedroom	W13	Existing 30.17 Proposed 25.74	0.85	YES	267*	27.49 23.31	0.85	YES	28.00 23.00	0.82	YES	6.00 6.00	1.00	YES	41.00 38.00	0.93	YES	12.00 12.00	1.00	YES	
	R9	Floorplan	Residential	LKD	W14	Existing 34.57 Proposed 30.08	0.87	YES	267*	30.17 25.74	0.85	YES	40.00 23.00	0.88	YES	11.00 6.00	1.00	YES	28.00 23.00	0.82	YES	6.00 6.00	1.00	YES	
					W15	Existing 34.64 Proposed 30.06	0.87	YES	267*				39.00 35.00	0.90	YES	11.00 11.00	1.00	YES							
	R10	Floorplan	Residential	Bedroom	W16	Existing 30.40 Proposed 25.75	0.85	YES	267*	34.61 30.07	0.87	YES	28.00 22.00	0.79	NO	6.00 6.00	1.00	YES	40.00 35.00	0.88	YES	11.00 11.00	1.00	YES	
	R11	Floorplan	Residential	LKD	W17	Existing 34.77 Proposed 30.06	0.86	YES	267*	30.40 25.75	0.85	YES	40.00 34.00	0.85	YES	11.00 11.00	1.00	YES	28.00 22.00	0.79	NO	6.00 6.00	1.00	YES	
					W18	Existing 34.83 Proposed 30.10	0.86	YES	267*				40.00 34.00	0.85	YES	11.00 11.00	1.00	YES							
										34.80 30.08	0.86	YES							40.00 34.00	0.85	YES	11.00 11.00	1.00	YES	
Tenth	R1	Floorplan	Residential	LKD	W1	Existing 34.41 Proposed 34.41	1.00	YES	337°N																
	R2	Floorplan	Residential	Bedroom	W2	Existing 29.75 Proposed 29.75	1.00	YES	337°N	34.41 34.41	1.00	YES													
	R3	Floorplan	Residential	Bedroom	W3	Existing 29.63 Proposed 29.63	1.00	YES	337°N	29.75 29.75	1.00	YES													
	R4	Floorplan	Residential	LKD	W4	Existing 34.14 Proposed 34.14	1.00	YES	337°N	29.63 29.63	1.00	YES													
	R5	Floorplan	Residential	LKD	W5	Existing 35.21 Proposed 33.64	0.96	YES	325°N	34.14 34.14	1.00	YES													
					W6	Existing 35.18 Proposed 32.95	0.94	YES	314°N																
					W7	Existing 35.17 Proposed 32.36	0.92	YES	303°N																
					W8	Existing 35.29 Proposed 32.02	0.91	YES	292°N																
					W9	Existing 35.52 Proposed 31.88	0.90	YES	280°N																
	R6	Floorplan	Residential	Bedroom	W10	Existing 30.19 Proposed 26.17	0.87	YES	267*	35.28 32.58	0.92	YES	41.00 37.00	0.90	YES	12.00 12.00	1.00	YES							
	R7	Floorplan	Residential	LKD	W11	Existing 30.47 Proposed 26.31	0.86	YES	267*	30.19 26.17	0.87	YES	41.00 38.00	0.93	YES	12.00 12.00	1.00	YES	41.00 37.00	0.90	YES	12.00 12.00	1.00	YES	
					W12	Existing 27.29 Proposed 23.08	0.85	YES	267*				31.00 27.00	0.87	YES	7.00 7.00	1.00	YES							
	R8	Floorplan	Residential	Bedroom	W13	Existing 30.81 Proposed 26.36	0.86	YES	267*	28.06 23.86	0.85	YES	28.00 23.00	0.82	YES	6.00 6.00	1.00	YES	41.00 38.00	0.93	YES	12.00 12.00	1.00	YES	
										30.81 26.36	0.86	YES							28.00 23.00	0.82	YES	6.00 6.00	1.00	YES	

Project Name: Central Square, Cardiff  
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 Date of Analysis: 18/07/2025

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	R9	Floorplan	Residential	LKD	W14	Existing 35.27 Proposed 30.76	0.87	YES	267*	35.31 30.74	0.87	YES	40.00	0.88	YES	11.00	1.00	YES	40.00 35.00	0.88	YES	11.00 11.00	1.00	YES	
					W15	Existing 35.34 Proposed 30.73	0.87	YES	267*				40.00	0.88	YES	11.00	1.00	YES							
	R10	Floorplan	Residential	Bedroom	W16	Existing 31.04 Proposed 26.36	0.85	YES	267*	31.04 26.36	0.85	YES	28.00	0.79	NO	6.00	1.00	YES	28.00 22.00	0.79	NO	6.00 6.00	1.00	YES	
	R11	Floorplan	Residential	LKD	W17	Existing 35.49 Proposed 30.76	0.87	YES	267*	35.52 30.78	0.87	YES	41.00	0.85	YES	11.00	1.00	YES	41.00 35.00	0.85	YES	11.00 11.00	1.00	YES	
W18					Existing 35.56 Proposed 30.80	0.87	YES	267*	41.00				0.85	YES	11.00	1.00	YES								
Eleventh	R1	Floorplan	Residential	LKD	W1	Existing 35.14 Proposed 35.14	1.00	YES	337°N	35.14 35.14	1.00	YES													
	R2	Floorplan	Residential	Bedroom	W2	Existing 30.36 Proposed 30.36	1.00	YES	337°N	30.36 30.36	1.00	YES													
	R3	Floorplan	Residential	Bedroom	W3	Existing 30.26 Proposed 30.26	1.00	YES	337°N	30.26 30.26	1.00	YES													
	R4	Floorplan	Residential	LKD	W4	Existing 34.93 Proposed 34.93	1.00	YES	337°N	34.93 34.93	1.00	YES													
	R5	Floorplan	Residential	LKD	W5	Existing 36.07 Proposed 34.49	0.96	YES	325°N	36.09 33.39	0.93	YES													
					W6	Existing 36.04 Proposed 33.80	0.94	YES	314°N																
					W7	Existing 36.01 Proposed 33.19	0.92	YES	303°N																
					W8	Existing 36.09 Proposed 32.81	0.91	YES	292°N																
					W9	Existing 36.25 Proposed 32.59	0.90	YES	280°N																
	R6	Floorplan	Residential	Bedroom	W10	Existing 30.70 Proposed 26.67	0.87	YES	267*	30.70 26.67	0.87	YES	41.00	0.90	YES	12.00	1.00	YES	41.00 37.00	0.90	YES	12.00 12.00	1.00	YES	
	R7	Floorplan	Residential	LKD	W11	Existing 30.97 Proposed 26.79	0.87	YES	267*	28.66 24.45	0.85	YES	41.00	0.93	YES	12.00	1.00	YES	41.00 38.00	0.93	YES	12.00 12.00	1.00	YES	
					W12	Existing 27.92 Proposed 23.70	0.85	YES	267*				31.00	0.87	YES	7.00	1.00	YES							
	R8	Floorplan	Residential	Bedroom	W13	Existing 31.37 Proposed 26.91	0.86	YES	267*	31.37 26.91	0.86	YES	29.00	0.83	YES	6.00	1.00	YES	29.00 24.00	0.83	YES	6.00 6.00	1.00	YES	
	R9	Floorplan	Residential	LKD	W14	Existing 35.83 Proposed 31.30	0.87	YES	267*	35.86 31.28	0.87	YES	41.00	0.88	YES	11.00	1.00	YES	41.00 36.00	0.88	YES	11.00 11.00	1.00	YES	
					W15	Existing 35.89 Proposed 31.27	0.87	YES	267*				41.00	0.88	YES	11.00	1.00	YES							
R10	Floorplan	Residential	Bedroom	W16	Existing 31.57 Proposed 26.88	0.85	YES	267*	31.57	0.85	YES	29.00	0.79	NO	6.00	1.00	YES	29.00 23.00	0.79	NO	6.00 6.00	1.00	YES		





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						Proposed 36.55																		
	R5	Floorplan	Residential	LKD	W5	Existing 37.90 Proposed 36.40	0.96	YES	325°N	36.55 36.55	1.00	YES		*North	*North		*North	*North		*North	*North		*North	*North
					W6	Existing 37.96 Proposed 35.83	0.94	YES	314°N					*North	*North		*North	*North		*North	*North		*North	*North
					W7	Existing 37.94 Proposed 35.25	0.93	YES	303°N					*North	*North		*North	*North		*North	*North		*North	*North
					W8	Existing 37.96 Proposed 34.82	0.92	YES	292°N					*North	*North		*North	*North		*North	*North		*North	*North
					W9	Existing 37.99 Proposed 34.49	0.91	YES	280°N					*North	*North		*North	*North		*North	*North		*North	*North
	R6	Floorplan	Residential	Bedroom	W10	Existing 31.93 Proposed 28.08	0.88	YES	267°	37.95 35.37	0.93	YES	42.00 38.00	0.90	YES	12.00 12.00	1.00	YES		*North	*North		*North	*North
					W11	Existing 32.14 Proposed 28.15	0.88	YES	267°				42.00 39.00	0.93	YES	12.00 12.00	1.00	YES		*North	*North		*North	*North
	R7	Floorplan	Residential	Bedroom	W12	Existing 31.95 Proposed 27.91	0.87	YES	267°	32.04 28.12	0.88	YES	45.00 41.00	0.91	YES	14.00 14.00	1.00	YES	42.00 39.00	0.93	YES	12.00	1.00	YES
Sixteenth	R1	Floorplan	Residential	LKD	W1	Existing 36.80 Proposed 36.80	1.00	YES	337°N					*North	*North		*North	*North		*North	*North		*North	*North
	R2	Floorplan	Residential	Bedroom	W2	Existing 31.48 Proposed 31.48	1.00	YES	337°N	36.80 36.80	1.00	YES		*North	*North		*North	*North		*North	*North		*North	*North
	R3	Floorplan	Residential	Bedroom	W3	Existing 31.43 Proposed 31.43	1.00	YES	337°N	31.48 31.48	1.00	YES		*North	*North		*North	*North		*North	*North		*North	*North
	R4	Floorplan	Residential	LKD	W4	Existing 36.72 Proposed 36.72	1.00	YES	337°N	31.43 31.43	1.00	YES		*North	*North		*North	*North		*North	*North		*North	*North
	R5	Floorplan	Residential	LKD	W5	Existing 38.11 Proposed 36.63	0.96	YES	325°N	36.72 36.72	1.00	YES		*North	*North		*North	*North		*North	*North		*North	*North
					W6	Existing 38.19 Proposed 36.09	0.95	YES	314°N					*North	*North		*North	*North		*North	*North		*North	*North
					W7	Existing 38.18 Proposed 35.53	0.93	YES	303°N					*North	*North		*North	*North		*North	*North		*North	*North
					W8	Existing 38.20 Proposed 35.11	0.92	YES	292°N					*North	*North		*North	*North		*North	*North		*North	*North
					W9	Existing 38.23 Proposed 34.78	0.91	YES	280°N					*North	*North		*North	*North		*North	*North		*North	*North
	R6	Floorplan	Residential	Bedroom	W10	Existing 32.13 Proposed 28.33	0.88	YES	267°	38.18 35.64	0.93	YES	42.00 38.00	0.90	YES	12.00 12.00	1.00	YES		*North	*North		*North	*North
					W11	Existing 32.32 Proposed 28.39	0.88	YES	267°				42.00 39.00	0.93	YES	12.00 12.00	1.00	YES		*North	*North		*North	*North
	R7	Floorplan	Residential	Bedroom	W12	Existing 32.11 Proposed 28.13	0.88	YES	267°	32.23 28.36	0.88	YES	45.00 41.00	0.91	YES	14.00 14.00	1.00	YES	42.00 39.00	0.93	YES	12.00	1.00	YES
Seventeenth	R1	Floorplan	Residential	LKD	W1	Existing 36.93 Proposed 36.93	1.00	YES	337°N	32.11 28.13	0.88	YES		*North	*North		*North	*North		*North	*North		*North	*North
														*North	*North		*North	*North		*North	*North		*North	*North

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	R2	Floorplan	Residential	Bedroom	W2	Existing 31.56 Proposed 31.56	1.00	YES	337°N	31.56 31.56	1.00	YES													
	R3	Floorplan	Residential	Bedroom	W3	Existing 31.51 Proposed 31.51	1.00	YES	337°N	31.51 31.51	1.00	YES													
	R4	Floorplan	Residential	LKD	W4	Existing 36.87 Proposed 36.87	1.00	YES	337°N	36.87 36.87	1.00	YES													
	R5	Floorplan	Residential	LKD	W5	Existing 38.29 Proposed 36.83	0.96	YES	325°N																
					W6	Existing 38.38 Proposed 36.32	0.95	YES	314°N																
					W7	Existing 38.37 Proposed 35.77	0.93	YES	303°N																
					W8	Existing 38.39 Proposed 35.35	0.92	YES	292°N																
					W9	Existing 38.41 Proposed 35.02	0.91	YES	280°N																
										38.37 35.87	0.93	YES													
	R6	Floorplan	Residential	Bedroom	W10	Existing 32.27 Proposed 28.54	0.88	YES	267°				42.00 38.00	0.90	YES	12.00 12.00	1.00	YES							
					W11	Existing 32.45 Proposed 28.59	0.88	YES	267°				42.00 39.00	0.93	YES	12.00 12.00	1.00	YES							
										32.36 28.57	0.88	YES							42.00 39.00	0.93	YES	12.00 12.00	1.00	YES	
	R7	Floorplan	Residential	Bedroom	W12	Existing 32.22 Proposed 28.31	0.88	YES	267°				45.00 41.00	0.91	YES	14.00 14.00	1.00	YES							
										32.22 28.31	0.88	YES							45.00 41.00	0.91	YES	14.00 14.00	1.00	YES	
Eighteenth	R1	Floorplan	Residential	LKD	W1	Existing 37.03 Proposed 37.03	1.00	YES	337°N	37.03 37.03	1.00	YES													
	R2	Floorplan	Residential	Bedroom	W2	Existing 31.64 Proposed 31.64	1.00	YES	337°N	31.64 31.64	1.00	YES													
	R3	Floorplan	Residential	Bedroom	W3	Existing 31.60 Proposed 31.60	1.00	YES	337°N	31.60 31.60	1.00	YES													
	R4	Floorplan	Residential	LKD	W4	Existing 36.97 Proposed 36.97	1.00	YES	337°N	36.97 36.97	1.00	YES													
	R5	Floorplan	Residential	LKD	W5	Existing 38.42 Proposed 36.98	0.96	YES	325°N																
					W6	Existing 38.52 Proposed 36.49	0.95	YES	314°N																
					W7	Existing 38.51 Proposed 35.95	0.93	YES	303°N																
					W8	Existing 38.53 Proposed 35.54	0.92	YES	292°N																
					W9	Existing 38.55 Proposed 35.21	0.91	YES	280°N																
										38.50 36.04	0.94	YES													
	R6	Floorplan	Residential	Bedroom	W10	Existing 32.38 Proposed 28.70	0.89	YES	267°				42.00 38.00	0.90	YES	12.00 12.00	1.00	YES							
					W11	Existing 32.55 Proposed 28.75	0.88	YES	267°				42.00 39.00	0.93	YES	12.00 12.00	1.00	YES							
										32.47	0.88	YES							42.00			12.00			

Project Name: Central Square, Cardiff  
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	R7	Floorplan	Residential	Bedroom	W12	Existing Proposed	32.30 28.45	0.88	YES	267*	28.73			45.00 41.00	0.91	YES	14.00 14.00	1.00	YES	39.00	0.93	YES	12.00	1.00	YES
										32.30 28.45	0.88	YES							45.00 41.00	0.91	YES	14.00 14.00	1.00	YES	
Nineteenth	R1	Floorplan	Residential	LKD	W1	Existing Proposed	37.12 37.12	1.00	YES	337*N	37.12	1.00	YES			*North	*North	*North	*North						
	R2	Floorplan	Residential	Bedroom	W2	Existing Proposed	31.71 31.71	1.00	YES	337*N	31.71	1.00	YES			*North	*North	*North	*North						
	R3	Floorplan	Residential	Bedroom	W3	Existing Proposed	31.68 31.68	1.00	YES	337*N	31.71	1.00	YES			*North	*North	*North	*North						
	R4	Floorplan	Residential	LKD	W4	Existing Proposed	37.07 37.07	1.00	YES	337*N	31.68	1.00	YES			*North	*North	*North	*North						
	R5	Floorplan	Residential	LKD	W5	Existing Proposed	38.53 37.12	0.96	YES	325*N	37.07	1.00	YES			*North	*North	*North	*North						
					W6	Existing Proposed	38.64 36.64	0.95	YES	314*N	37.07	1.00	YES			*North	*North	*North	*North						
					W7	Existing Proposed	38.63 36.12	0.94	YES	303*N	37.07	1.00	YES			*North	*North	*North	*North						
					W8	Existing Proposed	38.65 35.71	0.92	YES	292*N	37.07	1.00	YES			*North	*North	*North	*North						
					W9	Existing Proposed	38.67 35.39	0.92	YES	280*N	37.07	1.00	YES			*North	*North	*North	*North						
	R6	Floorplan	Residential	Bedroom	W10	Existing Proposed	32.47 28.86	0.89	YES	267*	38.62 36.20	0.94	YES	42.00 38.00	0.90	YES	12.00 12.00	1.00	YES						
					W11	Existing Proposed	32.64 28.91	0.89	YES	267*	32.56	0.89	YES	42.00 39.00	0.93	YES	12.00 12.00	1.00	YES						
	R7	Floorplan	Residential	Bedroom	W12	Existing Proposed	32.38 28.60	0.88	YES	267*	28.89	0.89	YES	45.00 41.00	0.91	YES	14.00 14.00	1.00	YES	42.00 39.00	0.93	YES	12.00 12.00	1.00	YES
										32.38 28.60	0.88	YES							45.00 41.00	0.91	YES	14.00 14.00	1.00	YES	
Twentieth	R1	Floorplan	Residential	LKD	W1	Existing Proposed	37.21 37.21	1.00	YES	337*N	37.21	1.00	YES			*North	*North	*North	*North						
	R2	Floorplan	Residential	Bedroom	W2	Existing Proposed	31.79 31.79	1.00	YES	337*N	37.21	1.00	YES			*North	*North	*North	*North						
	R3	Floorplan	Residential	Bedroom	W3	Existing Proposed	31.76 31.76	1.00	YES	337*N	31.79	1.00	YES			*North	*North	*North	*North						
	R4	Floorplan	Residential	LKD	W4	Existing Proposed	37.17 37.17	1.00	YES	337*N	31.76	1.00	YES			*North	*North	*North	*North						
	R5	Floorplan	Residential	LKD	W5	Existing Proposed	38.65 37.27	0.96	YES	325*N	37.17	1.00	YES			*North	*North	*North	*North						
					W6	Existing Proposed	38.76 36.80	0.95	YES	314*N	37.17	1.00	YES			*North	*North	*North	*North						
					W7	Existing Proposed	38.76 36.29	0.94	YES	303*N	37.17	1.00	YES			*North	*North	*North	*North						
					W8	Existing Proposed	38.78 35.89	0.93	YES	292*N	37.17	1.00	YES			*North	*North	*North	*North						









Project Name: Central Square, Cardiff  
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 Date of Analysis: 18/07/2025

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						Proposed 30.54																			
	R5	Floorplan	Residential	Bedroom	W7	Existing 33.04 Proposed 31.89	0.97	YES	50°N	23.76 22.58	0.95	YES								*North	*North		*North	*North	
	R6	Floorplan	Residential	LKD	W8	Existing 29.23 Proposed 27.73	0.95	YES	16°N	33.04 31.89	0.97	YES								*North	*North		*North	*North	
	R7	Floorplan	Residential	LKD	W9	Existing 32.77 Proposed 31.27	0.95	YES	16°N	29.23 27.73	0.95	YES								*North	*North		*North	*North	
	R8	Floorplan	Residential	Bedroom	W10	Existing 33.63 Proposed 32.13	0.96	YES	16°N	32.77 31.27	0.95	YES								*North	*North		*North	*North	
	R9	Floorplan	Residential	Bedroom	W11	Existing 34.32 Proposed 32.81	0.96	YES	16°N	33.63 32.13	0.96	YES								*North	*North		*North	*North	
	R10	Floorplan	Residential	LKD	W12	Existing 34.80 Proposed 33.31	0.96	YES	16°N	34.32 32.81	0.96	YES								*North	*North		*North	*North	
	R11	Floorplan	Residential	LKD	W13	Existing 35.02 Proposed 33.53	0.96	YES	16°N	34.80 33.31	0.96	YES								*North	*North		*North	*North	
	R12	Floorplan	Residential	Bedroom	W14	Existing 35.23 Proposed 33.76	0.96	YES	16°N	35.02 33.53	0.96	YES								*North	*North		*North	*North	
	R13	Floorplan	Residential	Studio	W15	Existing 20.41 Proposed 18.98	0.93	YES	16°N	35.23 33.76	0.96	YES								*North	*North		*North	*North	
	R14	Floorplan	Residential	Bedroom	W16	Existing 31.41 Proposed 29.99	0.95	YES	16°N	20.41 18.98	0.93	YES								*North	*North		*North	*North	
	R15	Floorplan	Residential	LKD	W17	Existing 22.35 Proposed 20.92	0.94	YES	16°N	31.41 29.99	0.95	YES								*North	*North		*North	*North	
	R16	Floorplan	Residential	Bedroom	W18	Existing 34.10 Proposed 32.70	0.96	YES	16°N	22.35 20.92	0.94	YES								*North	*North		*North	*North	
	R17	Floorplan	Residential	LKD	W19	Existing 35.66 Proposed 34.31	0.96	YES	16°N	34.10 32.70	0.96	YES								*North	*North		*North	*North	
					W20	Existing 23.20 Proposed 23.20	1.00	YES	106°				11.00 11.00 37.00 37.00	*North 1.00	*North YES	0.00 0.00 13.00 13.00	*North 1.00	*North YES		*North	*North		*North	*North	
	R18	Floorplan	Residential	Bedroom	W21	Existing 33.13 Proposed 33.13	1.00	YES	106°				29.43 28.76	0.98	YES					37.00 37.00	1.00	YES	13.00 13.00	1.00	YES
										33.13 33.13	1.00	YES	50.00 50.00	1.00	YES	15.00 15.00	1.00	YES		50.00 50.00	1.00	YES	15.00 15.00	1.00	YES
Fourth	R1	Floorplan	Residential	Bedroom	W1	Existing 37.80 Proposed 36.75	0.97	YES	320°N											*North	*North		*North	*North	
	R2	Floorplan	Residential	LKD	W2	Existing 37.74 Proposed 36.66	0.97	YES	320°N	37.80 36.75	0.97	YES								*North	*North		*North	*North	

Project Name: Central Square, Cardiff  
 Project No.: 200  
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					W3	Existing Proposed	35.21 33.91	0.96	YES																
	R3	Floorplan	Residential	Bedroom	W4	Existing Proposed	33.38 32.15	0.96	YES	36.77 35.60	0.97	YES													
	R4	Floorplan	Residential	Studio	W5	Existing Proposed	32.62 31.43	0.96	YES	33.38 32.15	0.96	YES													
					W6	Existing Proposed	33.42 32.23	0.96	YES																
	R5	Floorplan	Residential	Bedroom	W7	Existing Proposed	33.58 32.41	0.97	YES	32.84 31.65	0.96	YES													
	R6	Floorplan	Residential	LKD	W8	Existing Proposed	31.05 29.53	0.95	YES	33.58 32.41	0.97	YES													
	R7	Floorplan	Residential	LKD	W9	Existing Proposed	33.31 31.80	0.95	YES	31.05 29.53	0.95	YES													
	R8	Floorplan	Residential	Bedroom	W10	Existing Proposed	34.06 32.54	0.96	YES	33.31 31.80	0.95	YES													
	R9	Floorplan	Residential	Bedroom	W11	Existing Proposed	34.70 33.18	0.96	YES	34.06 32.54	0.96	YES													
	R10	Floorplan	Residential	LKD	W12	Existing Proposed	35.15 33.65	0.96	YES	34.70 33.18	0.96	YES													
	R11	Floorplan	Residential	LKD	W13	Existing Proposed	35.35 33.88	0.96	YES	35.15 33.65	0.96	YES													
	R12	Floorplan	Residential	Bedroom	W14	Existing Proposed	35.58 34.09	0.96	YES	35.35 33.88	0.96	YES													
	R13	Floorplan	Residential	Studio	W15	Existing Proposed	31.57 30.12	0.95	YES	35.58 34.09	0.96	YES													
	R14	Floorplan	Residential	Bedroom	W16	Existing Proposed	34.30 32.86	0.96	YES	31.57 30.12	0.95	YES													
	R15	Floorplan	Residential	LKD	W17	Existing Proposed	34.21 32.78	0.96	YES	34.30 32.86	0.96	YES													
	R16	Floorplan	Residential	Bedroom	W18	Existing Proposed	35.32 33.91	0.96	YES	34.21 32.78	0.96	YES													
	R17	Floorplan	Residential	LKD	W19	Existing Proposed	36.04 34.68	0.96	YES	35.32 33.91	0.96	YES	12.00 12.00 52.00 52.00	*North *North 1.00 1.00	*North *North YES YES	0.00 0.00 14.00 14.00	*North *North 1.00 1.00	YES YES							
					W20	Existing Proposed	34.74 34.74	1.00	YES	35.39	0.98	YES								52.00			14.00		





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	R13	Floorplan	Residential	Studio	W15	Existing 32.20 Proposed 30.75	0.95	YES	16°N	34.73										*North	*North		*North	*North	
	R14	Floorplan	Residential	Bedroom	W16	Existing 34.94 Proposed 33.50	0.96	YES	16°N	32.20 30.75	0.95	YES								*North	*North		*North	*North	
	R15	Floorplan	Residential	LKD	W17	Existing 34.88 Proposed 33.45	0.96	YES	16°N	34.94 33.50	0.96	YES								*North	*North		*North	*North	
	R16	Floorplan	Residential	Bedroom	W18	Existing 34.88 Proposed 33.45	0.96	YES	16°N	34.88 33.45	0.96	YES								*North	*North		*North	*North	
	R17	Floorplan	Residential	LKD	W19	Existing 36.71 Proposed 35.34	0.96	YES	16°N	35.97 34.55	0.96	YES	12.00	*North	*North	0.00	*North	*North			*North	*North		*North	*North
					W20	Existing 35.59 Proposed 35.59	1.00	YES	106°				12.00 52.00	1.00	YES	0.00 14.00	1.00	YES			*North	*North		*North	*North
	R18	Floorplan	Residential	Bedroom	W21	Existing 35.43 Proposed 35.43	1.00	YES	106°	36.15 35.46	0.98	YES	52.00 53.00	1.00	YES	14.00 17.00	1.00	YES	52.00 52.00	1.00	YES	14.00 14.00	1.00	YES	
										35.43 35.43	1.00	YES							53.00 53.00	1.00	YES	17.00 17.00	1.00	YES	
Seventh	R1	Floorplan	Residential	Bedroom	W1	Existing 38.50 Proposed 37.44	0.97	YES	320°N											*North	*North		*North	*North	
	R2	Floorplan	Residential	LKD	W2	Existing 38.46 Proposed 37.37	0.97	YES	320°N	38.50 37.44	0.97	YES									*North	*North		*North	*North
					W3	Existing 36.20 Proposed 34.87	0.96	YES	50°N											*North	*North		*North	*North	
	R3	Floorplan	Residential	Bedroom	W4	Existing 22.86 Proposed 21.61	0.95	YES	50°N	37.59 36.41	0.97	YES									*North	*North		*North	*North
	R4	Floorplan	Residential	Studio	W5	Existing 22.06 Proposed 20.86	0.95	YES	50°N	22.86 21.61	0.95	YES									*North	*North		*North	*North
					W6	Existing 32.98 Proposed 31.77	0.96	YES	50°N												*North	*North		*North	*North
	R5	Floorplan	Residential	Bedroom	W7	Existing 34.27 Proposed 33.10	0.97	YES	50°N	25.04 23.83	0.95	YES									*North	*North		*North	*North
	R6	Floorplan	Residential	LKD	W8	Existing 30.41 Proposed 28.89	0.95	YES	16°N	34.27 33.10	0.97	YES									*North	*North		*North	*North
	R7	Floorplan	Residential	LKD	W9	Existing 34.00 Proposed 32.49	0.96	YES	16°N	30.41 28.89	0.95	YES									*North	*North		*North	*North
	R8	Floorplan	Residential	Bedroom	W10	Existing 34.87 Proposed 33.36	0.96	YES	16°N	34.00 32.49	0.96	YES									*North	*North		*North	*North
	R9	Floorplan	Residential	Bedroom	W11	Existing 35.59 Proposed 34.06	0.96	YES	16°N	34.87 33.36	0.96	YES									*North	*North		*North	*North
										35.59 34.06	0.96	YES								*North	*North		*North	*North	





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	R5	Floorplan	Residential	Bedroom	W7	Existing 34.78 Proposed 33.61	0.97	YES	50°N	25.58 24.38	0.95	YES								*North	*North	*North	*North		
	R6	Floorplan	Residential	LKD	W8	Existing 32.39 Proposed 30.86	0.95	YES	16°N	34.78 33.61	0.97	YES								*North	*North	*North	*North		
	R7	Floorplan	Residential	LKD	W9	Existing 34.79 Proposed 33.29	0.96	YES	16°N	32.39 30.86	0.95	YES								*North	*North	*North	*North		
	R8	Floorplan	Residential	Bedroom	W10	Existing 35.56 Proposed 34.05	0.96	YES	16°N	34.79 33.29	0.96	YES								*North	*North	*North	*North		
	R9	Floorplan	Residential	Bedroom	W11	Existing 36.24 Proposed 34.73	0.96	YES	16°N	35.56 34.05	0.96	YES								*North	*North	*North	*North		
	R10	Floorplan	Residential	LKD	W12	Existing 36.73 Proposed 35.23	0.96	YES	16°N	36.24 34.73	0.96	YES								*North	*North	*North	*North		
	R11	Floorplan	Residential	LKD	W13	Existing 36.95 Proposed 35.47	0.96	YES	16°N	36.73 35.23	0.96	YES								*North	*North	*North	*North		
	R12	Floorplan	Residential	Bedroom	W14	Existing 37.18 Proposed 35.68	0.96	YES	16°N	36.95 35.47	0.96	YES								*North	*North	*North	*North		
	R13	Floorplan	Residential	Studio	W15	Existing 22.09 Proposed 20.65	0.93	YES	16°N	37.18 35.68	0.96	YES								*North	*North	*North	*North		
	R14	Floorplan	Residential	Bedroom	W16	Existing 32.74 Proposed 31.30	0.96	YES	16°N	22.09 20.65	0.93	YES								*North	*North	*North	*North		
	R15	Floorplan	Residential	LKD	W17	Existing 24.23 Proposed 22.80	0.94	YES	16°N	32.74 31.30	0.96	YES								*North	*North	*North	*North		
	R16	Floorplan	Residential	Bedroom	W18	Existing 35.69 Proposed 34.28	0.96	YES	16°N	24.23 22.80	0.94	YES								*North	*North	*North	*North		
	R17	Floorplan	Residential	LKD	W19	Existing 37.62 Proposed 36.25	0.96	YES	16°N	35.69 34.28	0.96	YES	12.00 12.00	*North	*North	0.00 0.00	*North	*North		*North	*North	*North	*North		
					W20	Existing 25.06 Proposed 25.06	1.00	YES	106°				40.00 40.00	1.00	YES	14.00 14.00	1.00	YES							
	R18	Floorplan	Residential	Bedroom	W21	Existing 35.24 Proposed 35.24	1.00	YES	106°	31.34 30.66	0.98	YES							40.00 40.00	1.00	YES	14.00 14.00	1.00	YES	
										35.24 35.24	1.00	YES							56.00 56.00	1.00	YES	17.00 17.00	1.00	YES	
Tenth	R1	Floorplan	Residential	Bedroom	W1	Existing 38.94 Proposed 37.89	0.97	YES	320°N											*North	*North	*North	*North		
	R2	Floorplan	Residential	LKD	W2	Existing 38.91 Proposed 37.84	0.97	YES	320°N	38.94 37.89	0.97	YES									*North	*North	*North	*North	
					W3	Existing 37.09	0.96	YES	50°N											*North	*North	*North	*North		

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						Proposed 35.78																		
	R3	Floorplan	Residential	Bedroom	W4	Existing 35.20 Proposed 33.97	0.97	YES	50°N	38.21 37.05	0.97	YES		*North	*North	*North	*North		*North	*North		*North	*North	
	R4	Floorplan	Residential	Studio	W5	Existing 34.38 Proposed 33.19	0.97	YES	50°N	35.20 33.97	0.97	YES		*North	*North	*North	*North		*North	*North		*North	*North	
					W6	Existing 35.12 Proposed 33.93	0.97	YES	50°N					*North	*North	*North	*North		*North	*North		*North	*North	
	R5	Floorplan	Residential	Bedroom	W7	Existing 35.21 Proposed 34.05	0.97	YES	50°N	34.58 33.39	0.97	YES		*North	*North	*North	*North		*North	*North		*North	*North	
	R6	Floorplan	Residential	LKD	W8	Existing 31.20 Proposed 29.70	0.95	YES	16°N	35.21 34.05	0.97	YES		*North	*North	*North	*North		*North	*North		*North	*North	
	R7	Floorplan	Residential	LKD	W9	Existing 34.83 Proposed 33.33	0.96	YES	16°N	31.20 29.70	0.95	YES		*North	*North	*North	*North		*North	*North		*North	*North	
	R8	Floorplan	Residential	Bedroom	W10	Existing 35.62 Proposed 34.11	0.96	YES	16°N	34.83 33.33	0.96	YES		*North	*North	*North	*North		*North	*North		*North	*North	
	R9	Floorplan	Residential	Bedroom	W11	Existing 36.44 Proposed 34.93	0.96	YES	16°N	35.62 34.11	0.96	YES		*North	*North	*North	*North		*North	*North		*North	*North	
	R10	Floorplan	Residential	LKD	W12	Existing 36.96 Proposed 35.47	0.96	YES	16°N	36.44 34.93	0.96	YES		*North	*North	*North	*North		*North	*North		*North	*North	
	R11	Floorplan	Residential	LKD	W13	Existing 37.19 Proposed 35.70	0.96	YES	16°N	36.96 35.47	0.96	YES		*North	*North	*North	*North		*North	*North		*North	*North	
	R12	Floorplan	Residential	Bedroom	W14	Existing 37.41 Proposed 35.94	0.96	YES	16°N	37.19 35.70	0.96	YES		*North	*North	*North	*North		*North	*North		*North	*North	
	R13	Floorplan	Residential	Studio	W15	Existing 22.35 Proposed 20.92	0.94	YES	16°N	37.41 35.94	0.96	YES		*North	*North	*North	*North		*North	*North		*North	*North	
	R14	Floorplan	Residential	Bedroom	W16	Existing 33.17 Proposed 31.74	0.96	YES	16°N	22.35 20.92	0.94	YES		*North	*North	*North	*North		*North	*North		*North	*North	
	R15	Floorplan	Residential	LKD	W17	Existing 24.49 Proposed 23.07	0.94	YES	16°N	33.17 31.74	0.96	YES		*North	*North	*North	*North		*North	*North		*North	*North	
	R16	Floorplan	Residential	Bedroom	W18	Existing 36.05 Proposed 34.64	0.96	YES	16°N	24.49 23.07	0.94	YES		*North	*North	*North	*North		*North	*North		*North	*North	
	R17	Floorplan	Residential	LKD	W19	Existing 37.93 Proposed 36.57	0.96	YES	16°N	36.05 34.64	0.96	YES	12.00 12.00	*North	*North	0.00 0.00	*North	*North		*North	*North		*North	*North
					W20	Existing 25.35 Proposed 25.35	1.00	YES	106°				41.00 41.00	1.00	YES	15.00 15.00	1.00	YES		*North	*North		*North	*North
										31.64 30.96	0.98	YES							41.00 41.00	1.00	YES	15.00 15.00	1.00	YES





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	R13	Floorplan	Residential	Studio	W15	Existing 35.55 Proposed 34.13	0.96	YES	16°N	35.55 34.13	0.96	YES	*North	*North	*North	*North									
	R14	Floorplan	Residential	Bedroom	W16	Existing 37.92 Proposed 36.51	0.96	YES	16°N	37.92 36.51	0.96	YES	*North	*North	*North	*North				*North	*North	*North	*North		
	R15	Floorplan	Residential	LKD	W17	Existing 38.16 Proposed 36.75	0.96	YES	16°N	38.16 36.75	0.96	YES	*North	*North	*North	*North				*North	*North	*North	*North		
	R16	Floorplan	Residential	Bedroom	W18	Existing 38.30 Proposed 36.90	0.96	YES	16°N	38.30 36.90	0.96	YES	*North	*North	*North	*North				*North	*North	*North	*North		
	R17	Floorplan	Residential	LKD	W19	Existing 38.41 Proposed 37.06	0.96	YES	16°N	38.41 37.06	0.96	YES	12.00 12.00	*North	*North	0.00 0.00	*North	*North				*North	*North	*North	*North
					W20	Existing 38.99 Proposed 38.99	1.00	YES	106°	38.99 38.99	1.00	YES	58.00 58.00	1.00	YES	18.00 18.00	1.00	YES				*North	*North	*North	*North
R18	Floorplan	Residential	Bedroom	W21	Existing 38.90 Proposed 38.90	1.00	YES	106°	38.90 38.90	1.00	YES	60.00 60.00	1.00	YES	20.00 20.00	1.00	YES				*North	*North	*North	*North	
					Existing 38.90 Proposed 38.90	1.00	YES	106°	38.90 38.90	1.00	YES	60.00 60.00	1.00	YES	20.00 20.00	1.00	YES				*North	*North	*North	*North	
Thirteenth	R1	Floorplan	Residential	LKD	W2	Existing 39.25 Proposed 38.20	0.97	YES	320°N				*North	*North	*North	*North									
					W3	Existing 37.58 Proposed 36.29	0.97	YES	50°N				*North	*North	*North	*North									
	R2	Floorplan	Residential	Bedroom	W4	Existing 24.26 Proposed 23.05	0.95	YES	50°N	38.61 37.47	0.97	YES								*North	*North	*North	*North		
						Existing 24.26 Proposed 23.05	0.95	YES	50°N	24.26 23.05	0.95	YES													
	R3	Floorplan	Residential	Studio	W5	Existing 23.32 Proposed 22.15	0.95	YES	50°N				*North	*North	*North	*North									
						Existing 34.04 Proposed 32.87	0.97	YES	50°N				*North	*North	*North	*North									
	R4	Floorplan	Residential	Bedroom	W7	Existing 35.38 Proposed 34.24	0.97	YES	50°N	26.24 25.07	0.96	YES								*North	*North	*North	*North		
						Existing 35.38 Proposed 34.24	0.97	YES	50°N	35.38 34.24	0.97	YES													
	R5	Floorplan	Residential	LKD	W8	Existing 32.91 Proposed 31.42	0.95	YES	16°N	32.91 31.42	0.95	YES								*North	*North	*North	*North		
	R6	Floorplan	Residential	LKD	W9	Existing 35.66 Proposed 34.18	0.96	YES	16°N	35.66 34.18	0.96	YES								*North	*North	*North	*North		
	R7	Floorplan	Residential	Bedroom	W10	Existing 36.39 Proposed 34.91	0.96	YES	16°N	36.39 34.91	0.96	YES								*North	*North	*North	*North		
	R8	Floorplan	Residential	Bedroom	W11	Existing 37.24 Proposed 35.75	0.96	YES	16°N	37.24 35.75	0.96	YES								*North	*North	*North	*North		
	R9	Floorplan	Residential	LKD	W12	Existing 37.75 Proposed 36.28	0.96	YES	16°N	37.75 36.28	0.96	YES								*North	*North	*North	*North		
	R10	Floorplan	Residential	LKD	W13	Existing 37.97	0.96	YES	16°N	37.97	0.96	YES								*North	*North	*North	*North		

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight & Sunlight Analysis - VSC & APSH - Base Scenario  
 Date of Analysis: 18/07/2025

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						Proposed 36.52				37.97 36.52	0.96	YES													
	R11	Floorplan	Residential	Bedroom	W14	Existing 38.18 Proposed 36.72	0.96	YES	16°N	38.18 36.72	0.96	YES	*North	*North	*North	*North			*North	*North		*North	*North		
	R12	Floorplan	Residential	Studio	W15	Existing 35.74 Proposed 34.33	0.96	YES	16°N	35.74 34.33	0.96	YES	*North	*North	*North	*North			*North	*North		*North	*North		
	R13	Floorplan	Residential	Bedroom	W16	Existing 38.11 Proposed 36.70	0.96	YES	16°N	38.11 36.70	0.96	YES	*North	*North	*North	*North			*North	*North		*North	*North		
	R14	Floorplan	Residential	LKD	W17	Existing 38.36 Proposed 36.95	0.96	YES	16°N	38.36 36.95	0.96	YES	*North	*North	*North	*North			*North	*North		*North	*North		
	R15	Floorplan	Residential	Bedroom	W18	Existing 38.50 Proposed 37.11	0.96	YES	16°N	38.50 37.11	0.96	YES	*North	*North	*North	*North			*North	*North		*North	*North		
	R16	Floorplan	Residential	LKD	W19	Existing 38.62 Proposed 37.27	0.97	YES	16°N	38.62 37.27	0.97	YES	*North	*North	*North	*North			*North	*North		*North	*North		
	R17	Floorplan	Residential	Bedroom	W20	Existing 39.53 Proposed 39.53	1.00	YES	106°	39.53 39.53	1.00	YES	60.00 60.00	1.00	YES	20.00 20.00	1.00	YES		60.00 60.00	1.00	YES	20.00 20.00	1.00	YES
Fourteenth	R1	Floorplan	Residential	Bedroom	W1	Existing 39.33 Proposed 38.32	0.97	YES	320°N	39.33 38.32	0.97	YES	*North	*North	*North	*North			*North	*North		*North	*North		
	R2	Floorplan	Residential	LKD	W2	Existing 39.32 Proposed 38.28	0.97	YES	320°N	39.32 38.28	0.97	YES	*North	*North	*North	*North			*North	*North		*North	*North		
					W3	Existing 37.75 Proposed 36.48	0.97	YES	50°N	37.75 36.48	0.97	YES	*North	*North	*North	*North			*North	*North		*North	*North		
	R3	Floorplan	Residential	Bedroom	W4	Existing 24.76 Proposed 23.56	0.95	YES	50°N	24.76 23.56	0.95	YES	*North	*North	*North	*North			*North	*North		*North	*North		
	R4	Floorplan	Residential	Studio	W5	Existing 23.85 Proposed 22.70	0.95	YES	50°N	23.85 22.70	0.95	YES	*North	*North	*North	*North			*North	*North		*North	*North		
					W6	Existing 34.61 Proposed 33.48	0.97	YES	50°N	34.61 33.48	0.97	YES	*North	*North	*North	*North			*North	*North		*North	*North		
	R5	Floorplan	Residential	Bedroom	W7	Existing 35.54 Proposed 34.41	0.97	YES	50°N	35.54 34.41	0.97	YES	*North	*North	*North	*North			*North	*North		*North	*North		
	R6	Floorplan	Residential	LKD	W8	Existing 31.87 Proposed 30.39	0.95	YES	16°N	31.87 30.39	0.95	YES	*North	*North	*North	*North			*North	*North		*North	*North		
	R7	Floorplan	Residential	LKD	W9	Existing 35.52 Proposed 34.05	0.96	YES	16°N	35.52 34.05	0.96	YES	*North	*North	*North	*North			*North	*North		*North	*North		
	R8	Floorplan	Residential	Bedroom	W10	Existing 36.39 Proposed 34.92	0.96	YES	16°N	36.39 34.92	0.96	YES	*North	*North	*North	*North			*North	*North		*North	*North		







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						Proposed 33.91																		
	R5	Floorplan	Residential	Bedroom	W7	Existing 35.95 Proposed 34.87	0.97	YES	50°N	28.33 27.22	0.96	YES		*North	*North	*North	*North		*North	*North		*North	*North	
	R6	Floorplan	Residential	LKD	W8	Existing 33.72 Proposed 32.31	0.96	YES	16°N	35.95 34.87	0.97	YES		*North	*North	*North	*North		*North	*North		*North	*North	
	R7	Floorplan	Residential	LKD	W9	Existing 36.62 Proposed 35.21	0.96	YES	16°N	33.72 32.31	0.96	YES		*North	*North	*North	*North		*North	*North		*North	*North	
	R8	Floorplan	Residential	Bedroom	W10	Existing 37.45 Proposed 36.04	0.96	YES	16°N	36.62 35.21	0.96	YES		*North	*North	*North	*North		*North	*North		*North	*North	
	R9	Floorplan	Residential	Bedroom	W11	Existing 38.23 Proposed 36.82	0.96	YES	16°N	37.45 36.04	0.96	YES		*North	*North	*North	*North		*North	*North		*North	*North	
	R10	Floorplan	Residential	LKD	W12	Existing 38.61 Proposed 37.21	0.96	YES	16°N	38.23 36.82	0.96	YES		*North	*North	*North	*North		*North	*North		*North	*North	
	R11	Floorplan	Residential	Bedroom	W13	Existing 38.75 Proposed 37.39	0.96	YES	16°N	38.61 37.21	0.96	YES		*North	*North	*North	*North		*North	*North		*North	*North	
	R12	Floorplan	Residential	LKD	W14	Existing 38.89 Proposed 37.51	0.96	YES	16°N	38.75 37.39	0.96	YES		*North	*North	*North	*North		*North	*North		*North	*North	
					W15	Existing 39.36 Proposed 39.36	1.00	YES	106°				12.00 12.00	*North	*North	0.00 0.00	*North	*North		*North	*North		*North	*North
					W16	Existing 39.26 Proposed 39.26	1.00	YES	106°				58.00 58.00	1.00	YES	18.00 18.00	1.00	YES		*North	*North		*North	*North
										39.16 38.63	0.99	YES							58.00 58.00	1.00	YES	18.00 18.00	1.00	YES
Nineteenth	R1	Floorplan	Residential	Bedroom	W1	Existing 36.84 Proposed 35.87	0.97	YES	320°N					*North	*North	*North	*North							
	R2	Floorplan	Residential	LKD	W2	Existing 39.49 Proposed 38.50	0.97	YES	320°N	36.84 35.87	0.97	YES		*North	*North	*North	*North					*North	*North	
					W3	Existing 38.27 Proposed 37.06	0.97	YES	50°N					*North	*North	*North	*North					*North	*North	
	R3	Floorplan	Residential	Bedroom	W4	Existing 25.10 Proposed 23.96	0.95	YES	50°N	39.02 37.95	0.97	YES		*North	*North	*North	*North					*North	*North	
	R4	Floorplan	Residential	Studio	W5	Existing 24.18 Proposed 23.09	0.95	YES	50°N	25.10 23.96	0.95	YES		*North	*North	*North	*North					*North	*North	
					W6	Existing 35.17 Proposed 34.09	0.97	YES	50°N					*North	*North	*North	*North					*North	*North	
	R5	Floorplan	Residential	Bedroom	W7	Existing 36.10 Proposed 35.03	0.97	YES	50°N	28.42 27.33	0.96	YES		*North	*North	*North	*North					*North	*North	
	R6	Floorplan	Residential	LKD	W8	Existing 34.10 Proposed 32.71	0.96	YES	16°N	36.10 35.03	0.97	YES		*North	*North	*North	*North					*North	*North	
										34.10 32.71	0.96	YES									*North	*North	*North	*North



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 Date of Analysis: 18/07/2025

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	R10	Floorplan	Residential	LKD	W12	Existing 38.94 Proposed 37.61	0.97	YES	16°N	37.34														
	R11	Floorplan	Residential	Bedroom	W13	Existing 39.03 Proposed 37.69	0.97	YES	16°N	38.94 37.61	0.97	YES												
	R12	Floorplan	Residential	LKD	W14	Existing 39.10 Proposed 37.79	0.97	YES	16°N	39.03 37.69	0.97	YES												
					W15	Existing 39.37 Proposed 39.37	1.00	YES	106°				12.00 12.00	*North	*North	0.00 0.00	*North	*North						
					W16	Existing 39.27 Proposed 39.27	1.00	YES	106°				58.00 58.00	1.00	YES	18.00 18.00	1.00	YES						
										39.24 38.74	0.99	YES							58.00 58.00	1.00	YES	18.00 18.00	1.00	YES
Twenty First	R1	Floorplan	Residential	Bedroom	W1	Existing 36.87 Proposed 35.94	0.97	YES	320°N															
	R2	Floorplan	Residential	LKD	W2	Existing 39.53 Proposed 38.57	0.98	YES	320°N	36.87 35.94	0.97	YES												
					W3	Existing 38.70 Proposed 37.53	0.97	YES	50°N															
	R3	Floorplan	Residential	Bedroom	W4	Existing 38.35 Proposed 37.26	0.97	YES	50°N	39.21 38.17	0.97	YES												
	R4	Floorplan	Residential	Studio	W5	Existing 37.88 Proposed 36.83	0.97	YES	50°N															
					W6	Existing 37.29 Proposed 36.26	0.97	YES	50°N															
	R5	Floorplan	Residential	Bedroom	W7	Existing 36.89 Proposed 35.86	0.97	YES	50°N	37.65 36.61	0.97	YES												
	R6	Floorplan	Residential	LKD	W8	Existing 32.68 Proposed 31.34	0.96	YES	16°N															
	R7	Floorplan	Residential	LKD	W9	Existing 38.13 Proposed 36.79	0.96	YES	16°N	36.89 35.86	0.97	YES												
	R8	Floorplan	Residential	Bedroom	W10	Existing 38.67 Proposed 37.33	0.97	YES	16°N															
	R9	Floorplan	Residential	Bedroom	W11	Existing 39.00 Proposed 37.67	0.97	YES	16°N	32.68 31.34	0.96	YES												
	R10	Floorplan	Residential	LKD	W12	Existing 39.12 Proposed 37.81	0.97	YES	16°N															
	R11	Floorplan	Residential	Bedroom	W13	Existing 39.17 Proposed 37.86	0.97	YES	16°N															
	R12	Floorplan	Residential	LKD	W14	Existing 39.21 Proposed 37.92	0.97	YES	16°N															
													13.00 13.00	*North	*North	0.00 0.00	*North	*North						

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					W15	Existing 39.37 Proposed 39.37	1.00	YES	106°				58.00 58.00 58.00	1.00	YES	18.00 18.00 18.00	1.00	YES							
					W16	Existing 39.28 Proposed 39.28	1.00	YES	106°	39.29 38.79	0.99	YES							59.00 59.00	1.00	YES	18.00 18.00	1.00	YES	
Twenty Second	R1	Floorplan	Residential	Bedroom	W1	Existing 33.12 Proposed 32.43	0.98	YES	16°N	33.12 32.43	0.98	YES			*North	*North	*North	*North							
	R2	Floorplan	Residential	Bedroom	W2	Existing 36.82 Proposed 35.52	0.96	YES	16°N	36.82 35.52	0.96	YES			*North	*North	*North	*North				*North	*North	*North	*North
	R3	Floorplan	Residential	Bedroom	W3	Existing 39.24 Proposed 37.92	0.97	YES	16°N	39.24 37.92	0.97	YES			*North	*North	*North	*North				*North	*North	*North	*North
	R4	Floorplan	Residential	LKD	W4	Existing 39.22 Proposed 37.91	0.97	YES	16°N	39.22 37.91	0.97	YES			*North	*North	*North	*North				*North	*North	*North	*North
	R5	Floorplan	Residential	Bedroom	W5	Existing 39.27 Proposed 37.97	0.97	YES	16°N	39.27 37.97	0.97	YES			*North	*North	*North	*North				*North	*North	*North	*North
	R6	Floorplan	Residential	LKD	W6	Existing 39.29 Proposed 38.01	0.97	YES	16°N	39.29 38.01	0.97	YES			*North	*North	*North	*North				*North	*North	*North	*North
	R7	Floorplan	Residential	Bedroom	W7	Existing 39.30 Proposed 38.02	0.97	YES	16°N	39.30 38.02	0.97	YES			*North	*North	*North	*North				*North	*North	*North	*North
	R8	Floorplan	Residential	LKD	W8	Existing 39.31 Proposed 38.05	0.97	YES	16°N	39.31 38.05	0.97	YES	13.00 13.00	*North	*North	0.00 0.00	*North	*North				*North	*North	*North	*North
					W9	Existing 39.37 Proposed 39.37	1.00	YES	106°				58.00 58.00	1.00	YES	18.00 18.00	1.00	YES							
					W10	Existing 39.27 Proposed 39.27	1.00	YES	106°				58.00 58.00	1.00	YES	18.00 18.00	1.00	YES							
										39.32 38.84	0.99	YES							59.00 59.00	1.00	YES	18.00 18.00	1.00	YES	
Twenty Third	R1	Floorplan	Residential	Bedroom	W1	Existing 39.51 Proposed 38.21	0.97	YES	16°N	39.51 38.21	0.97	YES			*North	*North	*North	*North							
	R2	Floorplan	Residential	Bedroom	W2	Existing 39.51 Proposed 38.24	0.97	YES	16°N	39.51 38.24	0.97	YES			*North	*North	*North	*North				*North	*North	*North	*North
	R3	Floorplan	Residential	Bedroom	W3	Existing 39.46 Proposed 38.18	0.97	YES	16°N	39.46 38.18	0.97	YES			*North	*North	*North	*North				*North	*North	*North	*North
	R4	Floorplan	Residential	LKD	W4	Existing 39.35 Proposed 38.07	0.97	YES	16°N	39.35 38.07	0.97	YES			*North	*North	*North	*North				*North	*North	*North	*North
	R5	Floorplan	Residential	Bedroom	W5	Existing 39.35 Proposed 38.07	0.97	YES	16°N	39.35 38.07	0.97	YES			*North	*North	*North	*North				*North	*North	*North	*North
	R6	Floorplan	Residential	LKD	W6	Existing 39.35 Proposed 38.09	0.97	YES	16°N	39.35 38.09	0.97	YES			*North	*North	*North	*North				*North	*North	*North	*North
	R7	Floorplan	Residential	Bedroom	W7	Existing 39.35	0.97	YES	16°N	39.35	0.97	YES			*North	*North	*North	*North				*North	*North	*North	*North



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	R6	Floorplan	Residential	LKD	W6	Existing 39.41 Proposed 38.19	0.97	YES	16°N	39.41 38.19	0.97	YES	*North	*North		*North	*North									
	R7	Floorplan	Residential	Bedroom	W7	Existing 39.41 Proposed 38.22	0.97	YES	16°N	39.41 38.22	0.97	YES	*North	*North		*North	*North				*North	*North		*North	*North	
	R8	Floorplan	Residential	Bedroom	W8	Existing 39.40 Proposed 38.21	0.97	YES	16°N				13.00	*North	*North	0.00	*North	*North				*North	*North		*North	*North
					W9	Existing 39.38 Proposed 39.38	1.00	YES	106°				13.00 58.00	1.00	YES	0.00 18.00	1.00	YES								
										39.39 38.80	0.99	YES							59.00 59.00	1.00	YES	18.00 18.00	1.00	YES		
Twenty Sixth	R1	Floorplan	Residential	Bedroom	W1	Existing 39.43 Proposed 38.24	0.97	YES	16°N	39.43 38.24	0.97	YES	*North	*North		*North	*North				*North	*North		*North	*North	
	R2	Floorplan	Residential	Bedroom	W2	Existing 39.43 Proposed 38.23	0.97	YES	16°N	39.43 38.23	0.97	YES	*North	*North		*North	*North				*North	*North		*North	*North	
	R3	Floorplan	Residential	Bedroom	W3	Existing 39.43 Proposed 38.23	0.97	YES	16°N	39.43 38.23	0.97	YES	*North	*North		*North	*North				*North	*North		*North	*North	
	R4	Floorplan	Residential	LKD	W4	Existing 39.43 Proposed 38.23	0.97	YES	16°N	39.43 38.23	0.97	YES	*North	*North		*North	*North				*North	*North		*North	*North	
	R5	Floorplan	Residential	Bedroom	W5	Existing 39.43 Proposed 38.24	0.97	YES	16°N	39.43 38.24	0.97	YES	*North	*North		*North	*North				*North	*North		*North	*North	
	R6	Floorplan	Residential	LKD	W6	Existing 39.43 Proposed 38.24	0.97	YES	16°N	39.43 38.24	0.97	YES	*North	*North		*North	*North				*North	*North		*North	*North	
	R7	Floorplan	Residential	Bedroom	W7	Existing 39.44 Proposed 38.27	0.97	YES	16°N	39.44 38.27	0.97	YES	*North	*North		*North	*North				*North	*North		*North	*North	
	R8	Floorplan	Residential	Bedroom	W8	Existing 39.43 Proposed 38.27	0.97	YES	16°N				13.00	*North	*North	0.00	*North	*North				*North	*North		*North	*North
					W9	Existing 39.38 Proposed 39.38	1.00	YES	106°				13.00 58.00	1.00	YES	0.00 18.00	1.00	YES								
										39.40 38.83	0.99	YES							59.00 59.00	1.00	YES	18.00 18.00	1.00	YES		
Twenty Seventh	R1	Floorplan	Residential	Bedroom	W1	Existing 39.45 Proposed 38.29	0.97	YES	16°N	39.45 38.29	0.97	YES	*North	*North		*North	*North				*North	*North		*North	*North	
	R2	Floorplan	Residential	Bedroom	W2	Existing 39.45 Proposed 38.28	0.97	YES	16°N	39.45 38.28	0.97	YES	*North	*North		*North	*North				*North	*North		*North	*North	
	R3	Floorplan	Residential	Bedroom	W3	Existing 39.45 Proposed 38.28	0.97	YES	16°N	39.45 38.28	0.97	YES	*North	*North		*North	*North				*North	*North		*North	*North	
	R4	Floorplan	Residential	LKD	W4	Existing 39.45 Proposed 38.29	0.97	YES	16°N	39.45 38.29	0.97	YES	*North	*North		*North	*North				*North	*North		*North	*North	
	R5	Floorplan	Residential	Bedroom	W5	Existing 39.45 Proposed 38.29	0.97	YES	16°N	39.45 38.29	0.97	YES	*North	*North		*North	*North				*North	*North		*North	*North	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight & Sunlight Analysis - VSC & APSH - Base Scenario  
 Date of Analysis: 18/07/2025

Floor Ref.	Room Ref.	Layout Info	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria	
	R6	Floorplan	Residential	LKD	W6	Existing 39.45 Proposed 38.30	0.97	YES	16°N	38.29										*North	*North		*North	*North	
	R7	Floorplan	Residential	Bedroom	W7	Existing 39.45 Proposed 38.32	0.97	YES	16°N	39.45 38.30	0.97	YES								*North	*North		*North	*North	
	R8	Floorplan	Residential	Bedroom	W8	Existing 39.45 Proposed 38.32	0.97	YES	16°N	39.45 38.32	0.97	YES								*North	*North		*North	*North	
					W9	Existing 39.38 Proposed 39.38	1.00	YES	106°				13.00 13.00 58.00 58.00	*North	*North	0.00 0.00 18.00 18.00	*North	*North	YES						
										39.41 38.85	0.99	YES							59.00 59.00	1.00	YES	18.00 18.00	1.00	YES	
Twenty Eighth	R1	Floorplan	Residential	Bedroom	W1	Existing 39.45 Proposed 38.34	0.97	YES	16°N											*North	*North		*North	*North	
					W10	Existing 39.62 Proposed 39.47	1.00	YES	286°N											*North	*North		*North	*North	
	R2	Floorplan	Residential	Bedroom	W2	Existing 39.45 Proposed 38.33	0.97	YES	16°N	39.53 38.90	0.98	YES									*North	*North		*North	*North
	R3	Floorplan	Residential	Bedroom	W3	Existing 39.45 Proposed 38.33	0.97	YES	16°N	39.45 38.33	0.97	YES									*North	*North		*North	*North
	R4	Floorplan	Residential	LKD	W4	Existing 39.45 Proposed 38.33	0.97	YES	16°N	39.45 38.33	0.97	YES									*North	*North		*North	*North
	R5	Floorplan	Residential	Bedroom	W5	Existing 39.45 Proposed 38.34	0.97	YES	16°N	39.45 38.33	0.97	YES									*North	*North		*North	*North
	R6	Floorplan	Residential	LKD	W6	Existing 39.45 Proposed 38.34	0.97	YES	16°N	39.45 38.34	0.97	YES									*North	*North		*North	*North
	R7	Floorplan	Residential	Bedroom	W7	Existing 39.45 Proposed 38.37	0.97	YES	16°N	39.45 38.34	0.97	YES									*North	*North		*North	*North
	R8	Floorplan	Residential	Bedroom	W8	Existing 39.45 Proposed 38.36	0.97	YES	16°N	39.45 38.37	0.97	YES									*North	*North		*North	*North
					W9	Existing 39.38 Proposed 39.38	1.00	YES	106°				13.00 13.00 58.00 58.00	*North	*North	0.00 0.00 18.00 18.00	*North	*North	YES						
										39.41 38.87	0.99	YES							59.00 59.00	1.00	YES	18.00 18.00	1.00	YES	
<b>Century Court</b>																									
Ground	R1	Floorplan	Residential	LD	W1	Existing 32.97 Proposed 31.96	0.97	YES	67°N											*North	*North		*North	*North	
					W2	Existing 33.00 Proposed 31.96	0.97	YES	67°N											*North	*North		*North	*North	
	R2	Floorplan	Residential	Unknown	W3	Existing 32.87 Proposed 31.73	0.97	YES	67°N	32.98 31.96	0.97	YES									*North	*North		*North	*North
	R3	Floorplan	Residential	Unknown	W4	Existing 34.33 Proposed 33.38	0.97	YES	92°	32.87 31.73	0.97	YES									*North	*North		*North	*North
										34.33	0.97	YES													
													49.00 49.00	1.00	YES	15.00 15.00	1.00	YES							
																			49.00			15.00			

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight & Sunlight Analysis - VSC & APSH - Base Scenario  
 Date of Analysis: 18/07/2025

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	R4	Floorplan	Residential	Unknown	W5	Existing 34.40 Proposed 33.46	0.97	YES	92°	33.38			49.00 49.00	1.00	YES	14.00 14.00	1.00	YES	49.00 49.00	1.00	YES	15.00 14.00	1.00	YES			
	R5	Floorplan	Residential	LD	W6	Existing 34.47 Proposed 33.53	0.97	YES	92°	34.40 33.46	0.97	YES	48.00 48.00	1.00	YES	13.00 13.00	1.00	YES	49.00 49.00	1.00	YES	14.00 14.00	1.00	YES			
					W7	Existing 34.49 Proposed 33.55	0.97	YES	92°	34.48 33.54	0.97	YES	48.00 48.00	1.00	YES	13.00 13.00	1.00	YES	48.00 48.00	1.00	YES	13.00 13.00	1.00	YES			
First	R1	Floorplan	Residential	LD	W1	Existing 27.34 Proposed 26.80	0.98	YES	12°N	27.64 27.09	0.98	YES			*North	*North	*North	*North									
					W2	Existing 27.93 Proposed 27.37	0.98	YES	12°N						*North	*North	*North	*North									
	R2	Floorplan	Residential	Bedroom	W3	Existing 28.69 Proposed 28.11	0.98	YES	12°N	28.69 28.11	0.98	YES			*North	*North	*North	*North				*North	*North	*North	*North		
	R3	Floorplan	Residential	LD	W4	Existing 27.68 Proposed 27.08	0.98	YES	12°N						*North	*North	*North	*North				*North	*North	*North	*North		
					W5	Existing 22.38 Proposed 22.38	1.00	YES	310°N						*North	*North	*North	*North									
					W6	Existing 31.82 Proposed 30.94	0.97	YES	39°N						*North	*North	*North	*North									
										28.21 27.64	0.98	YES															
	R4	Floorplan	Residential	LD	W7	Existing 32.25 Proposed 31.34	0.97	YES	39°N				22.00 22.00	*North	*North	3.00 3.00	*North	*North				*North	*North	*North	*North		
					W8	Existing 26.61 Proposed 26.27	0.99	YES	129°				37.00 37.00	1.00	YES	8.00 8.00	1.00	YES									
					W9	Existing 31.38 Proposed 30.41	0.97	YES	67°N Inc				36.00 36.00	*North	*North	9.00 9.00	*North	*North				*North	*North	*North	*North		
										30.53 29.76	0.97	YES										38.00 38.00	1.00	YES	9.00 9.00	1.00	YES
	R5	Floorplan	Residential	Bedroom	W10	Existing 32.99 Proposed 32.00	0.97	YES	67°N Inc						*North	*North	*North	*North									
										32.99 32.00	0.97	YES															
	R6	Floorplan	Residential	LD	W11	Existing 33.51 Proposed 32.48	0.97	YES	67°N						*North	*North	*North	*North									
					W12	Existing 33.61 Proposed 32.55	0.97	YES	67°N						*North	*North	*North	*North									
										33.56 32.51	0.97	YES															
	R7	Floorplan	Residential	Unknown	W13	Existing 33.82 Proposed 32.67	0.97	YES	67°N						*North	*North	*North	*North									
										33.82 32.67	0.97	YES															
	R8	Floorplan	Residential	Unknown	W14	Existing 34.77 Proposed 33.81	0.97	YES	92°				50.00 50.00	1.00	YES	15.00 15.00	1.00	YES				*North	*North	*North	*North		
										34.77 33.81	0.97	YES															
	R9	Floorplan	Residential	Unknown	W15	Existing 34.84 Proposed 33.89	0.97	YES	92°				49.00 49.00	1.00	YES	14.00 14.00	1.00	YES									
										34.84 33.89	0.97	YES															
	R10	Floorplan	Residential	LD	W16	Existing 34.89 Proposed 33.95	0.97	YES	92°				49.00 49.00	1.00	YES	14.00 14.00	1.00	YES									
					W17	Existing 34.92 Proposed 33.97	0.97	YES	92°				49.00 49.00	1.00	YES	14.00 14.00	1.00	YES									
										34.91 33.96	0.97	YES															
Second	R1	Floorplan	Residential	LD	W1	Existing 28.95 Proposed 28.41	0.98	YES	12°N						*North	*North	*North	*North									

Project Name: Central Square, Cardiff  
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 Report Title: Daylight & Sunlight Analysis - VSC & APSH - Base Scenario  
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					W2	Existing Proposed	29.45 28.88	0.98	YES	12°N						*North	*North	*North	*North								
	R2	Floorplan	Residential	Bedroom	W3	Existing Proposed	30.02 29.43	0.98	YES	12°N	29.20 28.65	0.98	YES			*North	*North	*North	*North			*North	*North	*North	*North		
	R3	Floorplan	Residential	LD	W4	Existing Proposed	28.86 28.25	0.98	YES	12°N	30.02 29.43	0.98	YES			*North	*North	*North	*North			*North	*North	*North	*North		
					W5	Existing Proposed	23.71 23.71	1.00	YES	310°N						*North	*North	*North	*North			*North	*North	*North	*North		
					W6	Existing Proposed	32.49 31.59	0.97	YES	39°N						*North	*North	*North	*North			*North	*North	*North	*North		
	R4	Floorplan	Residential	LD	W7	Existing Proposed	32.87 31.94	0.97	YES	39°N	29.94 29.29	0.98	YES	22.00 22.00	*North	*North	3.00 3.00	*North	*North			*North	*North	*North	*North		
					W8	Existing Proposed	26.98 26.63	0.99	YES	129°				38.00 38.00	1.00	YES	9.00 9.00	1.00	YES								
					W9	Existing Proposed	31.84 30.85	0.97	YES	67°N Inc				35.00 35.00	*North	*North	8.00 8.00	*North	*North								
	R5	Floorplan	Residential	Bedroom	W10	Existing Proposed	33.49 32.47	0.97	YES	67°N Inc	31.46 30.63	0.97	YES			*North	*North	*North	*North	38.00 38.00	1.00	YES	9.00 9.00	1.00	YES		
	R6	Floorplan	Residential	LD	W11	Existing Proposed	33.93 32.89	0.97	YES	67°N	33.49 32.47	0.97	YES			*North	*North	*North	*North			*North	*North	*North	*North		
					W12	Existing Proposed	34.03 32.96	0.97	YES	67°N						*North	*North	*North	*North			*North	*North	*North	*North		
	R7	Floorplan	Residential	Unknown	W13	Existing Proposed	34.28 33.11	0.97	YES	67°N	33.98 32.92	0.97	YES			*North	*North	*North	*North			*North	*North	*North	*North		
	R8	Floorplan	Residential	Unknown	W14	Existing Proposed	35.15 34.17	0.97	YES	92°	34.28 33.11	0.97	YES	50.00 50.00	1.00	YES	15.00 15.00	1.00	YES			*North	*North	*North	*North		
	R9	Floorplan	Residential	Unknown	W15	Existing Proposed	35.19 34.23	0.97	YES	92°	35.15 34.17	0.97	YES	49.00 49.00	1.00	YES	14.00 14.00	1.00	YES			50.00 50.00	1.00	YES	15.00 15.00	1.00	YES
	R10	Floorplan	Residential	LD	W16	Existing Proposed	35.19 34.23	0.97	YES	92°	35.19 34.23	0.97	YES	49.00 49.00	1.00	YES	14.00 14.00	1.00	YES			49.00 49.00	1.00	YES	14.00 14.00	1.00	YES
					W17	Existing Proposed	35.23 34.28	0.97	YES	92°	35.21 34.26	0.97	YES	49.00 49.00	1.00	YES	14.00 14.00	1.00	YES			49.00 49.00	1.00	YES	14.00 14.00	1.00	YES
Third	R1	Floorplan	Residential	LD	W1	Existing Proposed	30.65 30.09	0.98	YES	12°N						*North	*North	*North	*North								
					W2	Existing Proposed	30.99 30.40	0.98	YES	12°N						*North	*North	*North	*North								
	R2	Floorplan	Residential	Bedroom	W3	Existing Proposed	31.44 30.83	0.98	YES	12°N	30.82 30.25	0.98	YES			*North	*North	*North	*North			*North	*North	*North	*North		
	R3	Floorplan	Residential	LD	W4	Existing Proposed	30.11 29.49	0.98	YES	12°N	31.44 30.83	0.98	YES			*North	*North	*North	*North			*North	*North	*North	*North		
					W5	Existing Proposed	25.25 25.25	1.00	YES	310°N						*North	*North	*North	*North			*North	*North	*North	*North		
					W6	Existing	33.28	0.97	YES	39°N						*North	*North	*North	*North			*North	*North	*North	*North		





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	R4	Floorplan	Residential	LKD	W7	Existing 15.95 Proposed 15.45	0.97	YES	14°N				3.00 2.00	*North	*North	0.00 0.00	*North	*North							
					W8	Existing 23.47 Proposed 22.63	0.96	YES	104°				22.00 22.00	1.00	YES	3.00 3.00	1.00	YES							
					W9	Existing 16.14 Proposed 15.62	0.97	YES	13°N	16.45 15.92	0.97	YES	10.00 10.00	*North	*North	0.00 0.00	*North	*North	23.00 23.00	1.00	YES	3.00 3.00	1.00	YES	
	R5	Floorplan	Residential	Bedroom	W10	Existing 23.46 Proposed 22.95	0.98	YES	13°N				10.00 10.00	*North	*North	0.00 0.00	*North	*North							
					W11	Existing 23.85 Proposed 23.06	0.97	YES	104°	23.57 22.98	0.97	YES	23.00 23.00	1.00	YES	3.00 3.00	1.00	YES	23.00 23.00	1.00	YES	3.00 3.00	1.00	YES	
	R6	Floorplan	Residential	Bedroom	W12	Existing 16.72 Proposed 16.22	0.97	YES	13°N	16.72 16.22	0.97	YES		*North	*North		*North	*North							
	R7	Floorplan	Residential	LKD	W13	Existing 23.89 Proposed 23.36	0.98	YES	13°N				10.00 10.00	*North	*North	0.00 0.00	*North	*North							
					W14	Existing 30.31 Proposed 29.59	0.98	YES	104°				48.00 48.00	1.00	YES	13.00 13.00	1.00	YES							
					W15	Existing 27.82 Proposed 27.82	1.00	YES	193°	28.19 27.64	0.98	YES	75.00 75.00	1.00	YES	18.00 18.00	1.00	YES	86.00 86.00	1.00	YES	19.00 19.00	1.00	YES	
First	R1	Floorplan	Residential	LKD	W1	Existing 12.09 Proposed 11.39	0.94	YES	60°N	12.09 11.39	0.94	YES		*North	*North		*North	*North							
	R2	Floorplan	Residential	Bedroom	W2	Existing 12.39 Proposed 11.38	0.92	YES	60°N				20.00 18.00	*North	*North	4.00 4.00	*North	*North							
					W3	Existing 21.46 Proposed 21.15	0.99	YES	150°	13.68 12.77	0.93	YES	52.00 50.00	0.96	YES	9.00 9.00	1.00	YES	52.00 50.00	0.96	YES	9.00 9.00	1.00	YES	
	R3	Floorplan	Residential	LKD	W4	Existing 16.52 Proposed 16.52	1.00	YES	14°N					*North	*North		*North	*North							
					W5	Existing 13.92 Proposed 13.90	1.00	YES	14°N	14.29 14.28	1.00	YES		*North	*North		*North	*North							
	R4	Floorplan	Residential	LKD	W6	Existing 15.58 Proposed 15.08	0.97	YES	14°N					*North	*North		*North	*North							
					W7	Existing 16.60 Proposed 16.07	0.97	YES	13°N	15.73 15.22	0.97	YES		*North	*North		*North	*North							
	R5	Floorplan	Residential	Bedroom	W8	Existing 24.40 Proposed 23.87	0.98	YES	13°N				10.00 10.00	*North	*North	0.00 0.00	*North	*North							
					W9	Existing 24.40 Proposed 23.58	0.97	YES	104°	24.40 23.75	0.97	YES	23.00 23.00	1.00	YES	3.00 3.00	1.00	YES	23.00 23.00	1.00	YES	3.00 3.00	1.00	YES	
	R6	Floorplan	Residential	Bedroom	W10	Existing 17.15 Proposed 16.64	0.97	YES	13°N	17.15 16.64	0.97	YES		*North	*North		*North	*North							
	R7	Floorplan	Residential	LKD	W11	Existing 24.77 Proposed 24.23	0.98	YES	13°N				10.00 10.00	*North	*North	0.00 0.00	*North	*North							
					W12	Existing 31.18 Proposed 30.44	0.98	YES	104°				49.00 49.00	1.00	YES	14.00 14.00	1.00	YES							
					W13	Existing 30.72 Proposed 30.72	1.00	YES	193°	30.00 29.45	0.98	YES	80.00 80.00	1.00	YES	23.00 23.00	1.00	YES	91.00 91.00	1.00	YES	24.00 24.00	1.00	YES	
Second	R1	Floorplan	Residential	LKD	W1	Existing 12.24	0.94	YES	60°N					*North	*North		*North	*North							

Project Name: Central Square, Cardiff  
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						Proposed 11.53																		
	R2	Floorplan	Residential	Bedroom	W2	Existing 12.52 Proposed 11.49	0.92	YES	60°N	12.24 11.53	0.94	YES	20.00 17.00	*North	*North	4.00 4.00	*North	*North						
					W3	Existing 23.23 Proposed 22.91	0.99	YES	150°				56.00 54.00	0.96	YES	12.00 12.00	1.00	YES						
	R3	Floorplan	Residential	LKD	W4	Existing 18.08 Proposed 18.08	1.00	YES	14°N	14.15 13.23	0.93	YES		*North	*North		*North	*North	56.00 54.00	0.96	YES	12.00 12.00	1.00	YES
					W5	Existing 16.05 Proposed 16.04	1.00	YES	14°N					*North	*North		*North	*North						
	R4	Floorplan	Residential	LKD	W6	Existing 16.94 Proposed 16.41	0.97	YES	14°N	16.36 16.35	1.00	YES		*North	*North		*North	*North						
					W7	Existing 16.98 Proposed 16.44	0.97	YES	13°N					*North	*North		*North	*North						
	R5	Floorplan	Residential	Bedroom	W8	Existing 25.04 Proposed 24.50	0.98	YES	13°N	16.95 16.41	0.97	YES	10.00 10.00	*North	*North	0.00 0.00	*North	*North						
					W9	Existing 25.07 Proposed 24.24	0.97	YES	104°				23.00 23.00	1.00	YES	3.00 3.00	1.00	YES						
	R6	Floorplan	Residential	Bedroom	W10	Existing 17.45 Proposed 16.92	0.97	YES	13°N	25.05 24.40	0.97	YES		*North	*North		*North	*North	23.00 23.00	1.00	YES	3.00 3.00	1.00	YES
	R7	Floorplan	Residential	LKD	W11	Existing 25.70 Proposed 25.15	0.98	YES	13°N	17.45 16.92	0.97	YES	10.00 10.00	*North	*North	0.00 0.00	*North	*North						
					W12	Existing 31.68 Proposed 30.92	0.98	YES	104°				51.00 51.00	1.00	YES	16.00 16.00	1.00	YES						
					W13	Existing 33.50 Proposed 33.50	1.00	YES	193°				82.00 82.00	1.00	YES	25.00 25.00	1.00	YES						
										30.97 30.41	0.98	YES							93.00 93.00	1.00	YES	26.00 26.00	1.00	YES
Third	R1	Floorplan	Residential	LKD	W1	Existing 14.40 Proposed 13.39	0.93	YES	60°N					*North	*North		*North	*North						
					W2	Existing 14.45 Proposed 13.36	0.92	YES	60°N					*North	*North		*North	*North						
	R2	Floorplan	Residential	LKD	W3	Existing 19.45 Proposed 19.45	1.00	YES	14°N	14.43 13.37	0.93	YES		*North	*North		*North	*North						
					W4	Existing 27.49 Proposed 27.49	1.00	YES	284°N					*North	*North		*North	*North						
					W5	Existing 17.89 Proposed 17.83	1.00	YES	14°N					*North	*North		*North	*North						
	R3	Floorplan	Residential	LKD	W6	Existing 17.89 Proposed 17.36	0.97	YES	14°N	18.67 18.62	1.00	YES	4.00 3.00	*North	*North	0.00 0.00	*North	*North						
					W7	Existing 25.69 Proposed 24.78	0.96	YES	104°				25.00 25.00	1.00	YES	3.00 3.00	1.00	YES						
					W8	Existing 17.28 Proposed 16.72	0.97	YES	13°N				10.00 10.00	*North	*North	0.00 0.00	*North	*North						
	R4	Floorplan	Residential	Bedroom	W9	Existing 25.80 Proposed 25.24	0.98	YES	13°N	18.25 17.69	0.97	YES	10.00 10.00	*North	*North	0.00 0.00	*North	*North						
					W10	Existing 26.74 Proposed 25.89	0.97	YES	104°				29.00 29.00	1.00	YES	3.00 3.00	1.00	YES						
										26.17 25.49	0.97	YES							29.00 29.00	1.00	YES	3.00 3.00	1.00	YES



Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight & Sunlight Analysis - VSC & APSH - Base Scenario  
 Date of Analysis: 18/07/2025

Floor Ref.	Room Ref.	Layout Info	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria
<b>1 Fitzhamon Embankment</b>																								
Ground	R2	Assumed	Residential	Living Room	W11	Existing 16.18	1.00	YES	330°N	24.76	0.97	YES	0.00	*North	*North	0.00	*North	*North	31.00	0.97	YES	6.00	1.00	YES
					W12	Proposed 16.18	0.97	YES	60°N				0.00	*North	*North	0.00	*North	*North						
					W13	Existing 30.11	0.97	YES	150°				30.00	0.93	YES	6.00	1.00	YES						
	R3	Assumed	Residential	Living Room	W14	Existing 29.03	0.97	YES	60°N	24.04	0.96	YES	24.00	*North	*North	5.00	*North	*North	24.00	0.92	YES	5.00	1.00	YES
					W15	Proposed 28.02	1.00	YES	150°				22.00	1.00	YES	0.00	1.00	YES						
					W16	Existing 0.00	1.00	YES	150°				0.00	1.00	YES	0.00	1.00	YES						
First	R1	Assumed	Residential	Bedroom	W1	Existing 28.87	0.96	YES	60°N	28.87	0.96	YES		*North	*North		*North	*North	31.00	0.97	YES	6.00	1.00	YES
					W2	Proposed 27.85	1.00	YES	330°N				0.00	*North	*North	0.00	*North	*North						
					W3	Existing 17.65	0.97	YES	60°N				28.00	0.93	YES	6.00	1.00	YES						
	R2	Assumed	Residential	Bedroom	W3	Existing 30.60	0.97	YES	60°N	25.48	0.97	YES	27.00	*North	*North	5.00	*North	*North	30.00	0.91	YES	7.00	1.00	YES
					W4	Proposed 29.56	0.97	YES	150°				30.00	0.80	YES	2.00	1.00	YES						
					W5	Existing 15.72	0.97	YES	60°N				25.00	*North	*North	5.00	*North	*North						
R3	Assumed	Residential	Bedroom	W5	Existing 30.09	0.97	YES	60°N	18.13	0.96	YES	22.00	*North	*North	5.00	*North	*North	33.00	0.90	YES	7.00	1.00	YES	
				W6	Proposed 29.04	0.93	YES	150°				10.00	0.80	YES	2.00	1.00	YES							
				W6	Existing 1.92	0.93	YES	150°				8.00	0.80	YES	2.00	1.00	YES							
Second	R1	Assumed	Residential	Bedroom	W1	Existing 28.02	0.96	YES	60°N	28.02	0.96	YES		*North	*North		*North	*North	31.00	0.90	YES	6.00	1.00	YES
					W2	Proposed 26.95	0.97	YES	60°N				26.95	*North	*North		*North	*North						
					W2	Existing 31.44	0.97	YES	60°N				31.44	0.97	YES		*North	*North						
	R2	Assumed	Residential	Bedroom	W3	Existing 27.07	0.96	YES	60°N	15.80	0.96	YES	21.00	*North	*North	4.00	*North	*North	31.00	0.90	YES	6.00	1.00	YES
					W4	Proposed 26.00	0.97	YES	150°				18.00	0.83	YES	2.00	1.00	YES						
					W4	Existing 3.62	0.97	YES	150°				12.00	0.83	YES	2.00	1.00	YES						
R3	Assumed	Residential	Bedroom	W3	Existing 27.07	0.96	YES	60°N	15.19	0.96	YES	10.00	*North	*North	2.00	*North	*North	31.00	0.90	YES	6.00	1.00	YES	
				W4	Proposed 3.51	0.97	YES	150°				15.80	0.96	YES		*North	*North							
				W4	Existing 3.51	0.97	YES	150°				10.00	0.83	YES	2.00	1.00	YES							
<b>3 Fitzhamon Embankment</b>																								
Ground	R2	Assumed	Residential	Unknown	W6	Existing 24.88	0.99	YES	13°N	27.12	0.97	YES	8.00	*North	*North	0.00	*North	*North	30.00	0.97	YES	5.00	1.00	YES
					W7	Proposed 24.52	0.97	YES	60°N				7.00	*North	*North	0.00	*North	*North						
					W8	Existing 29.67	0.96	YES	108°				30.00	0.96	YES	4.00	1.00	YES						
First	R1	Assumed	Residential	Unknown	W1	Existing 29.99	0.97	YES	60°N	26.32	0.97	YES	26.00	*North	*North	3.00	*North	*North	29.00	0.97	YES	5.00	1.00	YES
					W2	Proposed 28.95	0.99	YES	13°N				25.00	*North	*North	3.00	*North	*North						
					W2	Existing 26.23	0.99	YES	13°N				9.00	*North	*North	0.00	*North	*North						
First	R1	Assumed	Residential	Unknown	W3	Proposed 25.86	0.97	YES	60°N	26.32	0.97	YES	8.00	*North	*North	0.00	*North	*North	29.00	0.97	YES	5.00	1.00	YES
					W3	Existing 30.63	0.97	YES	60°N				29.00	*North	*North	5.00	*North	*North						
					W3	Proposed 29.60	0.97	YES	60°N				28.00	*North	*North	5.00	*North	*North						



Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight & Sunlight Analysis - VSC & APSH - Base Scenario  
 Date of Analysis: 18/07/2025

Floor Ref.	Room Ref.	Layout Info	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria					
Second	R1	Assumed	Residential	Unknown	W1	Existing	19.18	0.98	YES	246°	13.11		33.00	0.97	YES	6.00	1.00	YES	19.00	1.00	YES	4.00	1.00	YES					
						Proposed	18.85			19.18	0.98	YES	32.00			6.00			33.00	0.97	YES	6.00	32.00			6.00	1.00	YES	
	R3	Assumed	Residential	Unknown	W3	Existing	19.53	0.99	YES	246°			31.00	1.00	YES	4.00	1.00	YES				6.00	1.00	YES					
						Proposed	19.39			31.00			4.00			6.00			31.00	1.00	YES	5.00	31.00			5.00	1.00	YES	
						Existing	19.41	0.99	YES	246°			31.00	1.00	YES	5.00	1.00	YES				5.00							
						Proposed	19.31			31.00			5.00			5.00			31.00	1.00	YES	5.00	31.00			5.00	1.00	YES	
	R4	Assumed	Residential	Unknown	W6	Existing	18.99	1.00	YES	246°			31.00	1.00	YES	5.00	1.00	YES				5.00	1.00	YES					
						Proposed	18.96			31.00			5.00			5.00			29.00	1.00	YES	5.00	29.00			5.00	1.00	YES	
						Existing	18.87	1.00	YES	246°			29.00	1.00	YES	5.00	1.00	YES				5.00							
						Proposed	18.87			29.00			5.00			5.00			49.00	1.00	YES	12.00	49.00			12.00	1.00	YES	
	R5	Assumed	Residential	Unknown	W9	Existing	17.96	0.99	YES	152°			19.38	0.99	YES							32.00	1.00	YES	5.00	1.00	YES		
						Proposed	17.72			19.28						5.00			32.00			5.00							
						Existing	17.96	0.99	YES	152°			19.68	1.00	YES									53.00	1.00	YES	12.00	1.00	YES
						Proposed	17.72			19.65			17.96	0.99	YES									53.00			12.00	1.00	YES
R6	Assumed	Residential	Unknown	W10	Existing	13.75	0.98	YES	152°			17.96	0.99	YES							44.00	0.98	YES	12.00	1.00	YES			
					Proposed	13.42			17.72			43.00			12.00			44.00	0.98	YES	12.00	43.00			12.00	1.00	YES		
R7	Assumed	Residential	Unknown	W11	Existing	16.93	0.95	YES	251°			13.75	0.98	YES							37.00	0.97	YES	10.00	1.00	YES			
					Proposed	16.14			13.42			36.00			10.00			37.00	0.97	YES	10.00	36.00			10.00	1.00	YES		
Third	R1	Assumed	Residential	Unknown	W1	Existing	24.58	0.96	YES	246°			40.00	0.98	YES	10.00	1.00	YES				10.00	1.00	YES					
						Proposed	23.65			24.58	0.96	YES	39.00			10.00			40.00	0.98	YES	10.00	39.00			10.00	1.00	YES	
	R3	Assumed	Residential	Unknown	W3	Existing	25.59	0.97	YES	246°			42.00	0.98	YES	9.00	1.00	YES				10.00	1.00	YES					
						Proposed	24.81			41.00			9.00			10.00			42.00	0.98	YES	11.00	41.00			11.00	1.00	YES	
						Existing	25.58	0.97	YES	246°			46.00	0.98	YES	11.00	1.00	YES				11.00							
						Proposed	24.84			45.00			11.00			11.00			45.00	0.98	YES	10.00	45.00			10.00	1.00	YES	
	R4	Assumed	Residential	Unknown	W6	Existing	25.30	0.97	YES	246°			25.55	0.97	YES							46.00	0.98	YES	11.00	1.00	YES		
						Proposed	24.65			24.81						11.00			44.00	0.98	YES	10.00	44.00			11.00	1.00	YES	
						Existing	25.13	0.98	YES	246°			43.00	0.98	YES	10.00	1.00	YES				10.00							
						Proposed	24.53			43.00			10.00			10.00			55.00	0.98	YES	17.00	55.00			17.00	1.00	YES	
	R5	Assumed	Residential	Unknown	W9	Existing	20.73	0.98	YES	152°			24.93	0.98	YES							63.00	0.98	YES	17.00	1.00	YES		
						Proposed	20.36			24.41						17.00			62.00			17.00							
						Existing	20.73	0.98	YES	152°			52.00	0.98	YES	18.00	1.00	YES				18.00							
						Proposed	20.36			51.00			18.00			18.00			52.00	0.98	YES	18.00	51.00			18.00	1.00	YES	
R6	Assumed	Residential	Unknown	W10	Existing	15.25	0.98	YES	152°			43.00	0.95	YES	16.00	0.94	YES				16.00	0.98	YES	18.00	1.00	YES			
					Proposed	14.88			41.00			15.00			16.00			43.00	0.95	YES	15.00	41.00			15.00	0.94	YES		
R7	Assumed	Residential	Unknown	W11	Existing	19.00	0.96	YES	251°			42.00	0.95	YES	12.00	0.92	YES				12.00	0.95	YES	15.00	0.94	YES			
					Proposed	18.15			40.00			11.00			12.00			42.00	0.95	YES	11.00	40.00			11.00	0.92	YES		
Fourth	R1	Assumed	Residential	Unknown	W1	Existing	28.68	0.97	YES	246°			44.00	0.98	YES	11.00	1.00	YES				11.00	1.00	YES					
						Proposed	27.69			43.00			11.00			11.00			44.00	0.98	YES	11.00	43.00			11.00	1.00	YES	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight & Sunlight Analysis - VSC & APSH - Base Scenario  
 Date of Analysis: 18/07/2025

Floor Ref.	Room Ref.	Layout Info	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria
						28.68 27.69	0.97	YES											44.00 43.00	0.98	YES	11.00 11.00	1.00	YES
	R3	Assumed	Residential	Unknown	W3	Existing 29.26 Proposed 27.98	0.97	YES	246°				44.00 43.00	0.98	YES	11.00 11.00	1.00	YES	43.00	0.98	YES	11.00	1.00	YES
					W4	Existing 29.31 Proposed 28.32	0.97	YES	246°				46.00 45.00	0.98	YES	12.00 12.00	1.00	YES	47.00	0.98	YES	12.00	1.00	YES
					W5	Existing 29.33 Proposed 28.34	0.97	YES	246°				47.00 46.00	0.98	YES	12.00 12.00	1.00	YES	47.00	0.98	YES	12.00	1.00	YES
	R4	Assumed	Residential	Unknown	W6	Existing 29.33 Proposed 28.35	0.97	YES	246°	29.30 28.31	0.97	YES	48.00 47.00	0.98	YES	12.00 12.00	1.00	YES	46.00	0.98	YES	12.00	1.00	YES
					W7	Existing 29.30 Proposed 28.31	0.97	YES	246°				49.00 48.00	0.98	YES	12.00 12.00	1.00	YES	49.00	0.98	YES	12.00	1.00	YES
					W8	Existing 27.84 Proposed 27.43	0.99	YES	152°				59.00 57.00	0.97	YES	19.00 18.00	0.95	YES	59.00	0.97	YES	19.00	0.95	YES
	R5	Assumed	Residential	Unknown	W9	Existing 23.53 Proposed 23.13	0.98	YES	152°	28.74 27.98	0.97	YES	54.00 52.00	0.96	YES	19.00 18.00	0.95	YES	70.00	0.99	YES	19.00	1.00	YES
	R6	Assumed	Residential	Unknown	W10	Existing 16.43 Proposed 16.03	0.98	YES	152°	23.53 23.13	0.98	YES	41.00 39.00	0.95	YES	15.00 14.00	0.93	YES	54.00	0.96	YES	19.00	0.95	YES
	R7	Assumed	Residential	Unknown	W11	Existing 21.41 Proposed 20.51	0.96	YES	251°	16.43 16.03	0.98	YES	41.00 39.00	0.95	YES	13.00 12.00	0.92	YES	41.00	0.95	YES	15.00	0.93	YES
						21.41 20.51	0.96	YES					41.00 39.00	0.95	YES	13.00 12.00	0.92	YES	41.00	0.95	YES	13.00	0.92	YES
Fifth	R1	Assumed	Residential	Unknown	W1	Existing 26.60 Proposed 25.54	0.96	YES	246°				41.00 41.00	1.00	YES	11.00 11.00	1.00	YES	41.00	1.00	YES	11.00	1.00	YES
					W2	Existing 26.30 Proposed 25.26	0.96	YES	246°				39.00 38.00	0.97	YES	10.00 10.00	1.00	YES	41.00	1.00	YES	11.00	1.00	YES
	R2	Assumed	Residential	Unknown	W3	Existing 26.27 Proposed 25.23	0.96	YES	246°	26.45 25.40	0.96	YES	40.00 39.00	0.98	YES	10.00 10.00	1.00	YES	41.00	1.00	YES	11.00	1.00	YES
													40.00 39.00	0.98	YES	10.00 10.00	1.00	YES	40.00	0.98	YES	10.00	1.00	YES
	R3	Assumed	Residential	Unknown	W4	Existing 26.15 Proposed 25.09	0.96	YES	246°	26.27 25.23	0.96	YES	40.00 39.00	0.98	YES	10.00 10.00	1.00	YES	40.00	0.98	YES	10.00	1.00	YES
													40.00 39.00	0.96	YES	10.00 10.00	1.00	YES	40.00	0.98	YES	10.00	1.00	YES
	R4	Assumed	Residential	Unknown	W5	Existing 26.13 Proposed 25.07	0.96	YES	246°	26.15 25.09	0.96	YES	43.00 42.00	0.98	YES	12.00 12.00	1.00	YES	39.00	0.98	YES	10.00	1.00	YES
					W6	Existing 28.81 Proposed 28.38	0.99	YES	152°				64.00 63.00	0.98	YES	21.00 21.00	1.00	YES	43.00	0.98	YES	12.00	1.00	YES
													27.63 26.92	0.97	YES				87.00	0.99	YES	21.00	1.00	YES
	R5	Assumed	Residential	Unknown	W7	Existing 26.70 Proposed 26.28	0.98	YES	152°	26.70 26.28	0.98	YES	59.00 57.00	0.97	YES	21.00 20.00	0.95	YES	86.00	0.99	YES	21.00	1.00	YES
													26.70 26.28	0.98	YES				59.00	0.97	YES	21.00	0.95	YES
	R6	Assumed	Residential	Unknown	W8	Existing 15.81 Proposed 15.41	0.97	YES	152°	15.81 15.41	0.97	YES	31.00 29.00	0.94	YES	14.00 13.00	0.93	YES	57.00	0.97	YES	20.00	0.95	YES
													15.81 15.41	0.97	YES				31.00	0.94	YES	14.00	0.93	YES
	R7	Assumed	Residential	Unknown	W9	Existing 16.99 Proposed 16.00	0.94	YES	251°				26.00 24.00	0.92	YES	7.00 6.00	0.86	YES	29.00	0.94	YES	13.00	0.93	YES
					W10	Existing 20.39 Proposed 19.41	0.95	YES	251°				33.00 31.00	0.94	YES	9.00 8.00	0.89	YES	33.00	0.94	YES	9.00	0.89	YES
													18.69 17.70	0.95	YES				33.00	0.94	YES	9.00	0.89	YES

NSL Results – Base Scenario

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight Analysis - NSL - Base Scenario  
 Date of Analysis: 18/07/2025

Floor Ref.	Room Ref	Layout Info	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
<b>Interchange Central Square</b>										
Second	R1	Floorplan	Residential	LKD	Area m2	24.63	14.47	14.46	1.00	YES
					% of room		58.77%	58.70%		
	R2	Floorplan	Residential	Bedroom	Area m2	11.16	4.64	4.64	1.00	YES
					% of room		41.56%	41.56%		
	R3	Floorplan	Residential	Bedroom	Area m2	11.21	5.35	5.35	1.00	YES
					% of room		47.73%	47.73%		
	R4	Floorplan	Residential	LKD	Area m2	24.64	15.52	15.48	1.00	YES
				% of room		63.00%	62.82%			
R5	Floorplan	Residential	LKD	Area m2	35.52	31.55	31.54	1.00	YES	
				% of room		88.80%	88.80%			
R6	Floorplan	Residential	Bedroom	Area m2	9.50	6.24	6.21	1.00	YES	
				% of room		65.62%	65.39%			
R7	Floorplan	Residential	LKD	Area m2	28.61	22.76	19.86	0.87	YES	
				% of room		79.53%	69.40%			
Third	R1	Floorplan	Residential	LKD	Area m2	24.63	14.80	14.78	1.00	YES
					% of room		60.09%	60.00%		
	R2	Floorplan	Residential	Bedroom	Area m2	11.16	4.97	4.97	1.00	YES
					% of room		44.57%	44.57%		
	R3	Floorplan	Residential	Bedroom	Area m2	11.21	5.62	5.62	1.00	YES
					% of room		50.08%	50.08%		
	R4	Floorplan	Residential	LKD	Area m2	24.64	15.92	15.87	1.00	YES
				% of room		64.60%	64.42%			
R5	Floorplan	Residential	LKD	Area m2	35.52	31.83	31.81	1.00	YES	
				% of room		89.62%	89.56%			
R6	Floorplan	Residential	Bedroom	Area m2	9.50	6.43	6.41	1.00	YES	
				% of room		67.70%	67.47%			
R7	Floorplan	Residential	LKD	Area m2	28.61	23.59	21.21	0.90	YES	
				% of room		82.45%	74.11%			
Fourth	R1	Floorplan	Residential	LKD	Area m2	24.63	15.16	15.14	1.00	YES
					% of room		61.57%	61.48%		
	R2	Floorplan	Residential	Bedroom	Area m2	11.16	5.47	5.47	1.00	YES
					% of room		49.01%	49.01%		
	R3	Floorplan	Residential	Bedroom	Area m2	11.21	6.10	6.10	1.00	YES
					% of room		54.38%	54.38%		
	R4	Floorplan	Residential	LKD	Area m2	24.64	16.51	16.47	1.00	YES
					% of room		67.01%	66.84%		
	R5	Floorplan	Residential	LKD	Area m2	35.52	32.22	32.20	1.00	YES
					% of room		90.71%	90.66%		
	R6	Floorplan	Residential	Bedroom	Area m2	9.50	6.63	6.61	1.00	YES
				% of room		69.81%	69.57%			
R7	Floorplan	Residential	LKD	Area m2	28.61	23.93	22.15	0.93	YES	
				% of room		83.61%	77.40%			
R8	Floorplan	Residential	Bedroom	Area m2	9.44	7.66	7.49	0.98	YES	
				% of room		81.11%	79.27%			
R9	Floorplan	Residential	LKD	Area m2	30.34	25.10	23.72	0.95	YES	
				% of room		82.72%	78.18%			
R10	Floorplan	Residential	Bedroom	Area m2	9.68	7.23	7.06	0.98	YES	
				% of room		74.70%	72.92%			
R11	Floorplan	Residential	LKD	Area m2	30.55	20.34	20.14	0.99	YES	
				% of room		66.56%	65.92%			
Fifth	R1	Floorplan	Residential	LKD	Area m2	24.63	15.75	15.73	1.00	YES
					% of room		63.95%	63.85%		
	R2	Floorplan	Residential	Bedroom	Area m2	11.16	6.26	6.26	1.00	YES
					% of room		56.08%	56.08%		
	R3	Floorplan	Residential	Bedroom	Area m2	11.21	6.98	6.98	1.00	YES
					% of room		62.21%	62.21%		
	R4	Floorplan	Residential	LKD	Area m2	24.64	17.64	17.60	1.00	YES
					% of room		71.61%	71.43%		
	R5	Floorplan	Residential	LKD	Area m2	35.52	32.66	32.64	1.00	YES
				% of room		91.94%	91.90%			
R6	Floorplan	Residential	Bedroom	Area m2	9.50	6.87	6.85	1.00	YES	
				% of room		72.35%	72.12%			
R7	Floorplan	Residential	LKD	Area m2	28.61	24.49	23.88	0.98	YES	
				% of room		85.58%	83.47%			
R8	Floorplan	Residential	Bedroom	Area m2	9.44	8.28	8.22	0.99	YES	
				% of room		87.65%	87.10%			
R9	Floorplan	Residential	LKD	Area m2	30.34	26.23	25.20			

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight Analysis - NSL - Base Scenario  
 Date of Analysis: 18/07/2025

Floor Ref.	Room Ref	Layout Info	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R10	Floorplan	Residential	Bedroom	% of room	9.68	86.44%	83.05%	0.96	YES
					Area m2		8.49	8.38		
	R11	Floorplan	Residential	LKD	% of room	30.55	87.71%	86.56%	0.99	YES
					Area m2		23.14	22.75		
					% of room		75.74%	74.47%	0.98	YES
Sixth	R1	Floorplan	Residential	LKD	Area m2	24.63	16.87	16.85		
					% of room		68.49%	68.40%	1.00	YES
	R2	Floorplan	Residential	Bedroom	Area m2	11.16	7.76	7.76		
					% of room		69.50%	69.50%	1.00	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.21	8.33	8.33		
					% of room		74.28%	74.28%	1.00	YES
	R4	Floorplan	Residential	LKD	Area m2	24.64	19.02	18.97		
					% of room		77.19%	77.01%	1.00	YES
	R5	Floorplan	Residential	LKD	Area m2	35.52	32.83	32.82		
					% of room		92.43%	92.40%	1.00	YES
	R6	Floorplan	Residential	Bedroom	Area m2	9.50	7.18	7.16		
					% of room		75.57%	75.33%	1.00	YES
	R7	Floorplan	Residential	LKD	Area m2	28.61	25.67	25.65		
					% of room		89.73%	89.63%	1.00	YES
	R8	Floorplan	Residential	Bedroom	Area m2	9.44	8.29	8.25		
					% of room		87.82%	87.35%	0.99	YES
	R9	Floorplan	Residential	LKD	Area m2	30.34	27.96	27.68		
					% of room		92.16%	91.23%	0.99	YES
	R10	Floorplan	Residential	Bedroom	Area m2	9.68	8.62	8.52		
					% of room		89.00%	88.03%	0.99	YES
	R11	Floorplan	Residential	LKD	Area m2	30.55	27.05	26.56		
					% of room		88.53%	86.93%	0.98	YES
Seventh	R1	Floorplan	Residential	LKD	Area m2	24.63	18.70	18.68		
					% of room		75.92%	75.83%	1.00	YES
	R2	Floorplan	Residential	Bedroom	Area m2	11.16	9.72	9.72		
					% of room		87.08%	87.08%	1.00	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.21	9.92	9.92		
					% of room		88.49%	88.49%	1.00	YES
	R4	Floorplan	Residential	LKD	Area m2	24.64	19.86	19.82		
					% of room		80.60%	80.43%	1.00	YES
	R5	Floorplan	Residential	LKD	Area m2	35.52	32.88	32.87		
					% of room		92.57%	92.54%	1.00	YES
	R6	Floorplan	Residential	Bedroom	Area m2	9.50	7.49	7.47		
					% of room		78.88%	78.65%	1.00	YES
	R7	Floorplan	Residential	LKD	Area m2	28.61	26.00	25.98		
					% of room		90.87%	90.79%	1.00	YES
	R8	Floorplan	Residential	Bedroom	Area m2	9.44	8.30	8.25		
					% of room		87.86%	87.41%	0.99	YES
	R9	Floorplan	Residential	LKD	Area m2	30.34	29.59	29.58		
					% of room		97.51%	97.49%	1.00	YES
	R10	Floorplan	Residential	Bedroom	Area m2	9.68	8.62	8.53		
					% of room		89.02%	88.11%	0.99	YES
	R11	Floorplan	Residential	LKD	Area m2	30.55	29.45	29.39		
					% of room		96.38%	96.18%	1.00	YES
Eighth	R1	Floorplan	Residential	LKD	Area m2	24.63	19.14	19.11		
					% of room		77.70%	77.61%	1.00	YES
	R2	Floorplan	Residential	Bedroom	Area m2	11.16	10.13	10.13		
					% of room		90.74%	90.74%	1.00	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.21	10.27	10.27		
					% of room		91.59%	91.59%	1.00	YES
	R4	Floorplan	Residential	LKD	Area m2	24.64	21.43	21.39		
					% of room		86.99%	86.82%	1.00	YES
	R5	Floorplan	Residential	LKD	Area m2	35.52	32.93	32.93		
					% of room		92.71%	92.69%	1.00	YES
	R6	Floorplan	Residential	Bedroom	Area m2	9.50	7.74	7.72		
					% of room		81.43%	81.20%	1.00	YES
	R7	Floorplan	Residential	LKD	Area m2	28.61	26.04	26.02		
					% of room		91.00%	90.94%	1.00	YES
	R8	Floorplan	Residential	Bedroom	Area m2	9.44	8.30	8.26		
					% of room		87.89%	87.44%	0.99	YES
	R9	Floorplan	Residential	LKD	Area m2	30.34	29.64	29.63		
					% of room		97.69%	97.65%	1.00	YES
	R10	Floorplan	Residential	Bedroom	Area m2	9.68	8.62	8.53		
					% of room		89.02%	88.14%	0.99	YES
	R11	Floorplan	Residential	LKD	Area m2	30.55	29.80	29.80		

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight Analysis - NSL - Base Scenario  
 Date of Analysis: 18/07/2025

Floor Ref.	Room Ref	Layout Info	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
					% of room		97.54%	97.54%	1.00	YES
Ninth	R1	Floorplan	Residential	LKD	Area m2	24.63	19.44	19.42	1.00	YES
					% of room		78.93%	78.84%	1.00	YES
	R2	Floorplan	Residential	Bedroom	Area m2	11.16	10.13	10.13	1.00	YES
					% of room		90.75%	90.75%	1.00	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.21	10.29	10.29	1.00	YES
					% of room		91.78%	91.78%	1.00	YES
	R4	Floorplan	Residential	LKD	Area m2	24.64	22.11	22.07	1.00	YES
					% of room		89.75%	89.57%	1.00	YES
	R5	Floorplan	Residential	LKD	Area m2	35.52	32.95	32.95	1.00	YES
					% of room		92.77%	92.75%	1.00	YES
	R6	Floorplan	Residential	Bedroom	Area m2	9.50	7.74	7.72	1.00	YES
				% of room		81.51%	81.28%	1.00	YES	
R7	Floorplan	Residential	LKD	Area m2	28.61	26.05	26.03	1.00	YES	
				% of room		91.03%	90.96%	1.00	YES	
R8	Floorplan	Residential	Bedroom	Area m2	9.44	8.30	8.26	1.00	YES	
				% of room		87.90%	87.46%	1.00	YES	
R9	Floorplan	Residential	LKD	Area m2	30.34	29.65	29.63	1.00	YES	
				% of room		97.70%	97.67%	1.00	YES	
R10	Floorplan	Residential	Bedroom	Area m2	9.68	8.62	8.53	0.99	YES	
				% of room		89.03%	88.16%	0.99	YES	
R11	Floorplan	Residential	LKD	Area m2	30.55	29.81	29.81	1.00	YES	
				% of room		97.57%	97.57%	1.00	YES	
Tenth	R1	Floorplan	Residential	LKD	Area m2	24.63	19.63	19.61	1.00	YES
					% of room		79.71%	79.62%	1.00	YES
	R2	Floorplan	Residential	Bedroom	Area m2	11.16	10.13	10.13	1.00	YES
					% of room		90.75%	90.75%	1.00	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.21	10.30	10.30	1.00	YES
					% of room		91.83%	91.83%	1.00	YES
	R4	Floorplan	Residential	LKD	Area m2	24.64	22.19	22.15	1.00	YES
					% of room		90.07%	89.89%	1.00	YES
	R5	Floorplan	Residential	LKD	Area m2	35.52	32.99	32.98	1.00	YES
					% of room		92.86%	92.85%	1.00	YES
	R6	Floorplan	Residential	Bedroom	Area m2	9.50	7.75	7.73	1.00	YES
				% of room		81.55%	81.32%	1.00	YES	
R7	Floorplan	Residential	LKD	Area m2	28.61	26.05	26.03	1.00	YES	
				% of room		91.04%	90.98%	1.00	YES	
R8	Floorplan	Residential	Bedroom	Area m2	9.44	8.30	8.26	1.00	YES	
				% of room		87.90%	87.46%	1.00	YES	
R9	Floorplan	Residential	LKD	Area m2	30.34	29.65	29.64	1.00	YES	
				% of room		97.71%	97.68%	1.00	YES	
R10	Floorplan	Residential	Bedroom	Area m2	9.68	8.62	8.53	0.99	YES	
				% of room		89.03%	88.16%	0.99	YES	
R11	Floorplan	Residential	LKD	Area m2	30.55	29.82	29.82	1.00	YES	
				% of room		97.58%	97.58%	1.00	YES	
Eleventh	R1	Floorplan	Residential	LKD	Area m2	24.63	19.73	19.71	1.00	YES
					% of room		80.12%	80.03%	1.00	YES
	R2	Floorplan	Residential	Bedroom	Area m2	11.16	10.13	10.13	1.00	YES
					% of room		90.75%	90.75%	1.00	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.21	10.30	10.30	1.00	YES
					% of room		91.85%	91.85%	1.00	YES
	R4	Floorplan	Residential	LKD	Area m2	24.64	22.23	22.18	1.00	YES
					% of room		90.21%	90.03%	1.00	YES
	R5	Floorplan	Residential	LKD	Area m2	35.52	33.00	32.99	1.00	YES
					% of room		92.90%	92.89%	1.00	YES
	R6	Floorplan	Residential	Bedroom	Area m2	9.50	7.75	7.73	1.00	YES
				% of room		81.57%	81.34%	1.00	YES	
R7	Floorplan	Residential	LKD	Area m2	28.61	26.06	26.04	1.00	YES	
				% of room		91.08%	91.01%	1.00	YES	
R8	Floorplan	Residential	Bedroom	Area m2	9.44	8.30	8.26	1.00	YES	
				% of room		87.91%	87.47%	1.00	YES	
R9	Floorplan	Residential	LKD	Area m2	30.34	29.65	29.64	1.00	YES	
				% of room		97.72%	97.69%	1.00	YES	
R10	Floorplan	Residential	Bedroom	Area m2	9.68	8.62	8.54	0.99	YES	
				% of room		89.05%	88.18%	0.99	YES	
R11	Floorplan	Residential	LKD	Area m2	30.55	29.82	29.82	1.00	YES	
				% of room		97.60%	97.60%	1.00	YES	
Twelfth	R1	Floorplan	Residential	LKD	Area m2	24.63	19.75	19.73	1.00	YES
					% of room		80.19%	80.10%	1.00	YES
	R2	Floorplan	Residential	Bedroom	Area m2	11.16	10.13	10.13		

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight Analysis - NSL - Base Scenario  
 Date of Analysis: 18/07/2025

Floor Ref.	Room Ref	Layout Info	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
					% of room		90.75%	90.75%	1.00	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.21	10.30	10.30	1.00	YES
					% of room		91.86%	91.86%	1.00	YES
	R4	Floorplan	Residential	LKD	Area m2	24.64	22.25	22.21	1.00	YES
					% of room		90.31%	90.14%	1.00	YES
	R5	Floorplan	Residential	LKD	Area m2	35.52	33.07	33.07	1.00	YES
					% of room		93.10%	93.09%	1.00	YES
	R6	Floorplan	Residential	Bedroom	Area m2	9.50	7.75	7.73	1.00	YES
					% of room		81.58%	81.35%	1.00	YES
	R7	Floorplan	Residential	LKD	Area m2	29.53	27.10	27.10	1.00	YES
					% of room		91.77%	91.76%	1.00	YES
Thirteenth	R1	Floorplan	Residential	LKD	Area m2	24.63	19.76	19.73	1.00	YES
					% of room		80.22%	80.13%	1.00	YES
	R2	Floorplan	Residential	Bedroom	Area m2	11.16	10.13	10.13	1.00	YES
					% of room		90.75%	90.75%	1.00	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.21	10.30	10.30	1.00	YES
					% of room		91.86%	91.86%	1.00	YES
	R4	Floorplan	Residential	LKD	Area m2	24.64	22.26	22.22	1.00	YES
					% of room		90.37%	90.19%	1.00	YES
	R5	Floorplan	Residential	LKD	Area m2	42.53	41.71	41.71	1.00	YES
					% of room		98.06%	98.06%	1.00	YES
	R6	Floorplan	Residential	Bedroom	Area m2	14.26	13.46	13.44	1.00	YES
					% of room		94.44%	94.29%	1.00	YES
	R7	Floorplan	Residential	Bedroom	Area m2	12.42	11.87	11.87	1.00	YES
					% of room		95.64%	95.64%	1.00	YES
Fourteenth	R1	Floorplan	Residential	LKD	Area m2	24.63	19.76	19.74	1.00	YES
					% of room		80.23%	80.14%	1.00	YES
	R2	Floorplan	Residential	Bedroom	Area m2	11.16	10.13	10.13	1.00	YES
					% of room		90.75%	90.75%	1.00	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.21	10.30	10.30	1.00	YES
					% of room		91.86%	91.86%	1.00	YES
	R4	Floorplan	Residential	LKD	Area m2	24.64	22.27	22.23	1.00	YES
					% of room		90.40%	90.23%	1.00	YES
	R5	Floorplan	Residential	LKD	Area m2	42.53	41.71	41.71	1.00	YES
					% of room		98.07%	98.07%	1.00	YES
	R6	Floorplan	Residential	Bedroom	Area m2	14.26	13.46	13.44	1.00	YES
					% of room		94.44%	94.31%	1.00	YES
	R7	Floorplan	Residential	Bedroom	Area m2	12.42	11.88	11.88	1.00	YES
					% of room		95.66%	95.66%	1.00	YES
Fifteenth	R1	Floorplan	Residential	LKD	Area m2	24.63	19.76	19.74	1.00	YES
					% of room		80.24%	80.15%	1.00	YES
	R2	Floorplan	Residential	Bedroom	Area m2	11.16	10.13	10.13	1.00	YES
					% of room		90.75%	90.75%	1.00	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.21	10.30	10.30	1.00	YES
					% of room		91.86%	91.86%	1.00	YES
	R4	Floorplan	Residential	LKD	Area m2	24.64	22.27	22.23	1.00	YES
					% of room		90.40%	90.23%	1.00	YES
	R5	Floorplan	Residential	LKD	Area m2	42.53	41.71	41.71	1.00	YES
					% of room		98.07%	98.07%	1.00	YES
	R6	Floorplan	Residential	Bedroom	Area m2	14.26	13.46	13.45	1.00	YES
					% of room		94.44%	94.32%	1.00	YES
	R7	Floorplan	Residential	Bedroom	Area m2	12.42	11.88	11.88	1.00	YES
					% of room		95.66%	95.66%	1.00	YES
Sixteenth	R1	Floorplan	Residential	LKD	Area m2	24.63	19.76	19.74	1.00	YES
					% of room		80.24%	80.16%	1.00	YES
	R2	Floorplan	Residential	Bedroom	Area m2	11.16	10.13	10.13	1.00	YES
					% of room		90.75%	90.75%	1.00	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.21	10.30	10.30	1.00	YES
					% of room		91.86%	91.86%	1.00	YES
	R4	Floorplan	Residential	LKD	Area m2	24.64	22.27	22.23	1.00	YES
					% of room		90.40%	90.24%	1.00	YES
	R5	Floorplan	Residential	LKD	Area m2	42.53	41.72	41.71	1.00	YES
					% of room		98.08%	98.08%	1.00	YES
	R6	Floorplan	Residential	Bedroom	Area m2	14.26	13.46	13.45	1.00	YES
					% of room		94.44%	94.33%	1.00	YES
	R7	Floorplan	Residential	Bedroom	Area m2	12.42	11.88	11.88	1.00	YES
					% of room		95.66%	95.66%	1.00	YES
Seventeenth	R1	Floorplan	Residential	LKD	Area m2	24.63	19.76	19.74	1.00	YES
					% of room		80.25%	80.17%	1.00	YES
	R2	Floorplan	Residential	Bedroom	Area m2	11.16	10.13	10.13	1.00	YES

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight Analysis - NSL - Base Scenario  
 Date of Analysis: 18/07/2025

Floor Ref.	Room Ref	Layout Info	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
					% of room		90.75%	90.75%	1.00	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.21	10.30	10.30	1.00	YES
	R4	Floorplan	Residential	LKD	Area m2	24.64	22.27	22.23	1.00	YES
	R5	Floorplan	Residential	LKD	Area m2	42.53	41.72	41.72	1.00	YES
	R6	Floorplan	Residential	Bedroom	Area m2	14.26	13.46	13.45	1.00	YES
	R7	Floorplan	Residential	Bedroom	Area m2	12.42	11.87	11.87	1.00	YES
					% of room		95.64%	95.64%	1.00	YES
Eighteenth	R1	Floorplan	Residential	LKD	Area m2	24.63	19.76	19.74	1.00	YES
	R2	Floorplan	Residential	Bedroom	Area m2	11.16	10.13	10.13	1.00	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.21	10.31	10.31	1.00	YES
	R4	Floorplan	Residential	LKD	Area m2	24.64	22.27	22.23	1.00	YES
	R5	Floorplan	Residential	LKD	Area m2	42.53	41.72	41.72	1.00	YES
	R6	Floorplan	Residential	Bedroom	Area m2	14.26	13.46	13.45	1.00	YES
	R7	Floorplan	Residential	Bedroom	Area m2	12.42	11.87	11.87	1.00	YES
					% of room		95.64%	95.64%	1.00	YES
Nineteenth	R1	Floorplan	Residential	LKD	Area m2	24.63	19.76	19.75	1.00	YES
	R2	Floorplan	Residential	Bedroom	Area m2	11.16	10.13	10.13	1.00	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.21	10.30	10.30	1.00	YES
	R4	Floorplan	Residential	LKD	Area m2	24.64	22.27	22.23	1.00	YES
	R5	Floorplan	Residential	LKD	Area m2	42.53	41.72	41.72	1.00	YES
	R6	Floorplan	Residential	Bedroom	Area m2	14.26	13.46	13.45	1.00	YES
	R7	Floorplan	Residential	Bedroom	Area m2	12.42	11.87	11.87	1.00	YES
					% of room		95.64%	95.64%	1.00	YES
Twentieth	R1	Floorplan	Residential	LKD	Area m2	24.63	19.76	19.75	1.00	YES
	R2	Floorplan	Residential	Bedroom	Area m2	11.16	10.13	10.13	1.00	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.21	10.30	10.30	1.00	YES
	R4	Floorplan	Residential	LKD	Area m2	24.64	22.27	22.23	1.00	YES
	R5	Floorplan	Residential	LKD	Area m2	42.53	41.72	41.72	1.00	YES
	R6	Floorplan	Residential	Bedroom	Area m2	14.26	13.46	13.45	1.00	YES
	R7	Floorplan	Residential	Bedroom	Area m2	12.42	11.87	11.87	1.00	YES
					% of room		95.64%	95.64%	1.00	YES
Twenty First	R1	Floorplan	Residential	LKD	Area m2	24.63	19.76	19.75	1.00	YES
	R2	Floorplan	Residential	Bedroom	Area m2	11.16	10.13	10.13	1.00	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.21	10.30	10.30	1.00	YES
	R4	Floorplan	Residential	LKD	Area m2	24.64	22.27	22.23	1.00	YES
	R5	Floorplan	Residential	LKD	Area m2	42.53	41.72	41.72	1.00	YES
	R6	Floorplan	Residential	Bedroom	Area m2	14.26	13.46	13.45	1.00	YES
	R7	Floorplan	Residential	Bedroom	Area m2	12.42	11.99	11.99	1.00	YES
					% of room		96.58%	96.58%	1.00	YES
Twenty Second	R1	Assumed	Residential	LKD	Area m2	37.39	32.46	32.46	1.00	YES
	R2	Assumed	Residential	Bedroom	Area m2	14.18	12.38	12.38	1.00	YES

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight Analysis - NSL - Base Scenario  
 Date of Analysis: 18/07/2025

Floor Ref.	Room Ref	Layout Info	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R3	Assumed	Residential	Bedroom	% of room		87.30%	87.30%	1.00	YES
					Area m2	11.78	11.43	11.42		
	R4	Assumed	Residential	LKD	% of room		97.04%	96.97%	1.00	YES
					Area m2	36.96	33.81	33.80		
	R5	Assumed	Residential	Bedroom	% of room		91.48%	91.44%	1.00	YES
					Area m2	15.31	10.72	10.53		
	R6	Assumed	Residential	Bedroom	% of room		70.00%	68.79%	0.98	YES
					Area m2	11.90	11.67	11.67		
					% of room		98.13%	98.12%	1.00	YES
Twenty Third	R1	Assumed	Residential	LKD	Area m2	37.39	32.59	32.59		
					% of room		87.16%	87.16%	1.00	YES
<b>Central Quay</b>										
First	R1	Floorplan	Residential	Bedroom	Area m2	10.22	9.99	9.99		
					% of room		97.76%	97.76%	1.00	YES
	R2	Floorplan	Residential	LKD	Area m2	31.05	26.57	26.57		
					% of room		85.56%	85.56%	1.00	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.34	11.24	11.24		
					% of room		99.17%	99.17%	1.00	YES
	R4	Floorplan	Residential	Studio	Area m2	30.68	28.97	28.94		
					% of room		94.43%	94.33%	1.00	YES
	R5	Floorplan	Residential	Bedroom	Area m2	13.01	12.59	12.54		
					% of room		96.77%	96.39%	1.00	YES
	R6	Floorplan	Residential	LKD	Area m2	25.23	24.78	24.51		
					% of room		98.22%	97.15%	0.99	YES
	R7	Floorplan	Residential	LKD	Area m2	27.83	22.34	21.64		
					% of room		80.26%	77.74%	0.97	YES
	R8	Floorplan	Residential	Bedroom	Area m2	12.26	11.86	11.86		
					% of room		96.76%	96.76%	1.00	YES
	R9	Floorplan	Residential	Bedroom	Area m2	12.51	12.13	12.13		
					% of room		96.99%	96.99%	1.00	YES
	R10	Floorplan	Residential	LKD	Area m2	27.87	25.27	25.27		
					% of room		90.69%	90.67%	1.00	YES
	R11	Floorplan	Residential	LKD	Area m2	26.33	22.39	21.88		
					% of room		85.03%	83.09%	0.98	YES
	R12	Floorplan	Residential	Bedroom	Area m2	12.09	11.80	11.80		
					% of room		97.54%	97.54%	1.00	YES
	R13	Floorplan	Residential	Studio	Area m2	31.02	24.82	24.16		
					% of room		80.02%	77.87%	0.97	YES
	R14	Floorplan	Residential	Bedroom	Area m2	12.33	12.06	12.06		
					% of room		97.79%	97.79%	1.00	YES
	R15	Floorplan	Residential	LKD	Area m2	27.82	24.80	24.60		
					% of room		89.12%	88.44%	0.99	YES
	R16	Floorplan	Residential	Bedroom	Area m2	11.65	11.45	11.45		
					% of room		98.27%	98.27%	1.00	YES
	R17	Floorplan	Residential	LKD	Area m2	31.76	28.15	28.15		
					% of room		88.65%	88.65%	1.00	YES
	R18	Floorplan	Residential	Bedroom	Area m2	10.31	10.08	10.08		
					% of room		97.80%	97.80%	1.00	YES
Second	R1	Floorplan	Residential	Bedroom	Area m2	10.22	9.98	9.98		
					% of room		97.71%	97.71%	1.00	YES
	R2	Floorplan	Residential	LKD	Area m2	31.38	26.97	26.91		
					% of room		85.94%	85.74%	1.00	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.75	11.68	11.68		
					% of room		99.45%	99.45%	1.00	YES
	R4	Floorplan	Residential	Studio	Area m2	30.68	29.03	28.99		
					% of room		94.65%	94.52%	1.00	YES
	R5	Floorplan	Residential	Bedroom	Area m2	13.01	12.59	12.54		
					% of room		96.79%	96.41%	1.00	YES
	R6	Floorplan	Residential	LKD	Area m2	25.23	24.94	24.84		
					% of room		98.86%	98.46%	1.00	YES
	R7	Floorplan	Residential	LKD	Area m2	27.83	24.29	23.93		
					% of room		87.29%	85.97%	0.98	YES
	R8	Floorplan	Residential	Bedroom	Area m2	12.26	11.67	11.67		
					% of room		95.21%	95.21%	1.00	YES
	R9	Floorplan	Residential	Bedroom	Area m2	12.51	11.93	11.93		
					% of room		95.38%	95.38%	1.00	YES
	R10	Floorplan	Residential	LKD	Area m2	27.87	25.36	25.17		
					% of room		91.00%	90.31%	0.99	YES

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight Analysis - NSL - Base Scenario  
 Date of Analysis: 18/07/2025

Floor Ref.	Room Ref	Layout Info	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R11	Floorplan	Residential	LKD	Area m2	26.33	23.94	23.70		
					% of room		90.91%	89.99%	0.99	YES
	R12	Floorplan	Residential	Bedroom	Area m2	12.09	11.76	11.76		
					% of room		97.26%	97.26%	1.00	YES
	R13	Floorplan	Residential	Studio	Area m2	31.02	25.04	24.29		
					% of room		80.71%	78.31%	0.97	YES
	R14	Floorplan	Residential	Bedroom	Area m2	12.33	12.07	12.07		
					% of room		97.84%	97.84%	1.00	YES
	R15	Floorplan	Residential	LKD	Area m2	27.82	25.15	25.04		
					% of room		90.40%	90.00%	1.00	YES
	R16	Floorplan	Residential	Bedroom	Area m2	11.65	11.47	11.47		
					% of room		98.47%	98.47%	1.00	YES
	R17	Floorplan	Residential	LKD	Area m2	31.76	28.17	28.17		
					% of room		88.72%	88.72%	1.00	YES
	R18	Floorplan	Residential	Bedroom	Area m2	10.31	10.10	10.10		
					% of room		97.96%	97.96%	1.00	YES
Third	R1	Floorplan	Residential	Bedroom	Area m2	10.22	9.98	9.98		
					% of room		97.72%	97.72%	1.00	YES
	R2	Floorplan	Residential	LKD	Area m2	31.38	27.00	26.93		
					% of room		86.02%	85.81%	1.00	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.75	11.68	11.68		
					% of room		99.41%	99.41%	1.00	YES
	R4	Floorplan	Residential	Studio	Area m2	30.68	29.05	29.01		
					% of room		94.70%	94.57%	1.00	YES
	R5	Floorplan	Residential	Bedroom	Area m2	13.01	12.59	12.54		
					% of room		96.77%	96.40%	1.00	YES
	R6	Floorplan	Residential	LKD	Area m2	25.23	24.94	24.92		
					% of room		98.87%	98.77%	1.00	YES
	R7	Floorplan	Residential	LKD	Area m2	27.83	24.77	24.60		
					% of room		88.98%	88.37%	0.99	YES
	R8	Floorplan	Residential	Bedroom	Area m2	12.26	11.68	11.68		
					% of room		95.29%	95.29%	1.00	YES
	R9	Floorplan	Residential	Bedroom	Area m2	12.51	11.93	11.93		
					% of room		95.39%	95.39%	1.00	YES
	R10	Floorplan	Residential	LKD	Area m2	27.87	25.50	25.42		
					% of room		91.49%	91.21%	1.00	YES
	R11	Floorplan	Residential	LKD	Area m2	26.33	24.55	24.49		
					% of room		93.25%	93.01%	1.00	YES
	R12	Floorplan	Residential	Bedroom	Area m2	12.09	11.76	11.76		
					% of room		97.22%	97.22%	1.00	YES
	R13	Floorplan	Residential	Studio	Area m2	31.02	25.06	24.27		
					% of room		80.78%	78.25%	0.97	YES
	R14	Floorplan	Residential	Bedroom	Area m2	12.33	12.06	12.06		
					% of room		97.77%	97.77%	1.00	YES
	R15	Floorplan	Residential	LKD	Area m2	27.82	25.32	25.28		
					% of room		91.01%	90.88%	1.00	YES
	R16	Floorplan	Residential	Bedroom	Area m2	11.65	11.44	11.44		
					% of room		98.26%	98.26%	1.00	YES
	R17	Floorplan	Residential	LKD	Area m2	31.76	28.20	28.20		
					% of room		88.79%	88.79%	1.00	YES
	R18	Floorplan	Residential	Bedroom	Area m2	10.31	10.08	10.08		
					% of room		97.79%	97.79%	1.00	YES
Fourth	R1	Floorplan	Residential	Bedroom	Area m2	10.22	9.99	9.99		
					% of room		97.73%	97.73%	1.00	YES
	R2	Floorplan	Residential	LKD	Area m2	31.38	27.11	26.93		
					% of room		86.38%	85.82%	0.99	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.75	11.69	11.69		
					% of room		99.47%	99.47%	1.00	YES
	R4	Floorplan	Residential	Studio	Area m2	30.68	29.05	29.01		
					% of room		94.71%	94.58%	1.00	YES
	R5	Floorplan	Residential	Bedroom	Area m2	13.01	12.60	12.54		
					% of room		96.81%	96.41%	1.00	YES
	R6	Floorplan	Residential	LKD	Area m2	25.23	24.97	24.97		
					% of room		98.98%	98.98%	1.00	YES
	R7	Floorplan	Residential	LKD	Area m2	27.83	24.23	23.78		
					% of room		87.06%	85.43%	0.98	YES
	R8	Floorplan	Residential	Bedroom	Area m2	12.26	11.88	11.88		
					% of room		96.89%	96.89%	1.00	YES
	R9	Floorplan	Residential	Bedroom	Area m2	12.51	12.13	12.13		
					% of room		96.98%	96.98%	1.00	YES

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight Analysis - NSL - Base Scenario  
 Date of Analysis: 18/07/2025

Floor Ref.	Room Ref	Layout Info	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R10	Floorplan	Residential	LKD	Area m2	27.87	25.85	25.85		
					% of room		92.77%	92.77%	1.00	YES
	R11	Floorplan	Residential	LKD	Area m2	26.33	24.41	24.18		
					% of room		92.68%	91.83%	0.99	YES
	R12	Floorplan	Residential	Bedroom	Area m2	12.09	11.79	11.79		
					% of room		97.50%	97.50%	1.00	YES
	R13	Floorplan	Residential	Studio	Area m2	31.02	25.16	24.34		
					% of room		81.10%	78.48%	0.97	YES
	R14	Floorplan	Residential	Bedroom	Area m2	12.33	12.07	12.07		
					% of room		97.91%	97.91%	1.00	YES
	R15	Floorplan	Residential	LKD	Area m2	27.82	25.38	25.37		
					% of room		91.24%	91.18%	1.00	YES
	R16	Floorplan	Residential	Bedroom	Area m2	11.65	11.45	11.45		
					% of room		98.28%	98.28%	1.00	YES
	R17	Floorplan	Residential	LKD	Area m2	31.76	28.21	28.21		
					% of room		88.84%	88.84%	1.00	YES
	R18	Floorplan	Residential	Bedroom	Area m2	10.31	10.12	10.12		
					% of room		98.14%	98.14%	1.00	YES
Fifth	R1	Floorplan	Residential	Bedroom	Area m2	10.22	9.99	9.99		
					% of room		97.73%	97.73%	1.00	YES
	R2	Floorplan	Residential	LKD	Area m2	31.38	27.21	26.94		
					% of room		86.71%	85.83%	0.99	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.75	11.68	11.68		
					% of room		99.39%	99.39%	1.00	YES
	R4	Floorplan	Residential	Studio	Area m2	30.68	29.04	29.00		
					% of room		94.67%	94.54%	1.00	YES
	R5	Floorplan	Residential	Bedroom	Area m2	13.01	12.60	12.54		
					% of room		96.81%	96.41%	1.00	YES
	R6	Floorplan	Residential	LKD	Area m2	25.23	24.97	24.97		
					% of room		98.98%	98.98%	1.00	YES
	R7	Floorplan	Residential	LKD	Area m2	27.83	24.28	23.96		
					% of room		87.25%	86.10%	0.99	YES
	R8	Floorplan	Residential	Bedroom	Area m2	12.26	11.88	11.88		
					% of room		96.89%	96.89%	1.00	YES
	R9	Floorplan	Residential	Bedroom	Area m2	12.51	12.13	12.13		
					% of room		96.98%	96.98%	1.00	YES
	R10	Floorplan	Residential	LKD	Area m2	27.87	25.86	25.86		
					% of room		92.81%	92.81%	1.00	YES
	R11	Floorplan	Residential	LKD	Area m2	26.33	24.46	24.27		
					% of room		92.89%	92.18%	0.99	YES
	R12	Floorplan	Residential	Bedroom	Area m2	12.09	11.79	11.79		
					% of room		97.50%	97.50%	1.00	YES
	R13	Floorplan	Residential	Studio	Area m2	31.02	25.21	24.31		
					% of room		81.26%	78.36%	0.96	YES
	R14	Floorplan	Residential	Bedroom	Area m2	12.33	12.05	12.05		
					% of room		97.75%	97.75%	1.00	YES
	R15	Floorplan	Residential	LKD	Area m2	27.82	25.41	25.40		
					% of room		91.33%	91.31%	1.00	YES
	R16	Floorplan	Residential	Bedroom	Area m2	11.65	11.44	11.44		
					% of room		98.23%	98.23%	1.00	YES
	R17	Floorplan	Residential	LKD	Area m2	31.76	28.23	28.23		
					% of room		88.89%	88.89%	1.00	YES
	R18	Floorplan	Residential	Bedroom	Area m2	10.31	10.10	10.10		
					% of room		98.01%	98.01%	1.00	YES
Sixth	R1	Floorplan	Residential	Bedroom	Area m2	10.22	9.99	9.99		
					% of room		97.73%	97.73%	1.00	YES
	R2	Floorplan	Residential	LKD	Area m2	31.38	27.26	26.94		
					% of room		86.85%	85.84%	0.99	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.75	11.69	11.69		
					% of room		99.48%	99.48%	1.00	YES
	R4	Floorplan	Residential	Studio	Area m2	30.68	29.06	29.02		
					% of room		94.74%	94.61%	1.00	YES
	R5	Floorplan	Residential	Bedroom	Area m2	13.01	12.60	12.54		
					% of room		96.81%	96.41%	1.00	YES
	R6	Floorplan	Residential	LKD	Area m2	25.23	24.94	24.94		
					% of room		98.86%	98.86%	1.00	YES
	R7	Floorplan	Residential	LKD	Area m2	27.83	25.06	25.01		
					% of room		90.03%	89.85%	1.00	YES
	R8	Floorplan	Residential	Bedroom	Area m2	12.26	11.69	11.69		
					% of room		95.34%	95.34%	1.00	YES

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight Analysis - NSL - Base Scenario  
 Date of Analysis: 18/07/2025

Floor Ref.	Room Ref	Layout Info	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R9	Floorplan	Residential	Bedroom	Area m2	12.51	11.93	11.93		
					% of room		95.35%	95.35%	1.00	YES
	R10	Floorplan	Residential	LKD	Area m2	27.87	25.63	25.63		
					% of room		91.98%	91.97%	1.00	YES
	R11	Floorplan	Residential	LKD	Area m2	26.33	24.59	24.56		
					% of room		93.38%	93.26%	1.00	YES
	R12	Floorplan	Residential	Bedroom	Area m2	12.09	11.75	11.75		
					% of room		97.18%	97.18%	1.00	YES
	R13	Floorplan	Residential	Studio	Area m2	31.02	25.31	24.37		
					% of room		81.59%	78.55%	0.96	YES
	R14	Floorplan	Residential	Bedroom	Area m2	12.33	12.07	12.07		
					% of room		97.91%	97.91%	1.00	YES
	R15	Floorplan	Residential	LKD	Area m2	27.82	25.43	25.43		
					% of room		91.40%	91.39%	1.00	YES
	R16	Floorplan	Residential	Bedroom	Area m2	11.65	11.45	11.45		
					% of room		98.28%	98.28%	1.00	YES
	R17	Floorplan	Residential	LKD	Area m2	31.76	28.24	28.24		
					% of room		88.93%	88.93%	1.00	YES
	R18	Floorplan	Residential	Bedroom	Area m2	10.31	10.12	10.12		
					% of room		98.15%	98.15%	1.00	YES
Seventh	R1	Floorplan	Residential	Bedroom	Area m2	10.22	9.99	9.99		
					% of room		97.73%	97.73%	1.00	YES
	R2	Floorplan	Residential	LKD	Area m2	31.38	27.27	26.94		
					% of room		86.89%	85.84%	0.99	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.75	11.68	11.68		
					% of room		99.39%	99.39%	1.00	YES
	R4	Floorplan	Residential	Studio	Area m2	30.68	29.05	29.01		
					% of room		94.69%	94.56%	1.00	YES
	R5	Floorplan	Residential	Bedroom	Area m2	13.01	12.60	12.54		
					% of room		96.81%	96.41%	1.00	YES
	R6	Floorplan	Residential	LKD	Area m2	25.23	24.94	24.94		
					% of room		98.86%	98.86%	1.00	YES
	R7	Floorplan	Residential	LKD	Area m2	27.83	25.09	25.04		
					% of room		90.14%	89.96%	1.00	YES
	R8	Floorplan	Residential	Bedroom	Area m2	12.26	11.68	11.68		
					% of room		95.32%	95.32%	1.00	YES
	R9	Floorplan	Residential	Bedroom	Area m2	12.51	11.93	11.93		
					% of room		95.34%	95.34%	1.00	YES
	R10	Floorplan	Residential	LKD	Area m2	27.87	25.65	25.65		
					% of room		92.05%	92.04%	1.00	YES
	R11	Floorplan	Residential	LKD	Area m2	26.33	24.60	24.56		
					% of room		93.40%	93.28%	1.00	YES
	R12	Floorplan	Residential	Bedroom	Area m2	12.09	11.75	11.75		
					% of room		97.18%	97.18%	1.00	YES
	R13	Floorplan	Residential	Studio	Area m2	31.02	25.30	24.33		
					% of room		81.56%	78.42%	0.96	YES
	R14	Floorplan	Residential	Bedroom	Area m2	12.33	12.05	12.05		
					% of room		97.75%	97.75%	1.00	YES
	R15	Floorplan	Residential	LKD	Area m2	27.82	25.44	25.44		
					% of room		91.45%	91.44%	1.00	YES
	R16	Floorplan	Residential	Bedroom	Area m2	11.65	11.44	11.44		
					% of room		98.23%	98.23%	1.00	YES
	R17	Floorplan	Residential	LKD	Area m2	31.76	28.25	28.25		
					% of room		88.96%	88.96%	1.00	YES
	R18	Floorplan	Residential	Bedroom	Area m2	10.31	10.11	10.11		
					% of room		98.03%	98.03%	1.00	YES
Eighth	R1	Floorplan	Residential	Bedroom	Area m2	10.22	9.99	9.99		
					% of room		97.74%	97.74%	1.00	YES
	R2	Floorplan	Residential	LKD	Area m2	31.38	27.31	26.94		
					% of room		87.04%	85.85%	0.99	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.75	11.69	11.69		
					% of room		99.48%	99.48%	1.00	YES
	R4	Floorplan	Residential	Studio	Area m2	30.68	29.06	29.02		
					% of room		94.74%	94.62%	1.00	YES
	R5	Floorplan	Residential	Bedroom	Area m2	13.01	12.60	12.54		
					% of room		96.81%	96.41%	1.00	YES
	R6	Floorplan	Residential	LKD	Area m2	25.23	24.97	24.97		
					% of room		98.98%	98.98%	1.00	YES
	R7	Floorplan	Residential	LKD	Area m2	27.83	24.36	24.16		
					% of room		87.53%	86.81%	0.99	YES

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight Analysis - NSL - Base Scenario  
 Date of Analysis: 18/07/2025

Floor Ref.	Room Ref	Layout Info	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R8	Floorplan	Residential	Bedroom	Area m2	12.26	11.88	11.88		
					% of room		96.89%	96.89%	1.00	YES
	R9	Floorplan	Residential	Bedroom	Area m2	12.51	12.13	12.13		
					% of room		96.98%	96.98%	1.00	YES
	R10	Floorplan	Residential	LKD	Area m2	27.87	25.88	25.88		
					% of room		92.86%	92.86%	1.00	YES
	R11	Floorplan	Residential	LKD	Area m2	26.33	24.51	24.36		
					% of room		93.07%	92.51%	0.99	YES
	R12	Floorplan	Residential	Bedroom	Area m2	12.09	11.79	11.79		
					% of room		97.50%	97.50%	1.00	YES
	R13	Floorplan	Residential	Studio	Area m2	31.02	25.37	24.38		
					% of room		81.78%	78.58%	0.96	YES
	R14	Floorplan	Residential	Bedroom	Area m2	12.33	12.07	12.07		
					% of room		97.91%	97.91%	1.00	YES
	R15	Floorplan	Residential	LKD	Area m2	27.82	25.45	25.45		
					% of room		91.48%	91.47%	1.00	YES
	R16	Floorplan	Residential	Bedroom	Area m2	11.65	11.45	11.45		
					% of room		98.28%	98.28%	1.00	YES
	R17	Floorplan	Residential	LKD	Area m2	31.76	28.26	28.26		
					% of room		88.98%	88.98%	1.00	YES
	R18	Floorplan	Residential	Bedroom	Area m2	10.31	10.12	10.12		
					% of room		98.15%	98.15%	1.00	YES
Ninth	R1	Floorplan	Residential	Bedroom	Area m2	10.22	9.99	9.99		
					% of room		97.74%	97.74%	1.00	YES
	R2	Floorplan	Residential	LKD	Area m2	31.38	27.34	26.94		
					% of room		87.11%	85.85%	0.99	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.75	11.68	11.68		
					% of room		99.40%	99.40%	1.00	YES
	R4	Floorplan	Residential	Studio	Area m2	30.68	29.06	29.02		
					% of room		94.72%	94.60%	1.00	YES
	R5	Floorplan	Residential	Bedroom	Area m2	13.01	12.60	12.54		
					% of room		96.81%	96.41%	1.00	YES
	R6	Floorplan	Residential	LKD	Area m2	25.23	24.97	24.97		
					% of room		98.98%	98.98%	1.00	YES
	R7	Floorplan	Residential	LKD	Area m2	27.83	24.37	24.19		
					% of room		87.56%	86.90%	0.99	YES
	R8	Floorplan	Residential	Bedroom	Area m2	12.26	11.88	11.88		
					% of room		96.88%	96.88%	1.00	YES
	R9	Floorplan	Residential	Bedroom	Area m2	12.51	12.13	12.13		
					% of room		96.98%	96.98%	1.00	YES
	R10	Floorplan	Residential	LKD	Area m2	27.87	25.88	25.88		
					% of room		92.87%	92.87%	1.00	YES
	R11	Floorplan	Residential	LKD	Area m2	26.33	24.51	24.37		
					% of room		93.09%	92.53%	0.99	YES
	R12	Floorplan	Residential	Bedroom	Area m2	12.09	11.79	11.79		
					% of room		97.50%	97.50%	1.00	YES
	R13	Floorplan	Residential	Studio	Area m2	31.02	25.33	24.33		
					% of room		81.67%	78.43%	0.96	YES
	R14	Floorplan	Residential	Bedroom	Area m2	12.33	12.05	12.05		
					% of room		97.75%	97.75%	1.00	YES
	R15	Floorplan	Residential	LKD	Area m2	27.82	25.46	25.46		
					% of room		91.50%	91.50%	1.00	YES
	R16	Floorplan	Residential	Bedroom	Area m2	11.65	11.44	11.44		
					% of room		98.23%	98.23%	1.00	YES
	R17	Floorplan	Residential	LKD	Area m2	31.76	28.26	28.26		
					% of room		89.01%	89.01%	1.00	YES
	R18	Floorplan	Residential	Bedroom	Area m2	10.31	10.11	10.11		
					% of room		98.04%	98.04%	1.00	YES
Tenth	R1	Floorplan	Residential	Bedroom	Area m2	10.22	9.99	9.99		
					% of room		97.74%	97.74%	1.00	YES
	R2	Floorplan	Residential	LKD	Area m2	31.38	27.36	26.94		
					% of room		87.18%	85.85%	0.98	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.75	11.69	11.69		
					% of room		99.48%	99.48%	1.00	YES
	R4	Floorplan	Residential	Studio	Area m2	30.68	29.06	29.02		
					% of room		94.75%	94.62%	1.00	YES
	R5	Floorplan	Residential	Bedroom	Area m2	13.01	12.60	12.54		
					% of room		96.81%	96.41%	1.00	YES
	R6	Floorplan	Residential	LKD	Area m2	25.23	24.94	24.94		
					% of room		98.86%	98.86%	1.00	YES

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight Analysis - NSL - Base Scenario  
 Date of Analysis: 18/07/2025

Floor Ref.	Room Ref	Layout Info	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R7	Floorplan	Residential	LKD	Area m2	27.83	25.12	25.07		
					% of room		90.26%	90.08%	1.00	YES
	R8	Floorplan	Residential	Bedroom	Area m2	12.26	11.36	11.36		
					% of room		92.64%	92.64%	1.00	YES
	R9	Floorplan	Residential	Bedroom	Area m2	12.51	11.92	11.92		
					% of room		95.32%	95.32%	1.00	YES
	R10	Floorplan	Residential	LKD	Area m2	27.87	25.68	25.68		
					% of room		92.17%	92.17%	1.00	YES
	R11	Floorplan	Residential	LKD	Area m2	26.33	24.61	24.57		
					% of room		93.46%	93.32%	1.00	YES
	R12	Floorplan	Residential	Bedroom	Area m2	12.09	11.75	11.75		
					% of room		97.18%	97.18%	1.00	YES
	R13	Floorplan	Residential	Studio	Area m2	31.02	25.33	24.33		
					% of room		81.66%	78.43%	0.96	YES
	R14	Floorplan	Residential	Bedroom	Area m2	12.33	12.05	12.05		
					% of room		97.74%	97.74%	1.00	YES
	R15	Floorplan	Residential	LKD	Area m2	27.82	25.46	25.46		
					% of room		91.52%	91.52%	1.00	YES
	R16	Floorplan	Residential	Bedroom	Area m2	11.65	11.44	11.44		
					% of room		98.23%	98.23%	1.00	YES
	R17	Floorplan	Residential	LKD	Area m2	31.76	28.27	28.27		
					% of room		89.03%	89.03%	1.00	YES
	R18	Floorplan	Residential	Bedroom	Area m2	10.31	10.11	10.11		
					% of room		98.04%	98.04%	1.00	YES
Eleventh	R1	Floorplan	Residential	Bedroom	Area m2	10.22	9.99	9.99		
					% of room		97.74%	97.74%	1.00	YES
	R2	Floorplan	Residential	LKD	Area m2	31.38	27.38	26.94		
					% of room		87.23%	85.85%	0.98	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.75	11.68	11.68		
					% of room		99.44%	99.44%	1.00	YES
	R4	Floorplan	Residential	Studio	Area m2	30.68	29.06	29.02		
					% of room		94.73%	94.60%	1.00	YES
	R5	Floorplan	Residential	Bedroom	Area m2	13.01	12.60	12.54		
					% of room		96.82%	96.41%	1.00	YES
	R6	Floorplan	Residential	LKD	Area m2	25.23	24.94	24.94		
					% of room		98.86%	98.86%	1.00	YES
	R7	Floorplan	Residential	LKD	Area m2	27.83	25.13	25.08		
					% of room		90.28%	90.10%	1.00	YES
	R8	Floorplan	Residential	Bedroom	Area m2	12.26	11.35	11.35		
					% of room		92.59%	92.59%	1.00	YES
	R9	Floorplan	Residential	Bedroom	Area m2	12.51	11.92	11.92		
					% of room		95.30%	95.30%	1.00	YES
	R10	Floorplan	Residential	LKD	Area m2	27.87	25.69	25.69		
					% of room		92.19%	92.19%	1.00	YES
	R11	Floorplan	Residential	LKD	Area m2	26.33	24.61	24.58		
					% of room		93.47%	93.33%	1.00	YES
	R12	Floorplan	Residential	Bedroom	Area m2	12.09	11.75	11.75		
					% of room		97.18%	97.18%	1.00	YES
	R13	Floorplan	Residential	Studio	Area m2	31.02	25.34	24.34		
					% of room		81.70%	78.46%	0.96	YES
	R14	Floorplan	Residential	Bedroom	Area m2	12.33	12.05	12.05		
					% of room		97.74%	97.74%	1.00	YES
	R15	Floorplan	Residential	LKD	Area m2	27.82	25.46	25.46		
					% of room		91.52%	91.52%	1.00	YES
	R16	Floorplan	Residential	Bedroom	Area m2	11.65	11.44	11.44		
					% of room		98.23%	98.23%	1.00	YES
	R17	Floorplan	Residential	LKD	Area m2	31.76	28.27	28.27		
					% of room		89.03%	89.03%	1.00	YES
	R18	Floorplan	Residential	Bedroom	Area m2	10.31	10.11	10.11		
					% of room		98.05%	98.05%	1.00	YES
Twelfth	R1	Floorplan	Residential	Bedroom	Area m2	10.22	9.99	9.99		
					% of room		97.74%	97.74%	1.00	YES
	R2	Floorplan	Residential	LKD	Area m2	31.38	27.38	26.94		
					% of room		87.25%	85.85%	0.98	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.75	11.69	11.69		
					% of room		99.48%	99.48%	1.00	YES
	R4	Floorplan	Residential	Studio	Area m2	30.68	29.06	29.03		
					% of room		94.75%	94.62%	1.00	YES
	R5	Floorplan	Residential	Bedroom	Area m2	13.01	12.60	12.54		
					% of room		96.82%	96.41%	1.00	YES

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight Analysis - NSL - Base Scenario  
 Date of Analysis: 18/07/2025

Floor Ref.	Room Ref	Layout Info	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R6	Floorplan	Residential	LKD	Area m2	25.23	24.97	24.97		
					% of room		98.98%	98.98%	1.00	YES
	R7	Floorplan	Residential	LKD	Area m2	27.83	24.40	24.25		
					% of room		87.68%	87.14%	0.99	YES
	R8	Floorplan	Residential	Bedroom	Area m2	12.26	11.89	11.89		
					% of room		97.01%	97.01%	1.00	YES
	R9	Floorplan	Residential	Bedroom	Area m2	12.51	12.13	12.13		
					% of room		96.97%	96.97%	1.00	YES
	R10	Floorplan	Residential	LKD	Area m2	27.87	25.88	25.88		
					% of room		92.89%	92.89%	1.00	YES
	R11	Floorplan	Residential	LKD	Area m2	26.33	24.53	24.38		
					% of room		93.14%	92.59%	0.99	YES
	R12	Floorplan	Residential	Bedroom	Area m2	12.09	11.80	11.80		
					% of room		97.54%	97.54%	1.00	YES
	R13	Floorplan	Residential	Studio	Area m2	31.02	25.39	24.39		
					% of room		81.86%	78.64%	0.96	YES
	R14	Floorplan	Residential	Bedroom	Area m2	12.33	12.07	12.07		
					% of room		97.91%	97.91%	1.00	YES
	R15	Floorplan	Residential	LKD	Area m2	27.82	25.47	25.47		
					% of room		91.56%	91.56%	1.00	YES
	R16	Floorplan	Residential	Bedroom	Area m2	11.65	11.45	11.45		
					% of room		98.28%	98.28%	1.00	YES
	R17	Floorplan	Residential	LKD	Area m2	31.76	28.28	28.28		
					% of room		89.05%	89.05%	1.00	YES
	R18	Floorplan	Residential	Bedroom	Area m2	10.31	10.12	10.12		
					% of room		98.15%	98.15%	1.00	YES
Thirteenth	R1	Floorplan	Residential	LKD	Area m2	31.38	27.40	26.94		
					% of room		87.30%	85.85%	0.98	YES
	R2	Floorplan	Residential	Bedroom	Area m2	11.75	11.69	11.69		
					% of room		99.46%	99.46%	1.00	YES
	R3	Floorplan	Residential	Studio	Area m2	30.68	29.06	29.02		
					% of room		94.73%	94.61%	1.00	YES
	R4	Floorplan	Residential	Bedroom	Area m2	13.01	12.60	12.55		
					% of room		96.84%	96.44%	1.00	YES
	R5	Floorplan	Residential	LKD	Area m2	25.23	24.97	24.97		
					% of room		98.98%	98.98%	1.00	YES
	R6	Floorplan	Residential	LKD	Area m2	27.83	24.40	24.25		
					% of room		87.68%	87.15%	0.99	YES
	R7	Floorplan	Residential	Bedroom	Area m2	12.26	11.88	11.88		
					% of room		96.92%	96.92%	1.00	YES
	R8	Floorplan	Residential	Bedroom	Area m2	12.51	12.13	12.13		
					% of room		96.97%	96.97%	1.00	YES
	R9	Floorplan	Residential	LKD	Area m2	27.87	25.88	25.88		
					% of room		92.89%	92.89%	1.00	YES
	R10	Floorplan	Residential	LKD	Area m2	26.33	24.53	24.39		
					% of room		93.15%	92.61%	0.99	YES
	R11	Floorplan	Residential	Bedroom	Area m2	12.09	11.80	11.80		
					% of room		97.57%	97.57%	1.00	YES
	R12	Floorplan	Residential	Studio	Area m2	31.02	25.41	24.40		
					% of room		81.90%	78.65%	0.96	YES
	R13	Floorplan	Residential	Bedroom	Area m2	12.33	12.07	12.07		
					% of room		97.91%	97.91%	1.00	YES
	R14	Floorplan	Residential	LKD	Area m2	27.82	25.48	25.48		
					% of room		91.59%	91.59%	1.00	YES
	R15	Floorplan	Residential	Bedroom	Area m2	11.65	11.45	11.45		
					% of room		98.28%	98.28%	1.00	YES
	R16	Floorplan	Residential	LKD	Area m2	31.76	26.79	26.79		
					% of room		84.37%	84.37%	1.00	YES
	R17	Floorplan	Residential	Bedroom	Area m2	10.31	0.00	0.00		
					% of room		0.00%	0.00%	1.00	YES
Fourteenth	R1	Floorplan	Residential	Bedroom	Area m2	10.40	10.21	10.21		
					% of room		98.19%	98.19%	1.00	YES
	R2	Floorplan	Residential	LKD	Area m2	31.47	27.49	27.02		
					% of room		87.33%	85.84%	0.98	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.78	11.71	11.71		
					% of room		99.45%	99.45%	1.00	YES
	R4	Floorplan	Residential	Studio	Area m2	31.13	29.81	29.78		
					% of room		95.74%	95.66%	1.00	YES
	R5	Floorplan	Residential	Bedroom	Area m2	13.20	12.96	12.90		
					% of room		98.17%	97.78%	1.00	YES

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight Analysis - NSL - Base Scenario  
 Date of Analysis: 18/07/2025

Floor Ref.	Room Ref	Layout Info	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R6	Floorplan	Residential	LKD	Area m2	25.40	25.15	25.15		
					% of room		98.99%	98.99%	1.00	YES
	R7	Floorplan	Residential	LKD	Area m2	28.07	25.30	25.25		
					% of room		90.13%	89.96%	1.00	YES
	R8	Floorplan	Residential	Bedroom	Area m2	12.50	11.52	11.52		
					% of room		92.14%	92.14%	1.00	YES
	R9	Floorplan	Residential	Bedroom	Area m2	12.71	12.14	12.14		
					% of room		95.52%	95.52%	1.00	YES
	R10	Floorplan	Residential	LKD	Area m2	28.06	25.87	25.87		
					% of room		92.17%	92.17%	1.00	YES
	R11	Floorplan	Residential	LKD	Area m2	26.51	24.82	24.78		
					% of room		93.63%	93.48%	1.00	YES
	R12	Floorplan	Residential	Bedroom	Area m2	12.24	11.92	11.92		
					% of room		97.39%	97.39%	1.00	YES
Fifteenth	R1	Floorplan	Residential	Bedroom	Area m2	10.41	10.22	10.22		
					% of room		98.18%	98.18%	1.00	YES
	R2	Floorplan	Residential	LKD	Area m2	31.49	27.50	27.04		
					% of room		87.35%	85.88%	0.98	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.78	11.71	11.71		
					% of room		99.45%	99.45%	1.00	YES
	R4	Floorplan	Residential	Studio	Area m2	31.13	29.81	29.78		
					% of room		95.74%	95.65%	1.00	YES
	R5	Floorplan	Residential	Bedroom	Area m2	13.13	12.73	12.68		
					% of room		96.90%	96.53%	1.00	YES
	R6	Floorplan	Residential	LKD	Area m2	25.40	25.15	25.15		
					% of room		98.99%	98.99%	1.00	YES
	R7	Floorplan	Residential	LKD	Area m2	28.07	25.32	25.27		
					% of room		90.22%	90.03%	1.00	YES
	R8	Floorplan	Residential	Bedroom	Area m2	12.50	11.51	11.51		
					% of room		92.10%	92.10%	1.00	YES
	R9	Floorplan	Residential	Bedroom	Area m2	12.71	12.15	12.15		
					% of room		95.56%	95.56%	1.00	YES
	R10	Floorplan	Residential	LKD	Area m2	28.06	25.85	25.85		
					% of room		92.13%	92.13%	1.00	YES
	R11	Floorplan	Residential	Bedroom	Area m2	11.14	10.79	10.79		
					% of room		96.94%	96.94%	1.00	YES
	R12	Floorplan	Residential	LKD	Area m2	33.01	32.82	32.76		
					% of room		99.41%	99.23%	1.00	YES
Sixteenth	R1	Floorplan	Residential	Bedroom	Area m2	10.41	10.22	10.22		
					% of room		98.18%	98.18%	1.00	YES
	R2	Floorplan	Residential	LKD	Area m2	31.49	27.51	27.04		
					% of room		87.36%	85.88%	0.98	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.78	11.71	11.71		
					% of room		99.45%	99.45%	1.00	YES
	R4	Floorplan	Residential	Studio	Area m2	31.13	29.81	29.78		
					% of room		95.74%	95.65%	1.00	YES
	R5	Floorplan	Residential	Bedroom	Area m2	13.13	12.73	12.68		
					% of room		96.90%	96.54%	1.00	YES
	R6	Floorplan	Residential	LKD	Area m2	25.40	25.15	25.15		
					% of room		98.99%	98.99%	1.00	YES
	R7	Floorplan	Residential	LKD	Area m2	28.07	25.33	25.27		
					% of room		90.24%	90.05%	1.00	YES
	R8	Floorplan	Residential	Bedroom	Area m2	12.50	11.53	11.53		
					% of room		92.22%	92.22%	1.00	YES
	R9	Floorplan	Residential	Bedroom	Area m2	12.71	12.15	12.15		
					% of room		95.62%	95.62%	1.00	YES
	R10	Floorplan	Residential	LKD	Area m2	28.06	25.86	25.86		
					% of room		92.14%	92.14%	1.00	YES
	R11	Floorplan	Residential	Bedroom	Area m2	11.14	10.82	10.82		
					% of room		97.18%	97.18%	1.00	YES
	R12	Floorplan	Residential	LKD	Area m2	33.01	32.82	32.76		
					% of room		99.41%	99.23%	1.00	YES
Seventeenth	R1	Floorplan	Residential	Bedroom	Area m2	10.41	10.22	10.22		
					% of room		98.18%	98.18%	1.00	YES
	R2	Floorplan	Residential	LKD	Area m2	31.49	27.51	27.04		
					% of room		87.38%	85.88%	0.98	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.78	11.71	11.71		
					% of room		99.45%	99.45%	1.00	YES
	R4	Floorplan	Residential	Studio	Area m2	31.13	29.81	29.78		
					% of room		95.74%	95.65%	1.00	YES

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight Analysis - NSL - Base Scenario  
 Date of Analysis: 18/07/2025

Floor Ref.	Room Ref	Layout Info	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R5	Floorplan	Residential	Bedroom	Area m2	13.13	12.73	12.68		
					% of room		96.90%	96.57%	1.00	YES
	R6	Floorplan	Residential	LKD	Area m2	25.40	25.18	25.18		
					% of room		99.13%	99.13%	1.00	YES
	R7	Floorplan	Residential	LKD	Area m2	28.07	24.66	24.52		
					% of room		87.87%	87.35%	0.99	YES
	R8	Floorplan	Residential	Bedroom	Area m2	12.50	12.11	12.11		
					% of room		96.88%	96.88%	1.00	YES
	R9	Floorplan	Residential	Bedroom	Area m2	12.71	12.40	12.40		
					% of room		97.54%	97.54%	1.00	YES
	R10	Floorplan	Residential	LKD	Area m2	28.06	26.13	26.13		
					% of room		93.12%	93.12%	1.00	YES
	R11	Floorplan	Residential	Bedroom	Area m2	11.14	10.93	10.93		
					% of room		98.13%	98.13%	1.00	YES
	R12	Floorplan	Residential	LKD	Area m2	33.01	32.88	32.86		
					% of room		99.59%	99.55%	1.00	YES
Eighteenth	R1	Floorplan	Residential	Bedroom	Area m2	10.41	10.22	10.22		
					% of room		98.18%	98.18%	1.00	YES
	R2	Floorplan	Residential	LKD	Area m2	31.49	27.52	27.04		
					% of room		87.39%	85.88%	0.98	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.78	11.71	11.71		
					% of room		99.45%	99.45%	1.00	YES
	R4	Floorplan	Residential	Studio	Area m2	31.13	29.81	29.78		
					% of room		95.74%	95.65%	1.00	YES
	R5	Floorplan	Residential	Bedroom	Area m2	13.13	12.73	12.68		
					% of room		96.91%	96.58%	1.00	YES
	R6	Floorplan	Residential	LKD	Area m2	25.40	25.18	25.18		
					% of room		99.13%	99.13%	1.00	YES
	R7	Floorplan	Residential	LKD	Area m2	28.07	24.66	24.52		
					% of room		87.87%	87.35%	0.99	YES
	R8	Floorplan	Residential	Bedroom	Area m2	12.50	12.16	12.16		
					% of room		97.29%	97.29%	1.00	YES
	R9	Floorplan	Residential	Bedroom	Area m2	12.71	12.42	12.42		
					% of room		97.73%	97.73%	1.00	YES
	R10	Floorplan	Residential	LKD	Area m2	28.06	26.13	26.13		
					% of room		93.12%	93.12%	1.00	YES
	R11	Floorplan	Residential	Bedroom	Area m2	11.14	10.93	10.93		
					% of room		98.13%	98.13%	1.00	YES
	R12	Floorplan	Residential	LKD	Area m2	33.01	32.88	32.86		
					% of room		99.59%	99.55%	1.00	YES
Nineteenth	R1	Floorplan	Residential	Bedroom	Area m2	10.41	10.22	10.22		
					% of room		98.23%	98.23%	1.00	YES
	R2	Floorplan	Residential	LKD	Area m2	31.49	27.55	27.04		
					% of room		87.50%	85.89%	0.98	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.78	11.72	11.72		
					% of room		99.47%	99.47%	1.00	YES
	R4	Floorplan	Residential	Studio	Area m2	31.13	29.81	29.78		
					% of room		95.74%	95.65%	1.00	YES
	R5	Floorplan	Residential	Bedroom	Area m2	13.13	12.73	12.69		
					% of room		96.90%	96.60%	1.00	YES
	R6	Floorplan	Residential	LKD	Area m2	25.40	25.18	25.18		
					% of room		99.13%	99.13%	1.00	YES
	R7	Floorplan	Residential	LKD	Area m2	28.07	24.62	24.48		
					% of room		87.72%	87.23%	0.99	YES
	R8	Floorplan	Residential	Bedroom	Area m2	12.50	12.20	12.20		
					% of room		97.58%	97.58%	1.00	YES
	R9	Floorplan	Residential	Bedroom	Area m2	12.71	12.43	12.43		
					% of room		97.83%	97.83%	1.00	YES
	R10	Floorplan	Residential	LKD	Area m2	28.06	26.15	26.15		
					% of room		93.19%	93.19%	1.00	YES
	R11	Floorplan	Residential	Bedroom	Area m2	11.14	10.95	10.95		
					% of room		98.30%	98.30%	1.00	YES
	R12	Floorplan	Residential	LKD	Area m2	33.01	32.88	32.87		
					% of room		99.58%	99.56%	1.00	YES
Twentieth	R1	Floorplan	Residential	Bedroom	Area m2	10.41	10.22	10.22		
					% of room		98.25%	98.25%	1.00	YES
	R2	Floorplan	Residential	LKD	Area m2	31.49	27.55	27.04		
					% of room		87.50%	85.89%	0.98	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.78	11.72	11.72		
					% of room		99.47%	99.47%	1.00	YES

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight Analysis - NSL - Base Scenario  
 Date of Analysis: 18/07/2025

Floor Ref.	Room Ref	Layout Info	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R4	Floorplan	Residential	Studio	Area m2	31.13	29.81	29.78		
					% of room		95.74%	95.65%	1.00	YES
	R5	Floorplan	Residential	Bedroom	Area m2	13.13	12.73	12.69		
					% of room		96.97%	96.64%	1.00	YES
	R6	Floorplan	Residential	LKD	Area m2	25.40	25.14	25.14		
					% of room		98.97%	98.97%	1.00	YES
	R7	Floorplan	Residential	LKD	Area m2	28.07	25.38	25.34		
					% of room		90.43%	90.27%	1.00	YES
	R8	Floorplan	Residential	Bedroom	Area m2	12.50	11.93	11.93		
					% of room		95.42%	95.42%	1.00	YES
	R9	Floorplan	Residential	Bedroom	Area m2	12.71	12.34	12.34		
					% of room		97.06%	97.06%	1.00	YES
	R10	Floorplan	Residential	LKD	Area m2	28.06	25.87	25.87		
					% of room		92.18%	92.18%	1.00	YES
	R11	Floorplan	Residential	Bedroom	Area m2	11.14	10.90	10.90		
					% of room		97.92%	97.92%	1.00	YES
	R12	Floorplan	Residential	LKD	Area m2	33.01	32.83	32.76		
					% of room		99.44%	99.24%	1.00	YES
Twenty First	R1	Floorplan	Residential	Bedroom	Area m2	10.41	10.22	10.22		
					% of room		98.25%	98.25%	1.00	YES
	R2	Floorplan	Residential	LKD	Area m2	31.49	27.55	27.04		
					% of room		87.51%	85.89%	0.98	YES
	R3	Floorplan	Residential	Bedroom	Area m2	11.78	11.72	11.72		
					% of room		99.49%	99.49%	1.00	YES
	R4	Floorplan	Residential	Studio	Area m2	31.13	29.81	29.79		
					% of room		95.75%	95.67%	1.00	YES
	R5	Floorplan	Residential	Bedroom	Area m2	13.13	12.73	12.70		
					% of room		96.97%	96.68%	1.00	YES
	R6	Floorplan	Residential	LKD	Area m2	25.40	25.15	25.15		
					% of room		98.98%	98.98%	1.00	YES
	R7	Floorplan	Residential	LKD	Area m2	28.07	25.42	25.38		
					% of room		90.58%	90.41%	1.00	YES
	R8	Floorplan	Residential	Bedroom	Area m2	12.50	12.08	12.08		
					% of room		96.67%	96.67%	1.00	YES
	R9	Floorplan	Residential	Bedroom	Area m2	12.71	12.34	12.34		
					% of room		97.10%	97.10%	1.00	YES
	R10	Floorplan	Residential	LKD	Area m2	28.06	25.87	25.87		
					% of room		92.18%	92.18%	1.00	YES
	R11	Floorplan	Residential	Bedroom	Area m2	11.14	10.90	10.90		
					% of room		97.93%	97.93%	1.00	YES
	R12	Floorplan	Residential	LKD	Area m2	33.01	32.83	32.76		
					% of room		99.44%	99.24%	1.00	YES
Twenty Second	R1	Floorplan	Residential	Bedroom	Area m2	9.83	9.72	9.72		
					% of room		98.90%	98.90%	1.00	YES
	R2	Floorplan	Residential	Bedroom	Area m2	12.30	12.14	12.14		
					% of room		98.69%	98.69%	1.00	YES
	R3	Floorplan	Residential	Bedroom	Area m2	12.41	12.18	12.18		
					% of room		98.16%	98.16%	1.00	YES
	R4	Floorplan	Residential	LKD	Area m2	27.11	23.88	23.68		
					% of room		88.09%	87.36%	0.99	YES
	R5	Floorplan	Residential	Bedroom	Area m2	12.68	12.32	12.32		
					% of room		97.13%	97.13%	1.00	YES
	R6	Floorplan	Residential	LKD	Area m2	28.06	25.88	25.88		
					% of room		92.24%	92.24%	1.00	YES
	R7	Floorplan	Residential	Bedroom	Area m2	11.14	10.91	10.91		
					% of room		97.94%	97.94%	1.00	YES
	R8	Floorplan	Residential	LKD	Area m2	33.12	32.94	32.91		
					% of room		99.44%	99.35%	1.00	YES
Twenty Third	R1	Floorplan	Residential	Bedroom	Area m2	9.83	9.72	9.72		
					% of room		98.91%	98.91%	1.00	YES
	R2	Floorplan	Residential	Bedroom	Area m2	12.30	12.14	12.14		
					% of room		98.69%	98.69%	1.00	YES
	R3	Floorplan	Residential	Bedroom	Area m2	12.41	12.18	12.18		
					% of room		98.16%	98.16%	1.00	YES
	R4	Floorplan	Residential	LKD	Area m2	27.11	23.88	23.68		
					% of room		88.09%	87.37%	0.99	YES
	R5	Floorplan	Residential	Bedroom	Area m2	12.68	12.32	12.32		
					% of room		97.13%	97.13%	1.00	YES
	R6	Floorplan	Residential	LKD	Area m2	28.06	25.88	25.88		
					% of room		92.24%	92.24%	1.00	YES

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight Analysis - NSL - Base Scenario  
 Date of Analysis: 18/07/2025

Floor Ref.	Room Ref	Layout Info	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R7	Floorplan	Residential	Bedroom	Area m2	11.14	10.91	10.91		
	R8	Floorplan	Residential	LKD	% of room	33.12	97.94%	97.94%	1.00	YES
					Area m2		32.94	32.91		
					% of room		99.44%	99.35%	1.00	YES
Twenty Fourth	R1	Floorplan	Residential	Bedroom	Area m2	9.83	9.74	9.74		
					% of room		99.14%	99.14%	1.00	YES
	R2	Floorplan	Residential	Bedroom	Area m2	12.30	11.99	11.99		
					% of room		97.47%	97.47%	1.00	YES
	R3	Floorplan	Residential	Bedroom	Area m2	12.41	12.21	12.21		
					% of room		98.33%	98.33%	1.00	YES
	R4	Floorplan	Residential	LKD	Area m2	27.11	24.71	24.63		
					% of room		91.15%	90.87%	1.00	YES
	R5	Floorplan	Residential	Bedroom	Area m2	12.68	12.41	12.41		
					% of room		97.85%	97.85%	1.00	YES
	R6	Floorplan	Residential	LKD	Area m2	28.06	26.17	26.17		
					% of room		93.25%	93.25%	1.00	YES
	R7	Floorplan	Residential	Bedroom	Area m2	11.14	10.94	10.94		
					% of room		98.29%	98.29%	1.00	YES
	R8	Floorplan	Residential	LKD	Area m2	33.12	32.99	32.98		
					% of room		99.61%	99.58%	1.00	YES
Twenty Fifth	R1	Floorplan	Residential	Bedroom	Area m2	9.83	9.72	9.72		
					% of room		98.89%	98.89%	1.00	YES
	R2	Floorplan	Residential	Bedroom	Area m2	12.30	11.97	11.97		
					% of room		97.31%	97.31%	1.00	YES
	R3	Floorplan	Residential	Bedroom	Area m2	12.41	12.17	12.17		
					% of room		98.00%	98.00%	1.00	YES
	R4	Floorplan	Residential	LKD	Area m2	27.10	24.70	24.50		
					% of room		91.11%	90.41%	0.99	YES
	R5	Floorplan	Residential	Bedroom	Area m2	12.69	12.44	12.44		
					% of room		98.05%	98.05%	1.00	YES
	R6	Floorplan	Residential	LKD	Area m2	28.06	26.13	26.13		
					% of room		93.12%	93.12%	1.00	YES
	R7	Floorplan	Residential	Bedroom	Area m2	14.12	13.89	13.89		
					% of room		98.36%	98.36%	1.00	YES
	R8	Floorplan	Residential	Bedroom	Area m2	13.44	13.35	13.35		
					% of room		99.33%	99.33%	1.00	YES
Twenty Sixth	R1	Floorplan	Residential	Bedroom	Area m2	9.83	9.72	9.72		
					% of room		98.89%	98.89%	1.00	YES
	R2	Floorplan	Residential	Bedroom	Area m2	12.30	11.97	11.97		
					% of room		97.31%	97.31%	1.00	YES
	R3	Floorplan	Residential	Bedroom	Area m2	12.41	12.17	12.17		
					% of room		98.00%	98.00%	1.00	YES
	R4	Floorplan	Residential	LKD	Area m2	27.10	24.70	24.50		
					% of room		91.11%	90.41%	0.99	YES
	R5	Floorplan	Residential	Bedroom	Area m2	12.69	12.44	12.44		
					% of room		98.05%	98.05%	1.00	YES
	R6	Floorplan	Residential	LKD	Area m2	28.06	26.13	26.13		
					% of room		93.12%	93.12%	1.00	YES
	R7	Floorplan	Residential	Bedroom	Area m2	14.12	13.89	13.89		
					% of room		98.36%	98.36%	1.00	YES
	R8	Floorplan	Residential	Bedroom	Area m2	13.44	13.35	13.35		
					% of room		99.33%	99.33%	1.00	YES
Twenty Seventh	R1	Floorplan	Residential	Bedroom	Area m2	9.83	9.72	9.72		
					% of room		98.89%	98.89%	1.00	YES
	R2	Floorplan	Residential	Bedroom	Area m2	12.30	11.97	11.97		
					% of room		97.31%	97.31%	1.00	YES
	R3	Floorplan	Residential	Bedroom	Area m2	12.41	12.17	12.17		
					% of room		98.00%	98.00%	1.00	YES
	R4	Floorplan	Residential	LKD	Area m2	27.10	24.70	24.50		
					% of room		91.11%	90.41%	0.99	YES
	R5	Floorplan	Residential	Bedroom	Area m2	12.69	12.44	12.44		
					% of room		98.05%	98.05%	1.00	YES
	R6	Floorplan	Residential	LKD	Area m2	28.06	26.13	26.13		
					% of room		93.12%	93.12%	1.00	YES
	R7	Floorplan	Residential	Bedroom	Area m2	14.12	13.89	13.89		
					% of room		98.36%	98.36%	1.00	YES
	R8	Floorplan	Residential	Bedroom	Area m2	13.44	13.35	13.35		
					% of room		99.33%	99.33%	1.00	YES
Twenty Eighth	R1	Floorplan	Residential	Bedroom	Area m2	21.21	20.72	20.72		
					% of room		97.66%	97.66%	1.00	YES

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight Analysis - NSL - Base Scenario  
 Date of Analysis: 18/07/2025

Floor Ref.	Room Ref	Layout Info	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R2	Floorplan	Residential	Bedroom	Area m2	16.27	15.61	15.61		
					% of room		95.94%	95.94%	1.00	YES
	R3	Floorplan	Residential	Bedroom	Area m2	12.58	12.29	12.29		
					% of room		97.76%	97.76%	1.00	YES
	R4	Floorplan	Residential	LKD	Area m2	27.10	24.67	24.48		
					% of room		91.01%	90.34%	0.99	YES
	R5	Floorplan	Residential	Bedroom	Area m2	12.69	12.44	12.44		
					% of room		98.05%	98.05%	1.00	YES
	R6	Floorplan	Residential	LKD	Area m2	28.06	26.15	26.15		
					% of room		93.18%	93.18%	1.00	YES
	R7	Floorplan	Residential	Bedroom	Area m2	14.12	13.90	13.90		
					% of room		98.38%	98.38%	1.00	YES
	R8	Floorplan	Residential	Bedroom	Area m2	13.44	13.35	13.35		
					% of room		99.33%	99.33%	1.00	YES
<b>Century Court</b>										
Ground	R1	Floorplan	Residential	LD	Area m2	22.07	21.61	21.61		
					% of room		97.93%	97.92%	1.00	YES
	R2	Floorplan	Residential	Unknown	Area m2	8.54	8.41	8.41		
					% of room		98.51%	98.51%	1.00	YES
	R3	Floorplan	Residential	Unknown	Area m2	14.78	14.41	14.41		
					% of room		97.44%	97.44%	1.00	YES
	R4	Floorplan	Residential	Unknown	Area m2	15.15	14.68	14.68		
					% of room		96.89%	96.89%	1.00	YES
	R5	Floorplan	Residential	LD	Area m2	21.08	20.61	20.61		
					% of room		97.74%	97.74%	1.00	YES
First	R1	Floorplan	Residential	LD	Area m2	26.23	23.28	23.27		
					% of room		88.73%	88.72%	1.00	YES
	R2	Floorplan	Residential	Bedroom	Area m2	10.00	9.52	9.52		
					% of room		95.23%	95.21%	1.00	YES
	R3	Floorplan	Residential	LD	Area m2	22.81	22.23	22.23		
					% of room		97.45%	97.45%	1.00	YES
	R4	Floorplan	Residential	LD	Area m2	22.95	22.48	22.47		
					% of room		97.97%	97.94%	1.00	YES
	R5	Floorplan	Residential	Bedroom	Area m2	10.00	9.61	9.61		
					% of room		96.10%	96.10%	1.00	YES
	R6	Floorplan	Residential	LD	Area m2	22.07	21.68	21.68		
					% of room		98.22%	98.22%	1.00	YES
	R7	Floorplan	Residential	Unknown	Area m2	16.92	15.93	15.93		
					% of room		94.15%	94.15%	1.00	YES
	R8	Floorplan	Residential	Unknown	Area m2	14.78	14.48	14.48		
					% of room		97.97%	97.97%	1.00	YES
	R9	Floorplan	Residential	Unknown	Area m2	15.15	14.78	14.78		
					% of room		97.55%	97.55%	1.00	YES
	R10	Floorplan	Residential	LD	Area m2	21.08	20.54	20.54		
					% of room		97.42%	97.41%	1.00	YES
Second	R1	Floorplan	Residential	LD	Area m2	26.23	23.81	23.80		
					% of room		90.75%	90.74%	1.00	YES
	R2	Floorplan	Residential	Bedroom	Area m2	10.00	9.53	9.53		
					% of room		95.28%	95.26%	1.00	YES
	R3	Floorplan	Residential	LD	Area m2	22.81	22.38	22.38		
					% of room		98.10%	98.10%	1.00	YES
	R4	Floorplan	Residential	LD	Area m2	22.95	22.50	22.49		
					% of room		98.04%	98.02%	1.00	YES
	R5	Floorplan	Residential	Bedroom	Area m2	10.00	9.61	9.61		
					% of room		96.10%	96.10%	1.00	YES
	R6	Floorplan	Residential	LD	Area m2	22.07	21.68	21.68		
					% of room		98.22%	98.22%	1.00	YES
	R7	Floorplan	Residential	Unknown	Area m2	16.92	15.95	15.95		
					% of room		94.23%	94.23%	1.00	YES
	R8	Floorplan	Residential	Unknown	Area m2	14.78	14.48	14.48		
					% of room		97.97%	97.97%	1.00	YES
	R9	Floorplan	Residential	Unknown	Area m2	15.15	14.79	14.79		
					% of room		97.65%	97.65%	1.00	YES
	R10	Floorplan	Residential	LD	Area m2	21.08	20.54	20.54		
					% of room		97.43%	97.42%	1.00	YES
Third	R1	Floorplan	Residential	LD	Area m2	24.14	22.78	22.78		
					% of room		94.37%	94.36%	1.00	YES
	R2	Floorplan	Residential	Bedroom	Area m2	10.00	9.53	9.53		

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight Analysis - NSL - Base Scenario  
 Date of Analysis: 18/07/2025

Floor Ref.	Room Ref	Layout Info	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
					% of room		95.30%	95.28%	1.00	YES
	R3	Floorplan	Residential	LD	Area m2	22.81	22.38	22.38	1.00	YES
					% of room		98.10%	98.10%	1.00	YES
	R4	Floorplan	Residential	LD	Area m2	22.95	22.50	22.50	1.00	YES
					% of room		98.06%	98.04%	1.00	YES
	R5	Floorplan	Residential	Bedroom	Area m2	10.00	9.61	9.61	1.00	YES
					% of room		96.10%	96.10%	1.00	YES
	R6	Floorplan	Residential	LD	Area m2	22.07	21.68	21.68	1.00	YES
					% of room		98.22%	98.22%	1.00	YES
	R7	Floorplan	Residential	Unknown	Area m2	16.92	15.97	15.97	1.00	YES
					% of room		94.37%	94.37%	1.00	YES
	R8	Floorplan	Residential	Unknown	Area m2	14.78	14.48	14.48	1.00	YES
					% of room		97.97%	97.97%	1.00	YES
	R9	Floorplan	Residential	Unknown	Area m2	15.15	14.80	14.80	1.00	YES
					% of room		97.67%	97.67%	1.00	YES
	R10	Floorplan	Residential	LD	Area m2	21.08	20.54	20.54	1.00	YES
					% of room		97.44%	97.43%	1.00	YES
Fourth	R1	Floorplan	Residential	LD	Area m2	24.14	23.51	23.51	1.00	YES
					% of room		97.39%	97.39%	1.00	YES
	R2	Floorplan	Residential	Bedroom	Area m2	10.00	9.53	9.53	1.00	YES
					% of room		95.32%	95.31%	1.00	YES
	R3	Floorplan	Residential	LD	Area m2	22.81	22.39	22.39	1.00	YES
					% of room		98.14%	98.14%	1.00	YES
	R4	Floorplan	Residential	LD	Area m2	22.95	22.51	22.51	1.00	YES
					% of room		98.11%	98.10%	1.00	YES
	R5	Floorplan	Residential	Bedroom	Area m2	10.00	9.61	9.61	1.00	YES
					% of room		96.10%	96.10%	1.00	YES
	R6	Floorplan	Residential	LD	Area m2	22.07	21.67	21.67	1.00	YES
					% of room		98.20%	98.20%	1.00	YES
	R7	Floorplan	Residential	Unknown	Area m2	16.92	15.89	15.89	1.00	YES
					% of room		93.89%	93.89%	1.00	YES
	R8	Floorplan	Residential	Unknown	Area m2	14.78	14.48	14.48	1.00	YES
					% of room		97.92%	97.92%	1.00	YES
	R9	Floorplan	Residential	Unknown	Area m2	15.15	14.79	14.79	1.00	YES
					% of room		97.63%	97.63%	1.00	YES
	R10	Floorplan	Residential	LD	Area m2	21.08	20.54	20.53	1.00	YES
					% of room		97.39%	97.39%	1.00	YES
Fifth	R1	Floorplan	Residential	Bedroom	Area m2	10.00	9.84	9.84	1.00	YES
					% of room		98.38%	98.38%	1.00	YES
	R2	Floorplan	Residential	LD	Area m2	22.81	22.09	22.09	1.00	YES
					% of room		96.83%	96.82%	1.00	YES
	R3	Floorplan	Residential	LD	Area m2	22.95	22.34	22.34	1.00	YES
					% of room		97.36%	97.35%	1.00	YES
	R4	Floorplan	Residential	Bedroom	Area m2	10.00	9.85	9.85	1.00	YES
					% of room		98.53%	98.53%	1.00	YES
<b>Millennium View</b>										
Ground	R1	Floorplan	Residential	LKD	Area m2	24.34	16.44	16.44	1.00	YES
					% of room		67.54%	67.53%	1.00	YES
	R2	Floorplan	Residential	Bedroom	Area m2	15.48	14.25	14.25	1.00	YES
					% of room		92.02%	92.01%	1.00	YES
	R3	Floorplan	Residential	LKD	Area m2	41.01	25.99	25.96	1.00	YES
					% of room		63.39%	63.30%	1.00	YES
	R4	Floorplan	Residential	LKD	Area m2	39.85	26.51	26.07	0.98	YES
					% of room		66.52%	65.42%	0.98	YES
	R5	Floorplan	Residential	Bedroom	Area m2	15.90	15.34	15.20	0.99	YES
					% of room		96.48%	95.58%	0.99	YES
	R6	Floorplan	Residential	Bedroom	Area m2	9.61	7.24	7.03	0.97	YES
					% of room		75.35%	73.22%	0.97	YES
	R7	Floorplan	Residential	LKD	Area m2	29.43	28.78	28.78	1.00	YES
					% of room		97.80%	97.80%	1.00	YES
First	R1	Floorplan	Residential	LKD	Area m2	24.34	19.16	19.16	1.00	YES
					% of room		78.72%	78.71%	1.00	YES
	R2	Floorplan	Residential	Bedroom	Area m2	15.48	14.56	14.55	1.00	YES
					% of room		94.00%	94.00%	1.00	YES
	R3	Floorplan	Residential	LKD	Area m2	41.01	31.60	31.57	1.00	YES
					% of room		77.05%	76.97%	1.00	YES
	R4	Floorplan	Residential	LKD	Area m2	39.84	28.61	27.88	0.97	YES
					% of room		71.81%	69.98%	0.97	YES

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight Analysis - NSL - Base Scenario  
 Date of Analysis: 18/07/2025

Floor Ref.	Room Ref	Layout Info	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R5	Floorplan	Residential	Bedroom	Area m2	15.90	15.32	15.32		
					% of room		96.34%	96.34%	1.00	YES
	R6	Floorplan	Residential	Bedroom	Area m2	9.61	7.30	7.19		
					% of room		76.02%	74.84%	0.98	YES
	R7	Floorplan	Residential	LKD	Area m2	29.43	28.84	28.84		
					% of room		97.98%	97.98%	1.00	YES
Second	R1	Floorplan	Residential	LKD	Area m2	24.34	20.17	20.17		
					% of room		82.87%	82.85%	1.00	YES
	R2	Floorplan	Residential	Bedroom	Area m2	15.48	14.61	14.61		
					% of room		94.38%	94.37%	1.00	YES
	R3	Floorplan	Residential	LKD	Area m2	41.01	32.93	32.90		
					% of room		80.29%	80.21%	1.00	YES
	R4	Floorplan	Residential	LKD	Area m2	39.85	29.78	28.93		
					% of room		74.74%	72.61%	0.97	YES
	R5	Floorplan	Residential	Bedroom	Area m2	15.90	15.42	15.42		
					% of room		96.96%	96.96%	1.00	YES
	R6	Floorplan	Residential	Bedroom	Area m2	9.60	7.36	7.24		
					% of room		76.67%	75.35%	0.98	YES
	R7	Floorplan	Residential	LKD	Area m2	29.43	29.26	29.26		
					% of room		99.42%	99.42%	1.00	YES
Third	R1	Floorplan	Residential	LKD	Area m2	49.01	45.43	45.24		
					% of room		92.70%	92.30%	1.00	YES
	R2	Floorplan	Residential	LKD	Area m2	41.01	36.09	36.09		
					% of room		88.00%	88.00%	1.00	YES
	R3	Floorplan	Residential	LKD	Area m2	39.85	32.37	31.21		
					% of room		81.24%	78.33%	0.96	YES
	R4	Floorplan	Residential	Bedroom	Area m2	15.90	15.38	15.37		
					% of room		96.69%	96.67%	1.00	YES
	R5	Floorplan	Residential	Bedroom	Area m2	9.61	7.46	7.37		
					% of room		77.67%	76.68%	0.99	YES
	R6	Floorplan	Residential	LKD	Area m2	29.43	29.36	29.36		
					% of room		99.78%	99.77%	1.00	YES
Fourth	R1	Floorplan	Residential	LKD	Area m2	41.01	36.86	36.86		
					% of room		89.88%	89.87%	1.00	YES
	R2	Floorplan	Residential	LKD	Area m2	39.85	35.22	34.45		
					% of room		88.39%	86.46%	0.98	YES
	R3	Floorplan	Residential	Bedroom	Area m2	15.90	15.65	15.65		
					% of room		98.43%	98.43%	1.00	YES
	R4	Floorplan	Residential	Bedroom	Area m2	9.60	7.73	7.67		
					% of room		80.51%	79.83%	0.99	YES
	R5	Floorplan	Residential	LKD	Area m2	29.43	29.35	29.34		
					% of room		99.72%	99.70%	1.00	YES
Fifth	R1	Floorplan	Residential	LKD	Area m2	44.41	43.99	43.95		
					% of room		99.04%	98.97%	1.00	YES
	R2	Floorplan	Residential	LKD	Area m2	44.91	44.63	44.63		
					% of room		99.38%	99.37%	1.00	YES
Sixth	R1	Floorplan	Residential	LKD	Area m2	35.63	33.47	33.44		
					% of room		93.94%	93.86%	1.00	YES
	R2	Floorplan	Residential	LKD	Area m2	35.55	31.44	31.44		
					% of room		88.44%	88.44%	1.00	YES
<b>1 Fitzhamon Embankment</b>										
Ground	R2	Assumed	Residential	Unknown	Area m2	25.73	24.65	24.65		
					% of room		95.80%	95.79%	1.00	YES
	R3	Assumed	Residential	Unknown	Area m2	20.00	19.34	19.34		
					% of room		96.66%	96.66%	1.00	YES
First	R1	Assumed	Residential	Unknown	Area m2	3.27	3.25	3.25		
					% of room		99.41%	99.41%	1.00	YES
	R2	Assumed	Residential	Unknown	Area m2	25.73	21.32	21.31		
					% of room		82.86%	82.81%	1.00	YES
	R3	Assumed	Residential	Unknown	Area m2	20.00	19.32	19.32		
					% of room		96.56%	96.56%	1.00	YES
Second	R1	Assumed	Residential	Unknown	Area m2	3.27	3.04	3.04		
					% of room		92.92%	92.92%	1.00	YES
	R2	Assumed	Residential	Unknown	Area m2	23.51	22.77	22.77		
					% of room		96.83%	96.83%	1.00	YES
	R3	Assumed	Residential	Unknown	Area m2	20.00	12.14	12.14		
					% of room		60.69%	60.66%	1.00	YES

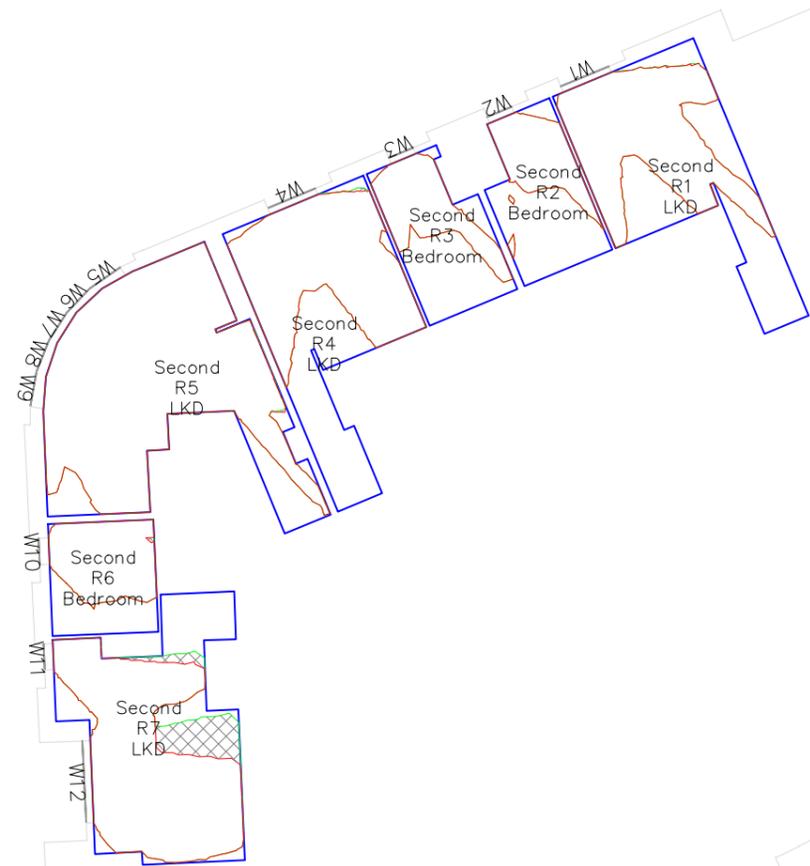
Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight Analysis - NSL - Base Scenario  
 Date of Analysis: 18/07/2025

Floor Ref.	Room Ref	Layout Info	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
<b>3 Fitzhamon Embankment</b>										
Ground	R2	Assumed	Residential	Unknown	Area m2 % of room	18.84	18.76 99.55%	18.76 99.55%	1.00	YES
First	R1	Assumed	Residential	Unknown	Area m2 % of room	24.97	24.01 96.15%	24.01 96.15%	1.00	YES
Second	R1	Assumed	Residential	Unknown	Area m2 % of room	7.71	5.78 75.05%	5.78 75.05%	1.00	YES
	R2	Assumed	Residential	Unknown	Area m2 % of room	12.11	6.47 53.41%	6.47 53.41%	1.00	YES
<b>5 Fitzhamon Embankment</b>										
Ground	R1	Assumed	Residential	Unknown	Area m2 % of room	18.10	17.82 98.47%	17.82 98.47%	1.00	YES
First	R1	Assumed	Residential	Unknown	Area m2 % of room	24.23	23.95 98.86%	23.95 98.83%	1.00	YES
Second	R1	Assumed	Residential	Unknown	Area m2 % of room	11.36	6.53 57.51%	6.47 56.94%	0.99	YES
	R2	Assumed	Residential	Unknown	Area m2 % of room	7.71	6.83 88.64%	6.72 87.15%	0.98	YES
<b>Westminster House</b>										
Ground	R1	Assumed	Residential	Unknown	Area m2 % of room	11.99	4.95 41.25%	4.95 41.25%	1.00	YES
First	R1	Assumed	Residential	Unknown	Area m2 % of room	11.99	8.64 72.01%	8.63 72.01%	1.00	YES
	R3	Assumed	Residential	Unknown	Area m2 % of room	10.51	5.99 56.96%	5.99 56.96%	1.00	YES
	R4	Assumed	Residential	Unknown	Area m2 % of room	8.50	4.65 54.68%	4.65 54.68%	1.00	YES
Second	R1	Assumed	Residential	Unknown	Area m2 % of room	11.99	11.94 99.54%	11.94 99.54%	1.00	YES
	R3	Assumed	Residential	Unknown	Area m2 % of room	10.51	8.65 82.30%	8.65 82.30%	1.00	YES
	R4	Assumed	Residential	Unknown	Area m2 % of room	8.50	8.46 99.52%	8.46 99.52%	1.00	YES
	R5	Assumed	Residential	Unknown	Area m2 % of room	8.53	8.05 94.39%	8.05 94.39%	1.00	YES
	R6	Assumed	Residential	Unknown	Area m2 % of room	11.88	10.58 89.10%	10.49 88.33%	0.99	YES
	R7	Assumed	Residential	Unknown	Area m2 % of room	25.72	22.74 88.42%	22.74 88.42%	1.00	YES
	Third	R1	Assumed	Residential	Unknown	Area m2 % of room	11.99	11.96 99.77%	11.96 99.77%	1.00
R3		Assumed	Residential	Unknown	Area m2 % of room	10.51	10.49 99.82%	10.49 99.82%	1.00	YES
R4		Assumed	Residential	Unknown	Area m2 % of room	8.50	8.47 99.68%	8.47 99.68%	1.00	YES
R5		Assumed	Residential	Unknown	Area m2 % of room	8.53	8.34 97.82%	8.34 97.82%	1.00	YES
R6		Assumed	Residential	Unknown	Area m2 % of room	11.88	11.22 94.49%	11.13 93.70%	0.99	YES
R7		Assumed	Residential	Unknown	Area m2 % of room	25.72	25.50 99.15%	25.50 99.15%	1.00	YES
Fourth		R1	Assumed	Residential	Unknown	Area m2 % of room	11.99	11.97 99.83%	11.97 99.83%	1.00
	R3	Assumed	Residential	Unknown	Area m2 % of room	10.51	10.49 99.82%	10.49 99.82%	1.00	YES
	R4	Assumed	Residential	Unknown	Area m2 % of room	8.50	8.47 99.69%	8.47 99.69%	1.00	YES
	R5	Assumed	Residential	Unknown	Area m2 % of room	8.53	8.45 99.09%	8.45 99.09%	1.00	YES
	R6	Assumed	Residential	Unknown	Area m2 % of room	11.88	11.34 95.45%	11.25 94.70%	0.99	YES
	R7	Assumed	Residential	Unknown	Area m2 % of room	25.72	25.58 99.43%	25.58 99.43%	1.00	YES
Fifth	R1	Assumed	Residential	Unknown	Area m2 % of room	19.37	18.01 92.98%	18.01 92.98%	1.00	YES

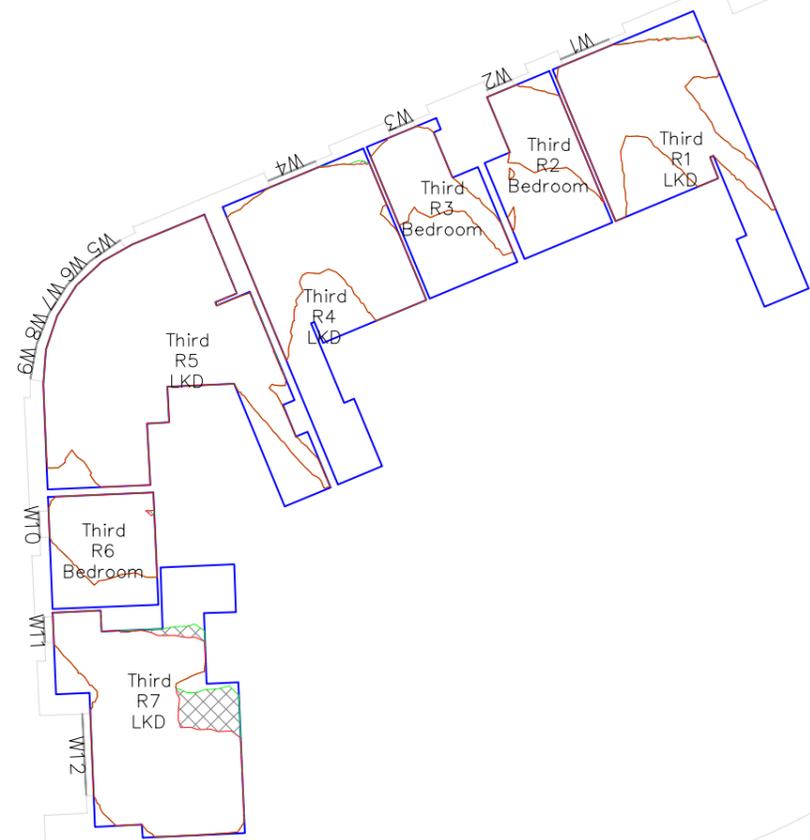
Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight Analysis - NSL - Base Scenario  
 Date of Analysis: 18/07/2025

Floor Ref.	Room Ref	Layout Info	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R2	Assumed	Residential	Unknown	Area m2	5.92	4.61	4.61		
					% of room		77.80%	77.80%	1.00	YES
	R3	Assumed	Residential	Unknown	Area m2	5.67	4.67	4.67		
					% of room		82.46%	82.46%	1.00	YES
	R4	Assumed	Residential	Unknown	Area m2	8.50	8.45	8.45		
					% of room		99.49%	99.48%	1.00	YES
	R5	Assumed	Residential	Unknown	Area m2	8.53	8.43	8.43		
					% of room		98.86%	98.86%	1.00	YES
	R6	Assumed	Residential	Unknown	Area m2	11.88	10.57	10.57		
					% of room		89.01%	89.01%	1.00	YES
	R7	Assumed	Residential	Unknown	Area m2	25.72	25.11	25.11		
					% of room		97.60%	97.60%	1.00	YES

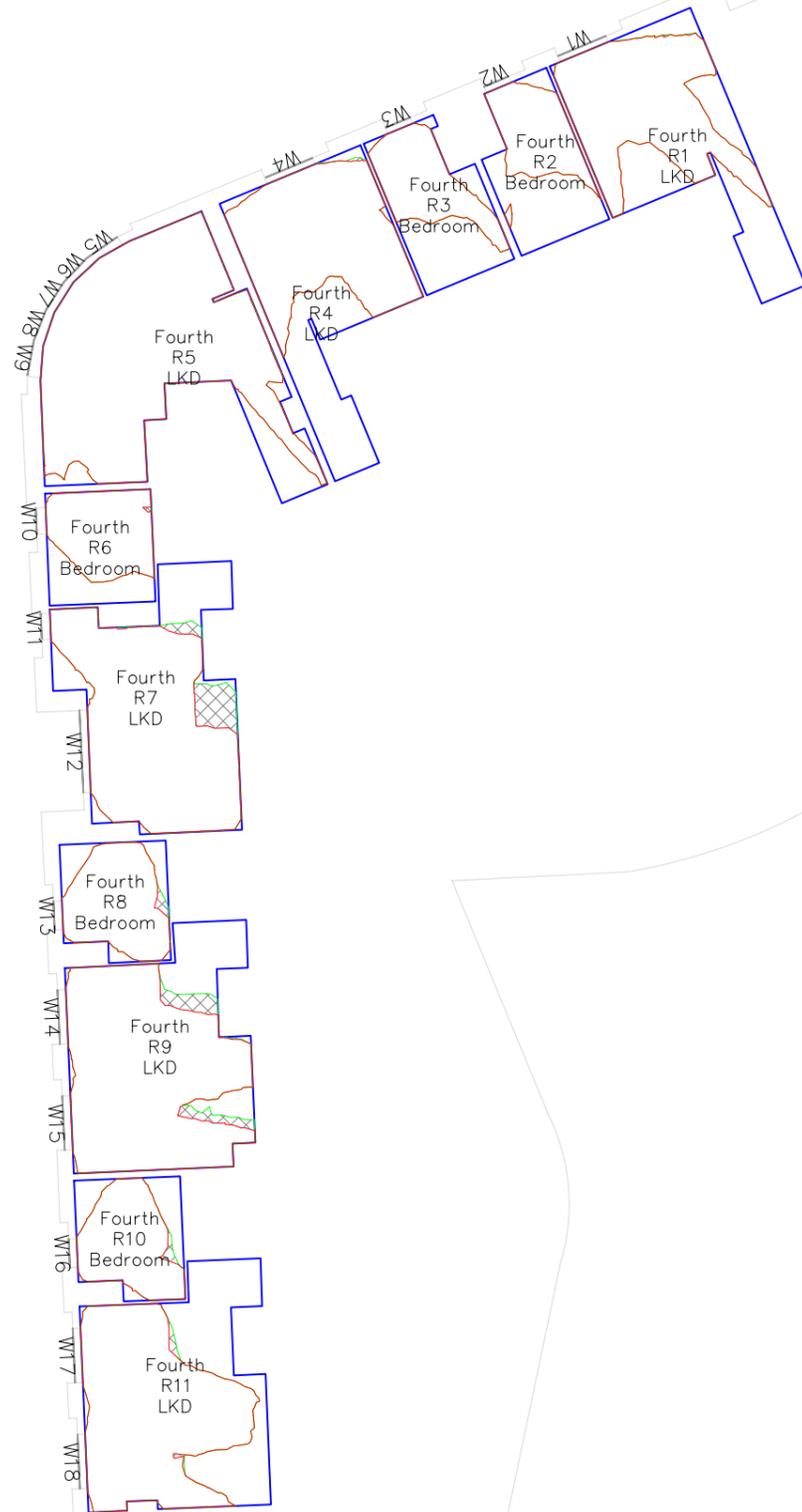
## Daylight Distribution Contours – Base Scenario



SCALE: 1:200



SCALE: 1:200



SCALE: 1:200

SOURCES OF INFORMATION:  
 3D CONTEXT MODEL  
 ACCUCITIES MODEL  
 004746\_CARDIFF\_HD\_MASTER.DWG  
 MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG  
 SCHEME  
 06159\_MODEL\_250709.DWG

- ROOM AREA
- EXISTING LIT AREA
- PROPOSED LIT AREA
- LOSS / GAIN AREA



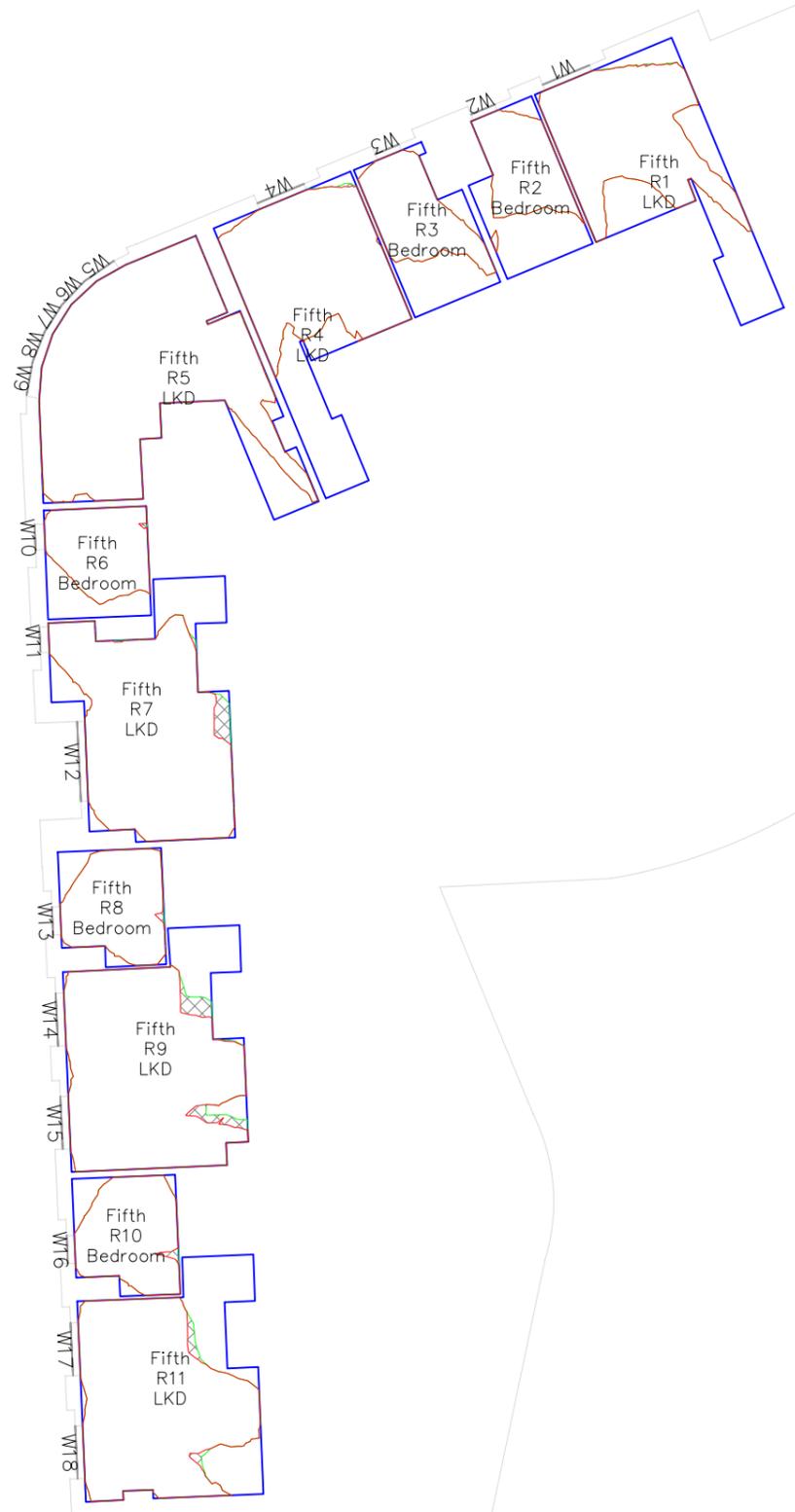
G		
F		
E		
D		
C		
B		
A		
REV:	DESCRIPTION:	BY:   DATE:

PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

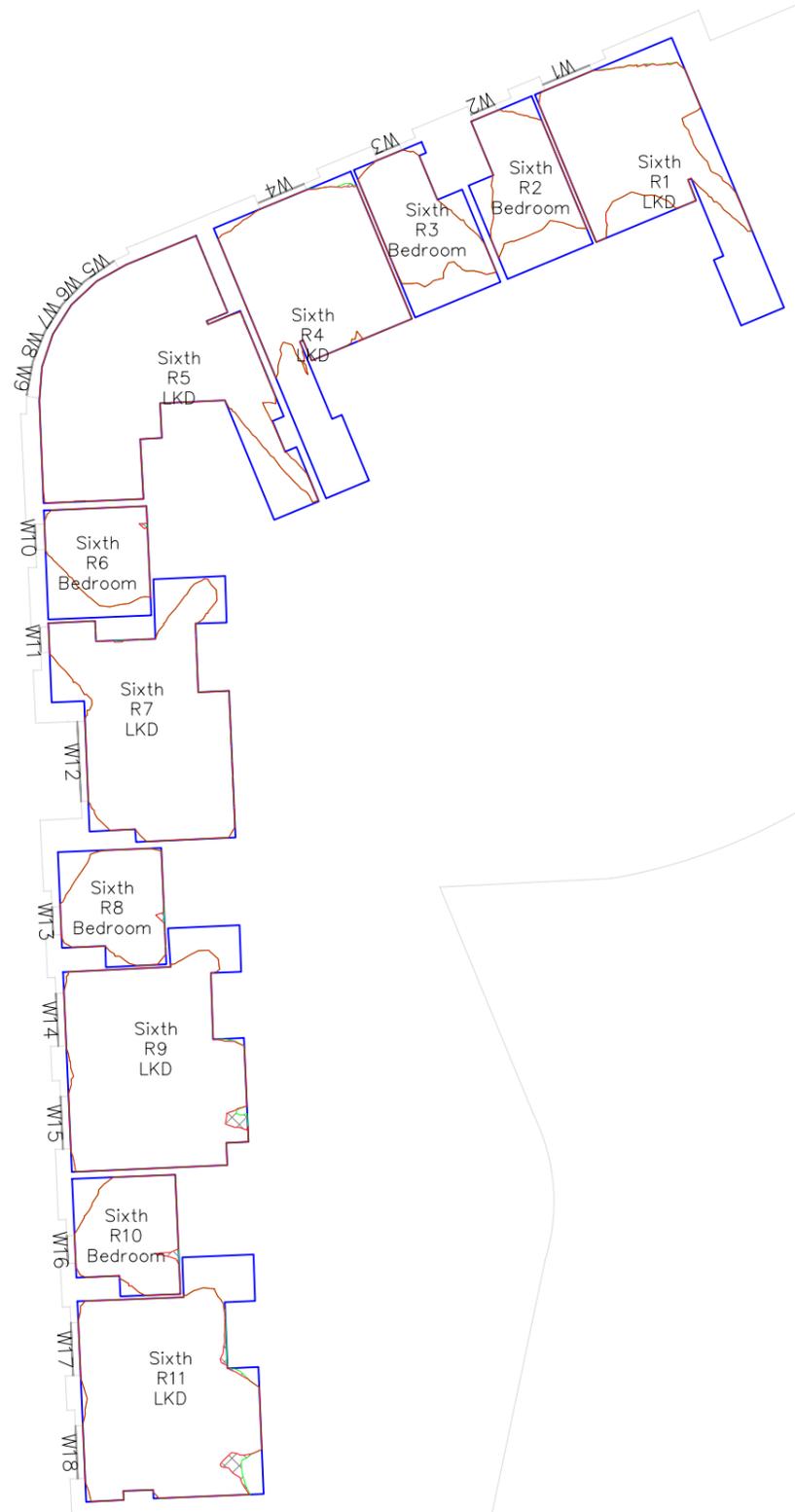
TITLE:  
 INTERCHANGE CENTRAL SQUARE  
 DAYLIGHT DISTRIBUTION CONTOURS

JOB NO: 200	RELEASE: 04-01	DRG NO: 100
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL





SCALE: 1:200



SCALE: 1:200

SOURCES OF INFORMATION:

3D CONTEXT MODEL  
 ACCUCITIES MODEL  
 004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
 06159\_MODEL\_250709.DWG

- ROOM AREA
- EXISTING LIT AREA
- PROPOSED LIT AREA
- LOSS / GAIN AREA



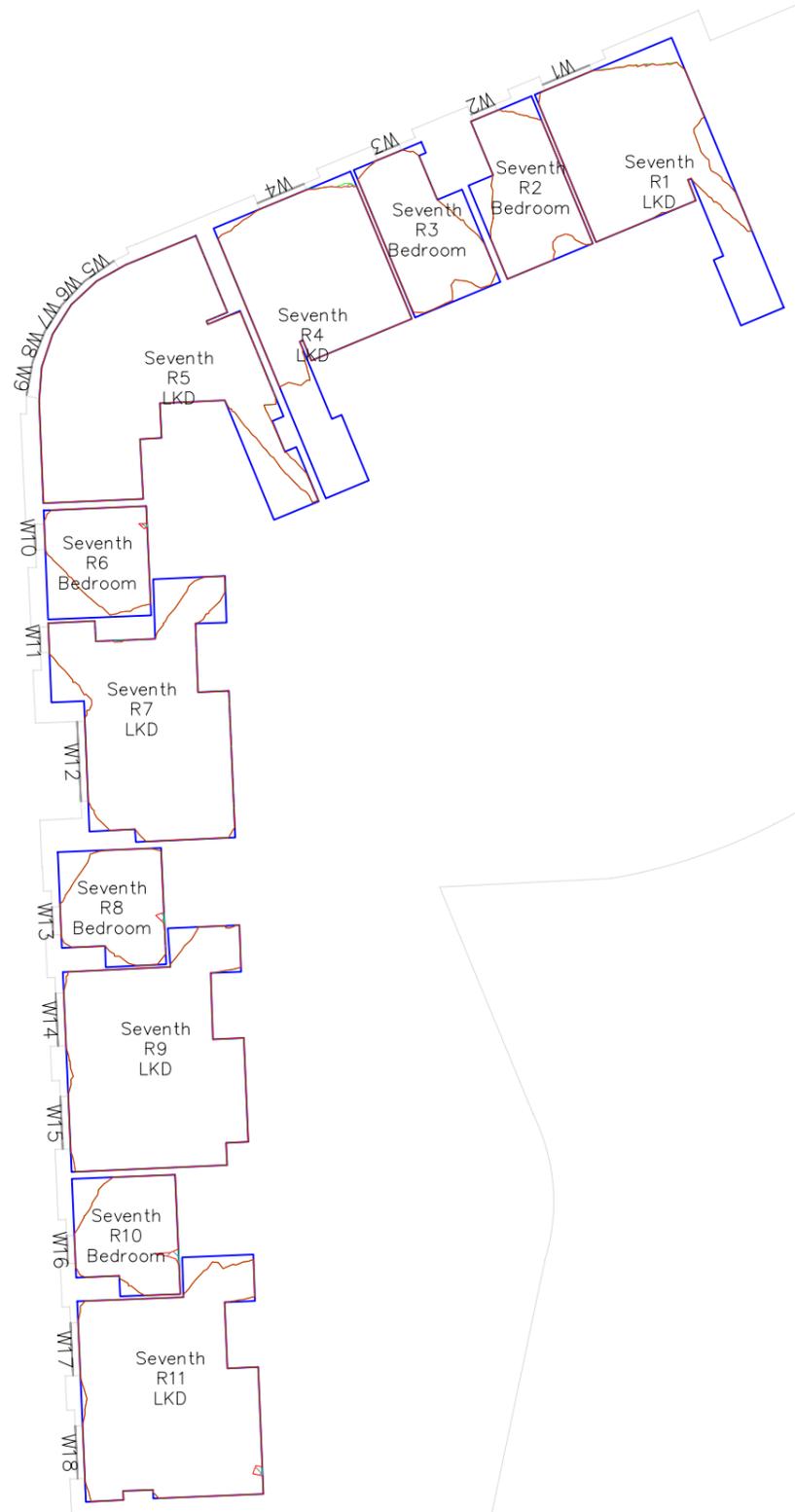
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PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

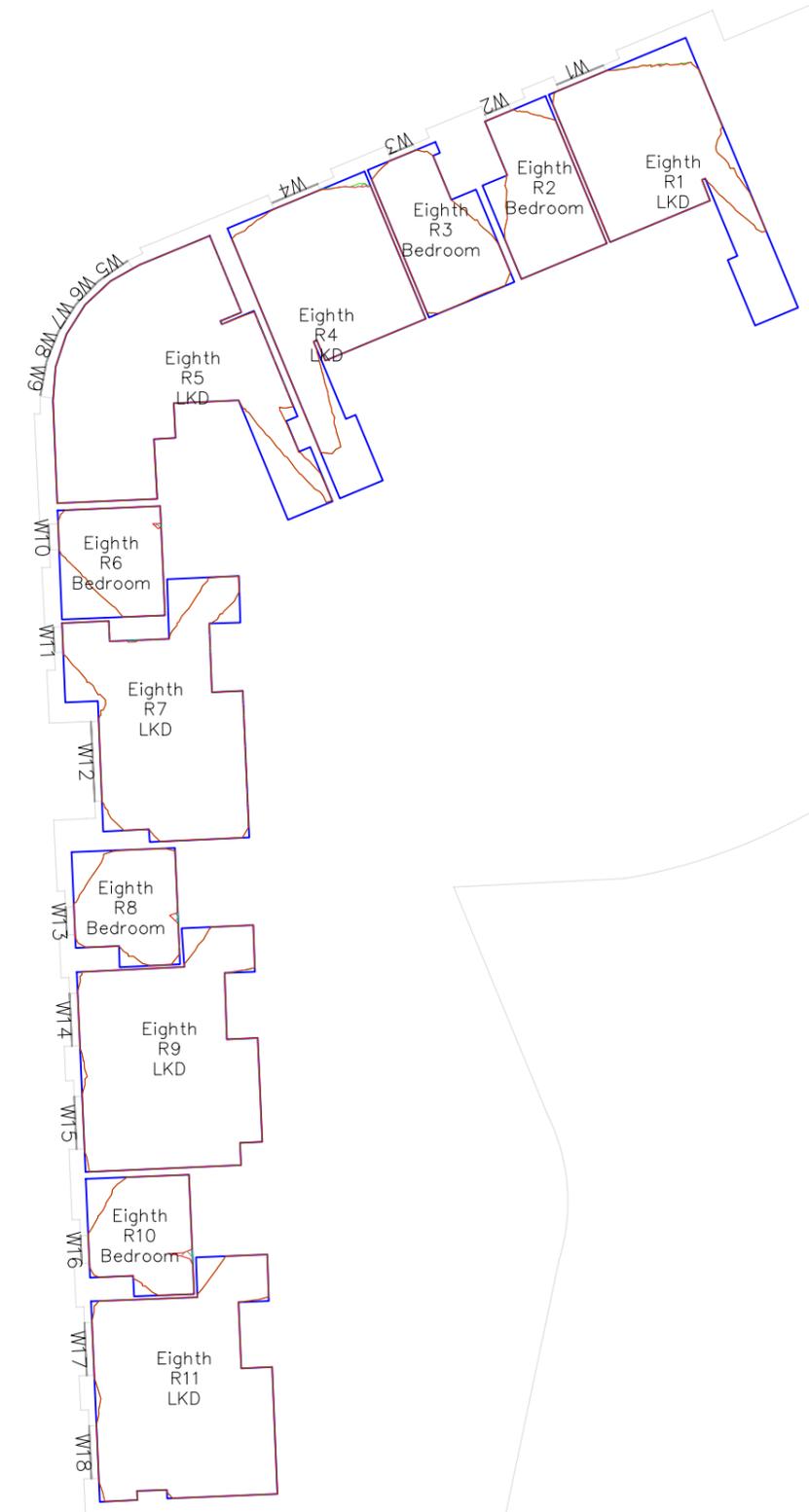
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 INTERCHANGE CENTRAL SQUARE  
 DAYLIGHT DISTRIBUTION CONTOURS

JOB NO: 200	RELEASE: 04-01	DRG NO: 101
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL





SCALE: 1:200



SCALE: 1:200

SOURCES OF INFORMATION:  
 3D CONTEXT MODEL  
 ACCUCITIES MODEL  
 004746\_CARDIFF\_HD\_MASTER.DWG  
 MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG  
 SCHEME  
 06159\_MODEL\_250709.DWG

- ROOM AREA
- EXISTING LIT AREA
- PROPOSED LIT AREA
- LOSS / GAIN AREA



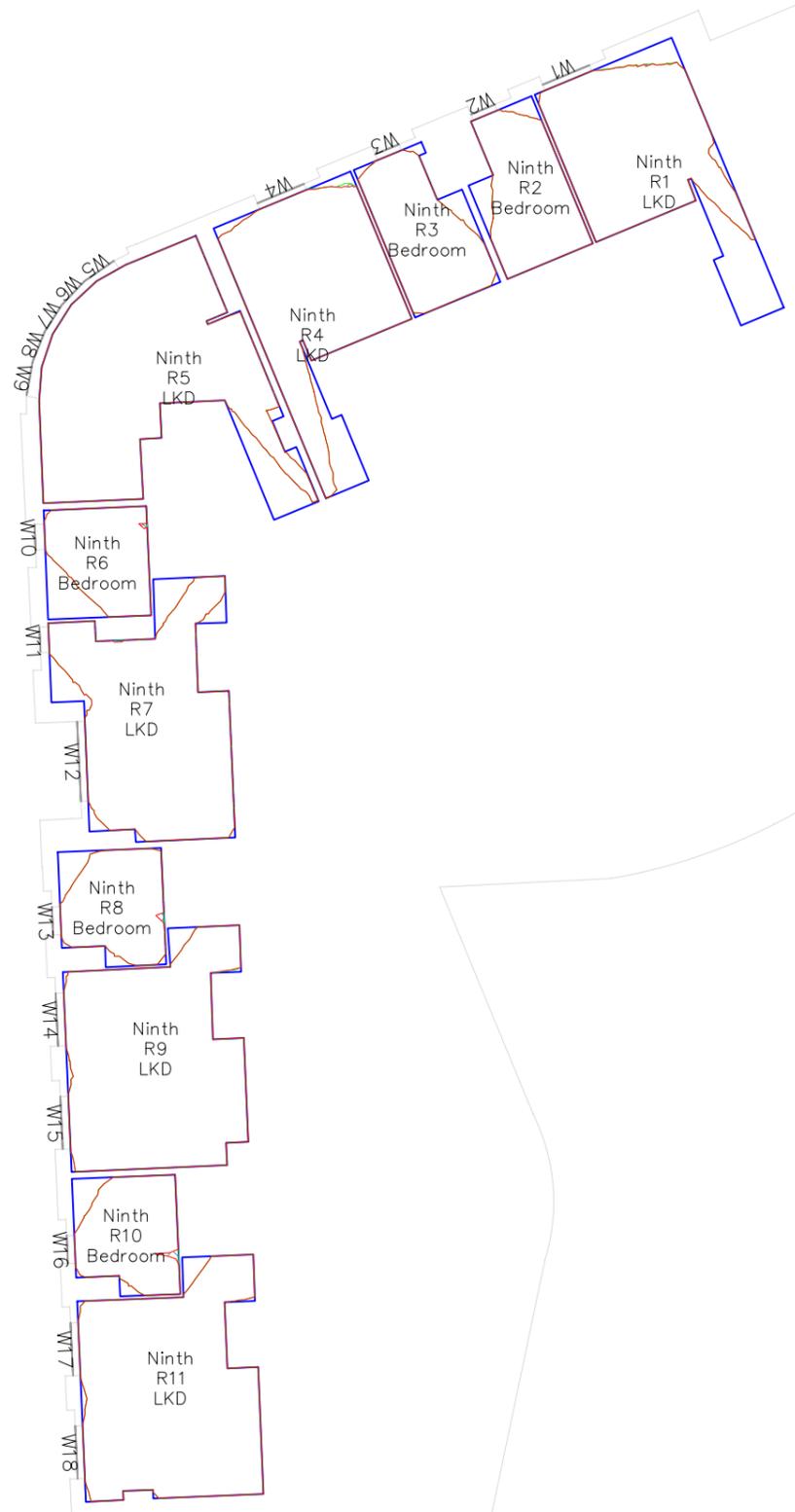
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PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

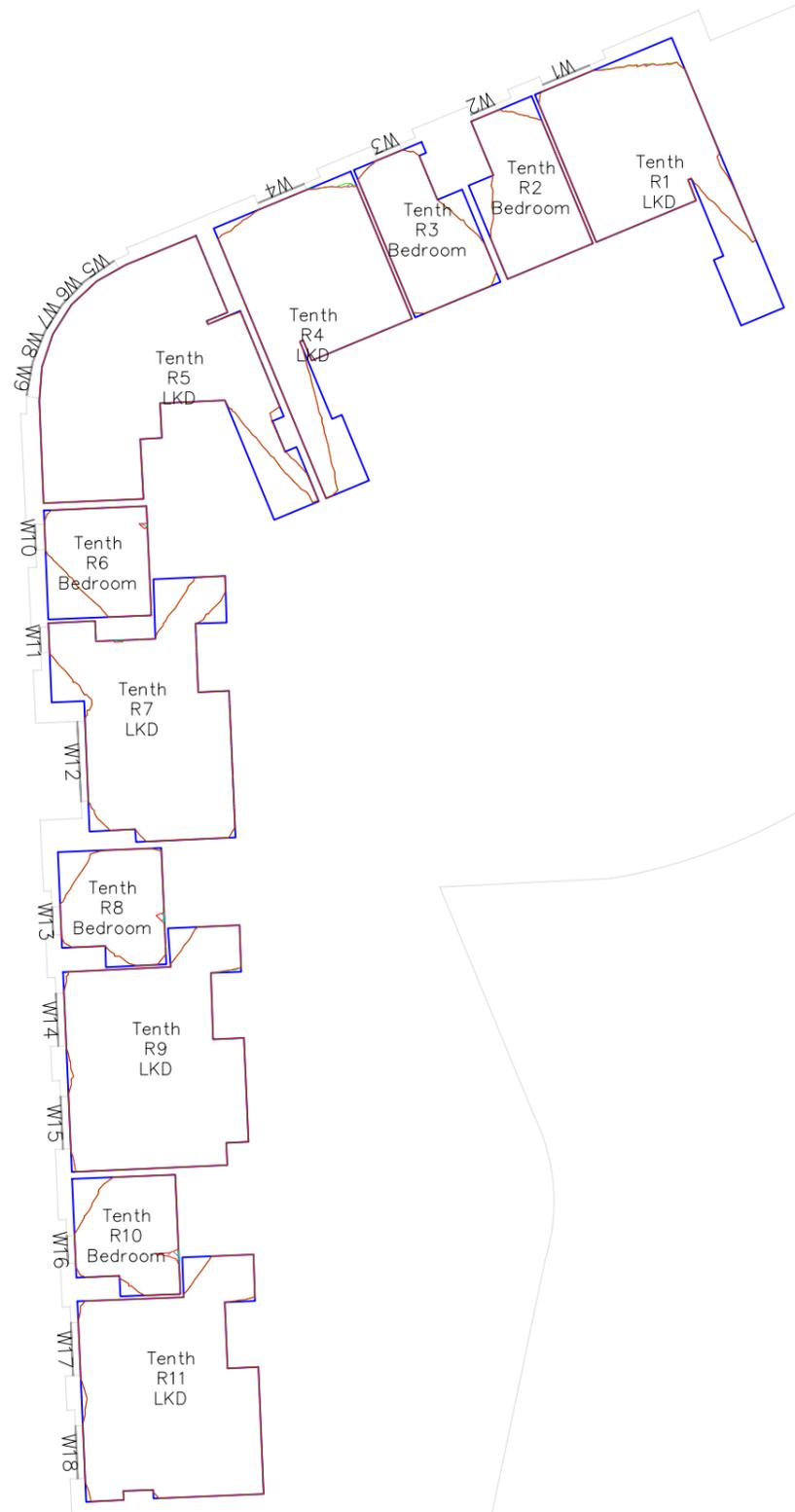
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 INTERCHANGE CENTRAL SQUARE  
 DAYLIGHT DISTRIBUTION CONTOURS

JOB NO: 200	RELEASE: 04-01	DRG NO: 102
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL





SCALE: 1:200



SCALE: 1:200

SOURCES OF INFORMATION:

3D CONTEXT MODEL  
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 004746\_CARDIFF\_HD\_MASTER.DWG  
 MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG  
 SCHEME  
 06159\_MODEL\_250709.DWG

- ROOM AREA
- EXISTING LIT AREA
- PROPOSED LIT AREA
- LOSS / GAIN AREA



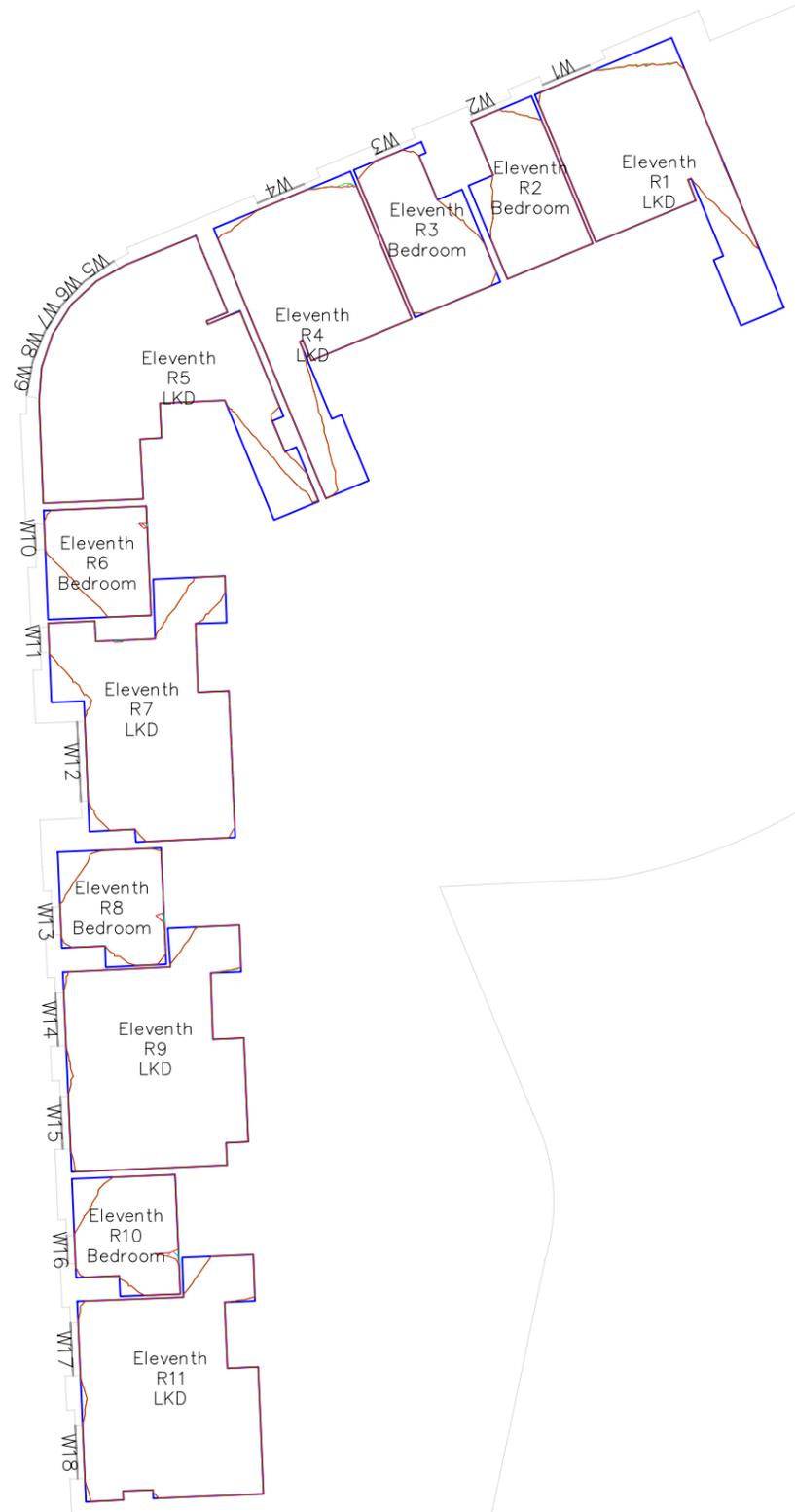
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REV:	DESCRIPTION:	BY:   DATE:

PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

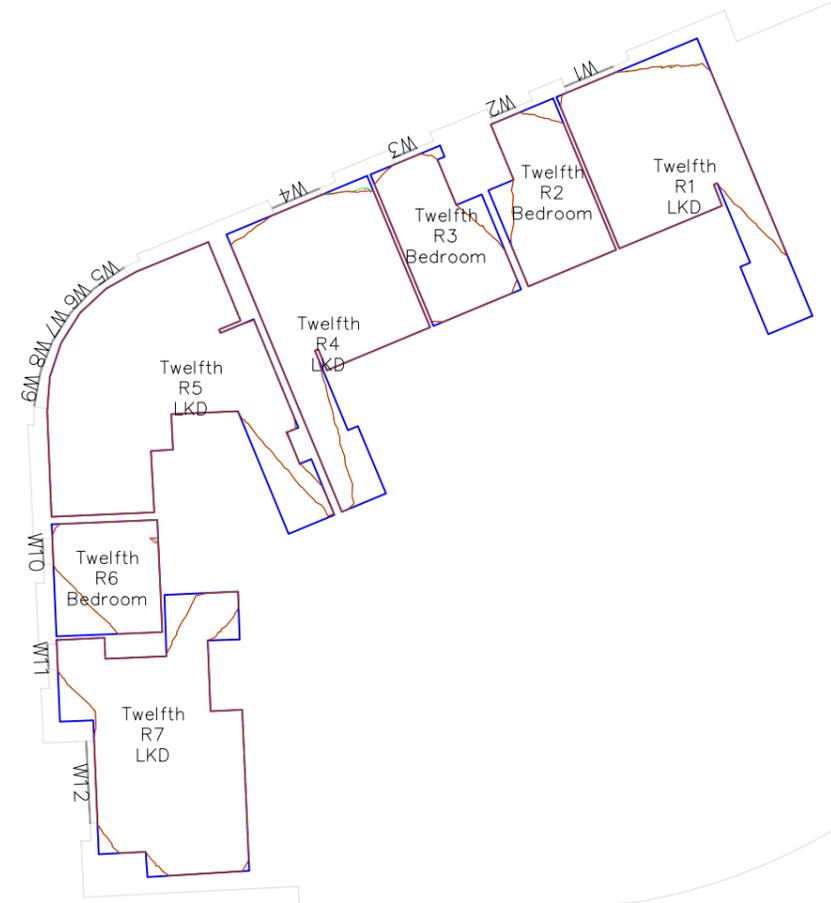
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 INTERCHANGE CENTRAL SQUARE  
 DAYLIGHT DISTRIBUTION CONTOURS

JOB NO: 200	RELEASE: 04-01	DRG NO: 103
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL

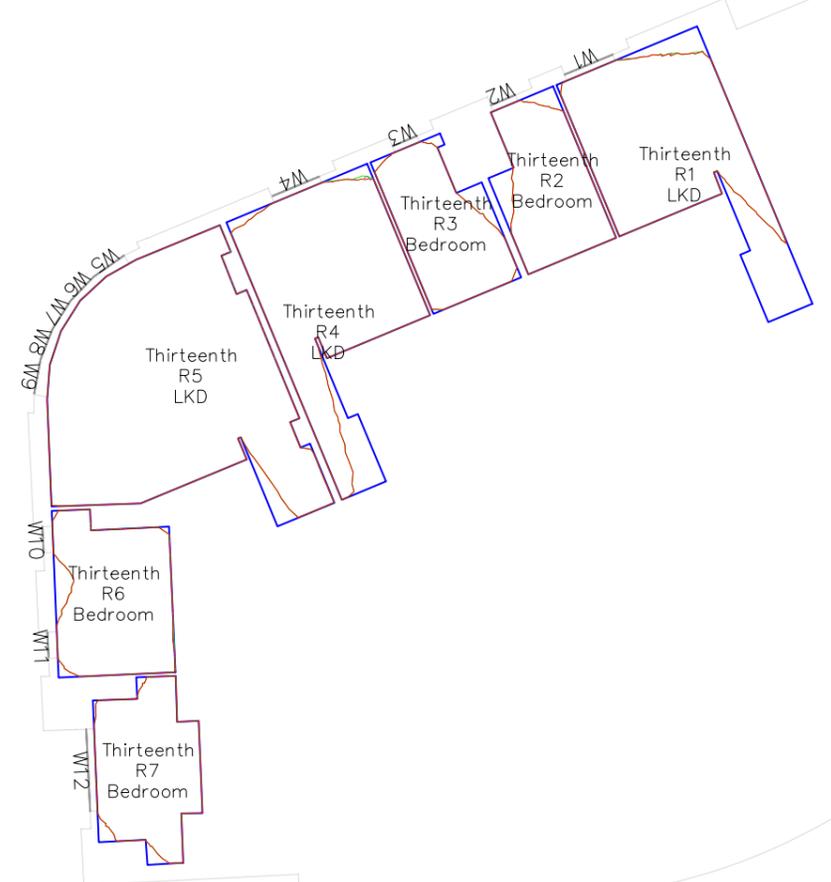




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 MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG  
 SCHEME  
 06159\_MODEL\_250709.DWG

- ROOM AREA
- EXISTING LIT AREA
- PROPOSED LIT AREA
- LOSS / GAIN AREA



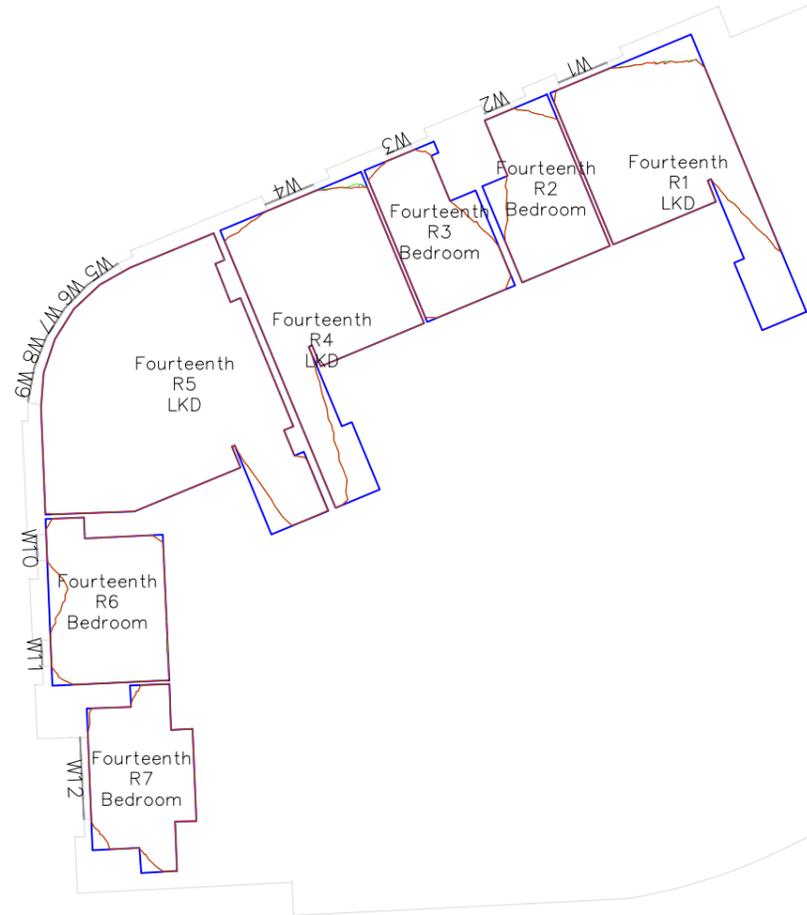
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PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

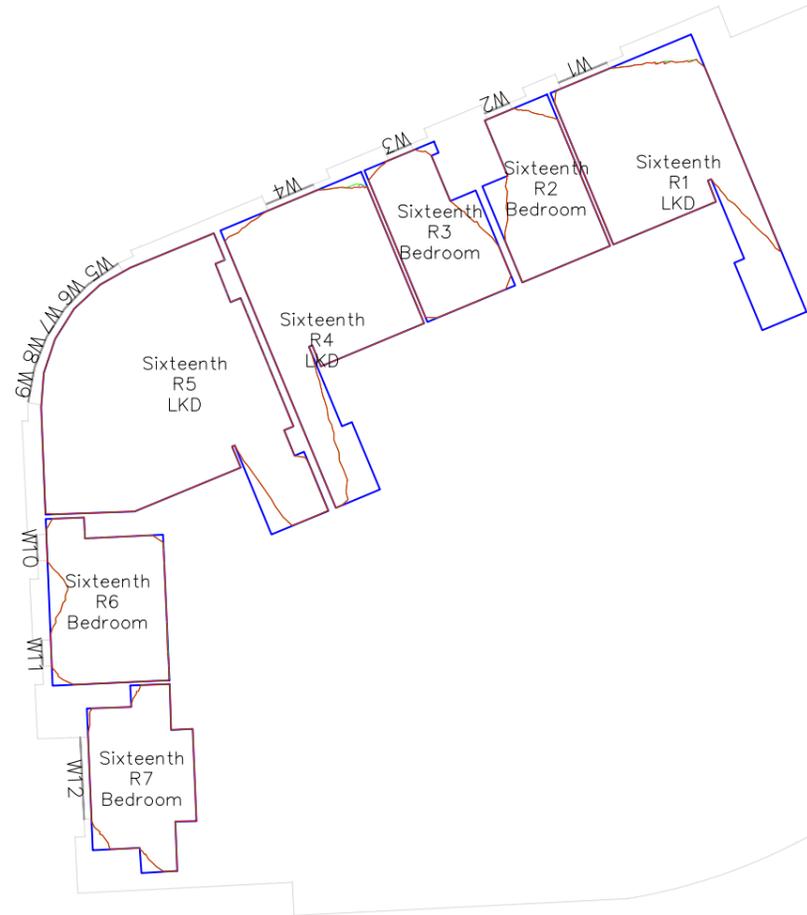
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 DAYLIGHT DISTRIBUTION CONTOURS

JOB NO: 200	RELEASE: 04-01	DRG NO: 104
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL

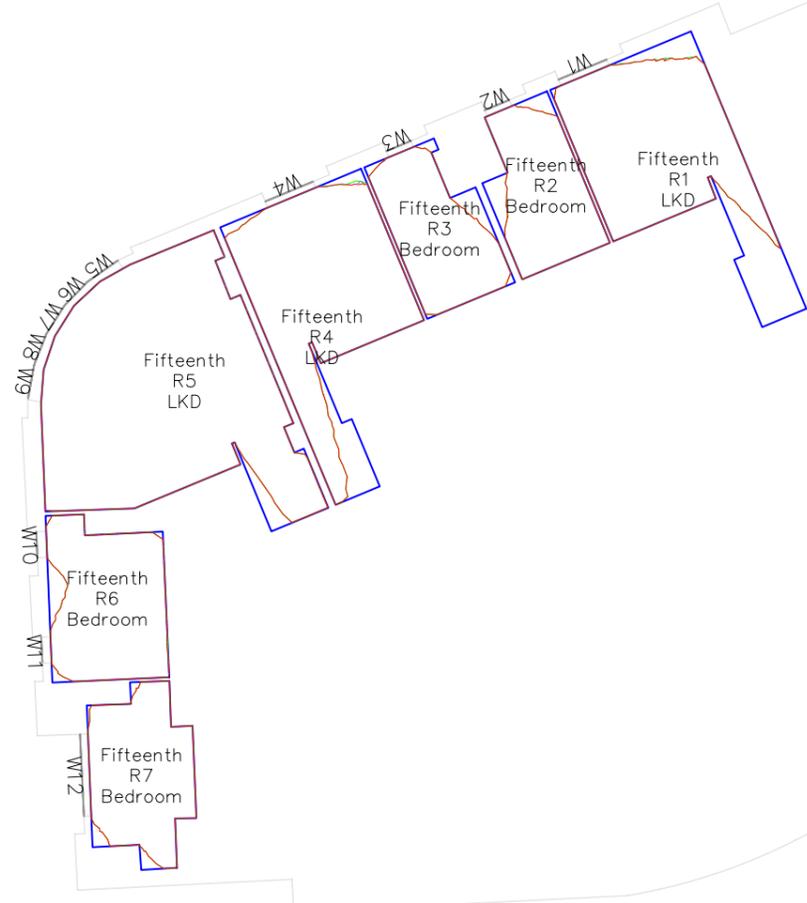




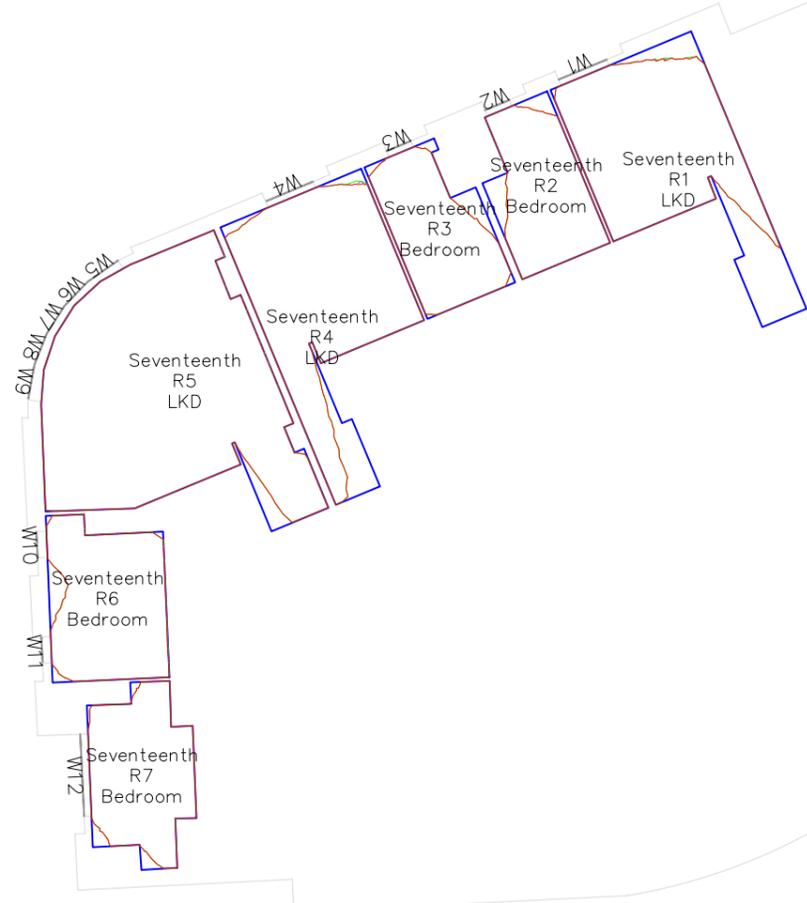
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SCALE: 1:200

SOURCES OF INFORMATION:  
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 004746\_CARDIFF\_HD\_MASTER.DWG  
 MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG  
 SCHEME  
 06159\_MODEL\_250709.DWG

- ROOM AREA
- EXISTING LIT AREA
- PROPOSED LIT AREA
- LOSS / GAIN AREA



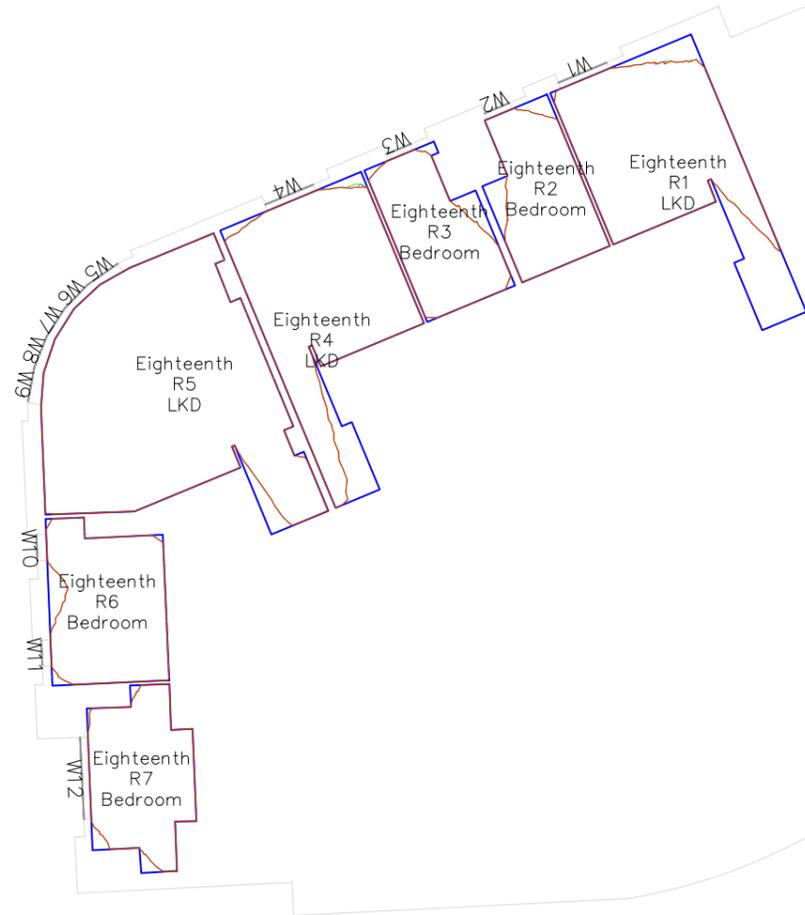
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PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

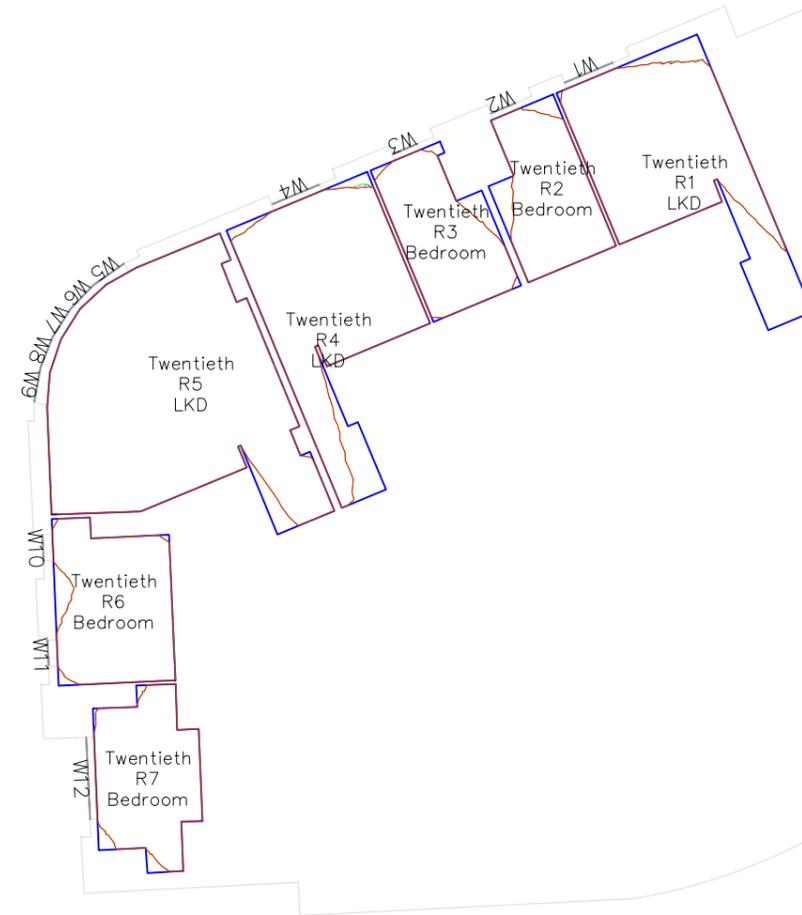
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 DAYLIGHT DISTRIBUTION CONTOURS

JOB NO: 200	RELEASE: 04-01	DRG NO: 105
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL

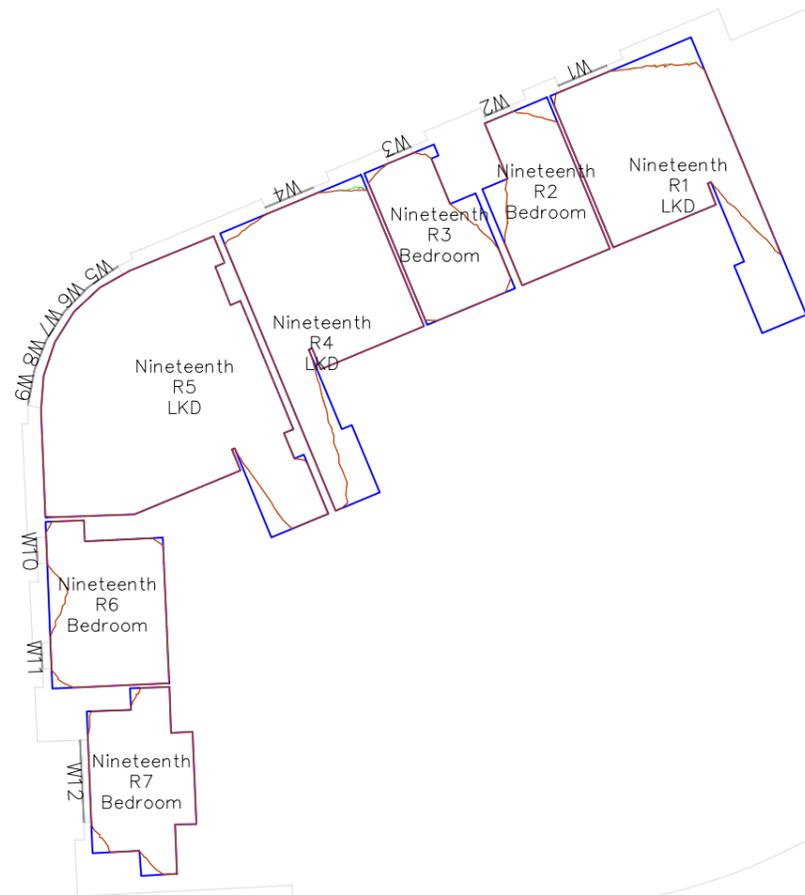




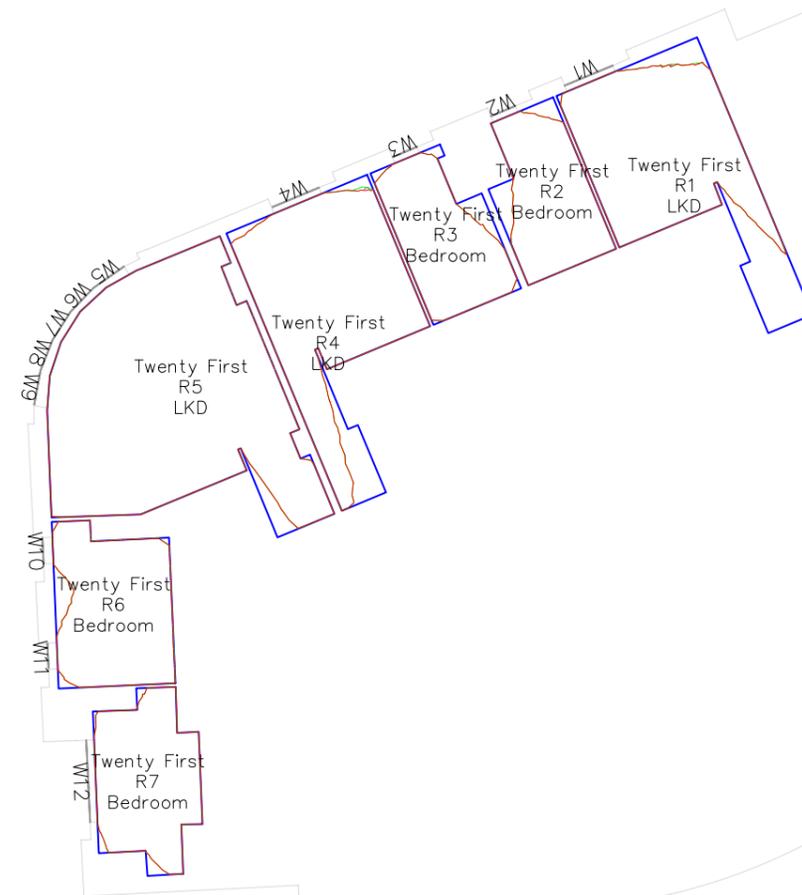
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SOURCES OF INFORMATION:  
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 ACCUCITIES MODEL  
 004746\_CARDIFF\_HD\_MASTER.DWG  
 MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG  
 SCHEME  
 06159\_MODEL\_250709.DWG

- ROOM AREA
- EXISTING LIT AREA
- PROPOSED LIT AREA
- LOSS / GAIN AREA



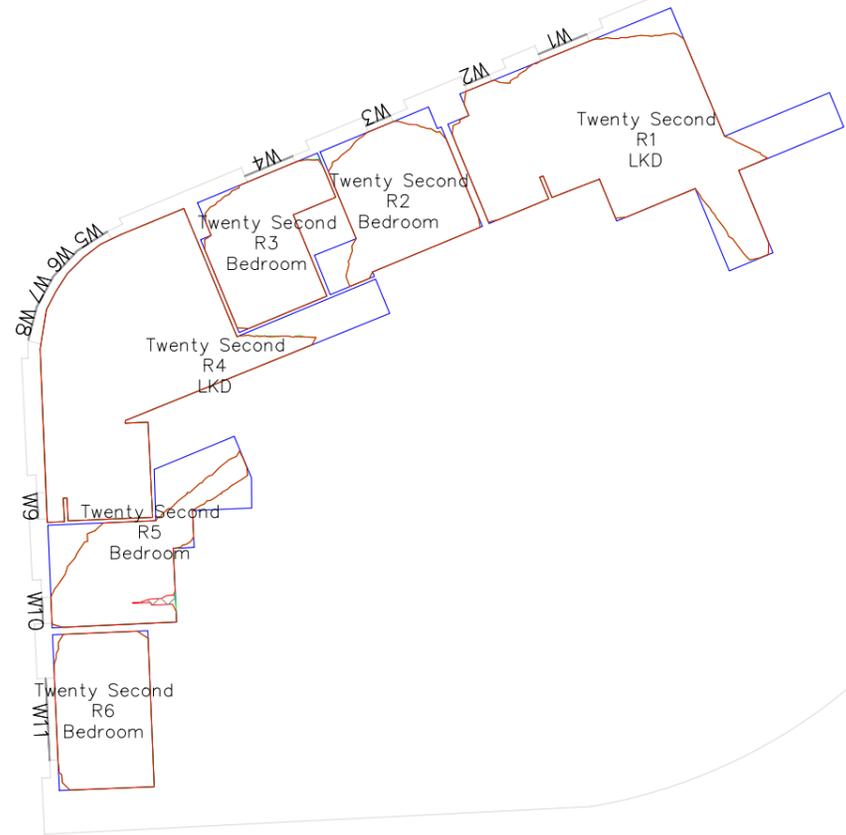
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PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

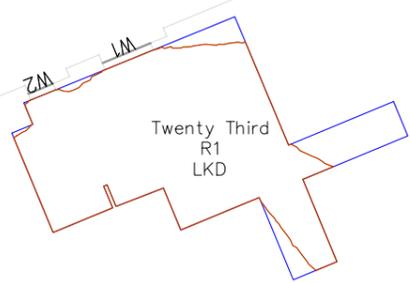
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 INTERCHANGE CENTRAL SQUARE  
 DAYLIGHT DISTRIBUTION CONTOURS

JOB NO: 200	RELEASE: 04-01	DRG NO: 106
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL





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SOURCES OF INFORMATION:

3D CONTEXT MODEL  
ACCUCITIES MODEL  
004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG

- ROOM AREA
- EXISTING LIT AREA
- PROPOSED LIT AREA
- LOSS / GAIN AREA



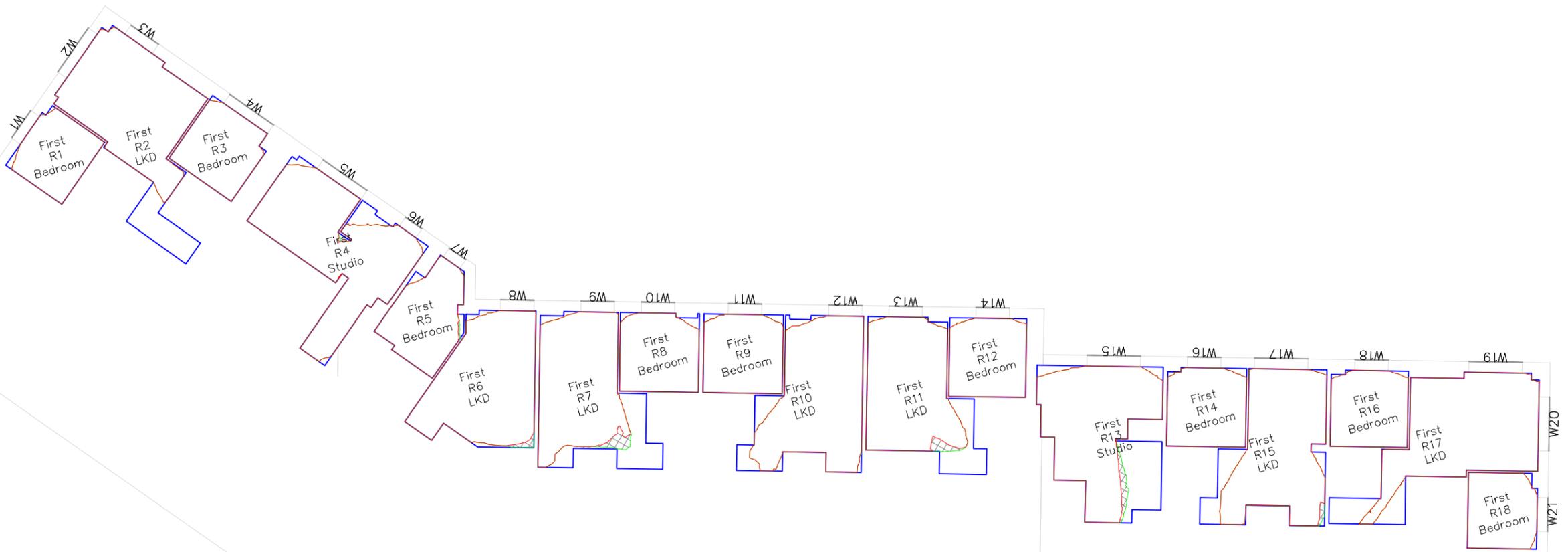
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PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

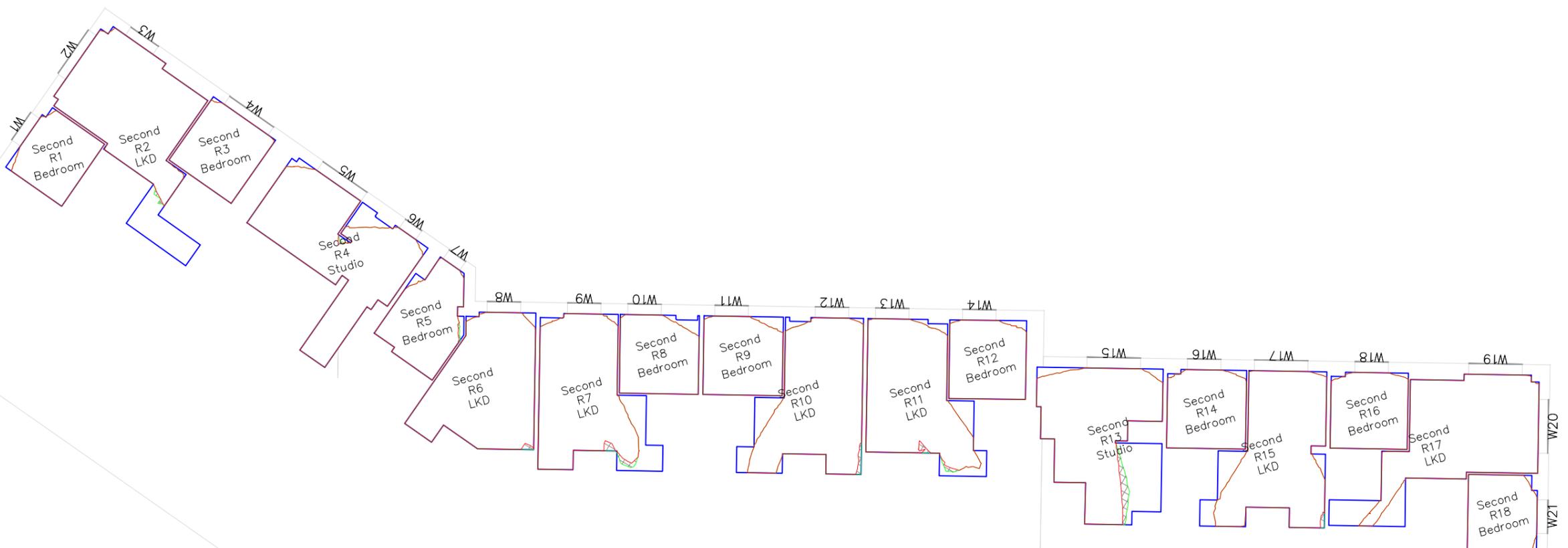
TITLE:  
INTERCHANGE CENTRAL SQUARE  
DAYLIGHT DISTRIBUTION CONTOURS

JOB NO: 200	RELEASE: 04-01	DRG NO: 107
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL





SCALE: CUSTOM



SCALE: CUSTOM

SOURCES OF INFORMATION:

3D CONTEXT MODEL  
ACCUCITIES MODEL  
004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG

- ROOM AREA
- EXISTING LIT AREA
- PROPOSED LIT AREA
- LOSS / GAIN AREA



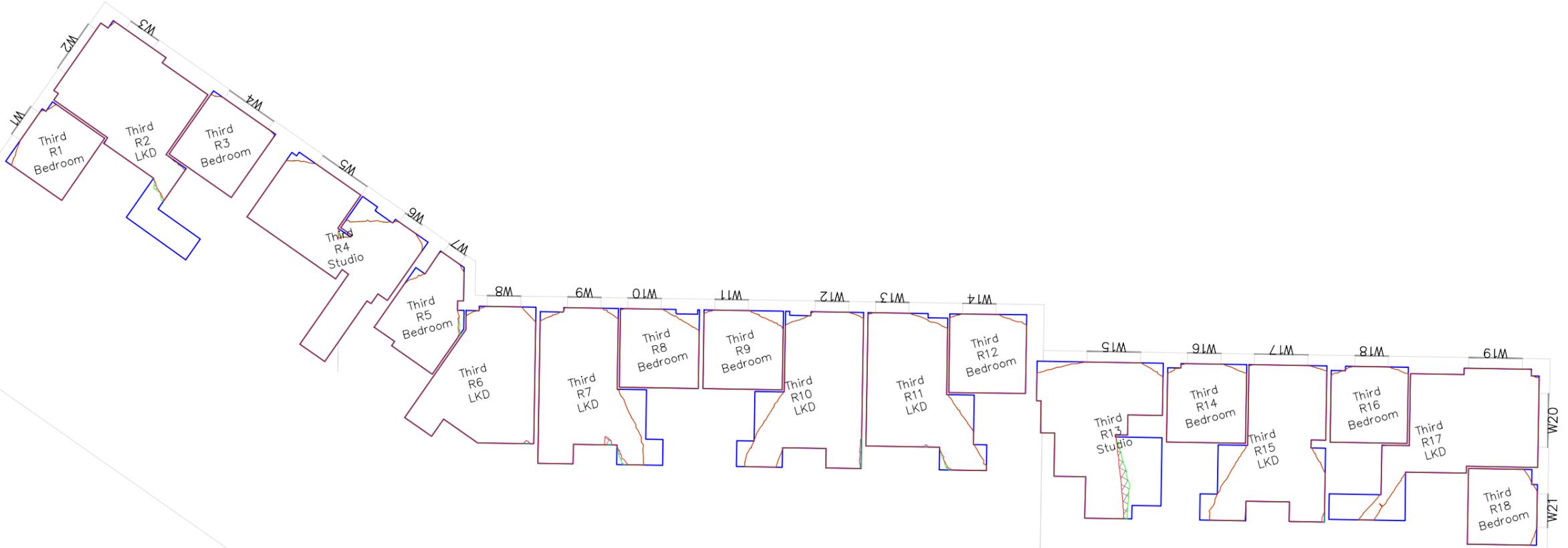
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PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

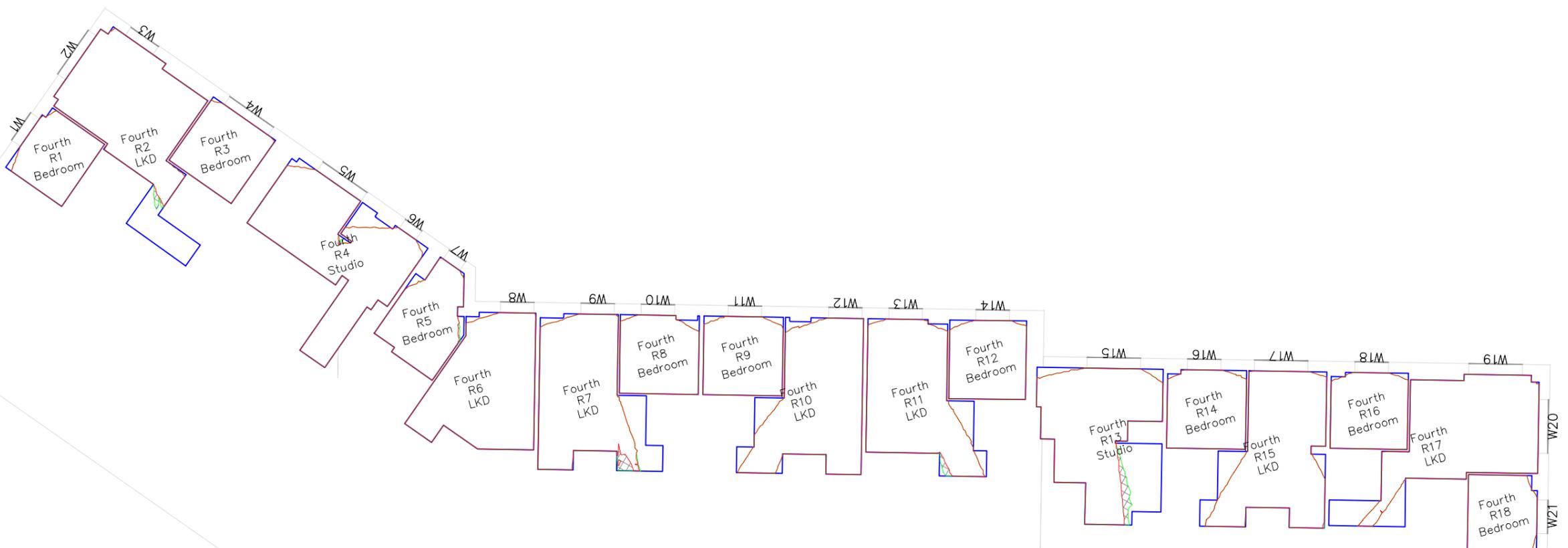
TITLE:  
CENTRAL QUAY  
DAYLIGHT DISTRIBUTION CONTOURS

JOB NO: 200	RELEASE: 04-01	DRG NO: 108
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL





SCALE: CUSTOM



SCALE: CUSTOM

SOURCES OF INFORMATION:

3D CONTEXT MODEL  
ACCUCITIES MODEL  
004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG

- ROOM AREA
- EXISTING LIT AREA
- PROPOSED LIT AREA
- LOSS / GAIN AREA



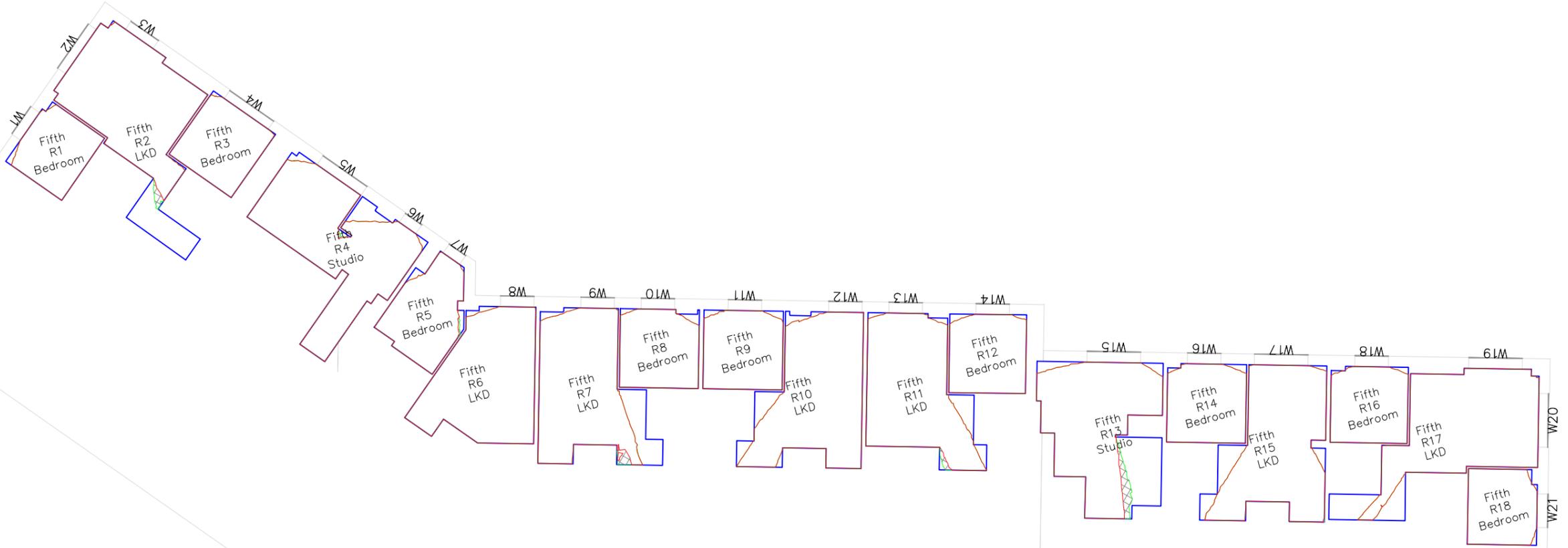
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REV:	DESCRIPTION:	BY:   DATE:

PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

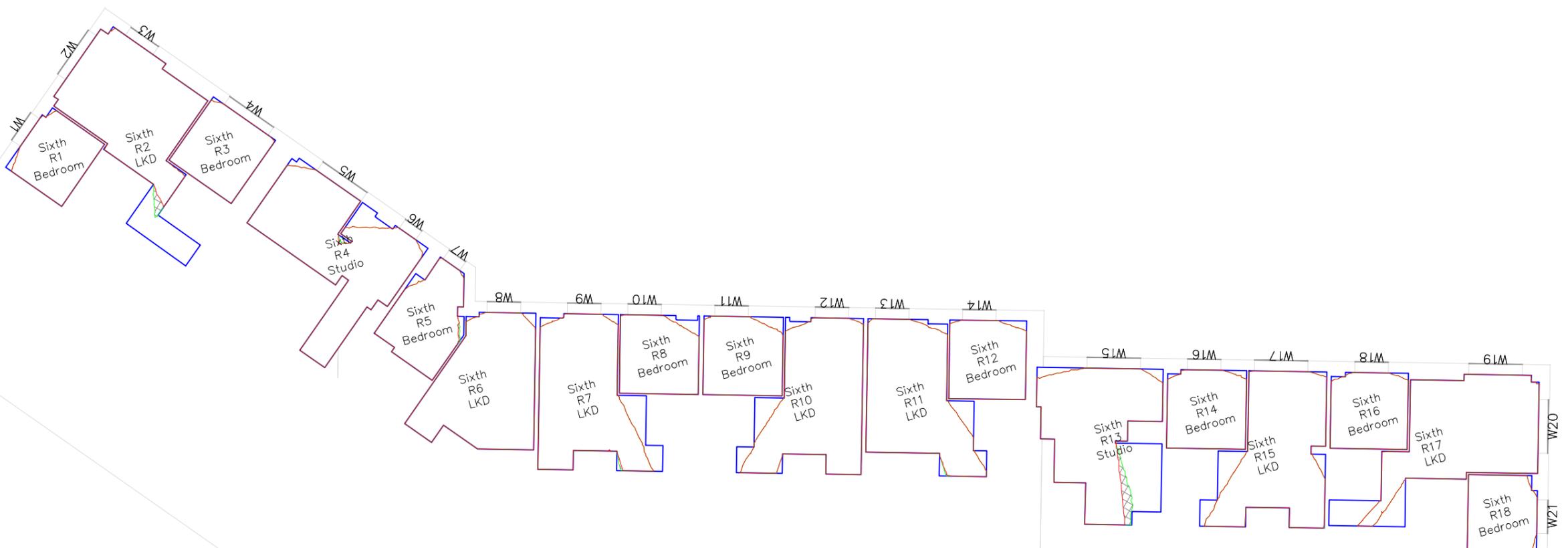
TITLE:  
CENTRAL QUAY  
DAYLIGHT DISTRIBUTION CONTOURS

JOB NO: 200	RELEASE: 04-01	DRG NO: 109
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL





SCALE: CUSTOM



SCALE: CUSTOM

SOURCES OF INFORMATION:

3D CONTEXT MODEL  
ACCUCITIES MODEL  
004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG

- ROOM AREA
- EXISTING LIT AREA
- PROPOSED LIT AREA
- LOSS / GAIN AREA



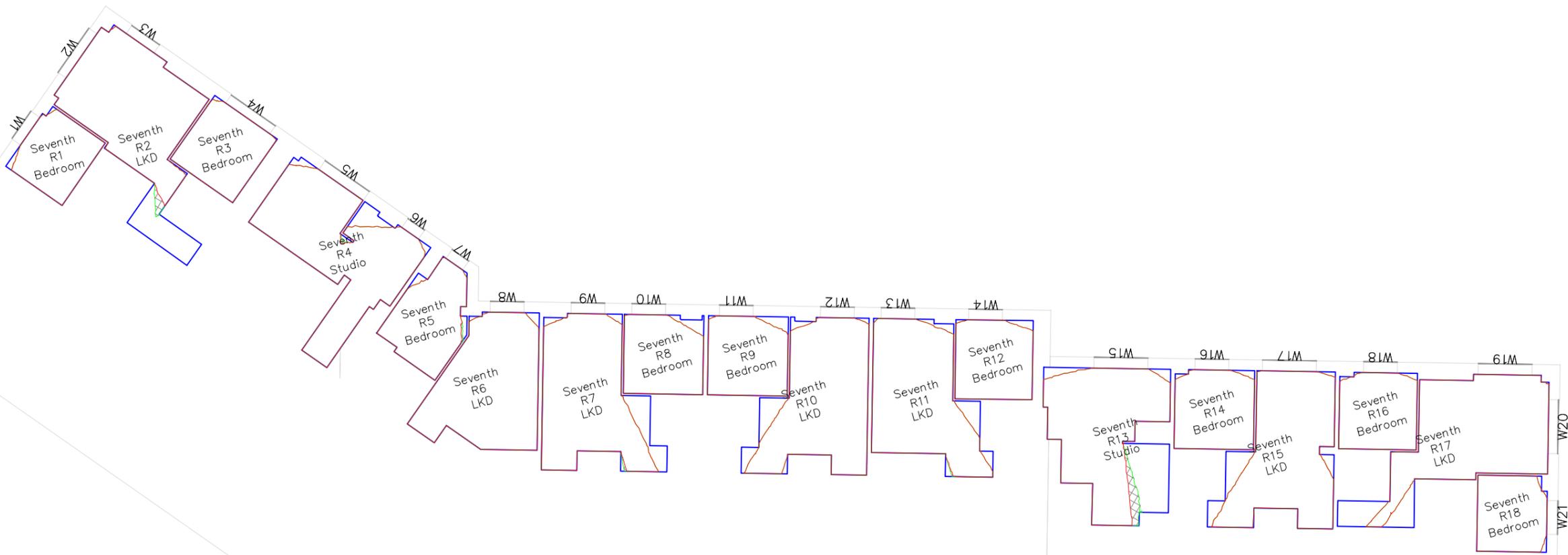
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PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

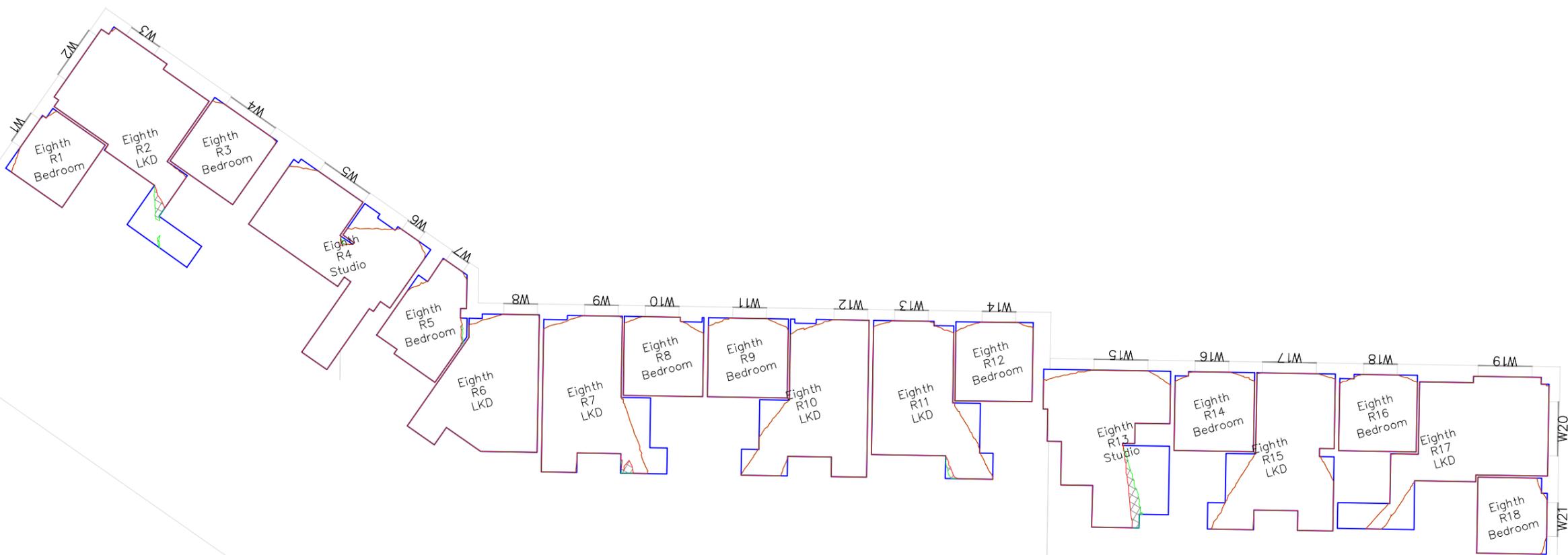
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DAYLIGHT DISTRIBUTION CONTOURS

JOB NO: 200	RELEASE: 04-01	DRG NO: 110
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL





SCALE: CUSTOM



SCALE: CUSTOM

SOURCES OF INFORMATION:  
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 004746\_CARDIFF\_HD\_MASTER.DWG  
 MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG  
 SCHEME  
 06159\_MODEL\_250709.DWG

- ROOM AREA
- EXISTING LIT AREA
- PROPOSED LIT AREA
- LOSS / GAIN AREA



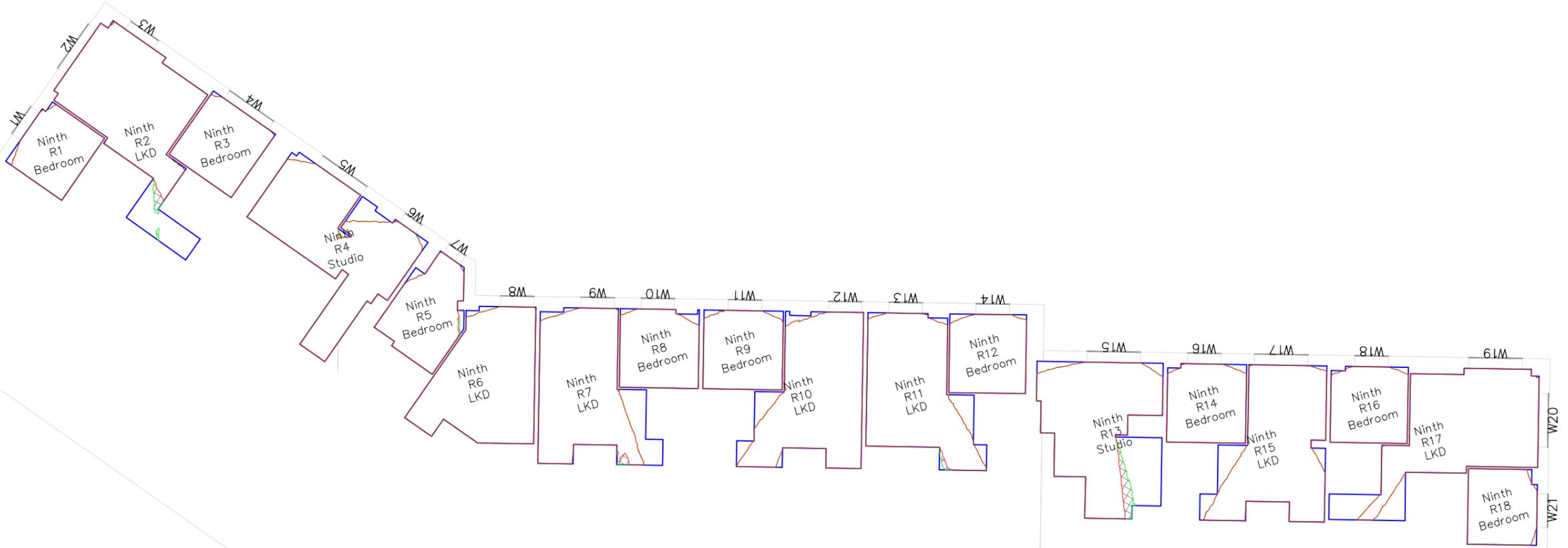
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PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

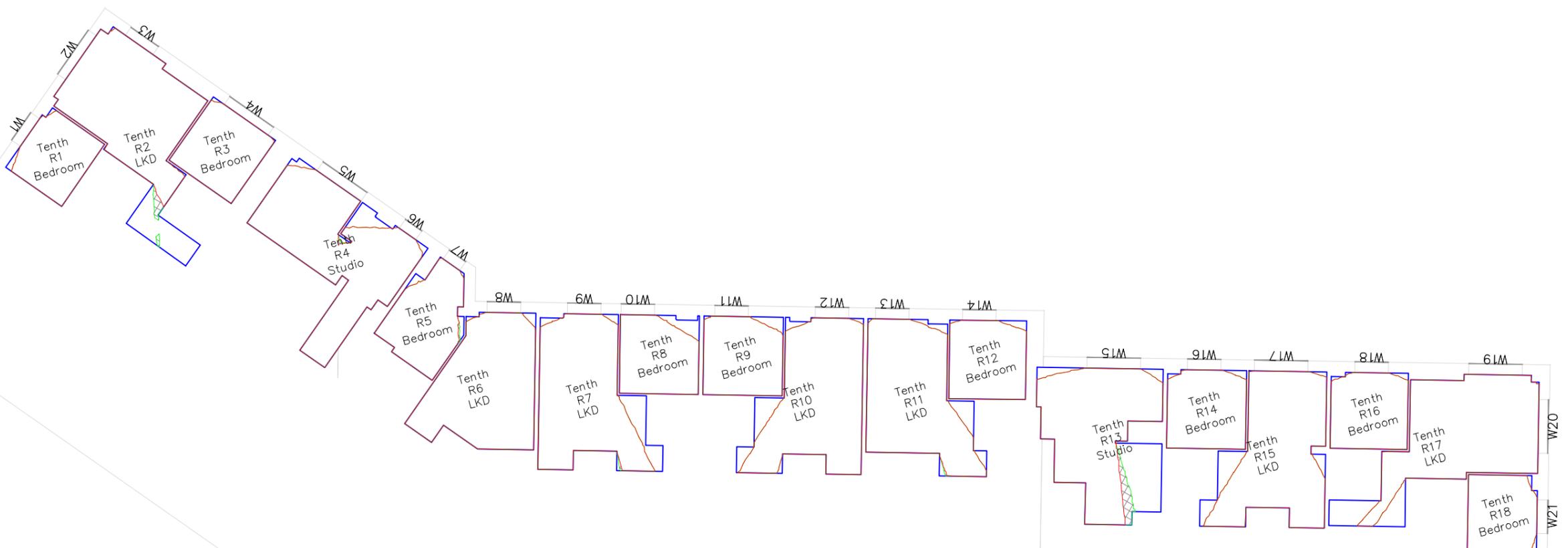
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 CENTRAL QUAY  
 DAYLIGHT DISTRIBUTION CONTOURS

JOB NO: 200	RELEASE: 04-01	DRG NO: 111
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL





SCALE: CUSTOM



SCALE: CUSTOM

SOURCES OF INFORMATION:

3D CONTEXT MODEL  
ACCUCITIES MODEL  
004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG

- ROOM AREA
- EXISTING LIT AREA
- PROPOSED LIT AREA
- LOSS / GAIN AREA



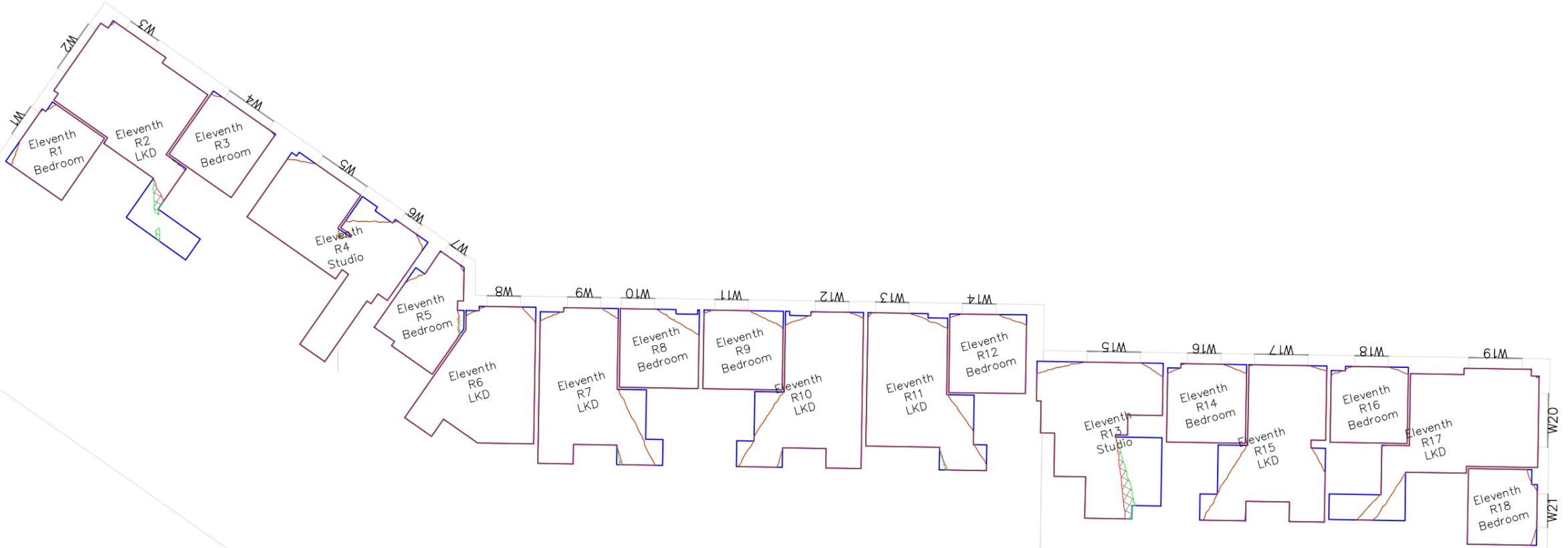
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PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

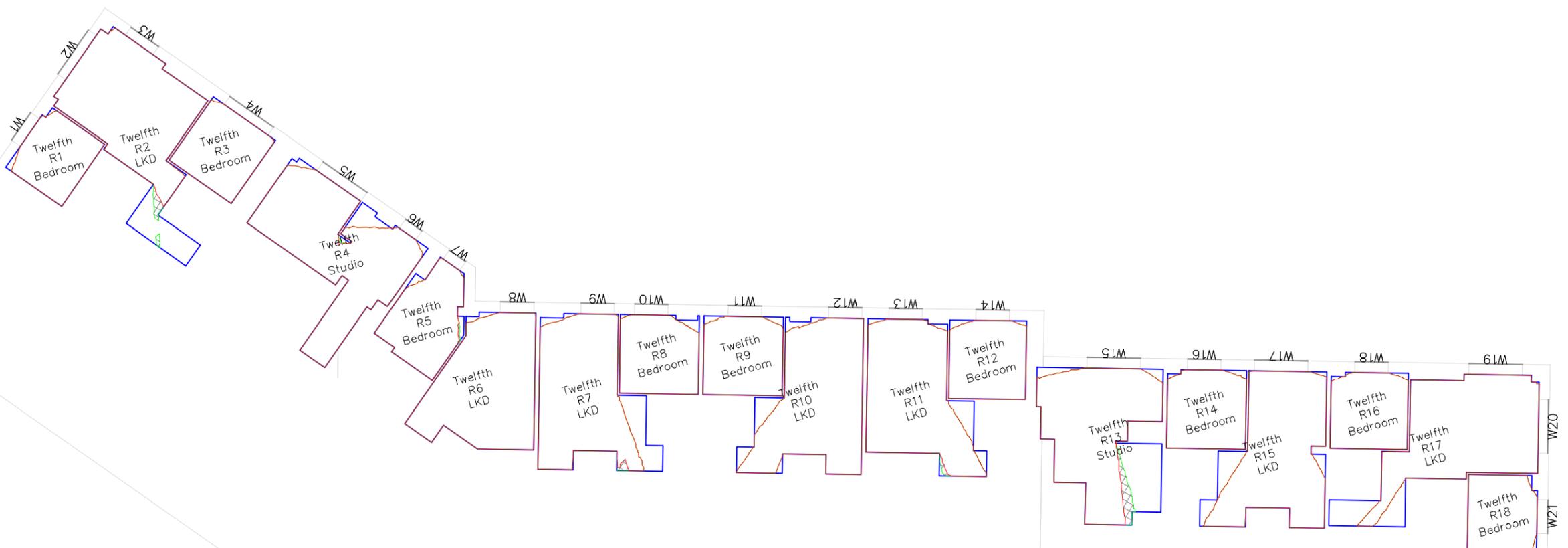
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CENTRAL QUAY  
DAYLIGHT DISTRIBUTION CONTOURS

JOB NO: 200	RELEASE: 04-01	DRG NO: 112
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL





SCALE: CUSTOM



SCALE: CUSTOM

SOURCES OF INFORMATION:

3D CONTEXT MODEL  
ACCUCITIES MODEL  
004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG

- ROOM AREA
- EXISTING LIT AREA
- PROPOSED LIT AREA
- LOSS / GAIN AREA



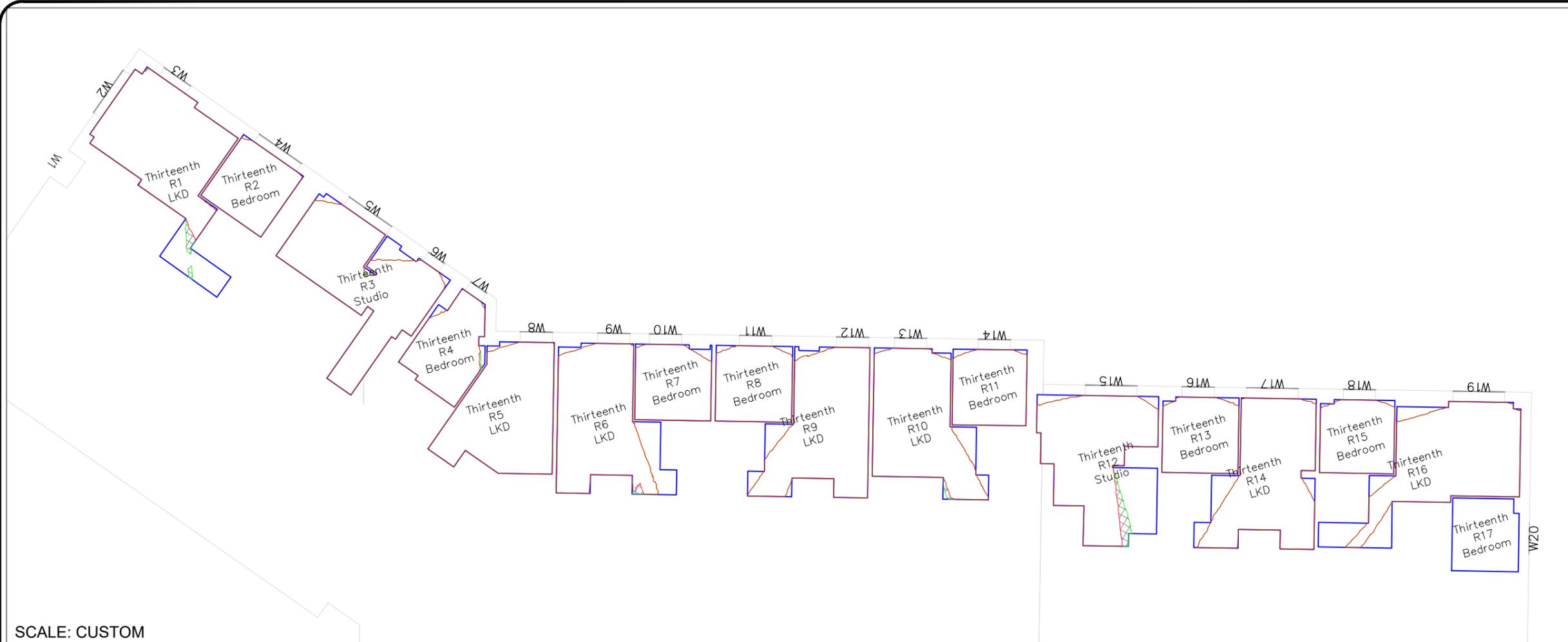
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PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

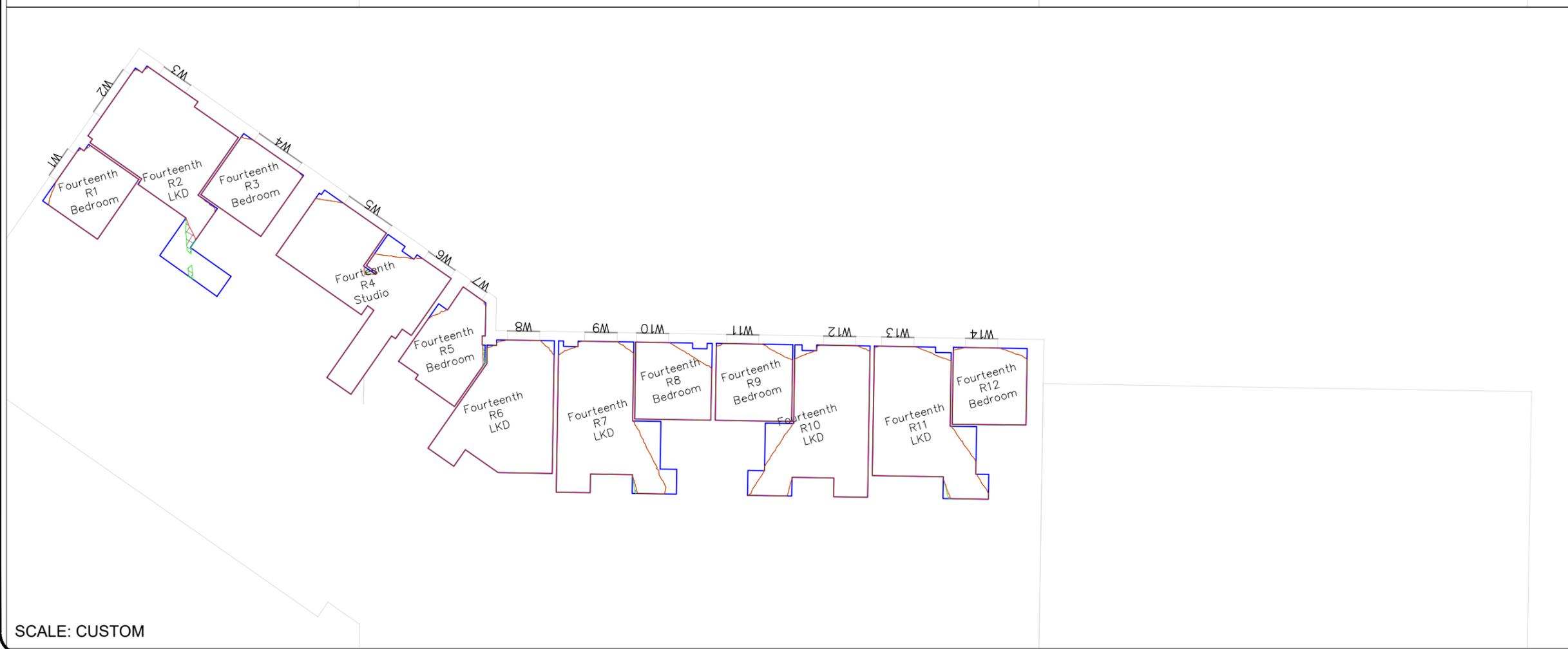
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CENTRAL QUAY  
DAYLIGHT DISTRIBUTION CONTOURS

JOB NO: 200	RELEASE: 04-01	DRG NO: 113
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL





SCALE: CUSTOM



SCALE: CUSTOM

SOURCES OF INFORMATION:

3D CONTEXT MODEL  
 ACCUCITIES MODEL  
 004746\_CARDIFF\_HD\_MASTER.DWG  
 MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG  
 SCHEME  
 06159\_MODEL\_250709.DWG

- ROOM AREA
- EXISTING LIT AREA
- PROPOSED LIT AREA
- LOSS / GAIN AREA



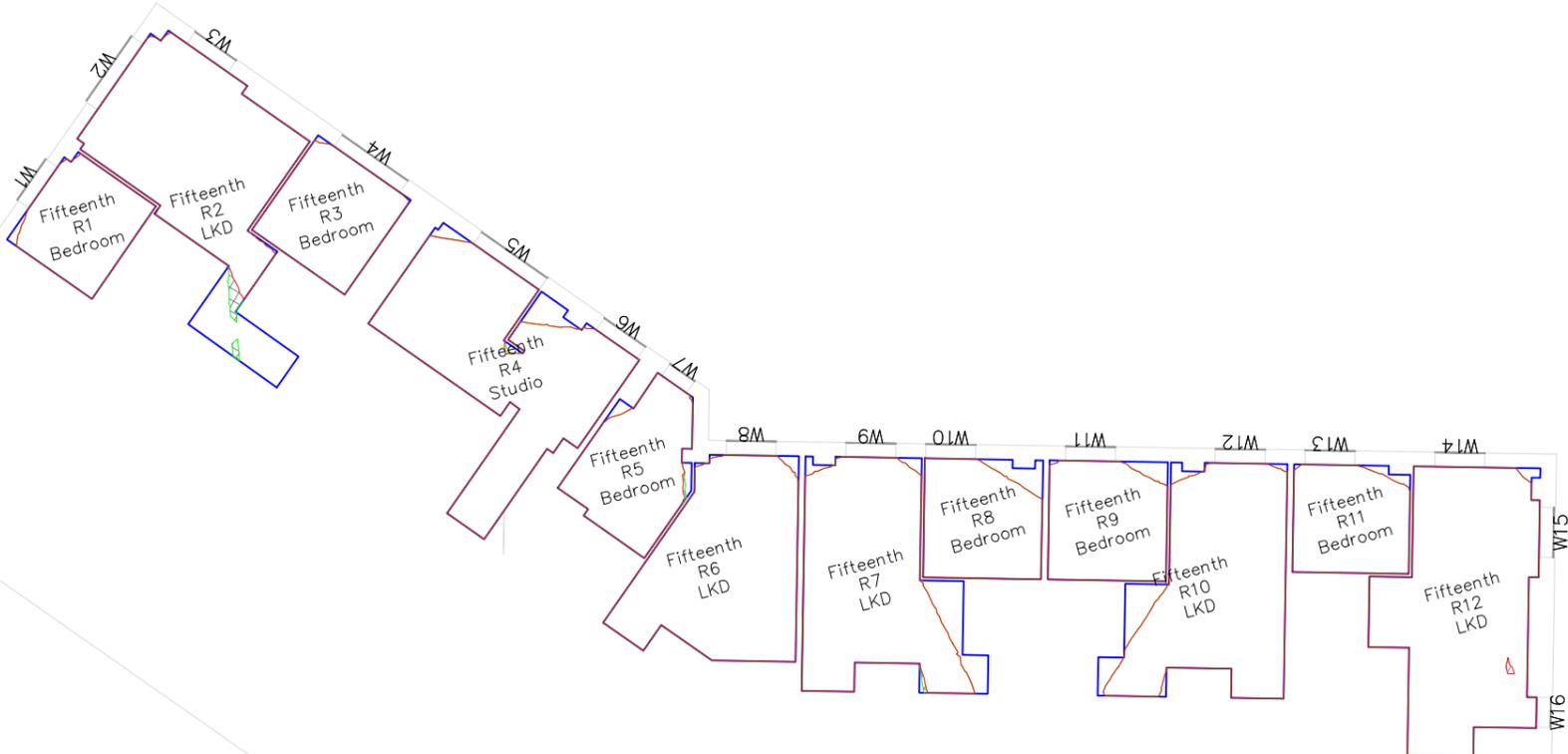
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PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

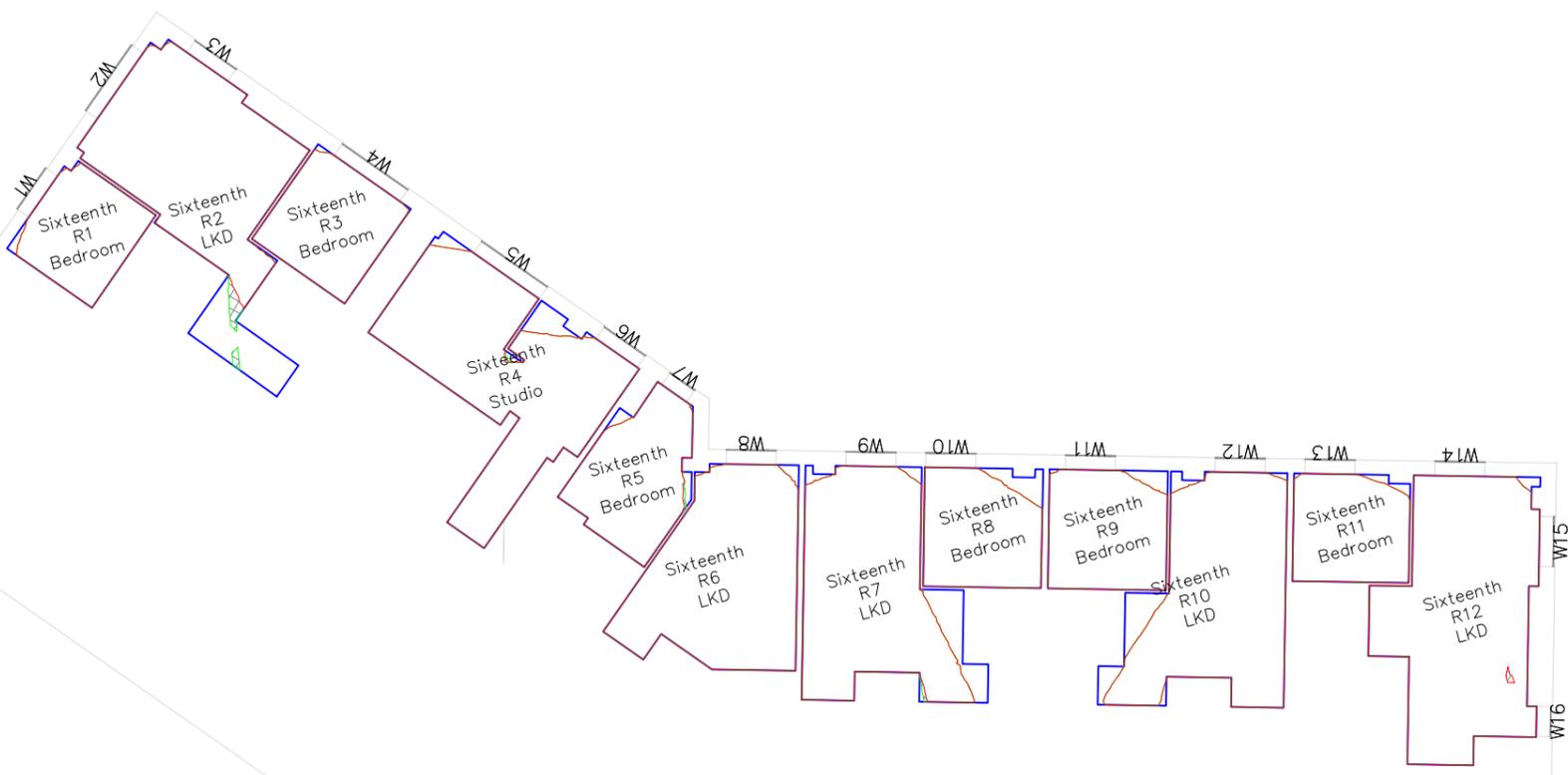
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 CENTRAL QUAY  
 DAYLIGHT DISTRIBUTION CONTOURS

JOB NO: 200	RELEASE: 04-01	DRG NO: 114
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL





SCALE: CUSTOM



SCALE: CUSTOM

SOURCES OF INFORMATION:

3D CONTEXT MODEL  
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 004746\_CARDIFF\_HD\_MASTER.DWG  
 MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG  
 SCHEME  
 06159\_MODEL\_250709.DWG

- ROOM AREA
- EXISTING LIT AREA
- PROPOSED LIT AREA
- LOSS / GAIN AREA



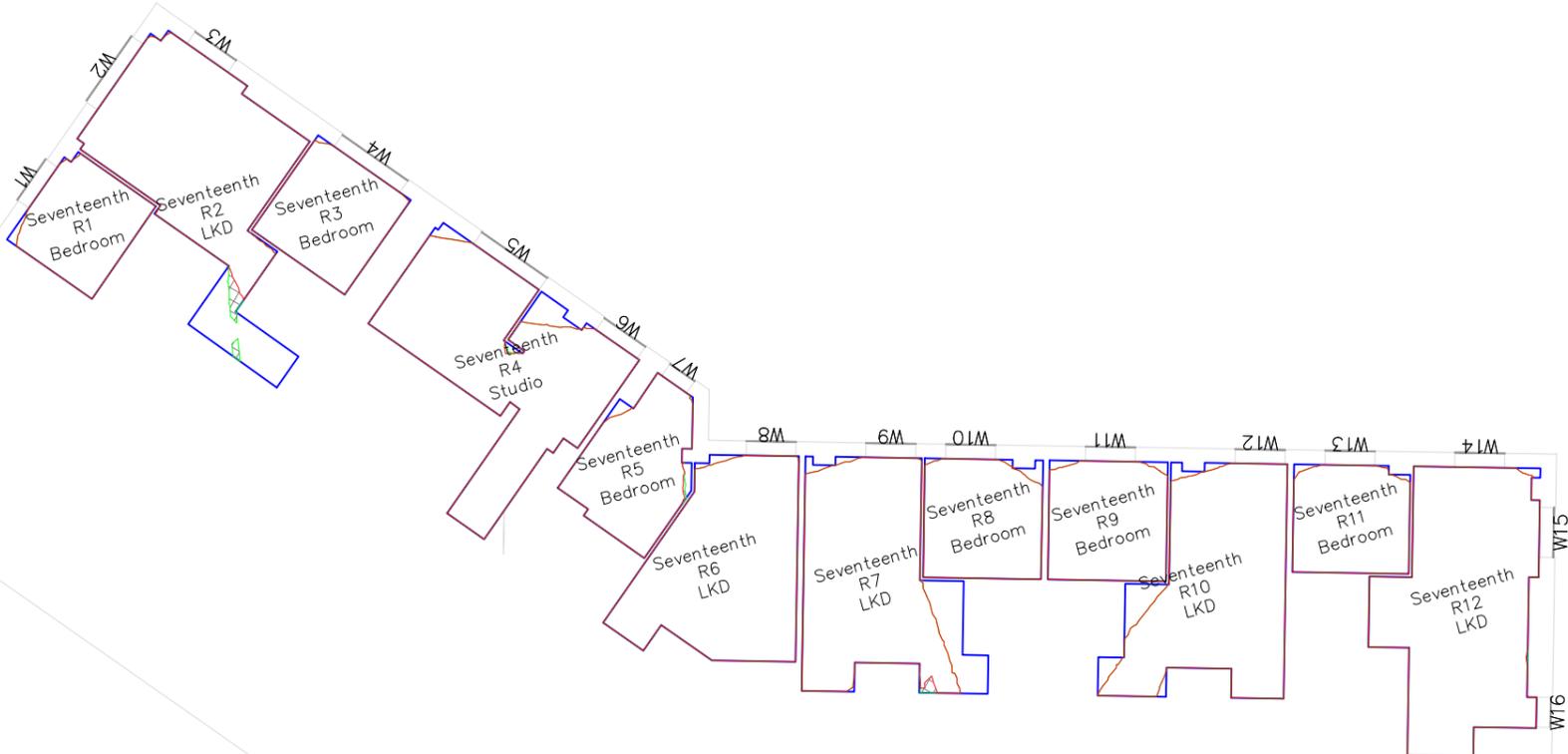
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PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

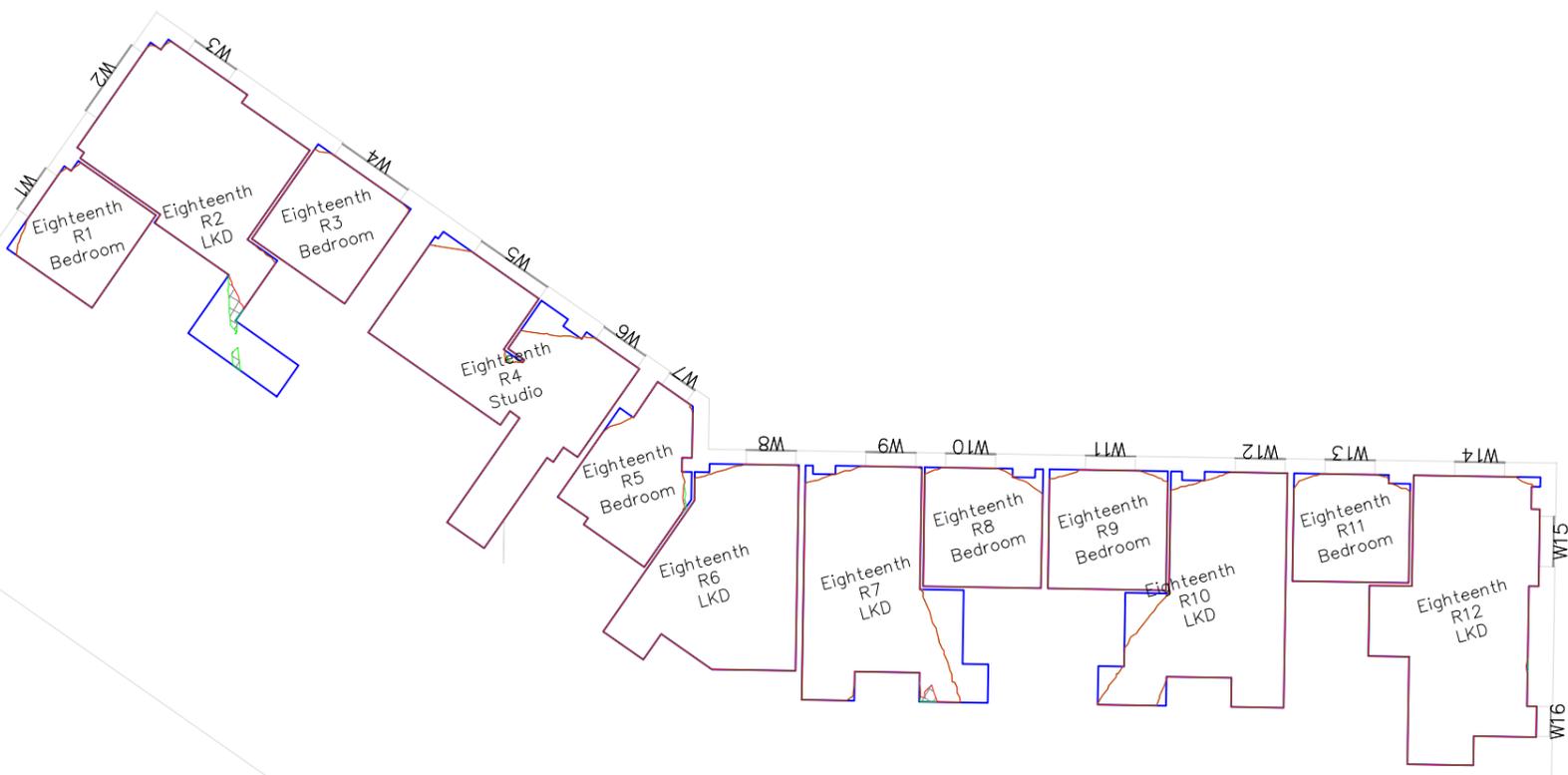
TITLE:  
 CENTRAL QUAY  
 DAYLIGHT DISTRIBUTION CONTOURS

JOB NO: 200	RELEASE: 04-01	DRG NO: 115
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL





SCALE: CUSTOM



SCALE: CUSTOM

SOURCES OF INFORMATION:

3D CONTEXT MODEL  
 ACCUCITIES MODEL  
 004746\_CARDIFF\_HD\_MASTER.DWG  
 MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG  
 SCHEME  
 06159\_MODEL\_250709.DWG

- ROOM AREA
- EXISTING LIT AREA
- PROPOSED LIT AREA
- LOSS / GAIN AREA



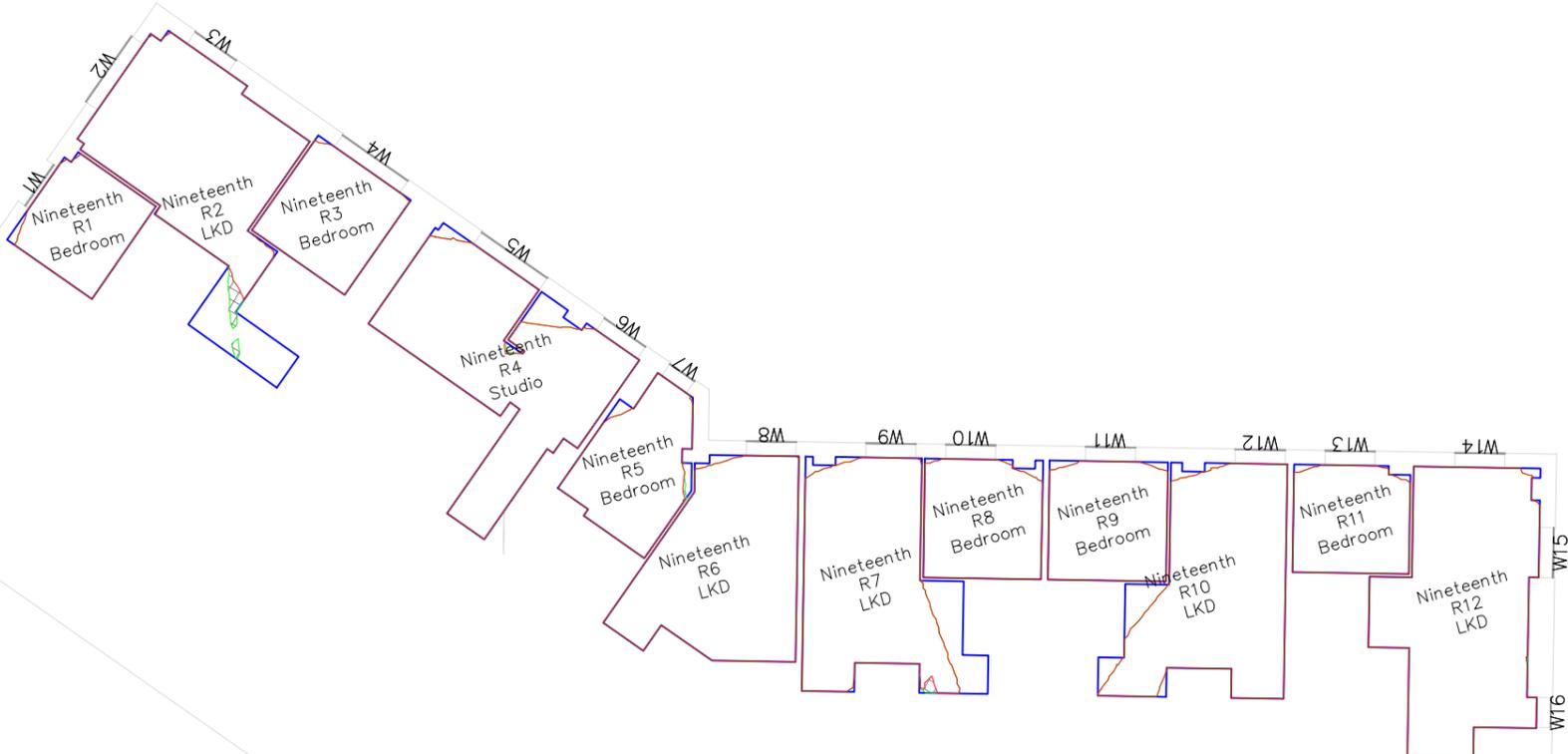
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PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

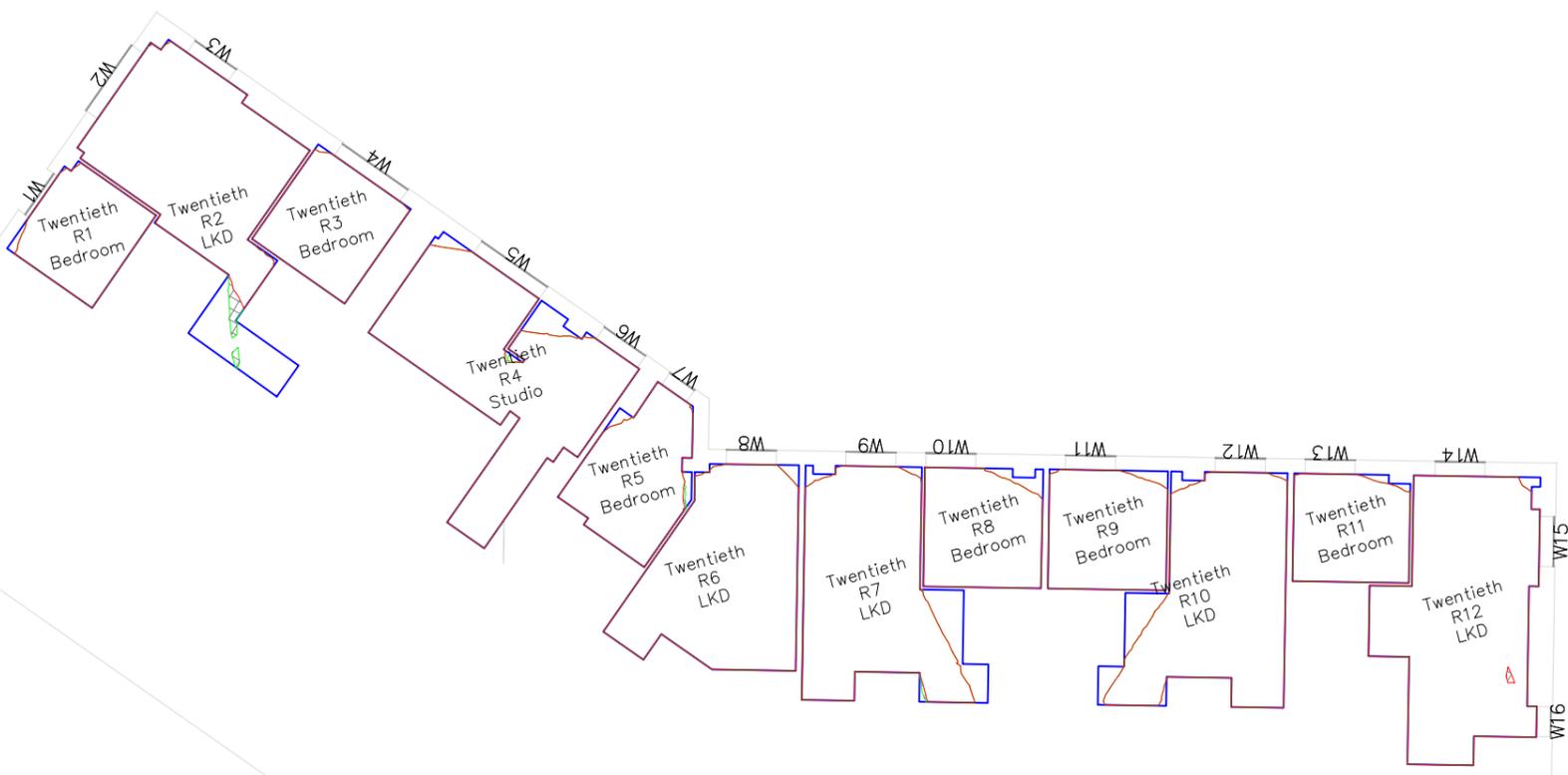
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 CENTRAL QUAY  
 DAYLIGHT DISTRIBUTION CONTOURS

JOB NO: 200	RELEASE: 04-01	DRG NO: 116
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL





SCALE: CUSTOM



SCALE: CUSTOM

SOURCES OF INFORMATION:

3D CONTEXT MODEL  
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 004746\_CARDIFF\_HD\_MASTER.DWG  
 MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG  
 SCHEME  
 06159\_MODEL\_250709.DWG

- ROOM AREA
- EXISTING LIT AREA
- PROPOSED LIT AREA
- LOSS / GAIN AREA



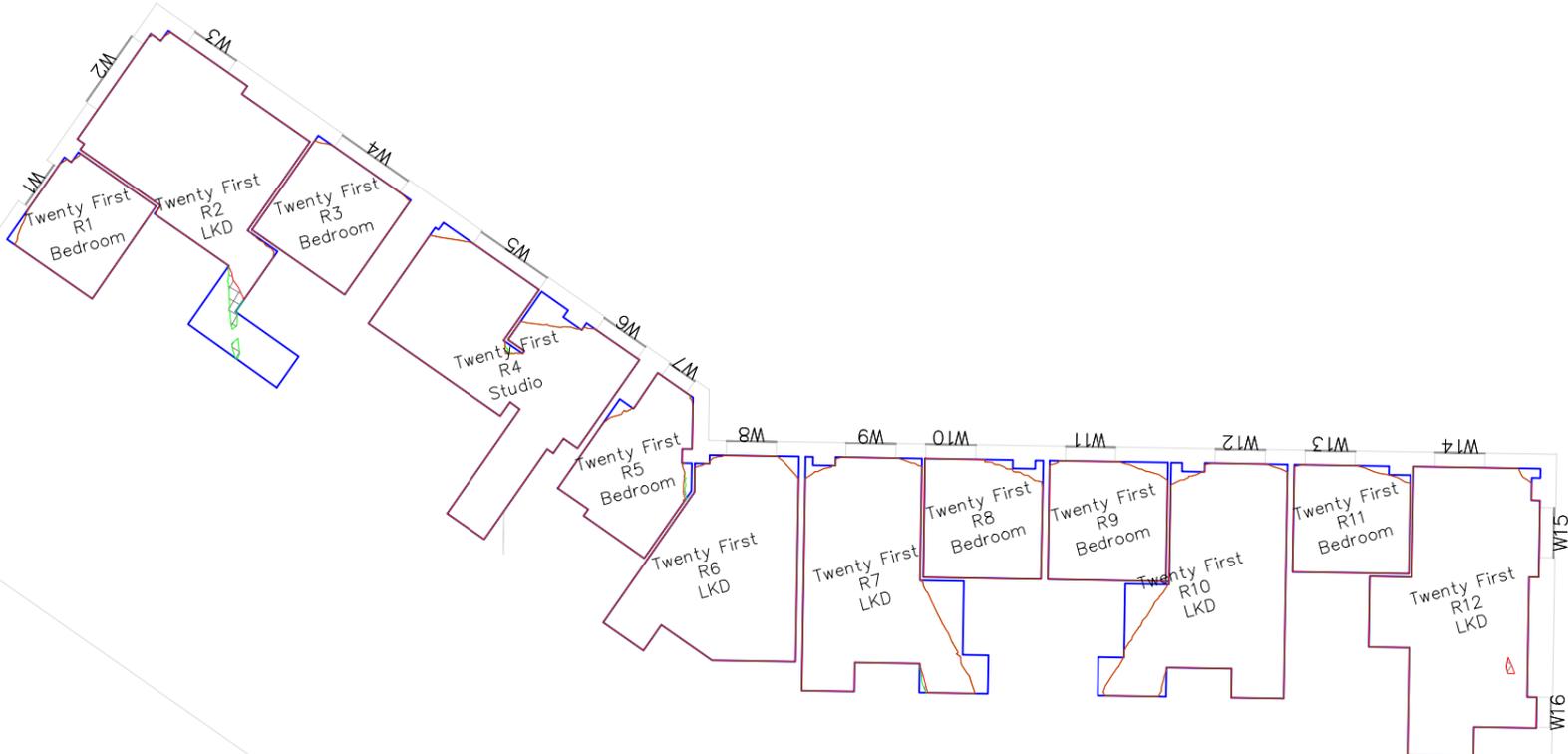
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REV:	DESCRIPTION:	BY:   DATE:

PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

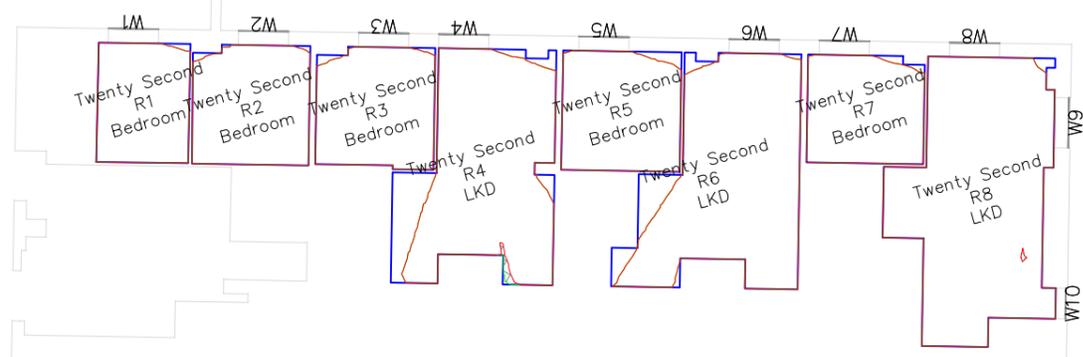
TITLE:  
 CENTRAL QUAY  
 DAYLIGHT DISTRIBUTION CONTOURS

JOB NO: 200	RELEASE: 04-01	DRG NO: 117
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL





SCALE: CUSTOM



SCALE: CUSTOM

SOURCES OF INFORMATION:

3D CONTEXT MODEL  
ACCUCITIES MODEL  
004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG

- ROOM AREA
- EXISTING LIT AREA
- PROPOSED LIT AREA
- LOSS / GAIN AREA



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REV: DESCRIPTION: BY: DATE:

PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
CENTRAL QUAY  
DAYLIGHT DISTRIBUTION CONTOURS

JOB NO: 200	RELEASE: 04-01	DRG NO: 118
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL

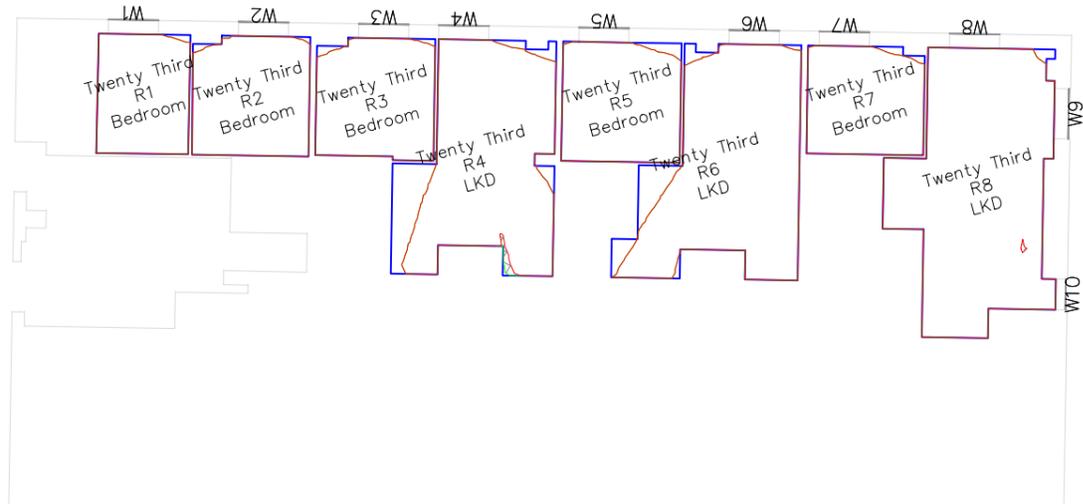


SOURCES OF INFORMATION:

3D CONTEXT MODEL  
 ACCUCITIES MODEL  
 004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
 06159\_MODEL\_250709.DWG



SCALE: CUSTOM

- ROOM AREA
- EXISTING LIT AREA
- PROPOSED LIT AREA
- LOSS / GAIN AREA



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REV: DESCRIPTION: BY: DATE:

PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 CENTRAL QUAY  
 DAYLIGHT DISTRIBUTION CONTOURS

JOB NO: 200	RELEASE: 04-01	DRG NO: 119
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL



SCALE: CUSTOM



SOURCES OF INFORMATION:

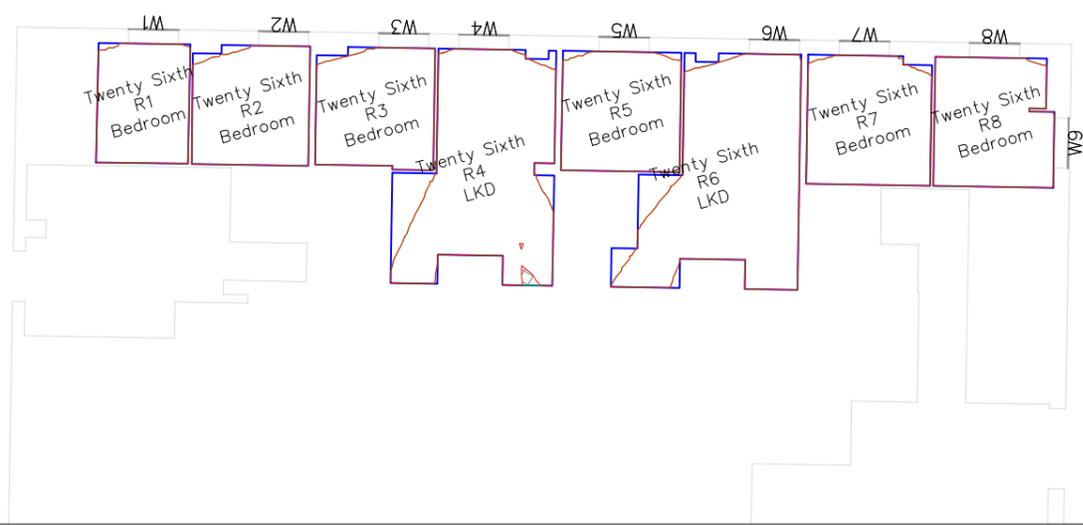
3D CONTEXT MODEL  
ACCUCITIES MODEL  
004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG



SCALE: CUSTOM



SCALE: CUSTOM

- ROOM AREA
- EXISTING LIT AREA
- PROPOSED LIT AREA
- LOSS / GAIN AREA



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REV: DESCRIPTION: BY: DATE:

PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
CENTRAL QUAY  
DAYLIGHT DISTRIBUTION CONTOURS

JOB NO: 200	RELEASE: 04-01	DRG NO: 120
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL

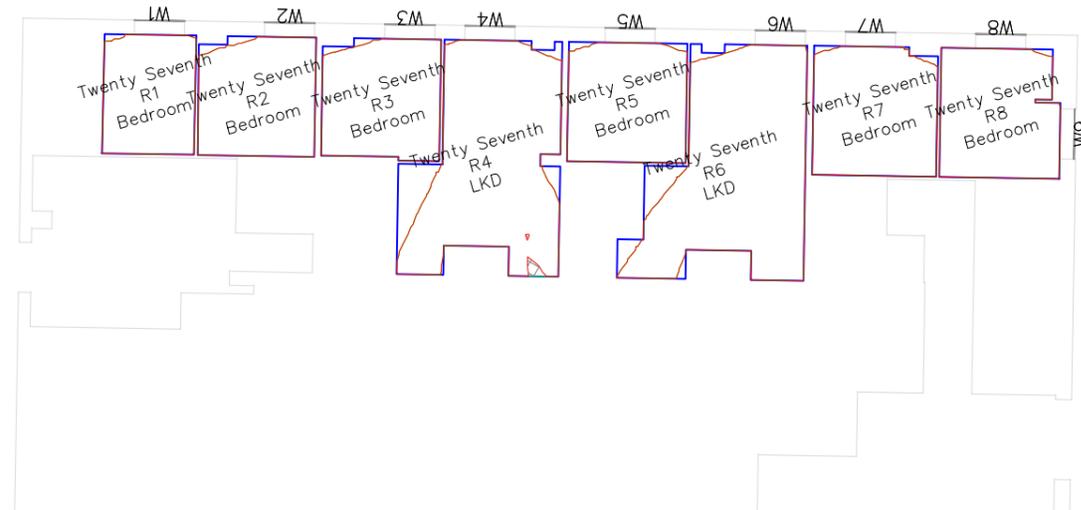


SOURCES OF INFORMATION:

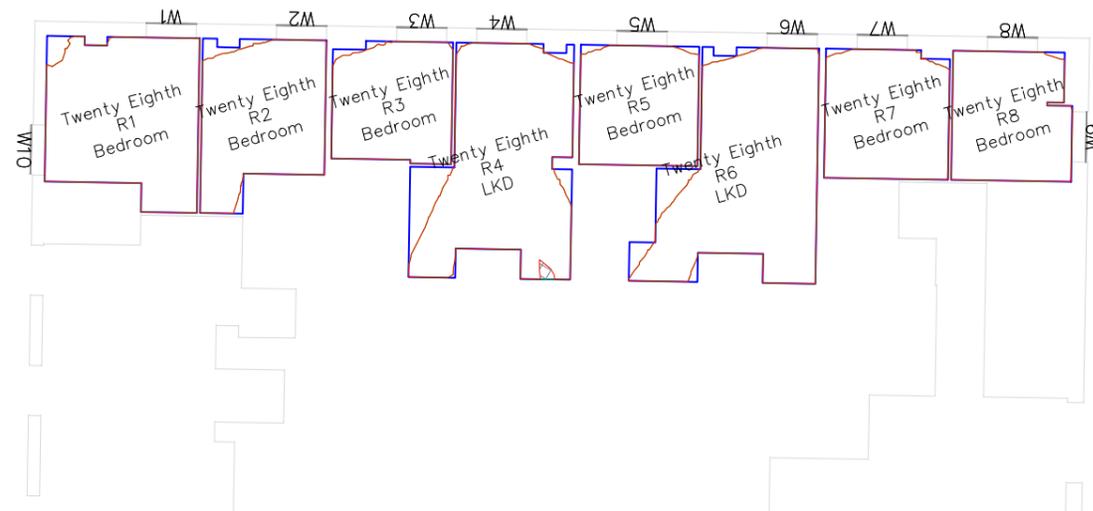
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 ACCUCITIES MODEL  
 004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
 06159\_MODEL\_250709.DWG



SCALE: CUSTOM



SCALE: CUSTOM

- ROOM AREA
- EXISTING LIT AREA
- PROPOSED LIT AREA
- LOSS / GAIN AREA



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REV: | DESCRIPTION: | BY: | DATE:

PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

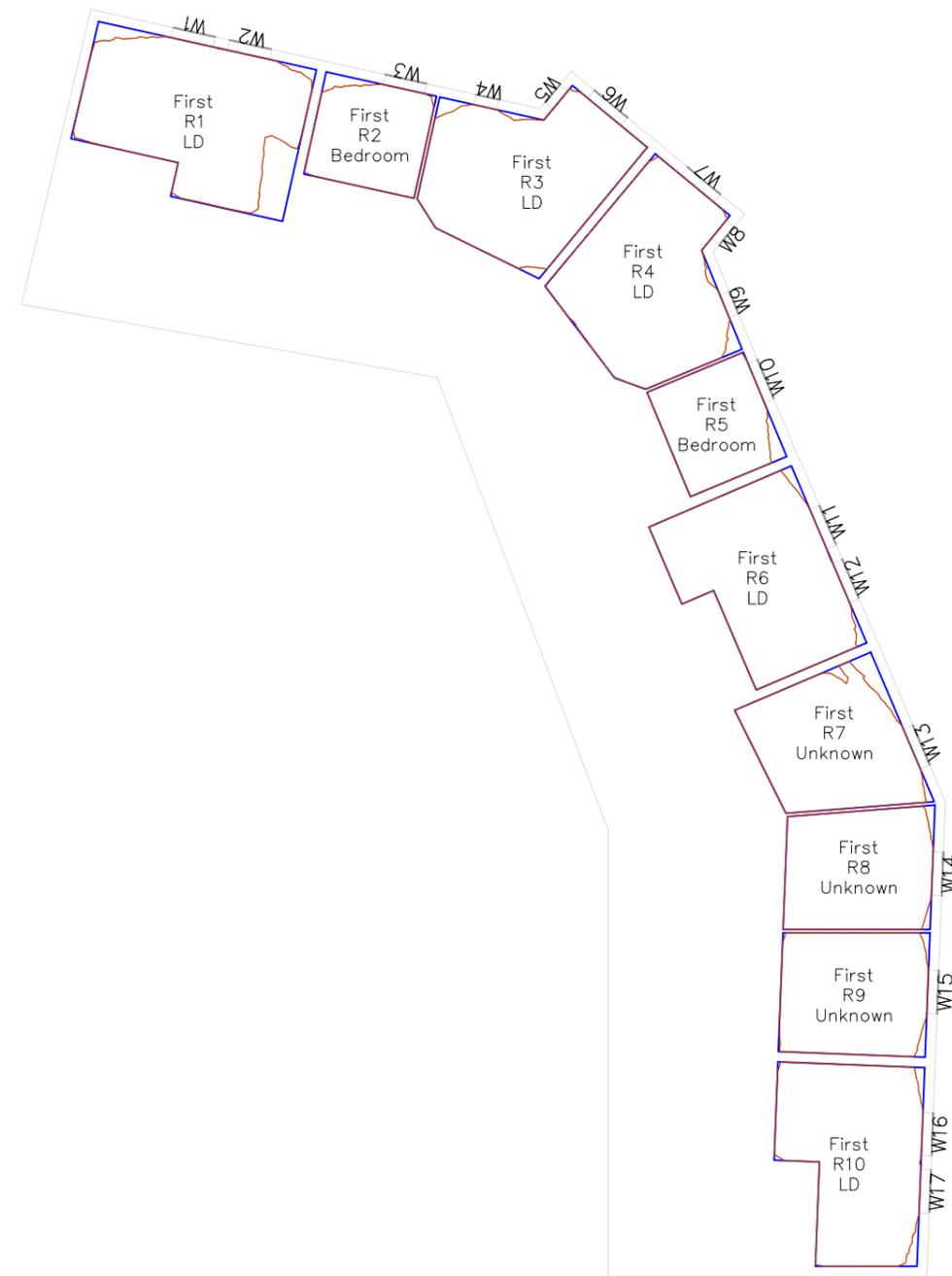
TITLE:  
 CENTRAL QUAY  
 DAYLIGHT DISTRIBUTION CONTOURS

JOB NO: 200	RELEASE: 04-01	DRG NO: 121
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL





SCALE: 1:200



SCALE: 1:200

SOURCES OF INFORMATION:

3D CONTEXT MODEL  
 ACCUCITIES MODEL  
 004746\_CARDIFF\_HD\_MASTER.DWG  
 MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG  
 SCHEME  
 06159\_MODEL\_250709.DWG

- ROOM AREA
- EXISTING LIT AREA
- PROPOSED LIT AREA
- LOSS / GAIN AREA



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REV:	DESCRIPTION:	BY:   DATE:

PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

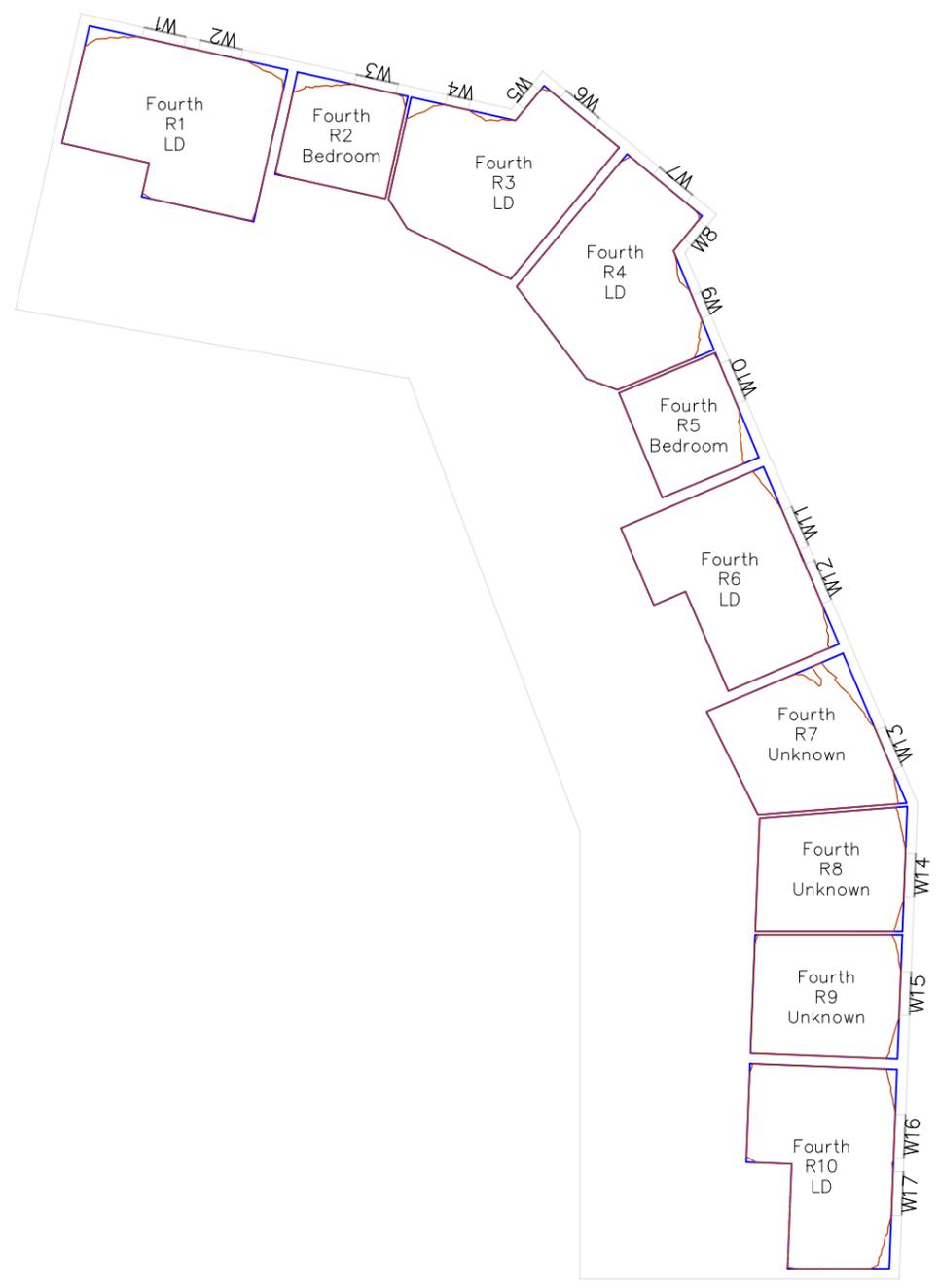
TITLE:  
 CENTURY COURT  
 DAYLIGHT DISTRIBUTION CONTOURS

JOB NO: 200	RELEASE: 04-01	DRG NO: 122
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL

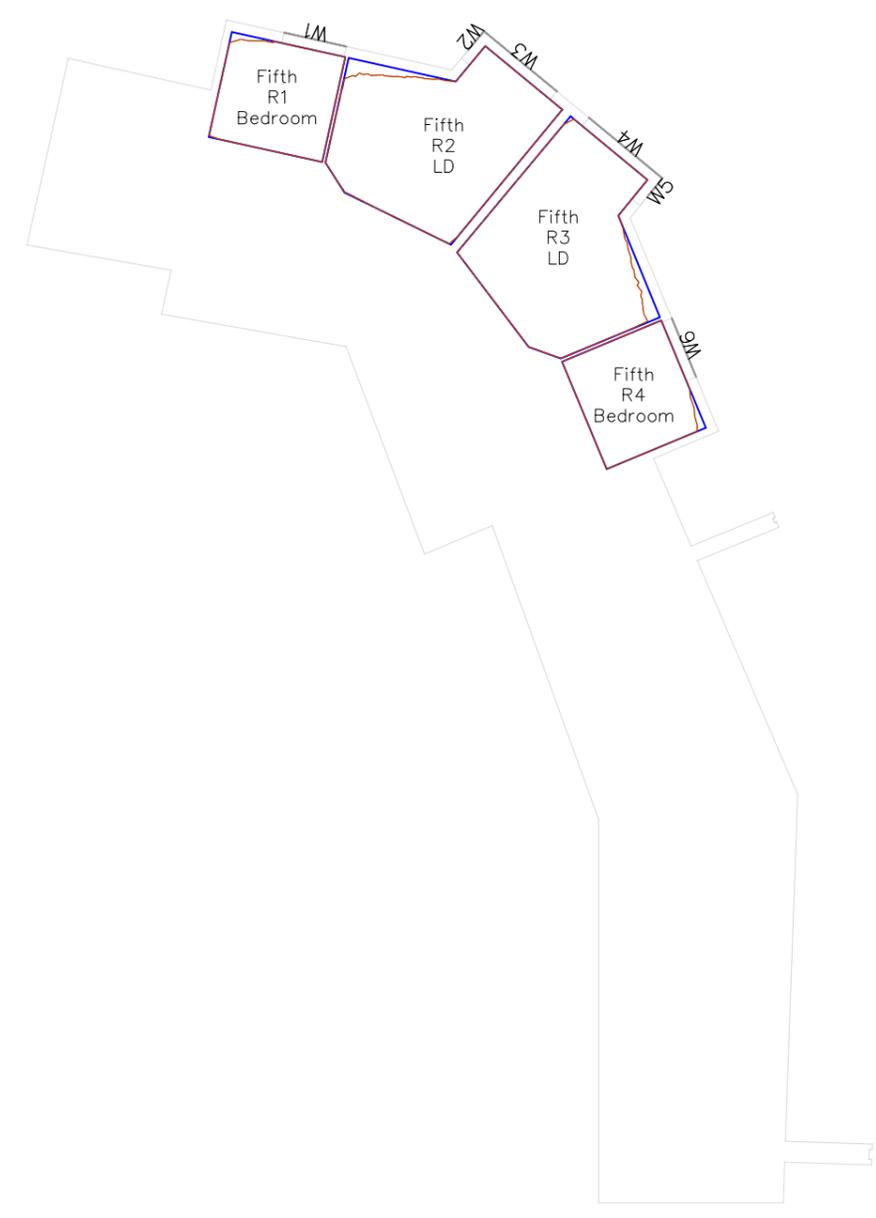




SOURCES OF INFORMATION:  
 3D CONTEXT MODEL  
 ACCUCITIES MODEL  
 004746\_CARDIFF\_HD\_MASTER.DWG  
 MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG  
 SCHEME  
 06159\_MODEL\_250709.DWG



SCALE: 1:200



SCALE: 1:200

- ROOM AREA
- EXISTING LIT AREA
- PROPOSED LIT AREA
- LOSS / GAIN AREA



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REV:	DESCRIPTION:	BY:   DATE:

PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 CENTURY COURT  
 DAYLIGHT DISTRIBUTION CONTOURS

JOB NO: 200	RELEASE: 04-01	DRG NO: 124
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL

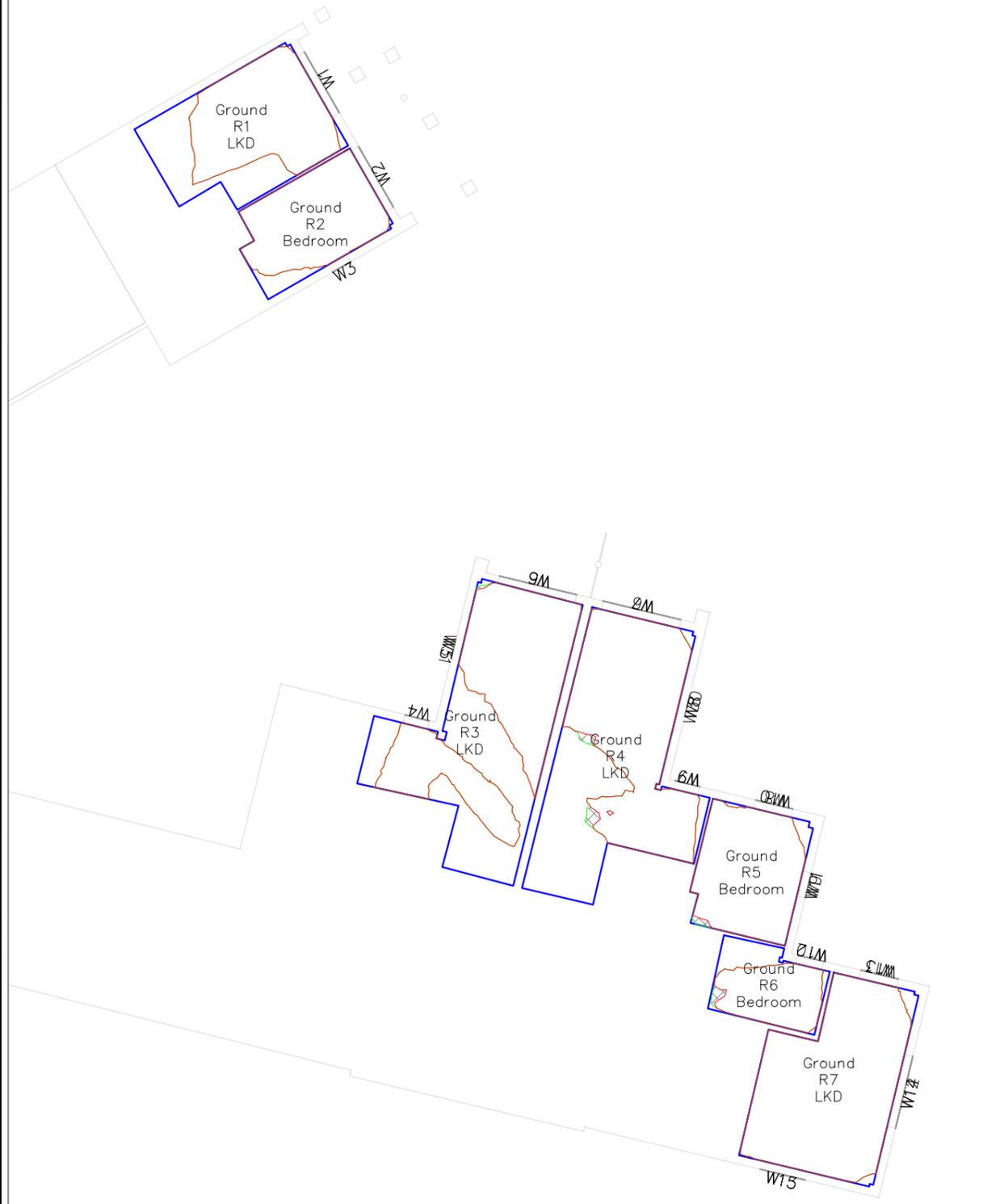


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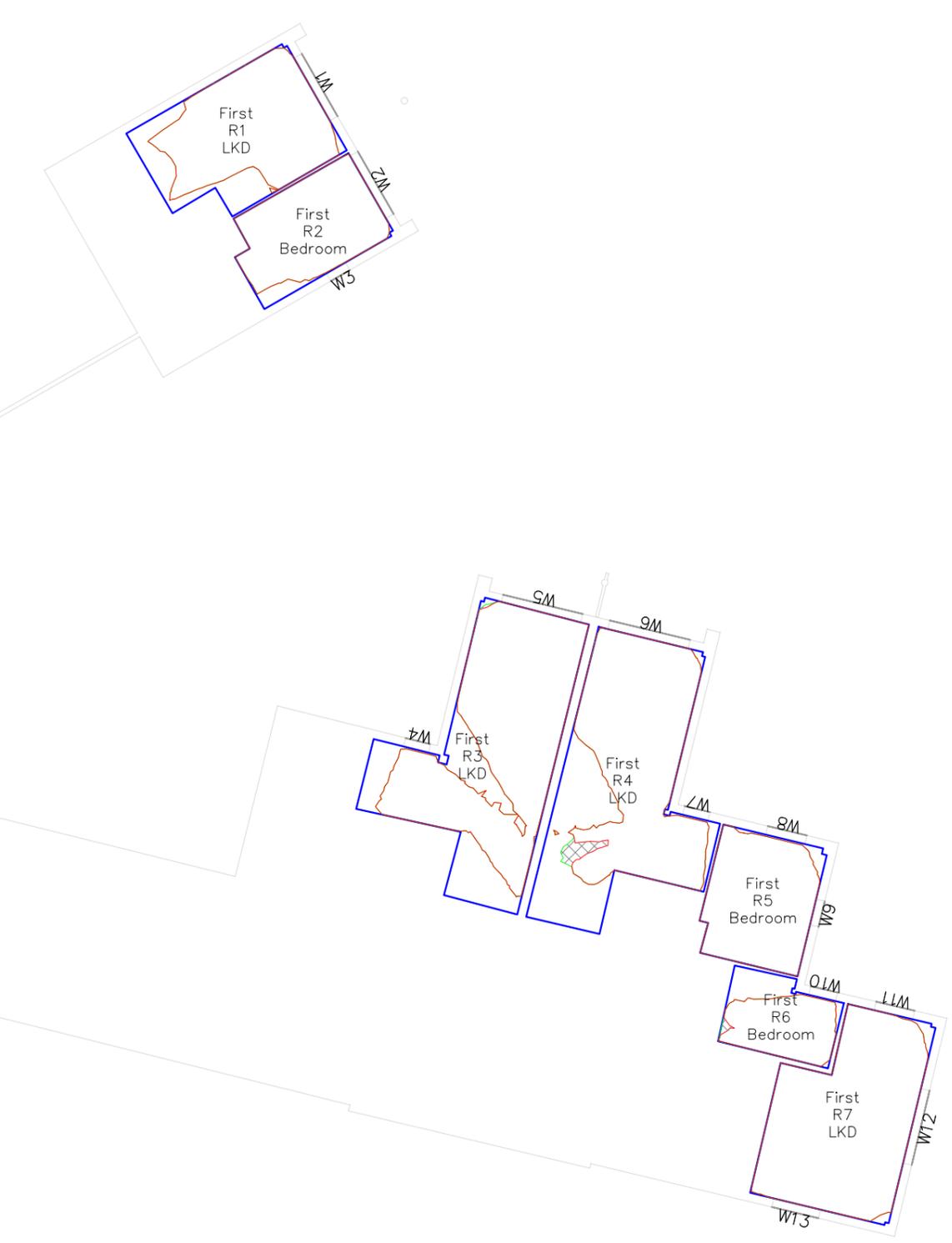
3D CONTEXT MODEL  
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 004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
 06159\_MODEL\_250709.DWG



SCALE: 1:200



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- ROOM AREA
- EXISTING LIT AREA
- PROPOSED LIT AREA
- LOSS / GAIN AREA



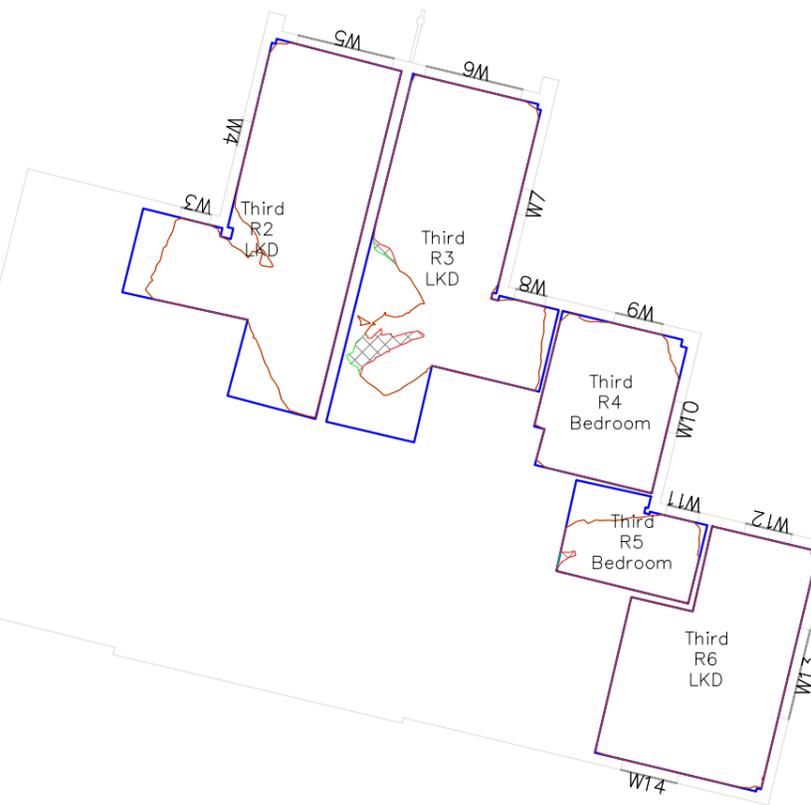
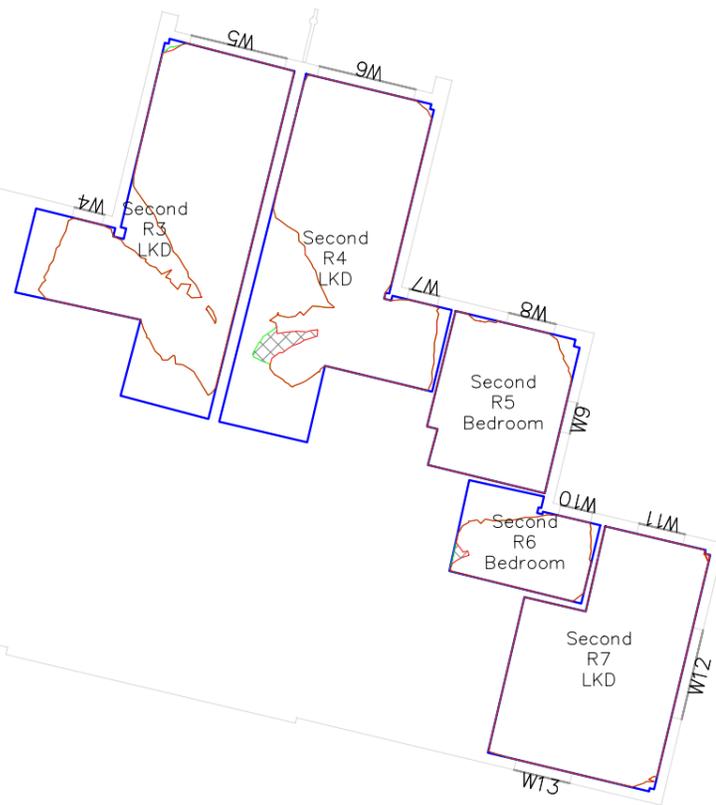
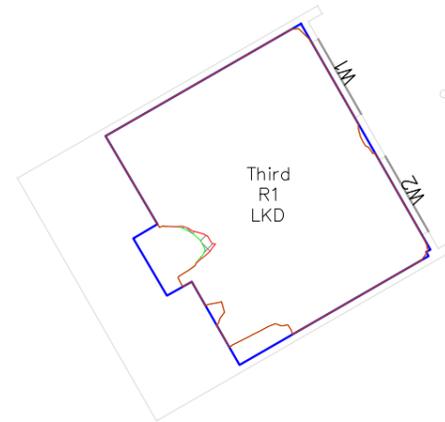
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PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 MILLENNIUM VIEW  
 DAYLIGHT DISTRIBUTION CONTOURS

JOB NO: 200	RELEASE: 04-01	DRG NO: 125
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL





SOURCES OF INFORMATION:  
 3D CONTEXT MODEL  
 ACCUCITIES MODEL  
 004746\_CARDIFF\_HD\_MASTER.DWG  
 MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG  
 SCHEME  
 06159\_MODEL\_250709.DWG

- ROOM AREA
- EXISTING LIT AREA
- PROPOSED LIT AREA
- LOSS / GAIN AREA



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REV:	DESCRIPTION:	BY:   DATE:

PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 MILLENNIUM VIEW  
 DAYLIGHT DISTRIBUTION CONTOURS

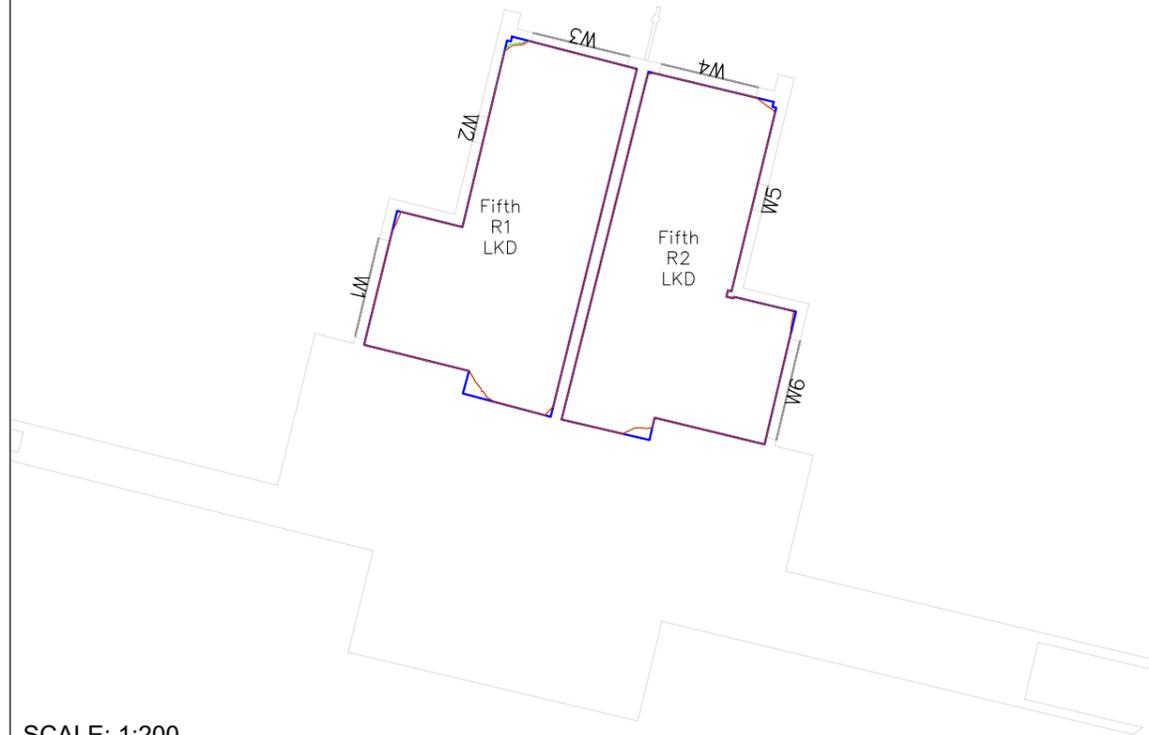
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DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL



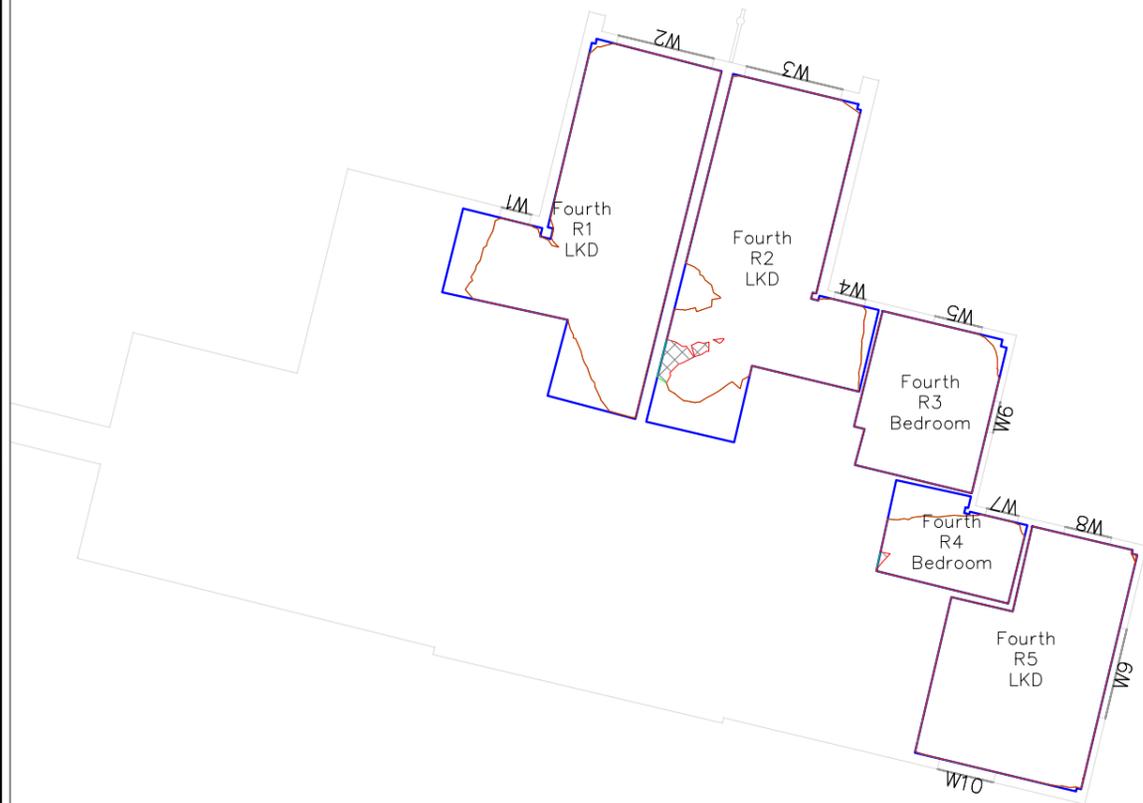
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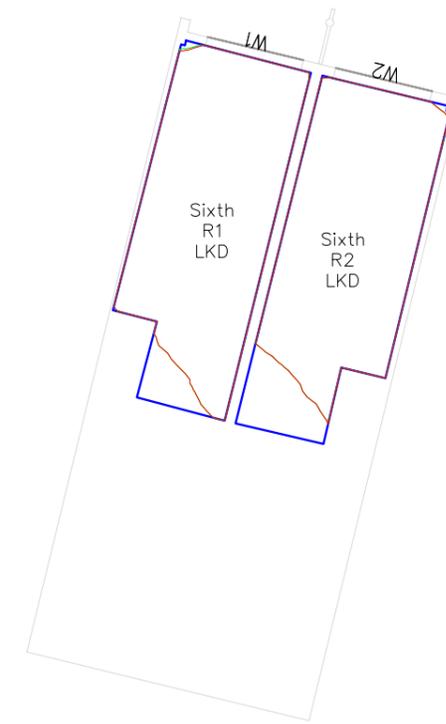
SOURCES OF INFORMATION:  
 3D CONTEXT MODEL  
 ACCUCITIES MODEL  
 004746\_CARDIFF\_HD\_MASTER.DWG  
 MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG  
 SCHEME  
 06159\_MODEL\_250709.DWG



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- ROOM AREA
- EXISTING LIT AREA
- PROPOSED LIT AREA
- LOSS / GAIN AREA



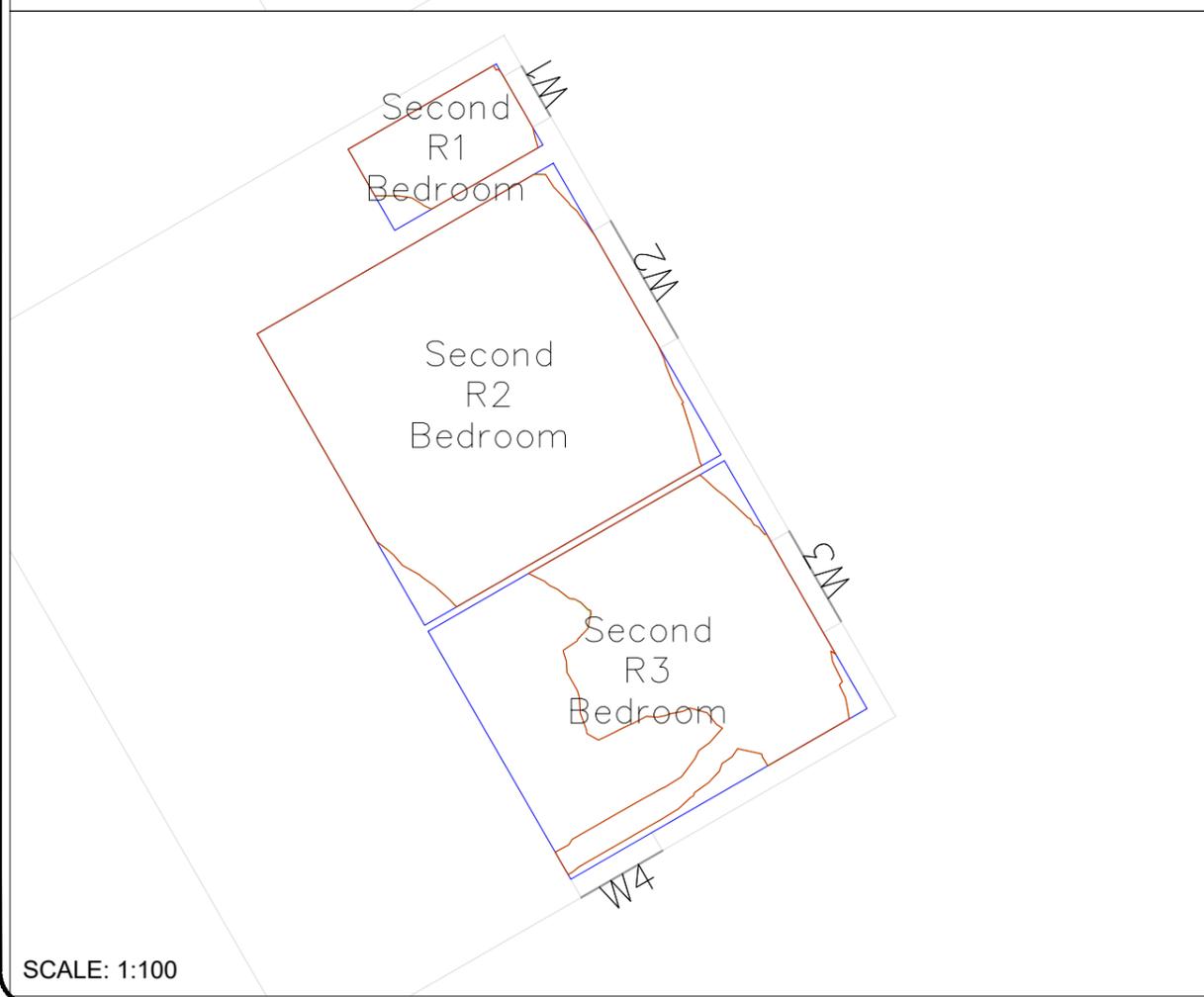
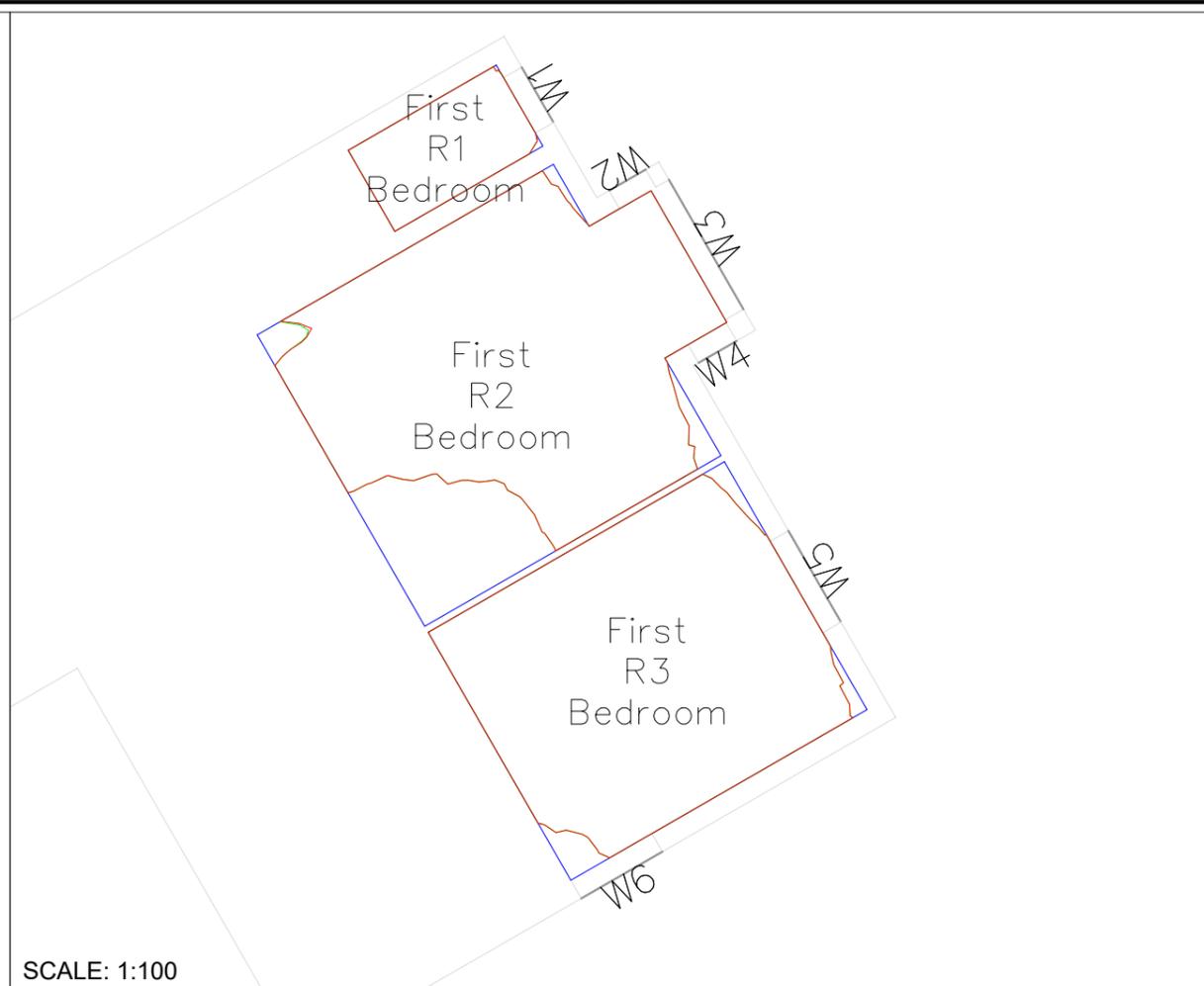
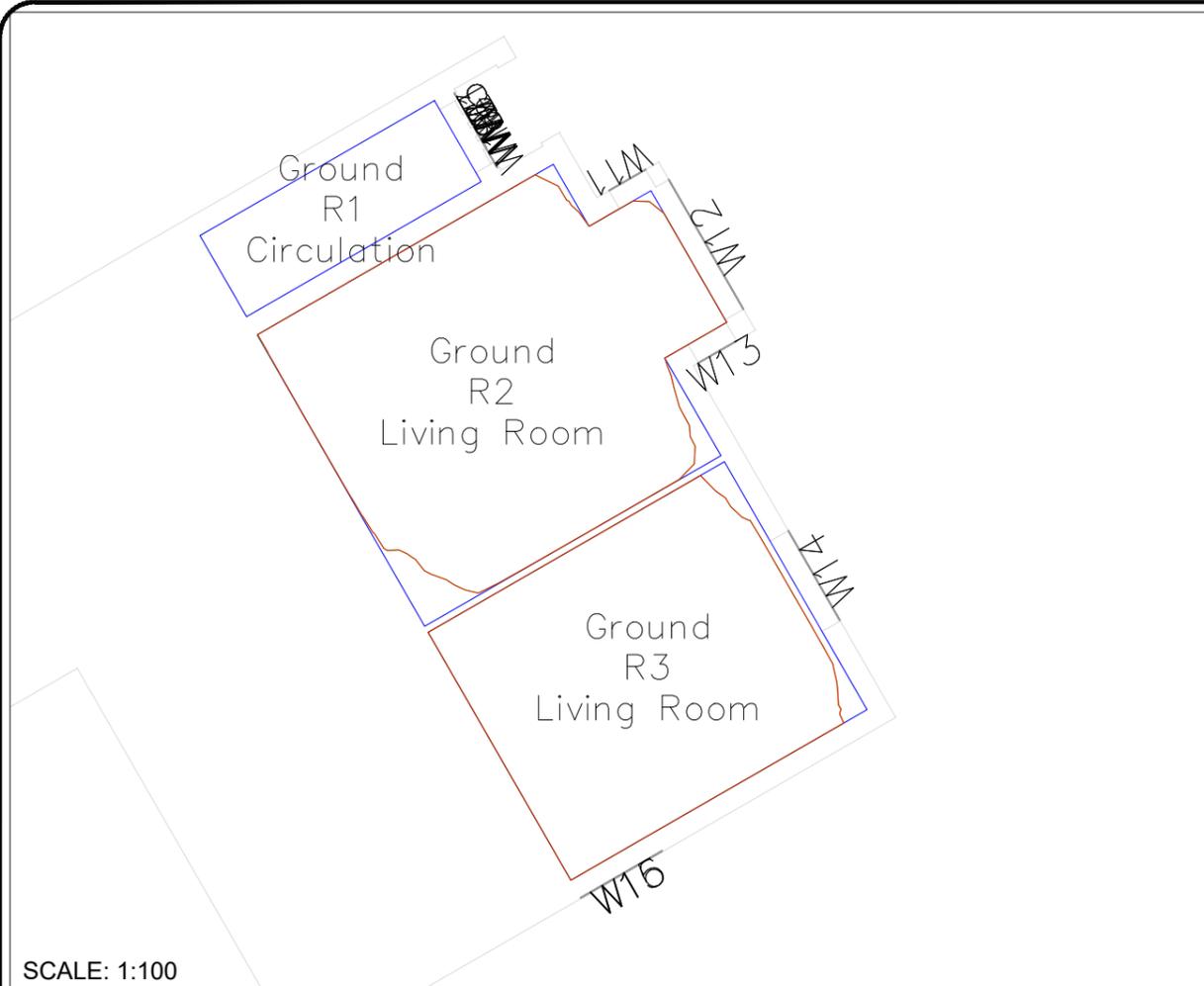
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PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 MILLENNIUM VIEW  
 DAYLIGHT DISTRIBUTION CONTOURS

JOB NO: 200	RELEASE: 04-01	DRG NO: 127
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL





SOURCES OF INFORMATION:

3D CONTEXT MODEL  
ACCUCITIES MODEL  
004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG

ROOM AREA  
 EXISTING LIT AREA  
 PROPOSED LIT AREA  
 LOSS / GAIN AREA

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PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
1 FITZHAMON EMBANKMENT  
DAYLIGHT DISTRIBUTION CONTOURS

JOB NO: 200	RELEASE: 04-01	DRG NO: 128
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL

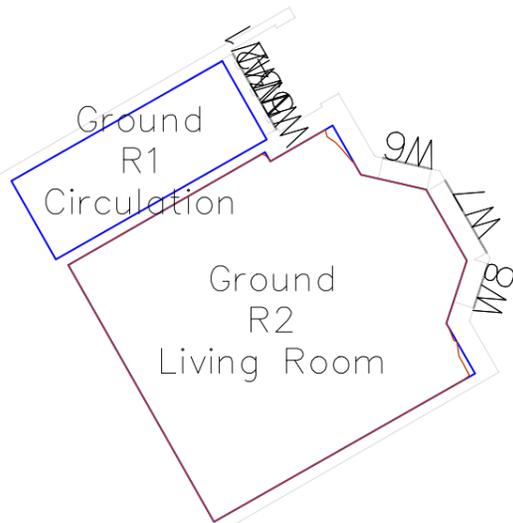


SOURCES OF INFORMATION:

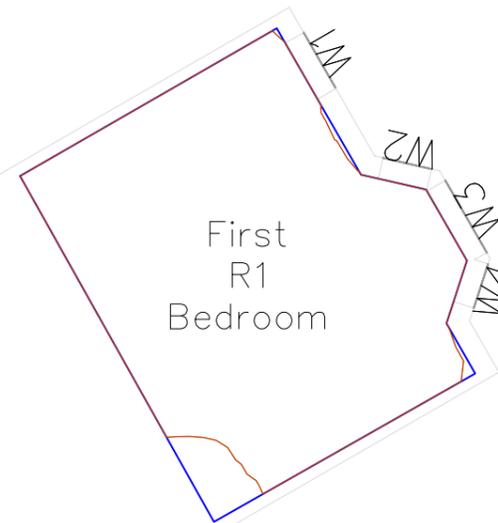
3D CONTEXT MODEL  
 ACCUCITIES MODEL  
 004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

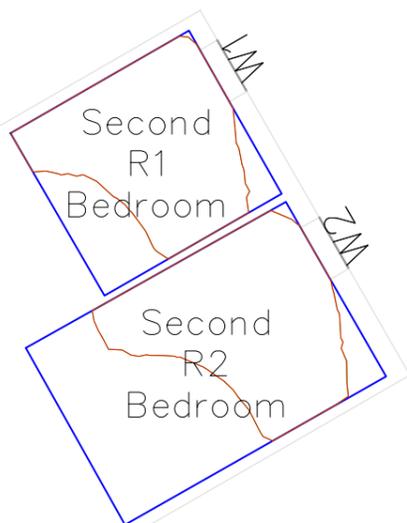
SCHEME  
 06159\_MODEL\_250709.DWG



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- ROOM AREA
- EXISTING LIT AREA
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- LOSS / GAIN AREA



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PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 3 FITZHAMON EMBANKMENT  
 DAYLIGHT DISTRIBUTION CONTOURS

JOB NO: 200	RELEASE: 04-01	DRG NO: 129
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL

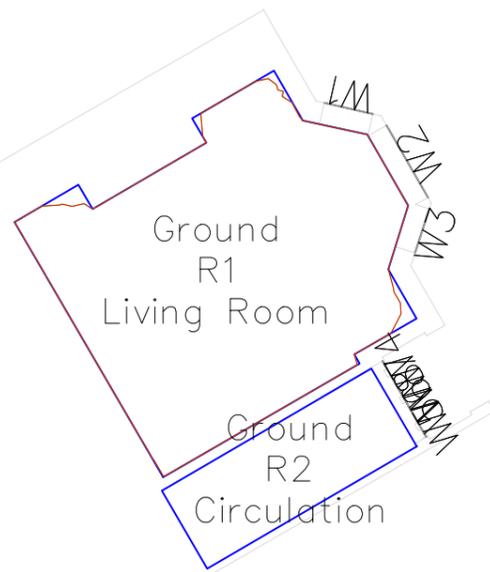


SOURCES OF INFORMATION:

3D CONTEXT MODEL  
ACCUCITIES MODEL  
004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

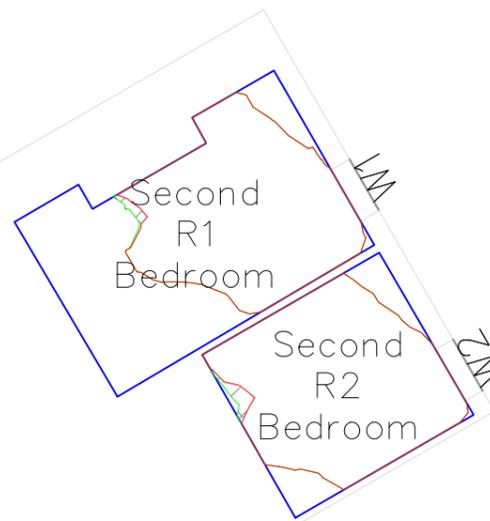
SCHEME  
06159\_MODEL\_250709.DWG



SCALE: 1:100



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- ROOM AREA
- EXISTING LIT AREA
- PROPOSED LIT AREA
- LOSS / GAIN AREA



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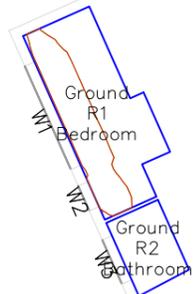
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PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

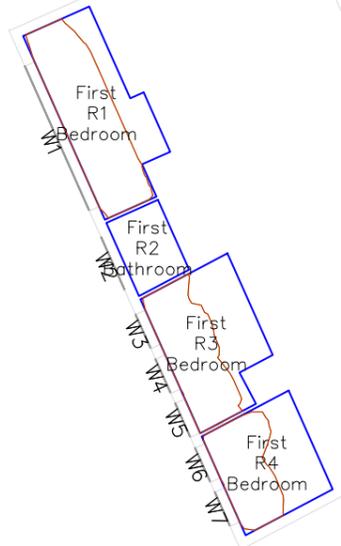
TITLE:  
5 FITZHAMON EMBANKMENT  
DAYLIGHT DISTRIBUTION CONTOURS

JOB NO: 200	RELEASE: 04-01	DRG NO: 130
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL

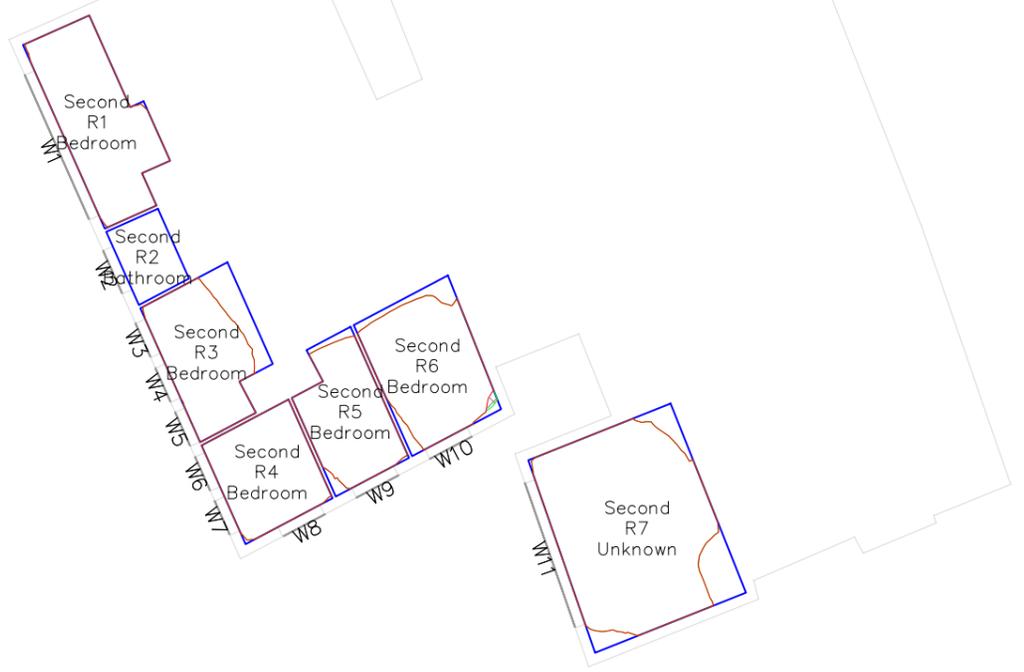




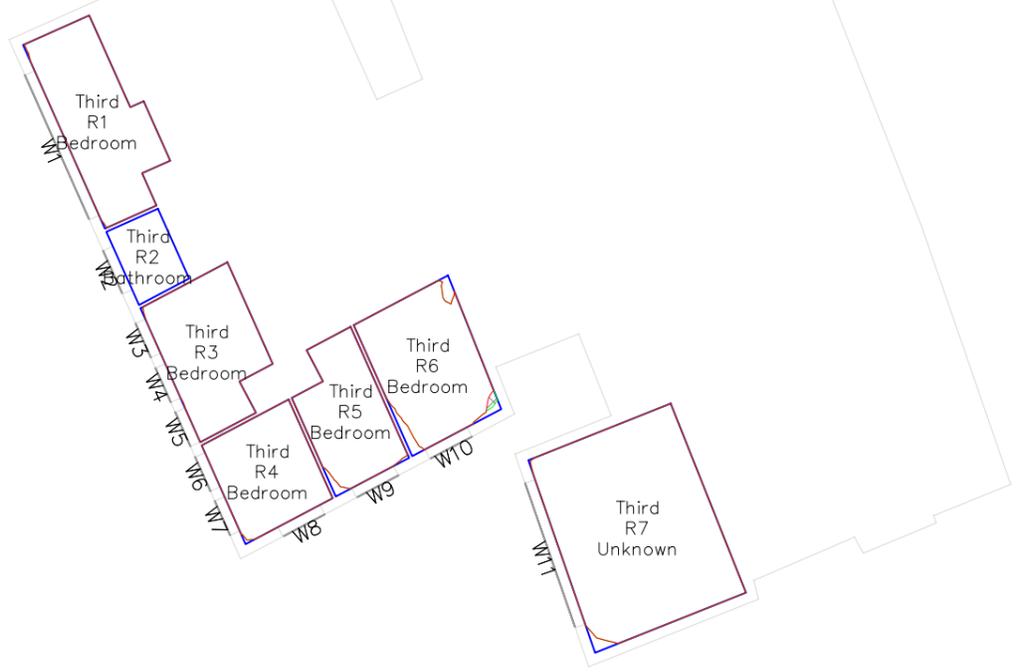
SCALE: 1:200



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SOURCES OF INFORMATION:  
 3D CONTEXT MODEL  
 ACCUCITIES MODEL  
 004746\_CARDIFF\_HD\_MASTER.DWG  
 MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG  
 SCHEME  
 06159\_MODEL\_250709.DWG

■ ROOM AREA  
■ EXISTING LIT AREA  
■ PROPOSED LIT AREA  
□ LOSS / GAIN AREA

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PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

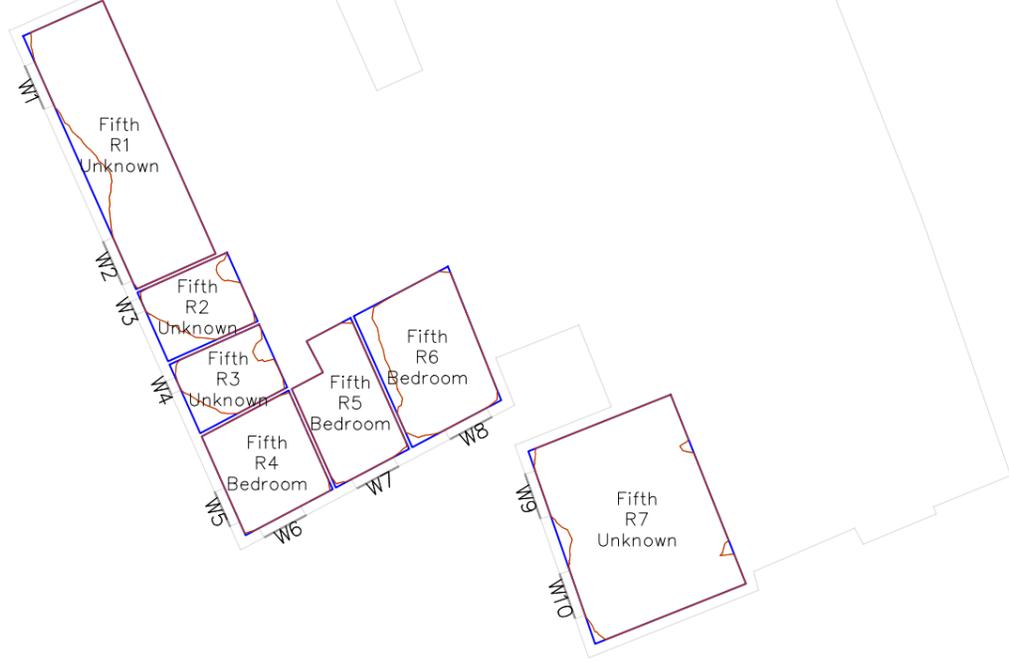
TITLE:  
**WESTMINSTER HOUSE**  
 DAYLIGHT DISTRIBUTION CONTOURS

JOB NO: 200	RELEASE: 04-01	DRG NO: 131
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL





SCALE: 1:200



SCALE: 1:200

SOURCES OF INFORMATION:

3D CONTEXT MODEL  
 ACCUCITIES MODEL  
 004746\_CARDIFF\_HD\_MASTER.DWG  
 MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG  
 SCHEME  
 06159\_MODEL\_250709.DWG

- ROOM AREA
- EXISTING LIT AREA
- PROPOSED LIT AREA
- LOSS / GAIN AREA



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REV: DESCRIPTION: BY: DATE:

PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 WESTMINSTER HOUSE  
 DAYLIGHT DISTRIBUTION CONTOURS

JOB NO: 200	RELEASE: 04-01	DRG NO: 132
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL



## VSC & APSH Results – Alternate Scenario

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight & Sunlight Analysis - VSC & APSH - Alternate Scenario  
 Date of Analysis: 19/07/2025

Floor Ref.	Room Ref.	Layout Info	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria					
<b>Interchange Central Square</b>																													
Second	R1	Residential	LKD	W1	Existing Proposed	23.15 23.15	1.00	YES	337°N	23.15 23.15	1.00	YES	*North	*North	*North	*North													
	R2	Residential	Bedroom	W2	Existing Proposed	19.53 19.53	1.00	YES	337°N	19.53 19.53	1.00	YES	*North	*North	*North	*North				*North	*North		*North	*North					
	R3	Residential	Bedroom	W3	Existing Proposed	19.26 19.26	1.00	YES	337°N	19.26 19.26	1.00	YES	*North	*North	*North	*North				*North	*North		*North	*North					
	R4	Residential	LKD	W4	Existing Proposed	22.47 22.47	1.00	YES	337°N	22.47 22.47	1.00	YES	*North	*North	*North	*North				*North	*North		*North	*North					
	R5	Residential	LKD	W5	Existing Proposed	22.84 22.47	0.98	YES	325°N					*North	*North	*North	*North				*North	*North		*North	*North				
				W6	Existing Proposed	22.76 22.25	0.98	YES	314°N						*North	*North	*North	*North				*North	*North		*North	*North			
				W7	Existing Proposed	22.70 22.07	0.97	YES	303°N							*North	*North	*North	*North				*North	*North		*North	*North		
				W8	Existing Proposed	22.68 21.99	0.97	YES	292°N							*North	*North	*North	*North				*North	*North		*North	*North		
				W9	Existing Proposed	22.84 22.01	0.96	YES	280°N							*North	*North	*North	*North				*North	*North		*North	*North		
	R6	Residential	Bedroom	W10	Existing Proposed	17.61 16.71	0.95	YES	267°	22.77 22.16	0.97	YES	26.00 25.00	0.96	YES	4.00 4.00	1.00	YES				*North	*North		*North	*North			
	R7	Residential	LKD	W11	Existing Proposed	16.98 16.02	0.94	YES	267°	17.61 16.71	0.95	YES	24.00 25.00	1.04	YES	3.00 3.00	1.00	YES				26.00 25.00	0.96	YES	4.00 4.00	1.00	YES		
				W12	Existing Proposed	14.38 13.40	0.93	YES	267°	14.98 14.01	0.94	YES	15.00 15.00	1.00	YES	0.00 0.00	1.00	YES				24.00 25.00	1.04	YES	3.00 3.00	1.00	YES		
Third	R1	Residential	LKD	W1	Existing Proposed	24.55 24.55	1.00	YES	337°N	24.55 24.55	1.00	YES	*North	*North	*North	*North													
R2	Residential	Bedroom	W2	Existing Proposed	20.80 20.80	1.00	YES	337°N	20.80 20.80	1.00	YES	*North	*North	*North	*North				*North	*North		*North	*North						
R3	Residential	Bedroom	W3	Existing Proposed	20.53 20.53	1.00	YES	337°N	20.53 20.53	1.00	YES	*North	*North	*North	*North				*North	*North		*North	*North						
R4	Residential	LKD	W4	Existing Proposed	23.89 23.89	1.00	YES	337°N	23.89 23.89	1.00	YES	*North	*North	*North	*North				*North	*North		*North	*North						
R5	Residential	LKD	W5	Existing Proposed	24.21 23.82	0.98	YES	325°N						*North	*North	*North	*North				*North	*North		*North	*North				
			W6	Existing Proposed	24.07 23.55	0.98	YES	314°N							*North	*North	*North	*North				*North	*North		*North	*North			
			W7	Existing Proposed	23.98 23.32	0.97	YES	303°N							*North	*North	*North	*North				*North	*North		*North	*North			
			W8	Existing Proposed	23.96 23.24	0.97	YES	292°N							*North	*North	*North	*North				*North	*North		*North	*North			
			W9	Existing Proposed	24.14 23.27	0.96	YES	280°N							*North	*North	*North	*North				*North	*North		*North	*North			

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight & Sunlight Analysis - VSC & APSH - Alternate Scenario  
 Date of Analysis: 19/07/2025

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	R6		Residential	Bedroom	W10	Existing 18.87 Proposed 17.93	0.95	YES	267°	24.08 23.45	0.97	YES	26.00 25.00	0.96	YES	4.00 4.00	1.00	YES	*North	*North		*North	*North	
	R7		Residential	LKD	W11	Existing 18.33 Proposed 17.34	0.95	YES	267°	18.87 17.93	0.95	YES	24.00 25.00	1.04	YES	3.00 3.00	1.00	YES	26.00 25.00	0.96	YES	4.00 4.00	1.00	YES
					W12	Existing 15.72 Proposed 14.71	0.94	YES	267°	16.35 15.35	0.94	YES	15.00 15.00	1.00	YES	0.00 0.00	1.00	YES	24.00 25.00	1.04	YES	3.00 3.00	1.00	YES
Fourth	R1		Residential	LKD	W1	Existing 26.03 Proposed 26.03	1.00	YES	337°N				*North	*North	*North	*North				*North	*North		*North	*North
	R2		Residential	Bedroom	W2	Existing 22.14 Proposed 22.14	1.00	YES	337°N	26.03 26.03	1.00	YES								*North	*North		*North	*North
	R3		Residential	Bedroom	W3	Existing 21.87 Proposed 21.87	1.00	YES	337°N	22.14 22.14	1.00	YES								*North	*North		*North	*North
	R4		Residential	LKD	W4	Existing 25.39 Proposed 25.39	1.00	YES	337°N	21.87 21.87	1.00	YES								*North	*North		*North	*North
	R5		Residential	LKD	W5	Existing 25.64 Proposed 25.24	0.98	YES	325°N	25.39 25.39	1.00	YES								*North	*North		*North	*North
					W6	Existing 25.45 Proposed 24.90	0.98	YES	314°N				*North	*North	*North	*North				*North	*North		*North	*North
					W7	Existing 25.32 Proposed 24.63	0.97	YES	303°N				*North	*North	*North	*North				*North	*North		*North	*North
					W8	Existing 25.29 Proposed 24.53	0.97	YES	292°N				*North	*North	*North	*North				*North	*North		*North	*North
					W9	Existing 25.50 Proposed 24.59	0.96	YES	280°N				*North	*North	*North	*North				*North	*North		*North	*North
	R6		Residential	Bedroom	W10	Existing 20.21 Proposed 19.23	0.95	YES	267°	25.45 24.79	0.97	YES	29.00 28.00	0.97	YES	5.00 5.00	1.00	YES	29.00 28.00	0.97	YES	5.00 5.00	1.00	YES
	R7		Residential	LKD	W11	Existing 19.78 Proposed 18.75	0.95	YES	267°	20.21 19.23	0.95	YES	25.00 26.00	1.04	YES	3.00 3.00	1.00	YES	29.00 28.00	0.97	YES	5.00 5.00	1.00	YES
					W12	Existing 17.04 Proposed 15.99	0.94	YES	267°				17.00 17.00	1.00	YES	0.00 0.00	1.00	YES	26.00 26.00	1.00	YES	3.00 3.00	1.00	YES
	R8		Residential	Bedroom	W13	Existing 19.73 Proposed 18.61	0.94	YES	267°	17.70 16.66	0.94	YES	14.00 13.00	0.93	YES	0.00 0.00	1.00	YES	26.00 26.00	1.00	YES	3.00 3.00	1.00	YES
	R9		Residential	LKD	W14	Existing 22.44 Proposed 21.30	0.95	YES	267°	19.73 18.61	0.94	YES	23.00 23.00	1.00	YES	3.00 3.00	1.00	YES	14.00 13.00	0.93	YES	0.00 0.00	1.00	YES
					W15	Existing 22.21 Proposed 21.04	0.95	YES	267°				22.00 22.00	1.00	YES	3.00 3.00	1.00	YES	23.00 23.00	1.00	YES	3.00 3.00	1.00	YES
	R10		Residential	Bedroom	W16	Existing 18.73 Proposed 17.62	0.94	YES	267°	22.32 21.17	0.95	YES	10.00 10.00	1.00	YES	0.00 0.00	1.00	YES	23.00 23.00	1.00	YES	3.00 3.00	1.00	YES
	R11		Residential	LKD	W17	Existing 20.84 Proposed 19.72	0.95	YES	267°	18.73 17.62	0.94	YES	20.00 20.00	1.00	YES	3.00 3.00	1.00	YES	10.00 10.00	1.00	YES	0.00 0.00	1.00	YES
					W18	Existing 20.26	0.94	YES	267°				20.00	1.00	YES	3.00	1.00	YES	20.00	1.00	YES	0.00	1.00	YES

Project Name: Central Square, Cardiff  
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 Date of Analysis: 19/07/2025

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						Proposed 19.13				20.55 19.43	0.95	YES	20.00			3.00			20.00 20.00	1.00	YES	3.00 3.00	1.00	YES
Fifth	R1	Residential	LKD		W1	Existing 27.56 Proposed 27.56	1.00	YES	337°N	27.56 27.56	1.00	YES		*North	*North									
	R2	Residential	Bedroom		W2	Existing 23.52 Proposed 23.52	1.00	YES	337°N	23.52 23.52	1.00	YES		*North	*North				*North		*North			
	R3	Residential	Bedroom		W3	Existing 23.26 Proposed 23.26	1.00	YES	337°N	23.26 23.26	1.00	YES		*North	*North				*North		*North			
	R4	Residential	LKD		W4	Existing 26.95 Proposed 26.95	1.00	YES	337°N	26.95 26.95	1.00	YES		*North	*North				*North		*North			
	R5	Residential	LKD		W5	Existing 27.11 Proposed 26.69	0.98	YES	325°N					*North	*North				*North		*North			
					W6	Existing 26.85 Proposed 26.28	0.98	YES	314°N					*North	*North				*North		*North			
					W7	Existing 26.68 Proposed 25.97	0.97	YES	303°N					*North	*North				*North		*North			
					W8	Existing 26.65 Proposed 25.86	0.97	YES	292°N					*North	*North				*North		*North			
					W9	Existing 26.88 Proposed 25.94	0.97	YES	280°N					*North	*North				*North		*North			
	R6	Residential	Bedroom		W10	Existing 21.60 Proposed 20.58	0.95	YES	267°	26.84 26.16	0.97	YES	33.00 32.00	0.97	YES	8.00 8.00	1.00	YES	*North		*North		*North	
	R7	Residential	LKD		W11	Existing 21.30 Proposed 20.22	0.95	YES	267°	21.60 20.58	0.95	YES	29.00 30.00	1.03	YES	6.00 6.00	1.00	YES	33.00 32.00	0.97	YES	8.00 8.00	1.00	YES
					W12	Existing 18.44 Proposed 17.36	0.94	YES	267°				19.00 19.00	1.00	YES	1.00 1.00	1.00	YES						
	R8	Residential	Bedroom		W13	Existing 21.24 Proposed 20.07	0.94	YES	267°	19.13 18.05	0.94	YES	17.00 16.00	0.94	YES	1.00 1.00	1.00	YES	30.00 30.00	1.00	YES	6.00 6.00	1.00	YES
	R9	Residential	LKD		W14	Existing 24.32 Proposed 23.13	0.95	YES	267°				21.24 20.07	0.94	YES				17.00 16.00	0.94	YES	1.00 1.00	1.00	YES
					W15	Existing 24.13 Proposed 22.90	0.95	YES	267°				26.00 26.00 27.00 27.00	1.00	YES	4.00 4.00 4.00 4.00	1.00	YES						
	R10	Residential	Bedroom		W16	Existing 20.41 Proposed 19.23	0.94	YES	267°	24.22 23.01	0.95	YES	14.00 14.00	1.00	YES	0.00 0.00	1.00	YES	27.00 27.00	1.00	YES	4.00 4.00	1.00	YES
	R11	Residential	LKD		W17	Existing 22.99 Proposed 21.80	0.95	YES	267°	20.41 19.23	0.94	YES	23.00 23.00	1.00	YES	3.00 3.00	1.00	YES	14.00 14.00	1.00	YES	0.00 0.00	1.00	YES
					W18	Existing 22.51 Proposed 21.32	0.95	YES	267°				22.00 22.00	1.00	YES	3.00 3.00	1.00	YES						
						22.75 21.56	0.95	YES					22.00			3.00			23.00 23.00	1.00	YES	3.00 3.00	1.00	YES
Sixth	R1	Residential	LKD		W1	Existing 29.12 Proposed 29.12	1.00	YES	337°N	29.12 29.12	1.00	YES		*North	*North									
	R2	Residential	Bedroom		W2	Existing 24.92 Proposed 24.92	1.00	YES	337°N					*North	*North				*North		*North			



Project Name: Central Square, Cardiff  
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 Date of Analysis: 19/07/2025

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	R5	Residential	LKD		W5	Existing 30.04 Proposed 29.58	0.98	YES	325°N	30.03				*North	*North	*North	*North		*North	*North		*North	*North	
					W6	Existing 29.67 Proposed 29.05	0.98	YES	314°N					*North	*North	*North	*North							
					W7	Existing 29.44 Proposed 28.67	0.97	YES	303°N					*North	*North	*North	*North							
					W8	Existing 29.40 Proposed 28.54	0.97	YES	292°N					*North	*North	*North	*North							
					W9	Existing 29.65 Proposed 28.63	0.97	YES	280°N					*North	*North	*North	*North							
										29.65 28.91	0.98	YES												
	R6	Residential	Bedroom		W10	Existing 24.42 Proposed 23.31	0.95	YES	267°				35.00 34.00	0.97	YES	10.00 10.00	1.00	YES		*North	*North		*North	*North
										24.42 23.31	0.95	YES							35.00 34.00	0.97	YES	10.00 10.00	1.00	YES
	R7	Residential	LKD		W11	Existing 24.40 Proposed 23.23	0.95	YES	267°				34.00 35.00	1.03	YES	9.00 9.00	1.00	YES						
					W12	Existing 21.35 Proposed 20.17	0.94	YES	267°				23.00 23.00	1.00	YES	3.00 3.00	1.00	YES						
										22.09 20.91	0.95	YES							35.00 35.00	1.00	YES	9.00 9.00	1.00	YES
	R8	Residential	Bedroom		W13	Existing 24.39 Proposed 23.14	0.95	YES	267°				21.00 20.00	0.95	YES	3.00 3.00	1.00	YES						
										24.39 23.14	0.95	YES							21.00 20.00	0.95	YES	3.00 3.00	1.00	YES
	R9	Residential	LKD		W14	Existing 28.24 Proposed 26.96	0.95	YES	267°				31.00 31.00	1.00	YES	7.00 7.00	1.00	YES						
					W15	Existing 28.16 Proposed 26.84	0.95	YES	267°				31.00 31.00	1.00	YES	7.00 7.00	1.00	YES						
										28.20 26.90	0.95	YES							31.00 31.00	1.00	YES	7.00 7.00	1.00	YES
	R10	Residential	Bedroom		W16	Existing 24.01 Proposed 22.71	0.95	YES	267°				20.00 19.00	0.95	YES	3.00 3.00	1.00	YES						
										24.01 22.71	0.95	YES							20.00 19.00	0.95	YES	3.00 3.00	1.00	YES
	R11	Residential	LKD		W17	Existing 27.61 Proposed 26.29	0.95	YES	267°				30.00 30.00	1.00	YES	7.00 7.00	1.00	YES						
					W18	Existing 27.41 Proposed 26.09	0.95	YES	267°				30.00 30.00	1.00	YES	7.00 7.00	1.00	YES						
										27.51 26.19	0.95	YES							30.00 30.00	1.00	YES	7.00 7.00	1.00	YES
Eighth	R1	Residential	LKD		W1	Existing 31.95 Proposed 31.95	1.00	YES	337°N				31.95 31.95	1.00	YES									
										31.95 31.95	1.00	YES												
	R2	Residential	Bedroom		W2	Existing 27.49 Proposed 27.49	1.00	YES	337°N				27.49 27.49	1.00	YES									
										27.49 27.49	1.00	YES												
	R3	Residential	Bedroom		W3	Existing 27.31 Proposed 27.31	1.00	YES	337°N				27.31 27.31	1.00	YES									
										27.31 27.31	1.00	YES												
	R4	Residential	LKD		W4	Existing 31.49 Proposed 31.49	1.00	YES	337°N				31.49 31.49	1.00	YES									
										31.49 31.49	1.00	YES												
	R5	Residential	LKD		W5	Existing 31.47 Proposed 30.99	0.98	YES	325°N					*North	*North	*North	*North							
					W6	Existing 31.07 Proposed 30.42	0.98	YES	314°N					*North	*North	*North	*North							
					W7	Existing 30.81 Proposed 30.00	0.97	YES	303°N					*North	*North	*North	*North							
					W8	Existing 30.74 Proposed 29.84	0.97	YES	292°N					*North	*North	*North	*North							

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					W9	Existing 30.98 Proposed 29.92	0.97	YES	280°N																
	R6		Residential	Bedroom	W10	Existing 25.73 Proposed 24.58	0.96	YES	267°	31.02 30.25	0.98	YES													
	R7		Residential	LKD	W11	Existing 25.85 Proposed 24.63	0.95	YES	267°	25.73 24.58	0.96	YES	37.00 36.00	0.97	YES	11.00 11.00	1.00	YES							
					W12	Existing 22.75 Proposed 21.53	0.95	YES	267°				35.00 36.00	1.03	YES	10.00 10.00	1.00	YES							
	R8		Residential	Bedroom	W13	Existing 25.92 Proposed 24.61	0.95	YES	267°	23.50 22.28	0.95	YES	25.00 25.00	1.00	YES	5.00 5.00	1.00	YES							
	R9		Residential	LKD	W14	Existing 30.06 Proposed 28.73	0.96	YES	267°	25.92 24.61	0.95	YES	22.00 21.00	0.95	YES	4.00 4.00	1.00	YES							
					W15	Existing 30.03 Proposed 28.66	0.95	YES	267°				33.00 33.00	1.00	YES	9.00 9.00	1.00	YES							
	R10		Residential	Bedroom	W16	Existing 25.78 Proposed 24.40	0.95	YES	267°	30.04 28.69	0.96	YES	33.00 33.00	1.00	YES	9.00 9.00	1.00	YES							
	R11		Residential	LKD	W17	Existing 29.80 Proposed 28.41	0.95	YES	267°	25.78 24.40	0.95	YES	21.00 20.00	0.95	YES	4.00 4.00	1.00	YES							
					W18	Existing 29.73 Proposed 28.35	0.95	YES	267°				32.00 32.00	1.00	YES	9.00 9.00	1.00	YES							
										29.77 28.38	0.95	YES	32.00 32.00	1.00	YES	9.00 9.00	1.00	YES							
Ninth	R1		Residential	LKD	W1	Existing 33.24 Proposed 33.24	1.00	YES	337°N																
	R2		Residential	Bedroom	W2	Existing 28.68 Proposed 28.68	1.00	YES	337°N	33.24 33.24	1.00	YES													
	R3		Residential	Bedroom	W3	Existing 28.54 Proposed 28.54	1.00	YES	337°N	28.68 28.68	1.00	YES													
	R4		Residential	LKD	W4	Existing 32.88 Proposed 32.88	1.00	YES	337°N	28.54 28.54	1.00	YES													
	R5		Residential	LKD	W5	Existing 32.86 Proposed 32.37	0.99	YES	325°N	32.88 32.88	1.00	YES													
					W6	Existing 32.41 Proposed 31.73	0.98	YES	314°N																
					W7	Existing 32.08 Proposed 31.24	0.97	YES	303°N																
					W8	Existing 31.94 Proposed 31.01	0.97	YES	292°N																
					W9	Existing 32.10 Proposed 31.00	0.97	YES	280°N																
	R6		Residential	Bedroom	W10	Existing 26.77 Proposed 25.56	0.95	YES	267°	32.29 31.48	0.97	YES	38.00 37.00	0.97	YES	12.00 12.00	1.00	YES							
	R7		Residential	LKD	W11	Existing 26.97	0.95	YES	267°	26.77 25.56	0.95	YES	37.00	1.03	YES	12.00	1.00	YES							

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					W12	Proposed 25.70 Existing 23.81 Proposed 22.55	0.95	YES	267*				38.00 27.00 27.00	1.00	YES	12.00 7.00 7.00	1.00	YES							
	R8	Residential	Bedroom		W13	Existing 27.10 Proposed 25.74	0.95	YES	267*	24.57 23.31	0.95	YES	24.00 23.00	0.96	YES	6.00 6.00	1.00	YES	38.00 38.00	1.00	YES	12.00 12.00	1.00	YES	
	R9	Residential	LKD		W14	Existing 31.46 Proposed 30.08	0.96	YES	267*				35.00 35.00	1.00	YES	11.00 11.00	1.00	YES	24.00 23.00	0.96	YES	6.00 6.00	1.00	YES	
					W15	Existing 31.49 Proposed 30.06	0.95	YES	267*				35.00 35.00	1.00	YES	11.00 11.00	1.00	YES							
	R10	Residential	Bedroom		W16	Existing 27.19 Proposed 25.75	0.95	YES	267*	31.48 30.07	0.96	YES	23.00 22.00	0.96	YES	6.00 6.00	1.00	YES	35.00 35.00	1.00	YES	11.00 11.00	1.00	YES	
	R11	Residential	LKD		W17	Existing 31.52 Proposed 30.06	0.95	YES	267*				34.00 34.00	1.00	YES	11.00 11.00	1.00	YES	23.00 22.00	0.96	YES	6.00 6.00	1.00	YES	
					W18	Existing 31.55 Proposed 30.10	0.95	YES	267*				35.00 34.00	0.97	YES	11.00 11.00	1.00	YES	35.00 34.00	0.97	YES	11.00 11.00	1.00	YES	
	Tenth				W1	Existing 34.41 Proposed 34.41	1.00	YES	337°N																
	R1	Residential	LKD		W1	Existing 34.41 Proposed 34.41	1.00	YES	337°N	34.41 34.41	1.00	YES													
	R2	Residential	Bedroom		W2	Existing 29.75 Proposed 29.75	1.00	YES	337°N																
	R3	Residential	Bedroom		W3	Existing 29.63 Proposed 29.63	1.00	YES	337°N	29.75 29.75	1.00	YES													
	R4	Residential	LKD		W4	Existing 34.14 Proposed 34.14	1.00	YES	337°N	29.63 29.63	1.00	YES													
	R5	Residential	LKD		W5	Existing 34.15 Proposed 33.64	0.99	YES	325°N	34.14 34.14	1.00	YES													
					W6	Existing 33.65 Proposed 32.95	0.98	YES	314°N																
					W7	Existing 33.24 Proposed 32.36	0.97	YES	303°N																
					W8	Existing 33.00 Proposed 32.02	0.97	YES	292°N																
					W9	Existing 33.03 Proposed 31.88	0.97	YES	280°N																
	R6	Residential	Bedroom		W10	Existing 27.42 Proposed 26.17	0.95	YES	267*	33.42 32.58	0.97	YES	38.00 37.00	0.97	YES	12.00 12.00	1.00	YES							
	R7	Residential	LKD		W11	Existing 27.62 Proposed 26.31	0.95	YES	267*	27.42 26.17	0.95	YES	37.00 38.00	1.03	YES	12.00 12.00	1.00	YES	38.00 37.00	0.97	YES	12.00 12.00	1.00	YES	
					W12	Existing 24.39 Proposed 23.08	0.95	YES	267*				28.00 27.00	0.96	YES	7.00 7.00	1.00	YES	39.00 38.00	0.97	YES	12.00 12.00	1.00	YES	
	R8	Residential	Bedroom		W13	Existing 27.76 Proposed 26.36	0.95	YES	267*	25.17 23.86	0.95	YES	24.00 23.00	0.96	YES	6.00 6.00	1.00	YES	24.00 23.00	0.96	YES	6.00 6.00	1.00	YES	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight & Sunlight Analysis - VSC & APSH - Alternate Scenario  
 Date of Analysis: 19/07/2025

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	R9	Residential	LKD		W14	Existing 32.19 Proposed 30.76	0.96	YES	267*				35.00 35.00 35.00	1.00	YES	11.00 11.00 11.00	1.00	YES							
					W15	Existing 32.22 Proposed 30.73	0.95	YES	267*	32.21 30.74	0.95	YES							35.00 35.00	1.00	YES	11.00 11.00	1.00	YES	
	R10	Residential	Bedroom		W16	Existing 27.86 Proposed 26.36	0.95	YES	267*				23.00 22.00	0.96	YES	6.00 6.00	1.00	YES				11.00 11.00	1.00	YES	
										27.86 26.36	0.95	YES							23.00 22.00	0.96	YES	6.00 6.00	1.00	YES	
	R11	Residential	LKD		W17	Existing 32.27 Proposed 30.76	0.95	YES	267*				35.00 35.00	1.00	YES	11.00 11.00	1.00	YES							
					W18	Existing 32.31 Proposed 30.80	0.95	YES	267*				36.00 35.00	0.97	YES	11.00 11.00	1.00	YES							
										32.29 30.78	0.95	YES							36.00 35.00	0.97	YES	11.00 11.00	1.00	YES	
Eleventh	R1	Residential	LKD		W1	Existing 35.14 Proposed 35.14	1.00	YES	337°N																
										35.14 35.14	1.00	YES													
	R2	Residential	Bedroom		W2	Existing 30.36 Proposed 30.36	1.00	YES	337°N																
										30.36 30.36	1.00	YES													
	R3	Residential	Bedroom		W3	Existing 30.26 Proposed 30.26	1.00	YES	337°N																
										30.26 30.26	1.00	YES													
	R4	Residential	LKD		W4	Existing 34.93 Proposed 34.93	1.00	YES	337°N																
										34.93 34.93	1.00	YES													
	R5	Residential	LKD		W5	Existing 35.02 Proposed 34.49	0.98	YES	325°N																
					W6	Existing 34.53 Proposed 33.80	0.98	YES	314°N																
					W7	Existing 34.10 Proposed 33.19	0.97	YES	303°N																
					W8	Existing 33.82 Proposed 32.81	0.97	YES	292°N																
					W9	Existing 33.79 Proposed 32.59	0.96	YES	280°N																
										34.26 33.39	0.97	YES													
	R6	Residential	Bedroom		W10	Existing 27.97 Proposed 26.67	0.95	YES	267*				38.00 37.00	0.97	YES	12.00 12.00	1.00	YES							
										27.97 26.67	0.95	YES							38.00 37.00	0.97	YES	12.00 12.00	1.00	YES	
	R7	Residential	LKD		W11	Existing 28.16 Proposed 26.79	0.95	YES	267*				38.00 38.00	1.00	YES	12.00 12.00	1.00	YES							
					W12	Existing 25.07 Proposed 23.70	0.95	YES	267*				28.00 27.00	0.96	YES	7.00 7.00	1.00	YES							
										25.82 24.45	0.95	YES							39.00 38.00	0.97	YES	12.00 12.00	1.00	YES	
	R8	Residential	Bedroom		W13	Existing 28.37 Proposed 26.91	0.95	YES	267*				25.00 24.00	0.96	YES	6.00 6.00	1.00	YES							
										28.37 26.91	0.95	YES							25.00 24.00	0.96	YES	6.00 6.00	1.00	YES	
	R9	Residential	LKD		W14	Existing 32.79 Proposed 31.30	0.95	YES	267*				36.00 36.00	1.00	YES	11.00 11.00	1.00	YES							
					W15	Existing 32.81 Proposed 31.27	0.95	YES	267*				36.00 36.00	1.00	YES	11.00 11.00	1.00	YES							
										32.80 31.28	0.95	YES							36.00 36.00	1.00	YES	11.00 11.00	1.00	YES	
	R10	Residential	Bedroom		W16	Existing 28.44 Proposed 26.88	0.95	YES	267*				24.00 23.00	0.96	YES	6.00 6.00	1.00	YES							
										28.44	0.95	YES							24.00			6.00			

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight & Sunlight Analysis - VSC & APSH - Alternate Scenario  
 Date of Analysis: 19/07/2025

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	R11		Residential	LKD	W17	Existing 32.85 Proposed 31.28	0.95	YES	267°	26.88			36.00 35.00	0.97	YES	11.00 11.00	1.00	YES	23.00	0.96	YES	6.00	1.00	YES
					W18	Existing 32.88 Proposed 31.32	0.95	YES	267°				36.00 35.00	0.97	YES	11.00 11.00	1.00	YES						
										32.86 31.30	0.95	YES							36.00 35.00	0.97	YES	11.00 11.00	1.00	YES
Twelfth	R1		Residential	LKD	W1	Existing 35.66 Proposed 35.66	1.00	YES	337°N				*North	*North		*North	*North							
	R2		Residential	Bedroom	W2	Existing 30.75 Proposed 30.75	1.00	YES	337°N	35.66 35.66	1.00	YES				*North	*North			*North	*North			
	R3		Residential	Bedroom	W3	Existing 30.66 Proposed 30.66	1.00	YES	337°N	30.75 30.75	1.00	YES				*North	*North			*North	*North			
	R4		Residential	LKD	W4	Existing 35.48 Proposed 35.48	1.00	YES	337°N	30.66 30.66	1.00	YES				*North	*North			*North	*North			
	R5		Residential	LKD	W5	Existing 35.66 Proposed 35.12	0.98	YES	325°N	35.48 35.48	1.00	YES				*North	*North			*North	*North			
					W6	Existing 35.22 Proposed 34.47	0.98	YES	314°N							*North	*North			*North	*North			
					W7	Existing 34.81 Proposed 33.87	0.97	YES	303°N							*North	*North			*North	*North			
					W8	Existing 34.53 Proposed 33.47	0.97	YES	292°N							*North	*North			*North	*North			
					W9	Existing 34.46 Proposed 33.22	0.96	YES	280°N							*North	*North			*North	*North			
	R6		Residential	Bedroom	W10	Existing 28.48 Proposed 27.13	0.95	YES	267°	34.94 34.04	0.97	YES				*North	*North			*North	*North			
	R7		Residential	LKD	W11	Existing 28.65 Proposed 27.23	0.95	YES	267°	28.48 27.13	0.95	YES	38.00 37.00	0.97	YES	12.00 12.00	1.00	YES	38.00 37.00	0.97	YES	12.00 12.00	1.00	YES
					W12	Existing 28.50 Proposed 27.08	0.95	YES	267°				39.00 38.00	0.97	YES	12.00 12.00	1.00	YES	42.00 41.00	0.98	YES	14.00 14.00	1.00	YES
										28.54 27.12	0.95	YES							43.00 42.00	0.98	YES	14.00 14.00	1.00	YES
Thirteenth	R1		Residential	LKD	W1	Existing 36.09 Proposed 36.09	1.00	YES	337°N				*North	*North		*North	*North							
	R2		Residential	Bedroom	W2	Existing 31.06 Proposed 31.06	1.00	YES	337°N	36.09 36.09	1.00	YES				*North	*North			*North	*North			
	R3		Residential	Bedroom	W3	Existing 30.99 Proposed 30.99	1.00	YES	337°N	31.06 31.06	1.00	YES				*North	*North			*North	*North			
	R4		Residential	LKD	W4	Existing 35.95 Proposed 35.95	1.00	YES	337°N	30.99 30.99	1.00	YES				*North	*North			*North	*North			
	R5		Residential	LKD	W5	Existing 36.22 Proposed 35.66	0.98	YES	325°N	35.95 35.95	1.00	YES				*North	*North			*North	*North			
					W6	Existing 35.81 Proposed 35.03	0.98	YES	314°N							*North	*North			*North	*North			
					W7	Existing 35.41 Proposed 34.43	0.97	YES	303°N							*North	*North			*North	*North			





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 Report Title: Daylight & Sunlight Analysis - VSC & APSH - Alternate Scenario  
 Date of Analysis: 19/07/2025

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	R2		Residential	Bedroom	W2	Existing 31.56 Proposed 31.56	1.00	YES	337°N	31.56 31.56	1.00	YES													
	R3		Residential	Bedroom	W3	Existing 31.51 Proposed 31.51	1.00	YES	337°N	31.51 31.51	1.00	YES													
	R4		Residential	LKD	W4	Existing 36.87 Proposed 36.87	1.00	YES	337°N	36.87 36.87	1.00	YES													
	R5		Residential	LKD	W5	Existing 37.48 Proposed 36.83	0.98	YES	325°N																
					W6	Existing 37.21 Proposed 36.32	0.98	YES	314°N																
					W7	Existing 36.89 Proposed 35.77	0.97	YES	303°N																
					W8	Existing 36.63 Proposed 35.35	0.97	YES	292°N																
					W9	Existing 36.50 Proposed 35.02	0.96	YES	280°N																
										36.95 35.87	0.97	YES													
	R6		Residential	Bedroom	W10	Existing 30.15 Proposed 28.54	0.95	YES	267°				42.00 38.00	0.90	YES	12.00 12.00	1.00	YES							
					W11	Existing 30.27 Proposed 28.59	0.94	YES	267°				41.00 39.00	0.95	YES	12.00 12.00	1.00	YES							
										30.21 28.57	0.95	YES							42.00 39.00	0.93	YES	12.00 12.00	1.00	YES	
	R7		Residential	Bedroom	W12	Existing 30.00 Proposed 28.31	0.94	YES	267°				43.00 41.00	0.95	YES	14.00 14.00	1.00	YES							
										30.00 28.31	0.94	YES							43.00 41.00	0.95	YES	14.00 14.00	1.00	YES	
Eighteenth	R1		Residential	LKD	W1	Existing 37.03 Proposed 37.03	1.00	YES	337°N	37.03 37.03	1.00	YES													
	R2		Residential	Bedroom	W2	Existing 31.64 Proposed 31.64	1.00	YES	337°N	31.64 31.64	1.00	YES													
	R3		Residential	Bedroom	W3	Existing 31.60 Proposed 31.60	1.00	YES	337°N	31.60 31.60	1.00	YES													
	R4		Residential	LKD	W4	Existing 36.97 Proposed 36.97	1.00	YES	337°N	36.97 36.97	1.00	YES													
	R5		Residential	LKD	W5	Existing 37.65 Proposed 36.98	0.98	YES	325°N																
					W6	Existing 37.41 Proposed 36.49	0.98	YES	314°N																
					W7	Existing 37.11 Proposed 35.95	0.97	YES	303°N																
					W8	Existing 36.87 Proposed 35.54	0.96	YES	292°N																
					W9	Existing 36.73 Proposed 35.21	0.96	YES	280°N																
										37.16 36.04	0.97	YES													
	R6		Residential	Bedroom	W10	Existing 30.36 Proposed 28.70	0.95	YES	267°				42.00 38.00	0.90	YES	12.00 12.00	1.00	YES							
					W11	Existing 30.49 Proposed 28.75	0.94	YES	267°				42.00 39.00	0.93	YES	12.00 12.00	1.00	YES							
										30.43	0.94	YES							42.00			12.00			







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	R10		Residential	LKD	W12	Existing 32.83 Proposed 32.13	0.98	YES	16°N	31.53										*North	*North		*North	*North	
	R11		Residential	LKD	W13	Existing 33.07 Proposed 32.37	0.98	YES	16°N	32.83 32.13	0.98	YES								*North	*North		*North	*North	
	R12		Residential	Bedroom	W14	Existing 33.23 Proposed 32.51	0.98	YES	16°N	33.07 32.37	0.98	YES								*North	*North		*North	*North	
	R13		Residential	Studio	W15	Existing 18.53 Proposed 17.84	0.96	YES	16°N	33.23 32.51	0.98	YES								*North	*North		*North	*North	
	R14		Residential	Bedroom	W16	Existing 29.54 Proposed 28.85	0.98	YES	16°N	18.53 17.84	0.96	YES								*North	*North		*North	*North	
	R15		Residential	LKD	W17	Existing 20.53 Proposed 19.84	0.97	YES	16°N	29.54 28.85	0.98	YES								*North	*North		*North	*North	
	R16		Residential	Bedroom	W18	Existing 32.30 Proposed 31.62	0.98	YES	16°N	20.53 19.84	0.97	YES								*North	*North		*North	*North	
	R17		Residential	LKD	W19	Existing 33.89 Proposed 33.24	0.98	YES	16°N	32.30 31.62	0.98	YES								*North	*North		*North	*North	
					W20	Existing 22.68 Proposed 22.68	1.00	YES	106°				11.00 11.00	*North	*North	0.00 0.00	*North	*North							
	R18		Residential	Bedroom	W21	Existing 32.13 Proposed 32.13	1.00	YES	106°	28.29 27.96	0.99	YES								38.00 38.00	1.00	YES	14.00 14.00	1.00	YES
										32.13 32.13	1.00	YES							49.00 49.00	1.00	YES	14.00 14.00	1.00	YES	
Second	R1		Residential	Bedroom	W1	Existing 36.59 Proposed 36.08	0.99	YES	320°N											*North	*North		*North	*North	
	R2		Residential	LKD	W2	Existing 36.50 Proposed 35.99	0.99	YES	320°N	36.59 36.08	0.99	YES									*North	*North		*North	*North
					W3	Existing 33.07 Proposed 32.44	0.98	YES	50°N											*North	*North		*North	*North	
	R3		Residential	Bedroom	W4	Existing 31.50 Proposed 30.91	0.98	YES	50°N	35.18 34.62	0.98	YES									*North	*North		*North	*North
	R4		Residential	Studio	W5	Existing 30.93 Proposed 30.36	0.98	YES	50°N	31.50 30.91	0.98	YES									*North	*North		*North	*North
					W6	Existing 31.81 Proposed 31.23	0.98	YES	50°N												*North	*North		*North	*North
	R5		Residential	Bedroom	W7	Existing 32.06 Proposed 31.49	0.98	YES	50°N	31.17 30.60	0.98	YES									*North	*North		*North	*North
	R6		Residential	LKD	W8	Existing 27.97 Proposed 27.24	0.97	YES	16°N	32.06 31.49	0.98	YES									*North	*North		*North	*North
										27.97 27.24	0.97	YES								*North	*North		*North	*North	

Project Name: Central Square, Cardiff  
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	R7		Residential	LKD	W9	Existing 31.50 Proposed 30.78	0.98	YES	16°N	31.50 30.78	0.98	YES	*North	*North	*North	*North									
	R8		Residential	Bedroom	W10	Existing 32.33 Proposed 31.60	0.98	YES	16°N	32.33 31.60	0.98	YES	*North	*North	*North	*North				*North	*North		*North	*North	
	R9		Residential	Bedroom	W11	Existing 33.10 Proposed 32.36	0.98	YES	16°N	33.10 32.36	0.98	YES	*North	*North	*North	*North				*North	*North		*North	*North	
	R10		Residential	LKD	W12	Existing 33.66 Proposed 32.94	0.98	YES	16°N	33.66 32.94	0.98	YES	*North	*North	*North	*North				*North	*North		*North	*North	
	R11		Residential	LKD	W13	Existing 33.88 Proposed 33.16	0.98	YES	16°N	33.88 33.16	0.98	YES	*North	*North	*North	*North				*North	*North		*North	*North	
	R12		Residential	Bedroom	W14	Existing 34.08 Proposed 33.37	0.98	YES	16°N	34.08 33.37	0.98	YES	*North	*North	*North	*North				*North	*North		*North	*North	
	R13		Residential	Studio	W15	Existing 30.11 Proposed 29.41	0.98	YES	16°N	30.11 29.41	0.98	YES	*North	*North	*North	*North				*North	*North		*North	*North	
	R14		Residential	Bedroom	W16	Existing 32.80 Proposed 32.10	0.98	YES	16°N	32.80 32.10	0.98	YES	*North	*North	*North	*North				*North	*North		*North	*North	
	R15		Residential	LKD	W17	Existing 32.69 Proposed 31.98	0.98	YES	16°N	32.69 31.98	0.98	YES	*North	*North	*North	*North				*North	*North		*North	*North	
	R16		Residential	Bedroom	W18	Existing 33.79 Proposed 33.10	0.98	YES	16°N	33.79 33.10	0.98	YES	*North	*North	*North	*North				*North	*North		*North	*North	
	R17		Residential	LKD	W19	Existing 34.49 Proposed 33.83	0.98	YES	16°N				11.00	*North	*North	0.00	*North	*North							
					W20	Existing 33.78 Proposed 33.78	1.00	YES	106°				11.00 49.00	1.00	YES	0.00 12.00	1.00	YES							
	R18		Residential	Bedroom	W21	Existing 33.62 Proposed 33.62	1.00	YES	106°	34.14 33.81	0.99	YES	50.00 50.00	1.00	YES	15.00 15.00	1.00	YES	49.00 49.00	1.00	YES	12.00 12.00	1.00	YES	
Third	R1		Residential	Bedroom	W1	Existing 36.96 Proposed 36.44	0.99	YES	320°N	36.96 36.44	0.99	YES	*North	*North	*North	*North									
	R2		Residential	LKD	W2	Existing 36.88 Proposed 36.35	0.99	YES	320°N				*North	*North	*North	*North				*North	*North		*North	*North	
					W3	Existing 34.13 Proposed 33.50	0.98	YES	50°N				*North	*North	*North	*North				*North	*North		*North	*North	
	R3		Residential	Bedroom	W4	Existing 20.94 Proposed 20.35	0.97	YES	50°N	35.82 35.25	0.98	YES	*North	*North	*North	*North				*North	*North		*North	*North	
	R4		Residential	Studio	W5	Existing 20.18 Proposed 19.60	0.97	YES	50°N	20.94 20.35	0.97	YES	*North	*North	*North	*North				*North	*North		*North	*North	
					W6	Existing 31.12	0.98	YES	50°N				*North	*North	*North	*North				*North	*North		*North	*North	

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						Proposed 30.54				23.16 22.58	0.97	YES													
	R5		Residential	Bedroom	W7	Existing 32.47 Proposed 31.89	0.98	YES	50°N	32.47 31.89	0.98	YES		*North	*North					*North	*North		*North	*North	
	R6		Residential	LKD	W8	Existing 28.46 Proposed 27.73	0.97	YES	16°N	28.46 27.73	0.97	YES		*North	*North					*North	*North		*North	*North	
	R7		Residential	LKD	W9	Existing 32.00 Proposed 31.27	0.98	YES	16°N	32.00 31.27	0.98	YES		*North	*North					*North	*North		*North	*North	
	R8		Residential	Bedroom	W10	Existing 32.86 Proposed 32.13	0.98	YES	16°N	32.86 32.13	0.98	YES		*North	*North					*North	*North		*North	*North	
	R9		Residential	Bedroom	W11	Existing 33.56 Proposed 32.81	0.98	YES	16°N	33.56 32.81	0.98	YES		*North	*North					*North	*North		*North	*North	
	R10		Residential	LKD	W12	Existing 34.04 Proposed 33.31	0.98	YES	16°N	34.04 33.31	0.98	YES		*North	*North					*North	*North		*North	*North	
	R11		Residential	LKD	W13	Existing 34.26 Proposed 33.53	0.98	YES	16°N	34.26 33.53	0.98	YES		*North	*North					*North	*North		*North	*North	
	R12		Residential	Bedroom	W14	Existing 34.48 Proposed 33.76	0.98	YES	16°N	34.48 33.76	0.98	YES		*North	*North					*North	*North		*North	*North	
	R13		Residential	Studio	W15	Existing 19.68 Proposed 18.98	0.96	YES	16°N	19.68 18.98	0.96	YES		*North	*North					*North	*North		*North	*North	
	R14		Residential	Bedroom	W16	Existing 30.69 Proposed 29.99	0.98	YES	16°N	30.69 29.99	0.98	YES		*North	*North					*North	*North		*North	*North	
	R15		Residential	LKD	W17	Existing 21.64 Proposed 20.92	0.97	YES	16°N	21.64 20.92	0.97	YES		*North	*North					*North	*North		*North	*North	
	R16		Residential	Bedroom	W18	Existing 33.39 Proposed 32.70	0.98	YES	16°N	33.39 32.70	0.98	YES		*North	*North					*North	*North		*North	*North	
	R17		Residential	LKD	W19	Existing 34.97 Proposed 34.31	0.98	YES	16°N	34.97 34.31	0.98	YES	11.00	*North	*North	0.00	*North	*North		*North	*North		*North	*North	
					W20	Existing 23.20 Proposed 23.20	1.00	YES	106°	23.20 23.20	1.00	YES	11.00 37.00 37.00	1.00	YES	0.00 13.00 13.00	1.00	YES		37.00 37.00	1.00	YES	13.00 13.00	1.00	YES
	R18		Residential	Bedroom	W21	Existing 33.13 Proposed 33.13	1.00	YES	106°	29.09 28.76	0.99	YES	50.00 50.00	1.00	YES	15.00 15.00	1.00	YES		37.00 50.00	1.00	YES	13.00 15.00	1.00	YES
Fourth	R1		Residential	Bedroom	W1	Existing 37.28 Proposed 36.75	0.99	YES	320°N	37.28 36.75	0.99	YES		*North	*North					*North	*North		*North	*North	
	R2		Residential	LKD	W2	Existing 37.19 Proposed 36.66	0.99	YES	320°N	37.19 36.66	0.99	YES		*North	*North					*North	*North		*North	*North	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight & Sunlight Analysis - VSC & APSH - Alternate Scenario  
 Date of Analysis: 19/07/2025

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					W3	Existing 34.55 Proposed 33.91	0.98	YES	50°N																
	R3		Residential	Bedroom	W4	Existing 32.76 Proposed 32.15	0.98	YES	50°N	36.17 35.60	0.98	YES													
	R4		Residential	Studio	W5	Existing 32.02 Proposed 31.43	0.98	YES	50°N	32.76 32.15	0.98	YES													
					W6	Existing 32.82 Proposed 32.23	0.98	YES	50°N																
	R5		Residential	Bedroom	W7	Existing 33.00 Proposed 32.41	0.98	YES	50°N	32.24 31.65	0.98	YES													
	R6		Residential	LKD	W8	Existing 30.27 Proposed 29.53	0.98	YES	16°N	33.00 32.41	0.98	YES													
	R7		Residential	LKD	W9	Existing 32.55 Proposed 31.80	0.98	YES	16°N	30.27 29.53	0.98	YES													
	R8		Residential	Bedroom	W10	Existing 33.28 Proposed 32.54	0.98	YES	16°N	32.55 31.80	0.98	YES													
	R9		Residential	Bedroom	W11	Existing 33.95 Proposed 33.18	0.98	YES	16°N	33.28 32.54	0.98	YES													
	R10		Residential	LKD	W12	Existing 34.39 Proposed 33.65	0.98	YES	16°N	33.95 33.18	0.98	YES													
	R11		Residential	LKD	W13	Existing 34.61 Proposed 33.88	0.98	YES	16°N	34.39 33.65	0.98	YES													
	R12		Residential	Bedroom	W14	Existing 34.83 Proposed 34.09	0.98	YES	16°N	34.61 33.88	0.98	YES													
	R13		Residential	Studio	W15	Existing 30.84 Proposed 30.12	0.98	YES	16°N	34.83 34.09	0.98	YES													
	R14		Residential	Bedroom	W16	Existing 33.58 Proposed 32.86	0.98	YES	16°N	30.84 30.12	0.98	YES													
	R15		Residential	LKD	W17	Existing 33.50 Proposed 32.78	0.98	YES	16°N	33.58 32.86	0.98	YES													
	R16		Residential	Bedroom	W18	Existing 34.61 Proposed 33.91	0.98	YES	16°N	33.50 32.78	0.98	YES													
	R17		Residential	LKD	W19	Existing 35.36 Proposed 34.68	0.98	YES	16°N	34.61 33.91	0.98	YES	12.00 12.00	*North	*North	0.00 0.00	*North	*North							
					W20	Existing 34.74 Proposed 34.74	1.00	YES	106°				52.00 52.00	1.00	YES	14.00 14.00	1.00	YES							
										35.05	0.99	YES							52.00			14.00			





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 Date of Analysis: 19/07/2025

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	R13		Residential	Studio	W15	Existing 31.48 Proposed 30.75	0.98	YES	16°N	34.73				*North	*North		*North	*North		*North	*North		*North	*North
	R14		Residential	Bedroom	W16	Existing 34.23 Proposed 33.50	0.98	YES	16°N	31.48 30.75	0.98	YES		*North	*North		*North	*North		*North	*North		*North	*North
	R15		Residential	LKD	W17	Existing 34.18 Proposed 33.45	0.98	YES	16°N	34.23 33.50	0.98	YES		*North	*North		*North	*North		*North	*North		*North	*North
	R16		Residential	Bedroom	W18	Existing 35.27 Proposed 34.55	0.98	YES	16°N	34.18 33.45	0.98	YES		*North	*North		*North	*North		*North	*North		*North	*North
	R17		Residential	LKD	W19	Existing 36.03 Proposed 35.34	0.98	YES	16°N	35.27 34.55	0.98	YES	12.00	*North	*North	0.00	*North	*North		*North	*North		*North	*North
					W20	Existing 35.59 Proposed 35.59	1.00	YES	106°				12.00 52.00	1.00	YES	0.00 14.00	1.00	YES						
	R18		Residential	Bedroom	W21	Existing 35.43 Proposed 35.43	1.00	YES	106°	35.81 35.46	0.99	YES	52.00 52.00	1.00	YES	14.00 14.00	1.00	YES	52.00 52.00	1.00	YES	14.00 14.00	1.00	YES
										35.43 35.43	1.00	YES	53.00 53.00	1.00	YES	17.00 17.00	1.00	YES	53.00 53.00	1.00	YES	17.00 17.00	1.00	YES
Seventh	R1		Residential	Bedroom	W1	Existing 37.99 Proposed 37.44	0.99	YES	320°N					*North	*North		*North	*North		*North	*North		*North	*North
	R2		Residential	LKD	W2	Existing 37.92 Proposed 37.37	0.99	YES	320°N	37.99 37.44	0.99	YES		*North	*North		*North	*North		*North	*North		*North	*North
					W3	Existing 35.54 Proposed 34.87	0.98	YES	50°N					*North	*North		*North	*North		*North	*North		*North	*North
	R3		Residential	Bedroom	W4	Existing 22.24 Proposed 21.61	0.97	YES	50°N	37.00 36.41	0.98	YES		*North	*North		*North	*North		*North	*North		*North	*North
	R4		Residential	Studio	W5	Existing 21.47 Proposed 20.86	0.97	YES	50°N	22.24 21.61	0.97	YES		*North	*North		*North	*North		*North	*North		*North	*North
					W6	Existing 32.38 Proposed 31.77	0.98	YES	50°N					*North	*North		*North	*North		*North	*North		*North	*North
	R5		Residential	Bedroom	W7	Existing 33.70 Proposed 33.10	0.98	YES	50°N	24.44 23.83	0.98	YES		*North	*North		*North	*North		*North	*North		*North	*North
	R6		Residential	LKD	W8	Existing 29.65 Proposed 28.89	0.97	YES	16°N	33.70 33.10	0.98	YES		*North	*North		*North	*North		*North	*North		*North	*North
	R7		Residential	LKD	W9	Existing 33.25 Proposed 32.49	0.98	YES	16°N	29.65 28.89	0.97	YES		*North	*North		*North	*North		*North	*North		*North	*North
	R8		Residential	Bedroom	W10	Existing 34.12 Proposed 33.36	0.98	YES	16°N	33.25 32.49	0.98	YES		*North	*North		*North	*North		*North	*North		*North	*North
	R9		Residential	Bedroom	W11	Existing 34.85 Proposed 34.06	0.98	YES	16°N	34.12 33.36	0.98	YES		*North	*North		*North	*North		*North	*North		*North	*North
										34.85 34.06	0.98	YES		*North	*North		*North	*North		*North	*North		*North	*North

Project Name: Central Square, Cardiff  
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 Date of Analysis: 19/07/2025

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	R10		Residential	LKD	W12	Existing 35.35 Proposed 34.58	0.98	YES	16°N	35.35 34.58	0.98	YES	*North	*North		*North	*North										
	R11		Residential	LKD	W13	Existing 35.57 Proposed 34.81	0.98	YES	16°N	35.57 34.81	0.98	YES	*North	*North		*North	*North				*North	*North		*North	*North		
	R12		Residential	Bedroom	W14	Existing 35.80 Proposed 35.05	0.98	YES	16°N	35.80 35.05	0.98	YES	*North	*North		*North	*North				*North	*North		*North	*North		
	R13		Residential	Studio	W15	Existing 20.99 Proposed 20.26	0.97	YES	16°N	20.99 20.26	0.97	YES	*North	*North		*North	*North				*North	*North		*North	*North		
	R14		Residential	Bedroom	W16	Existing 31.99 Proposed 31.26	0.98	YES	16°N	31.99 31.26	0.98	YES	*North	*North		*North	*North				*North	*North		*North	*North		
	R15		Residential	LKD	W17	Existing 23.00 Proposed 22.26	0.97	YES	16°N	23.00 22.26	0.97	YES	*North	*North		*North	*North				*North	*North		*North	*North		
	R16		Residential	Bedroom	W18	Existing 34.71 Proposed 33.99	0.98	YES	16°N	34.71 33.99	0.98	YES	*North	*North		*North	*North				*North	*North		*North	*North		
	R17		Residential	LKD	W19	Existing 36.33 Proposed 35.64	0.98	YES	16°N	36.33 35.64	0.98	YES	12.00 12.00	*North	*North	0.00 0.00	*North	*North									
					W20	Existing 24.67 Proposed 24.67	1.00	YES	106°	24.67 24.67	1.00	YES	39.00 39.00	1.00	YES	14.00 14.00	1.00	YES									
	R18		Residential	Bedroom	W21	Existing 34.86 Proposed 34.86	1.00	YES	106°	30.50 30.16 34.86 34.86	0.99 1.00	YES YES	53.00 53.00	1.00	YES	17.00 17.00	1.00	YES	39.00 39.00	1.00	YES	14.00 14.00	1.00	YES	53.00 53.00	1.00	YES
Eighth	R1		Residential	Bedroom	W1	Existing 38.14 Proposed 37.60	0.99	YES	320°N	38.14 37.60	0.99	YES	*North	*North		*North	*North										
	R2		Residential	LKD	W2	Existing 38.08 Proposed 37.53	0.99	YES	320°N	38.08 37.53	0.99	YES	*North	*North		*North	*North				*North	*North		*North	*North		
					W3	Existing 35.90 Proposed 35.23	0.98	YES	50°N	35.90 35.23	0.98	YES	*North	*North		*North	*North										
	R3		Residential	Bedroom	W4	Existing 34.06 Proposed 33.43	0.98	YES	50°N	37.24 36.65 34.06 33.43	0.98	YES	*North	*North		*North	*North				*North	*North		*North	*North		
	R4		Residential	Studio	W5	Existing 33.29 Proposed 32.67	0.98	YES	50°N	33.29 32.67	0.98	YES	*North	*North		*North	*North				*North	*North		*North	*North		
					W6	Existing 34.04 Proposed 33.43	0.98	YES	50°N	34.04 33.43	0.98	YES	*North	*North		*North	*North										
	R5		Residential	Bedroom	W7	Existing 34.19 Proposed 33.57	0.98	YES	50°N	33.49 32.88 34.19 33.57	0.98	YES	*North	*North		*North	*North				*North	*North		*North	*North		
	R6		Residential	LKD	W8	Existing 31.52 Proposed 30.74	0.98	YES	16°N	31.52 30.74	0.98	YES	*North	*North		*North	*North				*North	*North		*North	*North		
	R7		Residential	LKD	W9	Existing 33.80	0.98	YES	16°N	33.80	0.98	YES	*North	*North		*North	*North				*North	*North		*North	*North		

Project Name: Central Square, Cardiff  
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						Proposed 33.03				33.80 33.03	0.98	YES													
	R8		Residential	Bedroom	W10	Existing 34.55 Proposed 33.78	0.98	YES	16°N	34.55 33.78	0.98	YES		*North	*North					*North	*North		*North	*North	
	R9		Residential	Bedroom	W11	Existing 35.24 Proposed 34.44	0.98	YES	16°N	35.24 34.44	0.98	YES		*North	*North					*North	*North		*North	*North	
	R10		Residential	LKD	W12	Existing 35.71 Proposed 34.94	0.98	YES	16°N	35.71 34.94	0.98	YES		*North	*North					*North	*North		*North	*North	
	R11		Residential	LKD	W13	Existing 35.93 Proposed 35.17	0.98	YES	16°N	35.93 35.17	0.98	YES		*North	*North					*North	*North		*North	*North	
	R12		Residential	Bedroom	W14	Existing 36.16 Proposed 35.39	0.98	YES	16°N	36.16 35.39	0.98	YES		*North	*North					*North	*North		*North	*North	
	R13		Residential	Studio	W15	Existing 32.08 Proposed 31.33	0.98	YES	16°N	32.08 31.33	0.98	YES		*North	*North					*North	*North		*North	*North	
	R14		Residential	Bedroom	W16	Existing 34.77 Proposed 34.02	0.98	YES	16°N	34.77 34.02	0.98	YES		*North	*North					*North	*North		*North	*North	
	R15		Residential	LKD	W17	Existing 34.80 Proposed 34.05	0.98	YES	16°N	34.80 34.05	0.98	YES		*North	*North					*North	*North		*North	*North	
	R16		Residential	Bedroom	W18	Existing 35.84 Proposed 35.11	0.98	YES	16°N	35.84 35.11	0.98	YES		*North	*North					*North	*North		*North	*North	
	R17		Residential	LKD	W19	Existing 36.64 Proposed 35.95	0.98	YES	16°N				12.00 12.00	*North	*North	0.00 0.00	*North	*North							
					W20	Existing 36.24 Proposed 36.24	1.00	YES	106°				53.00 53.00	1.00	YES	14.00 14.00	1.00	YES							
	R18		Residential	Bedroom	W21	Existing 36.12 Proposed 36.12	1.00	YES	106°	36.44 36.09	0.99	YES								53.00 53.00	1.00	YES	14.00 14.00	1.00	YES
										36.12 36.12	1.00	YES								54.00 54.00	1.00	YES	17.00 17.00	1.00	YES
Ninth	R1		Residential	Bedroom	W1	Existing 38.30 Proposed 37.74	0.99	YES	320°N					*North	*North										
	R2		Residential	LKD	W2	Existing 38.24 Proposed 37.69	0.99	YES	320°N	38.30 37.74	0.99	YES		*North	*North									*North	*North
					W3	Existing 36.11 Proposed 35.43	0.98	YES	50°N					*North	*North									*North	*North
	R3		Residential	Bedroom	W4	Existing 22.78 Proposed 22.14	0.97	YES	50°N	37.42 36.82	0.98	YES		*North	*North									*North	*North
	R4		Residential	Studio	W5	Existing 22.03 Proposed 21.41	0.97	YES	50°N	22.78 22.14	0.97	YES		*North	*North									*North	*North
					W6	Existing 32.93 Proposed 32.32	0.98	YES	50°N					*North	*North									*North	*North

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	R5	Residential	Bedroom	W7	Existing Proposed	34.23 33.61	0.98	YES	50°N	25.00 24.38	0.98	YES		*North	*North	*North	*North		*North	*North	*North	*North			
	R6	Residential	LKD	W8	Existing Proposed	31.65 30.86	0.98	YES	16°N	34.23 33.61	0.98	YES		*North	*North	*North	*North		*North	*North	*North	*North			
	R7	Residential	LKD	W9	Existing Proposed	34.06 33.29	0.98	YES	16°N	31.65 30.86	0.98	YES		*North	*North	*North	*North		*North	*North	*North	*North			
	R8	Residential	Bedroom	W10	Existing Proposed	34.83 34.05	0.98	YES	16°N	34.06 33.29	0.98	YES		*North	*North	*North	*North		*North	*North	*North	*North			
	R9	Residential	Bedroom	W11	Existing Proposed	35.53 34.73	0.98	YES	16°N	34.83 34.05	0.98	YES		*North	*North	*North	*North		*North	*North	*North	*North			
	R10	Residential	LKD	W12	Existing Proposed	36.01 35.23	0.98	YES	16°N	35.53 34.73	0.98	YES		*North	*North	*North	*North		*North	*North	*North	*North			
	R11	Residential	LKD	W13	Existing Proposed	36.24 35.47	0.98	YES	16°N	36.01 35.23	0.98	YES		*North	*North	*North	*North		*North	*North	*North	*North			
	R12	Residential	Bedroom	W14	Existing Proposed	36.46 35.68	0.98	YES	16°N	36.24 35.47	0.98	YES		*North	*North	*North	*North		*North	*North	*North	*North			
	R13	Residential	Studio	W15	Existing Proposed	21.40 20.65	0.96	YES	16°N	36.46 35.68	0.98	YES		*North	*North	*North	*North		*North	*North	*North	*North			
	R14	Residential	Bedroom	W16	Existing Proposed	32.04 31.30	0.98	YES	16°N	21.40 20.65	0.96	YES		*North	*North	*North	*North		*North	*North	*North	*North			
	R15	Residential	LKD	W17	Existing Proposed	23.55 22.80	0.97	YES	16°N	32.04 31.30	0.98	YES		*North	*North	*North	*North		*North	*North	*North	*North			
	R16	Residential	Bedroom	W18	Existing Proposed	35.01 34.28	0.98	YES	16°N	23.55 22.80	0.97	YES		*North	*North	*North	*North		*North	*North	*North	*North			
	R17	Residential	LKD	W19	Existing Proposed	36.95 36.25	0.98	YES	16°N	35.01 34.28	0.98	YES	12.00 12.00	*North	*North	0.00 0.00	*North	*North		*North	*North	*North	*North		
				W20	Existing Proposed	25.06 25.06	1.00	YES	106°				40.00 40.00	1.00	YES	14.00 14.00	1.00	YES		40.00 40.00	1.00	YES	14.00 14.00	1.00	YES
	R18	Residential	Bedroom	W21	Existing Proposed	35.24 35.24	1.00	YES	106°	31.01 30.66	0.99	YES								40.00 40.00	1.00	YES	14.00 14.00	1.00	YES
										35.24 35.24	1.00	YES							56.00 56.00	1.00	YES	17.00 17.00	1.00	YES	
Tenth	R1	Residential	Bedroom	W1	Existing Proposed	38.45 37.89	0.99	YES	320°N					*North	*North	*North	*North								
	R2	Residential	LKD	W2	Existing Proposed	38.40 37.84	0.99	YES	320°N	38.45 37.89	0.99	YES		*North	*North	*North	*North		*North	*North	*North	*North			
				W3	Existing	36.46	0.98	YES	50°N					*North	*North	*North	*North								

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight & Sunlight Analysis - VSC & APSH - Alternate Scenario  
 Date of Analysis: 19/07/2025

Floor Ref.	Room Ref.	Layout Info	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria
						Proposed 35.78																		
	R3		Residential	Bedroom	W4	Existing 34.61 Proposed 33.97	0.98	YES	50°N	37.65 37.05	0.98	YES		*North	*North					*North	*North		*North	*North
	R4		Residential	Studio	W5	Existing 33.82 Proposed 33.19	0.98	YES	50°N	34.61 33.97	0.98	YES		*North	*North					*North	*North		*North	*North
					W6	Existing 34.55 Proposed 33.93	0.98	YES	50°N					*North	*North					*North	*North		*North	*North
	R5		Residential	Bedroom	W7	Existing 34.67 Proposed 34.05	0.98	YES	50°N	34.02 33.39	0.98	YES		*North	*North					*North	*North		*North	*North
	R6		Residential	LKD	W8	Existing 30.48 Proposed 29.70	0.97	YES	16°N	34.67 34.05	0.98	YES		*North	*North					*North	*North		*North	*North
	R7		Residential	LKD	W9	Existing 34.12 Proposed 33.33	0.98	YES	16°N	30.48 29.70	0.97	YES		*North	*North					*North	*North		*North	*North
	R8		Residential	Bedroom	W10	Existing 34.91 Proposed 34.11	0.98	YES	16°N	34.12 33.33	0.98	YES		*North	*North					*North	*North		*North	*North
	R9		Residential	Bedroom	W11	Existing 35.73 Proposed 34.93	0.98	YES	16°N	34.91 34.11	0.98	YES		*North	*North					*North	*North		*North	*North
	R10		Residential	LKD	W12	Existing 36.25 Proposed 35.47	0.98	YES	16°N	35.73 34.93	0.98	YES		*North	*North					*North	*North		*North	*North
	R11		Residential	LKD	W13	Existing 36.48 Proposed 35.70	0.98	YES	16°N	36.25 35.47	0.98	YES		*North	*North					*North	*North		*North	*North
	R12		Residential	Bedroom	W14	Existing 36.71 Proposed 35.94	0.98	YES	16°N	36.48 35.70	0.98	YES		*North	*North					*North	*North		*North	*North
	R13		Residential	Studio	W15	Existing 21.67 Proposed 20.92	0.97	YES	16°N	36.71 35.94	0.98	YES		*North	*North					*North	*North		*North	*North
	R14		Residential	Bedroom	W16	Existing 32.49 Proposed 31.74	0.98	YES	16°N	21.67 20.92	0.97	YES		*North	*North					*North	*North		*North	*North
	R15		Residential	LKD	W17	Existing 23.83 Proposed 23.07	0.97	YES	16°N	32.49 31.74	0.98	YES		*North	*North					*North	*North		*North	*North
	R16		Residential	Bedroom	W18	Existing 35.38 Proposed 34.64	0.98	YES	16°N	23.83 23.07	0.97	YES		*North	*North					*North	*North		*North	*North
	R17		Residential	LKD	W19	Existing 37.28 Proposed 36.57	0.98	YES	16°N	35.38 34.64	0.98	YES	12.00 12.00	*North	*North	0.00 0.00	*North	*North		*North	*North		*North	*North
					W20	Existing 25.35 Proposed 25.35	1.00	YES	106°				41.00 41.00	1.00	YES	15.00 15.00	1.00	YES		41.00 41.00		15.00 15.00	1.00	YES
										31.32 30.96	0.99	YES							41.00 41.00	1.00	YES	15.00 15.00	1.00	YES

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight & Sunlight Analysis - VSC & APSH - Alternate Scenario  
 Date of Analysis: 19/07/2025

Floor Ref.	Room Ref.	Layout Info	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria	
	R18		Residential	Bedroom	W21	Existing Proposed	35.76 35.76	1.00	YES	106°			57.00 57.00	1.00	YES	17.00 17.00	1.00	YES	57.00 57.00	1.00	YES	17.00 17.00	1.00	YES	
							35.76 35.76				1.00	YES							57.00 57.00	1.00	YES	17.00 17.00	1.00	YES	
Eleventh	R1		Residential	Bedroom	W1	Existing Proposed	38.59 38.03	0.99	YES	320°N				*North	*North										
	R2		Residential	LKD	W2	Existing Proposed	38.55 37.98	0.99	YES	320°N				*North	*North					*North	*North				
					W3	Existing Proposed	36.62 35.93	0.98	YES	50°N				*North	*North										
	R3		Residential	Bedroom	W4	Existing Proposed	23.29 22.64	0.97	YES	50°N			37.81 37.19	0.98	YES					*North	*North				
	R4		Residential	Studio	W5	Existing Proposed	22.52 21.89	0.97	YES	50°N			23.29 22.64	0.97	YES					*North	*North				
					W6	Existing Proposed	33.39 32.76	0.98	YES	50°N			25.48 24.85	0.98	YES					*North	*North				
	R5		Residential	Bedroom	W7	Existing Proposed	34.67 34.04	0.98	YES	50°N			34.67 34.04	0.98	YES					*North	*North				
	R6		Residential	LKD	W8	Existing Proposed	30.69 29.90	0.97	YES	16°N			30.69 29.90	0.97	YES					*North	*North				
	R7		Residential	LKD	W9	Existing Proposed	34.34 33.55	0.98	YES	16°N			34.34 33.55	0.98	YES					*North	*North				
	R8		Residential	Bedroom	W10	Existing Proposed	35.14 34.34	0.98	YES	16°N			35.14 34.34	0.98	YES					*North	*North				
	R9		Residential	Bedroom	W11	Existing Proposed	35.98 35.18	0.98	YES	16°N			35.98 35.18	0.98	YES					*North	*North				
	R10		Residential	LKD	W12	Existing Proposed	36.52 35.73	0.98	YES	16°N			36.52 35.73	0.98	YES					*North	*North				
	R11		Residential	LKD	W13	Existing Proposed	36.75 35.97	0.98	YES	16°N			36.75 35.97	0.98	YES					*North	*North				
	R12		Residential	Bedroom	W14	Existing Proposed	36.98 36.20	0.98	YES	16°N			36.98 36.20	0.98	YES					*North	*North				
	R13		Residential	Studio	W15	Existing Proposed	22.10 21.34	0.97	YES	16°N			22.10 21.34	0.97	YES					*North	*North				
	R14		Residential	Bedroom	W16	Existing Proposed	33.60 32.84	0.98	YES	16°N			33.60 32.84	0.98	YES					*North	*North				
	R15		Residential	LKD	W17	Existing Proposed	24.12 23.36	0.97	YES	16°N			24.12	0.97	YES					*North	*North				



Project Name: Central Square, Cardiff  
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 Report Title: Daylight & Sunlight Analysis - VSC & APSH - Alternate Scenario  
 Date of Analysis: 19/07/2025

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	R13		Residential	Studio	W15	Existing 34.90 Proposed 34.13	0.98	YES	16°N	34.90 34.13	0.98	YES	*North	*North	*North	*North									
	R14		Residential	Bedroom	W16	Existing 37.27 Proposed 36.51	0.98	YES	16°N	37.27 36.51	0.98	YES	*North	*North	*North	*North				*North	*North		*North	*North	
	R15		Residential	LKD	W17	Existing 37.51 Proposed 36.75	0.98	YES	16°N	37.51 36.75	0.98	YES	*North	*North	*North	*North				*North	*North		*North	*North	
	R16		Residential	Bedroom	W18	Existing 37.65 Proposed 36.90	0.98	YES	16°N	37.65 36.90	0.98	YES	*North	*North	*North	*North				*North	*North		*North	*North	
	R17		Residential	LKD	W19	Existing 37.77 Proposed 37.06	0.98	YES	16°N				12.00 12.00	*North	*North	0.00 0.00	*North	*North				*North	*North		
					W20	Existing 38.99 Proposed 38.99	1.00	YES	106°				58.00 58.00	1.00	YES	18.00 18.00	1.00	YES							
	R18		Residential	Bedroom	W21	Existing 38.90 Proposed 38.90	1.00	YES	106°	38.38 38.02	0.99	YES							58.00 58.00	1.00	YES	18.00 18.00	1.00	YES	
										38.90 38.90	1.00	YES							60.00 60.00	1.00	YES	20.00 20.00	1.00	YES	
Thirteenth	R1		Residential	LKD	W2	Existing 38.77 Proposed 38.20	0.99	YES	320°N				*North	*North	*North	*North									
					W3	Existing 36.99 Proposed 36.29	0.98	YES	50°N				*North	*North	*North	*North									
										38.09 37.47	0.98	YES													
	R2		Residential	Bedroom	W4	Existing 23.71 Proposed 23.05	0.97	YES	50°N				*North	*North	*North	*North				*North	*North		*North	*North	
										23.71 23.05	0.97	YES													
	R3		Residential	Studio	W5	Existing 22.79 Proposed 22.15	0.97	YES	50°N				*North	*North	*North	*North				*North	*North		*North	*North	
					W6	Existing 33.50 Proposed 32.87	0.98	YES	50°N				*North	*North	*North	*North				*North	*North		*North	*North	
										25.71 25.07	0.98	YES													
	R4		Residential	Bedroom	W7	Existing 34.87 Proposed 34.24	0.98	YES	50°N				*North	*North	*North	*North				*North	*North		*North	*North	
										34.87 34.24	0.98	YES													
	R5		Residential	LKD	W8	Existing 32.23 Proposed 31.42	0.97	YES	16°N				*North	*North	*North	*North				*North	*North		*North	*North	
										32.23 31.42	0.97	YES													
	R6		Residential	LKD	W9	Existing 34.98 Proposed 34.18	0.98	YES	16°N				*North	*North	*North	*North				*North	*North		*North	*North	
										34.98 34.18	0.98	YES													
	R7		Residential	Bedroom	W10	Existing 35.71 Proposed 34.91	0.98	YES	16°N				*North	*North	*North	*North				*North	*North		*North	*North	
										35.71 34.91	0.98	YES													
	R8		Residential	Bedroom	W11	Existing 36.57 Proposed 35.75	0.98	YES	16°N				*North	*North	*North	*North				*North	*North		*North	*North	
										36.57 35.75	0.98	YES													
	R9		Residential	LKD	W12	Existing 37.08 Proposed 36.28	0.98	YES	16°N				*North	*North	*North	*North				*North	*North		*North	*North	
										37.08 36.28	0.98	YES													
	R10		Residential	LKD	W13	Existing 37.31	0.98	YES	16°N				*North	*North	*North	*North				*North	*North		*North	*North	



Project Name: Central Square, Cardiff  
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 Report Title: Daylight & Sunlight Analysis - VSC & APSH - Alternate Scenario  
 Date of Analysis: 19/07/2025

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	R9		Residential	Bedroom	W11	Existing 36.65 Proposed 35.83	0.98	YES	16°N	36.65 35.83	0.98	YES		*North	*North		*North	*North							
	R10		Residential	LKD	W12	Existing 37.20 Proposed 36.40	0.98	YES	16°N	37.20 36.40	0.98	YES		*North	*North		*North	*North		*North	*North		*North	*North	
	R11		Residential	LKD	W13	Existing 37.55 Proposed 36.75	0.98	YES	16°N	37.55 36.75	0.98	YES		*North	*North		*North	*North		*North	*North		*North	*North	
	R12		Residential	Bedroom	W14	Existing 37.70 Proposed 36.91	0.98	YES	16°N	37.70 36.91	0.98	YES		*North	*North		*North	*North		*North	*North		*North	*North	
Fifteenth	R1		Residential	Bedroom	W1	Existing 38.94 Proposed 38.37	0.99	YES	320°N	38.94 38.37	0.99	YES		*North	*North		*North	*North					*North	*North	
	R2		Residential	LKD	W2	Existing 38.91 Proposed 38.33	0.99	YES	320°N					*North	*North		*North	*North					*North	*North	
					W3	Existing 37.31 Proposed 36.60	0.98	YES	50°N					*North	*North		*North	*North					*North	*North	
	R3		Residential	Bedroom	W4	Existing 24.33 Proposed 23.67	0.97	YES	50°N	38.29 37.66	0.98	YES		*North	*North		*North	*North					*North	*North	
	R4		Residential	Studio	W5	Existing 23.44 Proposed 22.80	0.97	YES	50°N	24.33 23.67	0.97	YES		*North	*North		*North	*North					*North	*North	
					W6	Existing 34.23 Proposed 33.60	0.98	YES	50°N					*North	*North		*North	*North					*North	*North	
	R5		Residential	Bedroom	W7	Existing 35.19 Proposed 34.55	0.98	YES	50°N	27.60 26.96	0.98	YES		*North	*North		*North	*North					*North	*North	
	R6		Residential	LKD	W8	Existing 31.34 Proposed 30.52	0.97	YES	16°N	35.19 34.55	0.98	YES		*North	*North		*North	*North					*North	*North	
	R7		Residential	LKD	W9	Existing 35.04 Proposed 34.22	0.98	YES	16°N	31.34 30.52	0.97	YES		*North	*North		*North	*North					*North	*North	
	R8		Residential	Bedroom	W10	Existing 35.93 Proposed 35.11	0.98	YES	16°N	35.04 34.22	0.98	YES		*North	*North		*North	*North					*North	*North	
	R9		Residential	Bedroom	W11	Existing 36.86 Proposed 36.04	0.98	YES	16°N	35.93 35.11	0.98	YES		*North	*North		*North	*North					*North	*North	
	R10		Residential	LKD	W12	Existing 37.41 Proposed 36.61	0.98	YES	16°N	36.86 36.04	0.98	YES		*North	*North		*North	*North					*North	*North	
	R11		Residential	Bedroom	W13	Existing 37.63 Proposed 36.83	0.98	YES	16°N	37.41 36.61	0.98	YES		*North	*North		*North	*North					*North	*North	
	R12		Residential	LKD	W14	Existing 37.83 Proposed 37.04	0.98	YES	16°N	37.63 36.83	0.98	YES													
					W15	Existing 39.33	1.00	YES	106°				12.00 12.00 58.00	*North *North 1.00	*North *North YES	0.00 0.00 18.00	*North *North 1.00	*North *North YES					*North *North *North	*North *North *North	

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					W16	Proposed 39.33 Existing 39.24 Proposed 39.24	1.00	YES	106°	38.73 38.43	0.99	YES	58.00 58.00 58.00	1.00	YES	18.00 18.00 18.00	1.00	YES	58.00 58.00	1.00	YES	18.00 18.00	1.00	YES
Sixteenth	R1	Residential	Bedroom	W1	Existing 38.98 Proposed 38.41	0.99	YES	320°N	38.98 38.41	0.99	YES		*North	*North	*North	*North				*North	*North		*North	*North
	R2	Residential	LKD	W2	Existing 38.96 Proposed 38.37	0.98	YES	320°N					*North	*North	*North	*North				*North	*North		*North	*North
				W3	Existing 37.42 Proposed 36.71	0.98	YES	50°N					*North	*North	*North	*North				*North	*North		*North	*North
	R3	Residential	Bedroom	W4	Existing 24.43 Proposed 23.76	0.97	YES	50°N	38.37 37.73	0.98	YES		*North	*North	*North	*North				*North	*North		*North	*North
	R4	Residential	Studio	W5	Existing 23.54 Proposed 22.89	0.97	YES	50°N	24.43 23.76	0.97	YES		*North	*North	*North	*North				*North	*North		*North	*North
				W6	Existing 34.35 Proposed 33.72	0.98	YES	50°N					*North	*North	*North	*North				*North	*North		*North	*North
	R5	Residential	Bedroom	W7	Existing 35.31 Proposed 34.67	0.98	YES	50°N	27.71 27.06	0.98	YES		*North	*North	*North	*North				*North	*North		*North	*North
	R6	Residential	LKD	W8	Existing 31.46 Proposed 30.63	0.97	YES	16°N	35.31 34.67	0.98	YES		*North	*North	*North	*North				*North	*North		*North	*North
	R7	Residential	LKD	W9	Existing 35.23 Proposed 34.41	0.98	YES	16°N	31.46 30.63	0.97	YES		*North	*North	*North	*North				*North	*North		*North	*North
	R8	Residential	Bedroom	W10	Existing 36.15 Proposed 35.33	0.98	YES	16°N	35.23 34.41	0.98	YES		*North	*North	*North	*North				*North	*North		*North	*North
	R9	Residential	Bedroom	W11	Existing 37.08 Proposed 36.26	0.98	YES	16°N	36.15 35.33	0.98	YES		*North	*North	*North	*North				*North	*North		*North	*North
	R10	Residential	LKD	W12	Existing 37.61 Proposed 36.81	0.98	YES	16°N	37.08 36.26	0.98	YES		*North	*North	*North	*North				*North	*North		*North	*North
	R11	Residential	Bedroom	W13	Existing 37.81 Proposed 37.01	0.98	YES	16°N	37.61 36.81	0.98	YES		*North	*North	*North	*North				*North	*North		*North	*North
	R12	Residential	LKD	W14	Existing 38.00 Proposed 37.21	0.98	YES	16°N	37.81 37.01	0.98	YES		*North	*North	*North	*North				*North	*North		*North	*North
				W15	Existing 39.35 Proposed 39.35	1.00	YES	106°					12.00 12.00	*North	*North	0.00 0.00	*North	*North						
				W16	Existing 39.26 Proposed 39.26	1.00	YES	106°					58.00 58.00 58.00	1.00	YES	18.00 18.00 18.00	1.00	YES	58.00 58.00	1.00	YES	18.00 18.00	1.00	YES
Seventeenth	R1	Residential	Bedroom	W1	Existing 39.03 Proposed 38.45	0.99	YES	320°N	38.81 38.51	0.99	YES		*North	*North	*North	*North				*North	*North		*North	*North
	R2	Residential	LKD	W2	Existing 39.00 Proposed 38.42	0.99	YES	320°N	39.03 38.45	0.99	YES		*North	*North	*North	*North				*North	*North		*North	*North



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						Proposed 33.91																		
	R5		Residential	Bedroom	W7	Existing 35.51 Proposed 34.87	0.98	YES	50°N	27.87 27.22	0.98	YES		*North	*North					*North	*North		*North	*North
	R6		Residential	LKD	W8	Existing 33.13 Proposed 32.31	0.98	YES	16°N	35.51 34.87	0.98	YES		*North	*North					*North	*North		*North	*North
	R7		Residential	LKD	W9	Existing 36.03 Proposed 35.21	0.98	YES	16°N	33.13 32.31	0.98	YES		*North	*North					*North	*North		*North	*North
	R8		Residential	Bedroom	W10	Existing 36.85 Proposed 36.04	0.98	YES	16°N	36.03 35.21	0.98	YES		*North	*North					*North	*North		*North	*North
	R9		Residential	Bedroom	W11	Existing 37.66 Proposed 36.82	0.98	YES	16°N	36.85 36.04	0.98	YES		*North	*North					*North	*North		*North	*North
	R10		Residential	LKD	W12	Existing 38.03 Proposed 37.21	0.98	YES	16°N	37.66 36.82	0.98	YES		*North	*North					*North	*North		*North	*North
	R11		Residential	Bedroom	W13	Existing 38.18 Proposed 37.39	0.98	YES	16°N	38.03 37.21	0.98	YES		*North	*North					*North	*North		*North	*North
	R12		Residential	LKD	W14	Existing 38.32 Proposed 37.51	0.98	YES	16°N	38.18 37.39	0.98	YES		*North	*North					*North	*North		*North	*North
					W15	Existing 39.36 Proposed 39.36	1.00	YES	106°	12.00 12.00			*North	*North	0.00 0.00	*North	*North							
					W16	Existing 39.26 Proposed 39.26	1.00	YES	106°	58.00 58.00	1.00	YES	18.00 18.00	1.00	YES	18.00 18.00	1.00	YES						
										38.94 38.63	0.99	YES							58.00 58.00	1.00	YES	18.00 18.00	1.00	YES
Nineteenth	R1		Residential	Bedroom	W1	Existing 36.45 Proposed 35.87	0.98	YES	320°N					*North	*North									
	R2		Residential	LKD	W2	Existing 39.08 Proposed 38.50	0.99	YES	320°N	36.45 35.87	0.98	YES		*North	*North					*North	*North		*North	*North
					W3	Existing 37.78 Proposed 37.06	0.98	YES	50°N					*North	*North					*North	*North		*North	*North
	R3		Residential	Bedroom	W4	Existing 24.63 Proposed 23.96	0.97	YES	50°N	38.58 37.95	0.98	YES		*North	*North					*North	*North		*North	*North
	R4		Residential	Studio	W5	Existing 23.73 Proposed 23.09	0.97	YES	50°N	24.63 23.96	0.97	YES		*North	*North					*North	*North		*North	*North
					W6	Existing 34.73 Proposed 34.09	0.98	YES	50°N					*North	*North					*North	*North		*North	*North
	R5		Residential	Bedroom	W7	Existing 35.67 Proposed 35.03	0.98	YES	50°N	27.97 27.33	0.98	YES		*North	*North					*North	*North		*North	*North
	R6		Residential	LKD	W8	Existing 33.52 Proposed 32.71	0.98	YES	16°N	35.67 35.03	0.98	YES		*North	*North					*North	*North		*North	*North
										33.52 32.71	0.98	YES								*North	*North		*North	*North



Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight & Sunlight Analysis - VSC & APSH - Alternate Scenario  
 Date of Analysis: 19/07/2025

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	R10		Residential	LKD	W12	Existing 38.41 Proposed 37.61	0.98	YES	16°N	37.34										*North	*North		*North	*North	
	R11		Residential	Bedroom	W13	Existing 38.50 Proposed 37.69	0.98	YES	16°N	38.41 37.61	0.98	YES								*North	*North		*North	*North	
	R12		Residential	LKD	W14	Existing 38.58 Proposed 37.79	0.98	YES	16°N	38.50 37.69	0.98	YES	12.00 12.00	*North	*North	0.00 0.00	*North	*North							
					W15	Existing 39.37 Proposed 39.37	1.00	YES	106°				58.00	1.00	YES	18.00	1.00	YES							
					W16	Existing 39.27 Proposed 39.27	1.00	YES	106°				58.00	1.00	YES	18.00	1.00	YES							
										39.04 38.74	0.99	YES							58.00 58.00	1.00	YES	18.00 18.00	1.00	YES	
Twenty First	R1		Residential	Bedroom	W1	Existing 36.52 Proposed 35.94	0.98	YES	320°N											*North	*North		*North	*North	
	R2		Residential	LKD	W2	Existing 39.16 Proposed 38.57	0.98	YES	320°N	36.52 35.94	0.98	YES									*North	*North		*North	*North
					W3	Existing 38.25 Proposed 37.53	0.98	YES	50°N												*North	*North		*North	*North
	R3		Residential	Bedroom	W4	Existing 37.93 Proposed 37.26	0.98	YES	50°N	38.81 38.17	0.98	YES									*North	*North		*North	*North
	R4		Residential	Studio	W5	Existing 37.48 Proposed 36.83	0.98	YES	50°N	37.93 37.26	0.98	YES									*North	*North		*North	*North
					W6	Existing 36.89 Proposed 36.26	0.98	YES	50°N												*North	*North		*North	*North
	R5		Residential	Bedroom	W7	Existing 36.50 Proposed 35.86	0.98	YES	50°N	37.25 36.61	0.98	YES									*North	*North		*North	*North
	R6		Residential	LKD	W8	Existing 32.16 Proposed 31.34	0.97	YES	16°N	36.50 35.86	0.98	YES									*North	*North		*North	*North
	R7		Residential	LKD	W9	Existing 37.62 Proposed 36.79	0.98	YES	16°N	32.16 31.34	0.97	YES									*North	*North		*North	*North
	R8		Residential	Bedroom	W10	Existing 38.15 Proposed 37.33	0.98	YES	16°N	37.62 36.79	0.98	YES									*North	*North		*North	*North
	R9		Residential	Bedroom	W11	Existing 38.49 Proposed 37.67	0.98	YES	16°N	38.15 37.33	0.98	YES									*North	*North		*North	*North
	R10		Residential	LKD	W12	Existing 38.62 Proposed 37.81	0.98	YES	16°N	38.49 37.67	0.98	YES									*North	*North		*North	*North
	R11		Residential	Bedroom	W13	Existing 38.66 Proposed 37.86	0.98	YES	16°N	38.62 37.81	0.98	YES									*North	*North		*North	*North
	R12		Residential	LKD	W14	Existing 38.71 Proposed 37.92	0.98	YES	16°N	38.66 37.86	0.98	YES	13.00 13.00	*North	*North	0.00 0.00	*North	*North						*North	*North

Project Name: Central Square, Cardiff  
 Project No.: 200  
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 Date of Analysis: 19/07/2025

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					W15	Existing 39.37 Proposed 39.37	1.00	YES	106°				58.00	1.00	YES	18.00	1.00	YES						
					W16	Existing 39.28 Proposed 39.28	1.00	YES	106°				58.00	1.00	YES	18.00	1.00	YES						
										39.10 38.79	0.99	YES	58.00			18.00			59.00 59.00	1.00	YES	18.00	1.00	YES
Twenty Second	R1	Residential	Bedroom	W1	Existing 33.12 Proposed 32.43	0.98	YES	16°N		33.12 32.43	0.98	YES		*North	*North		*North	*North						
	R2	Residential	Bedroom	W2	Existing 36.32 Proposed 35.52	0.98	YES	16°N		36.32 35.52	0.98	YES		*North	*North		*North	*North						
	R3	Residential	Bedroom	W3	Existing 38.74 Proposed 37.92	0.98	YES	16°N		38.74 37.92	0.98	YES		*North	*North		*North	*North						
	R4	Residential	LKD	W4	Existing 38.73 Proposed 37.91	0.98	YES	16°N		38.73 37.91	0.98	YES		*North	*North		*North	*North						
	R5	Residential	Bedroom	W5	Existing 38.79 Proposed 37.97	0.98	YES	16°N		38.79 37.97	0.98	YES		*North	*North		*North	*North						
	R6	Residential	LKD	W6	Existing 38.81 Proposed 38.01	0.98	YES	16°N		38.81 38.01	0.98	YES		*North	*North		*North	*North						
	R7	Residential	Bedroom	W7	Existing 38.82 Proposed 38.02	0.98	YES	16°N		38.82 38.02	0.98	YES		*North	*North		*North	*North						
	R8	Residential	LKD	W8	Existing 38.83 Proposed 38.05	0.98	YES	16°N					13.00	*North	*North	0.00	*North	*North						
					W9	Existing 39.37 Proposed 39.37	1.00	YES	106°				58.00	1.00	YES	18.00	1.00	YES						
					W10	Existing 39.27 Proposed 39.27	1.00	YES	106°				58.00	1.00	YES	18.00	1.00	YES						
										39.14 38.84	0.99	YES	58.00			18.00			59.00 59.00	1.00	YES	18.00	1.00	YES
Twenty Third	R1	Residential	Bedroom	W1	Existing 39.05 Proposed 38.21	0.98	YES	16°N		39.05 38.21	0.98	YES		*North	*North		*North	*North						
	R2	Residential	Bedroom	W2	Existing 39.05 Proposed 38.24	0.98	YES	16°N		39.05 38.24	0.98	YES		*North	*North		*North	*North						
	R3	Residential	Bedroom	W3	Existing 39.00 Proposed 38.18	0.98	YES	16°N		39.00 38.18	0.98	YES		*North	*North		*North	*North						
	R4	Residential	LKD	W4	Existing 38.89 Proposed 38.07	0.98	YES	16°N		38.89 38.07	0.98	YES		*North	*North		*North	*North						
	R5	Residential	Bedroom	W5	Existing 38.89 Proposed 38.07	0.98	YES	16°N		38.89 38.07	0.98	YES		*North	*North		*North	*North						
	R6	Residential	LKD	W6	Existing 38.89 Proposed 38.09	0.98	YES	16°N		38.89 38.09	0.98	YES		*North	*North		*North	*North						
	R7	Residential	Bedroom	W7	Existing 38.89	0.98	YES	16°N		38.89	0.98	YES		*North	*North		*North	*North						







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 Report Title: Daylight & Sunlight Analysis - VSC & APSH - Alternate Scenario  
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	R4		Residential	Unknown	W5	Existing 33.84 Proposed 33.46	0.99	YES	92°	33.38			49.00 49.00	1.00	YES	14.00 14.00	1.00	YES	49.00 49.00	1.00	YES	15.00 14.00	1.00	YES	
	R5		Residential	LD	W6	Existing 33.92 Proposed 33.53	0.99	YES	92°	33.84 33.46	0.99	YES	48.00 48.00	1.00	YES	13.00 13.00	1.00	YES	49.00 49.00	1.00	YES	14.00 14.00	1.00	YES	
					W7	Existing 33.93 Proposed 33.55	0.99	YES	92°	33.93 33.54	0.99	YES	48.00 48.00	1.00	YES	13.00 13.00	1.00	YES	48.00 48.00	1.00	YES	13.00 13.00	1.00	YES	
First	R1		Residential	LD	W1	Existing 27.05 Proposed 26.80	0.99	YES	12°N				*North	*North	*North	*North									
					W2	Existing 27.62 Proposed 27.37	0.99	YES	12°N	27.34 27.09	0.99	YES													
	R2		Residential	Bedroom	W3	Existing 28.37 Proposed 28.11	0.99	YES	12°N	28.37 28.11	0.99	YES								*North	*North		*North	*North	
	R3		Residential	LD	W4	Existing 27.36 Proposed 27.08	0.99	YES	12°N				*North	*North	*North	*North				*North	*North		*North	*North	
					W5	Existing 22.38 Proposed 22.38	1.00	YES	310°N				*North	*North	*North	*North									
					W6	Existing 31.34 Proposed 30.94	0.99	YES	39°N				*North	*North	*North	*North									
	R4		Residential	LD	W7	Existing 31.75 Proposed 31.34	0.99	YES	39°N	27.90 27.64	0.99	YES	22.00 22.00	*North	*North	3.00 3.00	*North	*North		*North	*North		*North	*North	
					W8	Existing 26.43 Proposed 26.27	0.99	YES	129°				37.00 37.00	1.00	YES	8.00 8.00	1.00	YES							
					W9	Existing 30.85 Proposed 30.41	0.99	YES	67°N Inc	30.11 29.76	0.99	YES	36.00 36.00	*North	*North	9.00 9.00	*North	*North		*North	*North		*North	*North	
	R5		Residential	Bedroom	W10	Existing 32.45 Proposed 32.00	0.99	YES	67°N Inc	32.45 32.00	0.99	YES								*North	*North		*North	*North	
	R6		Residential	LD	W11	Existing 32.93 Proposed 32.48	0.99	YES	67°N				*North	*North	*North	*North				*North	*North		*North	*North	
					W12	Existing 33.02 Proposed 32.55	0.99	YES	67°N				*North	*North	*North	*North									
	R7		Residential	Unknown	W13	Existing 33.17 Proposed 32.67	0.98	YES	67°N	32.97 32.51	0.99	YES								*North	*North		*North	*North	
	R8		Residential	Unknown	W14	Existing 34.23 Proposed 33.81	0.99	YES	92°	33.17 32.67	0.98	YES	50.00 50.00	1.00	YES	15.00 15.00	1.00	YES		*North	*North		*North	*North	
	R9		Residential	Unknown	W15	Existing 34.27 Proposed 33.89	0.99	YES	92°	34.23 33.81	0.99	YES	49.00 49.00	1.00	YES	14.00 14.00	1.00	YES		*North	*North		*North	*North	
	R10		Residential	LD	W16	Existing 34.34 Proposed 33.95	0.99	YES	92°	34.27 33.89	0.99	YES	49.00 49.00	1.00	YES	14.00 14.00	1.00	YES		*North	*North		*North	*North	
					W17	Existing 34.35 Proposed 33.97	0.99	YES	92°	34.35 33.96	0.99	YES	49.00 49.00	1.00	YES	14.00 14.00	1.00	YES		*North	*North		*North	*North	
Second	R1		Residential	LD	W1	Existing 28.65 Proposed 28.41	0.99	YES	12°N				*North	*North	*North	*North				49.00 49.00	1.00	YES	14.00 14.00	1.00	YES









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						Proposed 11.53																		
	R2		Residential	Bedroom	W2	Existing 11.95 Proposed 11.49	0.96	YES	60°N	11.67 11.53	0.99	YES	17.00 17.00	*North	*North	4.00 4.00	*North	*North						
					W3	Existing 23.05 Proposed 22.91	0.99	YES	150°				54.00 54.00	1.00	YES	12.00 12.00	1.00	YES						
	R3		Residential	LKD	W4	Existing 18.08 Proposed 18.08	1.00	YES	14°N	13.64 13.23	0.97	YES		*North	*North		*North	*North	54.00 54.00	1.00	YES	12.00 12.00	1.00	YES
					W5	Existing 16.04 Proposed 16.04	1.00	YES	14°N					*North	*North		*North	*North						
	R4		Residential	LKD	W6	Existing 16.63 Proposed 16.41	0.99	YES	14°N	16.35 16.35	1.00	YES		*North	*North		*North	*North						
					W7	Existing 16.68 Proposed 16.44	0.99	YES	13°N					*North	*North		*North	*North						
	R5		Residential	Bedroom	W8	Existing 24.72 Proposed 24.50	0.99	YES	13°N	16.64 16.41	0.99	YES	10.00 10.00	*North	*North	0.00 0.00	*North	*North						
					W9	Existing 24.58 Proposed 24.24	0.99	YES	104°				23.00 23.00	1.00	YES	3.00 3.00	1.00	YES						
	R6		Residential	Bedroom	W10	Existing 17.15 Proposed 16.92	0.99	YES	13°N	24.67 24.40	0.99	YES		*North	*North		*North	*North	23.00 23.00	1.00	YES	3.00 3.00	1.00	YES
	R7		Residential	LKD	W11	Existing 25.38 Proposed 25.15	0.99	YES	13°N	17.15 16.92	0.99	YES	10.00 10.00	*North	*North	0.00 0.00	*North	*North						
					W12	Existing 31.24 Proposed 30.92	0.99	YES	104°				51.00 51.00	1.00	YES	16.00 16.00	1.00	YES						
					W13	Existing 33.50 Proposed 33.50	1.00	YES	193°				82.00 82.00	1.00	YES	25.00 25.00	1.00	YES						
										30.65 30.41	0.99	YES							93.00 93.00	1.00	YES	26.00 26.00	1.00	YES
Third	R1		Residential	LKD	W1	Existing 13.81 Proposed 13.39	0.97	YES	60°N					*North	*North		*North	*North						
					W2	Existing 13.87 Proposed 13.36	0.96	YES	60°N					*North	*North		*North	*North						
	R2		Residential	LKD	W3	Existing 19.45 Proposed 19.45	1.00	YES	14°N	13.84 13.37	0.97	YES		*North	*North		*North	*North						
					W4	Existing 27.49 Proposed 27.49	1.00	YES	284°N					*North	*North		*North	*North						
					W5	Existing 17.83 Proposed 17.83	1.00	YES	14°N					*North	*North		*North	*North						
	R3		Residential	LKD	W6	Existing 17.58 Proposed 17.36	0.99	YES	14°N	18.62 18.62	1.00	YES	3.00 3.00	*North	*North	0.00 0.00	*North	*North						
					W7	Existing 25.16 Proposed 24.78	0.98	YES	104°				25.00 25.00	1.00	YES	3.00 3.00	1.00	YES						
					W8	Existing 16.97 Proposed 16.72	0.99	YES	13°N				10.00 10.00	*North	*North	0.00 0.00	*North	*North						
	R4		Residential	Bedroom	W9	Existing 25.47 Proposed 25.24	0.99	YES	13°N	17.93 17.69	0.99	YES	10.00 10.00	*North	*North	0.00 0.00	*North	*North						
					W10	Existing 26.23 Proposed 25.89	0.99	YES	104°				29.00 29.00	1.00	YES	3.00 3.00	1.00	YES						
										25.77 25.49	0.99	YES							29.00 29.00	1.00	YES	3.00 3.00	1.00	YES

Project Name: Central Square, Cardiff  
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	R5	Residential	Bedroom	W11	Existing Proposed	17.28 17.06	0.99	YES	13°N	17.28 17.06	0.99	YES	*North *North	*North *North	*North *North	*North *North	*North *North	*North *North						
	R6	Residential	LKD	W12	Existing Proposed	27.32 27.08	0.99	YES	13°N				10.00 10.00	*North 1.00	*North YES	0.00 0.00	*North 1.00	*North YES		*North	*North		*North	*North
				W13	Existing Proposed	30.28 29.96	0.99	YES	104°				52.00 52.00	1.00	YES	18.00 18.00	1.00	YES						
				W14	Existing Proposed	35.86 35.86	1.00	YES	193°	30.93 30.69	0.99	YES	87.00 87.00	1.00	YES	30.00 30.00	1.00	YES	97.00 97.00	1.00	YES	30.00 30.00	1.00	YES
Fourth	R1	Residential	LKD	W1	Existing Proposed	20.36 20.36	1.00	YES	14°N				*North *North	*North *North	*North *North	*North *North	*North *North	*North *North						
				W2	Existing Proposed	19.68 19.68	1.00	YES	14°N	19.78 19.78	1.00	YES	*North *North	*North *North	*North *North	*North *North	*North *North	*North *North		*North	*North		*North	*North
	R2	Residential	LKD	W3	Existing Proposed	18.54 18.31	0.99	YES	14°N				*North *North	*North *North	*North *North	*North *North	*North *North	*North *North						
				W4	Existing Proposed	16.81 16.56	0.99	YES	13°N	18.28 18.04	0.99	YES	*North *North	*North *North	*North *North	*North *North	*North *North	*North *North						
	R3	Residential	Bedroom	W5	Existing Proposed	25.65 25.40	0.99	YES	13°N				6.00 6.00	*North 1.00	*North YES	0.00 0.00	*North 1.00	*North YES						
				W6	Existing Proposed	19.32 18.95	0.98	YES	104°	23.14 22.84	0.99	YES	31.00 31.00	1.00	YES	7.00 7.00	1.00	YES	31.00 31.00	1.00	YES	7.00 7.00	1.00	YES
	R4	Residential	Bedroom	W7	Existing Proposed	13.05 12.85	0.98	YES	13°N	13.05 12.85	0.98	YES	*North *North	*North *North	*North *North	*North *North	*North *North	*North *North						
	R5	Residential	LKD	W8	Existing Proposed	21.13 20.91	0.99	YES	13°N				5.00 5.00	*North 1.00	*North YES	0.00 0.00	*North 1.00	*North YES		*North	*North		*North	*North
				W9	Existing Proposed	20.21 19.90	0.98	YES	104°	22.40 22.17	0.99	YES	34.00 34.00	1.00	YES	13.00 13.00	1.00	YES	81.00 81.00	1.00	YES	30.00 30.00	1.00	YES
				W10	Existing Proposed	29.66 29.66	1.00	YES	193°				61.00 61.00	1.00	YES	29.00 29.00	1.00	YES						
Fifth	R1	Residential	LKD	W1	Existing Proposed	37.09 37.09	1.00	YES	283°N				*North *North	*North *North	*North *North	*North *North	*North *North	*North *North						
				W2	Existing Proposed	36.99 36.99	1.00	YES	284°N				*North *North	*North *North	*North *North	*North *North	*North *North	*North *North						
				W3	Existing Proposed	20.11 20.11	1.00	YES	14°N	28.81 28.81	1.00	YES	*North *North	*North *North	*North *North	*North *North	*North *North	*North *North		*North	*North		*North	*North
	R2	Residential	LKD	W4	Existing Proposed	18.90 18.66	0.99	YES	14°N				3.00 3.00	*North 1.00	*North YES	0.00 0.00	*North 1.00	*North YES						
				W5	Existing Proposed	32.99 32.60	0.99	YES	104°	26.58 26.28	0.99	YES	46.00 46.00	1.00	YES	12.00 12.00	1.00	YES	53.00 53.00	1.00	YES	14.00 14.00	1.00	YES
				W6	Existing Proposed	34.01 33.66	0.99	YES	103°				53.00 53.00	1.00	YES	14.00 14.00	1.00	YES						
Sixth	R1	Residential	LKD	W1	Existing Proposed	16.73 16.73	1.00	YES	14°N	16.73 16.73	1.00	YES	*North *North	*North *North	*North *North	*North *North	*North *North	*North *North						
	R2	Residential	LKD	W2	Existing Proposed	15.83 15.80	1.00	YES	14°N	15.83 15.80	1.00	YES	*North *North	*North *North	*North *North	*North *North	*North *North	*North *North		*North	*North		*North	*North

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight & Sunlight Analysis - VSC & APSH - Alternate Scenario  
 Date of Analysis: 19/07/2025

Floor Ref.	Room Ref.	Layout Info	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria							
<b>1 Fitzhamon Embankment</b>																															
Ground	R2	Assumed	Residential	Unknown	W11	Existing	16.18	1.00	YES	330°N			0.00	*North	*North	0.00	*North	*North													
					Proposed	16.18	0.98	YES	60°N				30.00	*North	*North	6.00	*North	*North													
					Existing	29.10	0.99	YES	150°				30.00	0.97	YES	6.00	1.00	YES													
						Existing	14.83						24.40	0.99	YES				30.00	1.00	YES	6.00	1.00	YES							
						Proposed	14.63						24.04						30.00			6.00									
						Proposed	27.85						22.00	*North	*North	5.00	*North	*North	22.00	1.00	YES	6.00	1.00	YES							
R3	Assumed	Residential	Unknown	W14	Existing	28.51	0.98	YES	60°N			22.00	*North	*North	5.00	*North	*North														
				Proposed	28.02	1.00	YES	150°	0.00			1.00	YES	0.00	1.00	YES															
				Existing	0.00	1.00	YES	150°	0.00			1.00	YES	0.00	1.00	YES															
						Existing	0.00						10.86	0.98	YES				22.00	1.00	YES	5.00	1.00	YES							
						Proposed	0.00						10.67						22.00			5.00									
						Proposed	0.00												22.00			5.00									
<b>3 Fitzhamon Embankment</b>																															
First	R1	Assumed	Residential	Unknown	W1	Existing	28.34	0.98	YES	60°N				*North	*North		*North	*North													
					Proposed	27.85	1.00	YES	330°N	0.00			*North	*North	0.00	*North	*North														
					Existing	17.65	0.98	YES	60°N	0.00			*North	*North	6.00	*North	*North														
						Existing	30.06	0.99	YES	150°	27.00	0.97	YES	5.00	1.00	YES	29.00	1.00	YES	6.00	1.00	YES									
						Proposed	29.56						25.10	0.99	YES				30.00	1.00	YES	6.00	1.00	YES							
						Proposed	15.31						24.74						30.00			6.00									
R3	Assumed	Residential	Unknown	W5	Existing	29.55	0.98	YES	60°N			23.00	*North	*North	5.00	*North	*North														
				Proposed	29.04	0.96	YES	150°	22.00			1.00	YES	5.00	1.00	YES															
				Existing	1.86	0.98	YES	60°N	8.00			1.00	YES	2.00	1.00	YES															
						Proposed	1.79						17.80	0.98	YES				31.00	0.97	YES	7.00	1.00	YES							
						Proposed	1.79						17.47						30.00			7.00									
						Proposed	1.79												31.00			7.00									
<b>3 Fitzhamon Embankment</b>																															
Second	R1	Assumed	Residential	Unknown	W1	Existing	27.46	0.98	YES	60°N				*North	*North		*North	*North													
					Proposed	26.95	0.98	YES	60°N	27.46			*North	*North		*North	*North														
					Existing	30.88	0.98	YES	60°N	26.95			*North	*North		*North	*North														
						Existing	30.88	0.98	YES	150°	30.88	0.98	YES	4.00	*North	*North	19.00	1.00	YES	6.00	1.00	YES									
						Proposed	30.36						18.00						18.00			6.00									
						Proposed	3.51						10.00	1.00	YES	2.00	1.00	YES	10.00	0.97	YES	6.00	1.00	YES							
					Proposed	3.51						15.47	0.98	YES				29.00			6.00										
					Proposed	3.51						15.19						28.00			6.00										
<b>3 Fitzhamon Embankment</b>																															
Ground	R2	Assumed	Residential	Living Room	W6	Existing	24.71	0.99	YES	13°N			7.00	*North	*North	0.00	*North	*North													
					Proposed	24.52	0.98	YES	60°N	7.00			*North	*North	5.00	*North	*North														
					Existing	29.17	0.98	YES	108°	29.00			1.00	YES	4.00	1.00	YES														
						Existing	24.47	0.98	YES	108°	26.00	1.00	YES	4.00	1.00	YES	26.00	1.00	YES	5.00	1.00	YES									
						Proposed	24.00						26.72	0.99	YES				29.00			5.00									
						Proposed	24.00						26.32						29.00			5.00									
First	R1	Assumed	Residential	Bedroom	W1	Existing	29.47	0.98	YES	60°N			25.00	*North	*North	3.00	*North	*North													
					Proposed	28.95	0.99	YES	13°N	25.00			*North	*North	0.00	*North	*North														
					Existing	26.05	0.98	YES	60°N	8.00			*North	*North	5.00	*North	*North														
						Proposed	25.86						8.00						8.00			5.00									
						Existing	30.10	0.98	YES	60°N			28.00	*North	*North	5.00	*North	*North													
	Proposed	29.60												28.00													28.00			5.00	
Proposed	29.60													28.00													28.00			5.00	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Daylight & Sunlight Analysis - VSC & APSH - Alternate Scenario  
 Date of Analysis: 19/07/2025

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					W4	Existing Proposed	26.23 25.76	0.98	YES				29.00 29.00	1.00	YES	4.00 4.00	1.00	YES							
										28.38 27.94	0.98	YES							31.00 31.00	1.00	YES	5.00 5.00	1.00	YES	
Second	R1	Assumed	Residential	Bedroom	W1	Existing Proposed	26.88 26.37	0.98	YES																
										26.88 26.37	0.98	YES													
	R2	Assumed	Residential	Bedroom	W2	Existing Proposed	26.96 26.44	0.98	YES																
										26.96 26.44	0.98	YES													
<b>5 Fitzhamon Embankment</b>																									
Ground	R1	Assumed	Residential	Living Room	W1	Existing Proposed	21.18 21.02	0.99	YES				7.00 7.00	*North	*North	0.00 0.00	*North	*North							
					W2	Existing Proposed	28.97 28.48	0.98	YES				29.00 29.00	*North	*North	5.00 5.00	*North	*North							
					W3	Existing Proposed	25.46 24.98	0.98	YES				29.00 29.00	1.00	YES	5.00 5.00	1.00	YES							
										25.90 25.51	0.98	YES							29.00 29.00	1.00	YES	5.00 5.00	1.00	YES	
First	R1	Assumed	Residential	Bedroom	W1	Existing Proposed	24.43 24.26	0.99	YES				8.00 8.00	*North	*North	0.00 0.00	*North	*North							
					W2	Existing Proposed	29.83 29.32	0.98	YES				30.00 30.00	*North	*North	5.00 5.00	*North	*North							
					W3	Existing Proposed	26.46 25.97	0.98	YES				30.00 30.00	1.00	YES	5.00 5.00	1.00	YES							
					W4	Existing Proposed	29.30 28.80	0.98	YES				27.00 27.00	*North	*North	4.00 4.00	*North	*North							
										27.96 27.52	0.98	YES							30.00 30.00	1.00	YES	5.00 5.00	1.00	YES	
Second	R1	Assumed	Residential	Bedroom	W1	Existing Proposed	26.77 26.27	0.98	YES																
										26.77 26.27	0.98	YES													
	R2	Assumed	Residential	Bedroom	W2	Existing Proposed	26.83 26.31	0.98	YES																
										26.83 26.31	0.98	YES													
<b>Westminster House</b>																									
Ground	R1	Flat1	Residential	Bedroom	W1	Existing Proposed	9.65 9.65	1.00	YES				18.00 18.00	1.00	YES	2.00 2.00	1.00	YES							
					W2	Existing Proposed	9.46 9.46	1.00	YES				16.00 16.00	1.00	YES	2.00 2.00	1.00	YES							
										9.59 9.59	1.00	YES							19.00 19.00	1.00	YES	2.00 2.00	1.00	YES	
First	R1	Flat1	Residential	Bedroom	W1	Existing Proposed	13.00 13.00	1.00	YES				21.00 21.00	1.00	YES	2.00 2.00	1.00	YES							
										13.00 13.00	1.00	YES							21.00 21.00	1.00	YES	2.00 2.00	1.00	YES	
	R3	Flat1	Residential	Bedroom	W3	Existing Proposed	13.29 13.29	1.00	YES				19.00 19.00	1.00	YES	2.00 2.00	1.00	YES							
					W4	Existing Proposed	13.24 13.24	1.00	YES				21.00 21.00	1.00	YES	4.00 4.00	1.00	YES							
					W5	Existing Proposed	13.14 13.14	1.00	YES				20.00 20.00	1.00	YES	4.00 4.00	1.00	YES							
										13.22 13.22	1.00	YES							21.00 21.00	1.00	YES	4.00 4.00	1.00	YES	
	R4	Flat1	Residential	Bedroom	W6	Existing Proposed	13.07 13.07	1.00	YES				19.00 19.00	1.00	YES	4.00 4.00	1.00	YES							
					W7	Existing Proposed	13.15 13.15	1.00	YES				18.00 18.00	1.00	YES	3.00 3.00	1.00	YES							
										13.11	1.00	YES							19.00			4.00			

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Second	R1	Flat1	Residential	Bedroom	W1	Existing	19.18	0.98	YES	246°	13.11		33.00	0.97	YES	6.00	1.00	YES	19.00	1.00	YES	4.00	1.00	YES			
						Proposed	18.85			19.18	0.98	YES	32.00		6.00		33.00	0.97	YES	6.00		32.00	0.97	YES	6.00	1.00	YES
	R3	Flat1	Residential	Bedroom	W3	Existing	19.53	0.99	YES	246°			31.00	1.00	YES	4.00	1.00	YES				6.00	1.00	YES			
						Proposed	19.39			31.00		4.00		31.00	1.00	YES	5.00	1.00	YES				6.00	1.00	YES		
						Existing	19.41	0.99	YES	246°			31.00		5.00		31.00	1.00	YES	5.00		31.00	1.00	YES	5.00		
						Proposed	19.31			31.00		5.00		31.00	1.00	YES	5.00	1.00	YES	5.00		31.00	1.00	YES	5.00		
	R4	Flat1	Residential	Bedroom	W6	Existing	18.99	1.00	YES	246°	19.38	0.99	YES	31.00	1.00	YES	5.00	1.00	YES	32.00	1.00	YES	5.00	1.00	YES		
						Proposed	18.96			31.00		5.00		32.00	1.00	YES	5.00		32.00	1.00	YES	5.00					
						Existing	18.87	1.00	YES	246°			29.00		5.00		29.00	1.00	YES	5.00		29.00	1.00	YES	5.00		
						Proposed	18.87			29.00		5.00		49.00	1.00	YES	12.00	1.00	YES	12.00		49.00	1.00	YES	12.00		
	R5	Flat1	Residential	Bedroom	W9	Existing	17.91	0.99	YES	152°	19.68	1.00	YES	44.00	0.98	YES	12.00	1.00	YES	53.00	1.00	YES	12.00	1.00	YES		
						Proposed	17.72			43.00		12.00		53.00	1.00	YES	12.00		53.00	1.00	YES	12.00					
						Existing	17.91	0.99	YES	152°			17.91		12.00		44.00	0.98	YES	12.00		43.00	0.98	YES	12.00	1.00	YES
						Proposed	17.72			17.91	0.99	YES	17.72		12.00		43.00	0.98	YES	12.00		43.00	0.98	YES	12.00	1.00	YES
R6	Flat1	Residential	Bedroom	W10	Existing	13.66	0.98	YES	152°	13.66	0.98	YES	37.00	0.97	YES	10.00	1.00	YES	37.00	0.97	YES	10.00	1.00	YES			
					Proposed	13.42			36.00		10.00		37.00	0.97	YES	10.00	1.00	YES	10.00		36.00	0.97	YES	10.00	1.00	YES	
R7	Flat1	Residential	Unknown	W11	Existing	16.71	0.97	YES	251°	16.71	0.97	YES	37.00	0.97	YES	8.00	1.00	YES	37.00	0.97	YES	8.00	1.00	YES			
					Proposed	16.14			36.00		8.00		37.00	0.97	YES	8.00	1.00	YES	8.00		36.00	0.97	YES	8.00	1.00	YES	
Third	R1	Flat1	Residential	Bedroom	W1	Existing	24.28	0.97	YES	246°	24.28	0.97	YES	40.00	0.98	YES	10.00	1.00	YES	40.00	0.98	YES	10.00	1.00	YES		
						Proposed	23.65			39.00		10.00		40.00	0.98	YES	10.00	1.00	YES	10.00		39.00	0.98	YES	10.00	1.00	YES
	R3	Flat1	Residential	Bedroom	W3	Existing	25.44	0.98	YES	246°			42.00	0.98	YES	9.00	1.00	YES				10.00	1.00	YES			
						Proposed	24.81			41.00		9.00		42.00	0.98	YES	11.00	1.00	YES				10.00	1.00	YES		
						Existing	25.46	0.98	YES	246°			46.00		11.00		45.00	0.98	YES	11.00		45.00	0.98	YES	11.00		
						Proposed	24.84			45.00		11.00		45.00	0.98	YES	10.00	1.00	YES	10.00		44.00	0.98	YES	11.00		
	R4	Flat1	Residential	Bedroom	W6	Existing	25.25	0.98	YES	246°	25.43	0.98	YES	44.00	0.98	YES	10.00	1.00	YES	46.00	0.98	YES	11.00	1.00	YES		
						Proposed	24.65			43.00		10.00		45.00	0.98	YES	10.00	1.00	YES	11.00		44.00	0.98	YES	11.00		
						Existing	25.11	0.98	YES	246°			44.00		10.00		43.00	0.98	YES	10.00		43.00	0.98	YES	10.00		
						Proposed	24.53			43.00		10.00		55.00	0.98	YES	17.00	1.00	YES	17.00		54.00	0.98	YES	17.00		
	R5	Flat1	Residential	Bedroom	W9	Existing	20.60	0.99	YES	152°	24.87	0.98	YES	52.00	0.98	YES	18.00	1.00	YES	63.00	0.98	YES	17.00	1.00	YES		
						Proposed	20.36			24.41		18.00		62.00	0.98	YES	17.00	1.00	YES	17.00		62.00	0.98	YES	17.00	1.00	YES
						Existing	20.60	0.99	YES	152°			20.60		18.00		52.00	0.98	YES	18.00		51.00	0.98	YES	18.00	1.00	YES
						Proposed	20.36			20.60	0.99	YES	20.36		18.00		51.00	0.98	YES	18.00		51.00	0.98	YES	18.00	1.00	YES
R6	Flat1	Residential	Bedroom	W10	Existing	15.13	0.98	YES	152°	15.13	0.98	YES	43.00	0.95	YES	16.00	0.94	YES	43.00	0.95	YES	16.00	0.94	YES			
					Proposed	14.88			41.00		16.00		41.00	0.95	YES	15.00	0.94	YES	15.00		41.00	0.95	YES	15.00	0.94	YES	
R7	Flat1	Residential	Unknown	W11	Existing	18.73	0.97	YES	251°	18.73	0.97	YES	41.00	0.98	YES	11.00	1.00	YES	41.00	0.98	YES	11.00	1.00	YES			
					Proposed	18.15			40.00		11.00		41.00	0.98	YES	11.00	1.00	YES	11.00		40.00	0.98	YES	11.00	1.00	YES	
Fourth	R1	Flat1	Residential	Bedroom	W1	Existing	28.34	0.98	YES	246°			44.00	0.98	YES	11.00	1.00	YES				11.00	1.00	YES			
						Proposed	27.69			43.00		11.00		43.00	0.98	YES	11.00	1.00	YES	11.00		43.00	0.98	YES	11.00	1.00	YES

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										28.34 27.69	0.98	YES							44.00 43.00	0.98	YES	11.00 11.00	1.00	YES
	R3	Flat1	Residential	Bedroom	W3	Existing 28.93 Proposed 28.28	0.98	YES	246°				44.00 43.00	0.98	YES	11.00 11.00	1.00	YES	43.00	0.98	YES	11.00	1.00	YES
					W4	Existing 28.97 Proposed 28.32	0.98	YES	246°				46.00 45.00	0.98	YES	12.00 12.00	1.00	YES	47.00	0.98	YES	12.00	1.00	YES
					W5	Existing 29.00 Proposed 28.34	0.98	YES	246°				47.00 46.00	0.98	YES	12.00 12.00	1.00	YES	47.00	0.98	YES	12.00	1.00	YES
	R4	Flat1	Residential	Bedroom	W6	Existing 29.00 Proposed 28.35	0.98	YES	246°	28.97 28.31	0.98	YES	48.00 47.00	0.98	YES	12.00 12.00	1.00	YES	46.00	0.98	YES	12.00	1.00	YES
					W7	Existing 28.97 Proposed 28.31	0.98	YES	246°				49.00 48.00	0.98	YES	12.00 12.00	1.00	YES	49.00	0.98	YES	12.00	1.00	YES
					W8	Existing 27.70 Proposed 27.43	0.99	YES	152°				59.00 57.00	0.97	YES	19.00 18.00	0.95	YES	59.00	0.97	YES	19.00	0.95	YES
	R5	Flat1	Residential	Bedroom	W9	Existing 23.38 Proposed 23.13	0.99	YES	152°	28.49 27.98	0.98	YES	54.00 52.00	0.96	YES	19.00 18.00	0.95	YES	70.00 69.00	0.99	YES	19.00 19.00	1.00	YES
	R6	Flat1	Residential	Bedroom	W10	Existing 16.28 Proposed 16.03	0.98	YES	152°	23.38 23.13	0.99	YES	41.00 39.00	0.95	YES	15.00 14.00	0.93	YES	54.00 52.00	0.96	YES	19.00 18.00	0.95	YES
	R7	Flat1	Residential	Unknown	W11	Existing 21.10 Proposed 20.51	0.97	YES	251°	16.28 16.03	0.98	YES	40.00 39.00	0.98	YES	12.00 12.00	1.00	YES	41.00 39.00	0.95	YES	15.00 14.00	0.93	YES
										21.10 20.51	0.97	YES							40.00 39.00	0.98	YES	12.00 12.00	1.00	YES
Fifth	R1	Flat1	Residential	Unknown	W1	Existing 26.21 Proposed 25.54	0.97	YES	246°				41.00 41.00	1.00	YES	11.00 11.00	1.00	YES	41.00 41.00	1.00	YES	11.00 11.00	1.00	YES
					W2	Existing 25.93 Proposed 25.26	0.97	YES	246°				39.00 38.00	0.97	YES	10.00 10.00	1.00	YES	41.00	1.00	YES	11.00	1.00	YES
	R2	Flat1	Residential	Unknown	W3	Existing 25.89 Proposed 25.23	0.97	YES	246°	26.07 25.40	0.97	YES	40.00 39.00	0.98	YES	10.00 10.00	1.00	YES	41.00	1.00	YES	11.00	1.00	YES
	R3	Flat1	Residential	Unknown	W4	Existing 25.77 Proposed 25.09	0.97	YES	246°	25.89 25.23	0.97	YES	40.00 39.00	0.98	YES	10.00 10.00	1.00	YES	40.00	0.98	YES	10.00	1.00	YES
	R4	Flat1	Residential	Bedroom	W5	Existing 25.75 Proposed 25.07	0.97	YES	246°	25.77 25.09	0.97	YES	43.00 42.00	0.98	YES	12.00 12.00	1.00	YES	40.00 39.00	0.98	YES	10.00 10.00	1.00	YES
					W6	Existing 28.65 Proposed 28.38	0.99	YES	152°				64.00 63.00	0.98	YES	21.00 21.00	1.00	YES	87.00	0.98	YES	21.00	1.00	YES
	R5	Flat1	Residential	Bedroom	W7	Existing 26.54 Proposed 26.28	0.99	YES	152°	27.37 26.92	0.98	YES	59.00 57.00	0.97	YES	21.00 20.00	0.95	YES	86.00	0.99	YES	21.00	1.00	YES
	R6	Flat1	Residential	Bedroom	W8	Existing 15.66 Proposed 15.41	0.98	YES	152°	26.54 26.28	0.99	YES	31.00 29.00	0.94	YES	14.00 13.00	0.93	YES	59.00	0.97	YES	20.00	0.95	YES
	R7	Flat1	Residential	Unknown	W9	Existing 16.62 Proposed 16.00	0.96	YES	251°	15.66 15.41	0.98	YES	25.00 24.00	0.96	YES	6.00 6.00	1.00	YES	31.00	0.94	YES	14.00	0.93	YES
					W10	Existing 20.02 Proposed 19.41	0.97	YES	251°				32.00 31.00	0.97	YES	8.00 8.00	1.00	YES	29.00	0.94	YES	13.00	0.93	YES
										18.32 17.70	0.97	YES							32.00 31.00	0.97	YES	8.00 8.00	1.00	YES

## Appendix C – Overshadowing Analysis

## Surrounding Properties - SOG Analysis – Base Scenario

BASELINE – MARCH 21ST



BASELINE – JUNE 21ST



PROPOSED – MARCH 21ST



PROPOSED – JUNE 21ST



SOURCES OF INFORMATION:

3D CONTEXT MODEL  
ACCUCITIES MODEL  
004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG



■ < 2 HOURS  
■ >= 2 HOURS

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REV:	DESCRIPTION:	BY:   DATE:

PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
2 HOUR AMENITY TEST  
MARCH 21ST / JUNE 21ST

JOB NO: 200	RELEASE: 04-01	DRG NO: 310
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL



Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Sun-on-Ground Analysis - Neighbour - Base Scenario  
 Date of Analysis: 18/07/2025

Floor Ref	Assessment Date	Amenity Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria	
<b>Principality Stadium Westgate St</b>							
Basement	21st March	Area m2	8730.84	4186.61	3737.61	0.89	YES
		Percentage		48%	43%		
Basement	21st June	Area m2	8730.84	7498.27	7498.27	1.00	YES
		Percentage		86%	86%		
<b>Public Square</b>							
Ground	21st March	Area m2	1585.79	1419.36	1337.37	0.94	YES
		Percentage		90%	84%		
Ground	21st June	Area m2	1585.79	1585.79	1585.79	1.00	YES
		Percentage		100%	100%		

## Surrounding Properties - SOG Analysis –Alternate Scenario

CONSENTED – MARCH 21ST



CONSENTED – JUNE 21ST



PROPOSED – MARCH 21ST



PROPOSED – JUNE 21ST



SOURCES OF INFORMATION:

3D CONTEXT MODEL  
 ACCUCITIES MODEL  
 004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
 06159\_MODEL\_250709.DWG



■ < 2 HOURS  
 ■ ≥ 2 HOURS

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REV:	DESCRIPTION:	BY:   DATE:

PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 2 HOUR AMENITY TEST  
 MARCH 21ST / JUNE 21ST

JOB NO: 200	RELEASE: 04-02	DRG NO: 310
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL



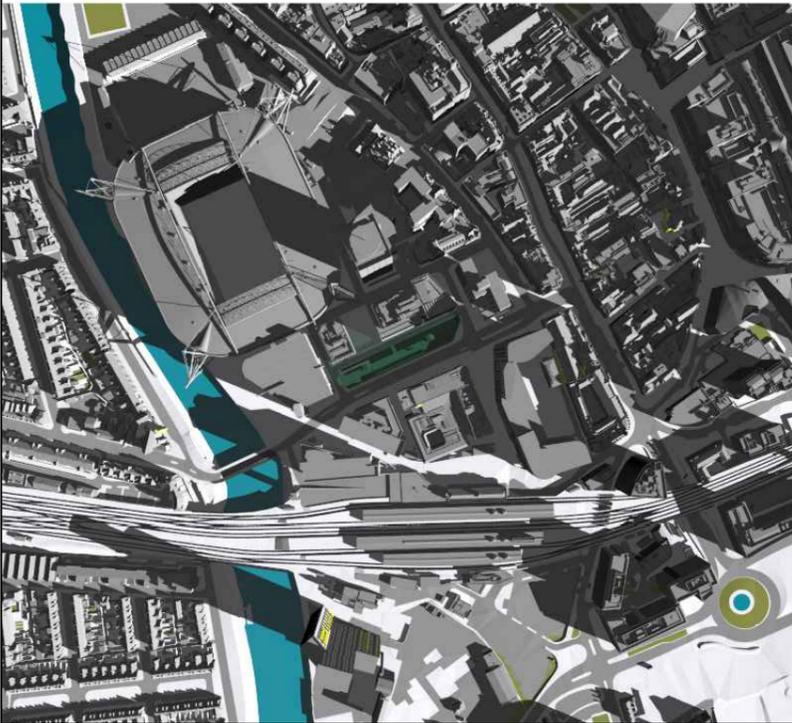
Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Sun-on-Ground Analysis - Neighbour - Alternate Scenario  
 Date of Analysis: 18/07/2025

Floor Ref	Assessment Date		Amenity Area	Lit Area Existing	Lit Area Proposed	Pr/Ex
<b>Principality Stadium Westgate St</b>						
Basement	21st March	Area m2	8730.84	4049.64	3737.61	0.92
		Percentage		46%	43%	
Basement	21st June	Area m2	8730.84	7498.27	7498.27	1.00
		Percentage		86%	86%	
<b>Public Square</b>						
Ground	21st March	Area m2	1585.79	1308.42	1337.37	1.02
		Percentage		83%	84%	
Ground	21st June	Area m2	1585.79	1585.79	1585.79	1.00
		Percentage		100%	100%	

## Transient Shadow Analysis

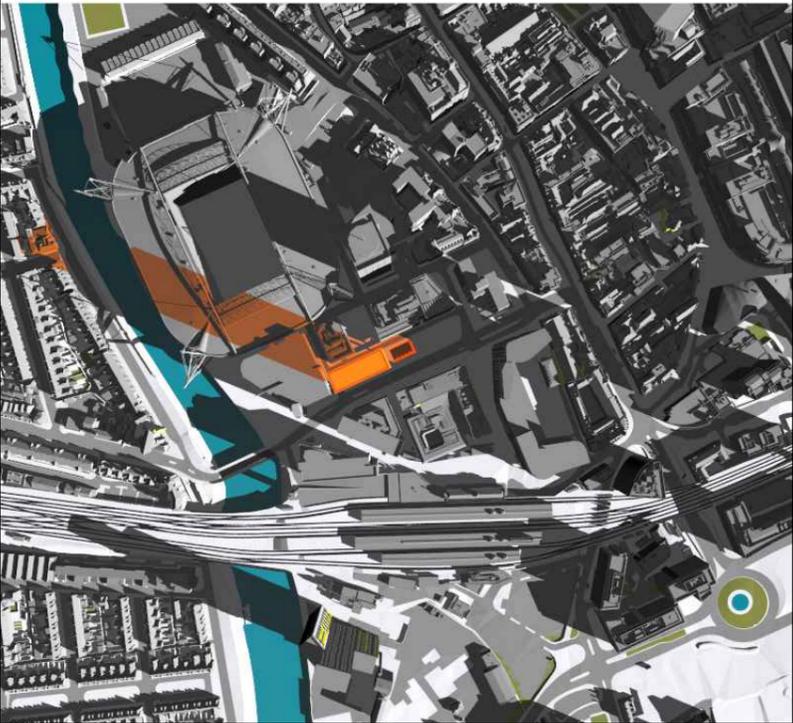
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Mar-21 08.00 AM

EXISTING



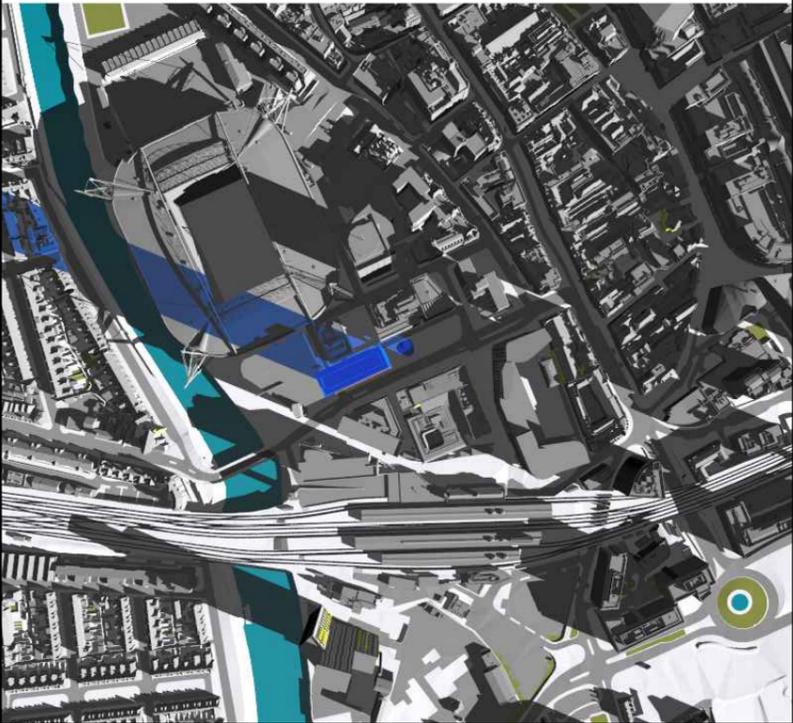
200\_M04-CvP-TRANS  
Mar-21 08.00 AM

CONSENTED



200\_M04-CvP-TRANS  
Mar-21 08.00 AM

PROPOSED



SOURCES OF INFORMATION:

3D CONTEXT MODEL  
ACCUCITIES MODEL  
004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG

200\_M04-EvP-TRANS  
Mar-21 09.00 AM

EXISTING



200\_M04-CvP-TRANS  
Mar-21 09.00 AM

CONSENTED



200\_M04-CvP-TRANS  
Mar-21 09.00 AM

PROPOSED



EXISTINGS BUILDINGS SHOWN IN GREEN  
CONSENTED BUILDINGS SHOWN IN ORANGE  
PROPOSED BUILDINGS SHOWN IN BLUE

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REV:	DESCRIPTION:	BY:   DATE:

PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
TRANSIENT OVERSHADOWING  
EXISTING / CONSENTED / PROPOSED

JOB NO: 200	RELEASE: 04-01	DRG NO: 400
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL



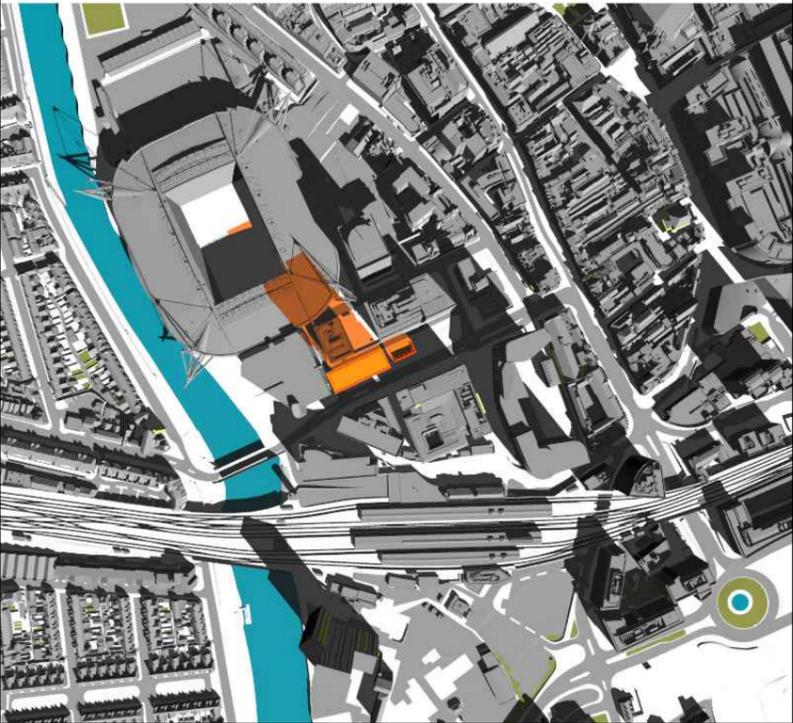
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Mar-21 10.00 AM

EXISTING



200\_M04-CvP-TRANS  
Mar-21 10.00 AM

CONSENTED



200\_M04-CvP-TRANS  
Mar-21 10.00 AM

PROPOSED



SOURCES OF INFORMATION:

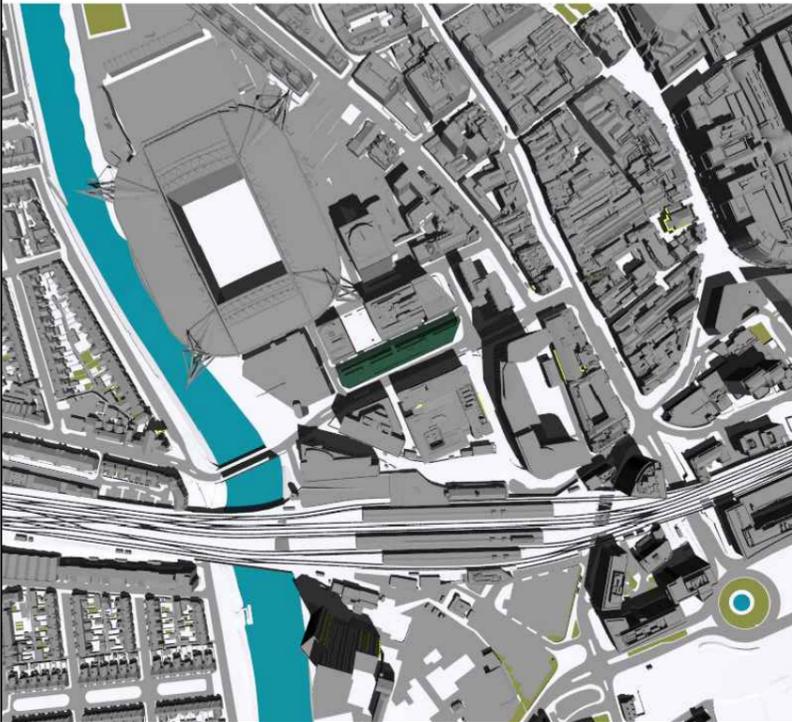
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ACCUCITIES MODEL  
004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG

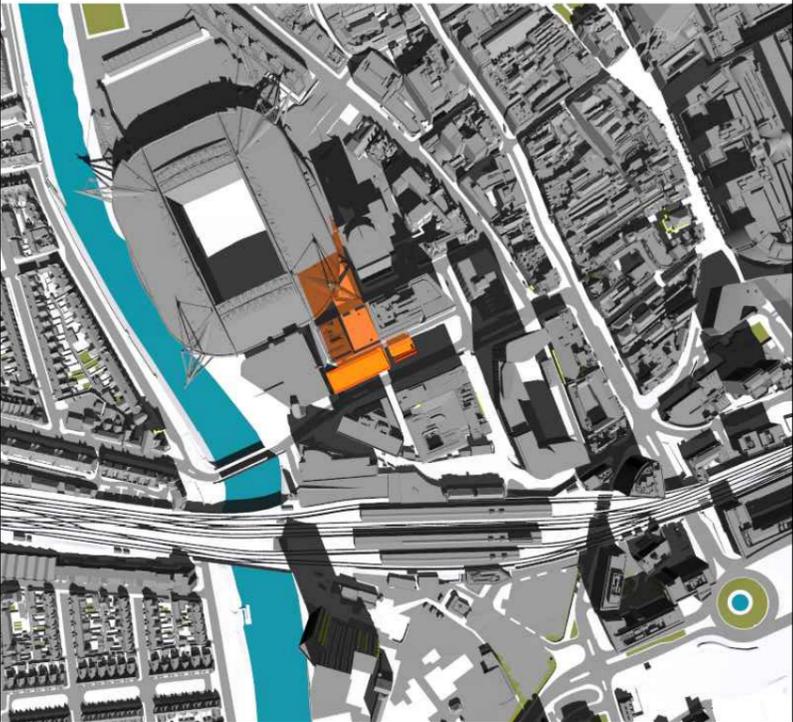
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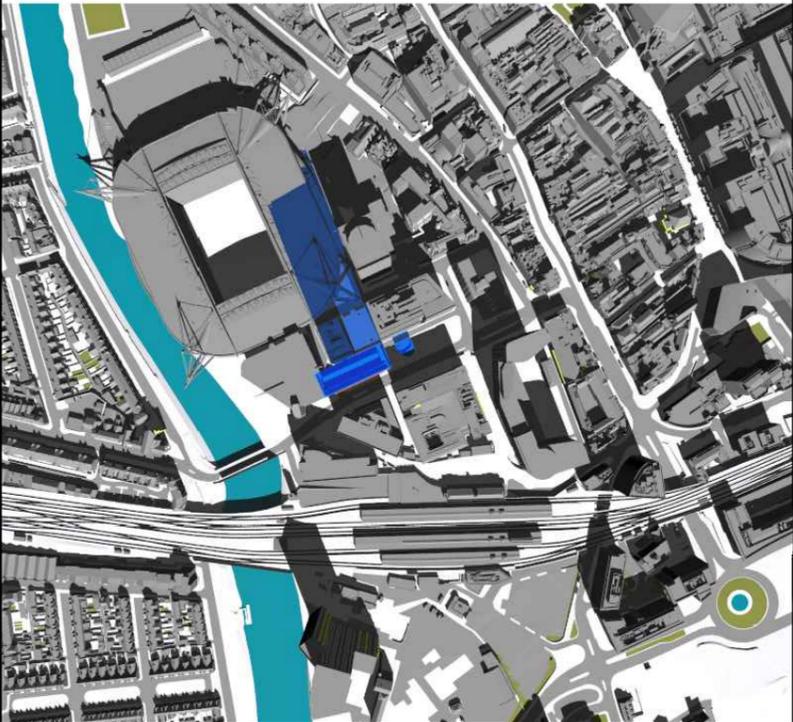
200\_M04-CvP-TRANS  
Mar-21 11.00 AM

CONSENTED



200\_M04-CvP-TRANS  
Mar-21 11.00 AM

PROPOSED



EXISTINGS BUILDINGS SHOWN IN GREEN  
CONSENTED BUILDINGS SHOWN IN ORANGE  
PROPOSED BUILDINGS SHOWN IN BLUE

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PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

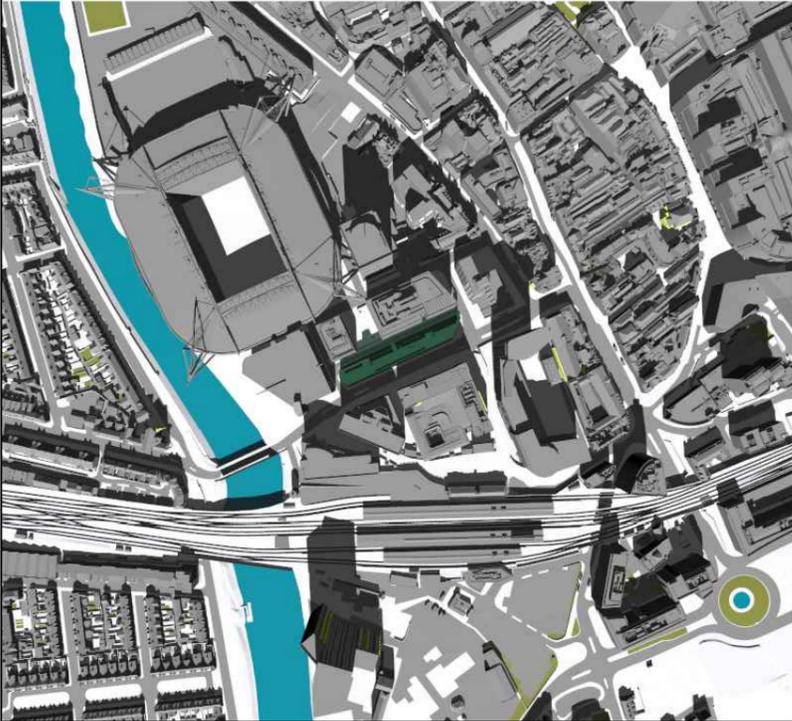
TITLE:  
TRANSIENT OVERSHADOWING  
EXISTING / CONSENTED / PROPOSED

JOB NO:	RELEASE:	DRG NO:
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DATE:	DRAWN:	SCALE:
JUL' 25	CS-01	INDIVIDUAL



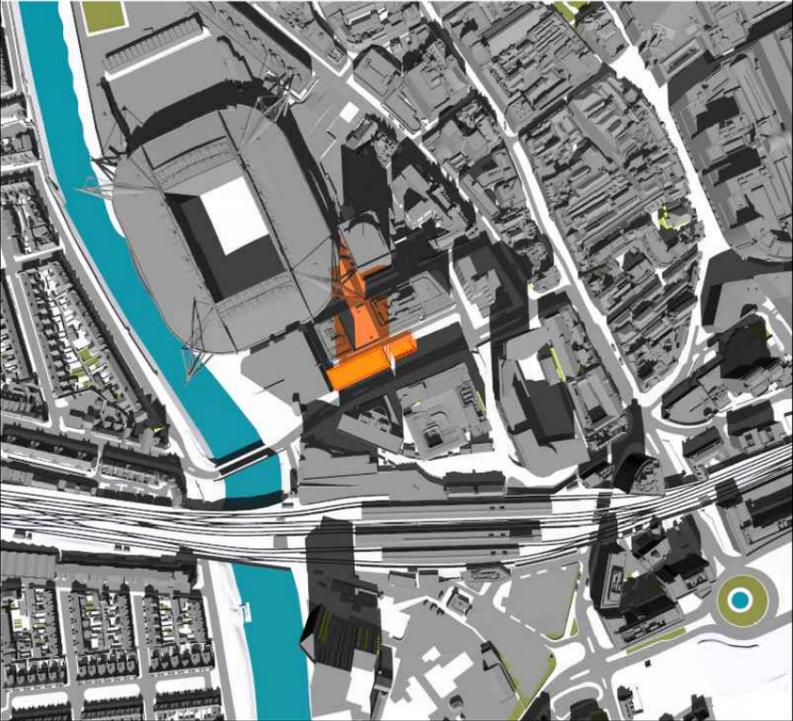
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Mar-21 12.00 PM

EXISTING



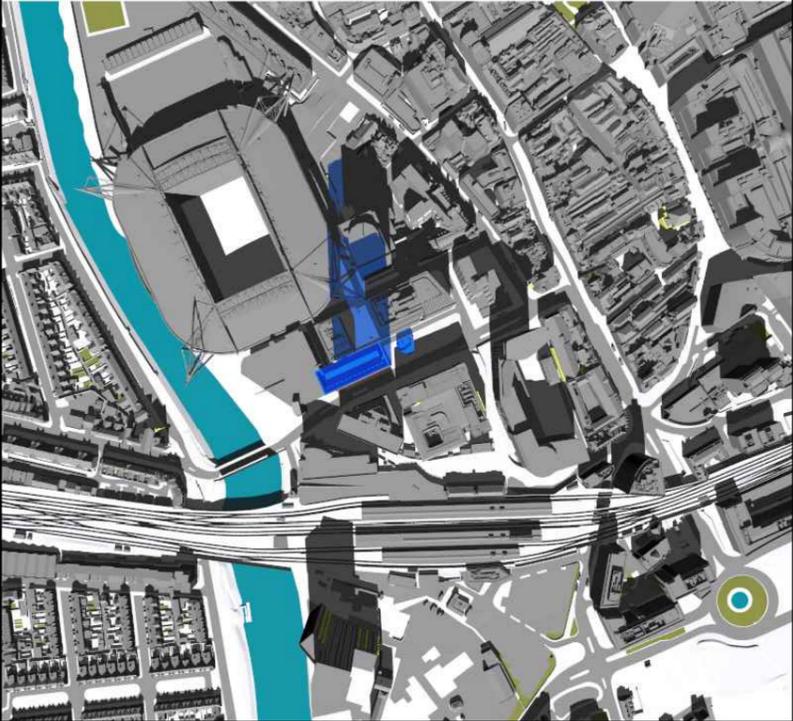
200\_M04-CvP-TRANS  
Mar-21 12.00 PM

CONSENTED



200\_M04-CvP-TRANS  
Mar-21 12.00 PM

PROPOSED



SOURCES OF INFORMATION:

3D CONTEXT MODEL  
ACCUCITIES MODEL  
004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG

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Mar-21 13.00 PM

EXISTING



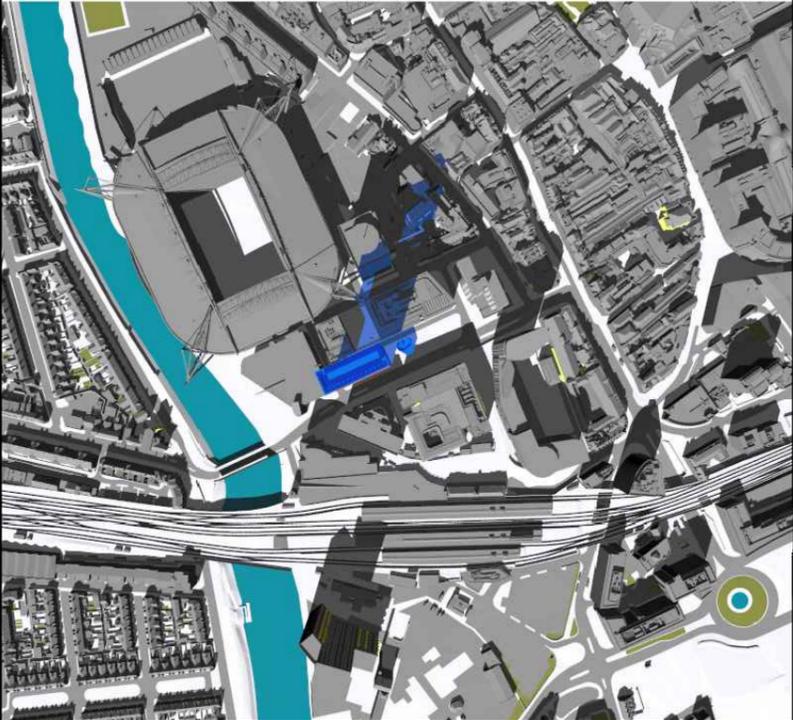
200\_M04-CvP-TRANS  
Mar-21 13.00 PM

CONSENTED



200\_M04-CvP-TRANS  
Mar-21 13.00 PM

PROPOSED



EXISTINGS BUILDINGS SHOWN IN GREEN  
CONSENTED BUILDINGS SHOWN IN ORANGE  
PROPOSED BUILDINGS SHOWN IN BLUE

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REV:	DESCRIPTION:	BY:   DATE:

PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
TRANSIENT OVERSHADOWING  
EXISTING / CONSENTED / PROPOSED

JOB NO: 200	RELEASE: 04-01	DRG NO: 402
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL



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Mar-21 14.00 PM

EXISTING



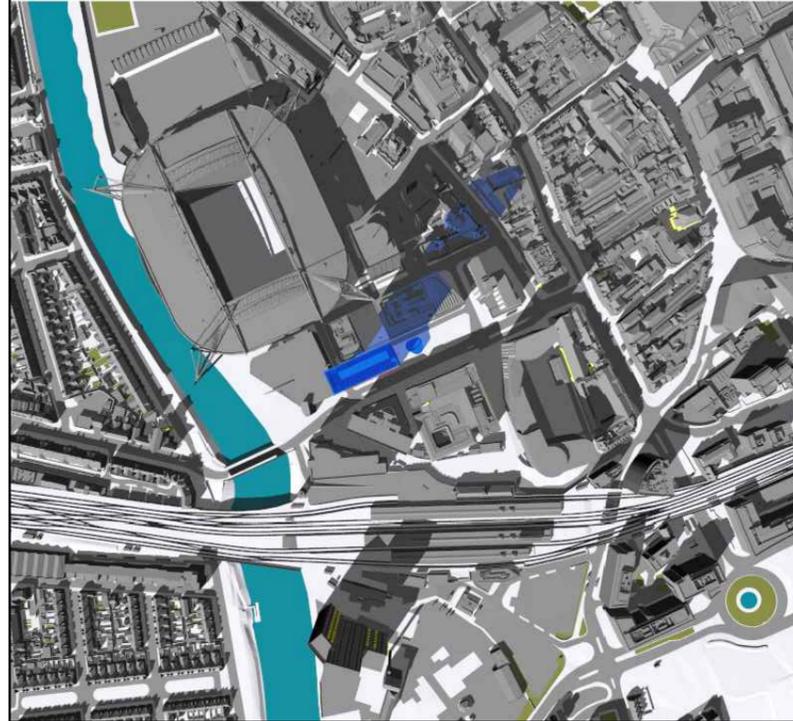
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Mar-21 14.00 PM

CONSENTED



200\_M04-CvP-TRANS  
Mar-21 14.00 PM

PROPOSED



SOURCES OF INFORMATION:

3D CONTEXT MODEL  
ACCUCITIES MODEL  
004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG

200\_M04-EvP-TRANS  
Mar-21 15.00 PM

EXISTING



200\_M04-CvP-TRANS  
Mar-21 15.00 PM

CONSENTED



200\_M04-CvP-TRANS  
Mar-21 15.00 PM

PROPOSED



EXISTINGS BUILDINGS SHOWN IN GREEN  
CONSENTED BUILDINGS SHOWN IN ORANGE  
PROPOSED BUILDINGS SHOWN IN BLUE

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PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
TRANSIENT OVERSHADOWING  
EXISTING / CONSENTED / PROPOSED

JOB NO: 200	RELEASE: 04-01	DRG NO: 403
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL



200\_M04-EvP-TRANS  
Mar-21 16.00 PM

EXISTING



200\_M04-CvP-TRANS  
Mar-21 16.00 PM

CONSENTED



200\_M04-CvP-TRANS  
Mar-21 16.00 PM

PROPOSED



SOURCES OF INFORMATION:

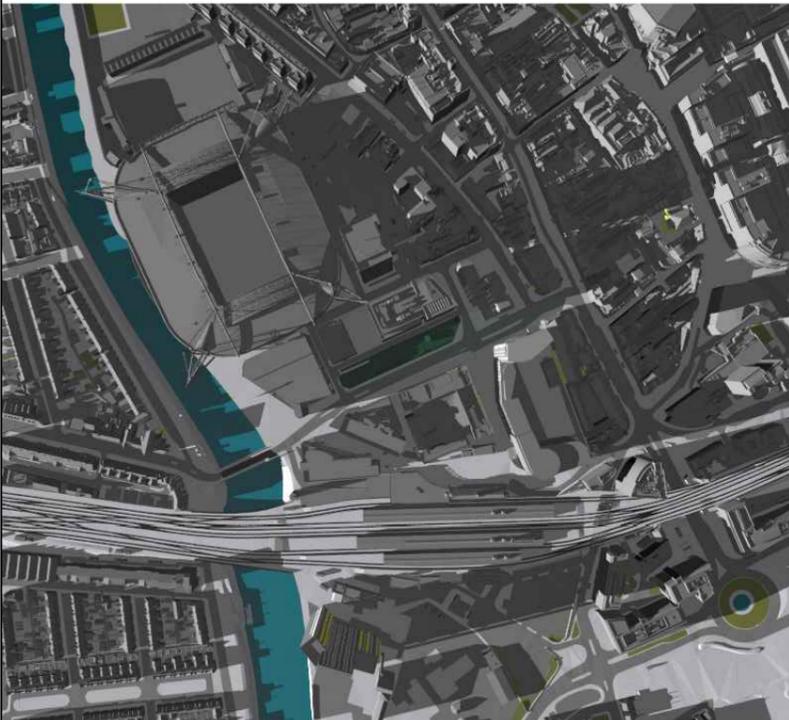
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004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG

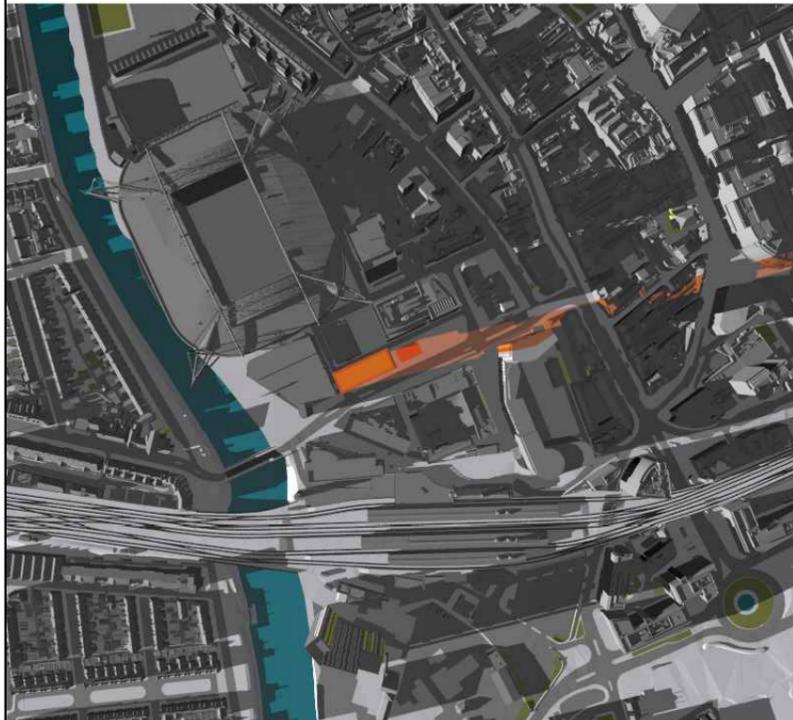
200\_M04-EvP-TRANS  
Mar-21 17.00 PM

EXISTING



200\_M04-CvP-TRANS  
Mar-21 17.00 PM

CONSENTED



200\_M04-CvP-TRANS  
Mar-21 17.00 PM

PROPOSED



EXISTINGS BUILDINGS SHOWN IN GREEN  
CONSENTED BUILDINGS SHOWN IN ORANGE  
PROPOSED BUILDINGS SHOWN IN BLUE

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PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
TRANSIENT OVERSHADOWING  
EXISTING / CONSENTED / PROPOSED

JOB NO: 200	RELEASE: 04-01	DRG NO: 404
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL



200\_M04-EvP-TRANS  
Jun-21 06.00 AM

EXISTING



200\_M04-CvP-TRANS  
Jun-21 06.00 AM

CONSENTED



200\_M04-CvP-TRANS  
Jun-21 06.00 AM

PROPOSED



SOURCES OF INFORMATION:

3D CONTEXT MODEL  
ACCUCITIES MODEL  
004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG

200\_M04-EvP-TRANS  
Jun-21 07.00 AM

EXISTING



200\_M04-CvP-TRANS  
Jun-21 07.00 AM

CONSENTED



200\_M04-CvP-TRANS  
Jun-21 07.00 AM

PROPOSED



EXISTINGS BUILDINGS SHOWN IN GREEN  
CONSENTED BUILDINGS SHOWN IN ORANGE  
PROPOSED BUILDINGS SHOWN IN BLUE

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REV: DESCRIPTION: BY: DATE:

PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
TRANSIENT OVERSHADOWING  
EXISTING / CONSENTED / PROPOSED

JOB NO: 200	RELEASE: 04-01	DRG NO: 405
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL



200\_M04-EvP-TRANS  
Jun-21 08.00 AM

EXISTING



200\_M04-CvP-TRANS  
Jun-21 08.00 AM

CONSENTED



200\_M04-CvP-TRANS  
Jun-21 08.00 AM

PROPOSED



SOURCES OF INFORMATION:

3D CONTEXT MODEL  
ACCUCITIES MODEL  
004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG

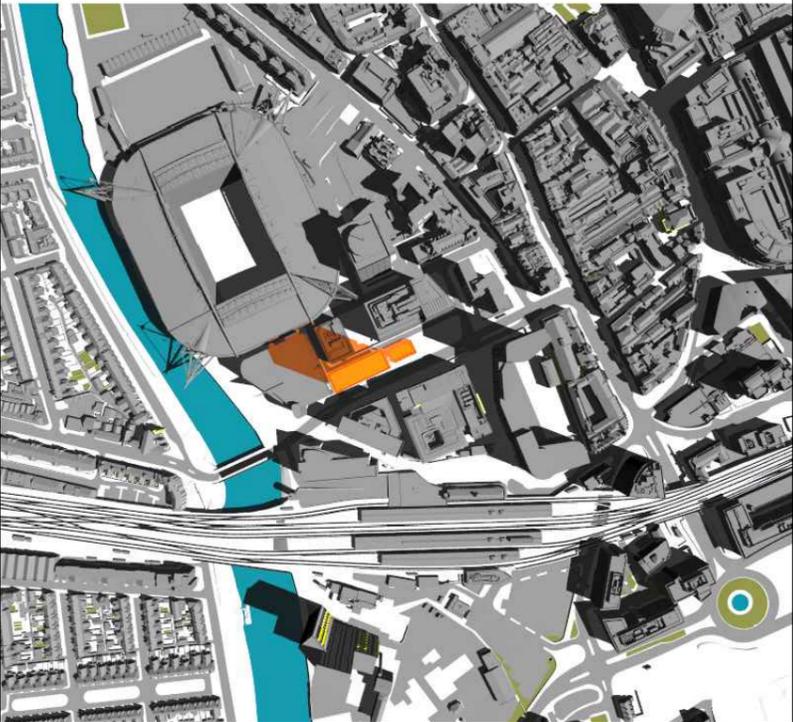
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Jun-21 09.00 AM

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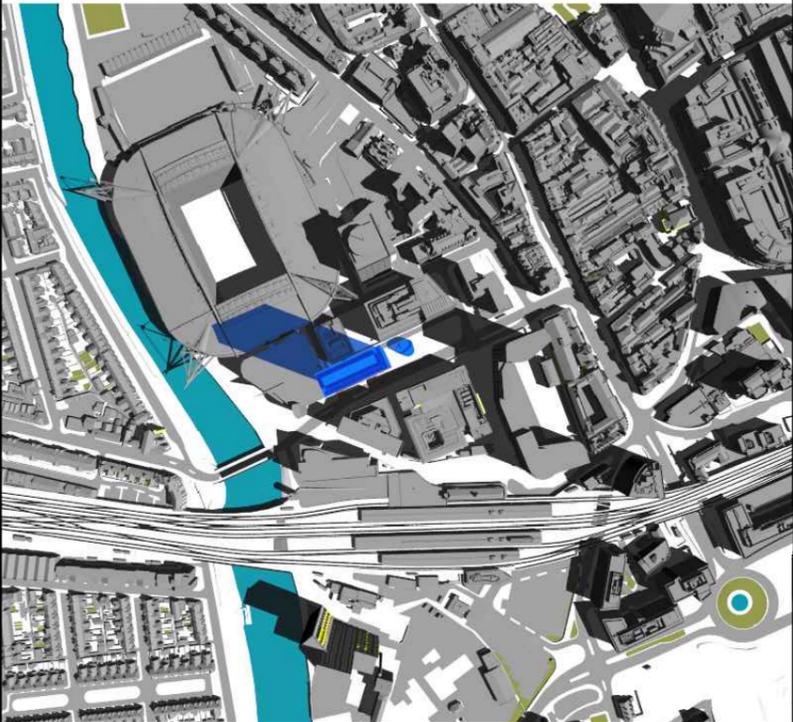
200\_M04-CvP-TRANS  
Jun-21 09.00 AM

CONSENTED



200\_M04-CvP-TRANS  
Jun-21 09.00 AM

PROPOSED



EXISTINGS BUILDINGS SHOWN IN GREEN  
CONSENTED BUILDINGS SHOWN IN ORANGE  
PROPOSED BUILDINGS SHOWN IN BLUE

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REV:	DESCRIPTION:	BY:   DATE:

PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

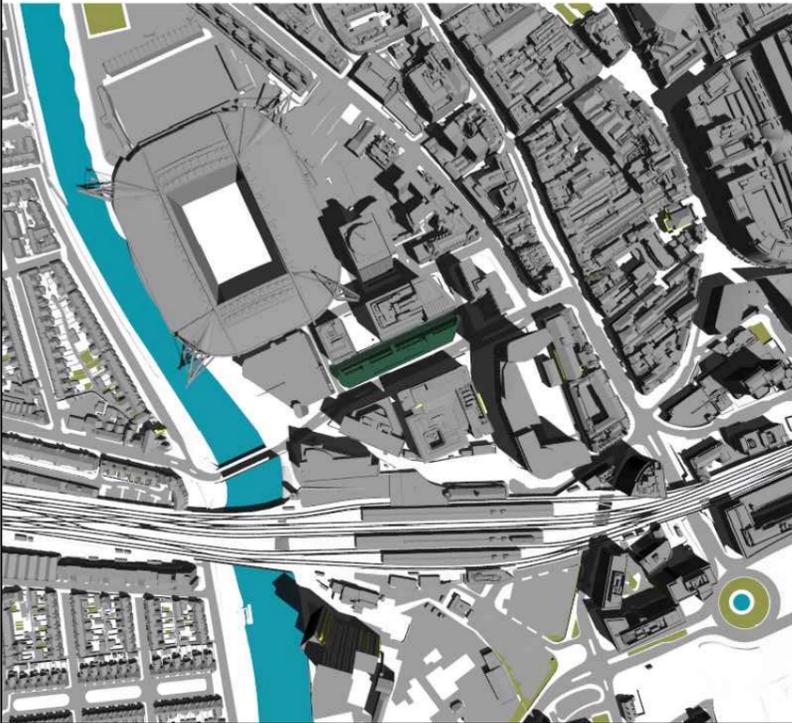
TITLE:  
TRANSIENT OVERSHADOWING  
EXISTING / CONSENTED / PROPOSED

JOB NO:	RELEASE:	DRG NO:
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DATE:	DRAWN:	SCALE:
JUL' 25	CS-01	INDIVIDUAL



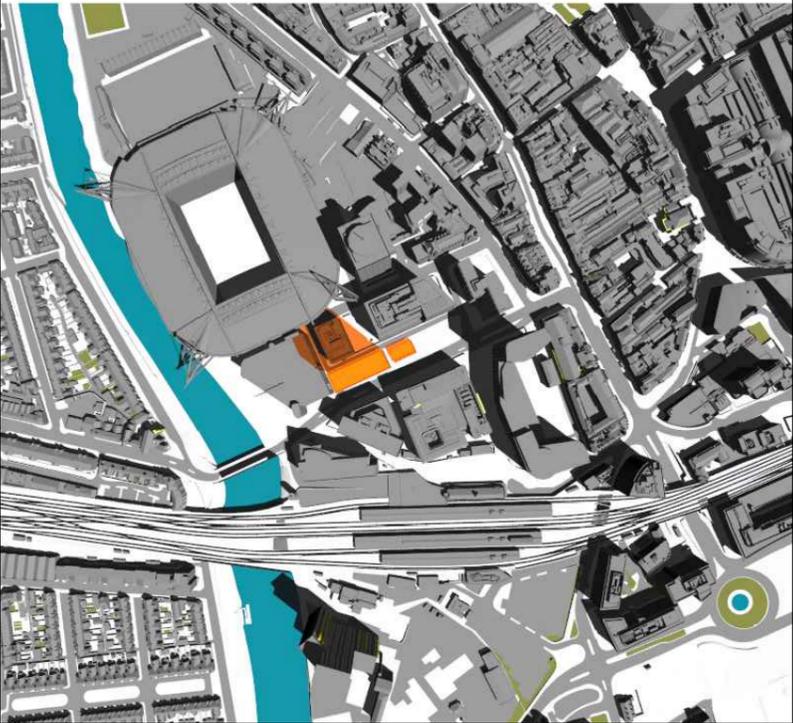
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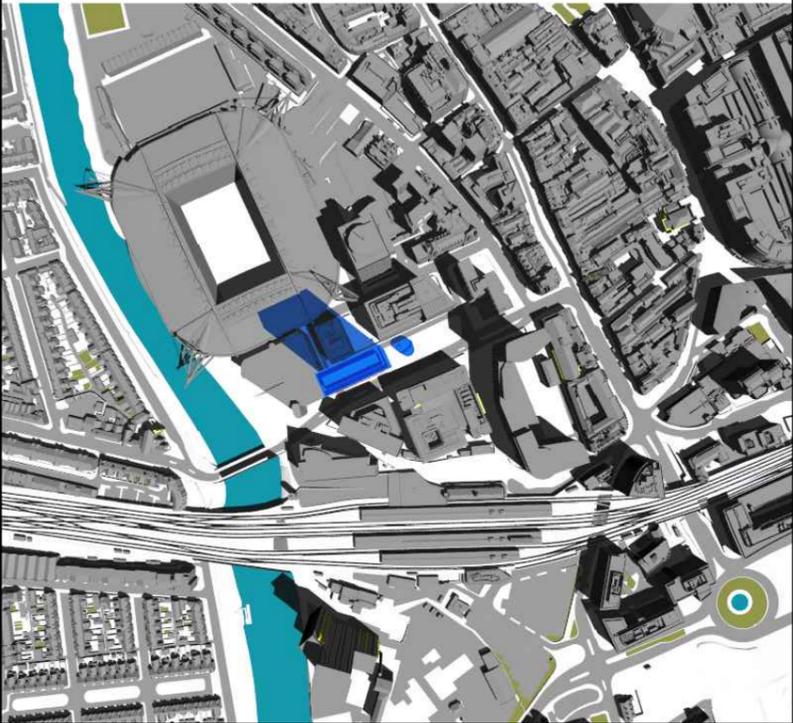
200\_M04-CvP-TRANS  
Jun-21 10.00 AM

CONSENTED



200\_M04-CvP-TRANS  
Jun-21 10.00 AM

PROPOSED



SOURCES OF INFORMATION:

3D CONTEXT MODEL  
ACCUCITIES MODEL  
004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG

200\_M04-EvP-TRANS  
Jun-21 11.00 AM

EXISTING



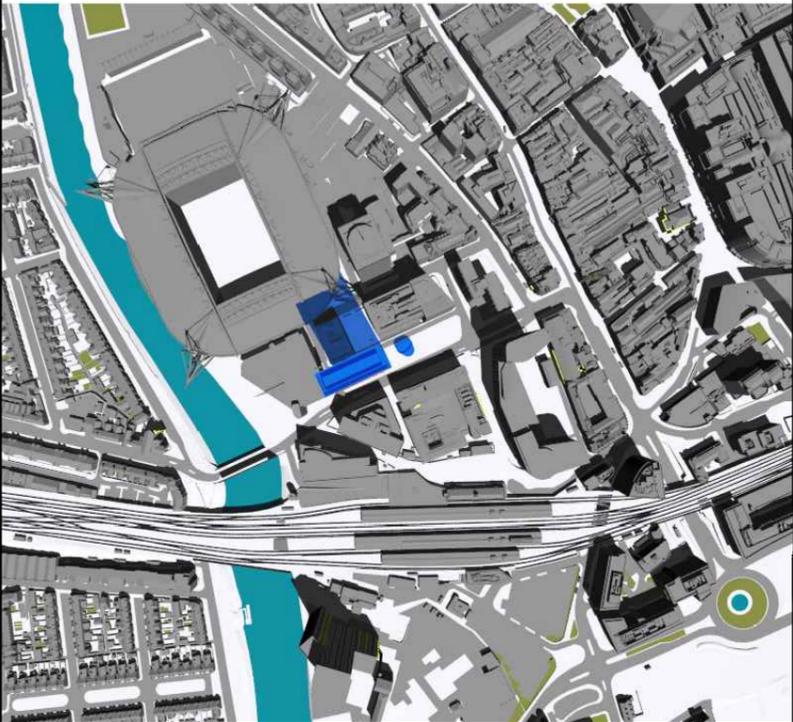
200\_M04-CvP-TRANS  
Jun-21 11.00 AM

CONSENTED



200\_M04-CvP-TRANS  
Jun-21 11.00 AM

PROPOSED



EXISTINGS BUILDINGS SHOWN IN GREEN  
CONSENTED BUILDINGS SHOWN IN ORANGE  
PROPOSED BUILDINGS SHOWN IN BLUE

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REV:	DESCRIPTION:	BY:   DATE:

PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
TRANSIENT OVERSHADOWING  
EXISTING / CONSENTED / PROPOSED

JOB NO:	RELEASE:	DRG NO:
200	04-01	407
DATE:	DRAWN:	SCALE:
JUL' 25	CS-01	INDIVIDUAL



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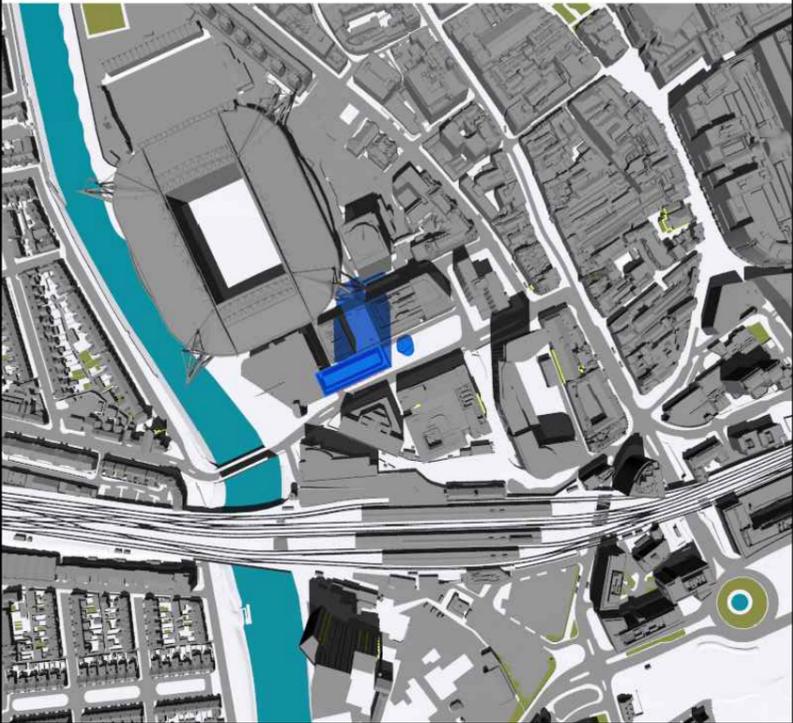
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Jun-21 12.00 PM

CONSENTED



200\_M04-CvP-TRANS  
Jun-21 12.00 PM

PROPOSED



SOURCES OF INFORMATION:

3D CONTEXT MODEL  
ACCUCITIES MODEL  
004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG

200\_M04-EvP-TRANS  
Jun-21 13.00 PM

EXISTING



200\_M04-CvP-TRANS  
Jun-21 13.00 PM

CONSENTED



200\_M04-CvP-TRANS  
Jun-21 13.00 PM

PROPOSED



EXISTINGS BUILDINGS SHOWN IN GREEN  
CONSENTED BUILDINGS SHOWN IN ORANGE  
PROPOSED BUILDINGS SHOWN IN BLUE

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REV:	DESCRIPTION:	BY:   DATE:

PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
TRANSIENT OVERSHADOWING  
EXISTING / CONSENTED / PROPOSED

JOB NO: 200	RELEASE: 04-01	DRG NO: 408
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL



200\_M04-EvP-TRANS  
Jun-21 14.00 PM

EXISTING



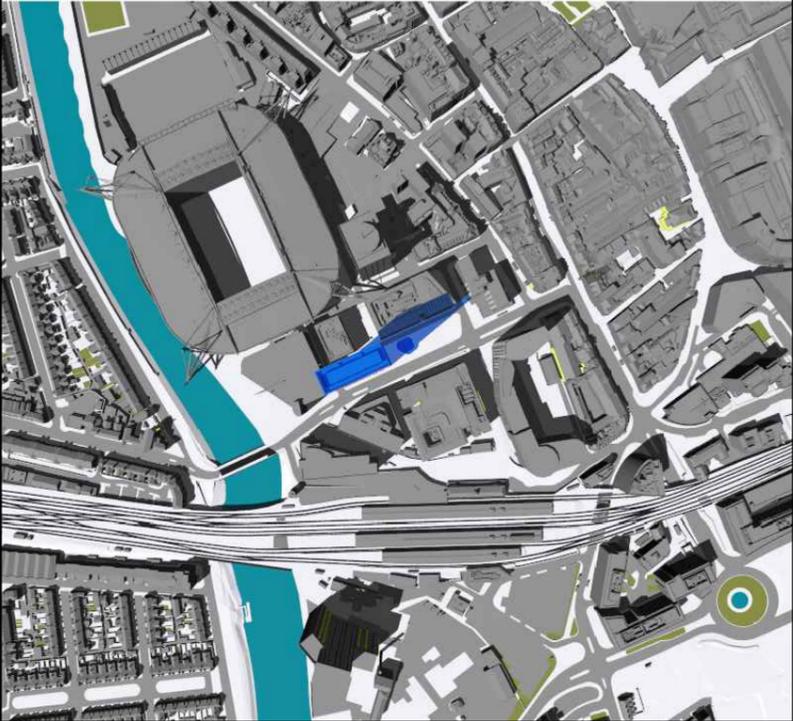
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Jun-21 14.00 PM

CONSENTED



200\_M04-CvP-TRANS  
Jun-21 14.00 PM

PROPOSED



SOURCES OF INFORMATION:

3D CONTEXT MODEL  
ACCUCITIES MODEL  
004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG

200\_M04-EvP-TRANS  
Jun-21 15.00 PM

EXISTING



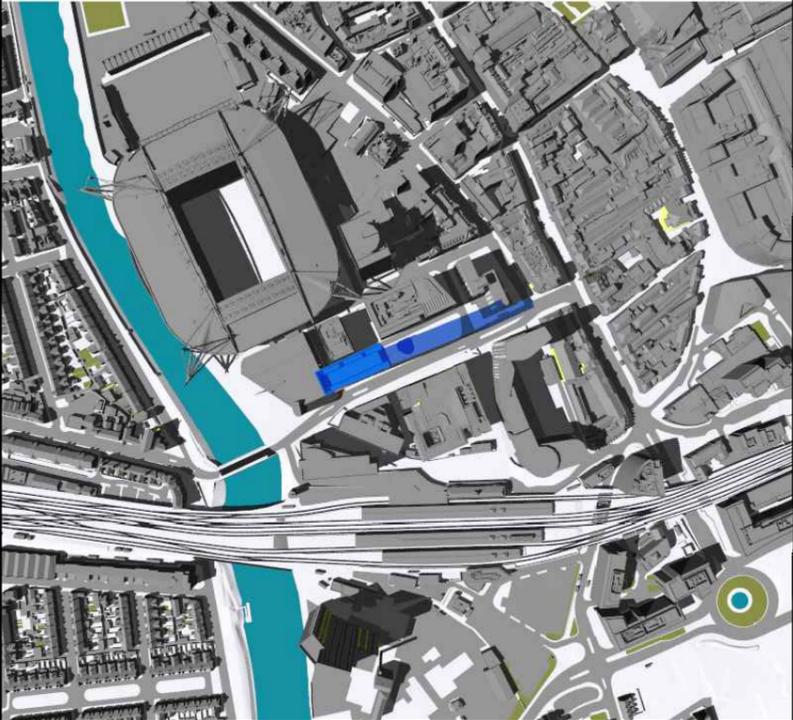
200\_M04-CvP-TRANS  
Jun-21 15.00 PM

CONSENTED



200\_M04-CvP-TRANS  
Jun-21 15.00 PM

PROPOSED



EXISTINGS BUILDINGS SHOWN IN GREEN  
CONSENTED BUILDINGS SHOWN IN ORANGE  
PROPOSED BUILDINGS SHOWN IN BLUE

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REV:	DESCRIPTION:	BY: / DATE:

PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
TRANSIENT OVERSHADOWING  
EXISTING / CONSENTED / PROPOSED

JOB NO: 200	RELEASE: 04-01	DRG NO: 409
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL



200\_M04-EvP-TRANS  
Jun-21 16.00 PM

EXISTING



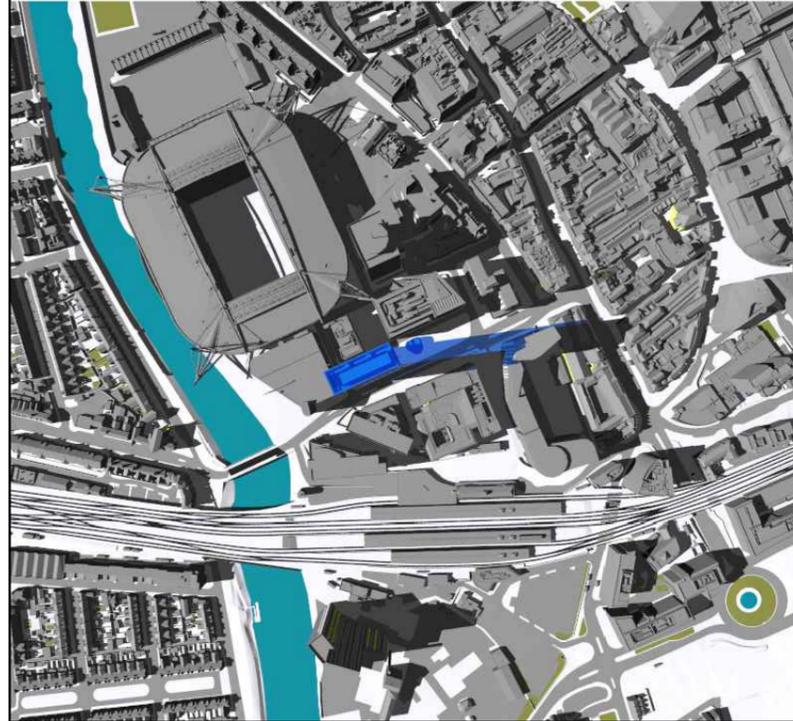
200\_M04-CvP-TRANS  
Jun-21 16.00 PM

CONSENTED



200\_M04-CvP-TRANS  
Jun-21 16.00 PM

PROPOSED



200\_M04-EvP-TRANS  
Jun-21 17.00 PM

EXISTING



200\_M04-CvP-TRANS  
Jun-21 17.00 PM

CONSENTED



200\_M04-CvP-TRANS  
Jun-21 17.00 PM

PROPOSED



SOURCES OF INFORMATION:

3D CONTEXT MODEL  
ACCUCITIES MODEL  
004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG



EXISTINGS BUILDINGS SHOWN IN GREEN  
CONSENTED BUILDINGS SHOWN IN ORANGE  
PROPOSED BUILDINGS SHOWN IN BLUE

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REV:	DESCRIPTION:	BY:   DATE:

PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

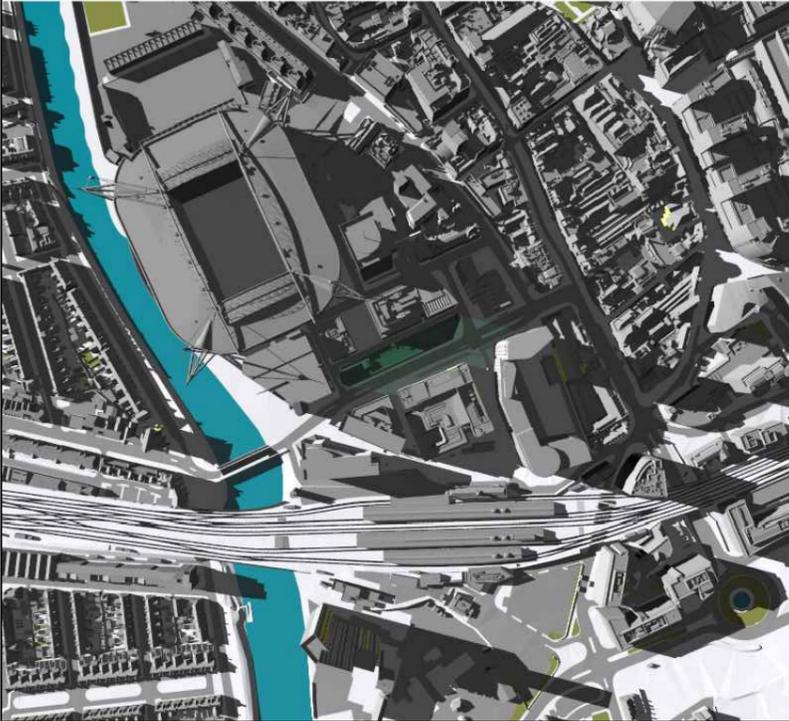
TITLE:  
TRANSIENT OVERSHADOWING  
EXISTING / CONSENTED / PROPOSED

JOB NO:	RELEASE:	DRG NO:
200	04-01	410
DATE:	DRAWN:	SCALE:
JUL' 25	CS-01	INDIVIDUAL



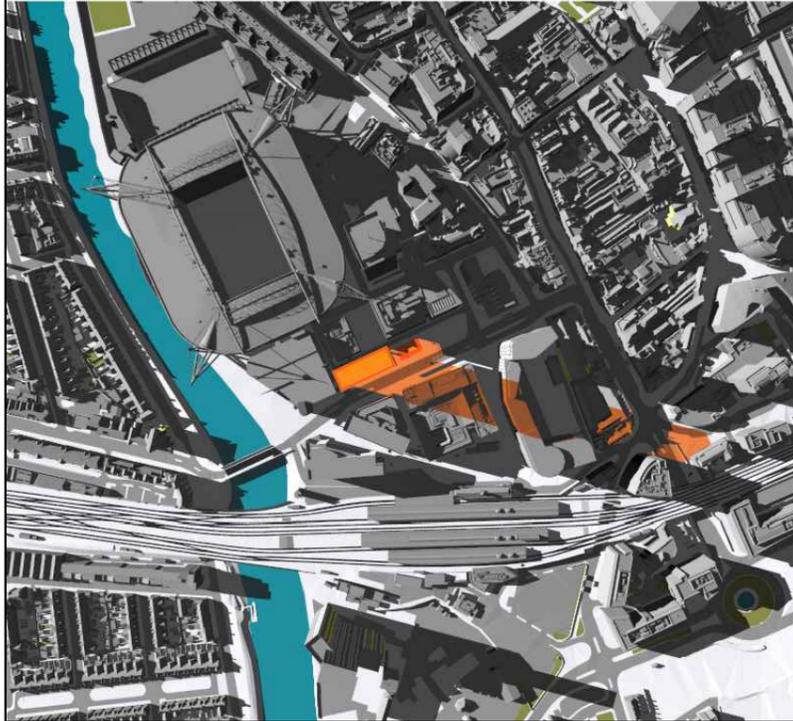
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Jun-21 18.00 PM

EXISTING



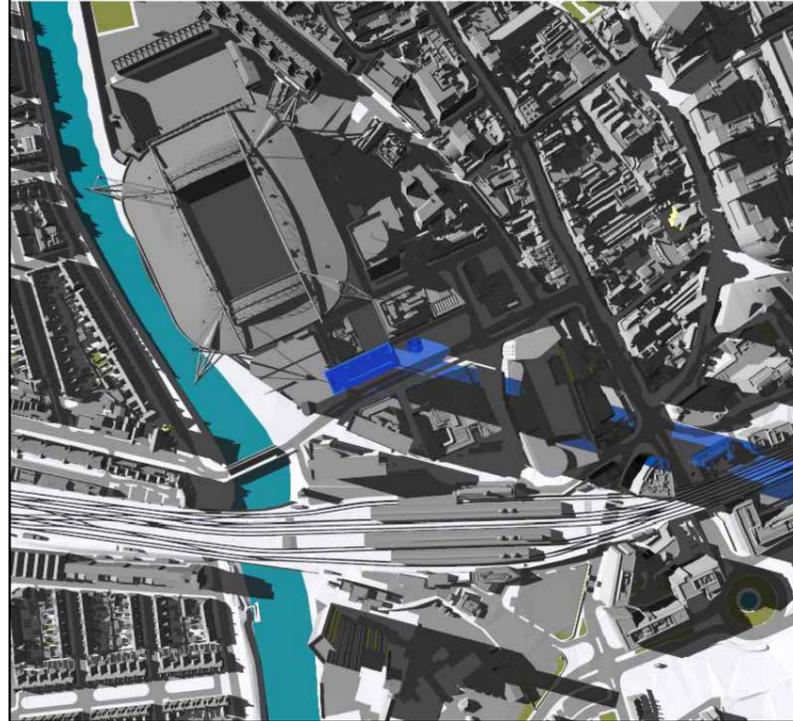
200\_M04-CvP-TRANS  
Jun-21 18.00 PM

CONSENTED



200\_M04-CvP-TRANS  
Jun-21 18.00 PM

PROPOSED



SOURCES OF INFORMATION:

3D CONTEXT MODEL  
ACCUCITIES MODEL  
004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG



EXISTINGS BUILDINGS SHOWN IN GREEN  
CONSENTED BUILDINGS SHOWN IN ORANGE  
PROPOSED BUILDINGS SHOWN IN BLUE

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REV: | DESCRIPTION: | BY: | DATE:

PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
TRANSIENT OVERSHADOWING  
EXISTING / CONSENTED / PROPOSED

JOB NO: 200	RELEASE: 04-01	DRG NO: 411
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL



200\_M04-EvP-TRANS  
Dec-21 10.00 AM

EXISTING



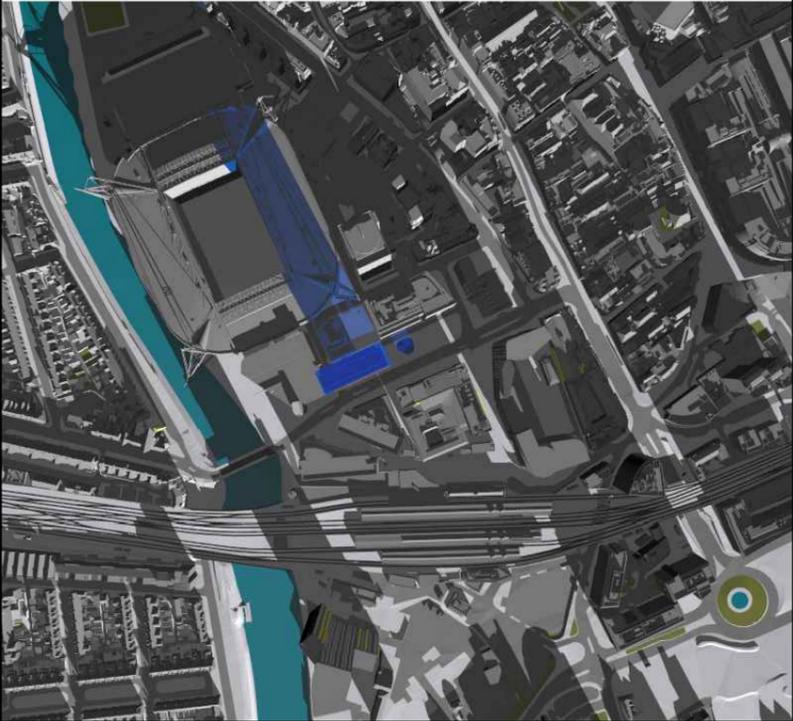
200\_M04-CvP-TRANS  
Dec-21 10.00 AM

CONSENTED



200\_M04-CvP-TRANS  
Dec-21 10.00 AM

PROPOSED



SOURCES OF INFORMATION:

3D CONTEXT MODEL  
ACCUCITIES MODEL  
004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG

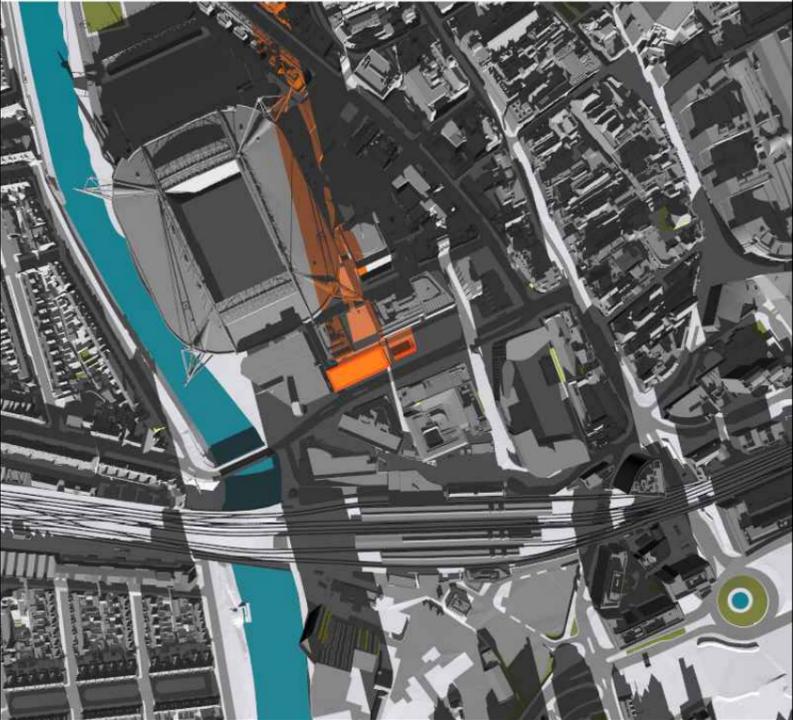
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Dec-21 11.00 AM

EXISTING



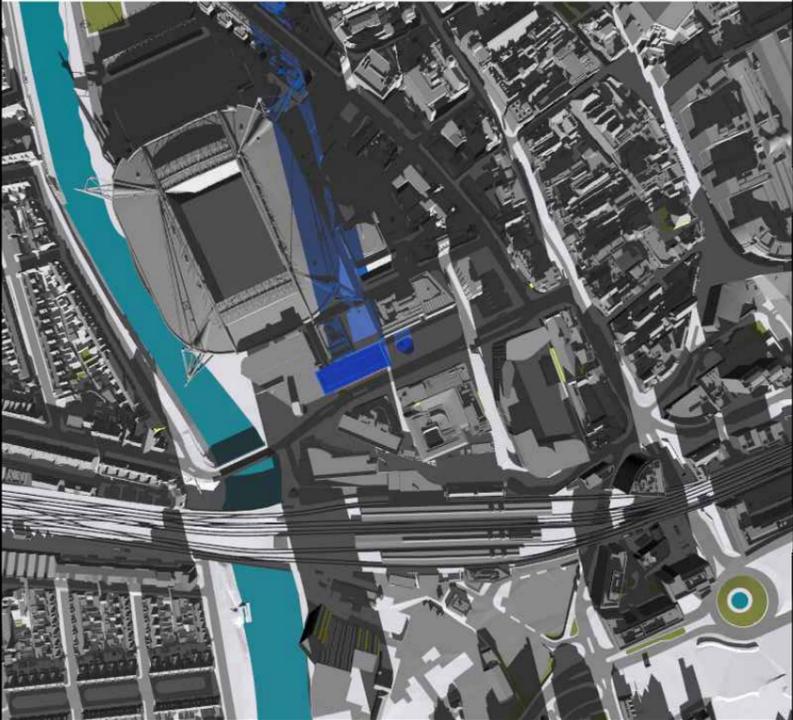
200\_M04-CvP-TRANS  
Dec-21 11.00 AM

CONSENTED



200\_M04-CvP-TRANS  
Dec-21 11.00 AM

PROPOSED



EXISTINGS BUILDINGS SHOWN IN GREEN  
CONSENTED BUILDINGS SHOWN IN ORANGE  
PROPOSED BUILDINGS SHOWN IN BLUE

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REV: DESCRIPTION: BY: DATE:

PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
TRANSIENT OVERSHADOWING  
EXISTING / CONSENTED / PROPOSED

JOB NO: 200	RELEASE: 04-01	DRG NO: 412
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL



200\_M04-EvP-TRANS  
Dec-21 12.00 PM

EXISTING



200\_M04-CvP-TRANS  
Dec-21 12.00 PM

CONSENTED



200\_M04-CvP-TRANS  
Dec-21 12.00 PM

PROPOSED



SOURCES OF INFORMATION:

3D CONTEXT MODEL  
ACCUCITIES MODEL  
004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG

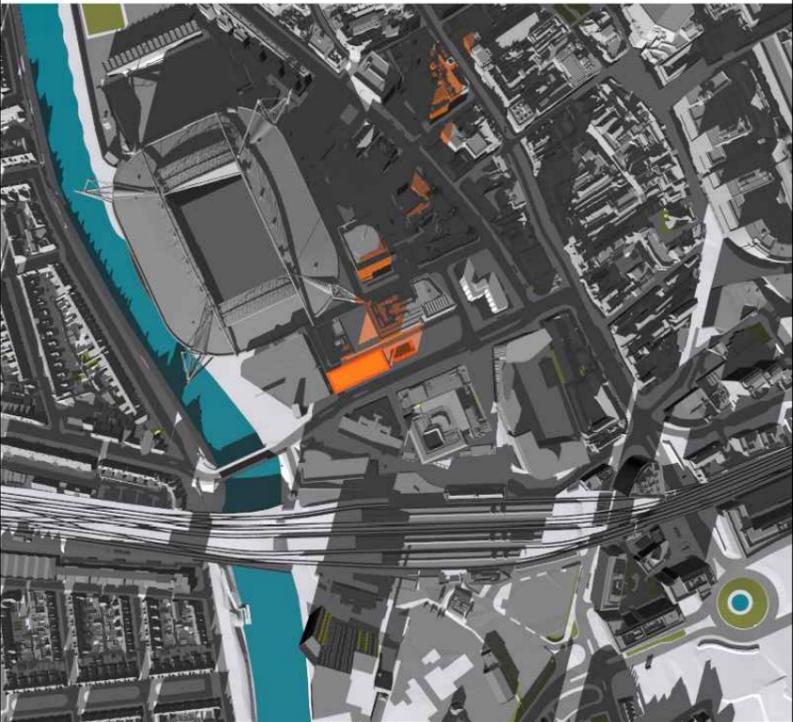
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Dec-21 13.00 PM

EXISTING



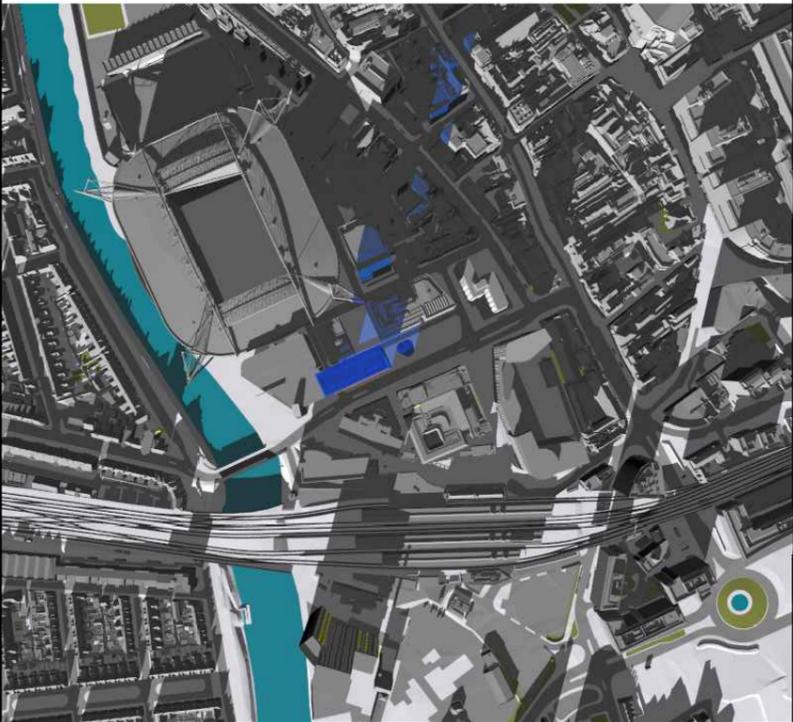
200\_M04-CvP-TRANS  
Dec-21 13.00 PM

CONSENTED



200\_M04-CvP-TRANS  
Dec-21 13.00 PM

PROPOSED



EXISTINGS BUILDINGS SHOWN IN GREEN  
CONSENTED BUILDINGS SHOWN IN ORANGE  
PROPOSED BUILDINGS SHOWN IN BLUE

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PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
TRANSIENT OVERSHADOWING  
EXISTING / CONSENTED / PROPOSED

JOB NO: 200	RELEASE: 04-01	DRG NO: 413
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL



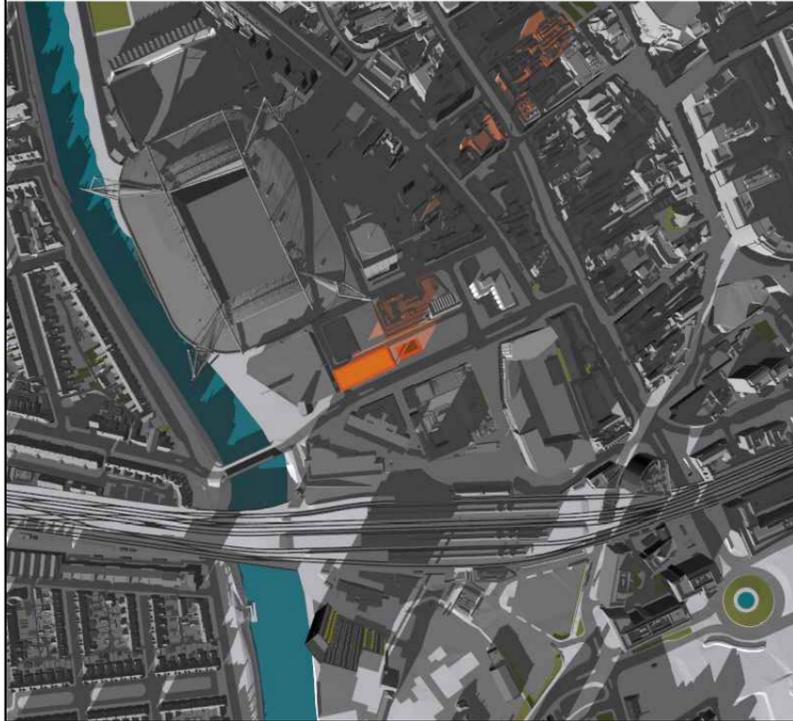
200\_M04-EvP-TRANS  
Dec-21 14.00 PM

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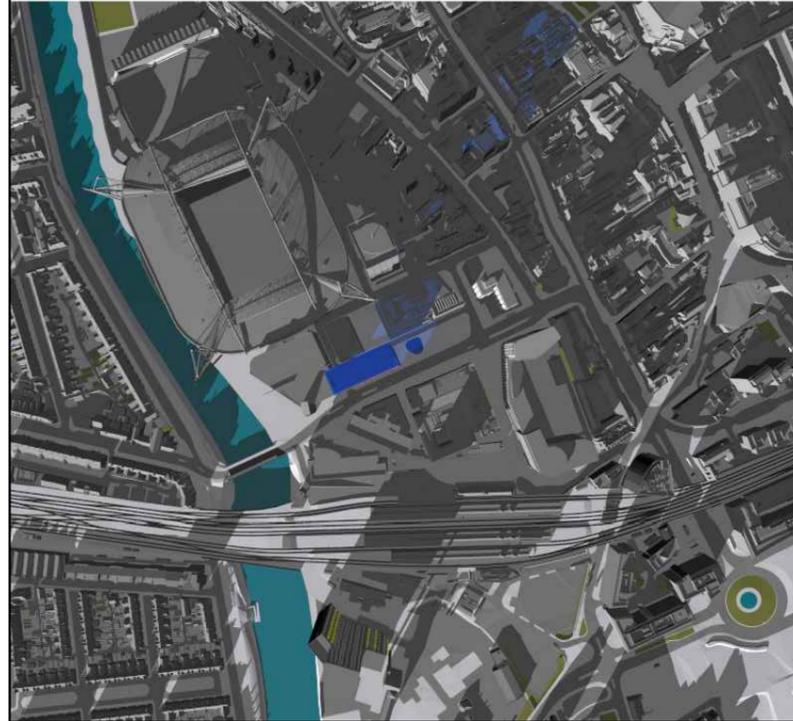
200\_M04-CvP-TRANS  
Dec-21 14.00 PM

CONSENTED



200\_M04-CvP-TRANS  
Dec-21 14.00 PM

PROPOSED



SOURCES OF INFORMATION:

3D CONTEXT MODEL  
ACCUCITIES MODEL  
004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG



EXISTINGS BUILDINGS SHOWN IN GREEN  
CONSENTED BUILDINGS SHOWN IN ORANGE  
PROPOSED BUILDINGS SHOWN IN BLUE

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PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

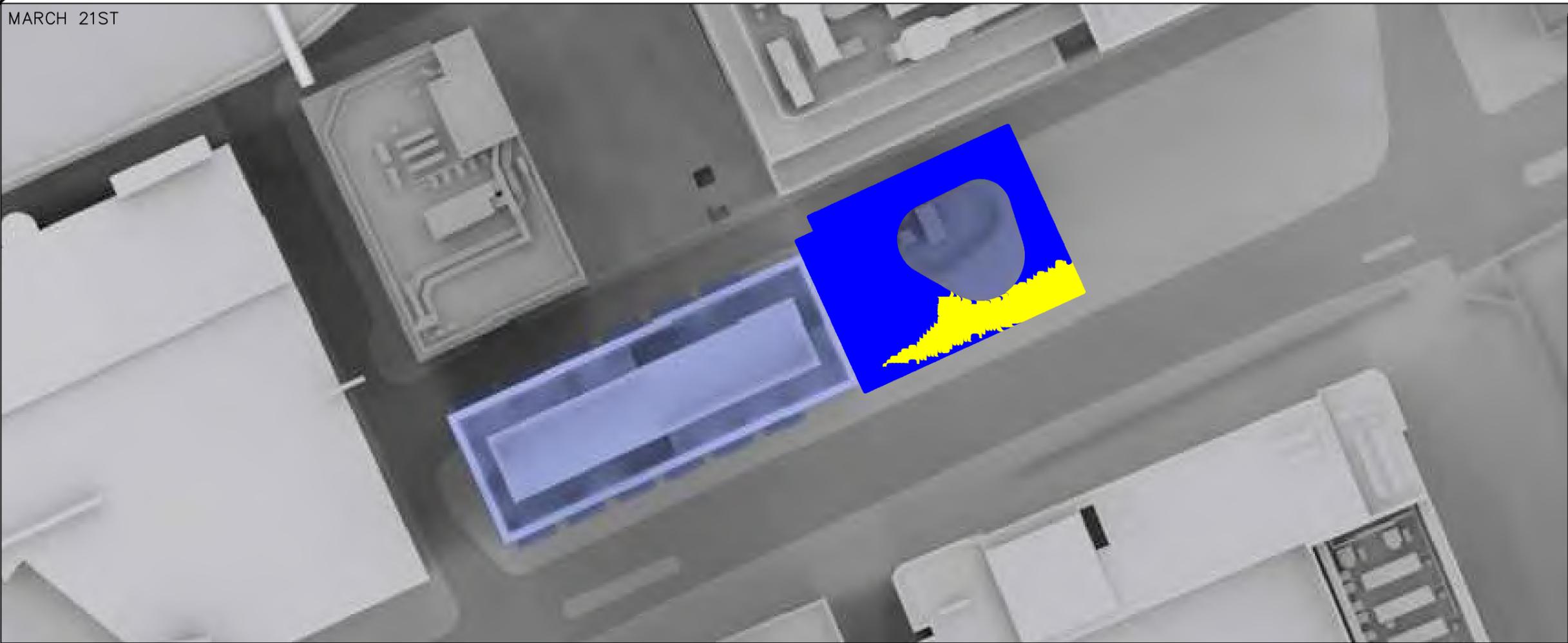
TITLE:  
TRANSIENT OVERSHADOWING  
EXISTING / CONSENTED / PROPOSED

JOB NO: 200	RELEASE: 04-01	DRG NO: 414
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL

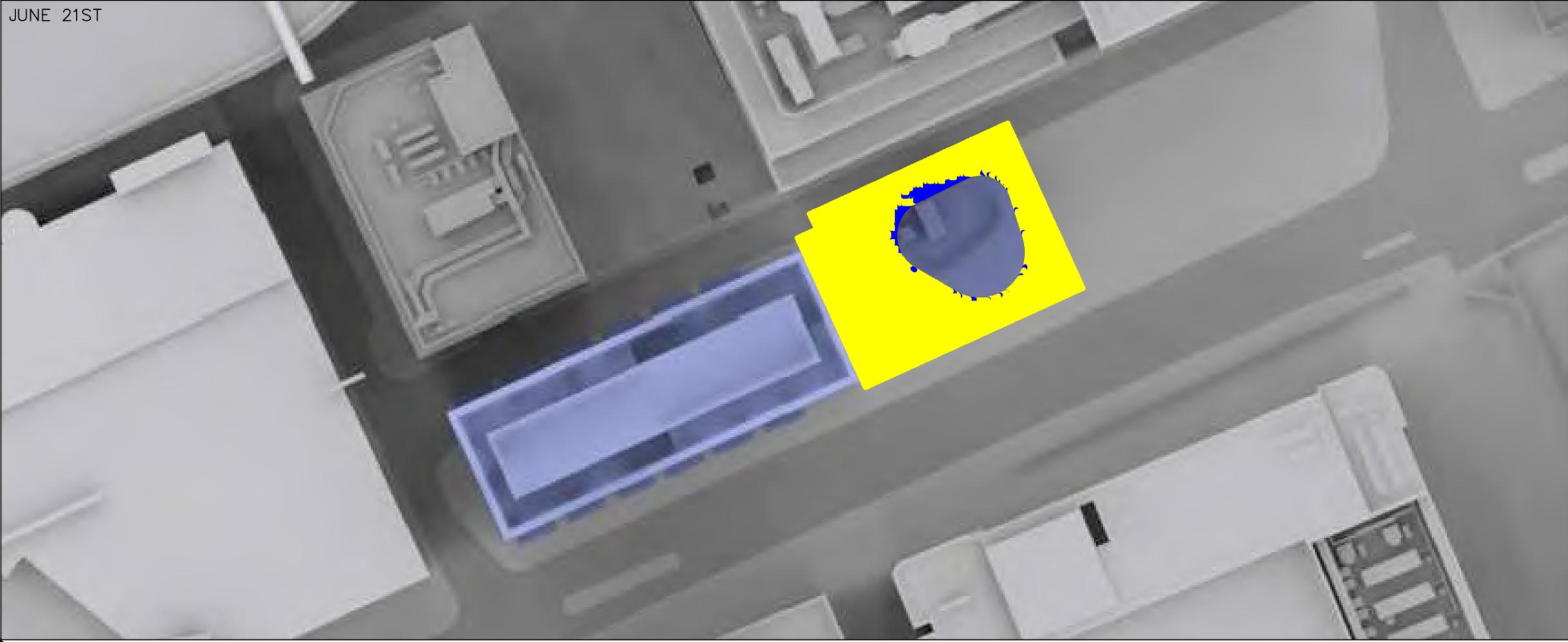


## Sunlight to Proposed Amenity Areas – SOG Analysis

MARCH 21ST



JUNE 21ST



SOURCES OF INFORMATION:

3D CONTEXT MODEL  
ACCUCITIES MODEL  
004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG



■ < 2 HOURS  
 ■ ≥ 2 HOURS

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REV: DESCRIPTION: BY: DATE:

PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
2 HOUR AMENITY TEST  
MARCH 21ST / JUNE 21ST

JOB NO: 200	RELEASE: 04-01	DRG NO: 300
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL



Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Sun-on-Ground Analysis - Internal  
 Date of Analysis: 21/07/2025

Floor Ref	Assessment Date		Amenity Area	Lit Area Proposed	Meets BRE Criteria
<b>Proposed Amenity Area</b>					
Ground	21st March	Area m2	573.99	112.84	NO
		Percentage		20%	
Ground	21st June	Area m2	573.99	558.82	YES
		Percentage		97%	

## Appendix D – Daylight & Sunlight Analysis – Internal Amenity

SDA Analysis – Light Option

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Daylight - SDA Analysis - Light Option  
 Date of Analysis: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Criteria				Meets Criteria
										Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours	
<b>Central Square</b>														
F04	R1	Residential	LKD		26.13	19.81	76	3.88	20%	150	50%	50%	4380	NO
	R2	Residential	Bedroom		11.21	7.52	106	4.62	61%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	93	3.65	42%	100	50%	50%	4380	NO
	R4	Residential	LKD		26.17	20.07	284	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	206	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	194	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	316	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	174	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	215	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	140	9.28	47%	150	50%	50%	4380	NO
	R11	Residential	Bedroom		12.14	8.22	208	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	281	16.43	98%	150	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	228	20.53	94%	150	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	145	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	114	7.69	39%	150	50%	50%	4380	NO
	R16	Residential	Bedroom		11.22	7.53	170	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	151	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	280	20.04	99%	150	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	95	2.24	43%	100	50%	50%	4380	NO
	R20	Residential	Bedroom		8.34	5.20	80	1.50	29%	100	50%	50%	4380	NO
	R21	Residential	LKD		26.17	20.07	132	8.16	41%	150	50%	50%	4380	NO
	R22	Residential	Bedroom		12.56	8.62	74	2.89	34%	100	50%	50%	4380	NO
	R23	Residential	Bedroom		11.21	7.52	95	3.59	48%	100	50%	50%	4380	NO
	R24	Residential	LKD		26.13	19.81	64	3.64	18%	150	50%	50%	4380	NO
	R25	Residential	Bedroom		12.59	8.60	117	5.26	61%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	79	4.22	22%	150	50%	50%	4380	NO
	R27	Residential	LKD		24.98	19.02	84	4.65	24%	150	50%	50%	4380	NO
	R28	Residential	Bedroom		12.61	8.62	124	6.27	73%	100	50%	50%	4380	YES
F05	R1	Residential	LKD		26.13	19.81	85	4.29	22%	150	50%	50%	4380	NO
	R2	Residential	Bedroom		11.21	7.52	120	6.06	81%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	102	4.57	53%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	302	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	213	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	208	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	374	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	211	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	257	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	166	10.97	55%	150	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	247	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	347	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	286	21.60	99%	150	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	181	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	136	9.00	45%	150	50%	50%	4380	NO
	R16	Residential	Bedroom		11.22	7.53	216	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	183	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	331	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	116	3.79	73%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	97	2.61	50%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	166	12.03	60%	150	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	99	4.22	49%	100	50%	50%	4380	NO
	R23	Residential	Bedroom		11.21	7.52	125	6.06	81%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	85	4.80	24%	150	50%	50%	4380	NO
	R25	Residential	Bedroom		12.59	8.60	140	7.35	85%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	94	5.23	28%	150	50%	50%	4380	NO
	R27	Residential	LKD		24.98	19.02	96	5.66	30%	150	50%	50%	4380	NO
	R28	Residential	Bedroom		12.61	8.62	140	7.86	91%	100	50%	50%	4380	YES
F06	R1	Residential	LKD		26.13	19.81	93	4.79	24%	150	50%	50%	4380	NO
	R2	Residential	Bedroom		11.21	7.52	131	7.00	93%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	111	5.87	68%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	321	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	225	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	221	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	424	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	244	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	295	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	199	12.38	62%	150	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	282	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	406	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	353	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	229	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	158	10.45	53%	150	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	267	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	218	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	416	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	144	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	123	4.31	83%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	211	17.37	87%	150	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	122	6.31	73%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	153	7.35	98%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	102	6.12	31%	150	50%	50%	4380	NO
	R25	Residential	Bedroom		12.59	8.60	163	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	106	6.24	33%	150	50%	50%	4380	NO
	R27	Residential	LKD		24.98	19.02	110	6.59	35%	150	50%	50%	4380	NO
	R28	Residential	Bedroom		12.61	8.62	155	8.62	100%	100	50%	50%	4380	YES
F07	R1	Residential	LKD		26.13	19.81	101	5.61	28%	150	50%	50%	4380	NO
	R2	Residential	Bedroom		11.21	7.52	144	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	121	7.84	91%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	339	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	237	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	233	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	457	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	273	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	326	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	221	13.51	68%	150	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	309	8.22	100%	100	50%	50%	4380	YES

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Daylight - SDA Analysis - Light Option  
 Date of Analysis: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Criteria				
										Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours	Meets Criteria
	R20	Residential	Bedroom	LKD	8.34	5.20	209	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	Bedroom	LKD	26.17	20.07	293	19.91	99%	150	50%	50%	4380	YES
	R22	Residential	Bedroom	LKD	12.56	8.62	145	8.33	97%	100	50%	50%	4380	YES
	R23	Residential	Bedroom	LKD	11.21	7.52	175	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	Bedroom	LKD	26.13	19.81	120	7.85	40%	150	50%	50%	4380	NO
	R25	Residential	Bedroom	LKD	12.59	8.60	183	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	Bedroom	LKD	24.98	19.02	120	7.42	39%	150	50%	50%	4380	NO
	R27	Residential	Bedroom	LKD	24.98	19.02	122	7.59	40%	150	50%	50%	4380	NO
	R28	Residential	Bedroom	LKD	12.61	8.62	170	8.62	100%	100	50%	50%	4380	YES
F08	R1	Residential	Bedroom	LKD	26.13	19.81	109	6.26	32%	150	50%	50%	4380	NO
	R2	Residential	Bedroom	LKD	11.21	7.52	156	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom	LKD	12.56	8.62	129	8.40	97%	100	50%	50%	4380	YES
	R4	Residential	Bedroom	LKD	26.17	20.07	356	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom	LKD	8.39	5.24	243	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom	LKD	8.39	5.24	243	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	Bedroom	LKD	26.38	20.28	477	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom	LKD	12.56	8.62	288	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom	LKD	11.22	7.53	344	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	Bedroom	LKD	26.13	19.81	237	14.34	72%	150	50%	50%	4380	YES
	R11	Residential	Bedroom	LKD	12.14	8.22	327	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	Bedroom	LKD	23.30	16.80	486	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	Bedroom	LKD	28.21	21.83	429	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom	LKD	13.01	8.97	296	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	Bedroom	LKD	26.13	19.81	221	13.04	66%	150	50%	50%	4380	YES
	R16	Residential	Bedroom	LKD	11.22	7.53	336	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom	LKD	12.56	8.62	281	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	Bedroom	LKD	26.38	20.28	721	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom	LKD	8.33	5.19	347	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom	LKD	8.34	5.20	308	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	Bedroom	LKD	26.17	20.07	407	20.07	100%	150	50%	50%	4380	YES
	R22	Residential	Bedroom	LKD	12.56	8.62	164	8.56	99%	100	50%	50%	4380	YES
	R23	Residential	Bedroom	LKD	11.21	7.52	194	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	Bedroom	LKD	26.13	19.81	134	8.89	45%	150	50%	50%	4380	NO
	R25	Residential	Bedroom	LKD	12.59	8.60	199	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	Bedroom	LKD	24.98	19.02	130	8.09	43%	150	50%	50%	4380	NO
	R27	Residential	Bedroom	LKD	24.98	19.02	133	8.35	44%	150	50%	50%	4380	NO
	R28	Residential	Bedroom	LKD	12.61	8.62	184	8.62	100%	100	50%	50%	4380	YES
F09	R1	Residential	Bedroom	LKD	26.13	19.81	118	7.31	37%	150	50%	50%	4380	NO
	R2	Residential	Bedroom	LKD	11.21	7.52	169	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom	LKD	12.56	8.62	140	8.56	99%	100	50%	50%	4380	YES
	R4	Residential	Bedroom	LKD	26.17	20.07	370	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom	LKD	8.39	5.24	256	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom	LKD	8.39	5.24	255	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	Bedroom	LKD	26.38	20.28	498	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom	LKD	12.56	8.62	303	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom	LKD	11.22	7.53	362	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	Bedroom	LKD	26.13	19.81	253	15.31	77%	150	50%	50%	4380	YES
	R11	Residential	Bedroom	LKD	12.14	8.22	349	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	Bedroom	LKD	23.30	16.80	512	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	Bedroom	LKD	28.21	21.83	459	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom	LKD	13.01	8.97	319	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	Bedroom	LKD	26.13	19.81	245	14.09	71%	150	50%	50%	4380	YES
	R16	Residential	Bedroom	LKD	11.22	7.53	366	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom	LKD	12.56	8.62	301	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	Bedroom	LKD	26.38	20.28	789	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom	LKD	8.33	5.19	398	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom	LKD	8.34	5.20	371	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	Bedroom	LKD	26.17	20.07	478	20.07	100%	150	50%	50%	4380	YES
	R22	Residential	Bedroom	LKD	12.56	8.62	175	8.62	100%	100	50%	50%	4380	YES
	R23	Residential	Bedroom	LKD	11.21	7.52	210	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	Bedroom	LKD	26.13	19.81	143	9.54	48%	150	50%	50%	4380	NO
	R25	Residential	Bedroom	LKD	12.59	8.60	210	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	Bedroom	LKD	24.98	19.02	139	8.85	47%	150	50%	50%	4380	NO
	R27	Residential	Bedroom	LKD	24.98	19.02	142	8.68	46%	150	50%	50%	4380	NO
	R28	Residential	Bedroom	LKD	12.61	8.62	194	8.62	100%	100	50%	50%	4380	YES
F10	R1	Residential	Bedroom	LKD	26.13	19.81	128	8.14	41%	150	50%	50%	4380	NO
	R2	Residential	Bedroom	LKD	11.21	7.52	180	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom	LKD	12.56	8.62	154	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	Bedroom	LKD	26.17	20.07	387	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom	LKD	8.39	5.24	269	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom	LKD	8.39	5.24	267	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	Bedroom	LKD	26.38	20.28	522	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom	LKD	12.56	8.62	315	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom	LKD	11.22	7.53	377	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	Bedroom	LKD	26.13	19.81	266	15.56	79%	150	50%	50%	4380	YES
	R11	Residential	Bedroom	LKD	12.14	8.22	367	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	Bedroom	LKD	23.30	16.80	526	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	Bedroom	LKD	28.21	21.83	473	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom	LKD	13.01	8.97	331	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	Bedroom	LKD	26.13	19.81	257	14.67	74%	150	50%	50%	4380	YES
	R16	Residential	Bedroom	LKD	11.22	7.53	382	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom	LKD	12.56	8.62	314	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	Bedroom	LKD	26.38	20.28	818	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom	LKD	8.33	5.19	425	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom	LKD	8.34	5.20	400	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	Bedroom	LKD	26.17	20.07	514	20.07	100%	150	50%	50%	4380	YES
	R22	Residential	Bedroom	LKD	12.56	8.62	184	8.62	100%	100	50%	50%	4380	YES
	R23	Residential	Bedroom	LKD	11.21	7.52	219	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	Bedroom	LKD	26.13	19.81	149	9.87	50%	150	50%	50%	4380	YES
	R25	Residential	Bedroom	LKD	12.59	8.60	220	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	Bedroom	LKD	24.98	19.02	148	9.27	49%	150	50%	50%	4380	NO
	R27	Residential	Bedroom	LKD	24.98	19.02	150	9.52	50%	150	50%	50%	4380	YES
	R28	Residential	Bedroom	LKD	12.61	8.62	202	8.62	100%	100	50%	50%	4380	YES
F11	R1	Residential	Bedroom	LKD	26.13	19.81	138	8.89	45%	150	50%	50%	4380	NO
	R2	Residential	Bedroom	LKD	11.21	7.52	194	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom	LKD	12.56	8.62	163	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	Bedroom	LKD	26.17	20.07	410	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom	LKD	8.39	5.24	276	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom	LKD	8.39	5.24	276	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	Bedroom	LKD	26.38	20.28	543	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom	LKD	12.56	8.62	329	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom	LKD	11.22	7.53	387	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	Bedroom	LKD	26.13	19.81	274	15.89	80%	150	50%	50%	4380	YES

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Daylight - SDA Analysis - Light Option  
 Date of Analysis: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Criteria				Meets Criteria
										Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours	
	R14	Residential	Bedroom	LKD	13.01	8.97	339	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	Bedroom	LKD	26.13	19.81	265	15.16	76%	150	50%	50%	4380	YES
	R16	Residential	Bedroom	LKD	11.22	7.53	387	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom	LKD	12.56	8.62	324	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	Bedroom	LKD	26.38	20.28	839	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom	LKD	8.33	5.19	451	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom	LKD	8.34	5.20	427	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	Bedroom	LKD	26.17	20.07	546	20.07	100%	150	50%	50%	4380	YES
	R22	Residential	Bedroom	LKD	12.56	8.62	193	8.62	100%	100	50%	50%	4380	YES
	R23	Residential	Bedroom	LKD	11.21	7.52	226	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	Bedroom	LKD	26.13	19.81	156	10.29	52%	150	50%	50%	4380	YES
	R25	Residential	Bedroom	LKD	12.59	8.60	230	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	Bedroom	LKD	24.98	19.02	157	10.01	53%	150	50%	50%	4380	YES
	R27	Residential	Bedroom	LKD	24.98	19.02	158	9.69	51%	150	50%	50%	4380	YES
	R28	Residential	Bedroom	LKD	12.61	8.62	212	8.62	100%	100	50%	50%	4380	YES
F12	R1	Residential	Bedroom	LKD	26.13	19.81	143	9.54	48%	150	50%	50%	4380	NO
	R2	Residential	Bedroom	LKD	11.21	7.52	205	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom	LKD	12.56	8.62	173	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	Bedroom	LKD	26.17	20.07	429	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom	LKD	8.39	5.24	286	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom	LKD	8.39	5.24	282	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	Bedroom	LKD	26.38	20.28	558	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom	LKD	12.56	8.62	342	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom	LKD	11.22	7.53	397	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	Bedroom	LKD	26.13	19.81	286	16.06	81%	150	50%	50%	4380	YES
	R11	Residential	Bedroom	LKD	12.14	8.22	387	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	Bedroom	LKD	23.30	16.80	554	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	Bedroom	LKD	28.21	21.83	497	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom	LKD	13.01	8.97	348	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	Bedroom	LKD	26.13	19.81	272	15.32	77%	150	50%	50%	4380	YES
	R16	Residential	Bedroom	LKD	11.22	7.53	396	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom	LKD	12.56	8.62	331	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	Bedroom	LKD	26.38	20.28	855	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom	LKD	8.33	5.19	457	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom	LKD	8.34	5.20	444	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	Bedroom	LKD	26.17	20.07	572	20.07	100%	150	50%	50%	4380	YES
	R22	Residential	Bedroom	LKD	12.56	8.62	198	8.62	100%	100	50%	50%	4380	YES
	R23	Residential	Bedroom	LKD	11.21	7.52	234	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	Bedroom	LKD	26.13	19.81	159	10.57	53%	150	50%	50%	4380	YES
	R25	Residential	Bedroom	LKD	12.59	8.60	241	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	Bedroom	LKD	24.98	19.02	162	10.53	55%	150	50%	50%	4380	YES
	R27	Residential	Bedroom	LKD	24.98	19.02	163	10.36	54%	150	50%	50%	4380	YES
	R28	Residential	Bedroom	LKD	12.61	8.62	229	8.62	100%	100	50%	50%	4380	YES
F13	R1	Residential	Bedroom	LKD	26.13	19.81	148	9.79	49%	150	50%	50%	4380	NO
	R2	Residential	Bedroom	LKD	11.21	7.52	212	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom	LKD	12.56	8.62	182	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	Bedroom	LKD	26.17	20.07	440	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom	LKD	8.39	5.24	293	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom	LKD	8.39	5.24	289	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	Bedroom	LKD	26.38	20.28	575	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom	LKD	12.56	8.62	346	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom	LKD	11.22	7.53	403	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	Bedroom	LKD	26.13	19.81	287	16.12	81%	150	50%	50%	4380	YES
	R11	Residential	Bedroom	LKD	12.14	8.22	393	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	Bedroom	LKD	23.30	16.80	569	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	Bedroom	LKD	28.21	21.83	510	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom	LKD	13.01	8.97	354	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	Bedroom	LKD	26.13	19.81	282	15.57	79%	150	50%	50%	4380	YES
	R16	Residential	Bedroom	LKD	11.22	7.53	403	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom	LKD	12.56	8.62	343	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	Bedroom	LKD	26.38	20.28	870	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom	LKD	8.33	5.19	463	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom	LKD	8.34	5.20	448	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	Bedroom	LKD	26.17	20.07	585	20.07	100%	150	50%	50%	4380	YES
	R22	Residential	Bedroom	LKD	12.56	8.62	205	8.62	100%	100	50%	50%	4380	YES
	R23	Residential	Bedroom	LKD	11.21	7.52	240	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	Bedroom	LKD	26.13	19.81	169	10.90	55%	150	50%	50%	4380	YES
	R25	Residential	Bedroom	LKD	12.59	8.60	248	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	Bedroom	LKD	24.98	19.02	168	10.70	56%	150	50%	50%	4380	YES
	R27	Residential	Bedroom	LKD	24.98	19.02	166	10.61	56%	150	50%	50%	4380	YES
	R28	Residential	Bedroom	LKD	12.61	8.62	238	8.62	100%	100	50%	50%	4380	YES
F14	R1	Residential	Bedroom	LKD	26.13	19.81	153	10.12	51%	150	50%	50%	4380	YES
	R2	Residential	Bedroom	LKD	11.21	7.52	221	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom	LKD	12.56	8.62	189	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	Bedroom	LKD	26.17	20.07	453	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom	LKD	8.39	5.24	304	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom	LKD	8.39	5.24	295	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	Bedroom	LKD	26.38	20.28	585	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom	LKD	12.56	8.62	349	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom	LKD	11.22	7.53	411	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	Bedroom	LKD	26.13	19.81	292	16.37	83%	150	50%	50%	4380	YES
	R11	Residential	Bedroom	LKD	12.14	8.22	401	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	Bedroom	LKD	23.30	16.80	576	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	Bedroom	LKD	28.21	21.83	519	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom	LKD	13.01	8.97	355	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	Bedroom	LKD	26.13	19.81	292	15.89	80%	150	50%	50%	4380	YES
	R16	Residential	Bedroom	LKD	11.22	7.53	411	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom	LKD	12.56	8.62	343	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	Bedroom	LKD	26.38	20.28	880	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom	LKD	8.33	5.19	467	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom	LKD	8.34	5.20	451	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	Bedroom	LKD	26.17	20.07	600	20.07	100%	150	50%	50%	4380	YES
	R22	Residential	Bedroom	LKD	12.56	8.62	208	8.62	100%	100	50%	50%	4380	YES
	R23	Residential	Bedroom	LKD	11.21	7.52	249	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	Bedroom	LKD	26.13	19.81	171	11.15	56%	150	50%	50%	4380	YES
	R25	Residential	Bedroom	LKD	12.59	8.60	254	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	Bedroom	LKD	24.98	19.02	173	11.20	59%	150	50%	50%	4380	YES
	R27	Residential	Bedroom	LKD	24.98	19.02	175	11.12	58%	150	50%	50%	4380	YES
	R28	Residential	Bedroom	LKD	12.61	8.62	246	8.62	100%	100	50%	50%	4380	YES
F15	R1	Residential	Bedroom	LKD	26.13	19.81	160	10.49	53%	150	50%	50%	4380	YES
	R2	Residential	Bedroom	LKD	11.21	7.52	228	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom	LKD	12.56	8.62	193	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	Bedroom	LKD	26.17	20.07	461	20.07	100%	150	50%			

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Daylight - SDA Analysis - Light Option  
 Date of Analysis: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Criteria				Meets Criteria
										Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours	
	R8	Residential	Bedroom		12.56	8.62	357	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	418	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	292	16.37	83%	150	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	407	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	584	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	526	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	366	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	292	16.06	81%	150	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	415	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	352	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	884	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	469	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	454	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	602	20.07	100%	150	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	213	8.62	100%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	251	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	177	11.24	57%	150	50%	50%	4380	YES
	R25	Residential	Bedroom		12.59	8.60	258	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	176	11.37	60%	150	50%	50%	4380	YES
	R27	Residential	LKD		24.98	19.02	179	11.37	60%	150	50%	50%	4380	YES
	R28	Residential	Bedroom		12.61	8.62	252	8.62	100%	100	50%	50%	4380	YES
F16	R1	Residential	LKD		26.13	19.81	166	10.81	55%	150	50%	50%	4380	YES
	R2	Residential	Bedroom		11.21	7.52	232	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	196	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	470	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	312	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	302	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	598	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	358	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	429	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	298	16.29	82%	150	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	410	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	589	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	529	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	372	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	302	16.06	81%	150	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	424	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	356	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	890	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	471	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	452	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	608	20.07	100%	150	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	217	8.62	100%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	254	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	179	11.80	60%	150	50%	50%	4380	YES
	R25	Residential	Bedroom		12.59	8.60	261	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	183	11.87	62%	150	50%	50%	4380	YES
	R27	Residential	LKD		24.98	19.02	184	11.78	62%	150	50%	50%	4380	YES
	R28	Residential	Bedroom		12.61	8.62	257	8.62	100%	100	50%	50%	4380	YES
F17	R1	Residential	LKD		26.13	19.81	170	10.97	55%	150	50%	50%	4380	YES
	R2	Residential	Bedroom		11.21	7.52	240	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	202	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	475	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	317	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	310	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	606	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	359	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	427	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	300	16.37	83%	150	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	411	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	603	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	536	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	377	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	302	16.22	82%	150	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	424	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	358	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	891	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	466	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	450	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	610	20.07	100%	150	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	221	8.62	100%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	260	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	186	12.22	62%	150	50%	50%	4380	YES
	R25	Residential	Bedroom		12.59	8.60	266	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	187	12.12	64%	150	50%	50%	4380	YES
	R27	Residential	LKD		24.98	19.02	189	11.87	62%	150	50%	50%	4380	YES
	R28	Residential	Bedroom		12.61	8.62	265	8.62	100%	100	50%	50%	4380	YES
F18	R1	Residential	LKD		26.13	19.81	174	11.14	56%	150	50%	50%	4380	YES
	R2	Residential	Bedroom		11.21	7.52	242	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	204	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	480	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	318	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	310	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	610	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	360	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	429	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	296	16.46	83%	150	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	417	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	608	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	543	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	380	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	305	16.06	81%	150	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	427	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	363	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	885	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	472	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	447	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	609	20.07	100%	150	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	223	8.62	100%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	266	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	185	12.14	61%	150	50%	50%	4380	YES
	R25	Residential	Bedroom		12.59	8.60	269	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	189	12.44	65%	150	50%	50%	4380	YES
	R27	Residential	LKD		24.98	19.02	193	12.11	64%	150	50%	50%	4380	YES
	R28	Residential	Bedroom		12.61	8.62	265	8.62	100%	100	50%	50%	4380	

Project Name: Central Square, Cardiff  
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Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Criteria				
										Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours	Meets Criteria
	R2	Residential	Bedroom		11.21	7.52	247	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	207	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	487	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	325	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	317	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	617	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	361	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	427	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	299	16.37	83%	150	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	415	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	609	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	545	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	380	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	303	16.22	82%	150	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	431	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	364	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	887	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	468	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	448	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	617	20.07	100%	150	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	227	8.62	100%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	267	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	187	12.22	62%	150	50%	50%	4380	YES
	R25	Residential	Bedroom		12.59	8.60	274	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	195	12.44	65%	150	50%	50%	4380	YES
	R27	Residential	LKD		24.98	19.02	196	12.19	64%	150	50%	50%	4380	YES
	R28	Residential	Bedroom		12.61	8.62	270	8.62	100%	100	50%	50%	4380	YES
F20	R1	Residential	LKD		26.13	19.81	180	11.63	59%	150	50%	50%	4380	YES
	R2	Residential	Bedroom		11.21	7.52	250	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	213	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	490	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	326	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	319	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	619	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	364	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	435	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	297	16.37	83%	150	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	416	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	612	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	549	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	382	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	302	16.14	81%	150	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	432	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	361	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	891	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	467	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	442	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	609	20.07	100%	150	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	230	8.62	100%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	269	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	191	12.39	63%	150	50%	50%	4380	YES
	R25	Residential	Bedroom		12.59	8.60	282	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	199	12.78	67%	150	50%	50%	4380	YES
	R27	Residential	LKD		24.98	19.02	201	12.61	66%	150	50%	50%	4380	YES
	R28	Residential	Bedroom		12.61	8.62	277	8.62	100%	100	50%	50%	4380	YES
F21	R1	Residential	LKD		26.13	19.81	183	11.96	60%	150	50%	50%	4380	YES
	R2	Residential	Bedroom		11.21	7.52	252	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	215	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	498	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	330	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	319	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	626	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	365	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	430	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	300	16.46	83%	150	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	419	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	614	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	552	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	381	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	301	16.06	81%	150	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	428	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	365	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	884	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	465	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	446	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	616	20.07	100%	150	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	232	8.62	100%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	275	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	192	12.30	62%	150	50%	50%	4380	YES
	R25	Residential	Bedroom		12.59	8.60	282	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	205	12.86	68%	150	50%	50%	4380	YES
	R27	Residential	LKD		24.98	19.02	203	12.78	67%	150	50%	50%	4380	YES
	R28	Residential	Bedroom		12.61	8.62	282	8.62	100%	100	50%	50%	4380	YES
F22	R1	Residential	LKD		26.13	19.81	186	12.12	61%	150	50%	50%	4380	YES
	R2	Residential	Bedroom		11.21	7.52	257	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	219	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	499	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	327	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	321	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	632	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	367	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	431	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	300	16.37	83%	150	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	423	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	615	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	551	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	381	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	301	16.22	82%	150	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	434	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	367	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	887	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	462	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	443	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	615	20.07	100%	150	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	230	8.62	100%	100	50%	50%	4380	YES

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Daylight - SDA Analysis - Light Option  
 Date of Analysis: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Criteria				
										Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours	Meets Criteria
	R24	Residential	LKD		26.13	19.81	198	12.37	62%	150	50%	50%	4380	YES
	R25	Residential	Bedroom		12.59	8.60	283	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	208	12.78	67%	150	50%	50%	4380	YES
	R27	Residential	LKD		24.98	19.02	203	12.78	67%	150	50%	50%	4380	YES
	R28	Residential	Bedroom		12.61	8.62	286	8.62	100%	100	50%	50%	4380	YES
F23	R1	Residential	LKD		26.13	19.81	187	12.12	61%	150	50%	50%	4380	YES
	R2	Residential	Bedroom		11.21	7.52	260	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	218	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	501	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	333	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	323	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	633	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	363	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	432	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	299	16.46	83%	150	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	418	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	616	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	551	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	383	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	306	16.22	82%	150	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	435	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	363	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	883	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	461	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	442	5.20	100%	100	50%	50%	4380	YES
R21	Residential	LKD		26.17	20.07	618	20.07	100%	150	50%	50%	4380	YES	
R22	Residential	Bedroom		12.56	8.62	230	8.62	100%	100	50%	50%	4380	YES	
R23	Residential	Bedroom		11.21	7.52	274	7.52	100%	100	50%	50%	4380	YES	
R24	Residential	LKD		26.13	19.81	195	12.46	63%	150	50%	50%	4380	YES	
R25	Residential	Bedroom		12.59	8.60	283	8.60	100%	100	50%	50%	4380	YES	
R26	Residential	LKD		24.98	19.02	206	12.76	67%	150	50%	50%	4380	YES	
R27	Residential	LKD		24.98	19.02	205	12.86	68%	150	50%	50%	4380	YES	
R28	Residential	Bedroom		12.61	8.62	286	8.62	100%	100	50%	50%	4380	YES	
F24	R1	Residential	LKD		26.13	19.81	190	12.14	61%	150	50%	50%	4380	YES
	R2	Residential	Bedroom		11.21	7.52	261	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	221	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	503	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	336	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	326	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	632	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	367	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	430	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	300	16.37	83%	150	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	420	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	615	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	552	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	385	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	303	16.14	81%	150	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	438	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	364	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	883	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	463	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	439	5.20	100%	100	50%	50%	4380	YES
R21	Residential	LKD		26.17	20.07	618	20.07	100%	150	50%	50%	4380	YES	
R22	Residential	Bedroom		12.56	8.62	232	8.62	100%	100	50%	50%	4380	YES	
R23	Residential	Bedroom		11.21	7.52	279	7.52	100%	100	50%	50%	4380	YES	
R24	Residential	LKD		26.13	19.81	197	12.46	63%	150	50%	50%	4380	YES	
R25	Residential	Bedroom		12.59	8.60	289	8.60	100%	100	50%	50%	4380	YES	
R26	Residential	LKD		24.98	19.02	208	12.93	68%	150	50%	50%	4380	YES	
R27	Residential	LKD		24.98	19.02	208	12.93	68%	150	50%	50%	4380	YES	
R28	Residential	Bedroom		12.61	8.62	292	8.62	100%	100	50%	50%	4380	YES	
F25	R1	Residential	LKD		26.13	19.81	190	12.21	62%	150	50%	50%	4380	YES
	R2	Residential	Bedroom		11.21	7.52	262	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	222	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	505	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	334	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	330	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	635	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	370	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	425	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	296	16.29	82%	150	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	418	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	619	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	550	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	384	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	301	16.39	83%	150	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	435	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	369	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	883	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	461	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	440	5.20	100%	100	50%	50%	4380	YES
R21	Residential	LKD		26.17	20.07	620	20.07	100%	150	50%	50%	4380	YES	
R22	Residential	Bedroom		12.56	8.62	234	8.62	100%	100	50%	50%	4380	YES	
R23	Residential	Bedroom		11.21	7.52	275	7.52	100%	100	50%	50%	4380	YES	
R24	Residential	LKD		26.13	19.81	196	12.37	62%	150	50%	50%	4380	YES	
R25	Residential	Bedroom		12.59	8.60	287	8.60	100%	100	50%	50%	4380	YES	
R26	Residential	LKD		24.98	19.02	205	12.93	68%	150	50%	50%	4380	YES	
R27	Residential	LKD		24.98	19.02	206	13.09	69%	150	50%	50%	4380	YES	
R28	Residential	Bedroom		12.61	8.62	294	8.62	100%	100	50%	50%	4380	YES	
F26	R1	Residential	LKD		26.13	19.81	191	12.12	61%	150	50%	50%	4380	YES
	R2	Residential	Bedroom		11.21	7.52	261	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	221	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	508	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	337	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	326	5.24						

Project Name: Central Square, Cardiff  
 Project No.: 200  
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 Date of Analysis: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Criteria				Meets Criteria
										Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours	
	R18	Residential	LKD		26.38	20.28	880	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	458	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	437	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	612	20.07	100%	150	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	235	8.62	100%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	278	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	195	12.37	62%	150	50%	50%	4380	YES
	R25	Residential	Bedroom		12.59	8.60	289	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	209	13.18	69%	150	50%	50%	4380	YES
	R27	Residential	LKD		24.98	19.02	210	13.09	69%	150	50%	50%	4380	YES
	R28	Residential	Bedroom		12.61	8.62	292	8.62	100%	100	50%	50%	4380	YES
F27	R1	Residential	LKD		26.13	19.81	193	12.21	62%	150	50%	50%	4380	YES
	R2	Residential	Bedroom		11.21	7.52	265	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	221	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	506	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	339	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	328	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	639	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	363	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	432	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	301	16.29	82%	150	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	421	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	620	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	553	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	384	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	300	16.14	81%	150	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	429	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	365	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	879	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	460	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	434	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	610	20.07	100%	150	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	235	8.62	100%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	275	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	196	12.37	62%	150	50%	50%	4380	YES
	R25	Residential	Bedroom		12.59	8.60	293	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	207	13.11	69%	150	50%	50%	4380	YES
	R27	Residential	LKD		24.98	19.02	207	12.93	68%	150	50%	50%	4380	YES
	R28	Residential	Bedroom		12.61	8.62	293	8.62	100%	100	50%	50%	4380	YES
F28	R1	Residential	LKD		26.13	19.81	190	12.29	62%	150	50%	50%	4380	YES
	R2	Residential	Bedroom		11.21	7.52	261	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	221	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	507	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	342	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	327	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	636	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	361	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	430	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	296	16.21	82%	150	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	418	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	619	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	550	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	384	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	299	16.14	81%	150	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	432	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	364	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	877	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	457	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	432	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	610	20.07	100%	150	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	236	8.62	100%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	272	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	197	12.37	62%	150	50%	50%	4380	YES
	R25	Residential	Bedroom		12.59	8.60	298	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	204	13.01	68%	150	50%	50%	4380	YES
	R27	Residential	LKD		24.98	19.02	207	13.01	68%	150	50%	50%	4380	YES
	R28	Residential	Bedroom		12.61	8.62	297	8.62	100%	100	50%	50%	4380	YES
F29	R1	Residential	LKD		26.13	19.81	194	12.29	62%	150	50%	50%	4380	YES
	R2	Residential	Bedroom		11.21	7.52	263	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	224	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	507	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	339	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	331	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	637	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	363	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	431	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	300	16.21	82%	150	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	413	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	612	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	551	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	385	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	301	16.14	81%	150	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	433	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	363	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	878	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	456	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	431	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	615	20.07	100%	150	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	235	8.62	100%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	280	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	194	12.37	62%	150	50%	50%	4380	YES
	R25	Residential	Bedroom		12.59	8.60	294	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	207	13.01	68%	150	50%	50%	4380	YES
	R27	Residential	LKD		24.98	19.02	210	13.03	68%	150	50%	50%	4380	YES
	R28	Residential	Bedroom		12.61	8.62	295	8.62	100%	100	50%	50%	4380	YES
F30	R1	Residential	LKD		26.13	19.81	192	12.12	61%	150	50%	50%	4380	YES
	R2	Residential	Bedroom		11.21	7.52	265	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	224	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	508	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	337	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	331	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	638	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	361	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	433	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	293	16.14	81%	150	50%	50%	4380	YES

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Daylight - SDA Analysis - Light Option  
 Date of Analysis: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Criteria				Meets Criteria
										Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours	
	R12	Residential	LKD		23.30	16.80	617	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	546	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	385	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	301	16.06	81%	150	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	431	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	363	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	874	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	453	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	425	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	610	20.07	100%	150	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	234	8.62	100%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	276	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	199	12.37	62%	150	50%	50%	4380	YES
	R25	Residential	Bedroom		12.59	8.60	294	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	204	13.18	69%	150	50%	50%	4380	YES
	R27	Residential	LKD		24.98	19.02	208	13.01	68%	150	50%	50%	4380	YES
	R28	Residential	Bedroom		12.61	8.62	297	8.62	100%	100	50%	50%	4380	YES
F31	R1	Residential	LKD		26.13	19.81	193	12.21	62%	150	50%	50%	4380	YES
	R2	Residential	Bedroom		11.21	7.52	267	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	225	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	513	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	336	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	328	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	641	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	360	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	431	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	299	16.14	81%	150	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	412	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	618	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	549	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	387	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	301	16.14	81%	150	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	430	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	363	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	879	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	449	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	432	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	613	20.07	100%	150	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	233	8.62	100%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	276	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	197	12.37	62%	150	50%	50%	4380	YES
	R25	Residential	Bedroom		12.59	8.60	294	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	211	12.86	68%	150	50%	50%	4380	YES
	R27	Residential	LKD		24.98	19.02	207	12.93	68%	150	50%	50%	4380	YES
	R28	Residential	Bedroom		12.61	8.62	300	8.62	100%	100	50%	50%	4380	YES
F32	R1	Residential	LKD		26.13	19.81	192	12.21	62%	150	50%	50%	4380	YES
	R2	Residential	Bedroom		11.21	7.52	265	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	224	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	511	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	339	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	334	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	641	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	362	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	429	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	294	16.21	82%	150	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	412	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	607	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	548	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	387	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	297	16.06	81%	150	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	427	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	366	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	874	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	445	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	433	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	605	20.07	100%	150	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	232	8.62	100%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	276	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	196	12.46	63%	150	50%	50%	4380	YES
	R25	Residential	Bedroom		12.59	8.60	291	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	208	12.86	68%	150	50%	50%	4380	YES
	R27	Residential	LKD		24.98	19.02	209	12.93	68%	150	50%	50%	4380	YES
	R28	Residential	Bedroom		12.61	8.62	298	8.62	100%	100	50%	50%	4380	YES
F33	R1	Residential	LKD		26.13	19.81	191	12.21	62%	150	50%	50%	4380	YES
	R2	Residential	Bedroom		11.21	7.52	269	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	227	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	511	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	334	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	330	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	637	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	362	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	426	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	294	16.21	82%	150	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	417	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	613	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	547	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	383	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	295	16.14	81%	150	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	430	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	361	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	876	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	453	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	432	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	608	20.07	100%	150	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	236	8.62	100%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	276	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	193	12.29	62%	150	50%	50%	4380	YES
	R25	Residential	Bedroom		12.59	8.60	292	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	208	12.95	68%	150	50%	50%	4380	YES
	R27	Residential	LKD		24.98	19.02	209	13.03	68%	150	50%	50%	4380	YES
	R28	Residential	Bedroom		12.61	8.62	300	8.62	100%	100	50%	50%	4380	YES
F34	R1	Residential	LKD		26.13	19.81	190	12.21	62%	150	50%	50%	4380	YES
	R2	Residential	Bedroom		11.21	7.52	265	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	224	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	513	20.07	100%	150	50%	50%	4380	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Daylight - SDA Analysis - Light Option  
 Date of Analysis: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Criteria				
										Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours	Meets Criteria
	R6	Residential	Bedroom	LKD	8.39	5.24	329	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	Bedroom	LKD	26.38	20.28	639	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom	LKD	12.56	8.62	364	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom	LKD	11.22	7.53	425	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	Bedroom	LKD	26.13	19.81	294	16.21	82%	150	50%	50%	4380	YES
	R11	Residential	Bedroom	LKD	12.14	8.22	413	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	Bedroom	LKD	23.30	16.80	610	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	Bedroom	LKD	28.21	21.83	544	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom	LKD	13.01	8.97	382	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	Bedroom	LKD	26.13	19.81	297	16.22	82%	150	50%	50%	4380	YES
	R16	Residential	Bedroom	LKD	11.22	7.53	431	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom	LKD	12.56	8.62	361	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	Bedroom	LKD	26.38	20.28	874	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom	LKD	8.33	5.19	447	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom	LKD	8.34	5.20	427	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	Bedroom	LKD	26.17	20.07	609	20.07	100%	150	50%	50%	4380	YES
	R22	Residential	Bedroom	LKD	12.56	8.62	235	8.62	100%	100	50%	50%	4380	YES
	R23	Residential	Bedroom	LKD	11.21	7.52	277	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	Bedroom	LKD	26.13	19.81	194	12.21	62%	150	50%	50%	4380	YES
	R25	Residential	Bedroom	LKD	12.59	8.60	292	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	Bedroom	LKD	24.98	19.02	206	12.78	67%	150	50%	50%	4380	YES
	R27	Residential	Bedroom	LKD	24.98	19.02	207	13.01	68%	150	50%	50%	4380	YES
	R28	Residential	Bedroom	LKD	12.61	8.62	297	8.62	100%	100	50%	50%	4380	YES
F35	R1	Residential	Bedroom	LKD	26.13	19.81	192	12.29	62%	150	50%	50%	4380	YES
	R2	Residential	Bedroom	LKD	11.21	7.52	268	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom	LKD	12.56	8.62	224	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	Bedroom	LKD	26.17	20.07	511	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom	LKD	8.39	5.24	340	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom	LKD	8.39	5.24	329	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	Bedroom	LKD	26.38	20.28	638	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom	LKD	12.56	8.62	359	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom	LKD	11.22	7.53	431	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	Bedroom	LKD	26.13	19.81	294	16.21	82%	150	50%	50%	4380	YES
	R11	Residential	Bedroom	LKD	12.14	8.22	414	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	Bedroom	LKD	23.30	16.80	609	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	Bedroom	LKD	28.21	21.83	547	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom	LKD	13.01	8.97	383	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	Bedroom	LKD	26.13	19.81	297	16.06	81%	150	50%	50%	4380	YES
	R16	Residential	Bedroom	LKD	11.22	7.53	433	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom	LKD	12.56	8.62	362	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	Bedroom	LKD	26.38	20.28	876	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom	LKD	8.33	5.19	446	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom	LKD	8.34	5.20	424	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	Bedroom	LKD	26.17	20.07	608	20.07	100%	150	50%	50%	4380	YES
	R22	Residential	Bedroom	LKD	12.56	8.62	234	8.62	100%	100	50%	50%	4380	YES
	R23	Residential	Bedroom	LKD	11.21	7.52	275	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	Bedroom	LKD	26.13	19.81	194	12.37	62%	150	50%	50%	4380	YES
	R25	Residential	Bedroom	LKD	12.59	8.60	294	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	Bedroom	LKD	24.98	19.02	205	13.01	68%	150	50%	50%	4380	YES
	R27	Residential	Bedroom	LKD	24.98	19.02	206	13.03	68%	150	50%	50%	4380	YES
	R28	Residential	Bedroom	LKD	12.61	8.62	298	8.62	100%	100	50%	50%	4380	YES
F36	R1	Residential	Bedroom	LKD	26.13	19.81	190	12.14	61%	150	50%	50%	4380	YES
	R2	Residential	Bedroom	LKD	11.21	7.52	270	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom	LKD	12.56	8.62	224	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	Bedroom	LKD	26.17	20.07	513	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom	LKD	8.39	5.24	341	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom	LKD	8.39	5.24	331	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	Bedroom	LKD	26.38	20.28	638	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom	LKD	12.56	8.62	360	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom	LKD	11.22	7.53	428	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	Bedroom	LKD	26.13	19.81	293	16.12	81%	150	50%	50%	4380	YES
	R11	Residential	Bedroom	LKD	12.14	8.22	414	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	Bedroom	LKD	23.30	16.80	612	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	Bedroom	LKD	28.21	21.83	544	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom	LKD	13.01	8.97	385	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	Bedroom	LKD	26.13	19.81	295	16.06	81%	150	50%	50%	4380	YES
	R16	Residential	Bedroom	LKD	11.22	7.53	431	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom	LKD	12.56	8.62	364	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	Bedroom	LKD	26.38	20.28	872	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom	LKD	8.33	5.19	453	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom	LKD	8.34	5.20	428	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	Bedroom	LKD	26.17	20.07	608	20.07	100%	150	50%	50%	4380	YES
	R22	Residential	Bedroom	LKD	12.56	8.62	231	8.62	100%	100	50%	50%	4380	YES
	R23	Residential	Bedroom	LKD	11.21	7.52	276	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	Bedroom	LKD	26.13	19.81	194	12.29	62%	150	50%	50%	4380	YES
	R25	Residential	Bedroom	LKD	12.59	8.60	291	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	Bedroom	LKD	24.98	19.02	209	12.86	68%	150	50%	50%	4380	YES
	R27	Residential	Bedroom	LKD	24.98	19.02	207	12.86	68%	150	50%	50%	4380	YES
	R28	Residential	Bedroom	LKD	12.61	8.62	295	8.62	100%	100	50%	50%	4380	YES
F37	R1	Residential	Bedroom	LKD	26.13	19.81	189	12.14	61%	150	50%	50%	4380	YES
	R2	Residential	Bedroom	LKD	11.21	7.52	264	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom	LKD	12.56	8.62	226	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	Bedroom	LKD	26.17	20.07	511	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom	LKD	8.39	5.24	336	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom	LKD	8.39	5.24	332	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	Bedroom	LKD	26.38	20.28	642	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom	LKD	12.56	8.62	359	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom	LKD	11.22	7.53	424	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	Bedroom	LKD	26.13	19.81	292	16.21	82%	150	50%	50%	4380	YES
	R11	Residential	Bedroom	LKD	12.14	8.22	414	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	Bedroom	LKD	23.30	16.80	613	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	Bedroom	LKD	28.21	21.83	542	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom	LKD	13.01	8.97	379	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	Bedroom	LKD	26.13	19.81	297	15.98	81%	150	50%	50%	4380	YES
	R16	Residential	Bedroom	LKD	11.22	7.53	428	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom	LKD	12.56	8.62	360	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	Bedroom	LKD	26.38	20.28	876	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom	LKD	8.33	5.19	445	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom	LKD	8.34	5.20	426	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	Bedroom	LKD	26.17	20.07	608	20.07	100%	150	50%	50%	4380	YES
	R22	Residential	Bedroom	LKD	12.56	8.62	230	8.62	100%	100	50%	50%	4380	YES
	R23	Residential	Bedroom	LKD	11.21	7.52	275	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	Bedroom	LKD	26.13	19.81	192	12.29	62%	150	50%	5		

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Daylight - SDA Analysis - Light Option  
 Date of Analysis: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Criteria				
										Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours	Meets Criteria
	R28	Residential	Bedroom		12.61	8.62	297	8.62	100%	100	50%	50%	4380	YES
F38	R1	Residential	LKD		26.13	19.81	191	12.21	62%	150	50%	50%	4380	YES
	R2	Residential	Bedroom		11.21	7.52	268	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	224	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	513	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	335	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	330	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	640	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	361	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	426	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	293	16.21	82%	150	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	411	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	609	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	543	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	382	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	292	16.06	81%	150	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	428	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	364	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	871	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	443	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	428	5.20	100%	100	50%	50%	4380	YES
R21	Residential	LKD		26.17	20.07	603	20.07	100%	150	50%	50%	4380	YES	
R22	Residential	Bedroom		12.56	8.62	232	8.62	100%	100	50%	50%	4380	YES	
R23	Residential	Bedroom		11.21	7.52	278	7.52	100%	100	50%	50%	4380	YES	
R24	Residential	LKD		26.13	19.81	193	12.29	62%	150	50%	50%	4380	YES	
R25	Residential	Bedroom		12.59	8.60	288	8.60	100%	100	50%	50%	4380	YES	
R26	Residential	LKD		24.98	19.02	205	12.93	68%	150	50%	50%	4380	YES	
R27	Residential	LKD		24.98	19.02	209	12.93	68%	150	50%	50%	4380	YES	
R28	Residential	Bedroom		12.61	8.62	296	8.62	100%	100	50%	50%	4380	YES	
F39	R1	Residential	LKD		26.13	19.81	191	11.97	60%	150	50%	50%	4380	YES
	R2	Residential	Bedroom		11.21	7.52	267	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	227	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	514	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	336	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	329	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	638	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	358	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	423	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	296	16.12	81%	150	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	413	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	610	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	543	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	383	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	293	16.14	81%	150	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	433	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	362	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	870	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	443	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	431	5.20	100%	100	50%	50%	4380	YES
R21	Residential	LKD		26.17	20.07	603	20.07	100%	150	50%	50%	4380	YES	
R22	Residential	Bedroom		12.56	8.62	233	8.62	100%	100	50%	50%	4380	YES	
R23	Residential	Bedroom		11.21	7.52	271	7.52	100%	100	50%	50%	4380	YES	
R24	Residential	LKD		26.13	19.81	193	12.29	62%	150	50%	50%	4380	YES	
R25	Residential	Bedroom		12.59	8.60	287	8.60	100%	100	50%	50%	4380	YES	
R26	Residential	LKD		24.98	19.02	205	12.93	68%	150	50%	50%	4380	YES	
R27	Residential	LKD		24.98	19.02	206	12.86	68%	150	50%	50%	4380	YES	
R28	Residential	Bedroom		12.61	8.62	296	8.62	100%	100	50%	50%	4380	YES	
F40	R1	Residential	LKD		26.13	19.81	191	12.12	61%	150	50%	50%	4380	YES
	R2	Residential	Bedroom		11.21	7.52	265	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	226	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	516	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	340	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	330	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	637	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	351	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	428	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	295	16.21	82%	150	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	415	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	611	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	545	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	378	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	296	16.14	81%	150	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	434	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	363	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	868	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	447	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	424	5.20	100%	100	50%	50%	4380	YES
R21	Residential	LKD		26.17	20.07	606	20.07	100%	150	50%	50%	4380	YES	
R22	Residential	Bedroom		12.56	8.62	230	8.62	100%	100	50%	50%	4380	YES	
R23	Residential	Bedroom		11.21	7.52	274	7.52	100%	100	50%	50%	4380	YES	
R24	Residential	LKD		26.13	19.81	191	12.29	62%	150	50%	50%	4380	YES	
R25	Residential	Bedroom		12.59	8.60	289	8.60	100%	100	50%	50%	4380	YES	
R26	Residential	LKD		24.98	19.02	206	12.78	67%	150	50%	50%	4380	YES	
R27	Residential	LKD		24.98	19.02	205	12.78	67%	150	50%	50%	4380	YES	
R28	Residential	Bedroom		12.61	8.62	298	8.62	100%	100	50%	50%	4380	YES	
F41	R1	Residential	LKD		26.13	19.81	190	11.96	60%	150	50%	50%	4380	YES
	R2	Residential	Bedroom		11.21	7.52	268	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	225	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	513	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	338	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	332	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	639	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	354	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	424	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	292	16.21	82%	150	50			

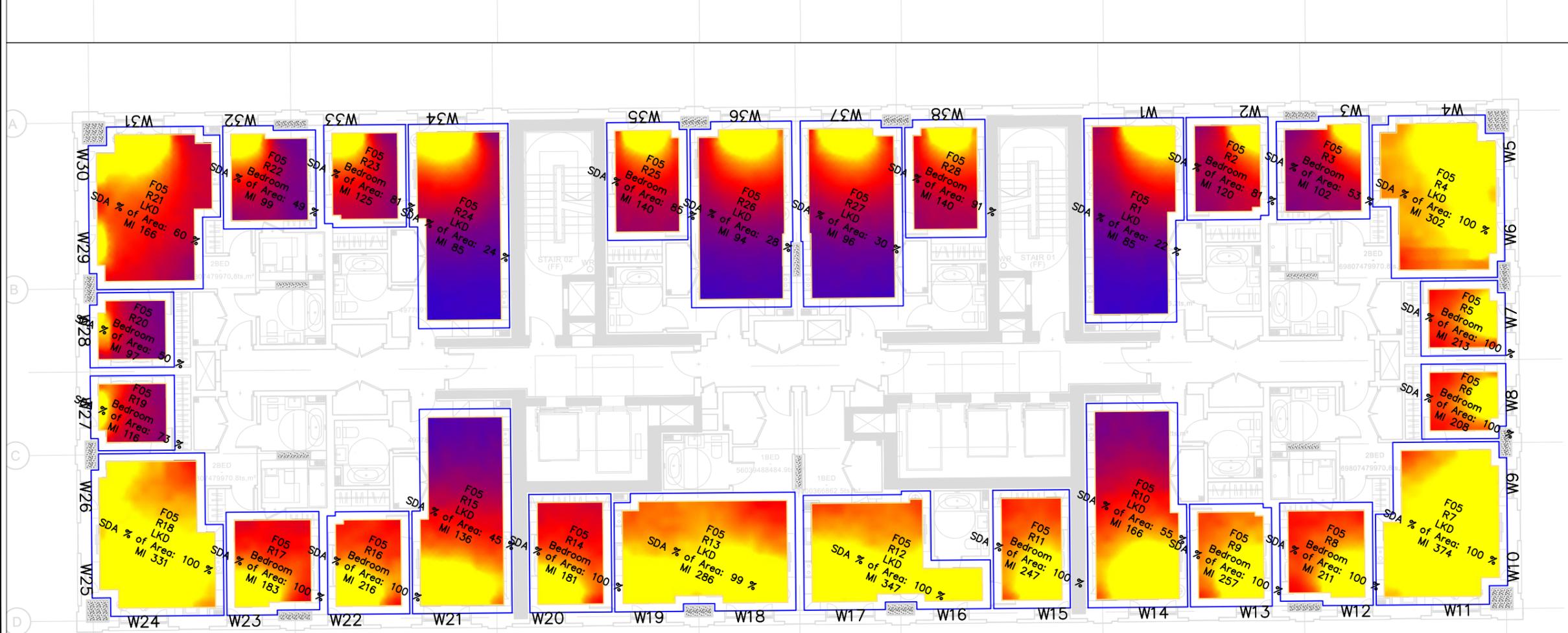
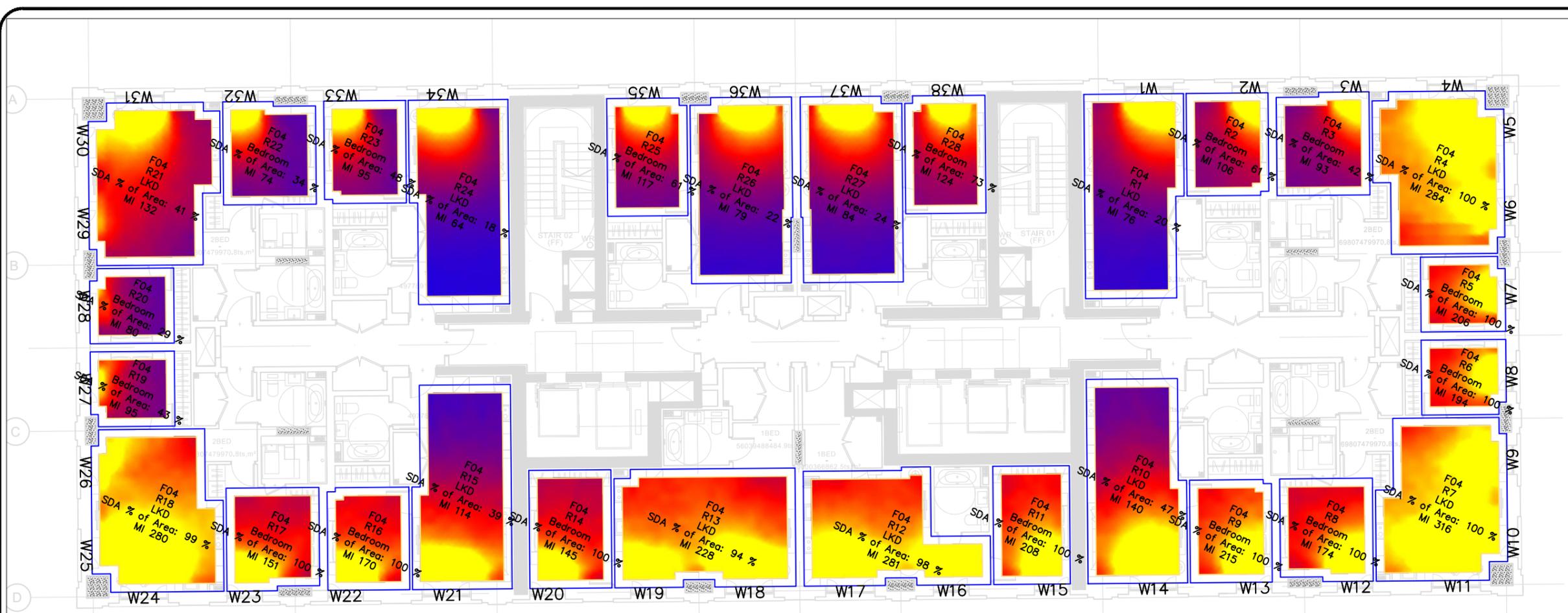
Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Daylight - SDA Analysis - Light Option  
 Date of Analysis: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Criteria				Meets Criteria
										Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours	
	R22	Residential	Bedroom		12.56	8.62	235	8.62	100%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	274	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	194	12.29	62%	150	50%	50%	4380	YES
	R25	Residential	Bedroom		12.59	8.60	292	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	204	12.78	67%	150	50%	50%	4380	YES
	R27	Residential	LKD		24.98	19.02	205	12.84	68%	150	50%	50%	4380	YES
	R28	Residential	Bedroom		12.61	8.62	297	8.62	100%	100	50%	50%	4380	YES
F42	R1	Residential	LKD		26.13	19.81	192	11.88	60%	150	50%	50%	4380	YES
	R2	Residential	Bedroom		11.21	7.52	263	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	226	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	513	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	340	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	331	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	643	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	353	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	424	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	293	16.21	82%	150	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	413	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	605	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	542	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	375	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	295	16.14	81%	150	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	432	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	357	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	870	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	444	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	422	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	608	20.07	100%	150	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	230	8.62	100%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	276	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	193	12.29	62%	150	50%	50%	4380	YES
	R25	Residential	Bedroom		12.59	8.60	293	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	204	12.86	68%	150	50%	50%	4380	YES
	R27	Residential	LKD		24.98	19.02	203	12.69	67%	150	50%	50%	4380	YES
	R28	Residential	Bedroom		12.61	8.62	297	8.62	100%	100	50%	50%	4380	YES
F43	R1	Residential	LKD		26.13	19.81	190	11.96	60%	150	50%	50%	4380	YES
	R2	Residential	Bedroom		11.21	7.52	268	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	225	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	510	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	340	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	331	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	634	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	352	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	429	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	293	16.29	82%	150	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	411	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	601	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	540	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	376	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	291	16.22	82%	150	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	430	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	360	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	869	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	452	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	419	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	604	20.07	100%	150	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	232	8.62	100%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	273	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	196	12.12	61%	150	50%	50%	4380	YES
	R25	Residential	Bedroom		12.59	8.60	289	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	204	12.69	67%	150	50%	50%	4380	YES
	R27	Residential	LKD		24.98	19.02	203	12.61	66%	150	50%	50%	4380	YES
	R28	Residential	Bedroom		12.61	8.62	297	8.62	100%	100	50%	50%	4380	YES
F44	R1	Residential	LKD		26.13	19.81	188	11.79	60%	150	50%	50%	4380	YES
	R2	Residential	Bedroom		11.21	7.52	265	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	222	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	511	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	340	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	334	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	638	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	355	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	425	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	294	16.21	82%	150	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	410	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	604	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	538	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	379	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	293	16.06	81%	150	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	427	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	361	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	873	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	451	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	421	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	607	20.07	100%	150	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	229	8.62	100%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	274	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	192	12.14	61%	150	50%	50%	4380	YES
	R25	Residential	Bedroom		12.59	8.60	293	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	204	12.76	67%	150	50%	50%	4380	YES
	R27	Residential	LKD		24.98	19.02	203	12.53	66%	150	50%	50%	4380	YES
	R28	Residential	Bedroom		12.61	8.62	296	8.62	100%	100	50%	50%	4380	YES
F45	R1	Residential	LKD		26.13	19.81	189	11.72	59%	150	50%	50%	4380	YES
	R2	Residential	Bedroom		11.21	7.52	266	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	222	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	512	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	337	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	335	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	639	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	354	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	423	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	292	16.12	81%	150	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	405	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	606	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	537	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	380	8.97	100%	100	50%	50%	4380	YES

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Daylight - SDA Analysis - Light Option  
 Date of Analysis: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Criteria				Meets Criteria
										Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours	
	R16	Residential	Bedroom		11.22	7.53	433	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	359	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	870	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	446	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	419	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	606	20.07	100%	150	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	231	8.62	100%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	271	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	189	12.14	61%	150	50%	50%	4380	YES
	R25	Residential	Bedroom		12.59	8.60	294	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	205	12.78	67%	150	50%	50%	4380	YES
	R27	Residential	LKD		24.98	19.02	207	12.61	66%	150	50%	50%	4380	YES
	R28	Residential	Bedroom		12.61	8.62	294	8.62	100%	100	50%	50%	4380	YES
F46	R1	Residential	LKD		26.13	19.81	188	11.80	60%	150	50%	50%	4380	YES
	R2	Residential	Bedroom		11.21	7.52	262	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	219	8.62	100%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	511	20.07	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	335	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	331	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	632	20.28	100%	150	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	352	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	421	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	293	16.21	82%	150	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	407	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	607	16.80	100%	150	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	537	21.83	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	382	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	295	15.89	80%	150	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	424	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	352	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	870	20.28	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	449	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	425	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	602	20.07	100%	150	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	228	8.62	100%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	271	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	188	12.05	61%	150	50%	50%	4380	YES
	R25	Residential	Bedroom		12.59	8.60	289	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	206	12.61	66%	150	50%	50%	4380	YES
	R27	Residential	LKD		24.98	19.02	202	12.53	66%	150	50%	50%	4380	YES
	R28	Residential	Bedroom		12.61	8.62	292	8.62	100%	100	50%	50%	4380	YES
F47	R1	Residential	Bedroom		11.54	7.82	366	7.82	100%	100	50%	50%	4380	YES
	R2	Residential	Bedroom		8.90	5.67	368	5.67	100%	100	50%	50%	4380	YES
	R3	Residential	LKD		49.99	40.22	369	40.22	100%	150	50%	50%	4380	YES
	R4	Residential	LKD		49.99	40.22	494	40.22	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom		8.90	5.67	596	5.67	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		11.54	7.82	594	7.82	100%	100	50%	50%	4380	YES
	R7	Residential	Bedroom		16.15	10.91	614	10.91	100%	100	50%	50%	4380	YES
	R8	Residential	LKD		47.19	33.77	420	33.77	100%	150	50%	50%	4380	YES
	R9	Residential	Bedroom		12.65	8.66	389	8.66	100%	100	50%	50%	4380	YES
	R10	Residential	Bedroom		11.54	7.82	596	7.82	100%	100	50%	50%	4380	YES
	R11	Residential	Bedroom		8.90	5.67	591	5.67	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		49.99	40.22	677	40.22	100%	150	50%	50%	4380	YES
	R13	Residential	LKD		49.99	40.22	431	40.22	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom		8.90	5.67	370	5.67	100%	100	50%	50%	4380	YES
	R15	Residential	Bedroom		11.54	7.82	378	7.82	100%	100	50%	50%	4380	YES
	R16	Residential	Bedroom		15.15	10.29	259	10.29	100%	100	50%	50%	4380	YES
	R17	Residential	LKD		37.03	29.82	196	23.45	79%	150	50%	50%	4380	YES
	R18	Residential	Bedroom		15.62	10.76	274	10.76	100%	100	50%	50%	4380	YES
F48	R1	Residential	Bedroom		11.54	7.82	366	7.82	100%	100	50%	50%	4380	YES
	R2	Residential	Bedroom		8.90	5.67	370	5.67	100%	100	50%	50%	4380	YES
	R3	Residential	LKD		49.99	40.22	357	40.22	100%	150	50%	50%	4380	YES
	R4	Residential	LKD		49.99	40.22	477	40.22	100%	150	50%	50%	4380	YES
	R5	Residential	Bedroom		8.90	5.67	601	5.67	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		11.54	7.82	597	7.82	100%	100	50%	50%	4380	YES
	R7	Residential	Bedroom		16.15	10.91	618	10.91	100%	100	50%	50%	4380	YES
	R8	Residential	LKD		47.19	33.77	375	33.77	100%	150	50%	50%	4380	YES
	R9	Residential	Bedroom		12.65	8.66	383	8.66	100%	100	50%	50%	4380	YES
	R10	Residential	Bedroom		11.54	7.82	595	7.82	100%	100	50%	50%	4380	YES
	R11	Residential	Bedroom		8.90	5.67	590	5.67	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		49.99	40.22	654	40.22	100%	150	50%	50%	4380	YES
	R13	Residential	LKD		49.99	40.22	420	40.22	100%	150	50%	50%	4380	YES
	R14	Residential	Bedroom		8.90	5.67	372	5.67	100%	100	50%	50%	4380	YES
	R15	Residential	Bedroom		11.54	7.82	382	7.82	100%	100	50%	50%	4380	YES
	R16	Residential	Bedroom		15.15	10.29	258	10.29	100%	100	50%	50%	4380	YES
	R17	Residential	LKD		37.03	29.82	178	19.53	66%	150	50%	50%	4380	YES
	R18	Residential	Bedroom		15.62	10.76	267	10.76	100%	100	50%	50%	4380	YES

SOURCES OF INFORMATION:  
 3D CONTEXT MODEL  
 ACCUCITIES MODEL  
 004746\_CARDIFF\_HD\_MASTER.DWG  
 MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG  
 SCHEME  
 06159\_MODEL\_250709.DWG



LEGEND:  
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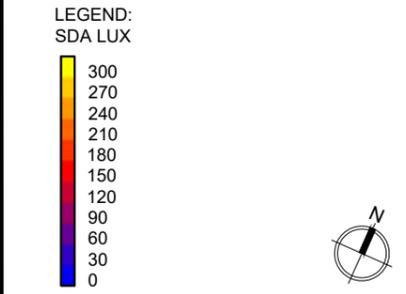
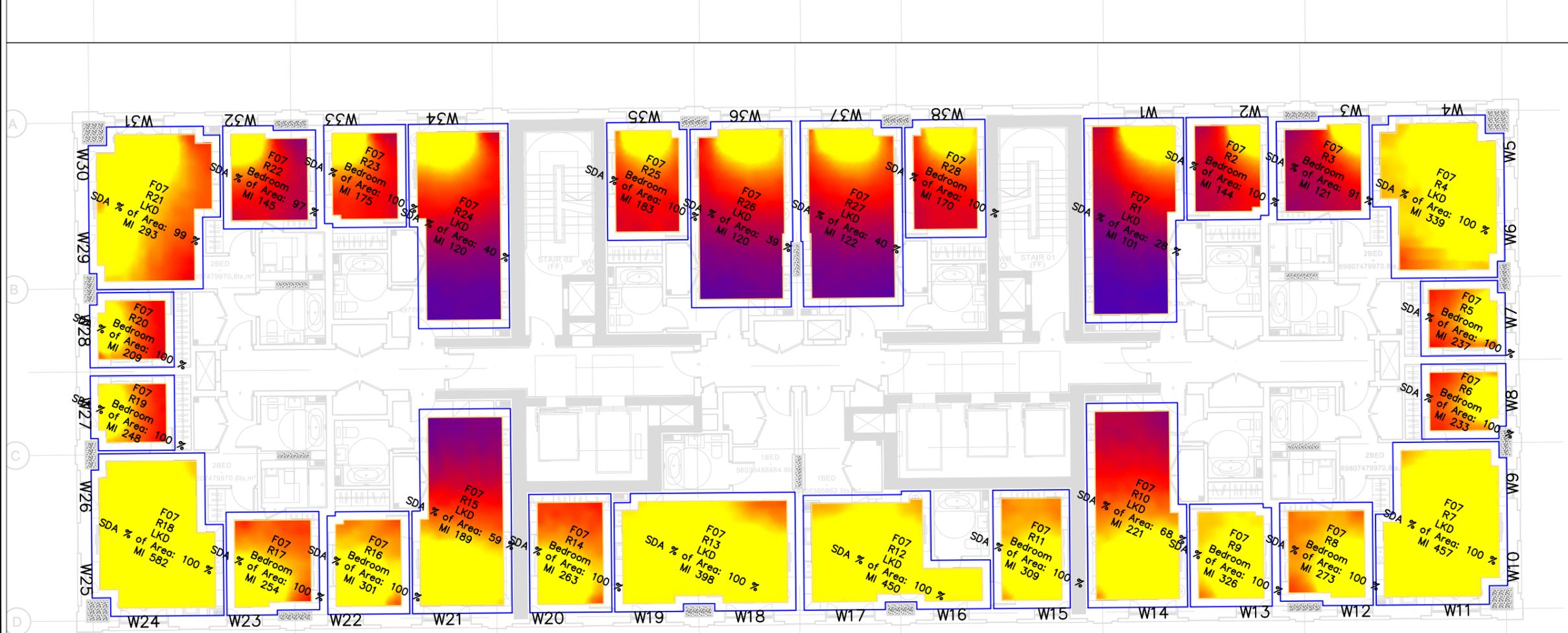
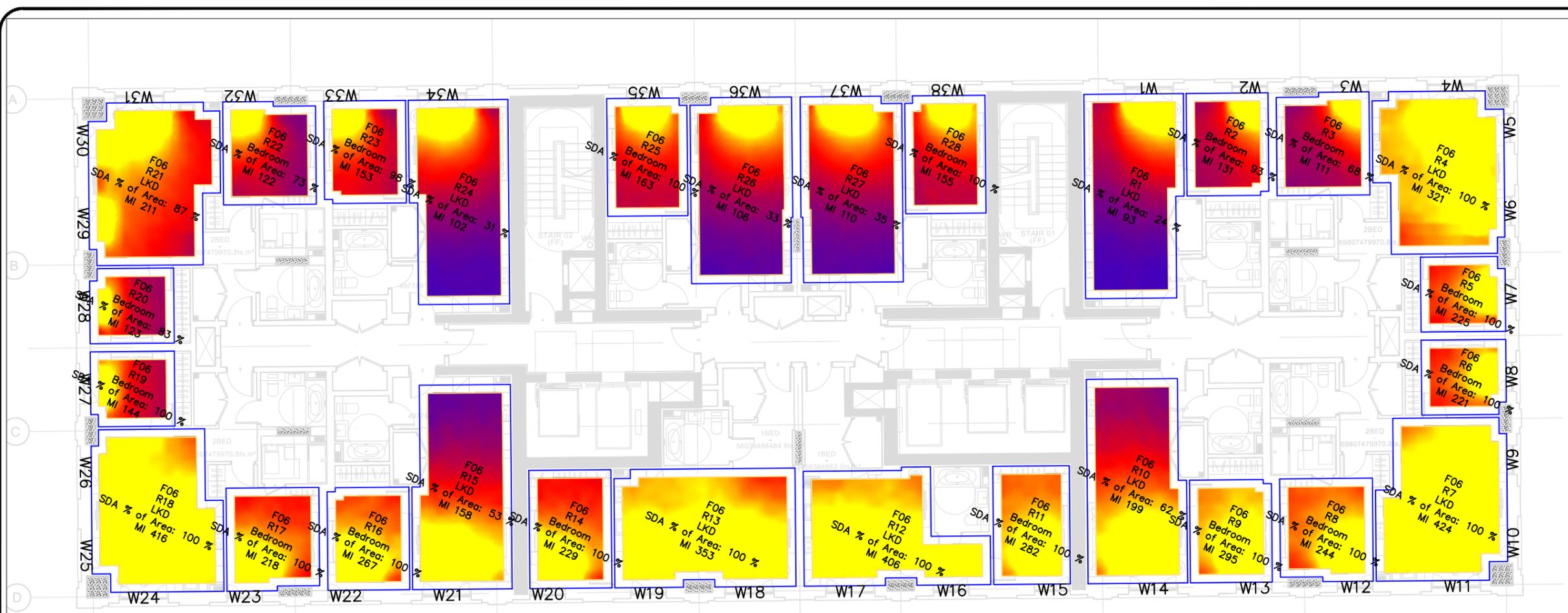
PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 SPATIAL DAYLIGHT AUTONOMY  
 LIGHT FINISHES

JOB NO: 200	RELEASE: 04-01	DRG NO: 500
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL



SOURCES OF INFORMATION:  
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 MBS SURVEY MODEL  
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 SCHEME  
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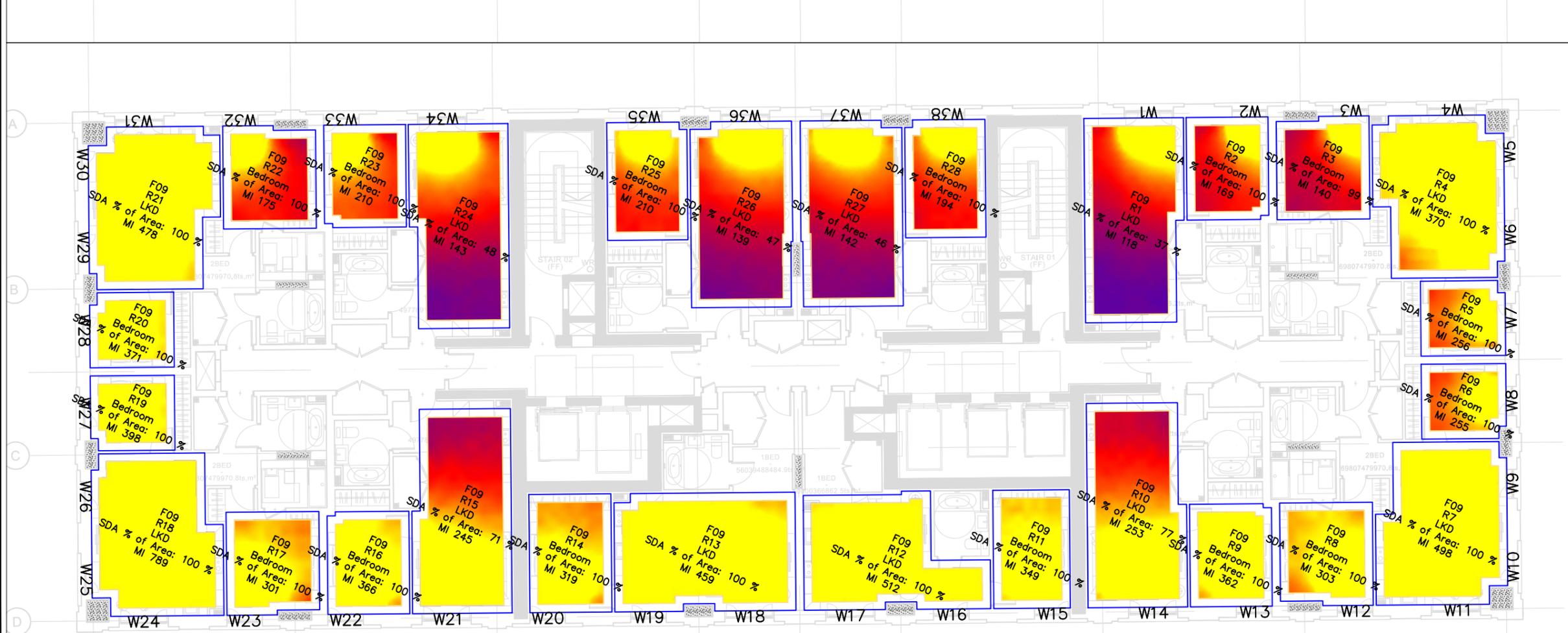
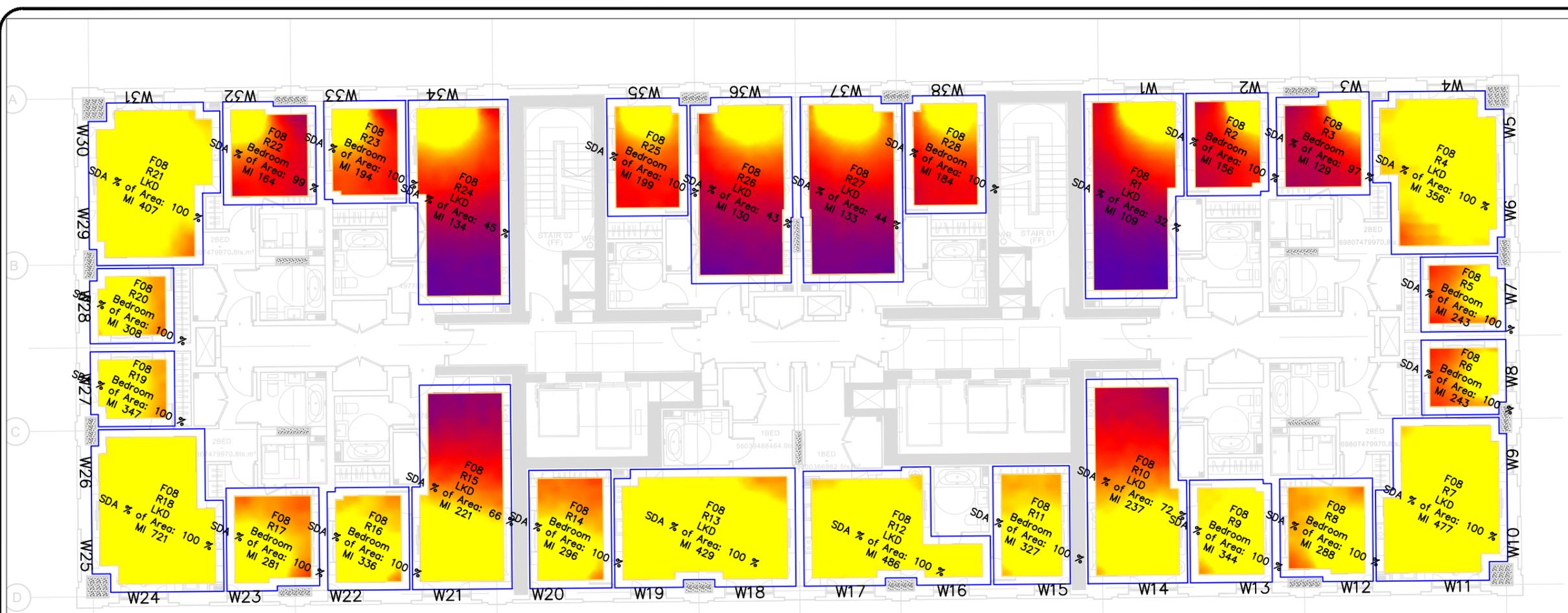
PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 SPATIAL DAYLIGHT AUTONOMY  
 LIGHT FINISHES

JOB NO: 200	RELEASE: 04-01	DRG NO: 501
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL



SOURCES OF INFORMATION:  
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 ACCUCITIES MODEL  
 004746\_CARDIFF\_HD\_MASTER.DWG  
 MBS SURVEY MODEL  
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 SCHEME  
 06159\_MODEL\_250709.DWG



LEGEND:  
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PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 SPATIAL DAYLIGHT AUTONOMY  
 LIGHT FINISHES

JOB NO: 200	RELEASE: 04-01	DRG NO: 502
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL

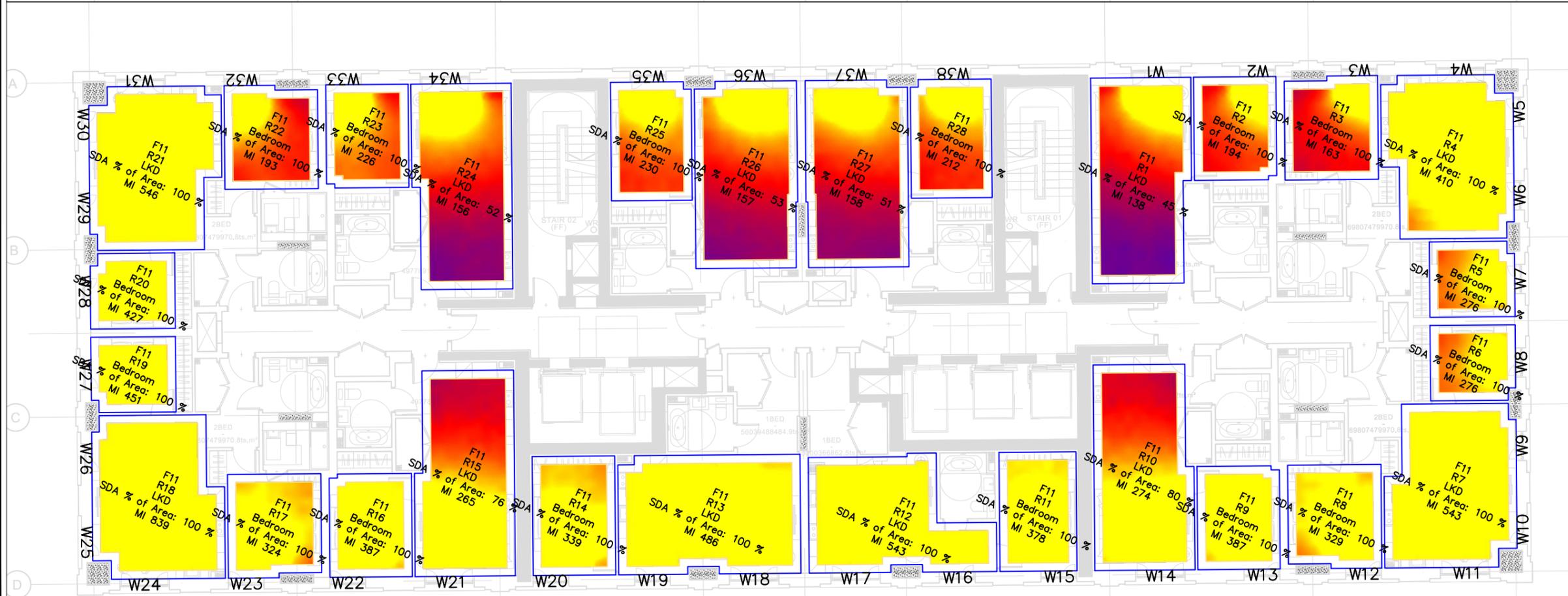
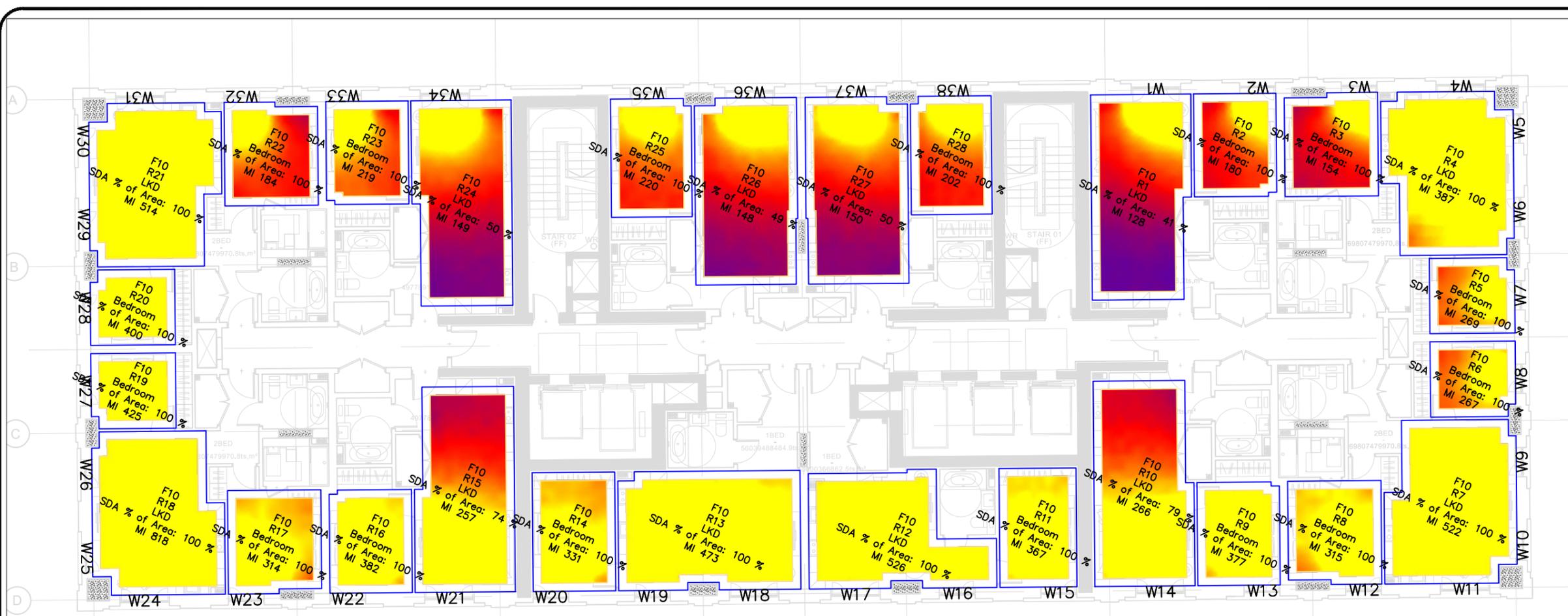


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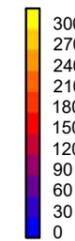
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MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG



LEGEND:  
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REV.	DESCRIPTION:	BY: DATE:

PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
SPATIAL DAYLIGHT AUTONOMY  
LIGHT FINISHES

JOB NO: 200	RELEASE: 04-01	DRG NO: 503
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL

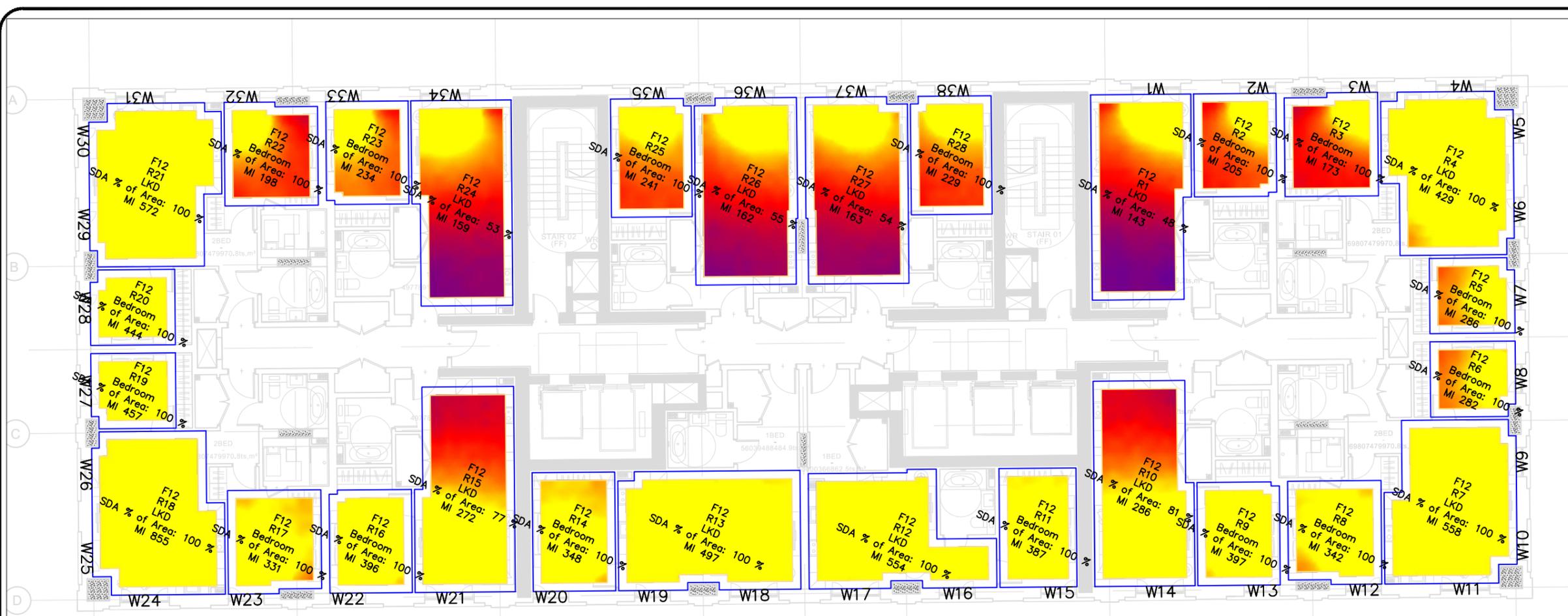


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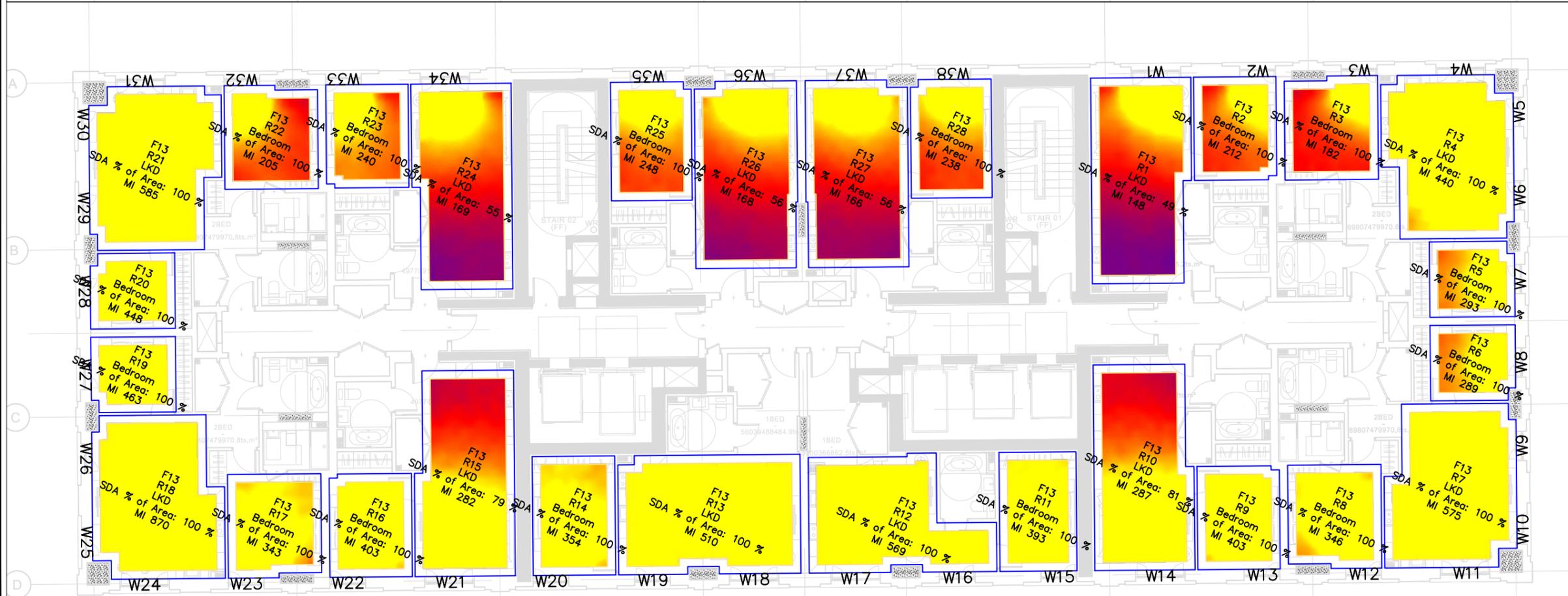
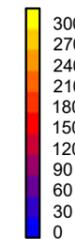
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MBS SURVEY MODEL  
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SCHEME  
 06159\_MODEL\_250709.DWG



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REV:	DESCRIPTION:	BY: DATE:

PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 SPATIAL DAYLIGHT AUTONOMY  
 LIGHT FINISHES

JOB NO: 200	RELEASE: 04-01	DRG NO: 504
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL

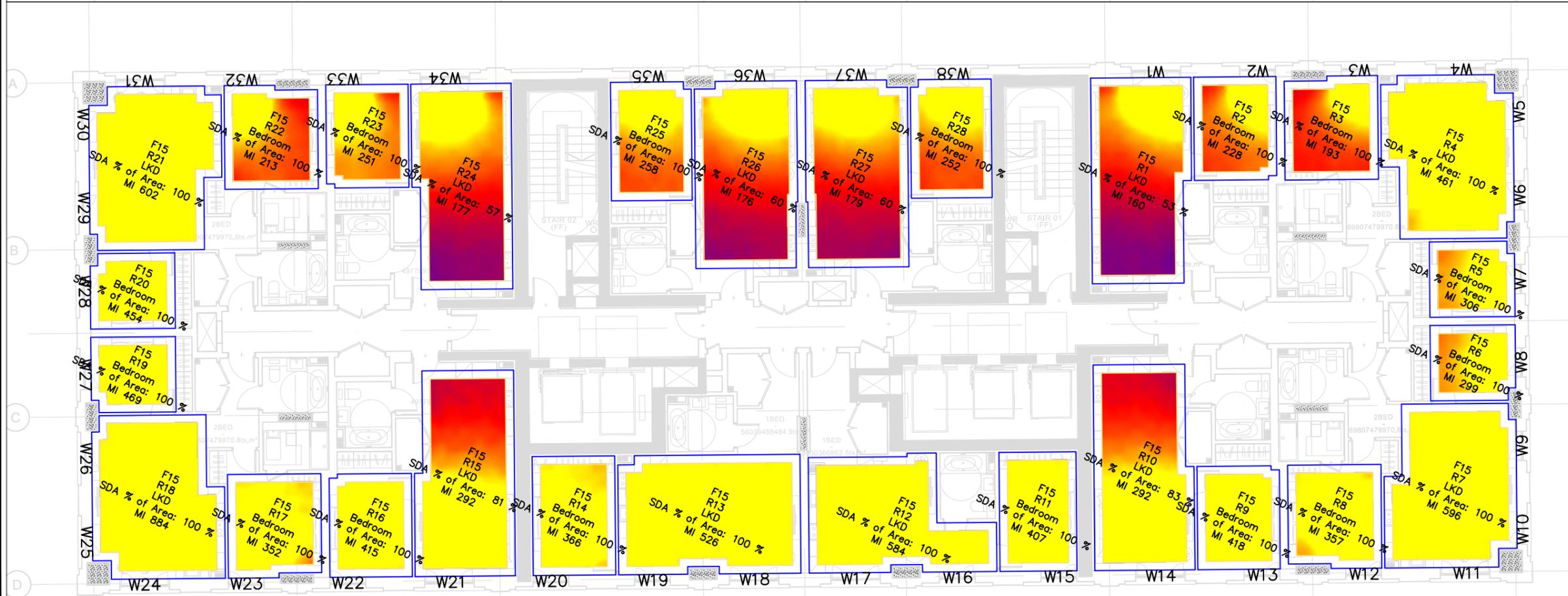
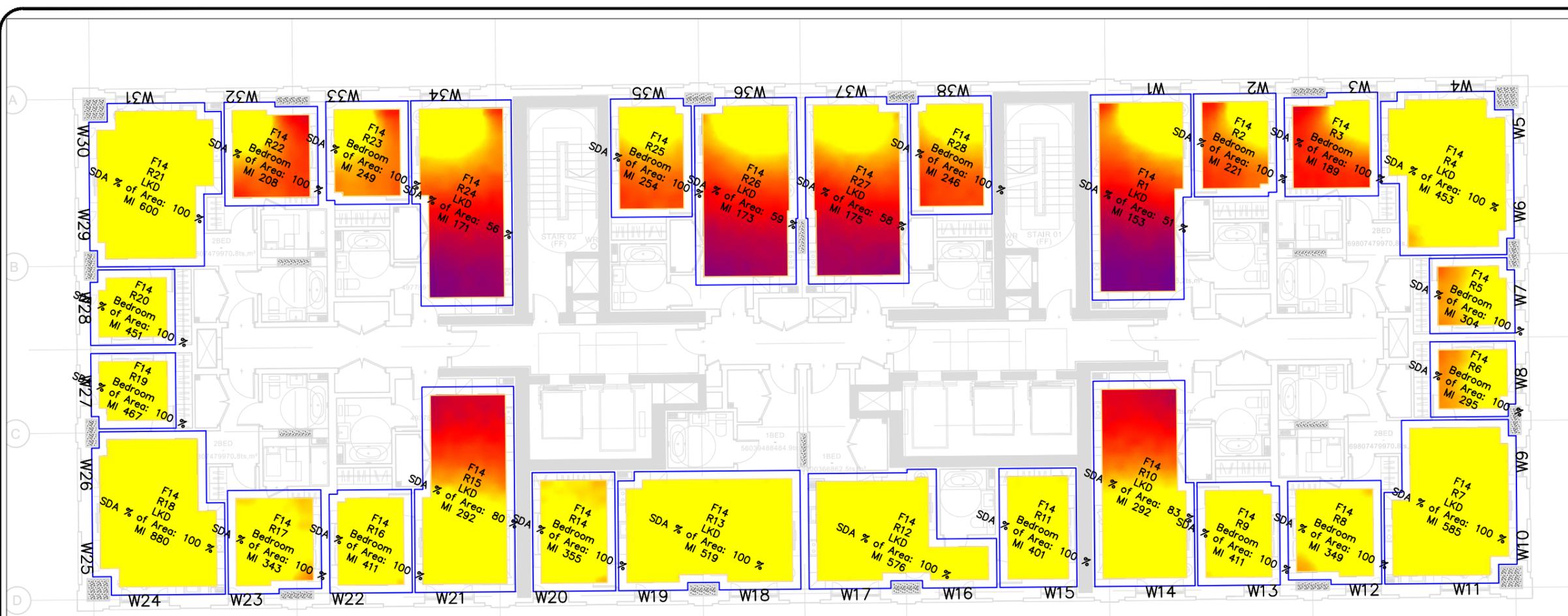


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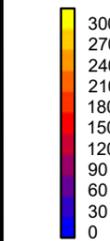
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MBS SURVEY MODEL  
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SCHEME  
 06159\_MODEL\_250709.DWG



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PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 SPATIAL DAYLIGHT AUTONOMY  
 LIGHT FINISHES

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DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL

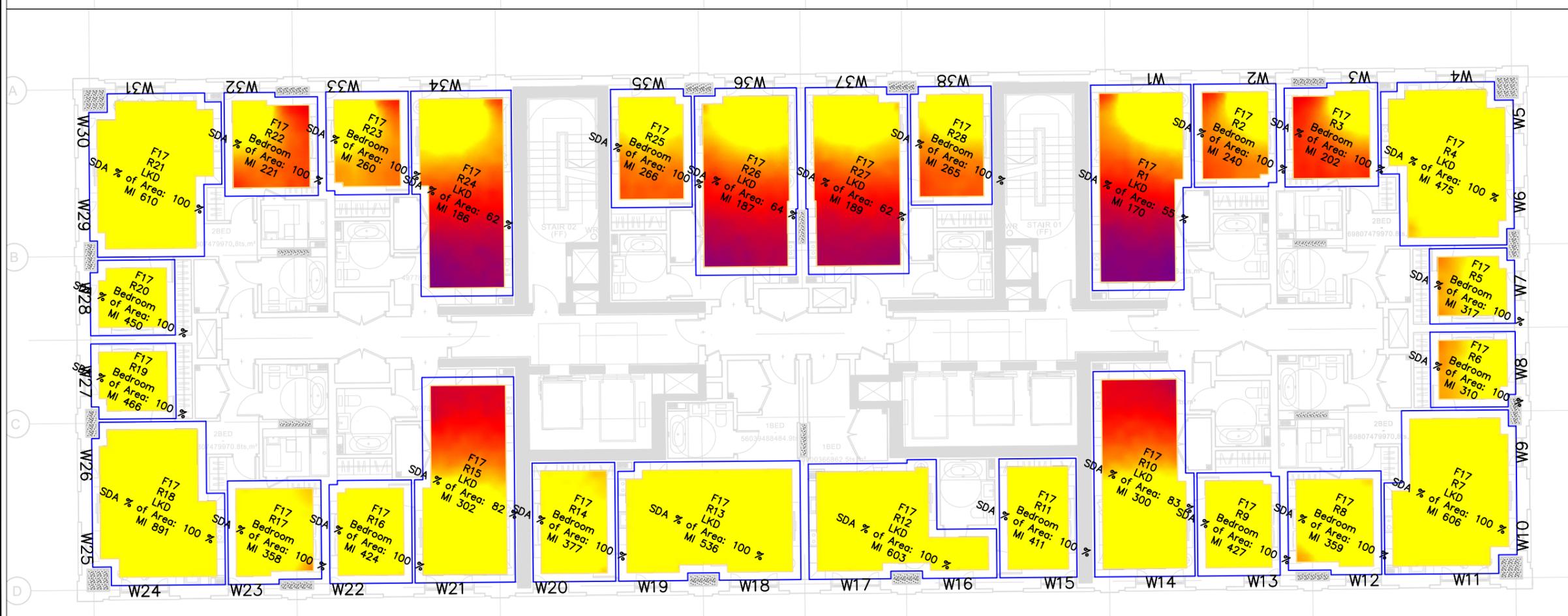
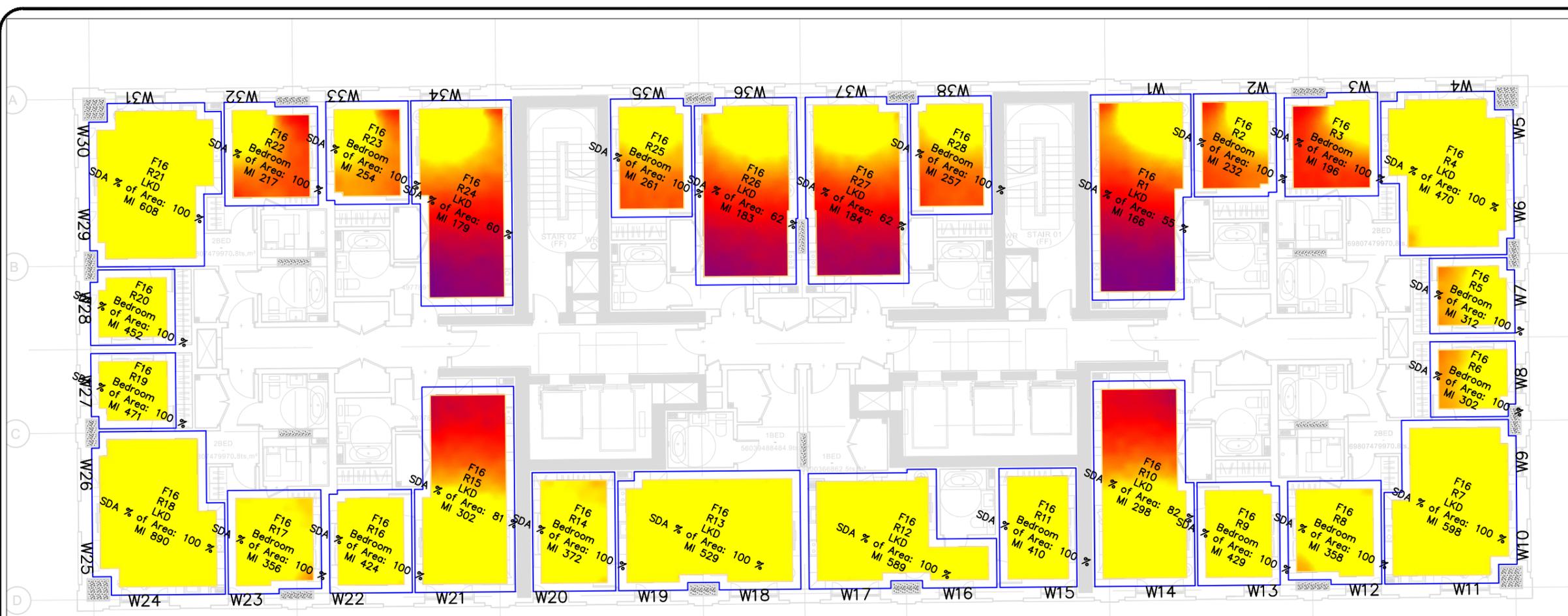


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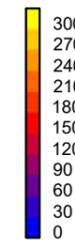
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SCHEME  
06159\_MODEL\_250709.DWG



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PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
SPATIAL DAYLIGHT AUTONOMY  
LIGHT FINISHES

JOB NO: 200	RELEASE: 04-01	DRG NO: 506
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL

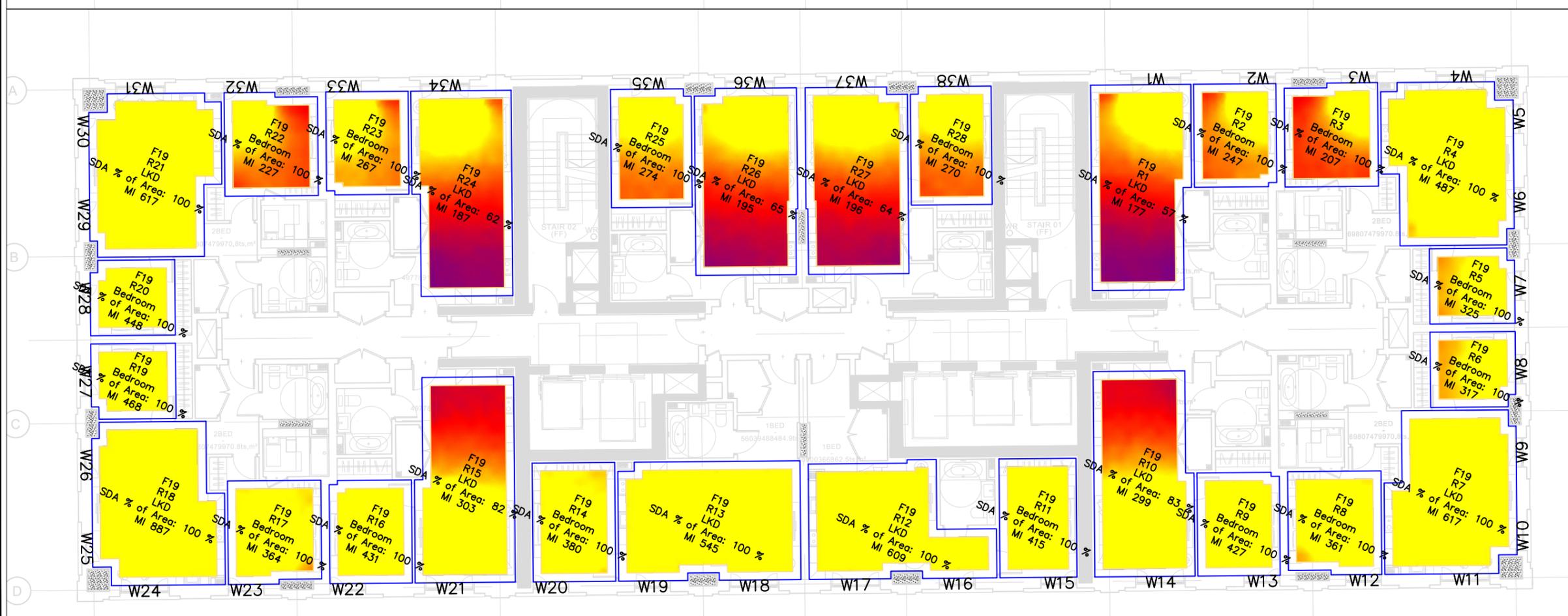
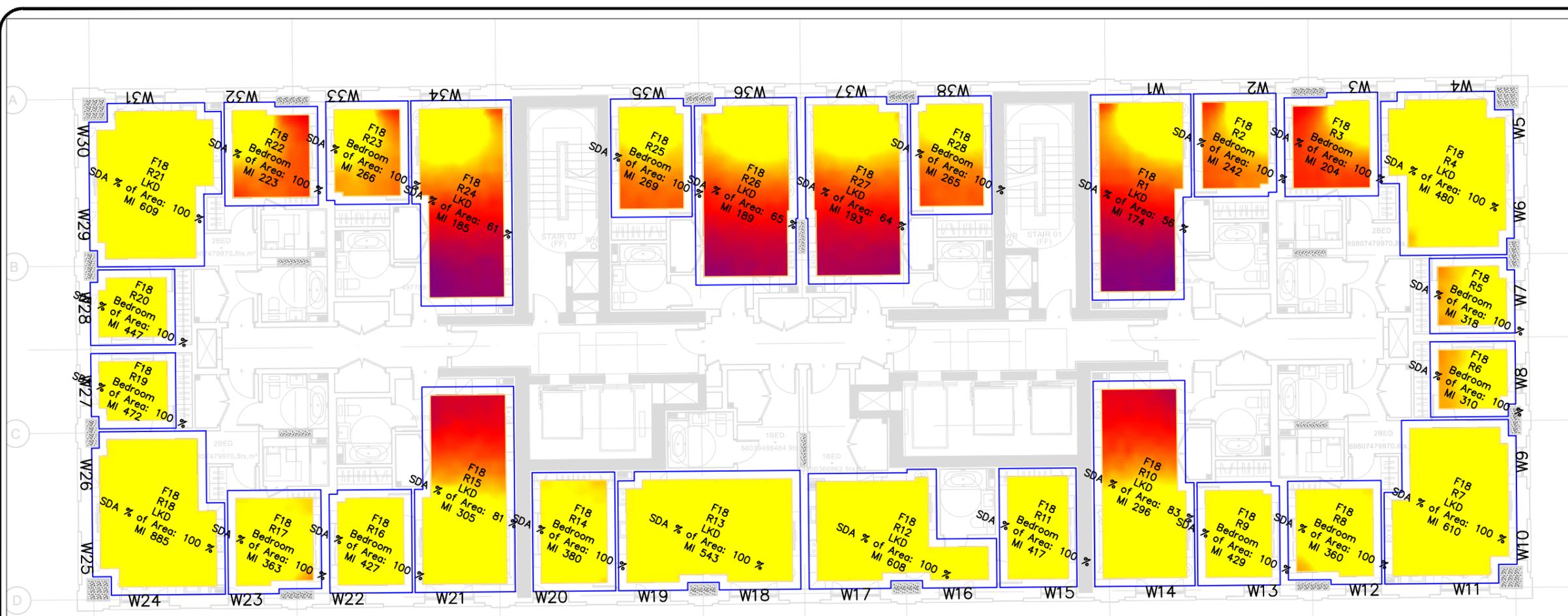


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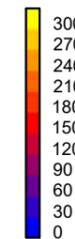
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MBS SURVEY MODEL  
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SCHEME  
06159\_MODEL\_250709.DWG



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PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
SPATIAL DAYLIGHT AUTONOMY  
LIGHT FINISHES

JOB NO: 200	RELEASE: 04-01	DRG NO: 507
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL

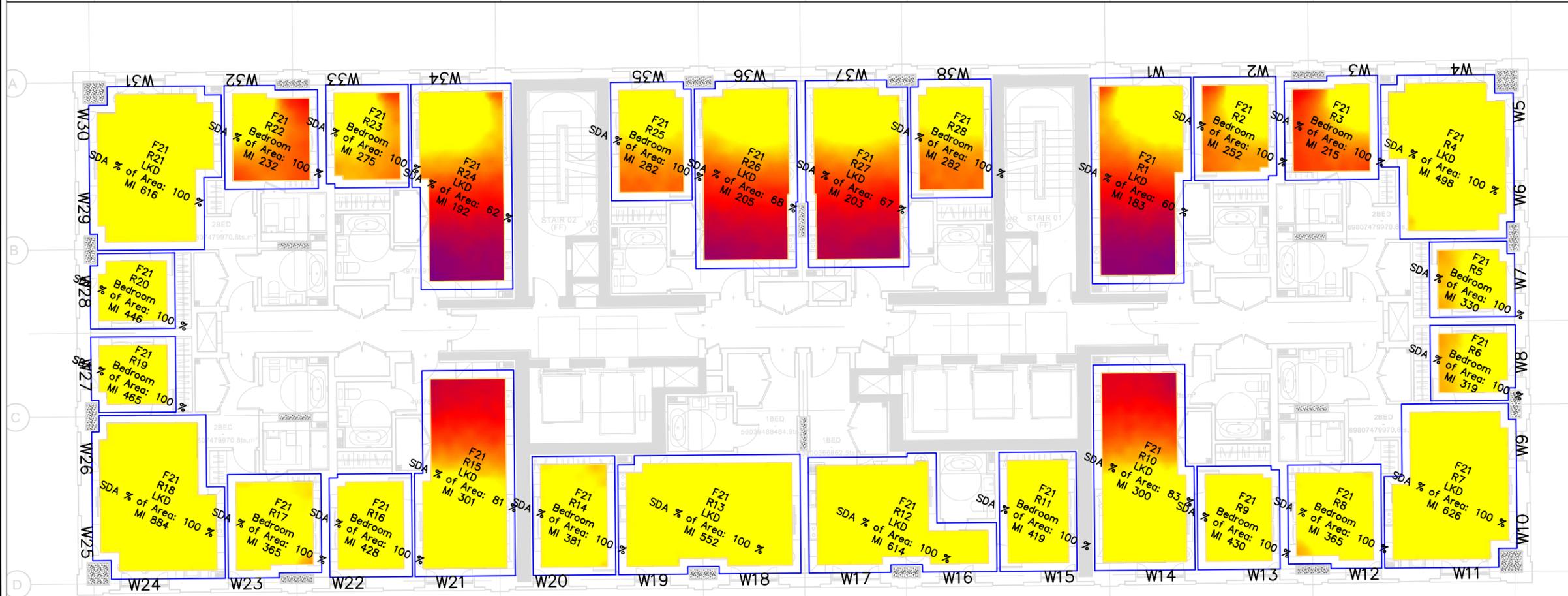
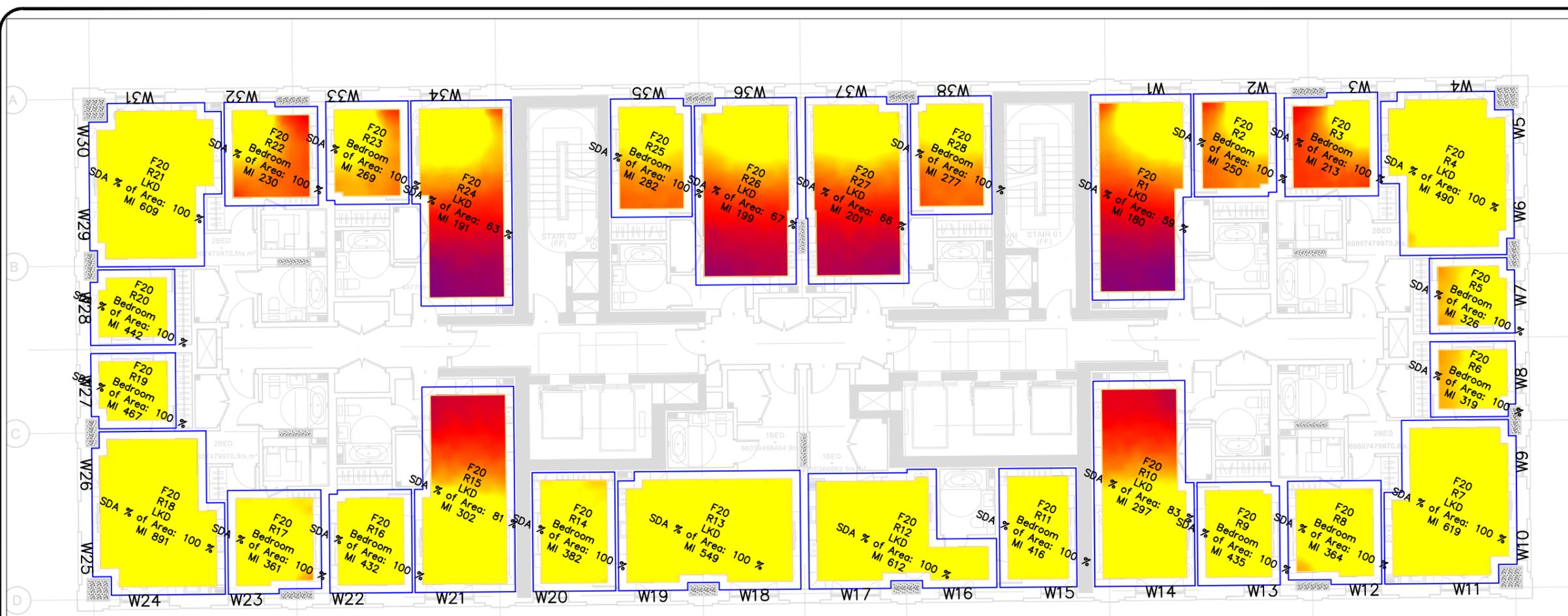


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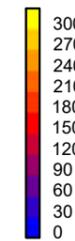
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SCHEME  
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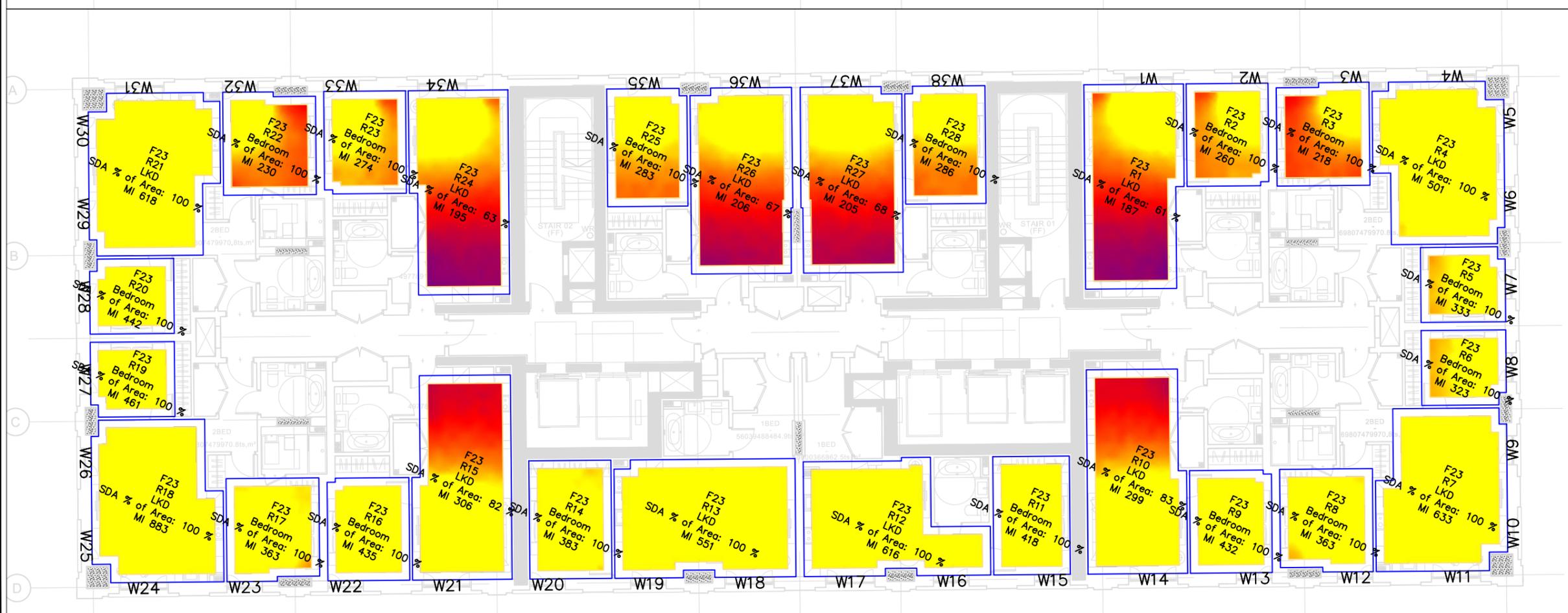
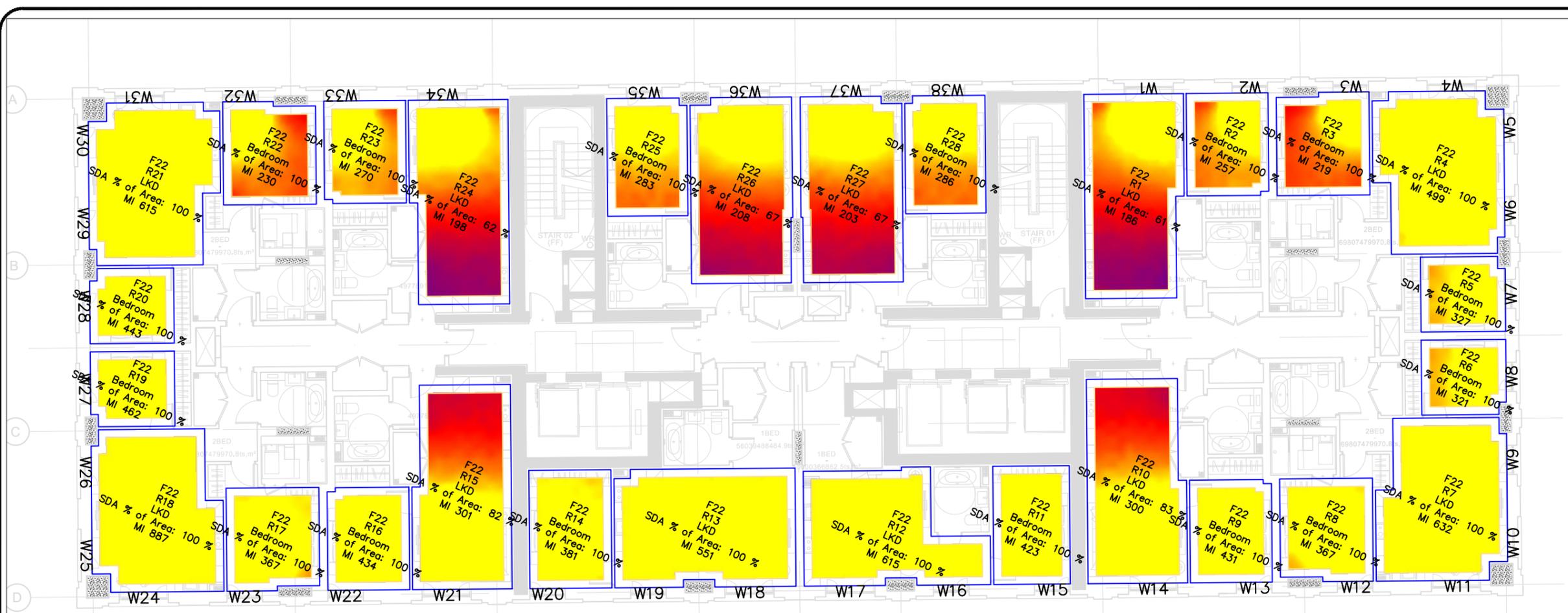
PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 SPATIAL DAYLIGHT AUTONOMY  
 LIGHT FINISHES

JOB NO: 200	RELEASE: 04-01	DRG NO: 508
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL



SOURCES OF INFORMATION:  
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PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
SPATIAL DAYLIGHT AUTONOMY  
LIGHT FINISHES

JOB NO: 200	RELEASE: 04-01	DRG NO: 509
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL

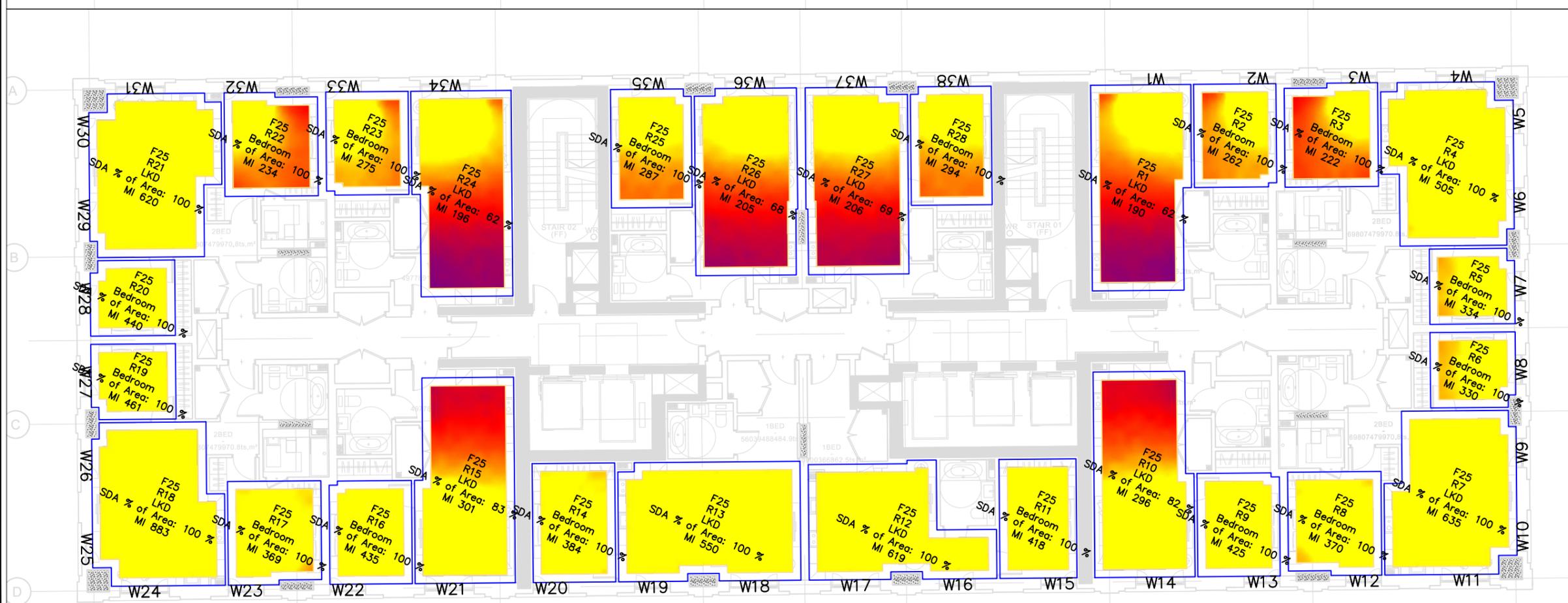
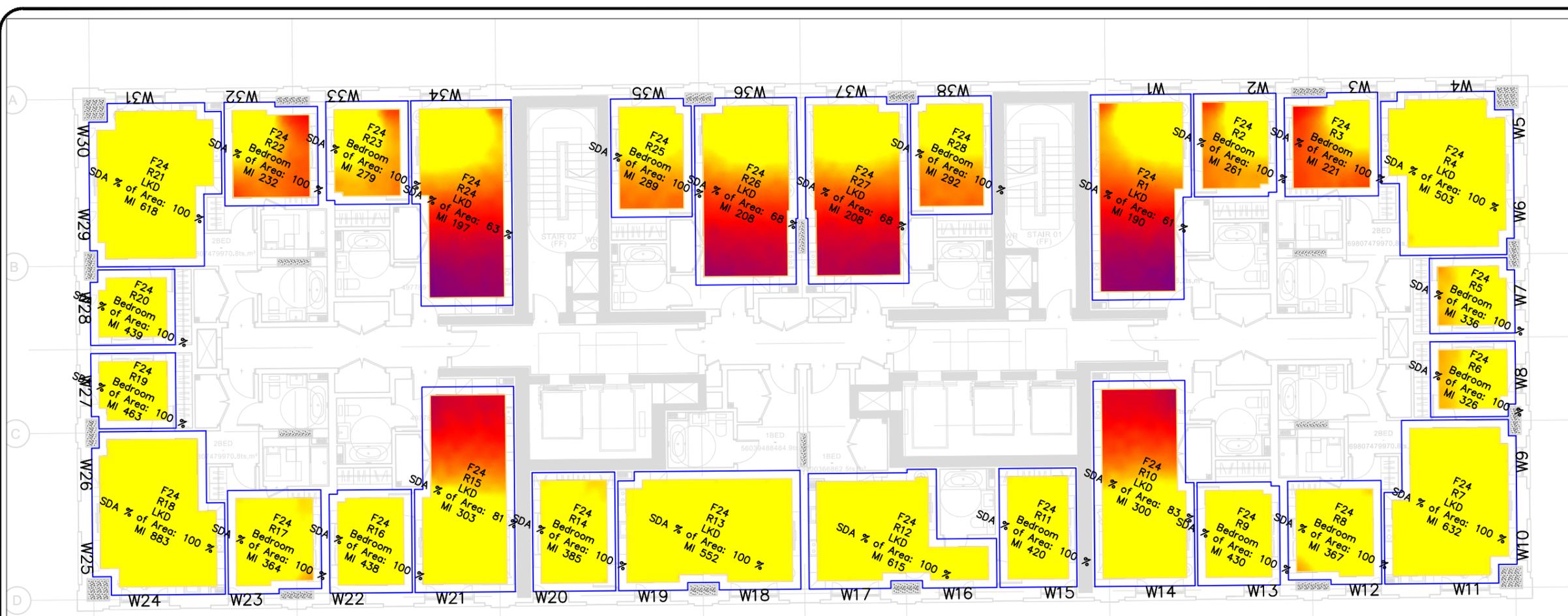


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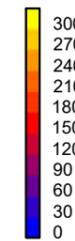
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SCHEME  
 06159\_MODEL\_250709.DWG



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PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 SPATIAL DAYLIGHT AUTONOMY  
 LIGHT FINISHES

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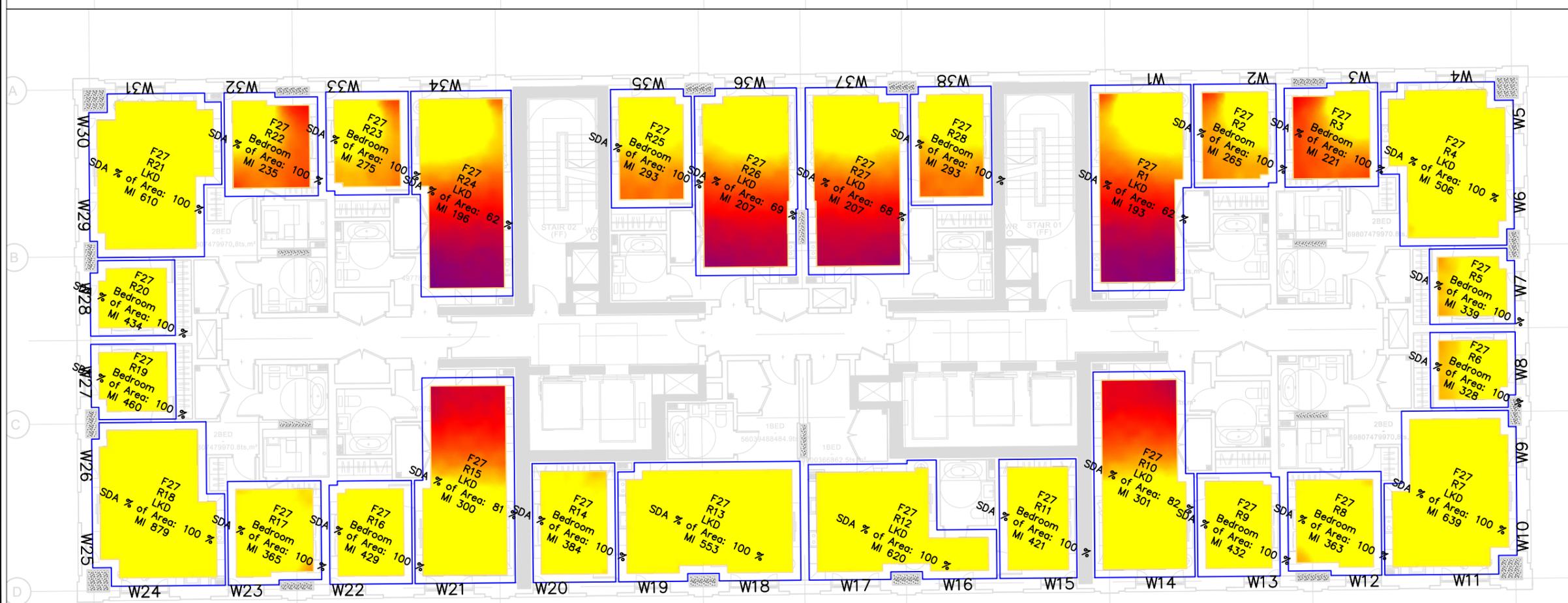
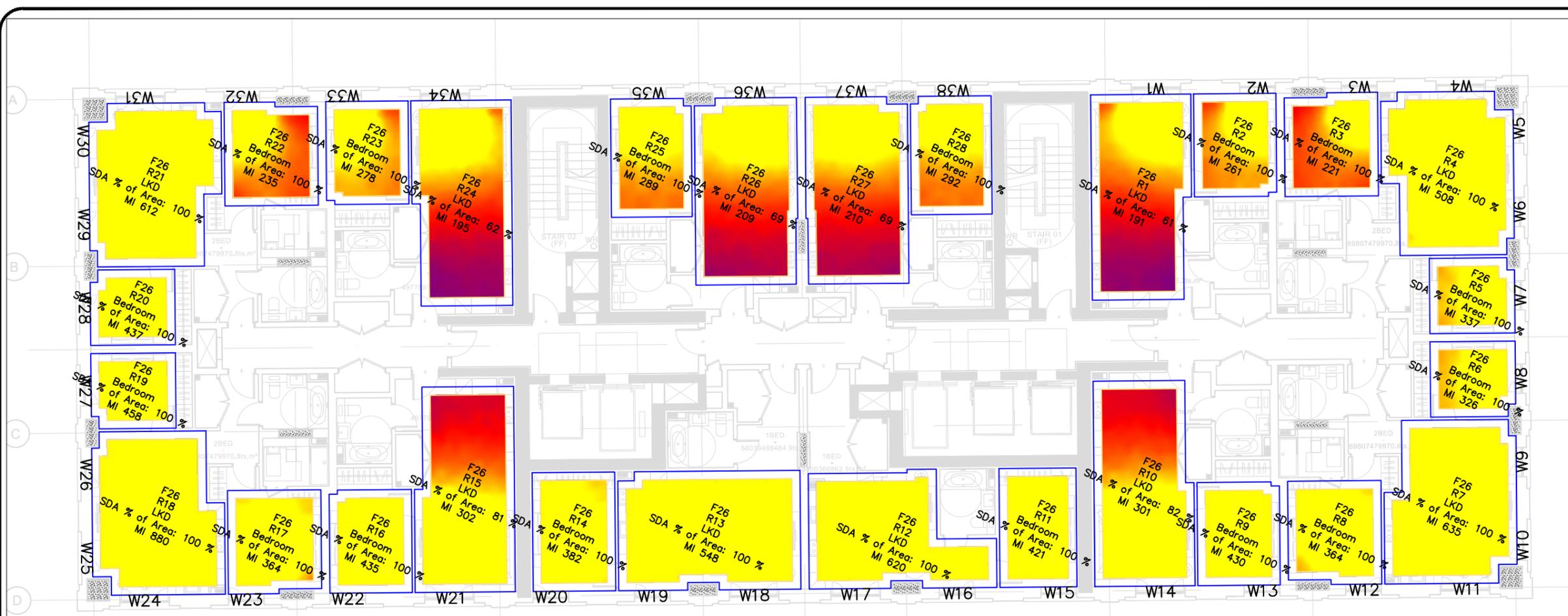


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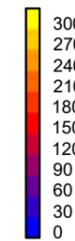
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SCHEME  
06159\_MODEL\_250709.DWG



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PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
SPATIAL DAYLIGHT AUTONOMY  
LIGHT FINISHES

JOB NO: 200	RELEASE: 04-01	DRG NO: 511
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL

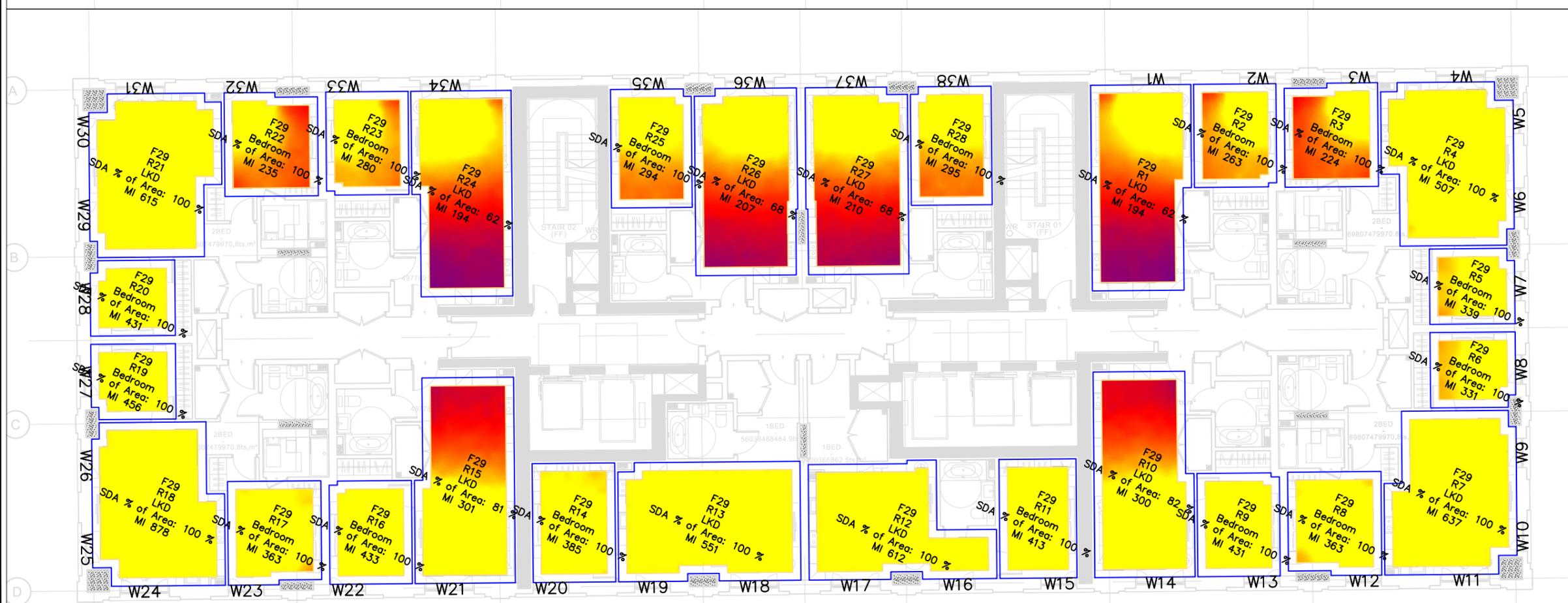
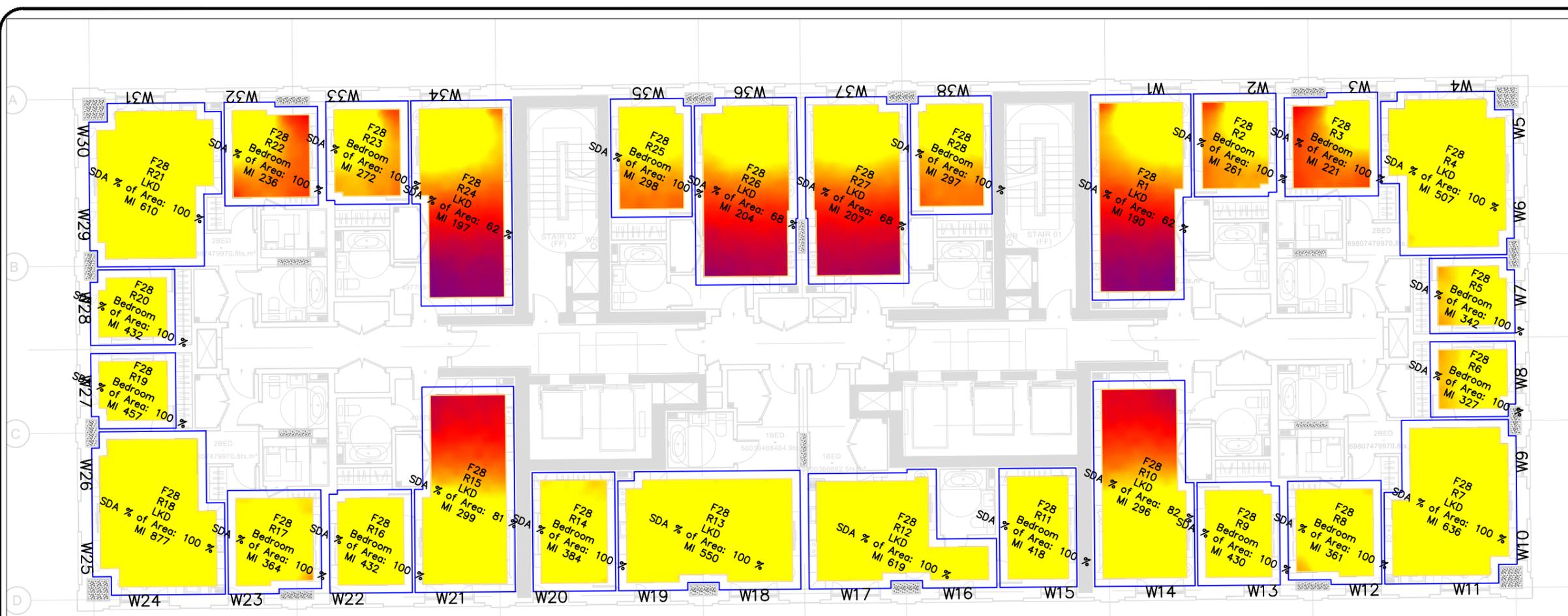


SOURCES OF INFORMATION:

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MBS SURVEY MODEL  
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SCHEME  
 06159\_MODEL\_250709.DWG



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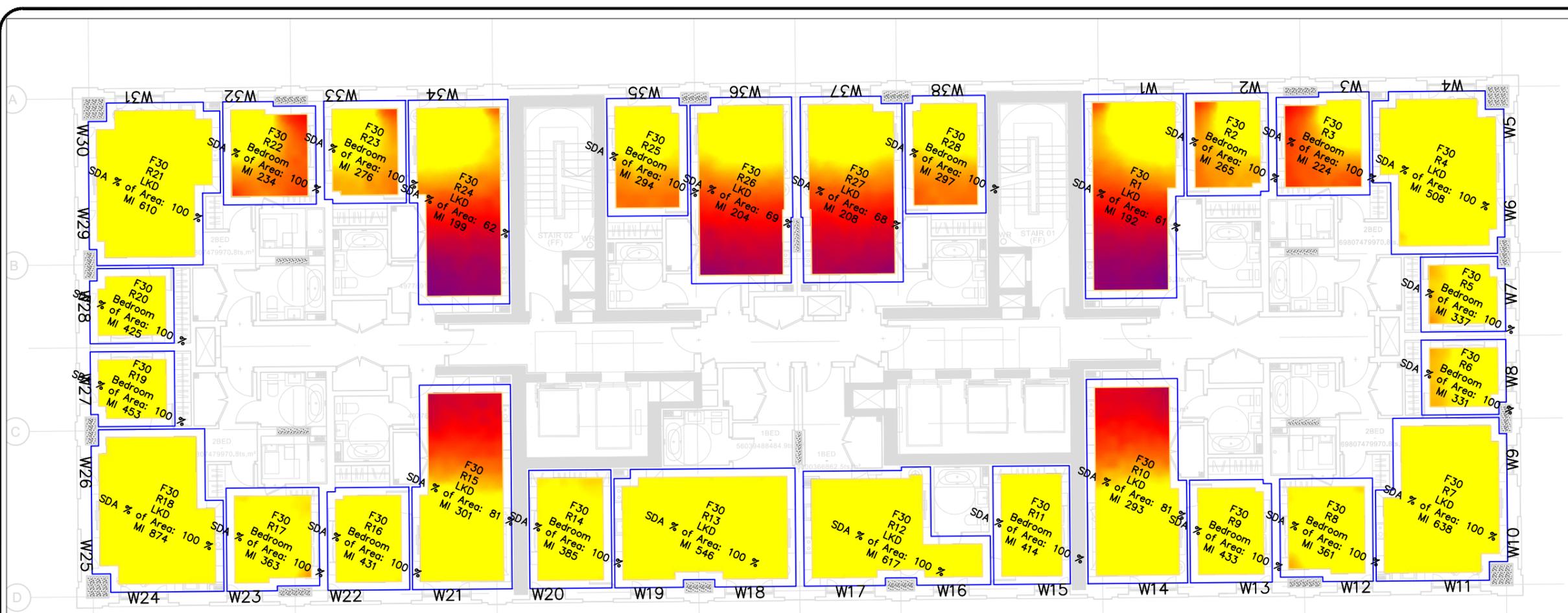
PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 SPATIAL DAYLIGHT AUTONOMY  
 LIGHT FINISHES

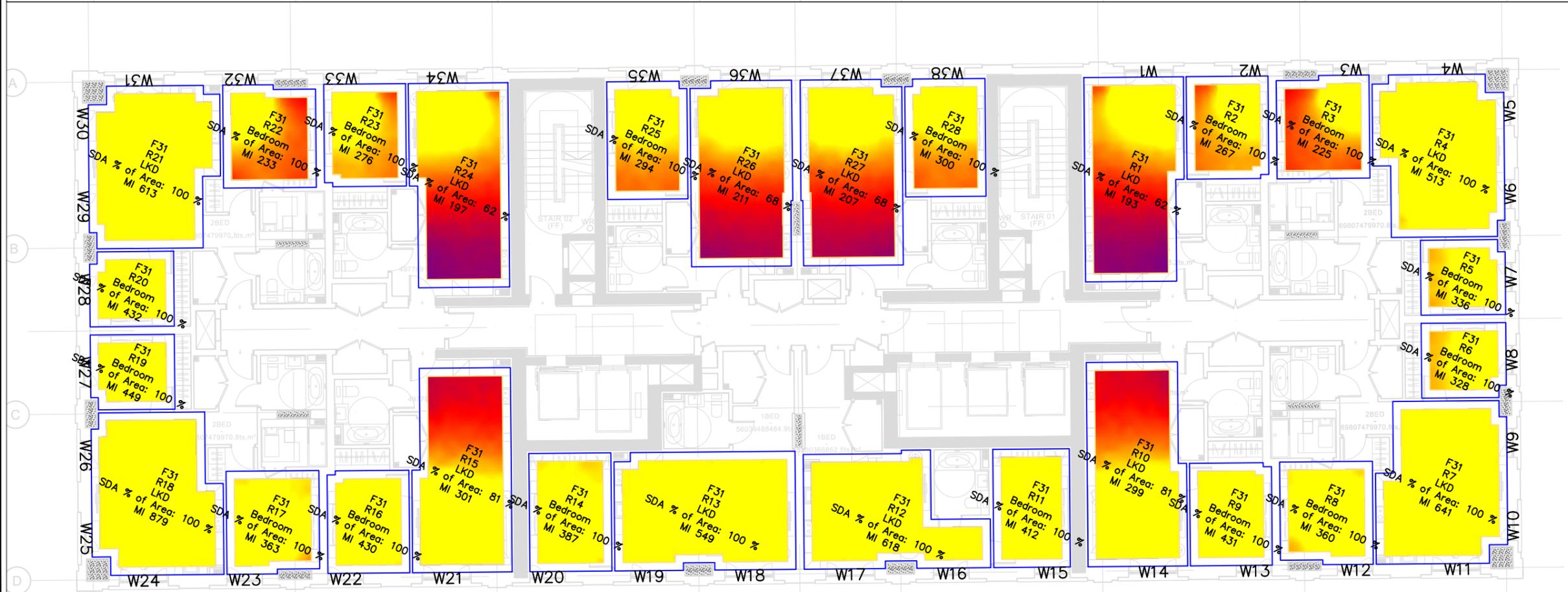
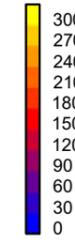
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JUL '25	CS-01	INDIVIDUAL



SOURCES OF INFORMATION:  
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 ACCUCITIES MODEL  
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 SCHEME  
 06159\_MODEL\_250709.DWG



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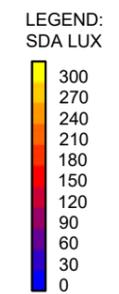
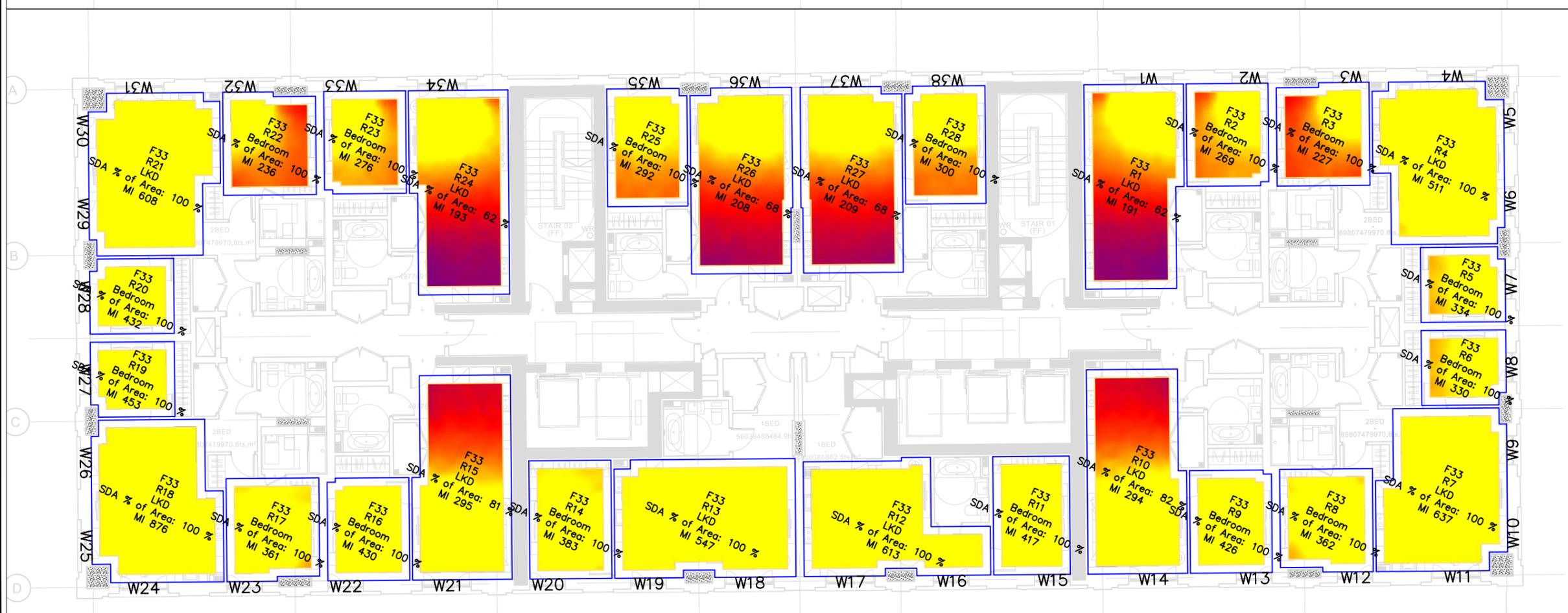
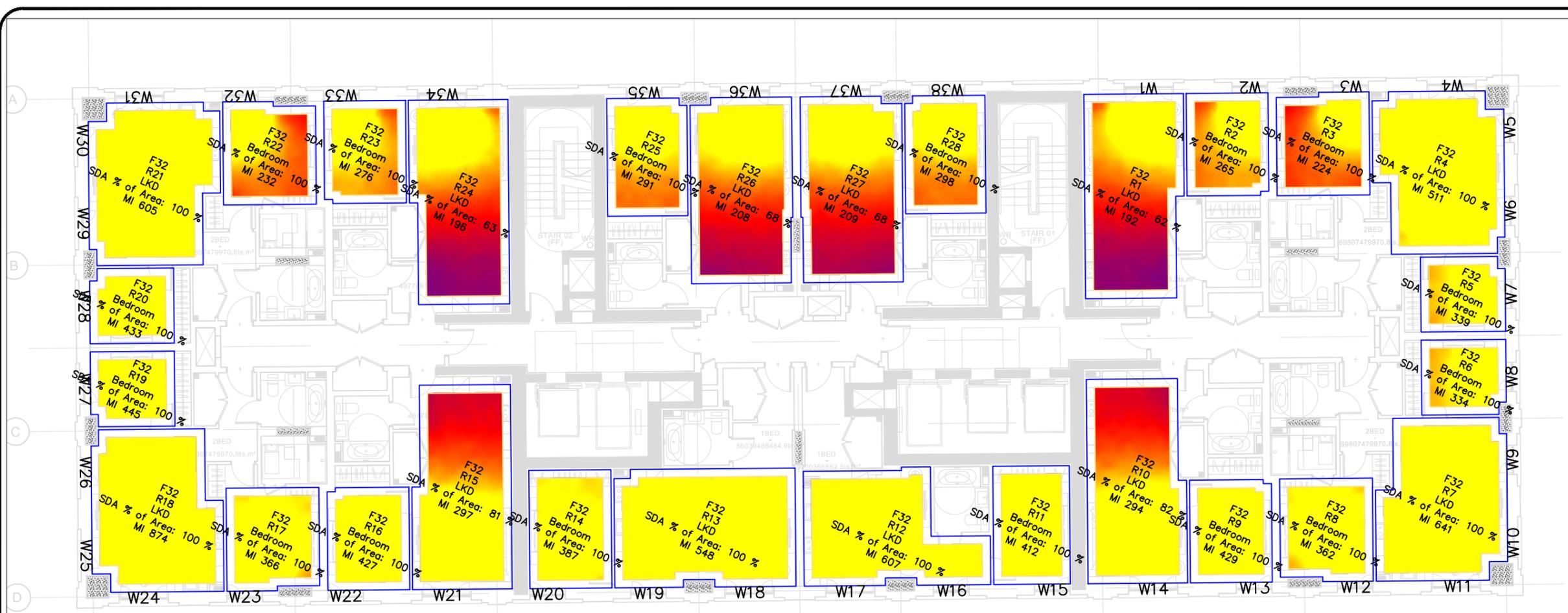
PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
SPATIAL DAYLIGHT AUTONOMY  
LIGHT FINISHES

JOB NO: 200	RELEASE: 04-01	DRG NO: 513
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL



SOURCES OF INFORMATION:  
 3D CONTEXT MODEL  
 ACCUCITIES MODEL  
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 MBS SURVEY MODEL  
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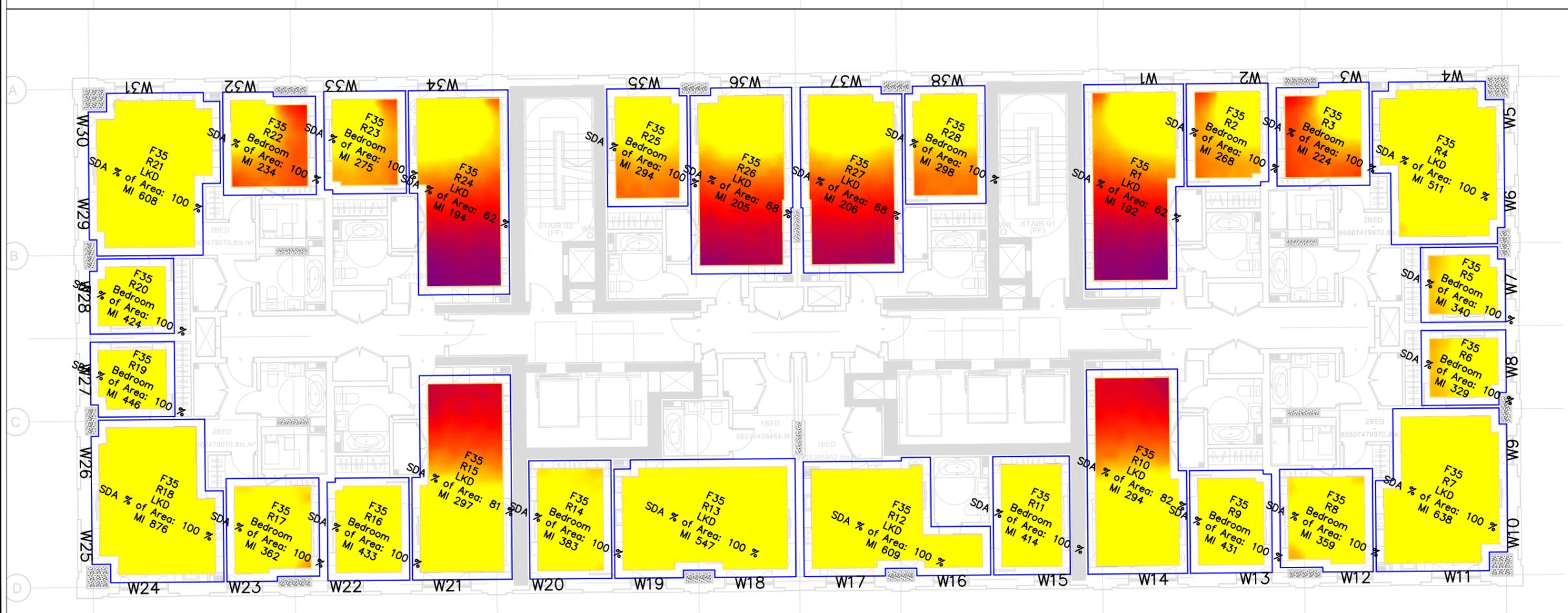
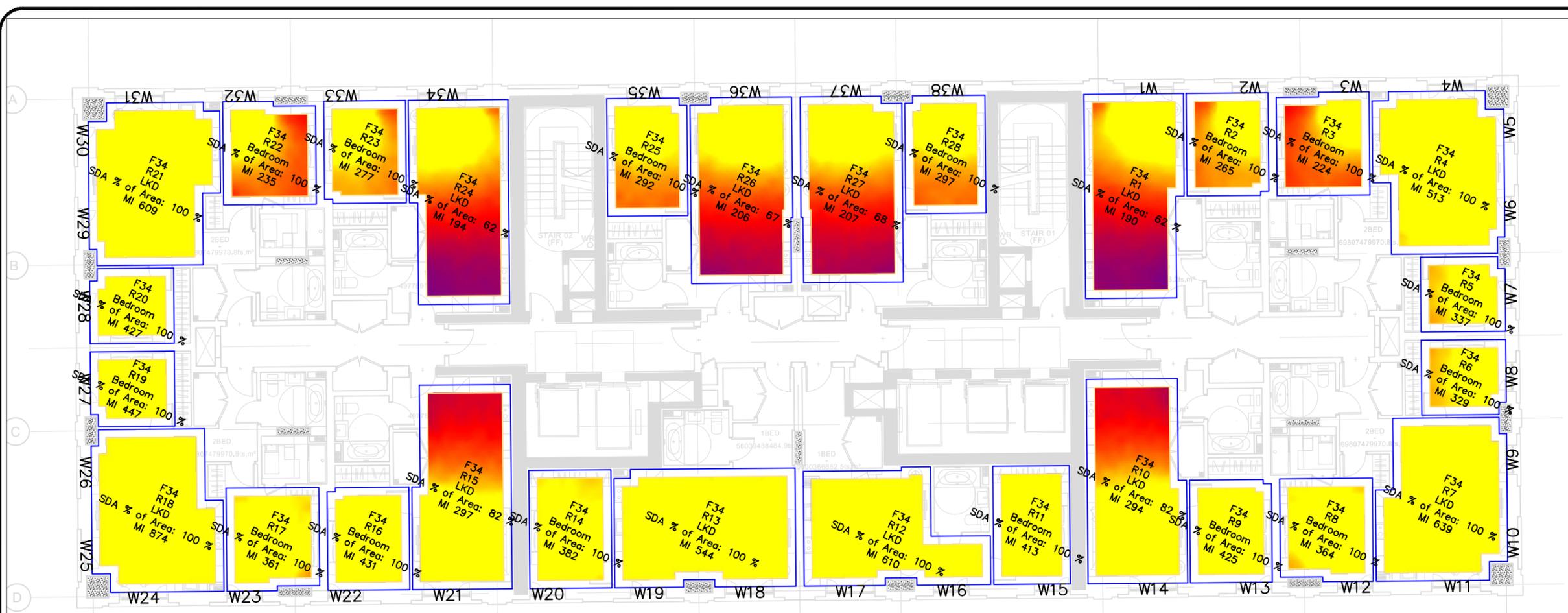
PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 SPATIAL DAYLIGHT AUTONOMY  
 LIGHT FINISHES

JOB NO: 200	RELEASE: 04-01	DRG NO: 514
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL



SOURCES OF INFORMATION:  
 3D CONTEXT MODEL  
 ACCUCITIES MODEL  
 004746\_CARDIFF\_HD\_MASTER.DWG  
 MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG  
 SCHEME  
 06159\_MODEL\_250709.DWG



LEGEND:  
SDA LUX

REV: DESCRIPTION: BY: DATE:

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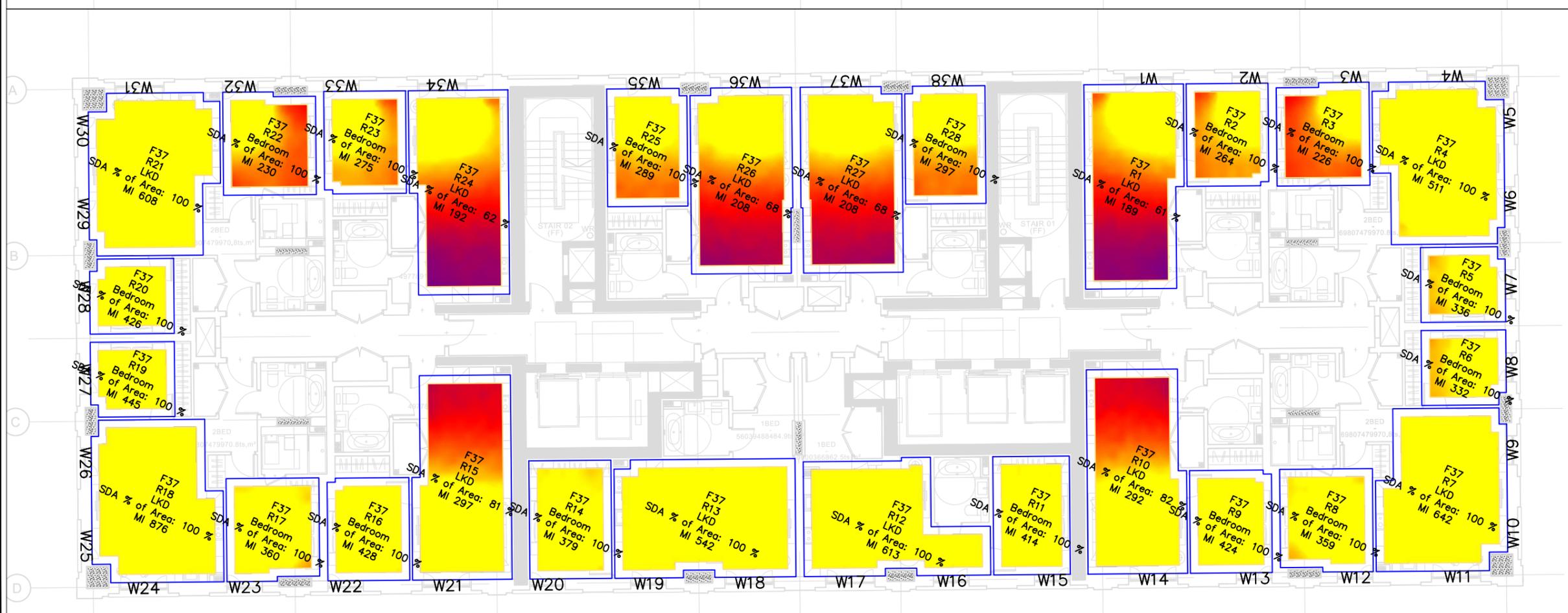
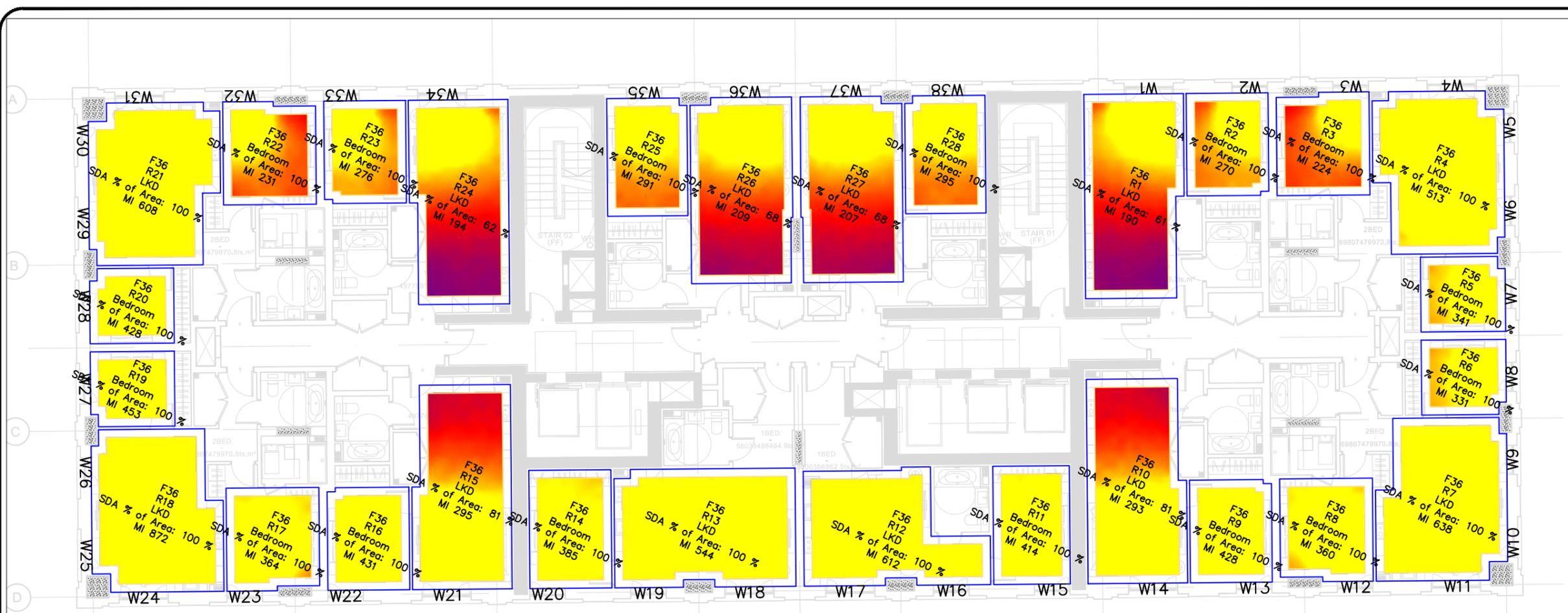
PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 SPATIAL DAYLIGHT AUTONOMY  
 LIGHT FINISHES

JOB NO: 200	RELEASE: 04-01	DRG NO: 515
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL



SOURCES OF INFORMATION:  
 3D CONTEXT MODEL  
 ACCUCITIES MODEL  
 004746\_CARDIFF\_HD\_MASTER.DWG  
 MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG  
 SCHEME  
 06159\_MODEL\_250709.DWG



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PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 SPATIAL DAYLIGHT AUTONOMY  
 LIGHT FINISHES

JOB NO: 200	RELEASE: 04-01	DRG NO: 516
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL

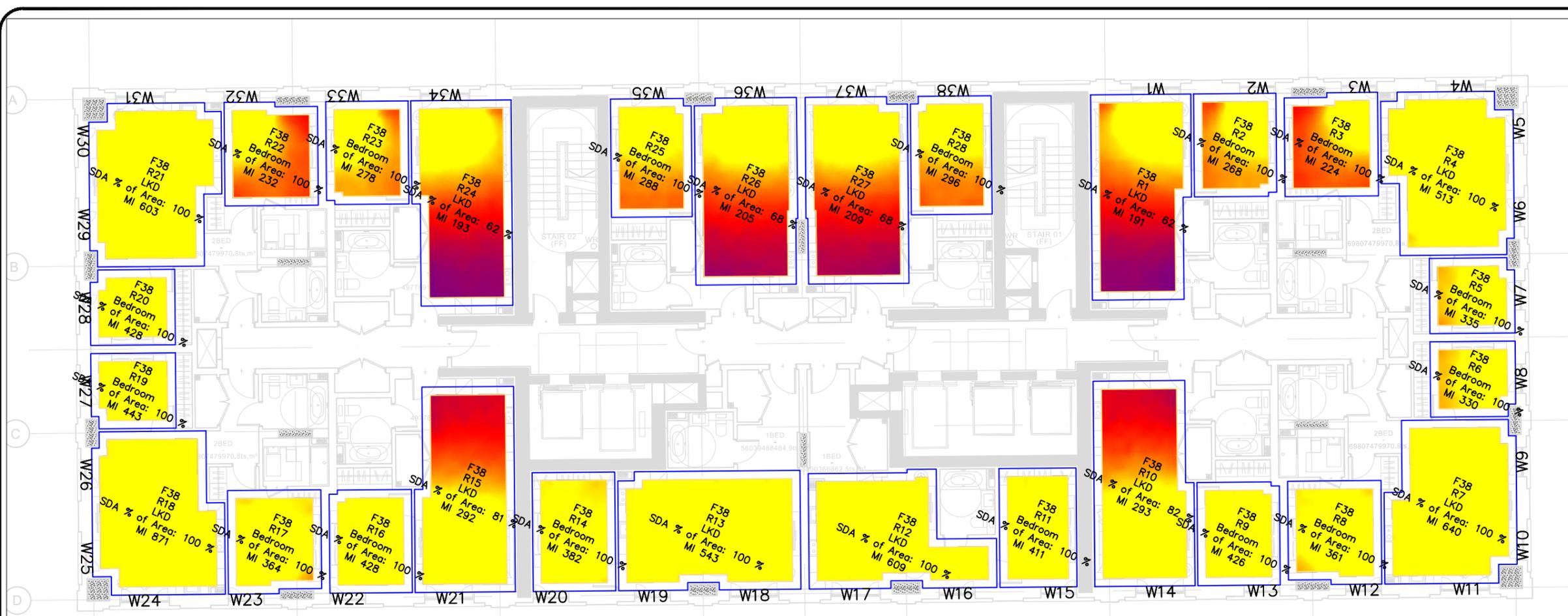


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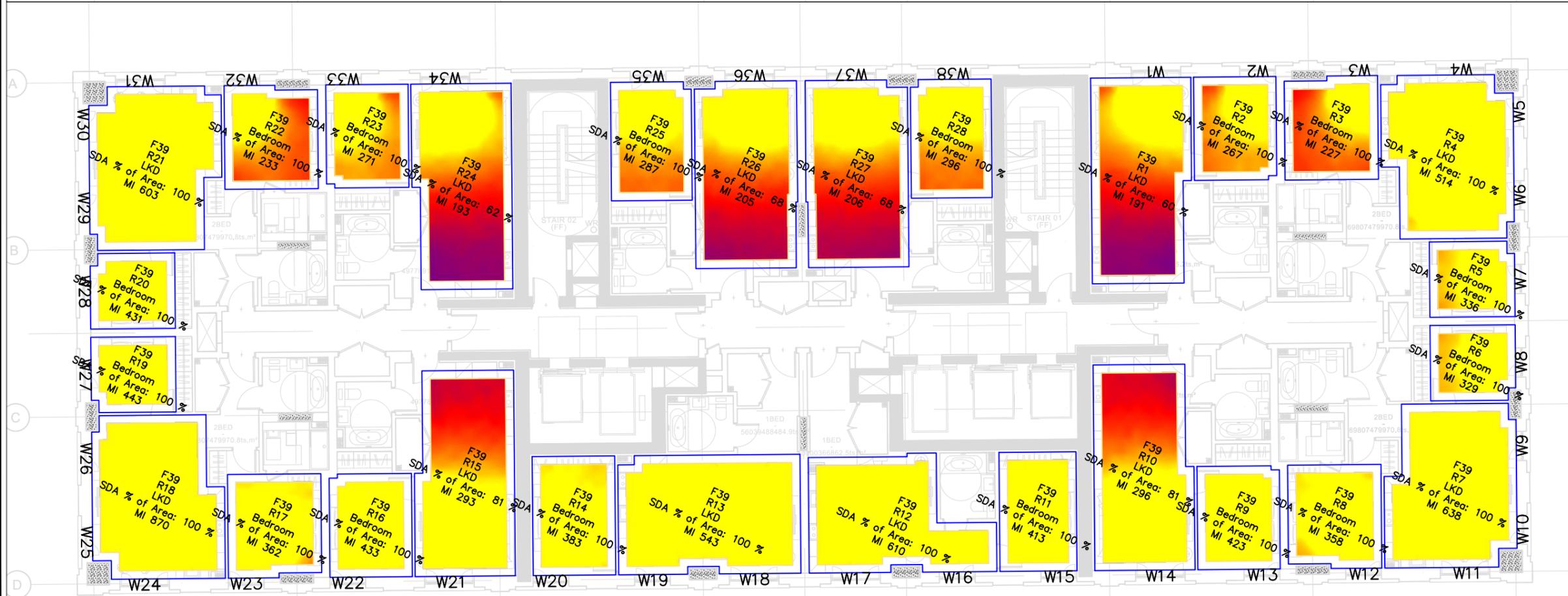
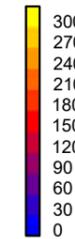
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 004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
 06159\_MODEL\_250709.DWG



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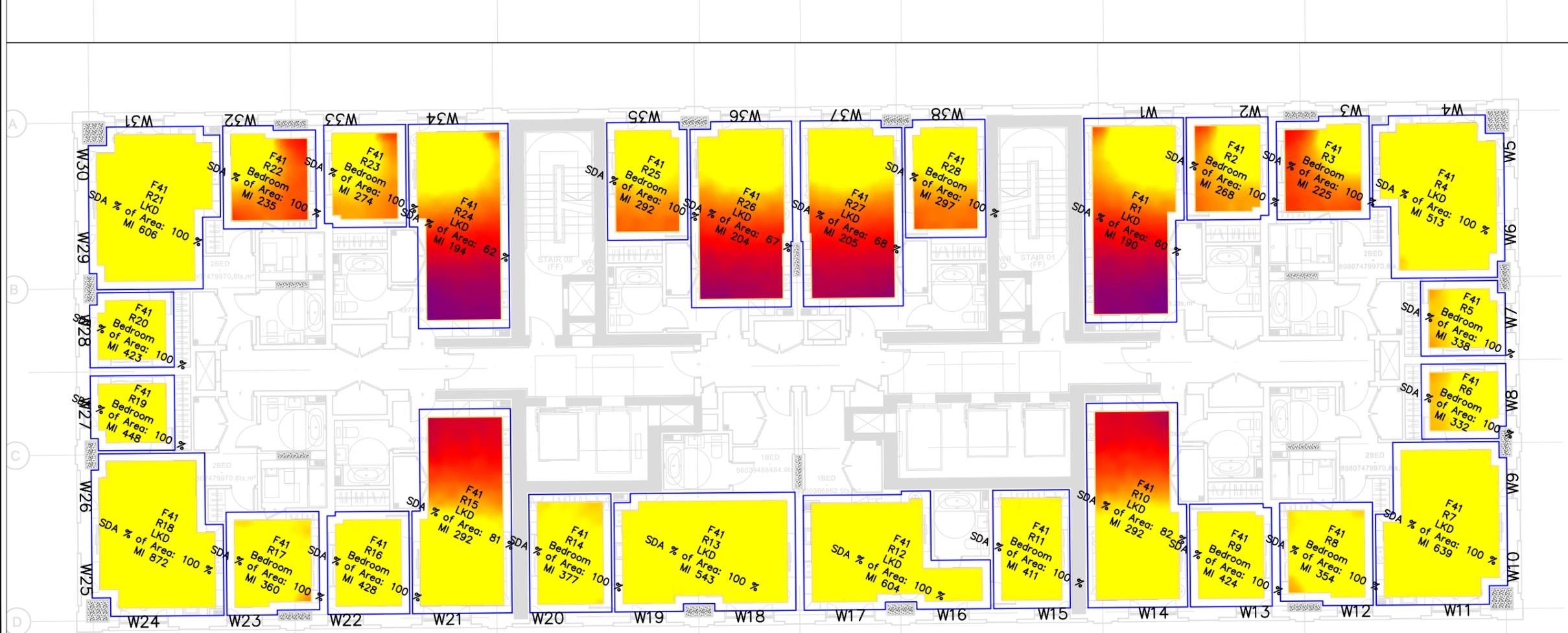
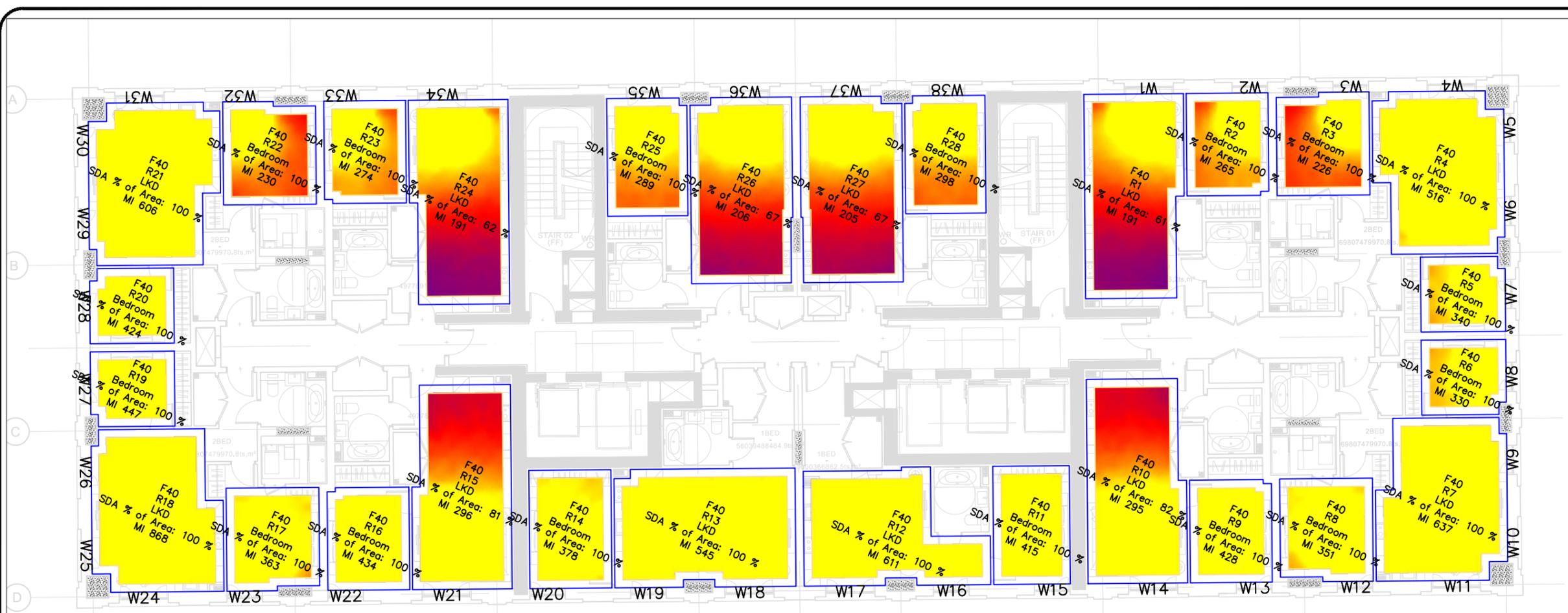
PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 SPATIAL DAYLIGHT AUTONOMY  
 LIGHT FINISHES

JOB NO: 200	RELEASE: 04-01	DRG NO: 517
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL



SOURCES OF INFORMATION:  
 3D CONTEXT MODEL  
 ACCUCITIES MODEL  
 004746\_CARDIFF\_HD\_MASTER.DWG  
 MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG  
 SCHEME  
 06159\_MODEL\_250709.DWG



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PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 SPATIAL DAYLIGHT AUTONOMY  
 LIGHT FINISHES

JOB NO: 200	RELEASE: 04-01	DRG NO: 518
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL

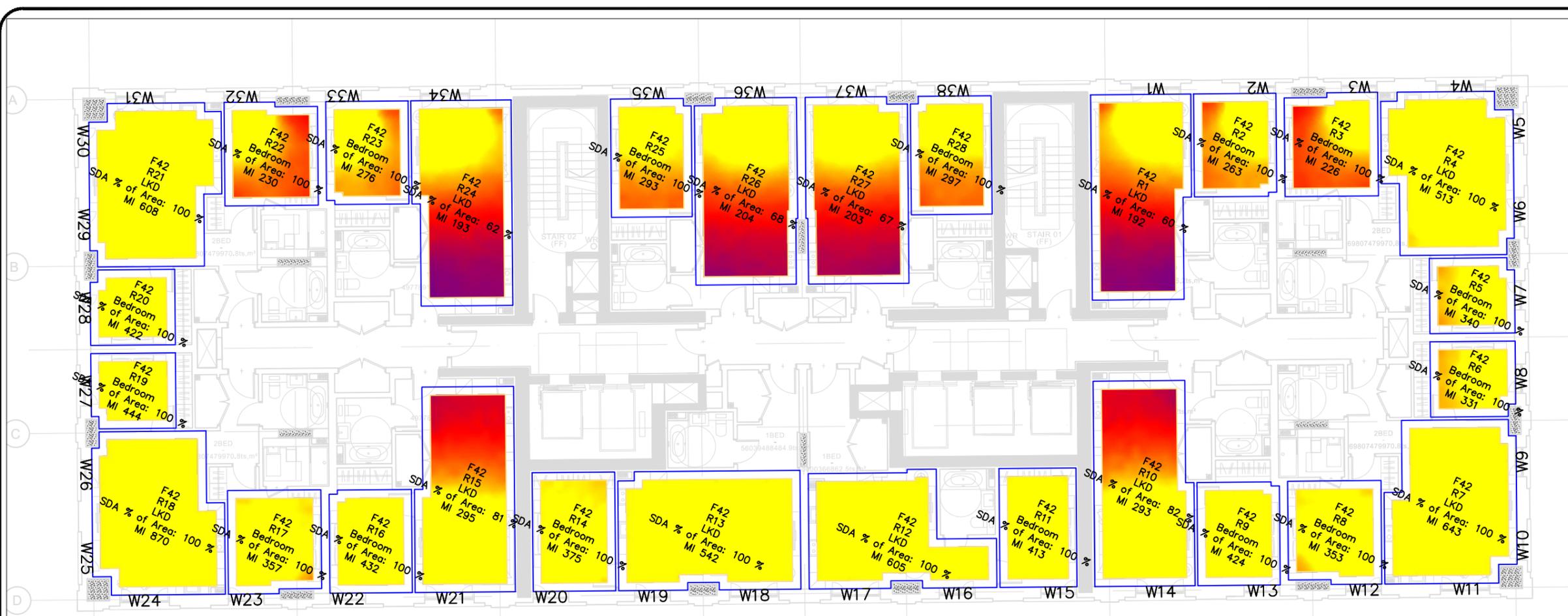


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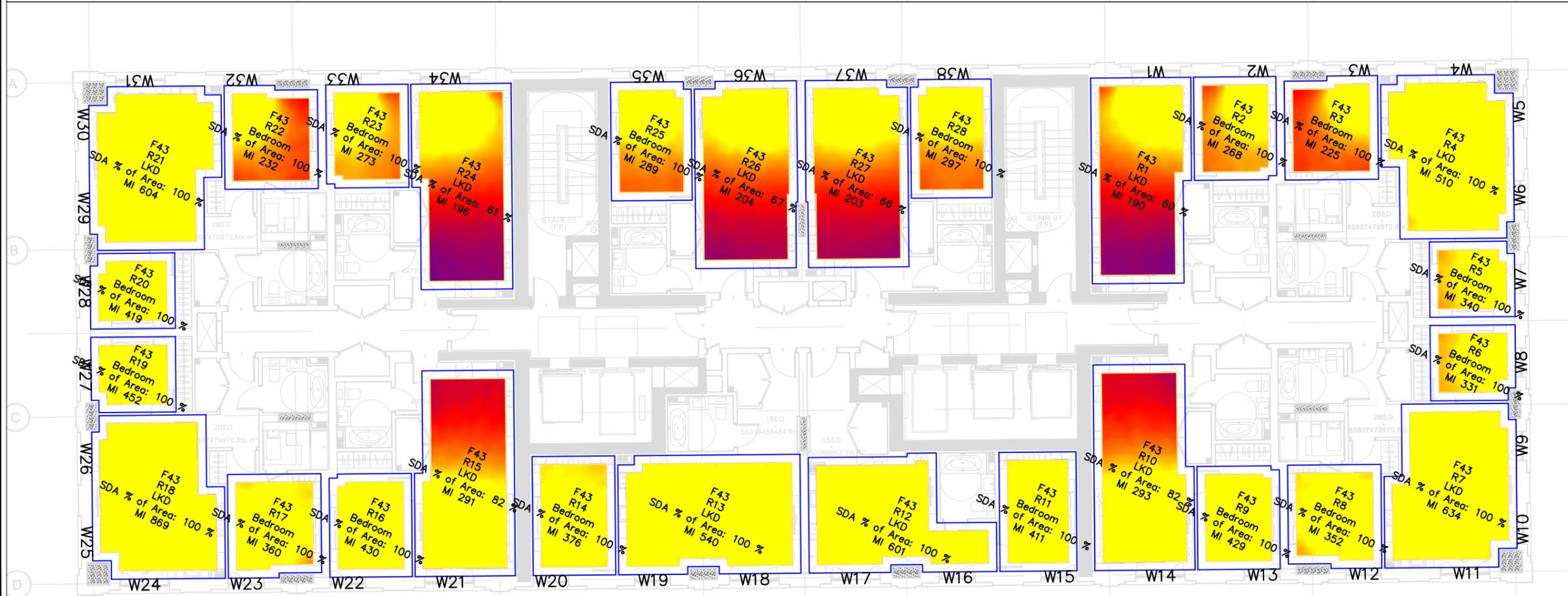
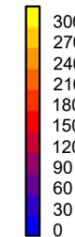
3D CONTEXT MODEL  
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 004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
 06159\_MODEL\_250709.DWG



LEGEND:  
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PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 SPATIAL DAYLIGHT AUTONOMY  
 LIGHT FINISHES

JOB NO: 200	RELEASE: 04-01	DRG NO: 519
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL

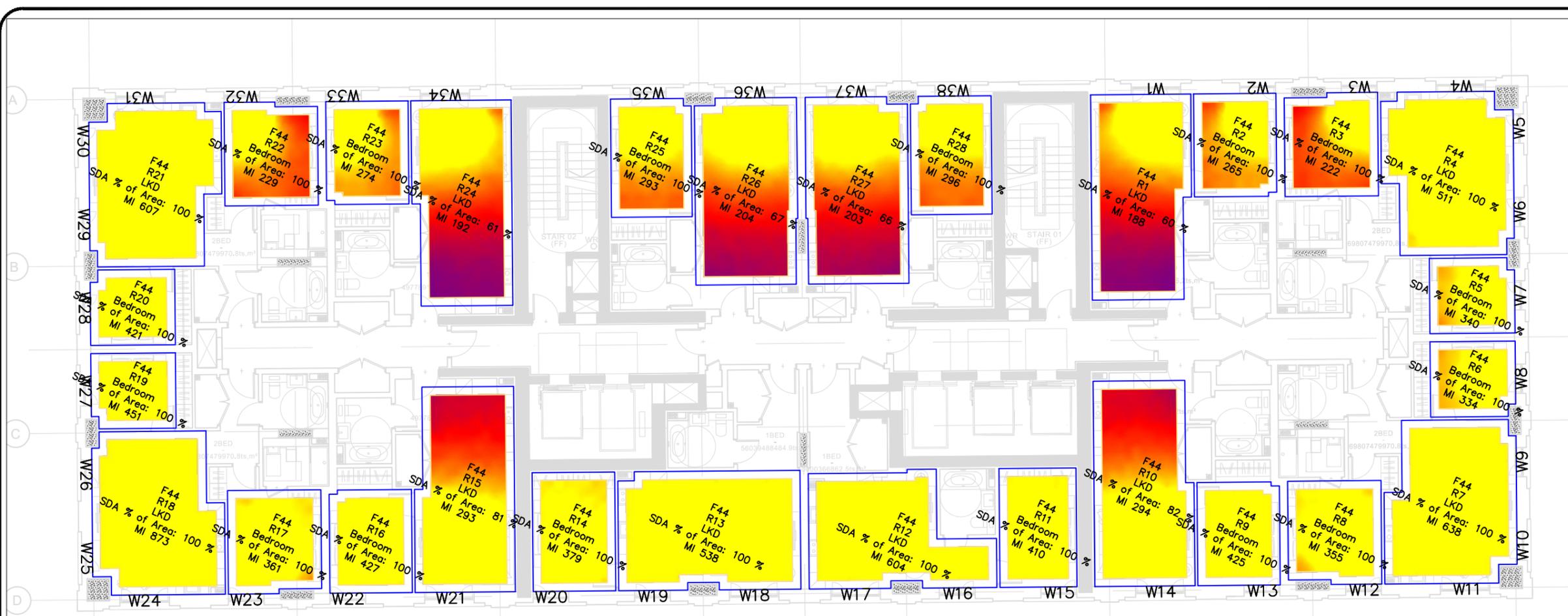


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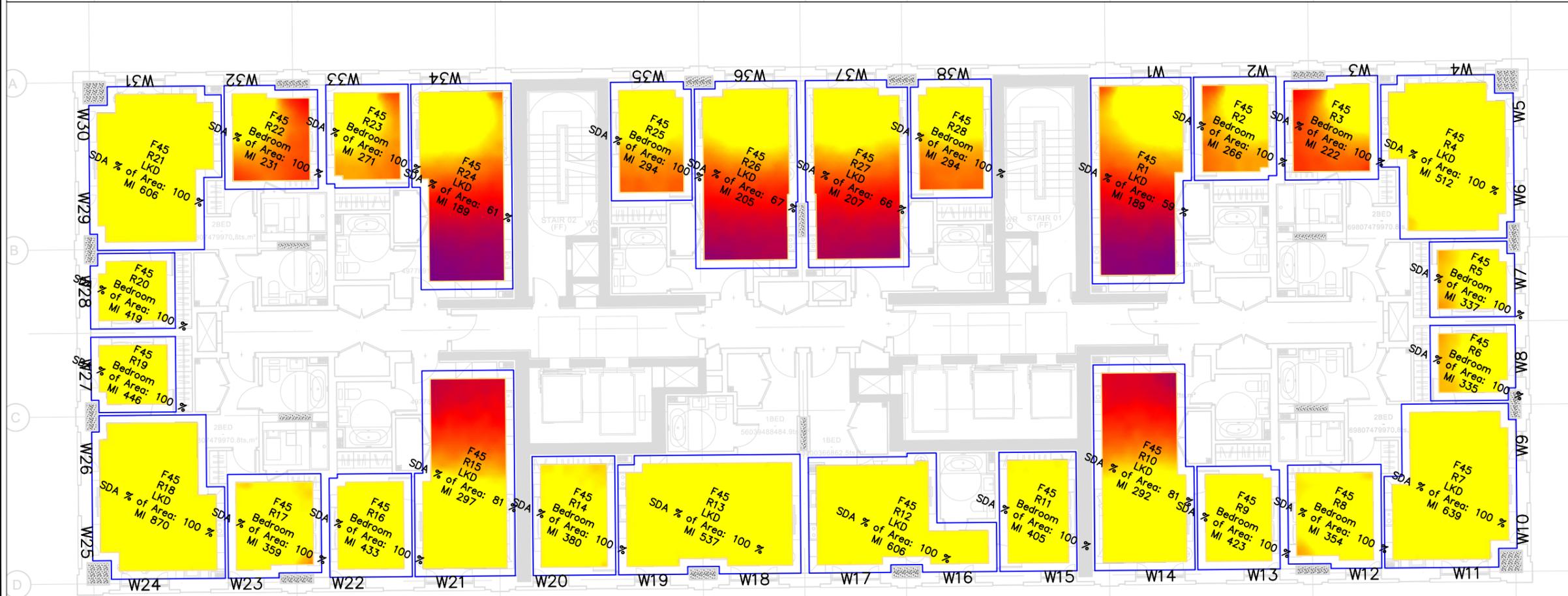
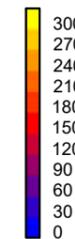
3D CONTEXT MODEL  
ACCUCITIES MODEL  
004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG



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PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
SPATIAL DAYLIGHT AUTONOMY  
LIGHT FINISHES

JOB NO: 200	RELEASE: 04-01	DRG NO: 520
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL

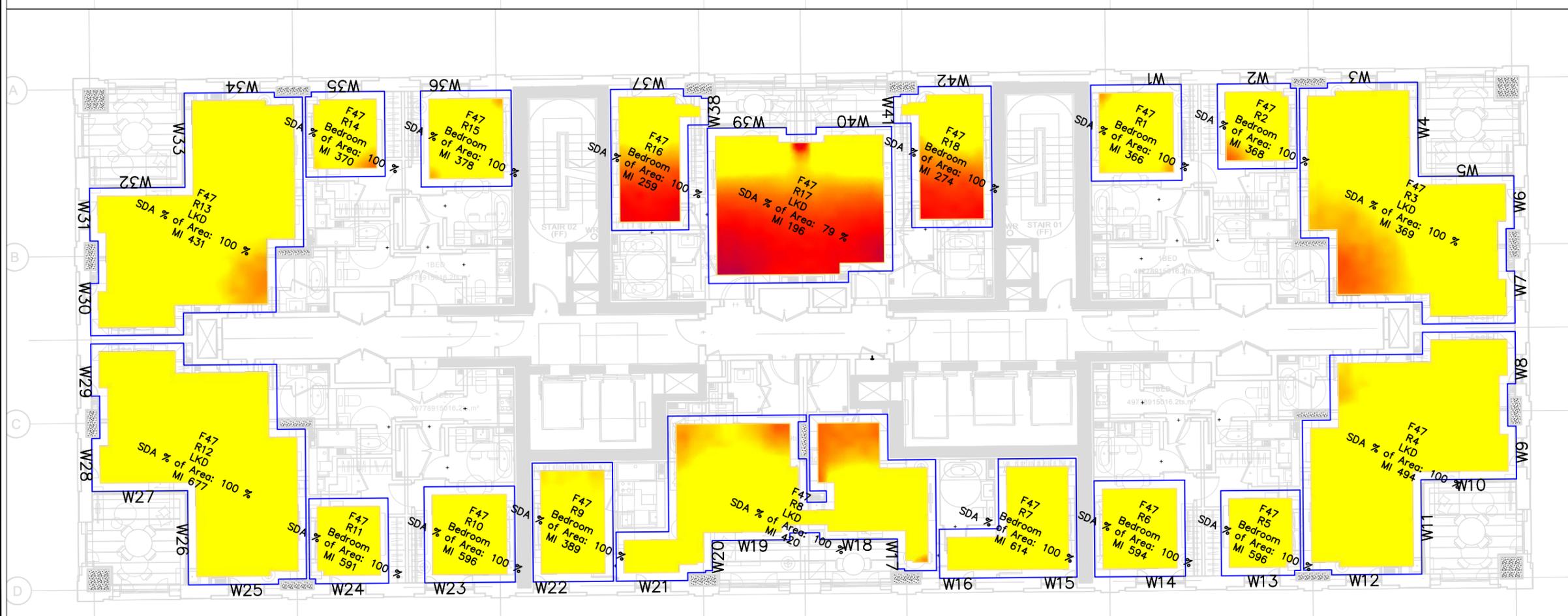
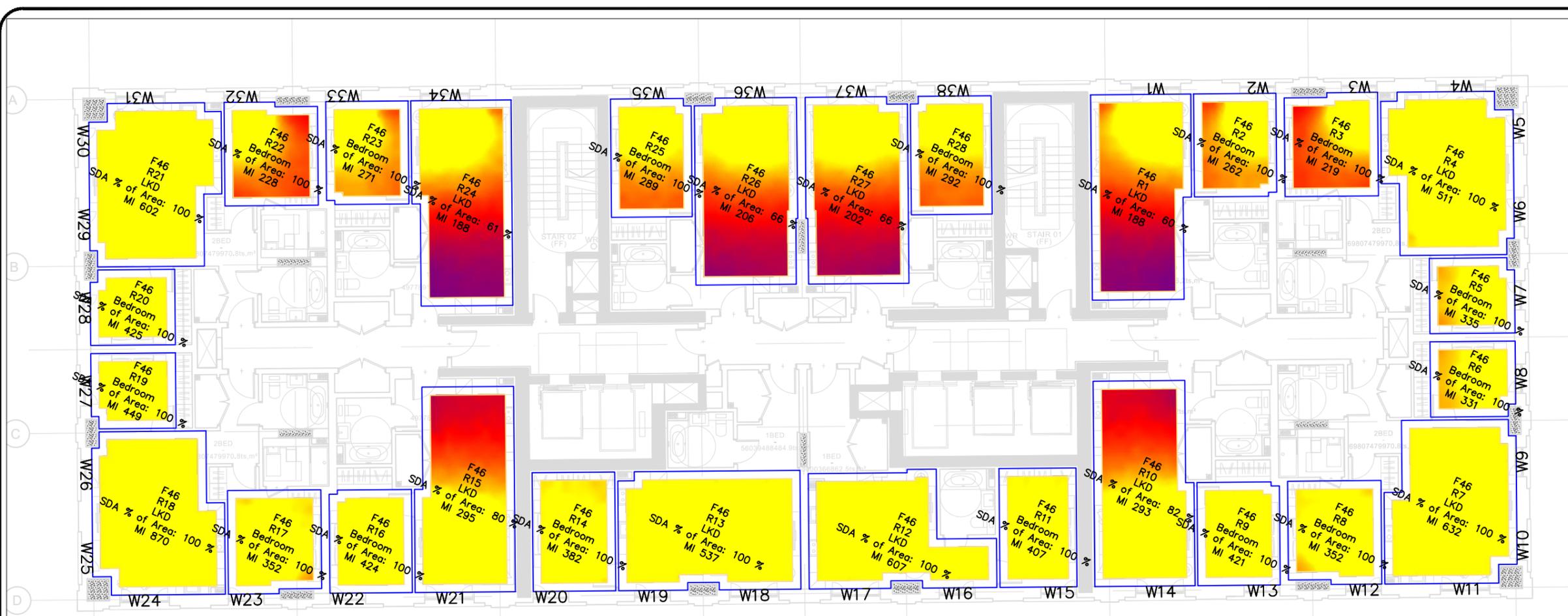


SOURCES OF INFORMATION:

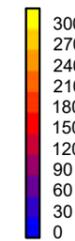
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ACCUCITIES MODEL  
004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG



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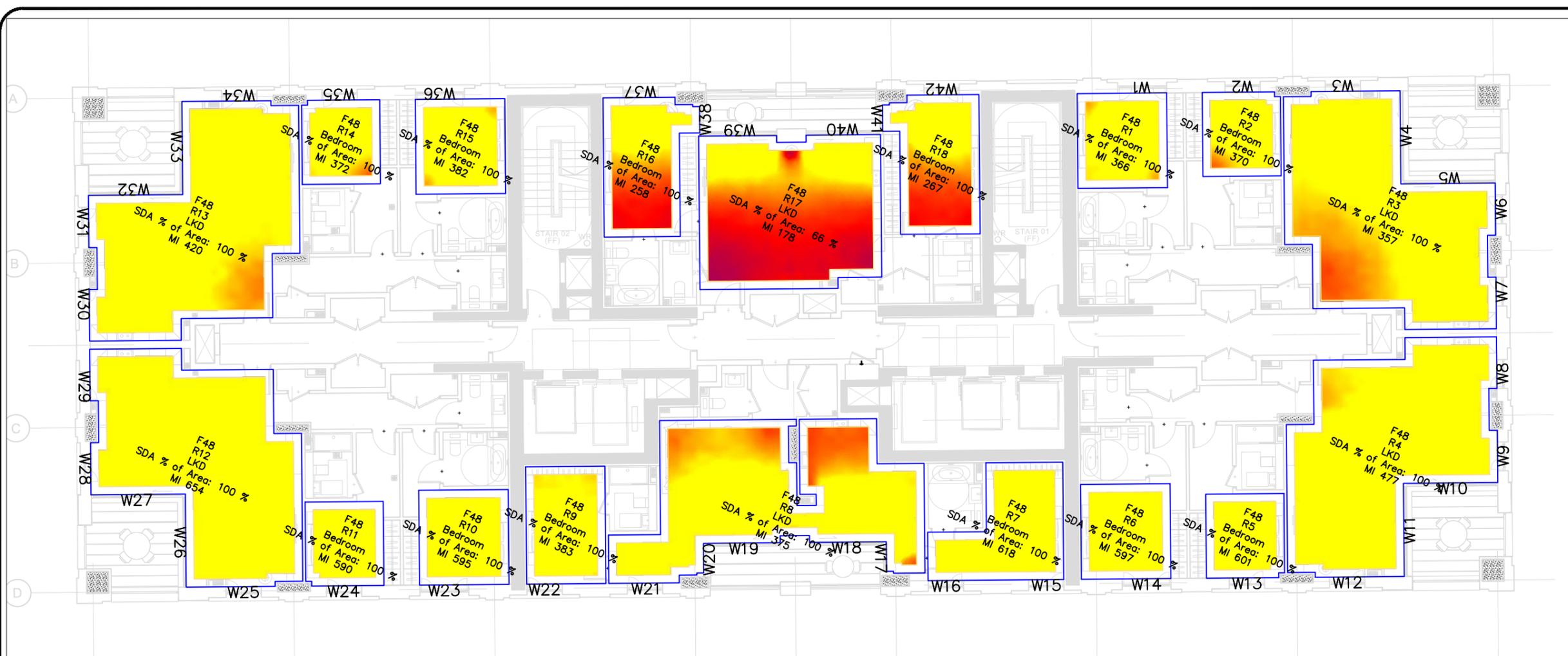
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PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

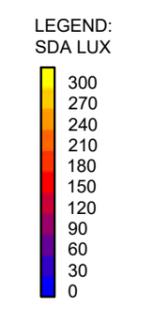
TITLE:  
SPATIAL DAYLIGHT AUTONOMY  
LIGHT FINISHES

JOB NO: 200	RELEASE: 04-01	DRG NO: 521
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL





SOURCES OF INFORMATION:  
 3D CONTEXT MODEL  
 ACCUCITIES MODEL  
 004746\_CARDIFF\_HD\_MASTER.DWG  
 MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG  
 SCHEME  
 06159\_MODEL\_250709.DWG



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PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 SPATIAL DAYLIGHT AUTONOMY  
 LIGHT FINISHES

JOB NO: 200	RELEASE: 04-01	DRG NO: 522
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL



## SDA Analysis – Green Option

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Daylight - SDA Analysis - Green Option  
 Date of Analysis: 16/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Criteria				Meets Criteria
										Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours	
<b>Central Square</b>														
F04	R1	Residential	LKD		26.13	19.81	52	2.15	11%	200	50%	50%	4380	NO
	R2	Residential	Bedroom		11.21	7.52	68	2.05	27%	100	50%	50%	4380	NO
	R3	Residential	Bedroom		12.56	8.62	61	2.08	24%	100	50%	50%	4380	NO
	R4	Residential	LKD		26.17	20.07	216	11.48	57%	200	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	155	4.87	93%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	141	4.91	94%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	244	14.55	72%	200	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	116	5.22	61%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	144	6.50	86%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	95	4.72	24%	200	50%	50%	4380	NO
	R11	Residential	Bedroom		12.14	8.22	136	6.40	78%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	207	8.65	51%	200	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	168	8.40	38%	200	50%	50%	4380	NO
	R14	Residential	Bedroom		13.01	8.97	92	3.99	44%	100	50%	50%	4380	NO
	R15	Residential	LKD		26.13	19.81	74	3.47	18%	200	50%	50%	4380	NO
	R16	Residential	Bedroom		11.22	7.53	106	4.37	58%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	96	4.16	48%	100	50%	50%	4380	NO
	R18	Residential	LKD		26.38	20.28	210	11.33	56%	200	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	62	1.29	25%	100	50%	50%	4380	NO
	R20	Residential	Bedroom		8.34	5.20	51	0.76	15%	100	50%	50%	4380	NO
	R21	Residential	LKD		26.17	20.07	98	3.59	18%	200	50%	50%	4380	NO
	R22	Residential	Bedroom		12.56	8.62	53	2.24	26%	100	50%	50%	4380	NO
	R23	Residential	Bedroom		11.21	7.52	69	2.56	34%	100	50%	50%	4380	NO
	R24	Residential	LKD		26.13	19.81	47	2.15	11%	200	50%	50%	4380	NO
	R25	Residential	Bedroom		12.59	8.60	87	3.68	43%	100	50%	50%	4380	NO
	R26	Residential	LKD		24.98	19.02	60	2.21	12%	200	50%	50%	4380	NO
	R27	Residential	LKD		24.98	19.02	64	2.30	12%	200	50%	50%	4380	NO
	R28	Residential	Bedroom		12.61	8.62	90	3.85	45%	100	50%	50%	4380	NO
F05	R1	Residential	LKD		26.13	19.81	59	2.31	12%	200	50%	50%	4380	NO
	R2	Residential	Bedroom		11.21	7.52	77	2.48	33%	100	50%	50%	4380	NO
	R3	Residential	Bedroom		12.56	8.62	66	2.24	26%	100	50%	50%	4380	NO
	R4	Residential	LKD		26.17	20.07	231	12.74	63%	200	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	159	5.02	96%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	151	4.98	95%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	288	18.08	89%	200	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	140	7.57	88%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	170	7.44	99%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	116	5.71	29%	200	50%	50%	4380	NO
	R11	Residential	Bedroom		12.14	8.22	163	8.06	98%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	261	10.84	65%	200	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	216	12.19	56%	200	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	114	5.37	60%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	90	4.63	23%	200	50%	50%	4380	NO
	R16	Residential	Bedroom		11.22	7.53	135	5.92	79%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	118	5.55	64%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	245	15.21	75%	200	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	75	1.58	30%	100	50%	50%	4380	NO
	R20	Residential	Bedroom		8.34	5.20	62	1.13	22%	100	50%	50%	4380	NO
	R21	Residential	LKD		26.17	20.07	126	4.75	24%	200	50%	50%	4380	NO
	R22	Residential	Bedroom		12.56	8.62	70	2.73	32%	100	50%	50%	4380	NO
	R23	Residential	Bedroom		11.21	7.52	90	3.16	42%	100	50%	50%	4380	NO
	R24	Residential	LKD		26.13	19.81	63	2.81	14%	200	50%	50%	4380	NO
	R25	Residential	Bedroom		12.59	8.60	105	4.68	54%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	70	2.80	15%	200	50%	50%	4380	NO
	R27	Residential	LKD		24.98	19.02	73	2.89	15%	200	50%	50%	4380	NO
	R28	Residential	Bedroom		12.61	8.62	103	4.43	51%	100	50%	50%	4380	YES
F06	R1	Residential	LKD		26.13	19.81	65	2.64	13%	200	50%	50%	4380	NO
	R2	Residential	Bedroom		11.21	7.52	87	2.73	36%	100	50%	50%	4380	NO
	R3	Residential	Bedroom		12.56	8.62	73	2.49	29%	100	50%	50%	4380	NO
	R4	Residential	LKD		26.17	20.07	244	14.45	72%	200	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	165	5.02	96%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	158	5.17	99%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	326	19.34	95%	200	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	164	8.49	99%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	195	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	141	6.95	35%	200	50%	50%	4380	NO
	R11	Residential	Bedroom		12.14	8.22	185	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	302	13.37	80%	200	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	266	16.15	74%	200	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	150	6.90	77%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	104	5.70	29%	200	50%	50%	4380	NO
	R16	Residential	Bedroom		11.22	7.53	173	7.27	97%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	145	7.52	87%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	309	18.38	91%	200	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	97	2.39	46%	100	50%	50%	4380	NO
	R20	Residential	Bedroom		8.34	5.20	79	2.17	42%	100	50%	50%	4380	NO
	R21	Residential	LKD		26.17	20.07	160	7.72	38%	200	50%	50%	4380	NO
	R22	Residential	Bedroom		12.56	8.62	87	3.54	41%	100	50%	50%	4380	NO
	R23	Residential	Bedroom		11.21	7.52	107	4.11	55%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	77	3.06	15%	200	50%	50%	4380	NO
	R25	Residential	Bedroom		12.59	8.60	119	5.43	63%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	80	3.14	16%	200	50%	50%	4380	NO
	R27	Residential	LKD		24.98	19.02	83	2.89	15%	200	50%	50%	4380	NO
	R28	Residential	Bedroom		12.61	8.62	113	5.10	59%	100	50%	50%	4380	YES
F07	R1	Residential	LKD		26.13	19.81	70	2.72	14%	200	50%	50%	4380	NO
	R2	Residential	Bedroom		11.21	7.52	94	3.35	45%	100	50%	50%	4380	NO
	R3	Residential	Bedroom		12.56	8.62	79	2.89	34%	100	50%	50%	4380	NO
	R4	Residential	LKD		26.17	20.07	255	15.42	77%	200	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	170	5.17	99%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	167	5.20	99%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	347	19.59	97%	200	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	181	8.56	99%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	212	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	156	7.44	38%	200	50%	50%	4380	NO
	R11	Residential	Bedroom		12.14	8.22	198	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	333	15.32						

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Daylight - SDA Analysis - Green Option  
 Date of Analysis: 16/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Criteria				
										Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours	Meets Criteria
	R20	Residential	Bedroom	LKD	8.34	5.20	147	4.24	82%	100	50%	50%	4380	YES
	R21	Residential	Bedroom	LKD	26.17	20.07	227	12.12	60%	200	50%	50%	4380	YES
	R22	Residential	Bedroom	LKD	12.56	8.62	103	4.46	52%	100	50%	50%	4380	YES
	R23	Residential	Bedroom	LKD	11.21	7.52	122	5.63	75%	100	50%	50%	4380	YES
	R24	Residential	Bedroom	LKD	26.13	19.81	89	3.39	17%	200	50%	50%	4380	NO
	R25	Residential	Bedroom	LKD	12.59	8.60	132	6.18	72%	100	50%	50%	4380	YES
	R26	Residential	Bedroom	LKD	24.98	19.02	88	3.47	18%	200	50%	50%	4380	NO
	R27	Residential	Bedroom	LKD	24.98	19.02	91	3.23	17%	200	50%	50%	4380	NO
	R28	Residential	Bedroom	LKD	12.61	8.62	122	5.44	63%	100	50%	50%	4380	YES
F08	R1	Residential	Bedroom	LKD	26.13	19.81	75	3.22	16%	200	50%	50%	4380	NO
	R2	Residential	Bedroom	LKD	11.21	7.52	101	3.91	52%	100	50%	50%	4380	YES
	R3	Residential	Bedroom	LKD	12.56	8.62	84	3.16	37%	100	50%	50%	4380	NO
	R4	Residential	Bedroom	LKD	26.17	20.07	268	16.80	84%	200	50%	50%	4380	YES
	R5	Residential	Bedroom	LKD	8.39	5.24	177	5.17	99%	100	50%	50%	4380	YES
	R6	Residential	Bedroom	LKD	8.39	5.24	173	5.20	99%	100	50%	50%	4380	YES
	R7	Residential	Bedroom	LKD	26.38	20.28	362	20.04	99%	200	50%	50%	4380	YES
	R8	Residential	Bedroom	LKD	12.56	8.62	190	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom	LKD	11.22	7.53	224	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	Bedroom	LKD	26.13	19.81	166	8.27	42%	200	50%	50%	4380	NO
	R11	Residential	Bedroom	LKD	12.14	8.22	212	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	Bedroom	LKD	23.30	16.80	361	16.17	96%	200	50%	50%	4380	YES
	R13	Residential	Bedroom	LKD	28.21	21.83	324	20.94	96%	200	50%	50%	4380	YES
	R14	Residential	Bedroom	LKD	13.01	8.97	193	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	Bedroom	LKD	26.13	19.81	154	8.06	41%	200	50%	50%	4380	NO
	R16	Residential	Bedroom	LKD	11.22	7.53	222	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom	LKD	12.56	8.62	191	8.56	99%	100	50%	50%	4380	YES
	R18	Residential	Bedroom	LKD	26.38	20.28	546	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom	LKD	8.33	5.19	244	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom	LKD	8.34	5.20	224	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	Bedroom	LKD	26.17	20.07	321	18.62	93%	200	50%	50%	4380	YES
	R22	Residential	Bedroom	LKD	12.56	8.62	117	5.59	65%	100	50%	50%	4380	YES
	R23	Residential	Bedroom	LKD	11.21	7.52	134	6.83	91%	100	50%	50%	4380	YES
	R24	Residential	Bedroom	LKD	26.13	19.81	100	3.72	19%	200	50%	50%	4380	NO
	R25	Residential	Bedroom	LKD	12.59	8.60	141	7.27	84%	100	50%	50%	4380	YES
	R26	Residential	Bedroom	LKD	24.98	19.02	96	3.89	20%	200	50%	50%	4380	NO
	R27	Residential	Bedroom	LKD	24.98	19.02	97	3.56	19%	200	50%	50%	4380	NO
	R28	Residential	Bedroom	LKD	12.61	8.62	131	5.94	69%	100	50%	50%	4380	YES
F09	R1	Residential	Bedroom	LKD	26.13	19.81	81	3.39	17%	200	50%	50%	4380	NO
	R2	Residential	Bedroom	LKD	11.21	7.52	109	4.51	60%	100	50%	50%	4380	YES
	R3	Residential	Bedroom	LKD	12.56	8.62	91	3.49	40%	100	50%	50%	4380	NO
	R4	Residential	Bedroom	LKD	26.17	20.07	283	17.83	89%	200	50%	50%	4380	YES
	R5	Residential	Bedroom	LKD	8.39	5.24	183	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom	LKD	8.39	5.24	183	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	Bedroom	LKD	26.38	20.28	381	20.28	100%	200	50%	50%	4380	YES
	R8	Residential	Bedroom	LKD	12.56	8.62	199	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom	LKD	11.22	7.53	236	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	Bedroom	LKD	26.13	19.81	177	8.87	45%	200	50%	50%	4380	NO
	R11	Residential	Bedroom	LKD	12.14	8.22	224	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	Bedroom	LKD	23.30	16.80	379	16.39	98%	200	50%	50%	4380	YES
	R13	Residential	Bedroom	LKD	28.21	21.83	346	21.42	98%	200	50%	50%	4380	YES
	R14	Residential	Bedroom	LKD	13.01	8.97	204	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	Bedroom	LKD	26.13	19.81	173	8.70	44%	200	50%	50%	4380	NO
	R16	Residential	Bedroom	LKD	11.22	7.53	240	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom	LKD	12.56	8.62	199	8.56	99%	100	50%	50%	4380	YES
	R18	Residential	Bedroom	LKD	26.38	20.28	597	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom	LKD	8.33	5.19	277	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom	LKD	8.34	5.20	259	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	Bedroom	LKD	26.17	20.07	371	19.91	99%	200	50%	50%	4380	YES
	R22	Residential	Bedroom	LKD	12.56	8.62	122	6.40	74%	100	50%	50%	4380	YES
	R23	Residential	Bedroom	LKD	11.21	7.52	145	7.09	94%	100	50%	50%	4380	YES
	R24	Residential	Bedroom	LKD	26.13	19.81	105	4.13	21%	200	50%	50%	4380	NO
	R25	Residential	Bedroom	LKD	12.59	8.60	150	7.94	92%	100	50%	50%	4380	YES
	R26	Residential	Bedroom	LKD	24.98	19.02	102	4.06	21%	200	50%	50%	4380	NO
	R27	Residential	Bedroom	LKD	24.98	19.02	104	3.90	20%	200	50%	50%	4380	NO
	R28	Residential	Bedroom	LKD	12.61	8.62	137	7.03	82%	100	50%	50%	4380	YES
F10	R1	Residential	Bedroom	LKD	26.13	19.81	89	3.47	17%	200	50%	50%	4380	NO
	R2	Residential	Bedroom	LKD	11.21	7.52	116	5.11	68%	100	50%	50%	4380	YES
	R3	Residential	Bedroom	LKD	12.56	8.62	100	4.38	51%	100	50%	50%	4380	YES
	R4	Residential	Bedroom	LKD	26.17	20.07	294	18.68	93%	200	50%	50%	4380	YES
	R5	Residential	Bedroom	LKD	8.39	5.24	190	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom	LKD	8.39	5.24	190	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	Bedroom	LKD	26.38	20.28	398	20.28	100%	200	50%	50%	4380	YES
	R8	Residential	Bedroom	LKD	12.56	8.62	208	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom	LKD	11.22	7.53	247	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	Bedroom	LKD	26.13	19.81	186	9.30	47%	200	50%	50%	4380	NO
	R11	Residential	Bedroom	LKD	12.14	8.22	233	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	Bedroom	LKD	23.30	16.80	394	16.68	99%	200	50%	50%	4380	YES
	R13	Residential	Bedroom	LKD	28.21	21.83	357	21.45	98%	200	50%	50%	4380	YES
	R14	Residential	Bedroom	LKD	13.01	8.97	213	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	Bedroom	LKD	26.13	19.81	181	9.06	46%	200	50%	50%	4380	NO
	R16	Residential	Bedroom	LKD	11.22	7.53	251	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom	LKD	12.56	8.62	207	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	Bedroom	LKD	26.38	20.28	618	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom	LKD	8.33	5.19	292	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom	LKD	8.34	5.20	278	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	Bedroom	LKD	26.17	20.07	397	20.07	100%	200	50%	50%	4380	YES
	R22	Residential	Bedroom	LKD	12.56	8.62	127	6.96	81%	100	50%	50%	4380	YES
	R23	Residential	Bedroom	LKD	11.21	7.52	149	7.26	97%	100	50%	50%	4380	YES
	R24	Residential	Bedroom	LKD	26.13	19.81	109	4.30	22%	200	50%	50%	4380	NO
	R25	Residential	Bedroom	LKD	12.59	8.60	156	8.52	99%	100	50%	50%	4380	YES
	R26	Residential	Bedroom	LKD	24.98	19.02	107	4.39	23%	200	50%	50%	4380	NO
	R27	Residential	Bedroom	LKD	24.98	19.02	111	4.14	22%	200	50%	50%	4380	NO
	R28	Residential	Bedroom	LKD	12.61	8.62	141	7.61	88%	100	50%	50%	4380	YES
F11	R1	Residential	Bedroom	LKD	26.13	19.81	96	3.63	18%	200	50%	50%	4380	NO
	R2	Residential	Bedroom	LKD	11.21	7.52	125	6.32	84%	100	50%	50%	4380	YES
	R3	Residential	Bedroom	LKD	12.56	8.62	109	5.19	60%	100	50%	50%	4380	YES
	R4	Residential	Bedroom	LKD	26.17	20.07	309	19.11	95%	200	50%	50%	4380	YES
	R5	Residential	Bedroom	LKD	8.39	5.24	202	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom	LKD	8.39	5.24	197	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	Bedroom	LKD	26.38	20.28	416	20.28	100%	200	50%	50%	4380	YES
	R8	Residential	Bedroom	LKD	12.56	8.62	218	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom	LKD	11.22	7.53	250	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	Bedroom	LKD	26.13	19.81	189	9.55	48%	200	50%	50%	4380	NO
	R11	Residential	Bedroom	LKD	12.14	8.22	247							

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Daylight - SDA Analysis - Green Option  
 Date of Analysis: 16/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Criteria				
										Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours	Meets Criteria
	R14	Residential	Bedroom	LKD	13.01	8.97	219	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	Bedroom	LKD	26.13	19.81	186	9.30	47%	200	50%	50%	4380	NO
	R16	Residential	Bedroom	LKD	11.22	7.53	254	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom	LKD	12.56	8.62	215	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	Bedroom	LKD	26.38	20.28	633	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom	LKD	8.33	5.19	308	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom	LKD	8.34	5.20	298	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	Bedroom	LKD	26.17	20.07	422	20.07	100%	200	50%	50%	4380	YES
	R22	Residential	Bedroom	LKD	12.56	8.62	133	7.77	90%	100	50%	50%	4380	YES
	R23	Residential	Bedroom	LKD	11.21	7.52	155	7.26	97%	100	50%	50%	4380	YES
	R24	Residential	Bedroom	LKD	26.13	19.81	113	4.55	23%	200	50%	50%	4380	NO
	R25	Residential	Bedroom	LKD	12.59	8.60	163	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	Bedroom	LKD	24.98	19.02	114	4.65	24%	200	50%	50%	4380	NO
	R27	Residential	Bedroom	LKD	24.98	19.02	116	4.57	24%	200	50%	50%	4380	NO
	R28	Residential	Bedroom	LKD	12.61	8.62	147	8.11	94%	100	50%	50%	4380	YES
F12	R1	Residential	Bedroom	LKD	26.13	19.81	101	4.05	20%	200	50%	50%	4380	NO
	R2	Residential	Bedroom	LKD	11.21	7.52	134	6.66	89%	100	50%	50%	4380	YES
	R3	Residential	Bedroom	LKD	12.56	8.62	115	6.03	70%	100	50%	50%	4380	YES
	R4	Residential	Bedroom	LKD	26.17	20.07	327	19.41	97%	200	50%	50%	4380	YES
	R5	Residential	Bedroom	LKD	8.39	5.24	208	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom	LKD	8.39	5.24	198	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	Bedroom	LKD	26.38	20.28	425	20.28	100%	200	50%	50%	4380	YES
	R8	Residential	Bedroom	LKD	12.56	8.62	223	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom	LKD	11.22	7.53	256	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	Bedroom	LKD	26.13	19.81	201	10.05	51%	200	50%	50%	4380	YES
	R11	Residential	Bedroom	LKD	12.14	8.22	249	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	Bedroom	LKD	23.30	16.80	413	16.80	100%	200	50%	50%	4380	YES
	R13	Residential	Bedroom	LKD	28.21	21.83	377	21.83	100%	200	50%	50%	4380	YES
	R14	Residential	Bedroom	LKD	13.01	8.97	223	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	Bedroom	LKD	26.13	19.81	193	9.71	49%	200	50%	50%	4380	NO
	R16	Residential	Bedroom	LKD	11.22	7.53	261	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom	LKD	12.56	8.62	221	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	Bedroom	LKD	26.38	20.28	646	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom	LKD	8.33	5.19	317	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom	LKD	8.34	5.20	308	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	Bedroom	LKD	26.17	20.07	441	20.07	100%	200	50%	50%	4380	YES
	R22	Residential	Bedroom	LKD	12.56	8.62	137	7.97	92%	100	50%	50%	4380	YES
	R23	Residential	Bedroom	LKD	11.21	7.52	159	7.35	98%	100	50%	50%	4380	YES
	R24	Residential	Bedroom	LKD	26.13	19.81	116	4.63	23%	200	50%	50%	4380	NO
	R25	Residential	Bedroom	LKD	12.59	8.60	168	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	Bedroom	LKD	24.98	19.02	116	4.90	26%	200	50%	50%	4380	NO
	R27	Residential	Bedroom	LKD	24.98	19.02	121	4.82	25%	200	50%	50%	4380	NO
	R28	Residential	Bedroom	LKD	12.61	8.62	157	8.36	97%	100	50%	50%	4380	YES
F13	R1	Residential	Bedroom	LKD	26.13	19.81	104	4.30	22%	200	50%	50%	4380	NO
	R2	Residential	Bedroom	LKD	11.21	7.52	139	7.00	93%	100	50%	50%	4380	YES
	R3	Residential	Bedroom	LKD	12.56	8.62	121	7.00	81%	100	50%	50%	4380	YES
	R4	Residential	Bedroom	LKD	26.17	20.07	336	19.48	97%	200	50%	50%	4380	YES
	R5	Residential	Bedroom	LKD	8.39	5.24	210	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom	LKD	8.39	5.24	205	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	Bedroom	LKD	26.38	20.28	443	20.28	100%	200	50%	50%	4380	YES
	R8	Residential	Bedroom	LKD	12.56	8.62	228	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom	LKD	11.22	7.53	260	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	Bedroom	LKD	26.13	19.81	203	10.25	52%	200	50%	50%	4380	YES
	R11	Residential	Bedroom	LKD	12.14	8.22	255	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	Bedroom	LKD	23.30	16.80	424	16.80	100%	200	50%	50%	4380	YES
	R13	Residential	Bedroom	LKD	28.21	21.83	385	21.83	100%	200	50%	50%	4380	YES
	R14	Residential	Bedroom	LKD	13.01	8.97	228	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	Bedroom	LKD	26.13	19.81	198	9.71	49%	200	50%	50%	4380	NO
	R16	Residential	Bedroom	LKD	11.22	7.53	264	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom	LKD	12.56	8.62	230	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	Bedroom	LKD	26.38	20.28	661	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom	LKD	8.33	5.19	325	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom	LKD	8.34	5.20	315	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	Bedroom	LKD	26.17	20.07	455	20.07	100%	200	50%	50%	4380	YES
	R22	Residential	Bedroom	LKD	12.56	8.62	142	8.13	94%	100	50%	50%	4380	YES
	R23	Residential	Bedroom	LKD	11.21	7.52	165	7.35	98%	100	50%	50%	4380	YES
	R24	Residential	Bedroom	LKD	26.13	19.81	122	4.80	24%	200	50%	50%	4380	NO
	R25	Residential	Bedroom	LKD	12.59	8.60	169	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	Bedroom	LKD	24.98	19.02	120	5.07	27%	200	50%	50%	4380	NO
	R27	Residential	Bedroom	LKD	24.98	19.02	122	5.07	27%	200	50%	50%	4380	NO
	R28	Residential	Bedroom	LKD	12.61	8.62	160	8.45	98%	100	50%	50%	4380	YES
F14	R1	Residential	Bedroom	LKD	26.13	19.81	107	4.46	23%	200	50%	50%	4380	NO
	R2	Residential	Bedroom	LKD	11.21	7.52	144	7.09	94%	100	50%	50%	4380	YES
	R3	Residential	Bedroom	LKD	12.56	8.62	126	7.49	87%	100	50%	50%	4380	YES
	R4	Residential	Bedroom	LKD	26.17	20.07	343	19.57	98%	200	50%	50%	4380	YES
	R5	Residential	Bedroom	LKD	8.39	5.24	215	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom	LKD	8.39	5.24	209	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	Bedroom	LKD	26.38	20.28	449	20.28	100%	200	50%	50%	4380	YES
	R8	Residential	Bedroom	LKD	12.56	8.62	231	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom	LKD	11.22	7.53	265	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	Bedroom	LKD	26.13	19.81	204	10.42	53%	200	50%	50%	4380	YES
	R11	Residential	Bedroom	LKD	12.14	8.22	260	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	Bedroom	LKD	23.30	16.80	431	16.80	100%	200	50%	50%	4380	YES
	R13	Residential	Bedroom	LKD	28.21	21.83	389	21.83	100%	200	50%	50%	4380	YES
	R14	Residential	Bedroom	LKD	13.01	8.97	231	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	Bedroom	LKD	26.13	19.81	203	10.12	51%	200	50%	50%	4380	YES
	R16	Residential	Bedroom	LKD	11.22	7.53	265	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom	LKD	12.56	8.62	231	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	Bedroom	LKD	26.38	20.28	663	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom	LKD	8.33	5.19	324	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom	LKD	8.34	5.20	316	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	Bedroom	LKD	26.17	20.07	460	20.07	100%	200	50%	50%	4380	YES
	R22	Residential	Bedroom	LKD	12.56	8.62	143	8.21	95%	100	50%	50%	4380	YES
	R23	Residential	Bedroom	LKD	11.21	7.52	170	7.35	98%	100	50%	50%	4380	YES
	R24	Residential	Bedroom	LKD	26.13	19.81	124	4.96	25%	200	50%	50%	4380	NO
	R25	Residential	Bedroom	LKD	12.59	8.60	176	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	Bedroom	LKD	24.98	19.02	124	5.24	28%	200	50%	50%	4380	NO
	R27	Residential	Bedroom	LKD	24.98	19.02	128	5.49	29%	200	50%	50%	4380	NO
	R28	Residential	Bedroom	LKD	12.61	8.62	171	8.53	99%	100	50%	50%	4380	YES
F15	R1	Residential	Bedroom	LKD	26.13	19.81	112	4.55	23%	200	50%	50%	4380	NO
	R2	Residential	Bedroom	LKD	11.21	7.52	148	7.35	98%	100	50%	50%	4380	YES
	R3	Residential	Bedroom	LKD	12.56	8.62	130	7.73	90%	100	50%	50%	4380	YES
	R4	Residential	Bedroom	LKD	26.17	20.07	348	19.57	98%	200	50%	50%	4380	YES
	R5	Residential												

Project Name: Central Square, Cardiff Project No.: 200 Report Title: Internal Daylight - SDA Analysis - Green Option Date of Analysis: 16/07/2025														
Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Criteria				
										Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours	Meets Criteria
	R8	Residential	Bedroom		12.56	8.62	240	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	272	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	205	10.33	52%	200	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	263	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	437	16.80	100%	200	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	398	21.83	100%	200	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	241	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	210	10.21	52%	200	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	270	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	235	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	670	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	327	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	322	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	469	20.07	100%	200	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	148	8.21	95%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	169	7.35	98%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	129	5.13	26%	200	50%	50%	4380	NO
	R25	Residential	Bedroom		12.59	8.60	179	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	126	5.74	30%	200	50%	50%	4380	NO
	R27	Residential	LKD		24.98	19.02	127	5.57	29%	200	50%	50%	4380	NO
	R28	Residential	Bedroom		12.61	8.62	178	8.62	100%	100	50%	50%	4380	YES
F16	R1	Residential	LKD		26.13	19.81	115	4.79	24%	200	50%	50%	4380	NO
	R2	Residential	Bedroom		11.21	7.52	153	7.43	99%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	130	7.89	92%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	355	19.57	98%	200	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	221	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	216	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	463	20.28	100%	200	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	239	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	280	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	210	10.58	53%	200	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	267	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	438	16.80	100%	200	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	404	21.83	100%	200	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	242	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	213	10.21	52%	200	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	278	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	239	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	673	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	326	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	325	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	475	20.07	100%	200	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	150	8.29	96%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	171	7.43	99%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	130	5.38	27%	200	50%	50%	4380	NO
	R25	Residential	Bedroom		12.59	8.60	183	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	131	5.74	30%	200	50%	50%	4380	NO
	R27	Residential	LKD		24.98	19.02	133	5.66	30%	200	50%	50%	4380	NO
	R28	Residential	Bedroom		12.61	8.62	184	8.62	100%	100	50%	50%	4380	YES
F17	R1	Residential	LKD		26.13	19.81	120	4.87	25%	200	50%	50%	4380	NO
	R2	Residential	Bedroom		11.21	7.52	157	7.43	99%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	137	8.14	94%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	361	19.75	98%	200	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	222	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	220	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	466	20.28	100%	200	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	241	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	280	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	209	10.58	53%	200	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	271	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	450	16.80	100%	200	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	406	21.83	100%	200	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	246	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	217	10.21	52%	200	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	281	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	244	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	675	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	323	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	317	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	478	20.07	100%	200	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	153	8.29	96%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	179	7.43	99%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	135	5.95	30%	200	50%	50%	4380	NO
	R25	Residential	Bedroom		12.59	8.60	188	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	135	6.16	32%	200	50%	50%	4380	NO
	R27	Residential	LKD		24.98	19.02	137	5.99	32%	200	50%	50%	4380	NO
	R28	Residential	Bedroom		12.61	8.62	188	8.62	100%	100	50%	50%	4380	YES
F18	R1	Residential	LKD		26.13	19.81	122	5.21	26%	200	50%	50%	4380	NO
	R2	Residential	Bedroom		11.21	7.52	161	7.43	99%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	140	8.29	96%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	364	19.86	99%	200	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	227	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	221	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	467	20.28	100%	200	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	242	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	277	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	209	10.50	53%	200	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	272	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	456	16.80	100%	200	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	414	21.83	100%	200	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	249	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	216	10.29	52%	200	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	283	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	245	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	672	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	328	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	315	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	475	20.07	100%	200	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	154	8.37	97%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	182	7.43	99%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	134	6.04	30%	200	50%	50%	4380	NO
	R25	Residential	Bedroom		12.59	8.60	189	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	137	6.33	33%	200	50%	50%	4380	NO
	R27	Residential	LKD		24.98	19.02	140	6.41	34%	200	50%	50%	4380	NO
	R28	Residential	Bedroom		12.61	8.62	188	8.62	100%	100	50%	50%	4380	YES
F19	R1	Residential	LKD		26.13	19.81								

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Daylight - SDA Analysis - Green Option  
 Date of Analysis: 16/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Criteria				
										Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours	Meets Criteria
	R2	Residential	Bedroom		11.21	7.52	163	7.43	99%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	144	8.29	96%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	371	19.95	99%	200	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	232	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	224	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	474	20.28	100%	200	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	245	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	282	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	211	10.58	53%	200	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	271	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	456	16.80	100%	200	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	413	21.83	100%	200	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	246	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	210	10.41	53%	200	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	287	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	245	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	668	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	326	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	312	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	479	20.07	100%	200	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	156	8.33	97%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	182	7.43	99%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	136	6.12	31%	200	50%	50%	4380	NO
	R25	Residential	Bedroom		12.59	8.60	195	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	141	6.50	34%	200	50%	50%	4380	NO
	R27	Residential	LKD		24.98	19.02	142	6.67	35%	200	50%	50%	4380	NO
	R28	Residential	Bedroom		12.61	8.62	195	8.62	100%	100	50%	50%	4380	YES
F20	R1	Residential	LKD		26.13	19.81	131	5.54	28%	200	50%	50%	4380	NO
	R2	Residential	Bedroom		11.21	7.52	165	7.43	99%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	144	8.29	96%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	377	19.95	99%	200	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	229	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	224	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	476	20.28	100%	200	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	243	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	283	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	208	10.58	53%	200	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	274	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	459	16.80	100%	200	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	420	21.83	100%	200	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	248	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	212	10.32	52%	200	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	286	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	242	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	671	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	324	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	312	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	476	20.07	100%	200	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	158	8.49	99%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	184	7.43	99%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	137	6.29	32%	200	50%	50%	4380	NO
	R25	Residential	Bedroom		12.59	8.60	199	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	145	6.66	35%	200	50%	50%	4380	NO
	R27	Residential	LKD		24.98	19.02	147	6.75	35%	200	50%	50%	4380	NO
	R28	Residential	Bedroom		12.61	8.62	198	8.62	100%	100	50%	50%	4380	YES
F21	R1	Residential	LKD		26.13	19.81	131	5.87	30%	200	50%	50%	4380	NO
	R2	Residential	Bedroom		11.21	7.52	166	7.43	99%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	147	8.29	96%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	378	19.95	99%	200	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	234	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	226	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	480	20.28	100%	200	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	244	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	284	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	211	10.50	53%	200	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	277	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	463	16.80	100%	200	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	422	21.83	100%	200	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	245	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	212	10.41	53%	200	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	282	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	245	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	674	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	322	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	315	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	479	20.07	100%	200	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	162	8.49	99%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	187	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	140	6.37	32%	200	50%	50%	4380	NO
	R25	Residential	Bedroom		12.59	8.60	198	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	151	6.83	36%	200	50%	50%	4380	NO
	R27	Residential	LKD		24.98	19.02	150	6.84	36%	200	50%	50%	4380	NO
	R28	Residential	Bedroom		12.61	8.62	202	8.62	100%	100	50%	50%	4380	YES
F22	R1	Residential	LKD		26.13	19.81	135	5.87	30%	200	50%	50%	4380	NO
	R2	Residential	Bedroom		11.21	7.52	172	7.43	99%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	150	8.29	96%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	381	19.95	99%	200	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	233	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	228	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	484	20.28	100%	200	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	243	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	284	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	211	10.65	54%	200	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	278	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	461	16.80	100%	200	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	422	21.83	100%	200	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	250	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	213	10.29	52%	200	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	287	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	247	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	672	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	322	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	311	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	479	20.07	100%	200	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	159	8.49	99%	100	50%	50%	4380	YES
	R23	Residential	Bedroom											

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Daylight - SDA Analysis - Green Option  
 Date of Analysis: 16/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Criteria				Meets Criteria
										Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours	
	R24	Residential	LKD		26.13	19.81	142	6.37	32%	200	50%	50%	4380	NO
	R25	Residential	Bedroom		12.59	8.60	201	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	151	7.00	37%	200	50%	50%	4380	NO
	R27	Residential	LKD		24.98	19.02	149	6.92	36%	200	50%	50%	4380	NO
	R28	Residential	Bedroom		12.61	8.62	202	8.62	100%	100	50%	50%	4380	YES
F23	R1	Residential	LKD		26.13	19.81	137	5.95	30%	200	50%	50%	4380	NO
	R2	Residential	Bedroom		11.21	7.52	172	7.43	99%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	150	8.33	97%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	382	19.95	99%	200	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	237	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	228	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	485	20.28	100%	200	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	243	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	284	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	209	10.58	53%	200	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	276	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	460	16.80	100%	200	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	420	21.83	100%	200	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	251	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	218	10.29	52%	200	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	289	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	244	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	669	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	320	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	311	5.20	100%	100	50%	50%	4380	YES
R21	Residential	LKD		26.17	20.07	477	20.07	100%	200	50%	50%	4380	YES	
R22	Residential	Bedroom		12.56	8.62	159	8.49	99%	100	50%	50%	4380	YES	
R23	Residential	Bedroom		11.21	7.52	186	7.52	100%	100	50%	50%	4380	YES	
R24	Residential	LKD		26.13	19.81	143	6.45	33%	200	50%	50%	4380	NO	
R25	Residential	Bedroom		12.59	8.60	199	8.60	100%	100	50%	50%	4380	YES	
R26	Residential	LKD		24.98	19.02	149	7.00	37%	200	50%	50%	4380	NO	
R27	Residential	LKD		24.98	19.02	153	7.17	38%	200	50%	50%	4380	NO	
R28	Residential	Bedroom		12.61	8.62	204	8.62	100%	100	50%	50%	4380	YES	
F24	R1	Residential	LKD		26.13	19.81	137	5.95	30%	200	50%	50%	4380	NO
	R2	Residential	Bedroom		11.21	7.52	172	7.43	99%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	152	8.33	97%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	384	19.95	99%	200	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	236	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	230	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	483	20.28	100%	200	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	243	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	279	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	211	10.50	53%	200	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	276	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	461	16.80	100%	200	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	419	21.83	100%	200	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	249	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	215	10.41	53%	200	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	288	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	246	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	666	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	319	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	309	5.20	100%	100	50%	50%	4380	YES
R21	Residential	LKD		26.17	20.07	482	20.07	100%	200	50%	50%	4380	YES	
R22	Residential	Bedroom		12.56	8.62	161	8.49	99%	100	50%	50%	4380	YES	
R23	Residential	Bedroom		11.21	7.52	193	7.52	100%	100	50%	50%	4380	YES	
R24	Residential	LKD		26.13	19.81	143	6.70	34%	200	50%	50%	4380	NO	
R25	Residential	Bedroom		12.59	8.60	204	8.60	100%	100	50%	50%	4380	YES	
R26	Residential	LKD		24.98	19.02	153	7.09	37%	200	50%	50%	4380	NO	
R27	Residential	LKD		24.98	19.02	154	7.09	37%	200	50%	50%	4380	NO	
R28	Residential	Bedroom		12.61	8.62	209	8.62	100%	100	50%	50%	4380	YES	
F25	R1	Residential	LKD		26.13	19.81	136	5.87	30%	200	50%	50%	4380	NO
	R2	Residential	Bedroom		11.21	7.52	174	7.43	99%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	151	8.29	96%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	388	19.95	99%	200	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	237	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	230	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	484	20.28	100%	200	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	250	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	283	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	211	10.57	53%	200	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	275	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	461	16.80	100%	200	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	418	21.83	100%	200	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	250	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	213	10.24	52%	200	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	288	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	246	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	667	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	319	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	311	5.20	100%	100	50%	50%	4380	YES
R21	Residential	LKD		26.17	20.07	472	20.07	100%	200	50%	50%	4380	YES	
R22	Residential	Bedroom		12.56	8.62	163	8.49	99%	100	50%	50%	4380	YES	
R23	Residential	Bedroom		11.21	7.52	187	7.52	100%	100	50%	50%	4380	YES	
R24	Residential	LKD		26.13	19.81	143	6.62	33%	200	50%	50%	4380	NO	
R25	Residential	Bedroom		12.59	8.60	203	8.60	100%	100	50%	50%	4380	YES	
R26	Residential	LKD		24.98	19.02	154	7.34	39%	200	50%	50%	4380	NO	
R27	Residential	LKD		24.98	19.02	155	7.17	38%	200	50%	50%	4380	NO	
R28	Residential	Bedroom		12.61	8.62	208	8.62	100%	100	50%	50%	4380	YES	
F26	R1	Residential	LKD		26.13	19.81	139	6.03	30%	200	50%	50%	4380	NO
	R2	Residential	Bedroom		11.21	7.52	173	7.43	99%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	154	8.41	98%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	390	19.95	99%	200	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	238	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	230	5.24	100%	100	50%			

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Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Criteria				Meets Criteria
										Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours	
	R18	Residential	LKD		26.38	20.28	667	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	316	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	304	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	477	20.07	100%	200	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	163	8.49	99%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	192	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	142	6.78	34%	200	50%	50%	4380	NO
	R25	Residential	Bedroom		12.59	8.60	206	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	155	7.25	38%	200	50%	50%	4380	NO
	R27	Residential	LKD		24.98	19.02	157	7.26	38%	200	50%	50%	4380	NO
	R28	Residential	Bedroom		12.61	8.62	207	8.62	100%	100	50%	50%	4380	YES
F27	R1	Residential	LKD		26.13	19.81	137	6.04	30%	200	50%	50%	4380	NO
	R2	Residential	Bedroom		11.21	7.52	177	7.43	99%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	151	8.33	97%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	392	19.95	99%	200	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	239	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	231	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	487	20.28	100%	200	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	243	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	281	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	210	10.42	53%	200	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	274	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	456	16.80	100%	200	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	420	21.83	100%	200	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	252	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	211	10.29	52%	200	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	285	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	245	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	662	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	316	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	302	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	478	20.07	100%	200	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	163	8.49	99%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	191	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	143	6.70	34%	200	50%	50%	4380	NO
	R25	Residential	Bedroom		12.59	8.60	209	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	157	7.25	38%	200	50%	50%	4380	NO
	R27	Residential	LKD		24.98	19.02	154	7.17	38%	200	50%	50%	4380	NO
	R28	Residential	Bedroom		12.61	8.62	211	8.62	100%	100	50%	50%	4380	YES
F28	R1	Residential	LKD		26.13	19.81	139	6.03	30%	200	50%	50%	4380	NO
	R2	Residential	Bedroom		11.21	7.52	175	7.43	99%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	151	8.29	96%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	390	19.95	99%	200	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	240	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	231	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	492	20.28	100%	200	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	242	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	285	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	209	10.33	52%	200	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	273	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	458	16.80	100%	200	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	419	21.83	100%	200	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	249	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	210	10.21	52%	200	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	288	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	241	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	664	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	317	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	302	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	474	20.07	100%	200	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	165	8.49	99%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	189	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	144	6.78	34%	200	50%	50%	4380	NO
	R25	Residential	Bedroom		12.59	8.60	213	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	155	7.34	39%	200	50%	50%	4380	NO
	R27	Residential	LKD		24.98	19.02	155	7.26	38%	200	50%	50%	4380	NO
	R28	Residential	Bedroom		12.61	8.62	212	8.62	100%	100	50%	50%	4380	YES
F29	R1	Residential	LKD		26.13	19.81	139	6.28	32%	200	50%	50%	4380	NO
	R2	Residential	Bedroom		11.21	7.52	175	7.43	99%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	154	8.41	98%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	395	19.95	99%	200	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	239	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	231	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	486	20.28	100%	200	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	243	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	284	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	210	10.58	53%	200	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	271	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	461	16.80	100%	200	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	418	21.83	100%	200	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	248	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	212	10.29	52%	200	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	289	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	242	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	664	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	314	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	304	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	479	20.07	100%	200	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	164	8.49	99%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	193	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	143	6.87	35%	200	50%	50%	4380	NO
	R25	Residential	Bedroom		12.59	8.60	209	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	155	7.25	38%	200	50%	50%	4380	NO
	R27	Residential	LKD		24.98	19.02	156	7.34	39%	200	50%	50%	4380	NO
	R28	Residential	Bedroom		12.61	8.62	211	8.62	100%	100	50%	50%	4380	YES
F30	R1	Residential	LKD		26.13	19.81	139	6.12	31%	200	50%	50%	4380	NO
	R2	Residential	Bedroom		11.21	7.52	178	7.43	99%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	153	8.41	98%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	392	19.95	99%	200	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	241	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	233	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	489	20.28	100%	200	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	238	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	287	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	208	10.57	53%	200	50%	50%	4380	YES
	R11	Residential	Bedroom											

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Daylight - SDA Analysis - Green Option  
 Date of Analysis: 16/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Criteria				Meets Criteria
										Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours	
	R12	Residential	LKD		23.30	16.80	462	16.80	100%	200	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	418	21.83	100%	200	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	250	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	208	10.21	52%	200	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	285	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	243	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	664	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	312	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	300	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	477	20.07	100%	200	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	164	8.49	99%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	188	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	144	7.03	35%	200	50%	50%	4380	NO
	R25	Residential	Bedroom		12.59	8.60	207	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	154	7.25	38%	200	50%	50%	4380	NO
	R27	Residential	LKD		24.98	19.02	155	7.17	38%	200	50%	50%	4380	NO
	R28	Residential	Bedroom		12.61	8.62	213	8.62	100%	100	50%	50%	4380	YES
F31	R1	Residential	LKD		26.13	19.81	138	6.28	32%	200	50%	50%	4380	NO
	R2	Residential	Bedroom		11.21	7.52	179	7.43	99%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	155	8.33	97%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	397	19.95	99%	200	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	243	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	236	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	490	20.28	100%	200	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	242	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	279	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	207	10.42	53%	200	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	271	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	463	16.80	100%	200	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	418	21.83	100%	200	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	250	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	210	10.37	52%	200	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	283	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	242	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	659	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	309	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	300	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	474	20.07	100%	200	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	162	8.49	99%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	190	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	143	6.95	35%	200	50%	50%	4380	NO
	R25	Residential	Bedroom		12.59	8.60	208	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	154	7.42	39%	200	50%	50%	4380	NO
	R27	Residential	LKD		24.98	19.02	155	7.26	38%	200	50%	50%	4380	NO
	R28	Residential	Bedroom		12.61	8.62	215	8.62	100%	100	50%	50%	4380	YES
F32	R1	Residential	LKD		26.13	19.81	140	6.28	32%	200	50%	50%	4380	NO
	R2	Residential	Bedroom		11.21	7.52	178	7.43	99%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	155	8.41	98%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	391	19.95	99%	200	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	244	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	233	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	494	20.28	100%	200	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	239	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	279	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	208	10.33	52%	200	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	269	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	466	16.80	100%	200	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	417	21.83	100%	200	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	252	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	205	10.21	52%	200	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	283	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	240	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	663	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	312	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	300	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	472	20.07	100%	200	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	163	8.49	99%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	191	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	142	6.95	35%	200	50%	50%	4380	NO
	R25	Residential	Bedroom		12.59	8.60	207	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	153	7.25	38%	200	50%	50%	4380	NO
	R27	Residential	LKD		24.98	19.02	157	7.34	39%	200	50%	50%	4380	NO
	R28	Residential	Bedroom		12.61	8.62	214	8.62	100%	100	50%	50%	4380	YES
F33	R1	Residential	LKD		26.13	19.81	139	6.36	32%	200	50%	50%	4380	NO
	R2	Residential	Bedroom		11.21	7.52	180	7.43	99%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	157	8.41	98%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	394	19.95	99%	200	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	242	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	233	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	488	20.28	100%	200	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	239	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	280	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	207	10.42	53%	200	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	268	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	459	16.80	100%	200	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	416	21.83	100%	200	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	248	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	205	10.29	52%	200	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	284	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	241	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	661	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	312	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	300	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	469	20.07	100%	200	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	163	8.49	99%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	192	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	142	6.95	35%	200	50%	50%	4380	NO
	R25	Residential	Bedroom		12.59	8.60	207	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	155	7.25	38%	200	50%	50%	4380	NO
	R27	Residential	LKD		24.98	19.02	156	7.26	38%	200	50%	50%	4380	NO
	R28	Residential	Bedroom		12.61	8.62	215	8.62	100%	100	50%	50%	4380	YES
F34	R1	Residential	LKD		26.13	19.81	138	6.36	32%	200	50%	50%	4380	NO
	R2	Residential	Bedroom		11.21	7.52	179	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	154	8.41	98%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	397	19.95	99%	200	50%	50%	4380	YES
	R5	Residential	Bed											

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Daylight - SDA Analysis - Green Option  
 Date of Analysis: 16/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Criteria				
										Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours	Meets Criteria
	R6	Residential	Bedroom	LKD	8.39	5.24	233	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	Bedroom	LKD	26.38	20.28	491	20.28	100%	200	50%	50%	4380	YES
	R8	Residential	Bedroom	LKD	12.56	8.62	238	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom	LKD	11.22	7.53	277	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	Bedroom	LKD	26.13	19.81	207	10.50	53%	200	50%	50%	4380	YES
	R11	Residential	Bedroom	LKD	12.14	8.22	267	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	Bedroom	LKD	23.30	16.80	460	16.80	100%	200	50%	50%	4380	YES
	R13	Residential	Bedroom	LKD	28.21	21.83	418	21.83	100%	200	50%	50%	4380	YES
	R14	Residential	Bedroom	LKD	13.01	8.97	248	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	Bedroom	LKD	26.13	19.81	205	10.29	52%	200	50%	50%	4380	YES
	R16	Residential	Bedroom	LKD	11.22	7.53	281	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom	LKD	12.56	8.62	240	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	Bedroom	LKD	26.38	20.28	659	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom	LKD	8.33	5.19	307	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom	LKD	8.34	5.20	297	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	Bedroom	LKD	26.17	20.07	471	20.07	100%	200	50%	50%	4380	YES
	R22	Residential	Bedroom	LKD	12.56	8.62	164	8.49	99%	100	50%	50%	4380	YES
	R23	Residential	Bedroom	LKD	11.21	7.52	190	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	Bedroom	LKD	26.13	19.81	143	7.11	36%	200	50%	50%	4380	NO
	R25	Residential	Bedroom	LKD	12.59	8.60	209	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	Bedroom	LKD	24.98	19.02	154	7.17	38%	200	50%	50%	4380	NO
	R27	Residential	Bedroom	LKD	24.98	19.02	154	7.34	39%	200	50%	50%	4380	NO
	R28	Residential	Bedroom	LKD	12.61	8.62	215	8.62	100%	100	50%	50%	4380	YES
F35	R1	Residential	Bedroom	LKD	26.13	19.81	138	6.45	33%	200	50%	50%	4380	NO
	R2	Residential	Bedroom	LKD	11.21	7.52	180	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom	LKD	12.56	8.62	156	8.41	98%	100	50%	50%	4380	YES
	R4	Residential	Bedroom	LKD	26.17	20.07	395	19.95	99%	200	50%	50%	4380	YES
	R5	Residential	Bedroom	LKD	8.39	5.24	240	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom	LKD	8.39	5.24	232	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	Bedroom	LKD	26.38	20.28	488	20.28	100%	200	50%	50%	4380	YES
	R8	Residential	Bedroom	LKD	12.56	8.62	238	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom	LKD	11.22	7.53	279	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	Bedroom	LKD	26.13	19.81	205	10.57	53%	200	50%	50%	4380	YES
	R11	Residential	Bedroom	LKD	12.14	8.22	271	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	Bedroom	LKD	23.30	16.80	457	16.80	100%	200	50%	50%	4380	YES
	R13	Residential	Bedroom	LKD	28.21	21.83	417	21.83	100%	200	50%	50%	4380	YES
	R14	Residential	Bedroom	LKD	13.01	8.97	245	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	Bedroom	LKD	26.13	19.81	207	10.12	51%	200	50%	50%	4380	YES
	R16	Residential	Bedroom	LKD	11.22	7.53	286	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom	LKD	12.56	8.62	238	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	Bedroom	LKD	26.38	20.28	657	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom	LKD	8.33	5.19	305	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom	LKD	8.34	5.20	295	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	Bedroom	LKD	26.17	20.07	473	20.07	100%	200	50%	50%	4380	YES
	R22	Residential	Bedroom	LKD	12.56	8.62	164	8.49	99%	100	50%	50%	4380	YES
	R23	Residential	Bedroom	LKD	11.21	7.52	189	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	Bedroom	LKD	26.13	19.81	141	7.03	35%	200	50%	50%	4380	NO
	R25	Residential	Bedroom	LKD	12.59	8.60	209	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	Bedroom	LKD	24.98	19.02	153	7.34	39%	200	50%	50%	4380	NO
	R27	Residential	Bedroom	LKD	24.98	19.02	154	7.34	39%	200	50%	50%	4380	NO
	R28	Residential	Bedroom	LKD	12.61	8.62	214	8.62	100%	100	50%	50%	4380	YES
F36	R1	Residential	Bedroom	LKD	26.13	19.81	138	6.45	33%	200	50%	50%	4380	NO
	R2	Residential	Bedroom	LKD	11.21	7.52	181	7.52	100%	100	50%	50%	4380	YES
	R3	Residential	Bedroom	LKD	12.56	8.62	153	8.41	98%	100	50%	50%	4380	YES
	R4	Residential	Bedroom	LKD	26.17	20.07	395	19.95	99%	200	50%	50%	4380	YES
	R5	Residential	Bedroom	LKD	8.39	5.24	243	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom	LKD	8.39	5.24	233	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	Bedroom	LKD	26.38	20.28	490	20.28	100%	200	50%	50%	4380	YES
	R8	Residential	Bedroom	LKD	12.56	8.62	238	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom	LKD	11.22	7.53	276	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	Bedroom	LKD	26.13	19.81	206	10.40	52%	200	50%	50%	4380	YES
	R11	Residential	Bedroom	LKD	12.14	8.22	272	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	Bedroom	LKD	23.30	16.80	455	16.80	100%	200	50%	50%	4380	YES
	R13	Residential	Bedroom	LKD	28.21	21.83	417	21.83	100%	200	50%	50%	4380	YES
	R14	Residential	Bedroom	LKD	13.01	8.97	245	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	Bedroom	LKD	26.13	19.81	207	10.21	52%	200	50%	50%	4380	YES
	R16	Residential	Bedroom	LKD	11.22	7.53	284	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom	LKD	12.56	8.62	242	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	Bedroom	LKD	26.38	20.28	658	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom	LKD	8.33	5.19	310	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom	LKD	8.34	5.20	300	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	Bedroom	LKD	26.17	20.07	467	20.07	100%	200	50%	50%	4380	YES
	R22	Residential	Bedroom	LKD	12.56	8.62	162	8.49	99%	100	50%	50%	4380	YES
	R23	Residential	Bedroom	LKD	11.21	7.52	190	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	Bedroom	LKD	26.13	19.81	142	6.95	35%	200	50%	50%	4380	NO
	R25	Residential	Bedroom	LKD	12.59	8.60	205	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	Bedroom	LKD	24.98	19.02	154	7.34	39%	200	50%	50%	4380	NO
	R27	Residential	Bedroom	LKD	24.98	19.02	155	7.17	38%	200	50%	50%	4380	NO
	R28	Residential	Bedroom	LKD	12.61	8.62	211	8.62	100%	100	50%	50%	4380	YES
F37	R1	Residential	Bedroom	LKD	26.13	19.81	138	6.45	33%	200	50%	50%	4380	NO
	R2	Residential	Bedroom	LKD	11.21	7.52	177	7.43	99%	100	50%	50%	4380	YES
	R3	Residential	Bedroom	LKD	12.56	8.62	154	8.41	98%	100	50%	50%	4380	YES
	R4	Residential	Bedroom	LKD	26.17	20.07	396	19.95	99%	200	50%	50%	4380	YES
	R5	Residential	Bedroom	LKD	8.39	5.24	241	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom	LKD	8.39	5.24	234	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	Bedroom	LKD	26.38	20.28	492	20.28	100%	200	50%	50%	4380	YES
	R8	Residential	Bedroom	LKD	12.56	8.62	238	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom	LKD	11.22	7.53	279	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	Bedroom	LKD	26.13	19.81	205	10.50	53%	200	50%	50%	4380	YES
	R11	Residential	Bedroom	LKD	12.14	8.22	269	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	Bedroom	LKD	23.30	16.80	458	16.80	100%	200	50%	50%	4380	YES
	R13	Residential	Bedroom	LKD	28.21	21.83	416	21.83	100%	200	50%	50%	4380	YES
	R14	Residential	Bedroom	LKD	13.01	8.97	248	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	Bedroom	LKD	26.13	19.81	209	10.21	52%	200	50%	50%	4380	YES
	R16	Residential	Bedroom	LKD	11.22	7.53	281	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom	LKD	12.56	8.62	240	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	Bedroom	LKD	26.38	20.28	662	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom	LKD	8.33	5.19	305	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom	LKD	8.34	5.20	297	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	Bedroom	LKD	26.17	20.07	472	20.07	100%	200	50%	50%	4380	YES
	R22	Residential	Bedroom	LKD	12.56	8.62	161	8.49	99%	100	50%	50%	4380	YES
	R23	Residential	Bedroom	LKD	11.21	7.52	187	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	Bedroom	LKD	26.13	19.81	143	6.78	34%	200	50%	50%	4380	NO

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Daylight - SDA Analysis - Green Option  
 Date of Analysis: 16/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Criteria				Meets Criteria
										Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours	
F38	R28	Residential	Bedroom		12.61	8.62	213	8.62	100%	100	50%	50%	4380	YES
	R1	Residential	LKD		26.13	19.81	138	6.53	33%	200	50%	50%	4380	NO
	R2	Residential	Bedroom		11.21	7.52	181	7.43	99%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	154	8.41	98%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	395	19.95	99%	200	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	242	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	234	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	492	20.28	100%	200	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	241	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	278	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	207	10.33	52%	200	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	271	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	459	16.80	100%	200	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	413	21.83	100%	200	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	245	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	204	10.12	51%	200	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	282	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	242	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	658	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	300	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	299	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	465	20.07	100%	200	50%	50%	4380	YES
R22	Residential	Bedroom		12.56	8.62	162	8.41	98%	100	50%	50%	4380	YES	
R23	Residential	Bedroom		11.21	7.52	190	7.52	100%	100	50%	50%	4380	YES	
R24	Residential	LKD		26.13	19.81	142	6.95	35%	200	50%	50%	4380	NO	
R25	Residential	Bedroom		12.59	8.60	207	8.60	100%	100	50%	50%	4380	YES	
R26	Residential	LKD		24.98	19.02	154	7.25	38%	200	50%	50%	4380	NO	
R27	Residential	LKD		24.98	19.02	154	7.26	38%	200	50%	50%	4380	NO	
R28	Residential	Bedroom		12.61	8.62	213	8.62	100%	100	50%	50%	4380	YES	
F39	R1	Residential	LKD		26.13	19.81	138	6.45	33%	200	50%	50%	4380	NO
	R2	Residential	Bedroom		11.21	7.52	179	7.43	99%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	154	8.33	97%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	395	19.95	99%	200	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	243	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	238	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	489	20.28	100%	200	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	238	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	274	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	206	10.42	53%	200	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	267	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	458	16.80	100%	200	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	410	21.83	100%	200	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	246	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	205	10.12	51%	200	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	286	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	241	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	660	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	303	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	299	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	466	20.07	100%	200	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	163	8.49	99%	100	50%	50%	4380	YES
R23	Residential	Bedroom		11.21	7.52	185	7.52	100%	100	50%	50%	4380	YES	
R24	Residential	LKD		26.13	19.81	142	6.78	34%	200	50%	50%	4380	NO	
R25	Residential	Bedroom		12.59	8.60	206	8.60	100%	100	50%	50%	4380	YES	
R26	Residential	LKD		24.98	19.02	153	7.34	39%	200	50%	50%	4380	NO	
R27	Residential	LKD		24.98	19.02	153	7.34	39%	200	50%	50%	4380	NO	
R28	Residential	Bedroom		12.61	8.62	213	8.62	100%	100	50%	50%	4380	YES	
F40	R1	Residential	LKD		26.13	19.81	138	6.28	32%	200	50%	50%	4380	NO
	R2	Residential	Bedroom		11.21	7.52	180	7.43	99%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	155	8.33	97%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	394	19.95	99%	200	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	242	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	233	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	488	20.28	100%	200	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	236	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	274	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	206	10.33	52%	200	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	268	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	454	16.80	100%	200	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	412	21.83	100%	200	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	245	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	208	10.12	51%	200	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	287	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	241	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	660	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	305	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	300	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	467	20.07	100%	200	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	161	8.49	99%	100	50%	50%	4380	YES
R23	Residential	Bedroom		11.21	7.52	187	7.52	100%	100	50%	50%	4380	YES	
R24	Residential	LKD		26.13	19.81	140	6.78	34%	200	50%	50%	4380	NO	
R25	Residential	Bedroom		12.59	8.60	208	8.60	100%	100	50%	50%	4380	YES	
R26	Residential	LKD		24.98	19.02	154	7.25	38%	200	50%	50%	4380	NO	
R27	Residential	LKD		24.98	19.02	153	7.26	38%	200	50%	50%	4380	NO	
R28	Residential	Bedroom		12.61	8.62	215	8.62	100%	100	50%	50%	4380	YES	
F41	R1	Residential	LKD		26.13	19.81	137	6.36	32%	200	50%	50%	4380	NO
	R2	Residential	Bedroom		11.21	7.52	180	7.43	99%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	157	8.29	96%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	394	19.95	99%	200	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	241	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	234	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	489	20.28	100%	200	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	236	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	275	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	204	10.50	53%	200	50%	50%	4380	YES

Project Name: Central Square, Cardiff  
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Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Criteria				Meets Criteria
										Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours	
	R22	Residential	Bedroom	12.56	8.62	162	8.49	99%	100	50%	50%	4380	YES	
	R23	Residential	Bedroom	11.21	7.52	187	7.52	100%	100	50%	50%	4380	YES	
	R24	Residential	LKD	26.13	19.81	142	7.03	35%	200	50%	50%	4380	NO	
	R25	Residential	Bedroom	12.59	8.60	208	8.60	100%	100	50%	50%	4380	YES	
	R26	Residential	LKD	24.98	19.02	155	7.25	38%	200	50%	50%	4380	NO	
	R27	Residential	LKD	24.98	19.02	153	7.26	38%	200	50%	50%	4380	NO	
	R28	Residential	Bedroom	12.61	8.62	215	8.62	100%	100	50%	50%	4380	YES	
	F42	R1	Residential	LKD	26.13	19.81	137	6.36	32%	200	50%	50%	4380	NO
R2		Residential	Bedroom	11.21	7.52	176	7.52	100%	100	50%	50%	4380	YES	
R3		Residential	Bedroom	12.56	8.62	157	8.41	98%	100	50%	50%	4380	YES	
R4		Residential	LKD	26.17	20.07	397	19.86	99%	200	50%	50%	4380	YES	
R5		Residential	Bedroom	8.39	5.24	242	5.24	100%	100	50%	50%	4380	YES	
R6		Residential	Bedroom	8.39	5.24	236	5.24	100%	100	50%	50%	4380	YES	
R7		Residential	LKD	26.38	20.28	489	20.28	100%	200	50%	50%	4380	YES	
R8		Residential	Bedroom	12.56	8.62	236	8.62	100%	100	50%	50%	4380	YES	
R9		Residential	Bedroom	11.22	7.53	276	7.53	100%	100	50%	50%	4380	YES	
R10		Residential	LKD	26.13	19.81	205	10.25	52%	200	50%	50%	4380	YES	
R11		Residential	Bedroom	12.14	8.22	272	8.22	100%	100	50%	50%	4380	YES	
R12		Residential	LKD	23.30	16.80	451	16.80	100%	200	50%	50%	4380	YES	
R13		Residential	LKD	28.21	21.83	410	21.83	100%	200	50%	50%	4380	YES	
R14		Residential	Bedroom	13.01	8.97	245	8.97	100%	100	50%	50%	4380	YES	
R15		Residential	LKD	26.13	19.81	206	10.21	52%	200	50%	50%	4380	YES	
R16		Residential	Bedroom	11.22	7.53	283	7.53	100%	100	50%	50%	4380	YES	
R17		Residential	Bedroom	12.56	8.62	240	8.62	100%	100	50%	50%	4380	YES	
R18		Residential	LKD	26.38	20.28	659	20.28	100%	200	50%	50%	4380	YES	
R19		Residential	Bedroom	8.33	5.19	306	5.19	100%	100	50%	50%	4380	YES	
R20		Residential	Bedroom	8.34	5.20	299	5.20	100%	100	50%	50%	4380	YES	
R21	Residential	LKD	26.17	20.07	470	20.07	100%	200	50%	50%	4380	YES		
R22	Residential	Bedroom	12.56	8.62	161	8.49	99%	100	50%	50%	4380	YES		
R23	Residential	Bedroom	11.21	7.52	186	7.52	100%	100	50%	50%	4380	YES		
R24	Residential	LKD	26.13	19.81	142	6.70	34%	200	50%	50%	4380	NO		
R25	Residential	Bedroom	12.59	8.60	209	8.60	100%	100	50%	50%	4380	YES		
R26	Residential	LKD	24.98	19.02	153	7.34	39%	200	50%	50%	4380	NO		
R27	Residential	LKD	24.98	19.02	152	7.26	38%	200	50%	50%	4380	NO		
R28	Residential	Bedroom	12.61	8.62	215	8.62	100%	100	50%	50%	4380	YES		
F43	R1	Residential	LKD	26.13	19.81	138	6.36	32%	200	50%	50%	4380	NO	
	R2	Residential	Bedroom	11.21	7.52	180	7.52	100%	100	50%	50%	4380	YES	
	R3	Residential	Bedroom	12.56	8.62	154	8.29	96%	100	50%	50%	4380	YES	
	R4	Residential	LKD	26.17	20.07	396	19.95	99%	200	50%	50%	4380	YES	
	R5	Residential	Bedroom	8.39	5.24	242	5.24	100%	100	50%	50%	4380	YES	
	R6	Residential	Bedroom	8.39	5.24	235	5.24	100%	100	50%	50%	4380	YES	
	R7	Residential	LKD	26.38	20.28	489	20.28	100%	200	50%	50%	4380	YES	
	R8	Residential	Bedroom	12.56	8.62	232	8.62	100%	100	50%	50%	4380	YES	
	R9	Residential	Bedroom	11.22	7.53	275	7.53	100%	100	50%	50%	4380	YES	
	R10	Residential	LKD	26.13	19.81	205	10.25	52%	200	50%	50%	4380	YES	
	R11	Residential	Bedroom	12.14	8.22	266	8.22	100%	100	50%	50%	4380	YES	
	R12	Residential	LKD	23.30	16.80	453	16.80	100%	200	50%	50%	4380	YES	
	R13	Residential	LKD	28.21	21.83	411	21.83	100%	200	50%	50%	4380	YES	
	R14	Residential	Bedroom	13.01	8.97	245	8.97	100%	100	50%	50%	4380	YES	
	R15	Residential	LKD	26.13	19.81	204	10.21	52%	200	50%	50%	4380	YES	
	R16	Residential	Bedroom	11.22	7.53	285	7.53	100%	100	50%	50%	4380	YES	
	R17	Residential	Bedroom	12.56	8.62	240	8.62	100%	100	50%	50%	4380	YES	
	R18	Residential	LKD	26.38	20.28	662	20.28	100%	200	50%	50%	4380	YES	
	R19	Residential	Bedroom	8.33	5.19	310	5.19	100%	100	50%	50%	4380	YES	
	R20	Residential	Bedroom	8.34	5.20	297	5.20	100%	100	50%	50%	4380	YES	
R21	Residential	LKD	26.17	20.07	465	20.07	100%	200	50%	50%	4380	YES		
R22	Residential	Bedroom	12.56	8.62	164	8.49	99%	100	50%	50%	4380	YES		
R23	Residential	Bedroom	11.21	7.52	188	7.52	100%	100	50%	50%	4380	YES		
R24	Residential	LKD	26.13	19.81	141	6.70	34%	200	50%	50%	4380	NO		
R25	Residential	Bedroom	12.59	8.60	205	8.60	100%	100	50%	50%	4380	YES		
R26	Residential	LKD	24.98	19.02	154	7.34	39%	200	50%	50%	4380	NO		
R27	Residential	LKD	24.98	19.02	151	7.09	37%	200	50%	50%	4380	NO		
R28	Residential	Bedroom	12.61	8.62	214	8.62	100%	100	50%	50%	4380	YES		
F44	R1	Residential	LKD	26.13	19.81	135	6.28	32%	200	50%	50%	4380	NO	
	R2	Residential	Bedroom	11.21	7.52	179	7.43	99%	100	50%	50%	4380	YES	
	R3	Residential	Bedroom	12.56	8.62	155	8.33	97%	100	50%	50%	4380	YES	
	R4	Residential	LKD	26.17	20.07	396	19.95	99%	200	50%	50%	4380	YES	
	R5	Residential	Bedroom	8.39	5.24	241	5.24	100%	100	50%	50%	4380	YES	
	R6	Residential	Bedroom	8.39	5.24	237	5.24	100%	100	50%	50%	4380	YES	
	R7	Residential	LKD	26.38	20.28	492	20.28	100%	200	50%	50%	4380	YES	
	R8	Residential	Bedroom	12.56	8.62	235	8.62	100%	100	50%	50%	4380	YES	
	R9	Residential	Bedroom	11.22	7.53	274	7.53	100%	100	50%	50%	4380	YES	
	R10	Residential	LKD	26.13	19.81	204	10.25	52%	200	50%	50%	4380	YES	
	R11	Residential	Bedroom	12.14	8.22	265	8.22	100%	100	50%	50%	4380	YES	
	R12	Residential	LKD	23.30	16.80	447	16.80	100%	200	50%	50%	4380	YES	
	R13	Residential	LKD	28.21	21.83	408	21.83	100%	200	50%	50%	4380	YES	
	R14	Residential	Bedroom	13.01	8.97	248	8.97	100%	100	50%	50%	4380	YES	
	R15	Residential	LKD	26.13	19.81	204	10.21	52%	200	50%	50%	4380	YES	
	R16	Residential	Bedroom	11.22	7.53	280	7.53	100%	100	50%	50%	4380	YES	
	R17	Residential	Bedroom	12.56	8.62	239	8.62	100%	100	50%	50%	4380	YES	
	R18	Residential	LKD	26.38	20.28	662	20.28	100%	200	50%	50%	4380	YES	
	R19	Residential	Bedroom	8.33	5.19	310	5.19	100%	100	50%	50%	4380	YES	
	R20	Residential	Bedroom	8.34	5.20	296	5.20	100%	100	50%	50%	4380	YES	
R21	Residential	LKD	26.17	20.07	467	20.07	100%	200	50%	50%	4380	YES		
R22	Residential	Bedroom	12.56	8.62	161	8.49	99%	100	50%	50%	4380	YES		
R23	Residential	Bedroom	11.21	7.52	188	7.52	100%	100	50%	50%	4380	YES		
R24	Residential	LKD	26.13	19.81	138	6.86	35%	200	50%	50%	4380	NO		
R25	Residential	Bedroom	12.59	8.60	210	8.60	100%	100	50%	50%	4380	YES		
R26	Residential	LKD	24.98	19.02	152	7.42	39%	200	50%	50%	4380	NO		
R27	Residential	LKD	24.98	19.02	153	7.17	38%	200	50%	50%	4380	NO		
R28	Residential	Bedroom	12.61	8.62	214	8.62	100%	100	50%	50%	4380	YES		
F45	R1	Residential	LKD	26.13	19.81	134	6.12	31%	200	50%	50%	4380	NO	
	R2	Residential	Bedroom	11.21	7.52	177	7.52	100%	100	50%	50%	4380	YES	
	R3	Residential	Bedroom	12.56	8.62	153	8.33	97%	100	50%	50%	4380	YES	
	R4	Residential	LKD	26.17	20.07	395	19.95	99%	200	50%	50%	4380	YES	
	R5	Residential	Bedroom	8.39	5.24	241	5.24	100%	100	50%	50%	4380	YES	
	R6	Residential	Bedroom	8.39	5.24	232	5.24	100%	100	50%	50%	4380	YES	
	R7	Residential	LKD	26.38	20.28	491	20.28	100%	200	50%	50%	4380	YES	
	R8	Residential	Bedroom	12.56	8.62	235	8.62	100%	100	50%	50%</			

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Daylight - SDA Analysis - Green Option  
 Date of Analysis: 16/07/2025

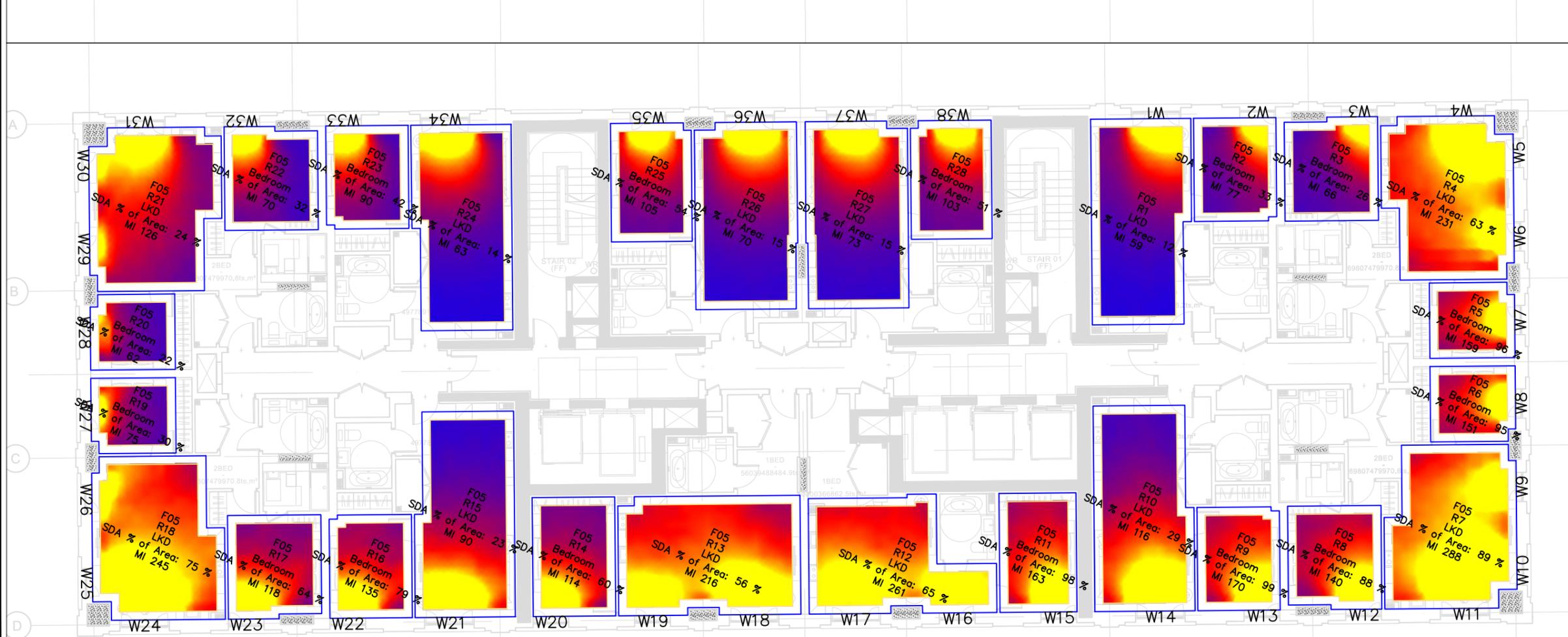
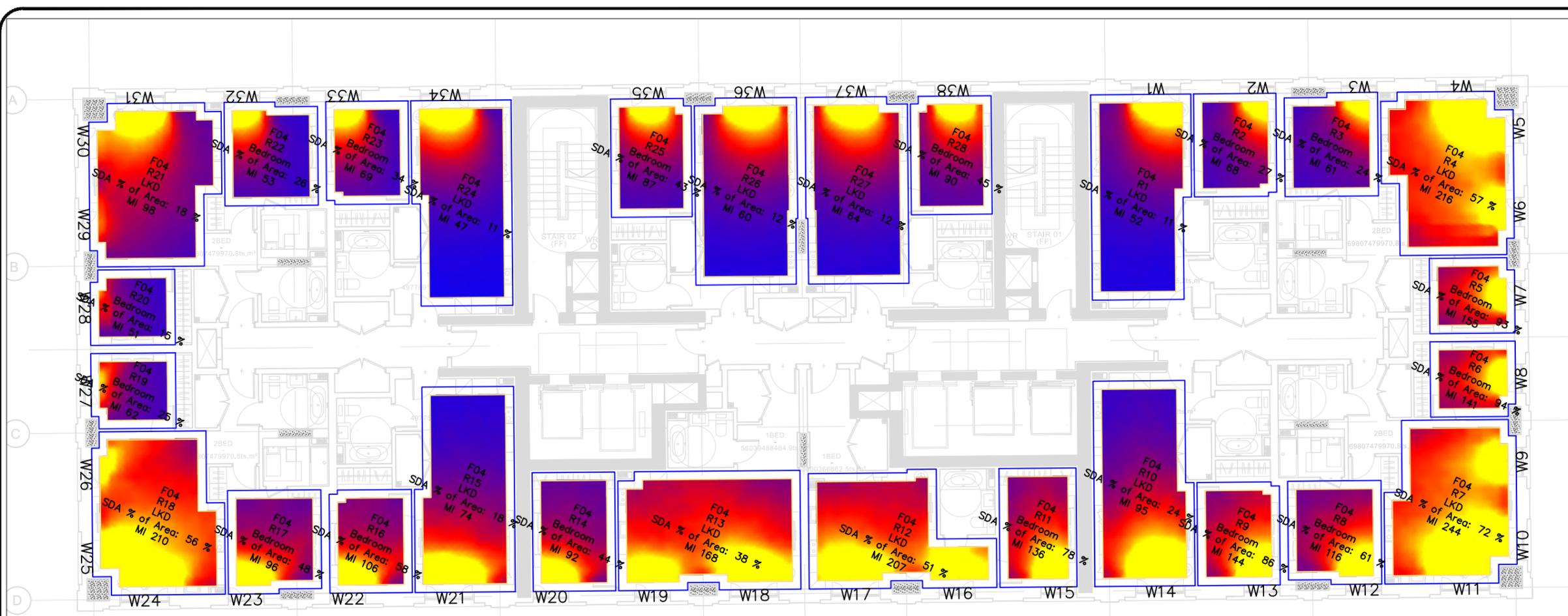
Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Criteria				Meets Criteria
										Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours	
	R16	Residential	Bedroom		11.22	7.53	283	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	237	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	656	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	306	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	298	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	462	20.07	100%	200	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	162	8.49	99%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	188	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	139	6.70	34%	200	50%	50%	4380	NO
	R25	Residential	Bedroom		12.59	8.60	211	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	151	7.42	39%	200	50%	50%	4380	NO
	R27	Residential	LKD		24.98	19.02	155	7.17	38%	200	50%	50%	4380	NO
	R28	Residential	Bedroom		12.61	8.62	213	8.62	100%	100	50%	50%	4380	YES
F46	R1	Residential	LKD		26.13	19.81	135	6.20	31%	200	50%	50%	4380	NO
	R2	Residential	Bedroom		11.21	7.52	176	7.43	99%	100	50%	50%	4380	YES
	R3	Residential	Bedroom		12.56	8.62	151	8.33	97%	100	50%	50%	4380	YES
	R4	Residential	LKD		26.17	20.07	394	19.95	99%	200	50%	50%	4380	YES
	R5	Residential	Bedroom		8.39	5.24	241	5.24	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		8.39	5.24	233	5.24	100%	100	50%	50%	4380	YES
	R7	Residential	LKD		26.38	20.28	491	20.28	100%	200	50%	50%	4380	YES
	R8	Residential	Bedroom		12.56	8.62	233	8.62	100%	100	50%	50%	4380	YES
	R9	Residential	Bedroom		11.22	7.53	275	7.53	100%	100	50%	50%	4380	YES
	R10	Residential	LKD		26.13	19.81	207	10.25	52%	200	50%	50%	4380	YES
	R11	Residential	Bedroom		12.14	8.22	266	8.22	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		23.30	16.80	453	16.80	100%	200	50%	50%	4380	YES
	R13	Residential	LKD		28.21	21.83	411	21.83	100%	200	50%	50%	4380	YES
	R14	Residential	Bedroom		13.01	8.97	244	8.97	100%	100	50%	50%	4380	YES
	R15	Residential	LKD		26.13	19.81	206	10.12	51%	200	50%	50%	4380	YES
	R16	Residential	Bedroom		11.22	7.53	283	7.53	100%	100	50%	50%	4380	YES
	R17	Residential	Bedroom		12.56	8.62	232	8.62	100%	100	50%	50%	4380	YES
	R18	Residential	LKD		26.38	20.28	657	20.28	100%	200	50%	50%	4380	YES
	R19	Residential	Bedroom		8.33	5.19	306	5.19	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom		8.34	5.20	294	5.20	100%	100	50%	50%	4380	YES
	R21	Residential	LKD		26.17	20.07	465	20.07	100%	200	50%	50%	4380	YES
	R22	Residential	Bedroom		12.56	8.62	158	8.49	99%	100	50%	50%	4380	YES
	R23	Residential	Bedroom		11.21	7.52	191	7.52	100%	100	50%	50%	4380	YES
	R24	Residential	LKD		26.13	19.81	138	6.53	33%	200	50%	50%	4380	NO
	R25	Residential	Bedroom		12.59	8.60	205	8.60	100%	100	50%	50%	4380	YES
	R26	Residential	LKD		24.98	19.02	152	7.34	39%	200	50%	50%	4380	NO
	R27	Residential	LKD		24.98	19.02	151	7.26	38%	200	50%	50%	4380	NO
	R28	Residential	Bedroom		12.61	8.62	210	8.62	100%	100	50%	50%	4380	YES
F47	R1	Residential	Bedroom		11.54	7.82	265	7.82	100%	100	50%	50%	4380	YES
	R2	Residential	Bedroom		8.90	5.67	266	5.67	100%	100	50%	50%	4380	YES
	R3	Residential	LKD		49.99	40.22	304	35.83	89%	200	50%	50%	4380	YES
	R4	Residential	LKD		49.99	40.22	406	39.82	99%	200	50%	50%	4380	YES
	R5	Residential	Bedroom		8.90	5.67	418	5.67	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		11.54	7.82	418	7.82	100%	100	50%	50%	4380	YES
	R7	Residential	Bedroom		16.15	10.91	413	10.91	100%	100	50%	50%	4380	YES
	R8	Residential	LKD		47.19	33.77	337	28.45	84%	200	50%	50%	4380	YES
	R9	Residential	Bedroom		12.65	8.66	258	8.66	100%	100	50%	50%	4380	YES
	R10	Residential	Bedroom		11.54	7.82	422	7.82	100%	100	50%	50%	4380	YES
	R11	Residential	Bedroom		8.90	5.67	418	5.67	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		49.99	40.22	557	40.22	100%	200	50%	50%	4380	YES
	R13	Residential	LKD		49.99	40.22	351	38.40	95%	200	50%	50%	4380	YES
	R14	Residential	Bedroom		8.90	5.67	273	5.67	100%	100	50%	50%	4380	YES
	R15	Residential	Bedroom		11.54	7.82	278	7.82	100%	100	50%	50%	4380	YES
	R16	Residential	Bedroom		15.15	10.29	191	8.83	86%	100	50%	50%	4380	YES
	R17	Residential	LKD		37.03	29.82	164	11.56	39%	200	50%	50%	4380	NO
	R18	Residential	Bedroom		15.62	10.76	197	9.94	92%	100	50%	50%	4380	YES
F48	R1	Residential	Bedroom		11.54	7.82	264	7.82	100%	100	50%	50%	4380	YES
	R2	Residential	Bedroom		8.90	5.67	271	5.67	100%	100	50%	50%	4380	YES
	R3	Residential	LKD		49.99	40.22	292	34.41	86%	200	50%	50%	4380	YES
	R4	Residential	LKD		49.99	40.22	391	39.57	98%	200	50%	50%	4380	YES
	R5	Residential	Bedroom		8.90	5.67	417	5.67	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom		11.54	7.82	419	7.82	100%	100	50%	50%	4380	YES
	R7	Residential	Bedroom		16.15	10.91	415	10.91	100%	100	50%	50%	4380	YES
	R8	Residential	LKD		47.19	33.77	309	26.44	78%	200	50%	50%	4380	YES
	R9	Residential	Bedroom		12.65	8.66	254	8.66	100%	100	50%	50%	4380	YES
	R10	Residential	Bedroom		11.54	7.82	425	7.82	100%	100	50%	50%	4380	YES
	R11	Residential	Bedroom		8.90	5.67	422	5.67	100%	100	50%	50%	4380	YES
	R12	Residential	LKD		49.99	40.22	535	40.22	100%	200	50%	50%	4380	YES
	R13	Residential	LKD		49.99	40.22	340	38.13	95%	200	50%	50%	4380	YES
	R14	Residential	Bedroom		8.90	5.67	272	5.67	100%	100	50%	50%	4380	YES
	R15	Residential	Bedroom		11.54	7.82	283	7.82	100%	100	50%	50%	4380	YES
	R16	Residential	Bedroom		15.15	10.29	189	8.91	87%	100	50%	50%	4380	YES
	R17	Residential	LKD		37.03	29.82	152	10.53	35%	200	50%	50%	4380	NO
	R18	Residential	Bedroom		15.62	10.76	192	9.94	92%	100	50%	50%	4380	YES

SOURCES OF INFORMATION:

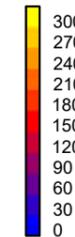
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MBS SURVEY MODEL  
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SCHEME  
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LEGEND:  
SDA LUX



G		
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A		
REV.	DESCRIPTION:	BY:   DATE:

PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
SPATIAL DAYLIGHT AUTONOMY  
GREEN FINISHES

JOB NO: 200	RELEASE: 04-01A	DRG NO: 500
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL

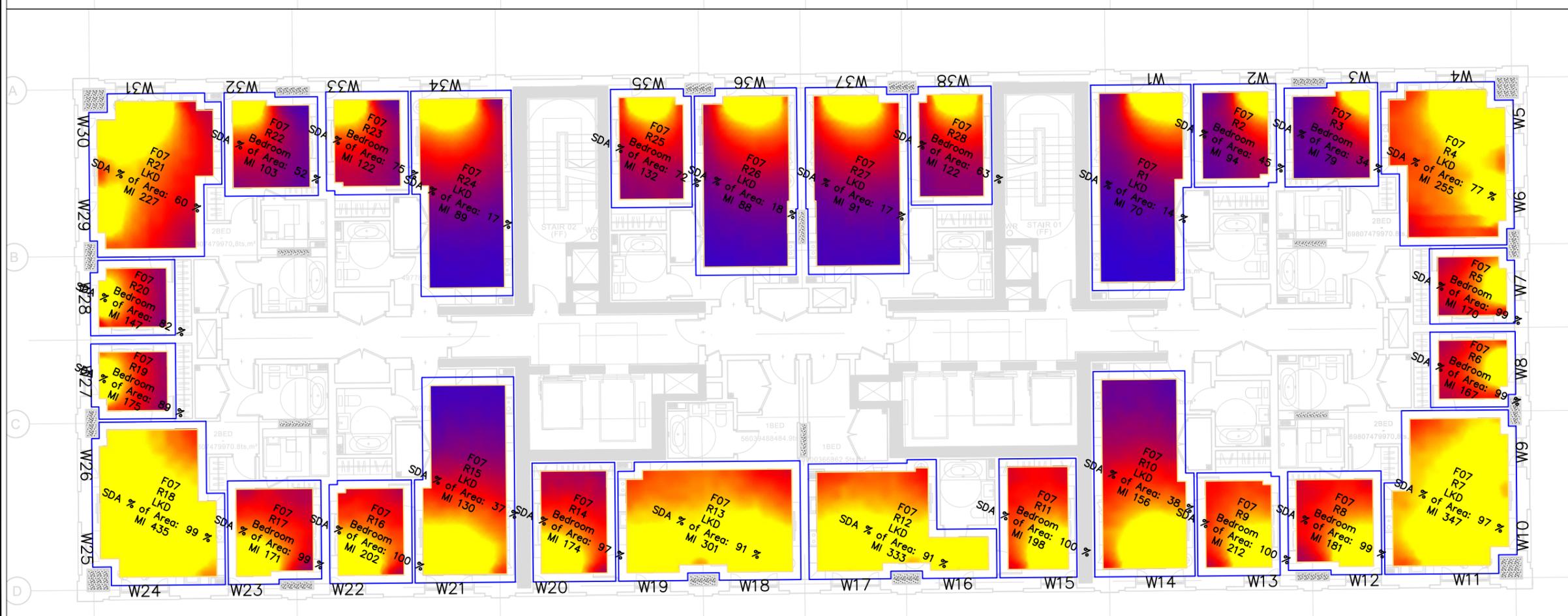
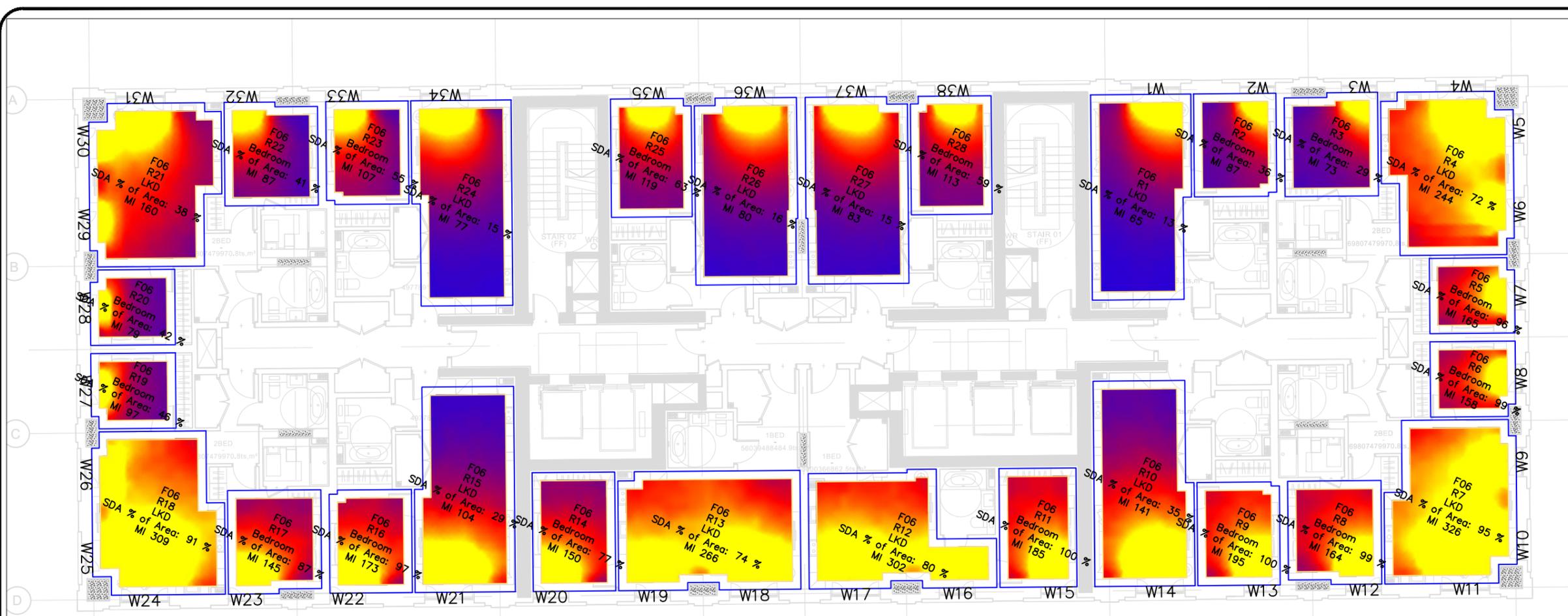


SOURCES OF INFORMATION:

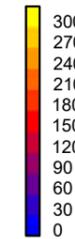
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MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG



LEGEND:  
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REV.	DESCRIPTION:	BY: DATE:

PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
SPATIAL DAYLIGHT AUTONOMY  
GREEN FINISHES

JOB NO: 200	RELEASE: 04-01A	DRG NO: 501
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL

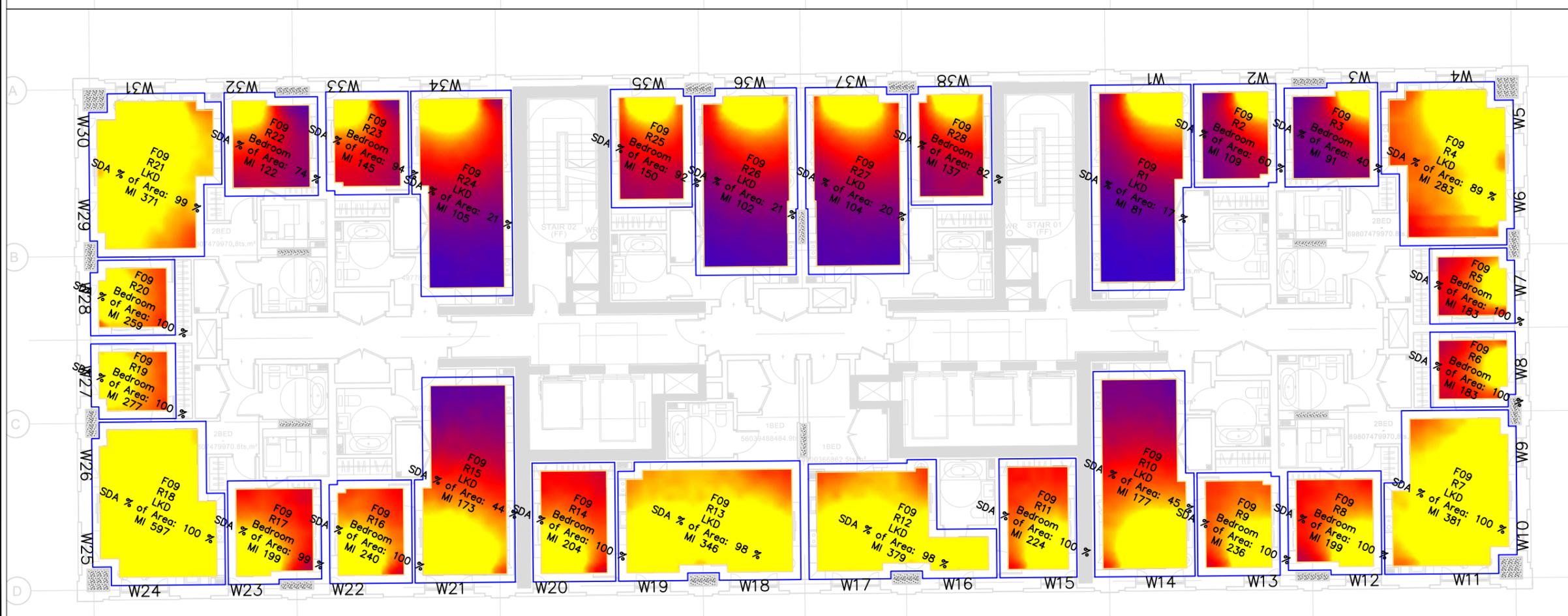
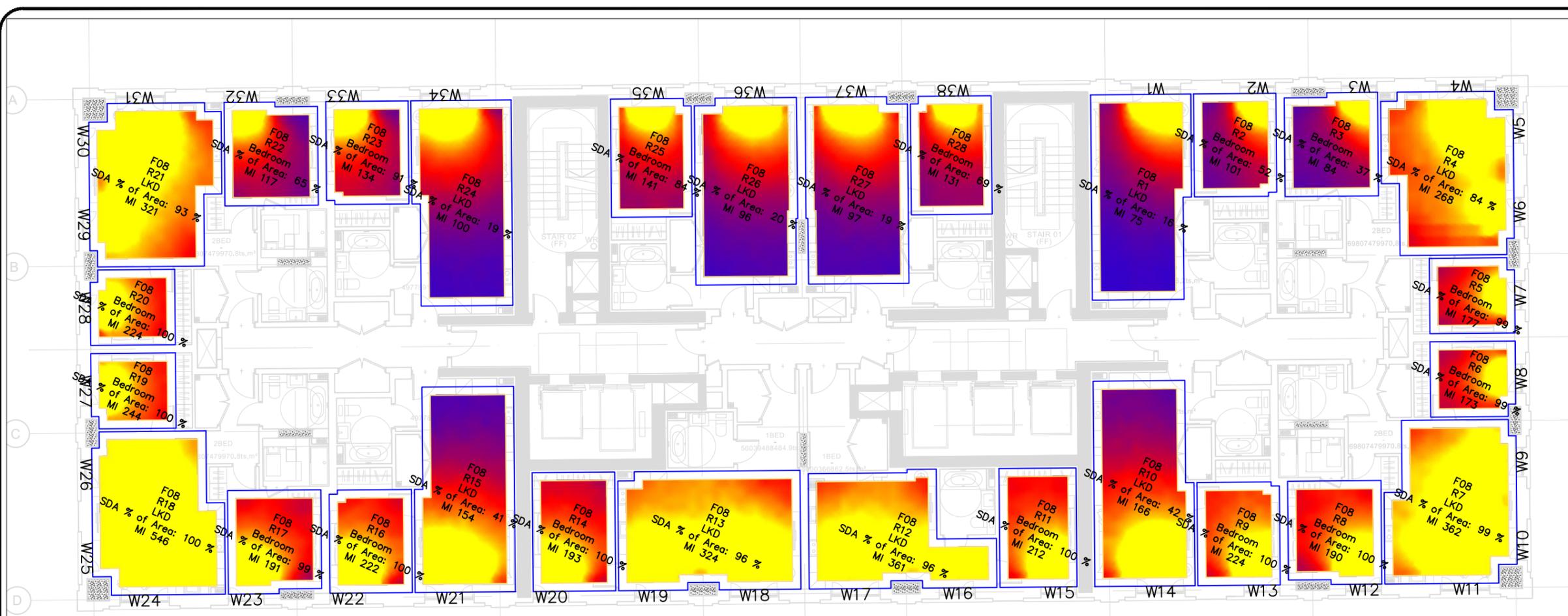


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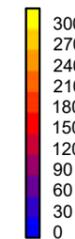
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MBS SURVEY MODEL  
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SCHEME  
06159\_MODEL\_250709.DWG



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PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
SPATIAL DAYLIGHT AUTONOMY  
GREEN FINISHES

JOB NO: 200	RELEASE: 04-01A	DRG NO: 502
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL

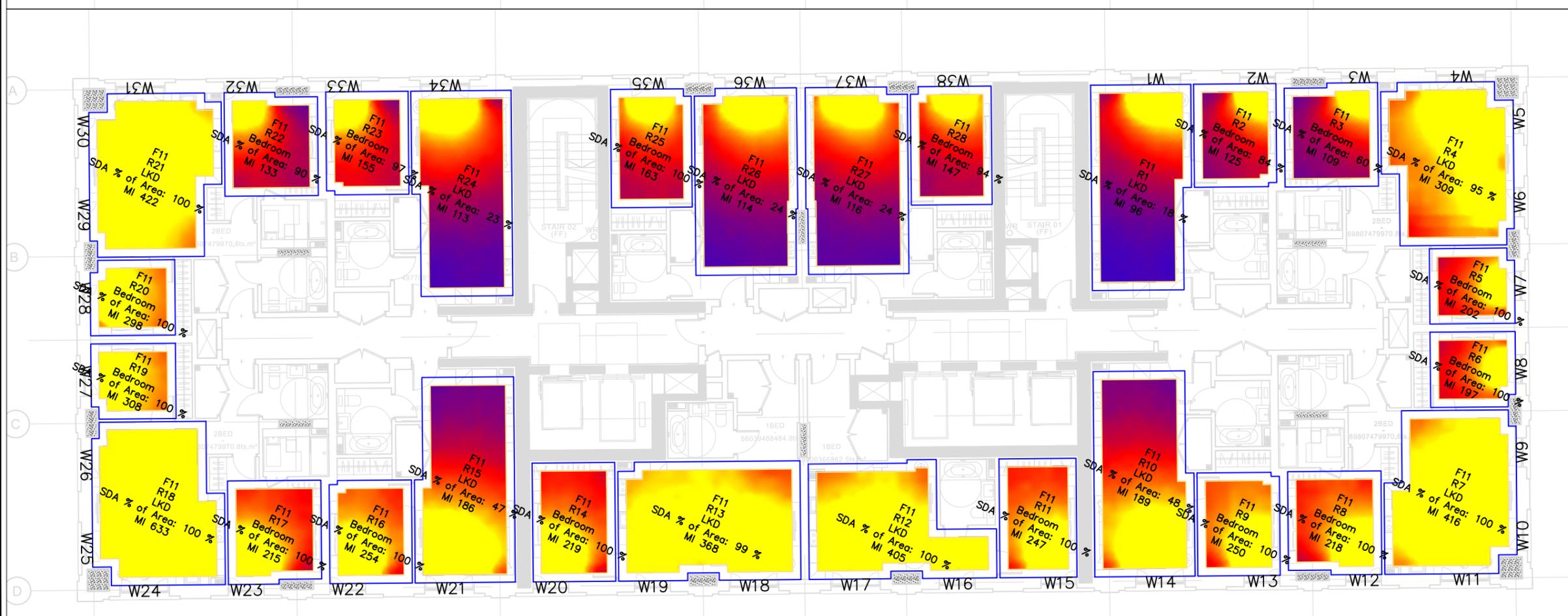
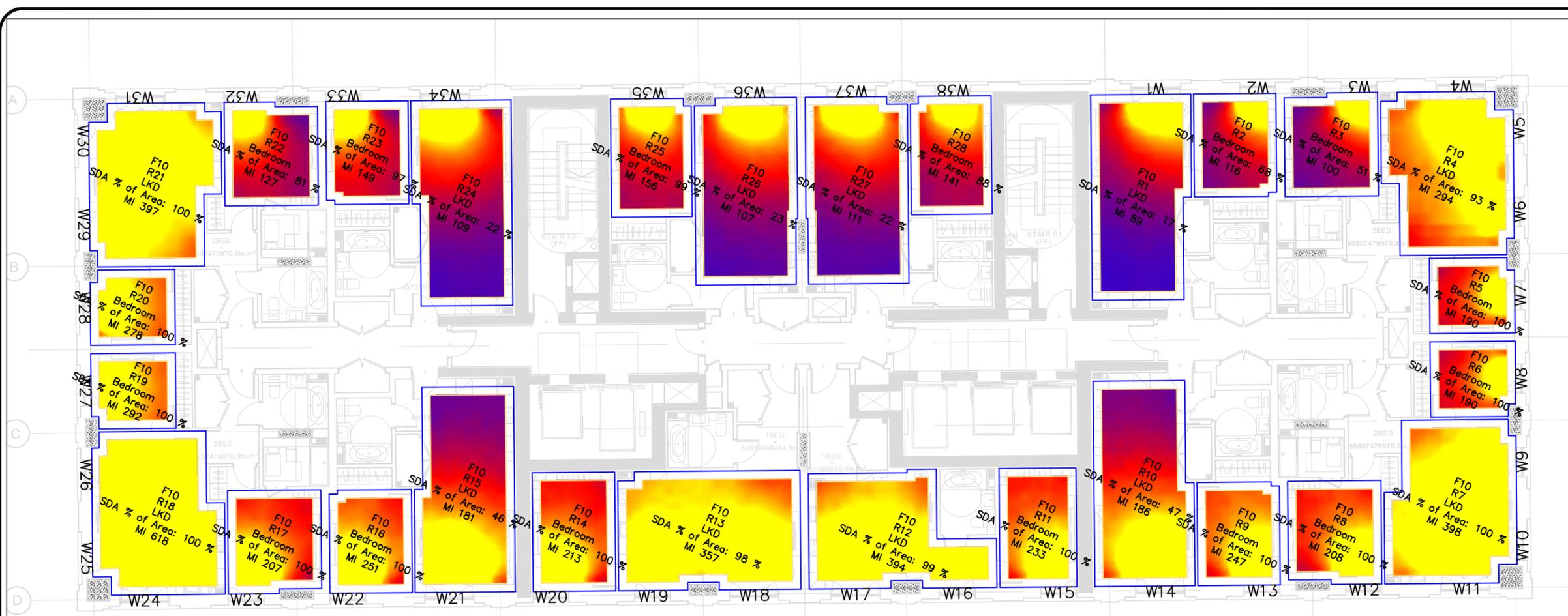


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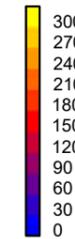
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MBS SURVEY MODEL  
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SCHEME  
06159\_MODEL\_250709.DWG



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PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
SPATIAL DAYLIGHT AUTONOMY  
GREEN FINISHES

JOB NO: 200	RELEASE: 04-01A	DRG NO: 503
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL

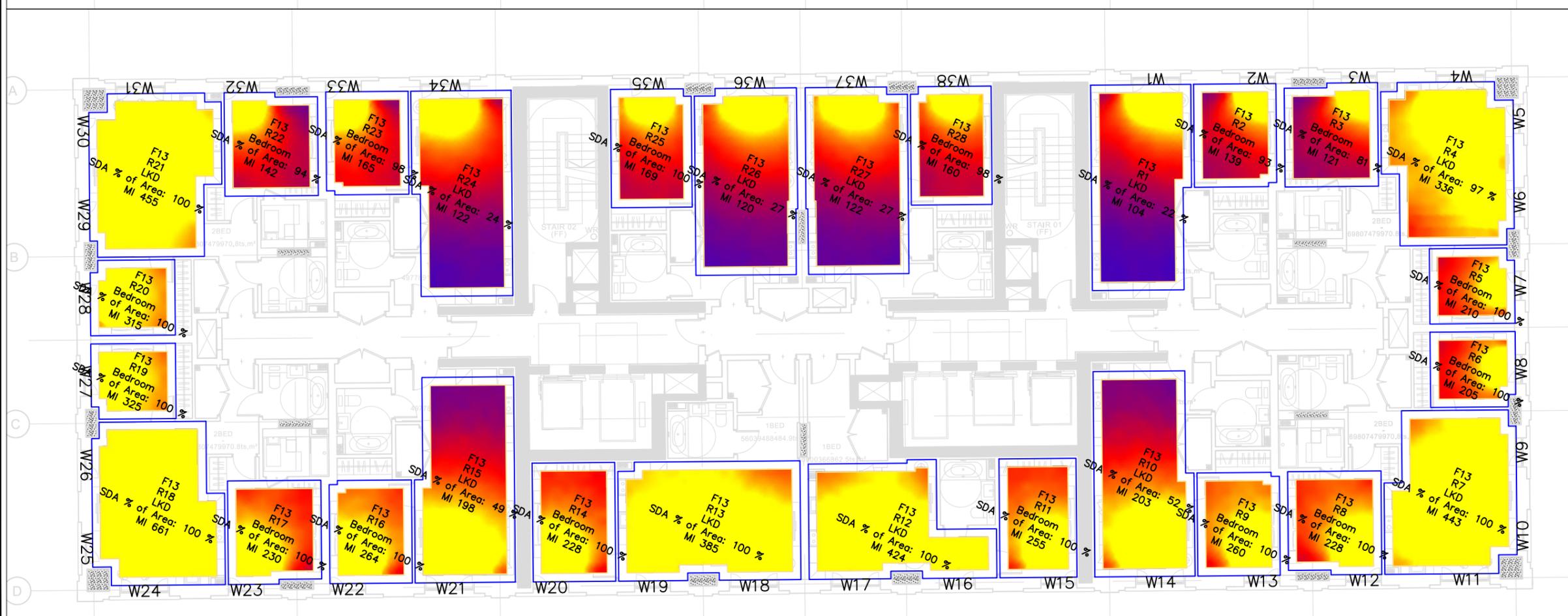
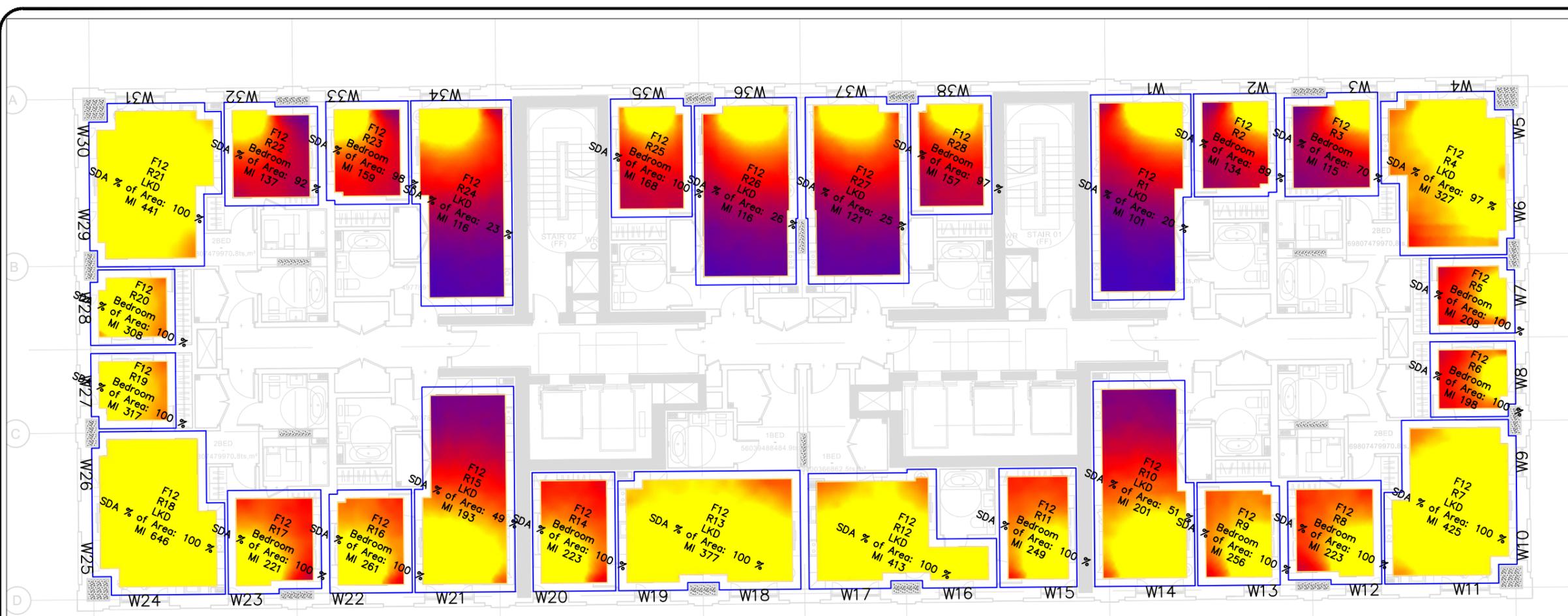


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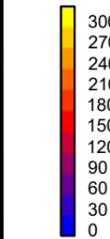
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SCHEME  
06159\_MODEL\_250709.DWG



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PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
SPATIAL DAYLIGHT AUTONOMY  
GREEN FINISHES

JOB NO: 200	RELEASE: 04-01A	DRG NO: 504
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL

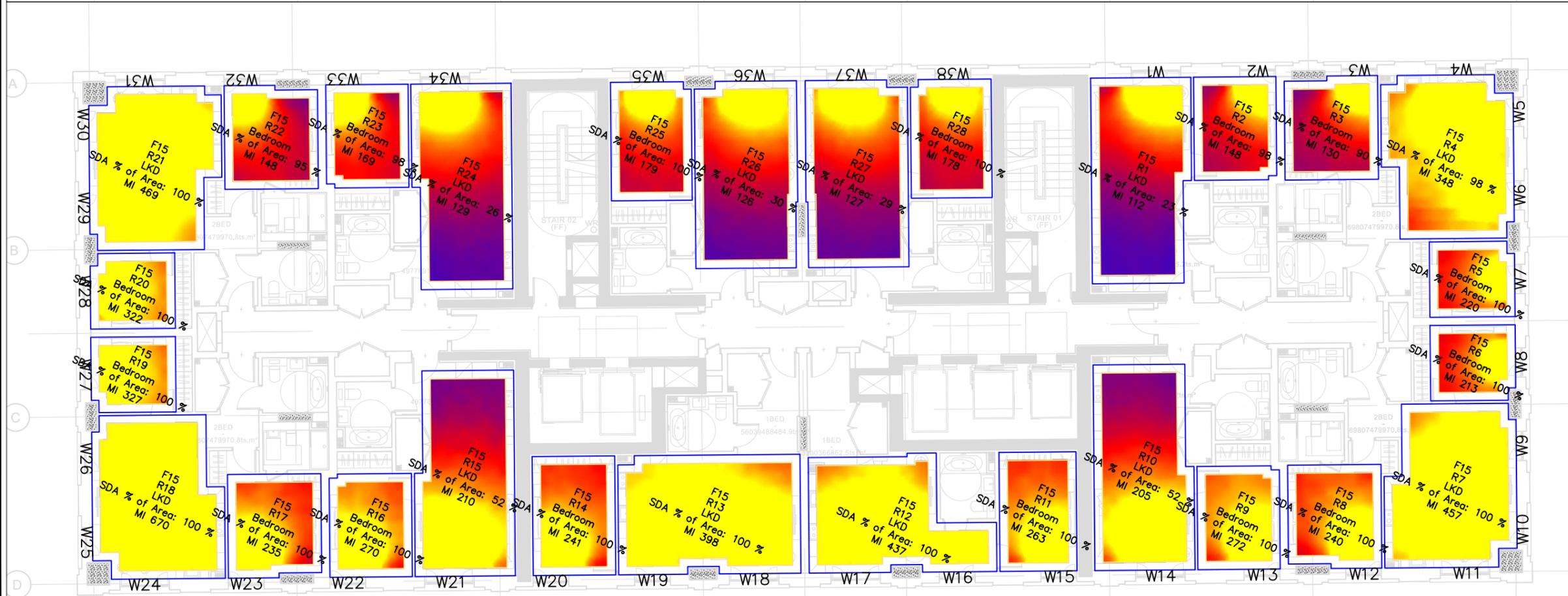
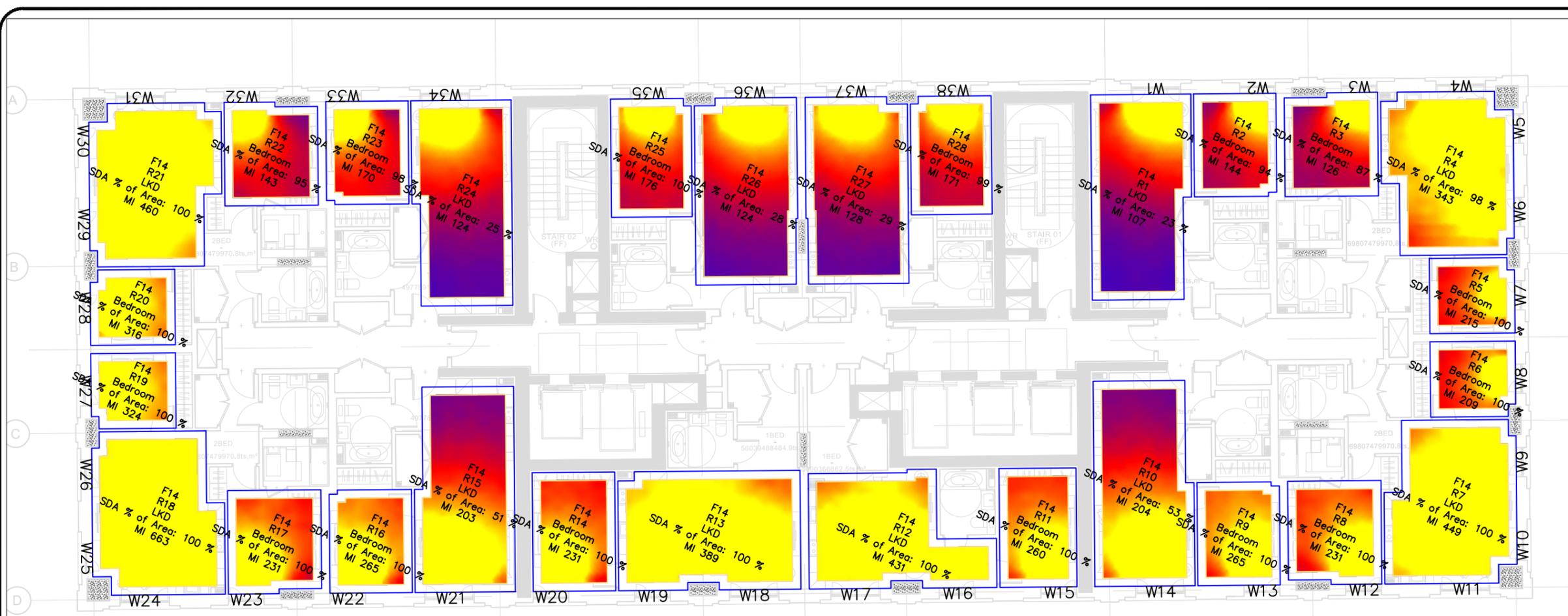


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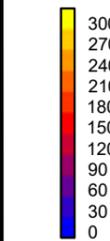
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SCHEME  
 06159\_MODEL\_250709.DWG



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PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 SPATIAL DAYLIGHT AUTONOMY  
 GREEN FINISHES

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DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL

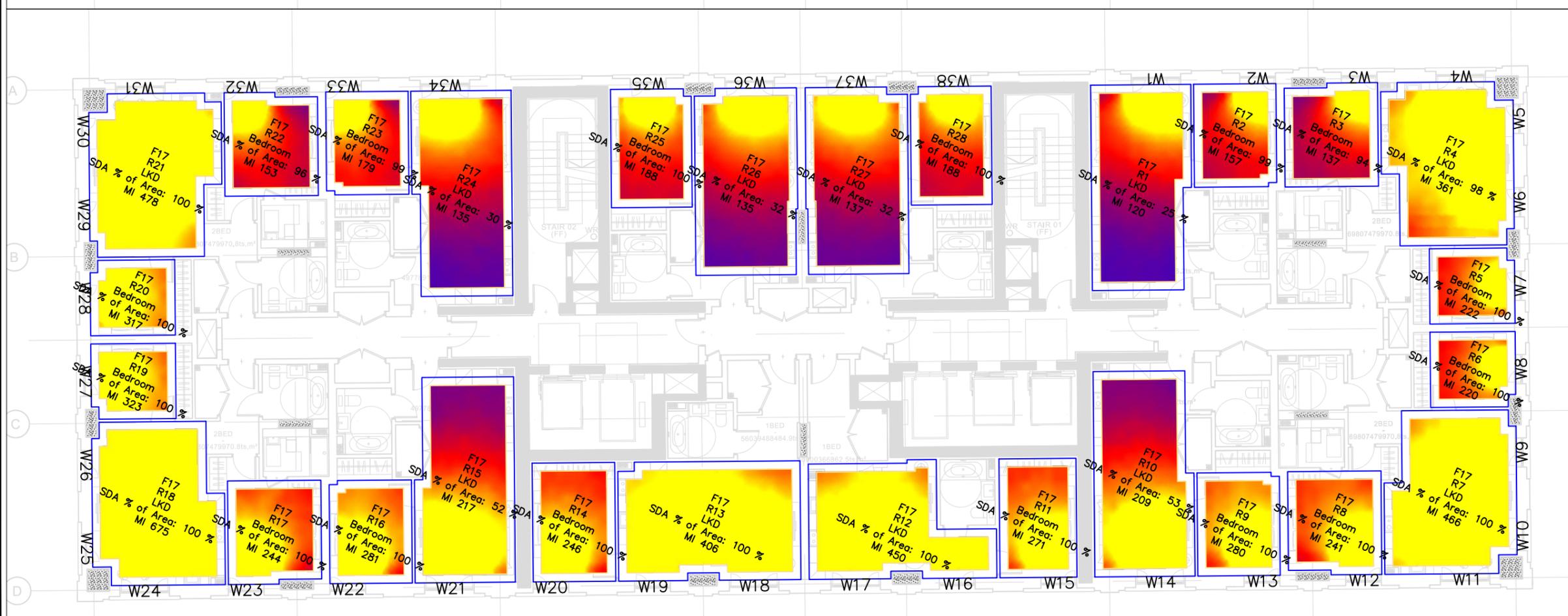
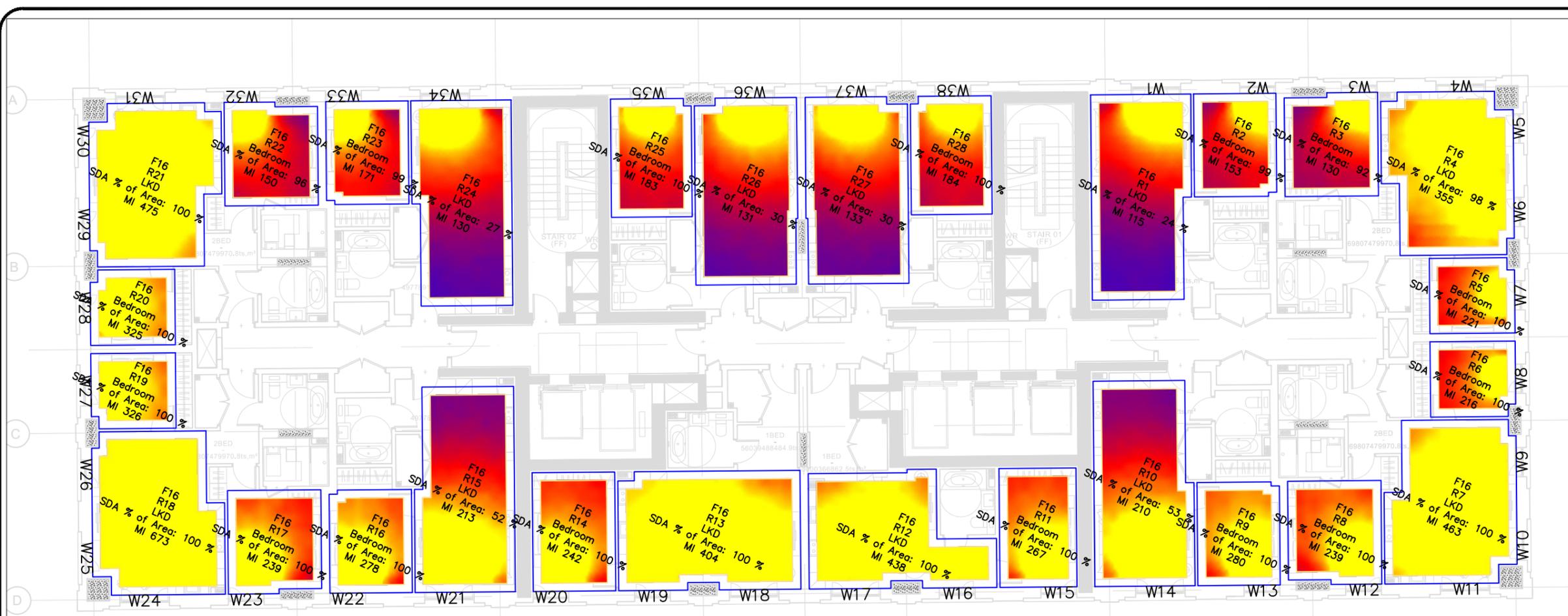


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SCHEME  
06159\_MODEL\_250709.DWG



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PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
SPATIAL DAYLIGHT AUTONOMY  
GREEN FINISHES

JOB NO: 200	RELEASE: 04-01A	DRG NO: 506
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL

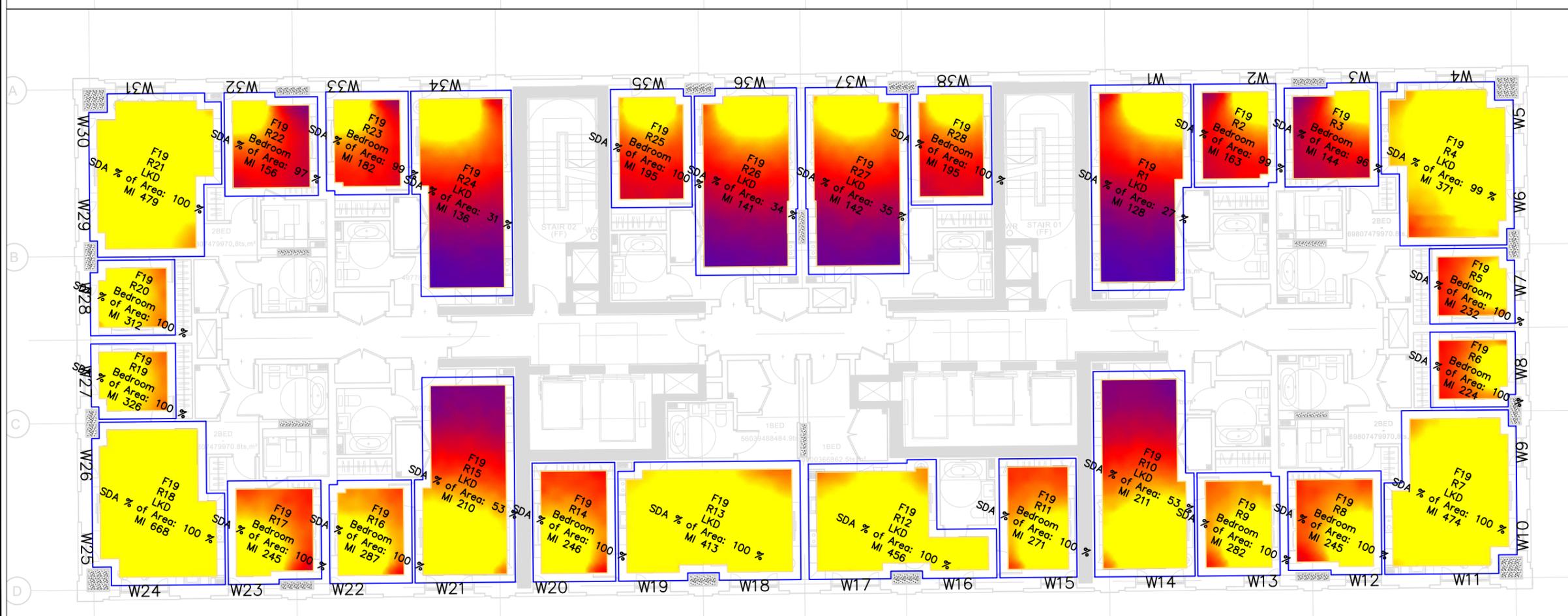
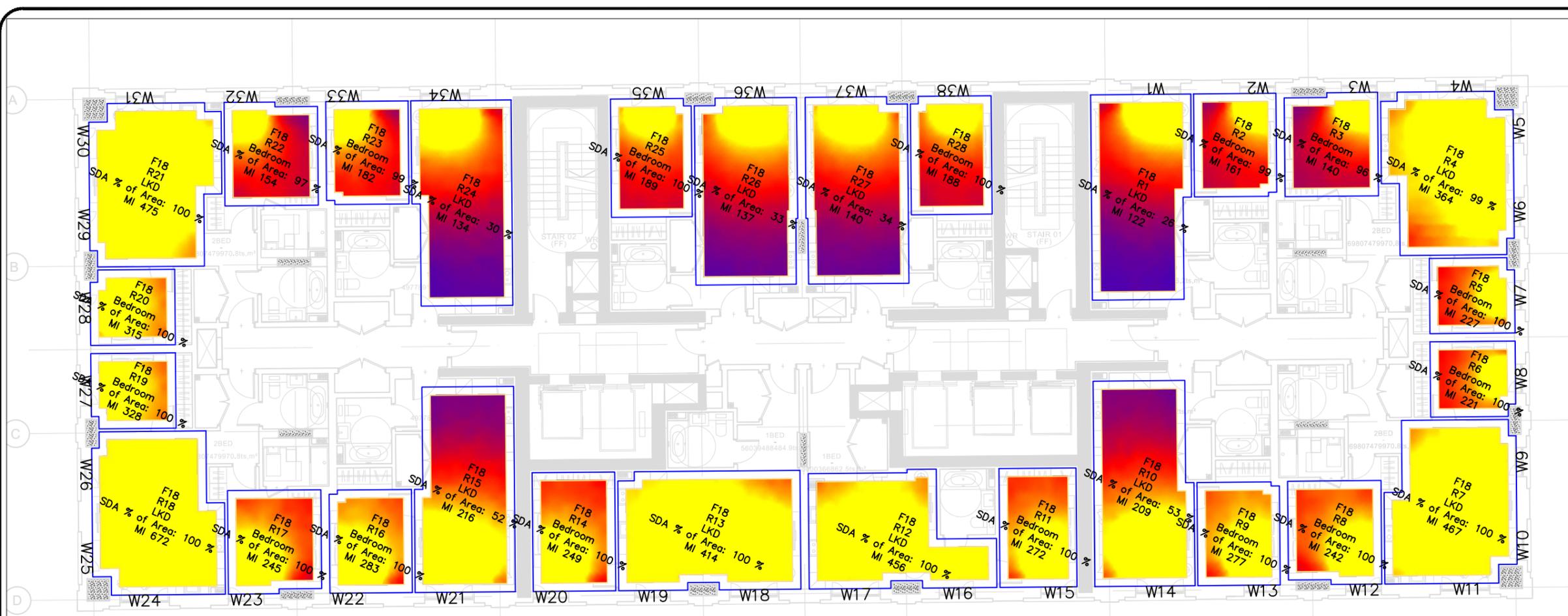


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SCHEME  
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PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 SPATIAL DAYLIGHT AUTONOMY  
 GREEN FINISHES

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DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL

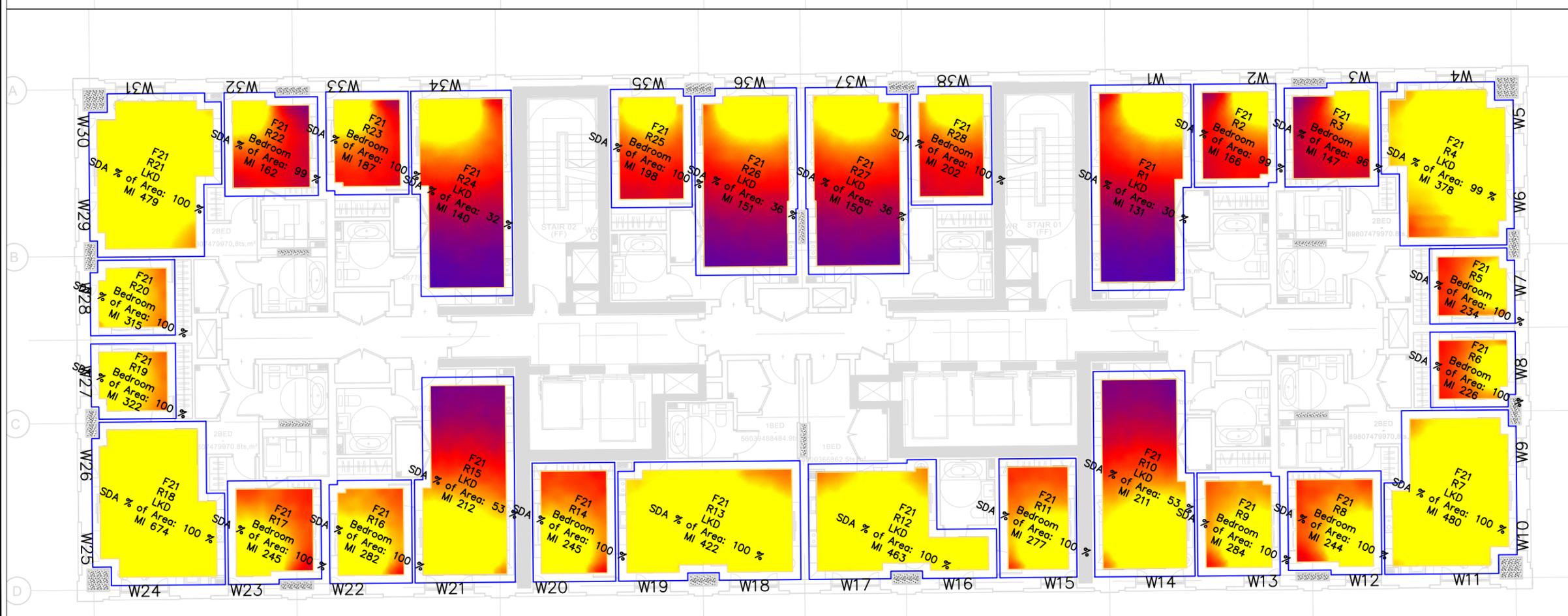
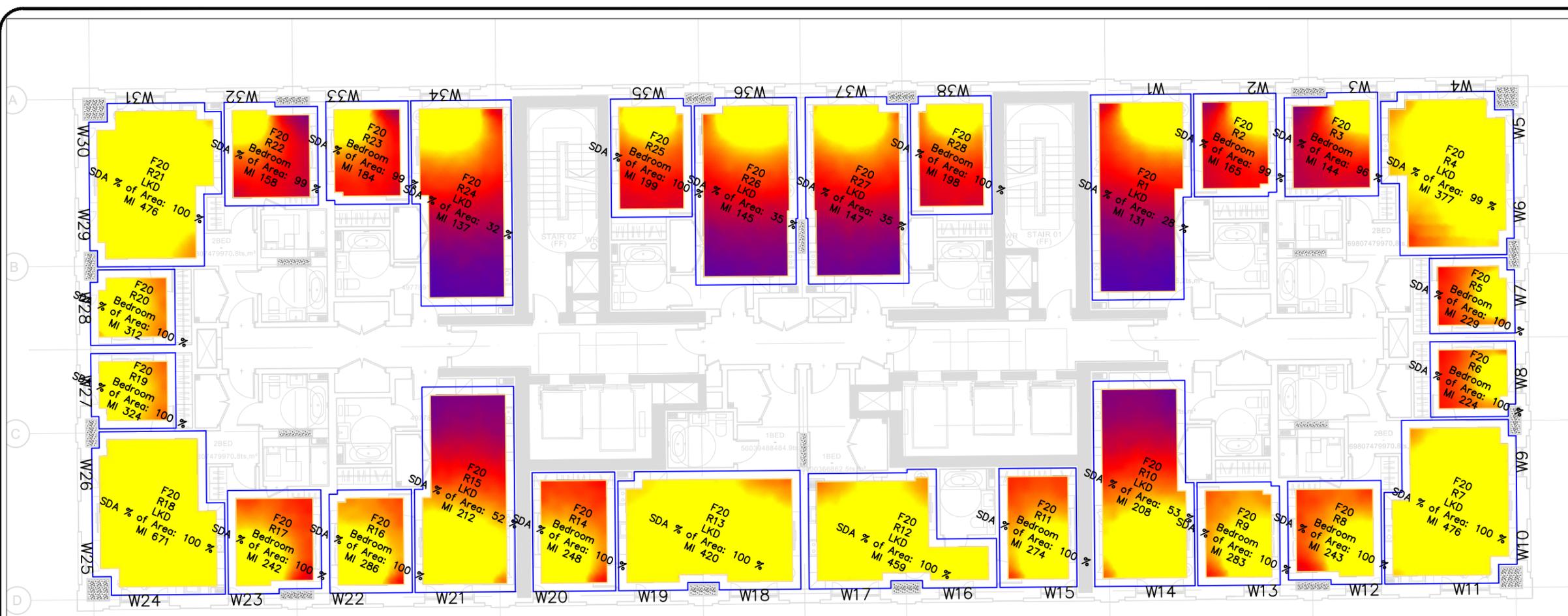


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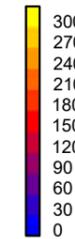
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SCHEME  
 06159\_MODEL\_250709.DWG



LEGEND:  
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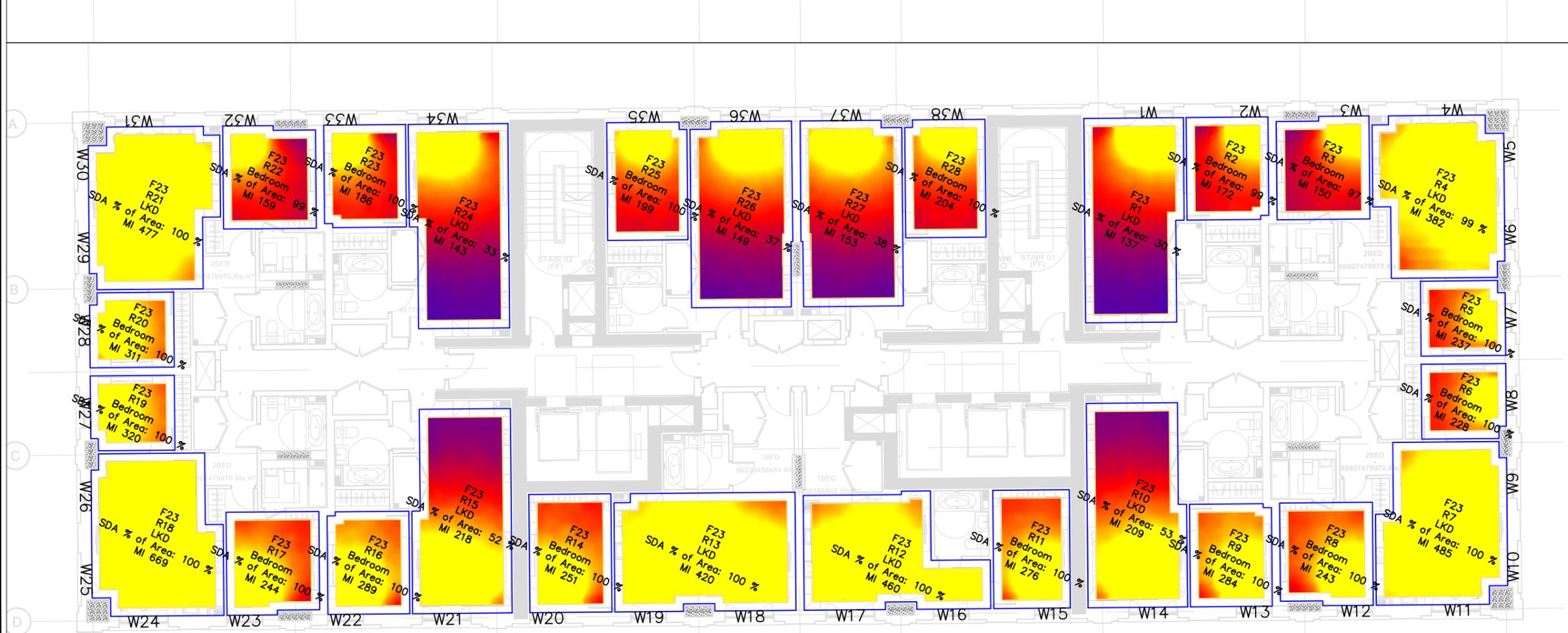
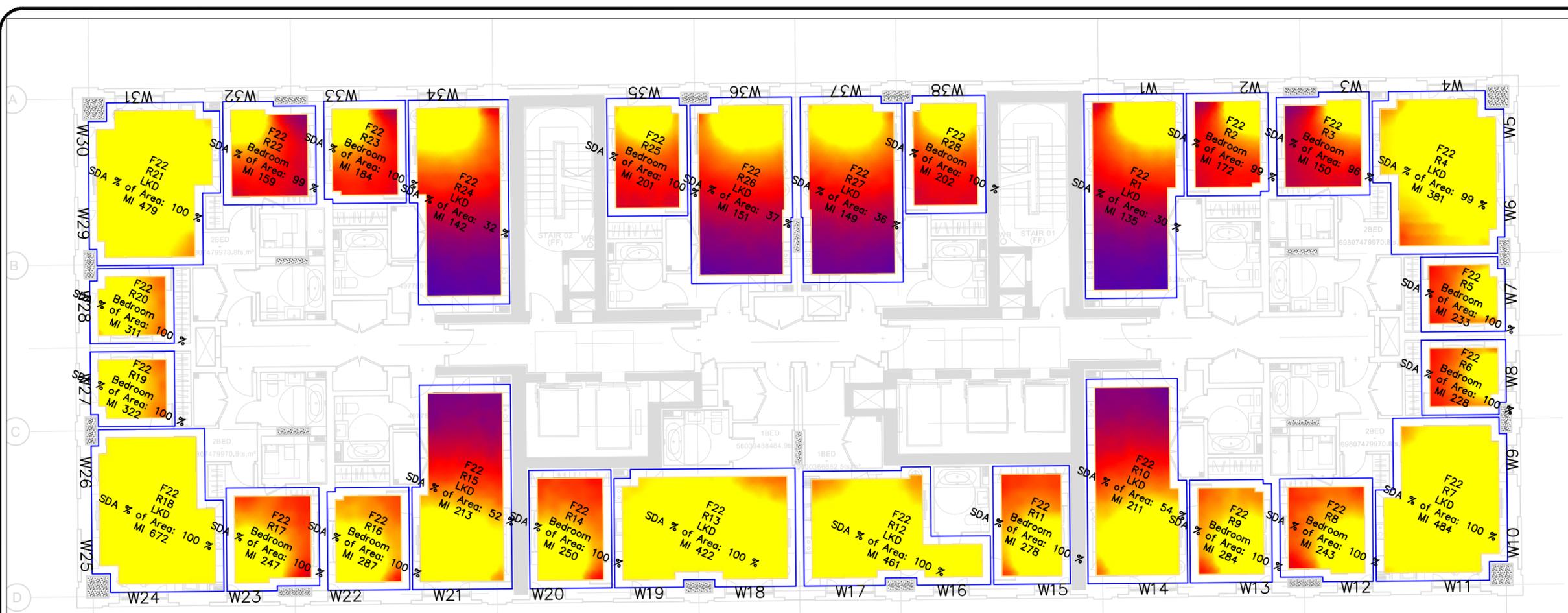
PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 SPATIAL DAYLIGHT AUTONOMY  
 GREEN FINISHES

JOB NO: 200	RELEASE: 04-01A	DRG NO: 508
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL



SOURCES OF INFORMATION:  
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PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
SPATIAL DAYLIGHT AUTONOMY  
GREEN FINISHES

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DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL

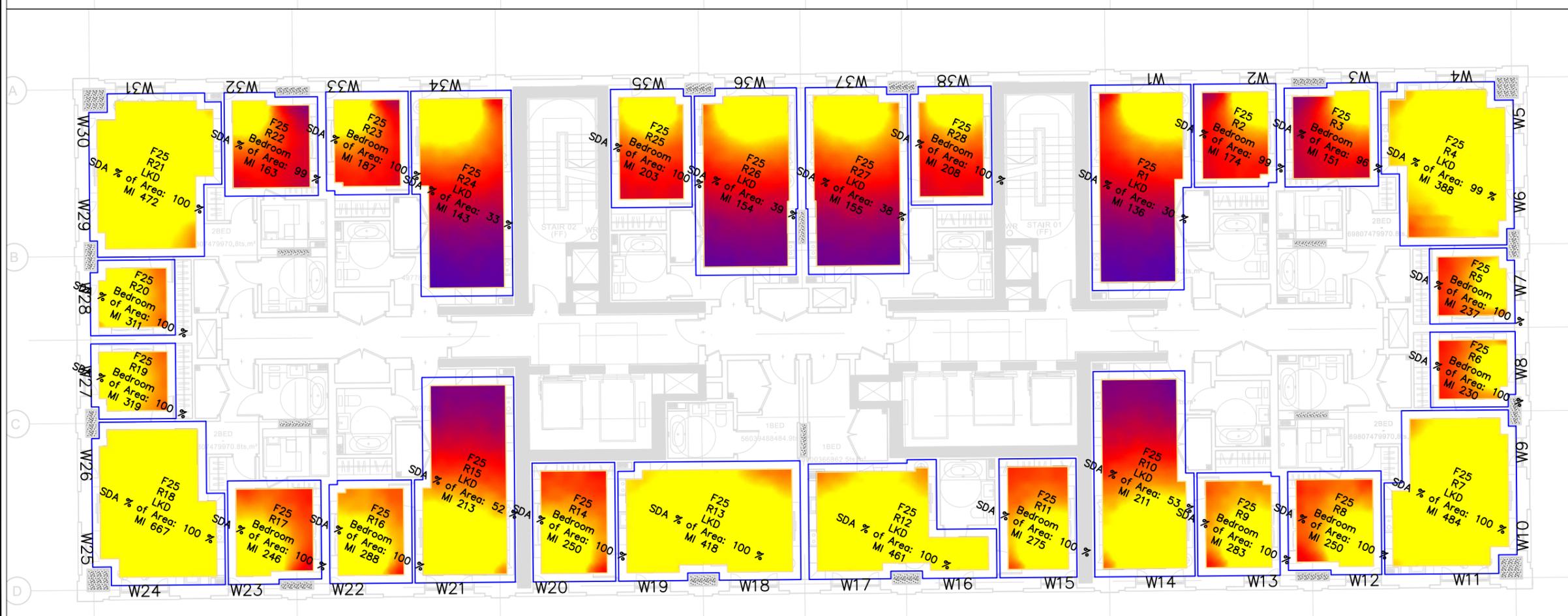
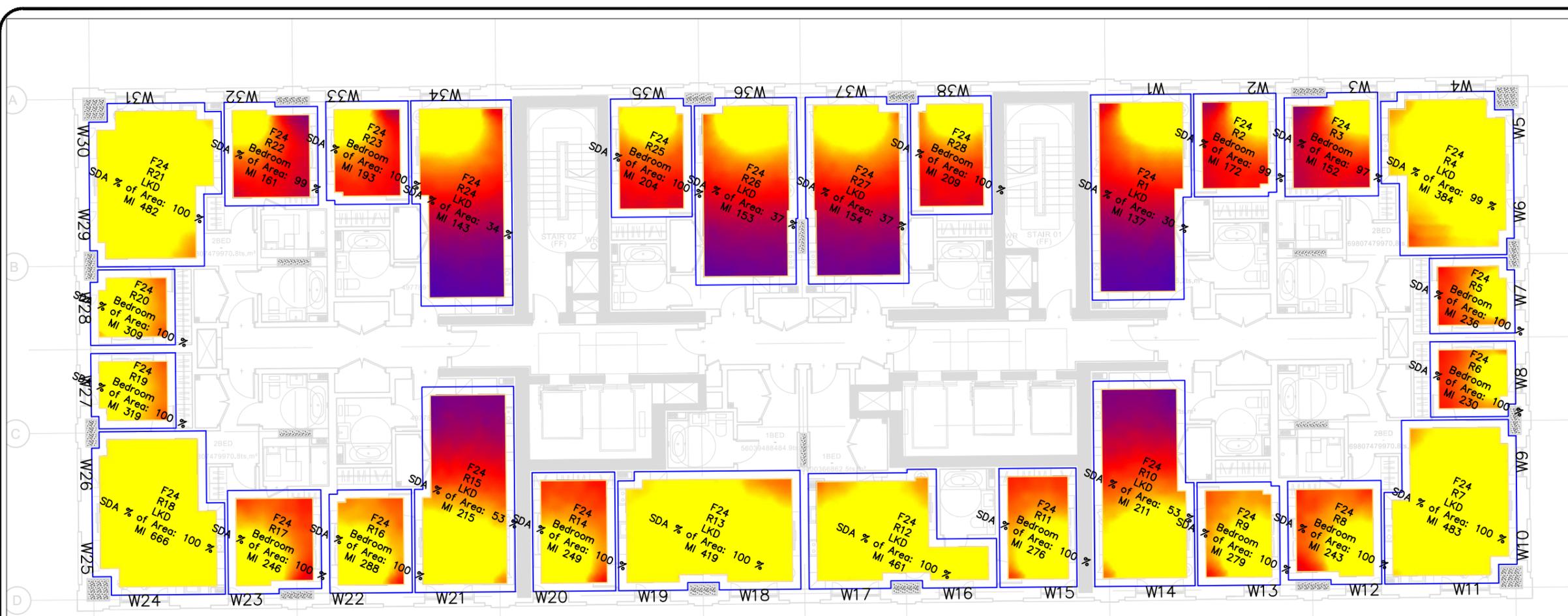


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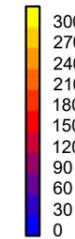
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SCHEME  
06159\_MODEL\_250709.DWG



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PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
SPATIAL DAYLIGHT AUTONOMY  
GREEN FINISHES

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DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL

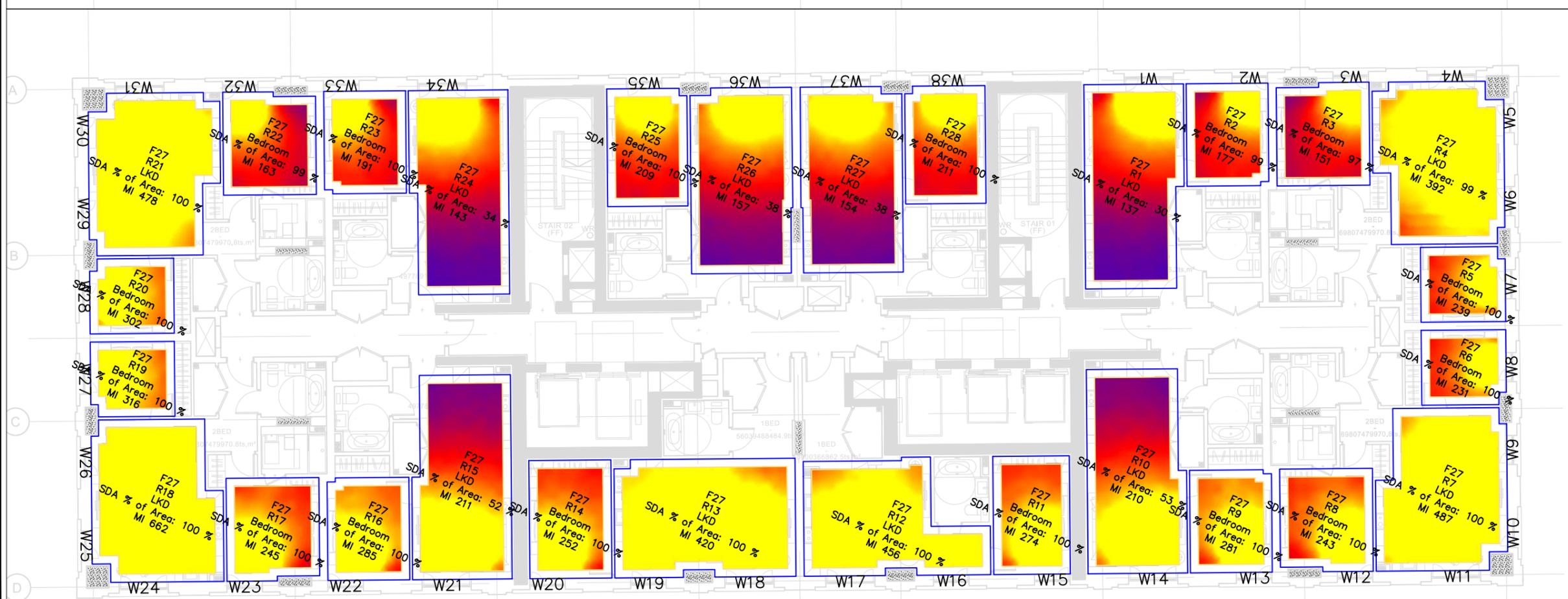
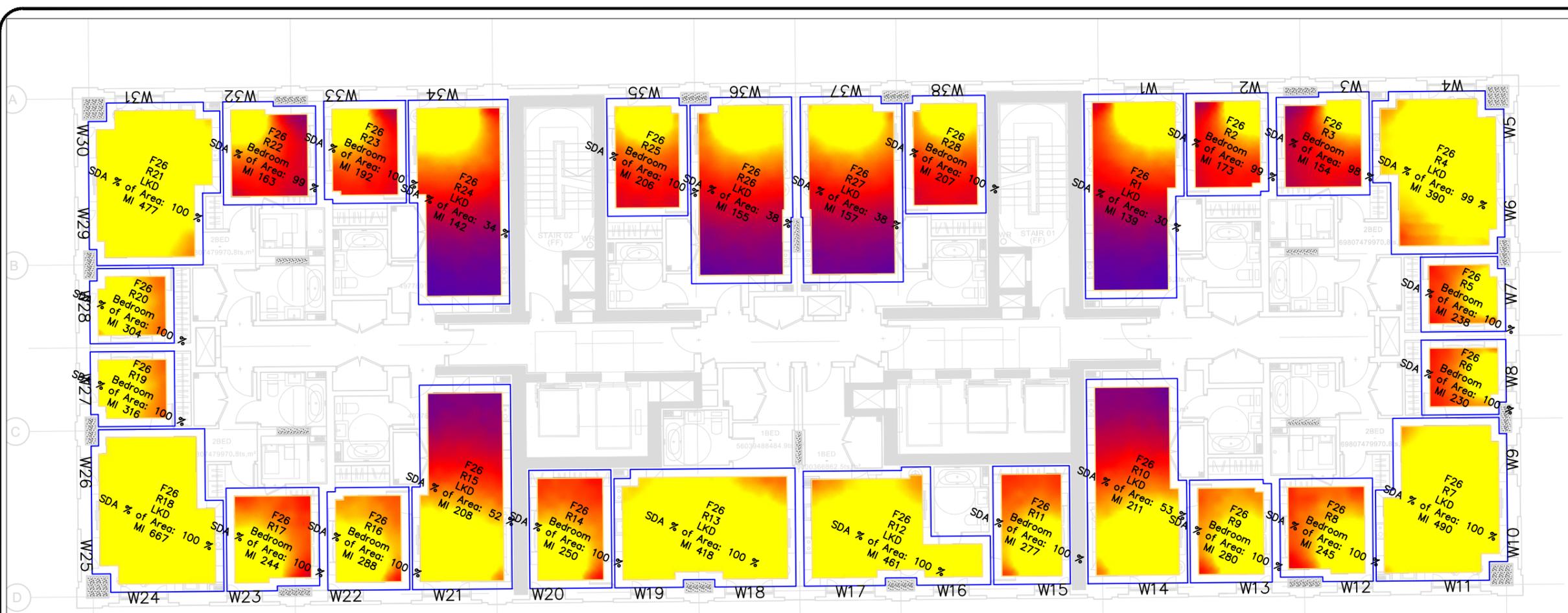


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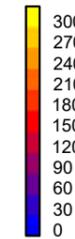
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SCHEME  
06159\_MODEL\_250709.DWG



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PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
SPATIAL DAYLIGHT AUTONOMY  
GREEN FINISHES

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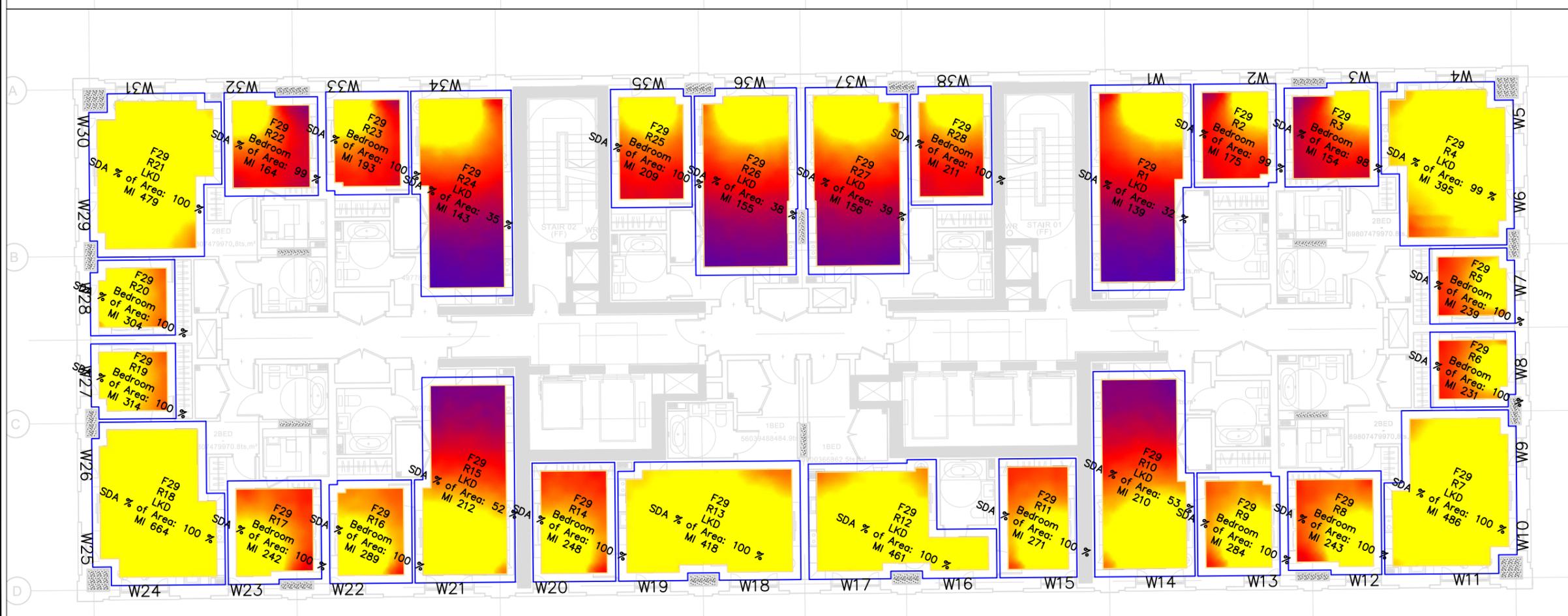
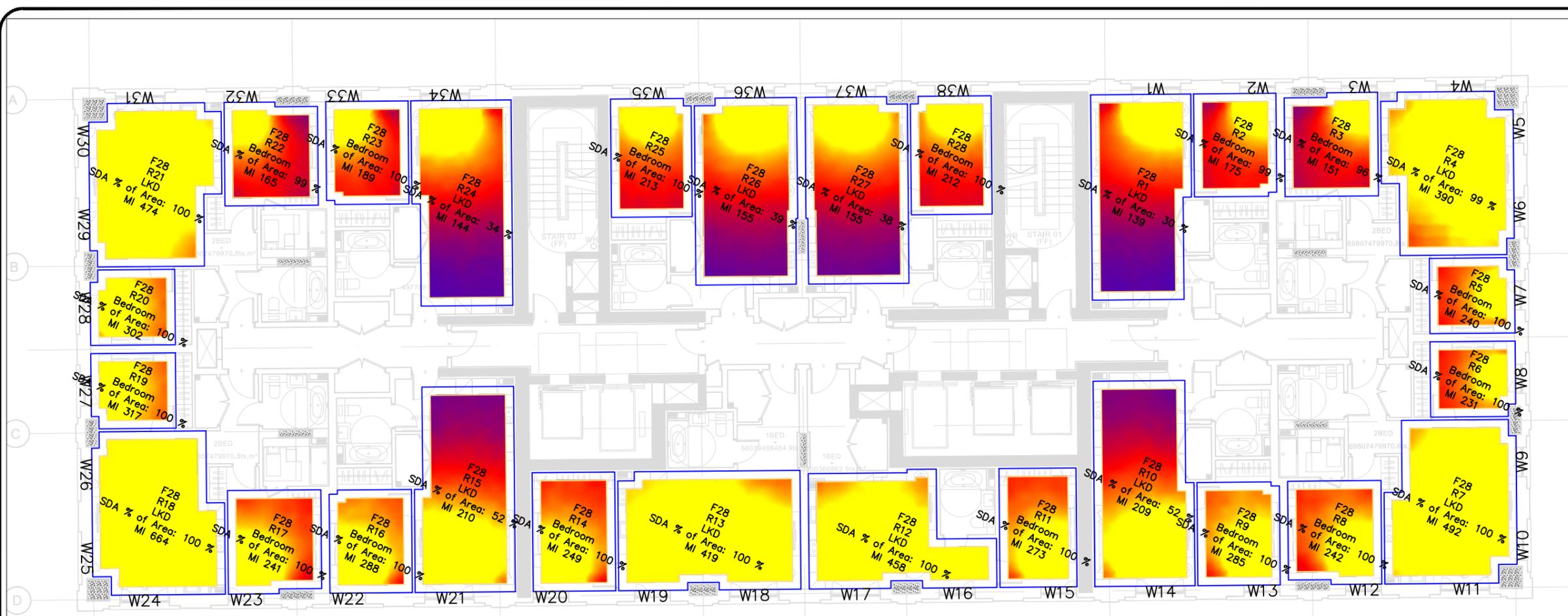


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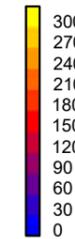
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MBS SURVEY MODEL  
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SCHEME  
 06159\_MODEL\_250709.DWG



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PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 SPATIAL DAYLIGHT AUTONOMY  
 GREEN FINISHES

JOB NO: 200	RELEASE: 04-01A	DRG NO: 512
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL

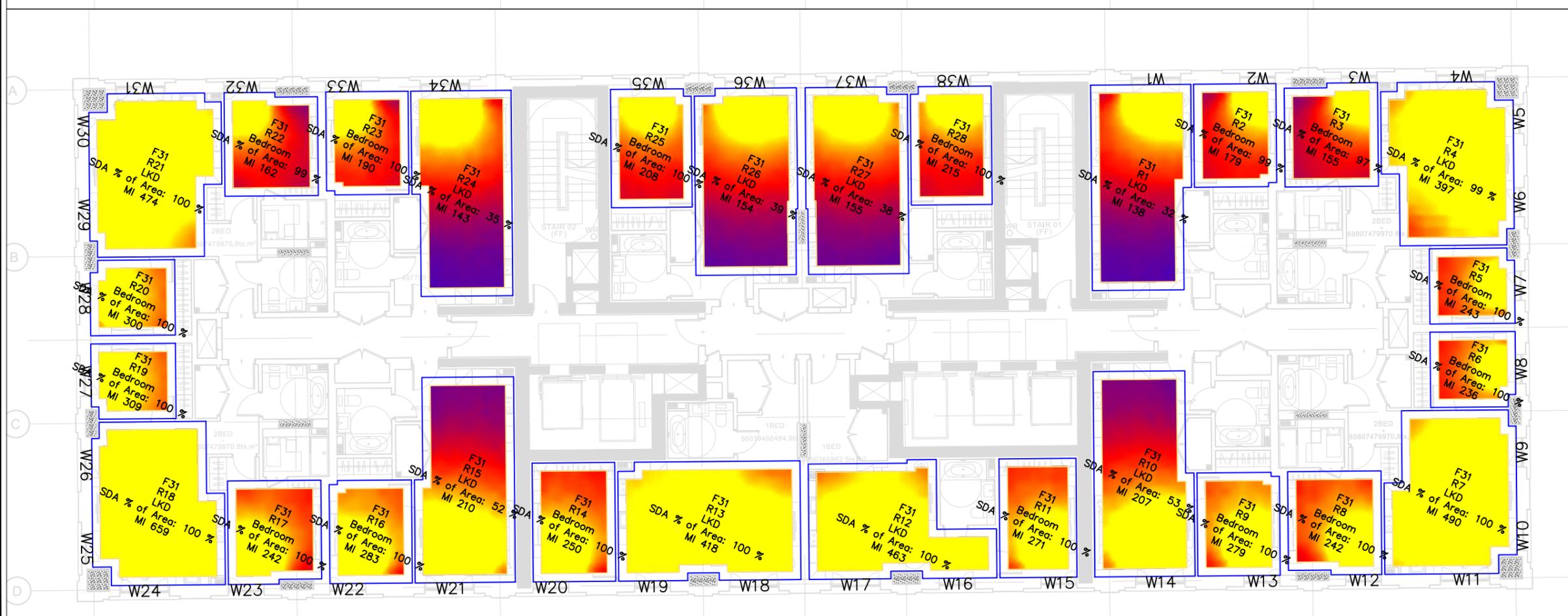
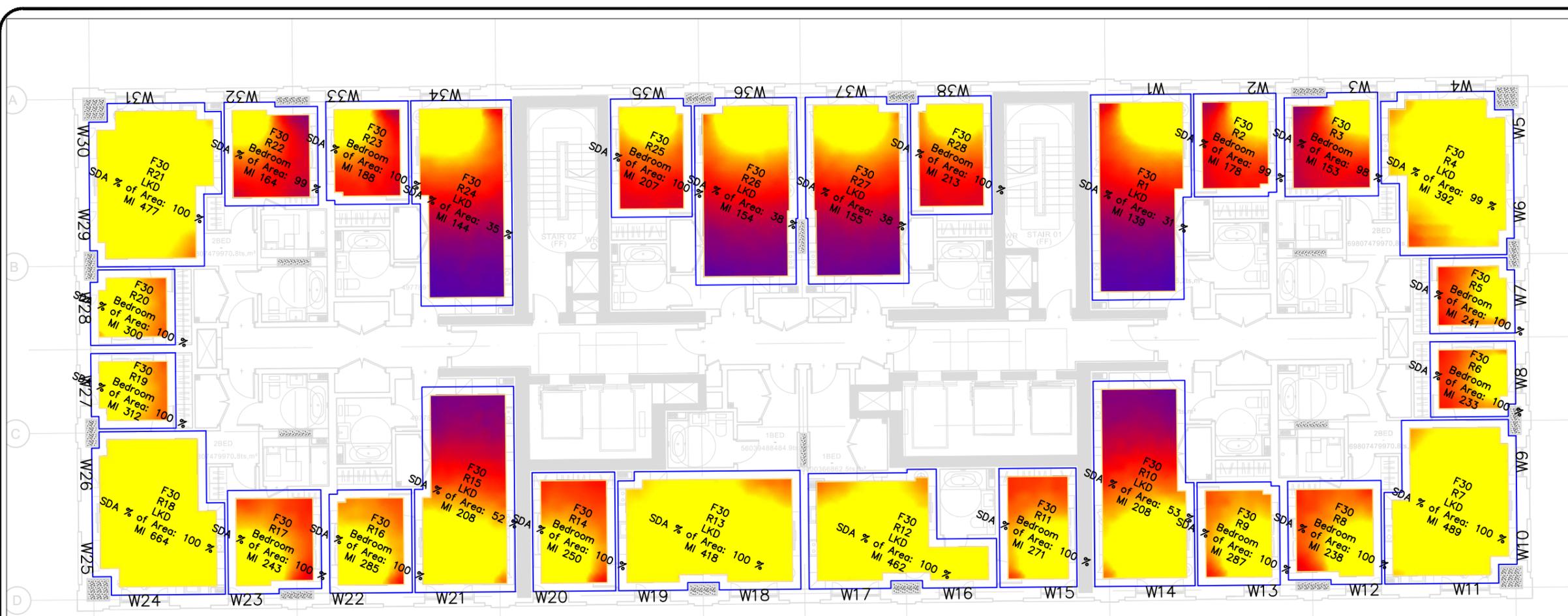


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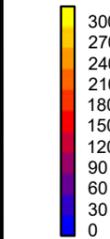
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SCHEME  
06159\_MODEL\_250709.DWG



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PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
SPATIAL DAYLIGHT AUTONOMY  
GREEN FINISHES

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DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL

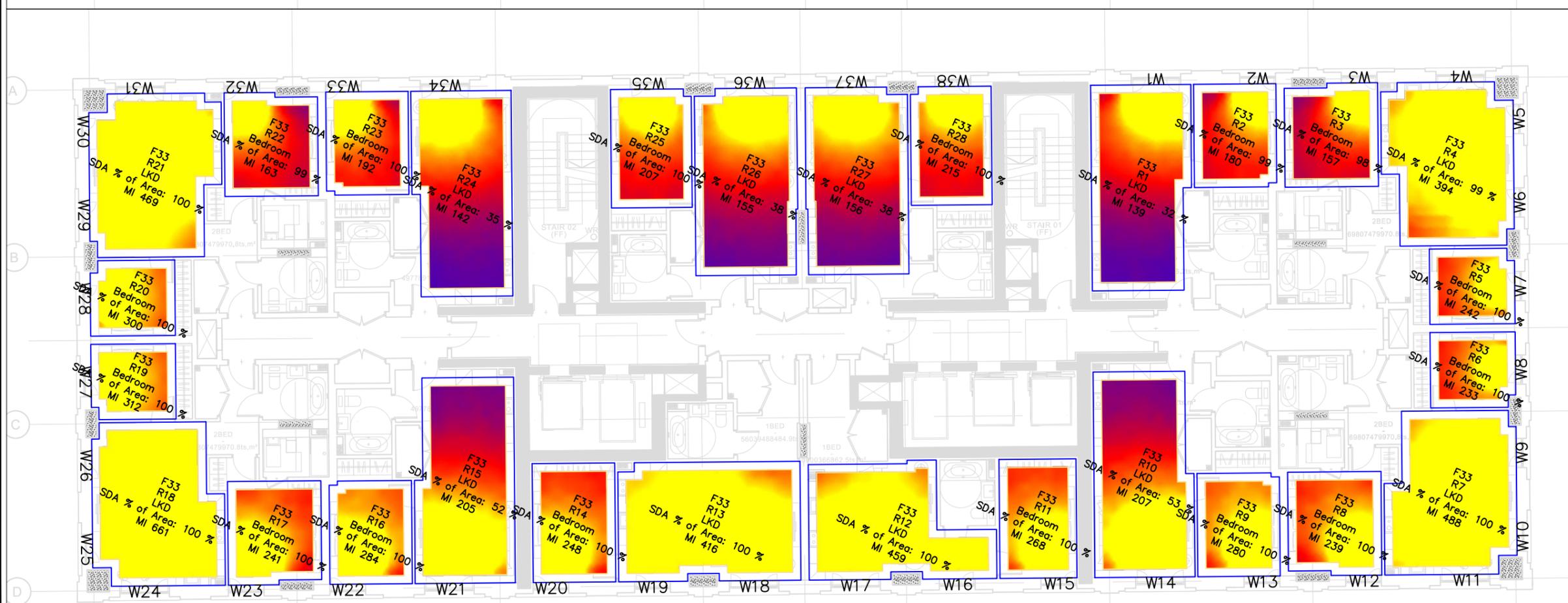
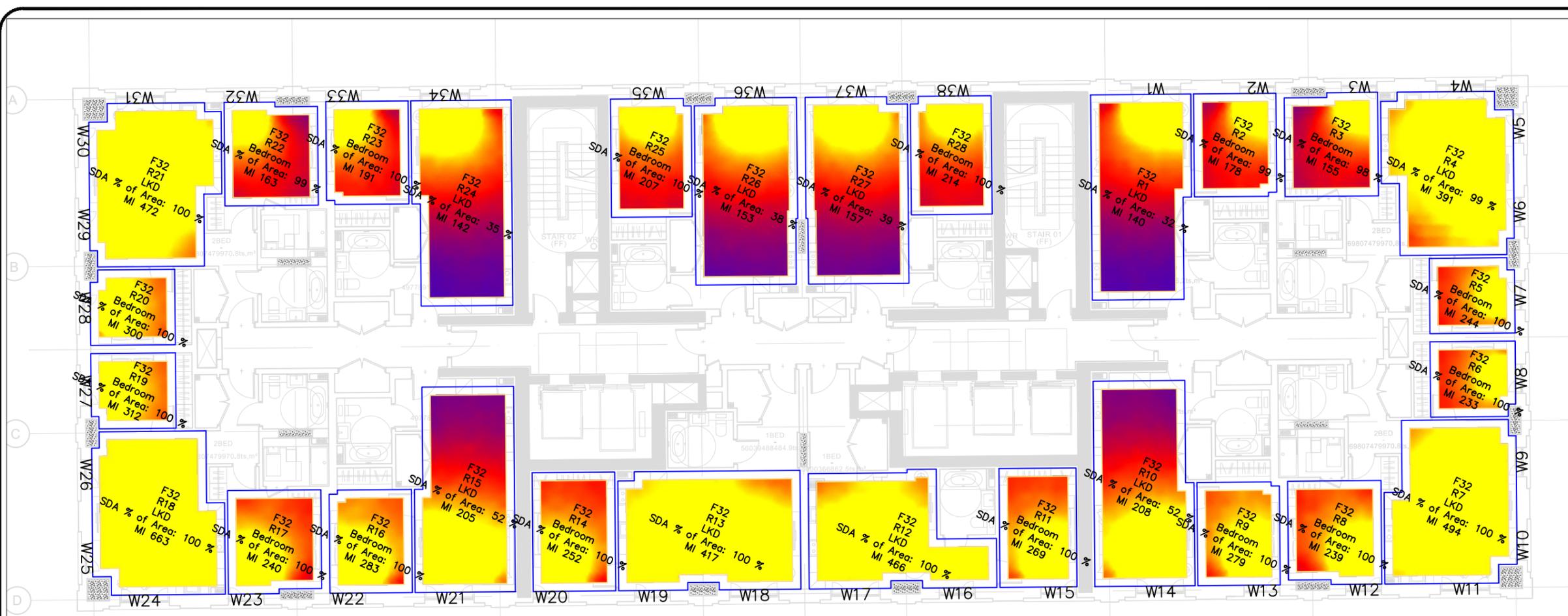


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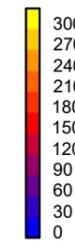
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SCHEME  
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PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
SPATIAL DAYLIGHT AUTONOMY  
GREEN FINISHES

JOB NO: 200	RELEASE: 04-01A	DRG NO: 514
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL

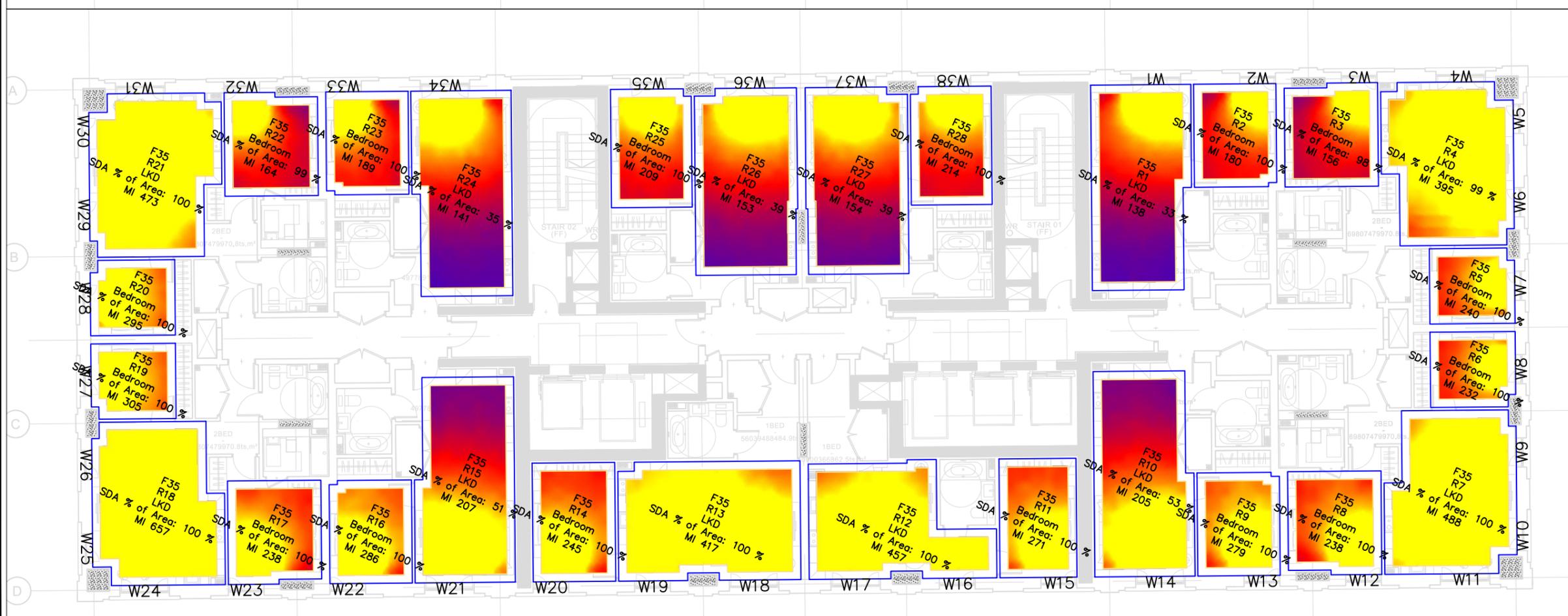
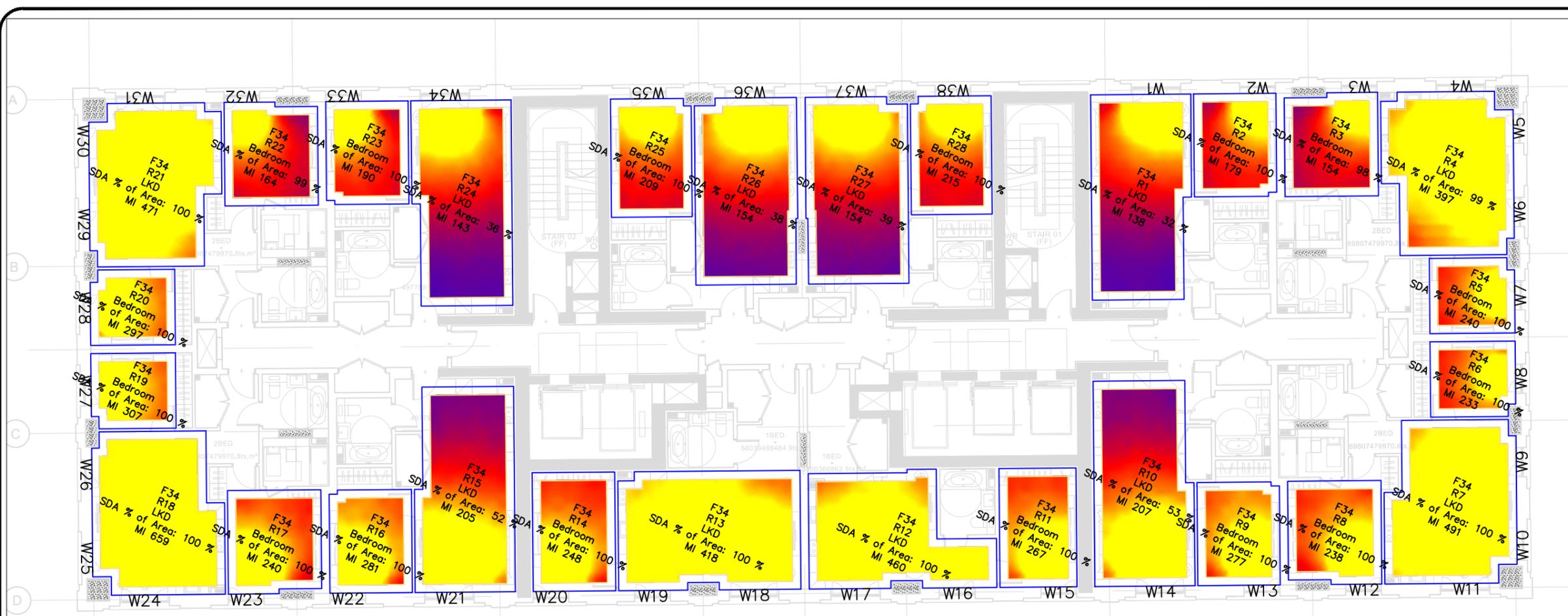


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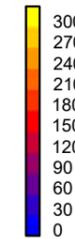
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SCHEME  
 06159\_MODEL\_250709.DWG



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PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 SPATIAL DAYLIGHT AUTONOMY  
 GREEN FINISHES

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DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL

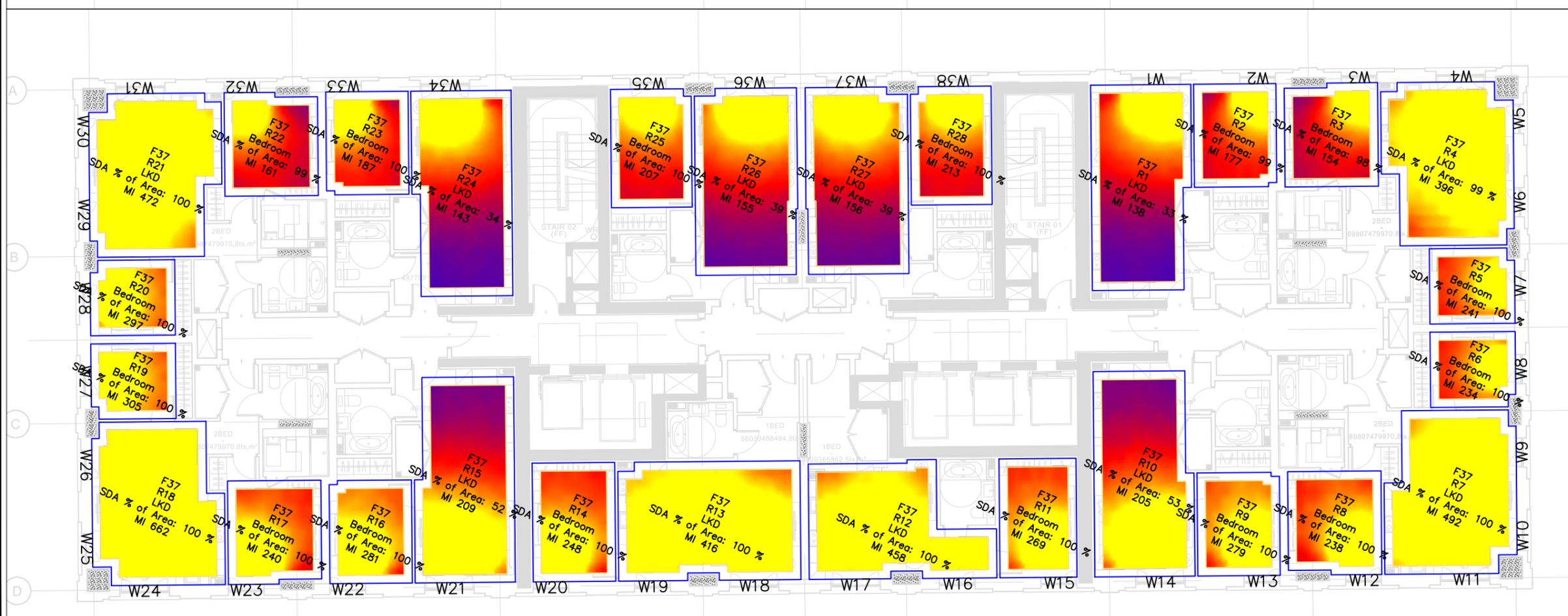
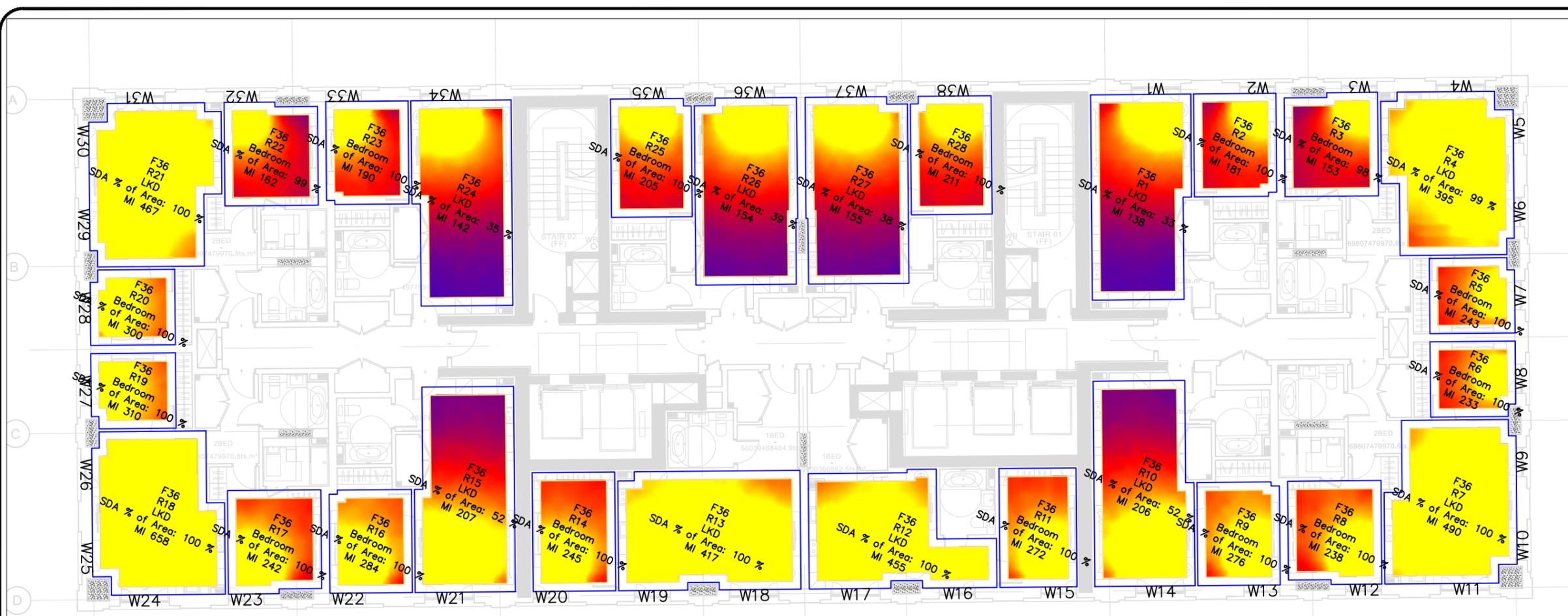


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MBS SURVEY MODEL  
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SCHEME  
 06159\_MODEL\_250709.DWG



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PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 SPATIAL DAYLIGHT AUTONOMY  
 GREEN FINISHES

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DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL

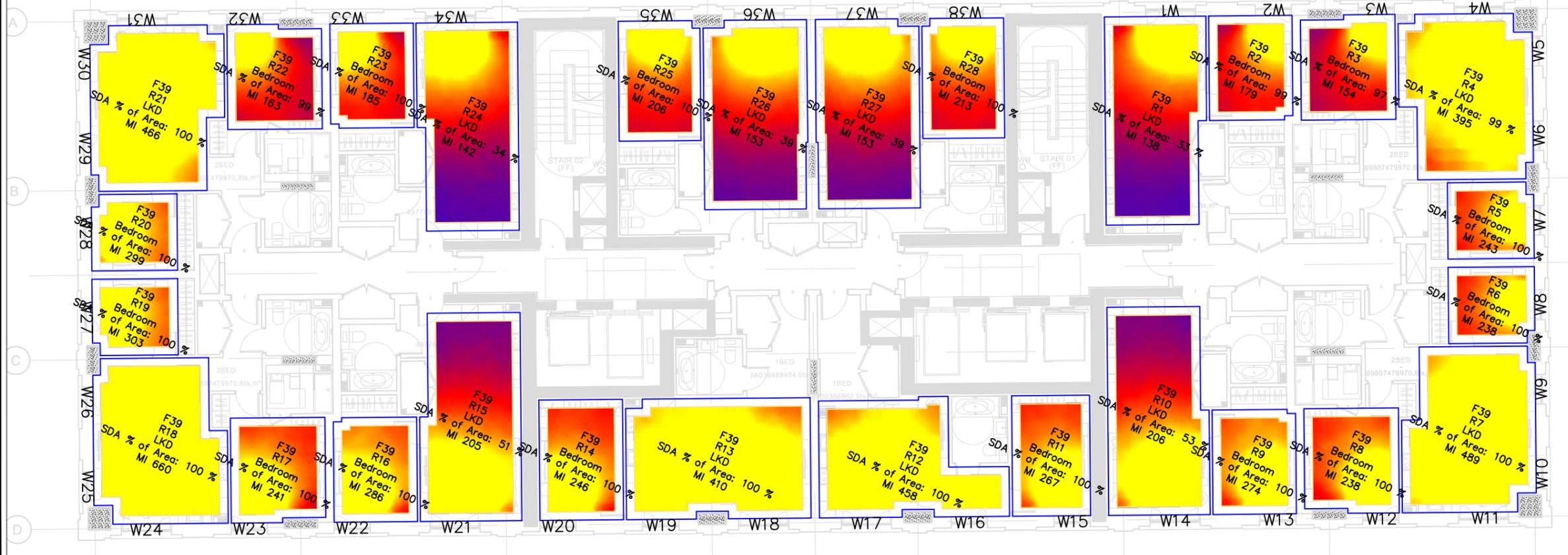
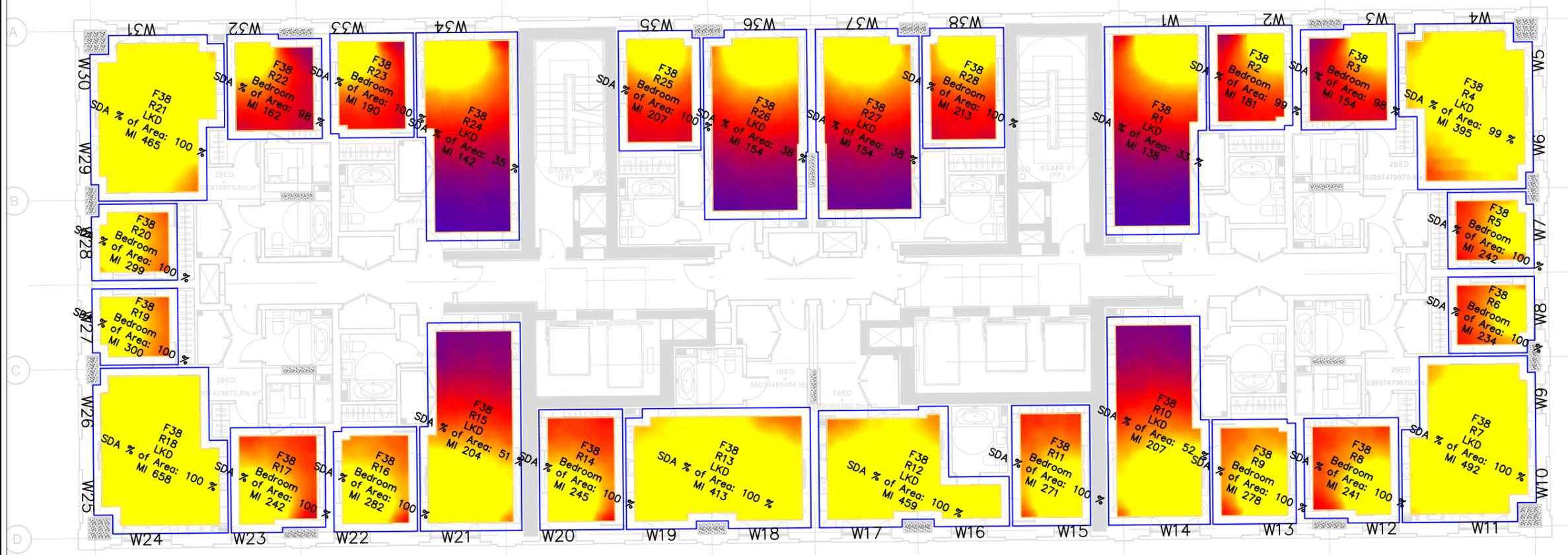


SOURCES OF INFORMATION:

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MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG



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REV:	DESCRIPTION:	BY:	DATE:

PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
SPATIAL DAYLIGHT AUTONOMY  
GREEN FINISHES

JOB NO: 200	RELEASE: 04-01A	DRG NO: 517
DATE: JUL '25	DRAWN: CS-01	SCALE: INDIVIDUAL

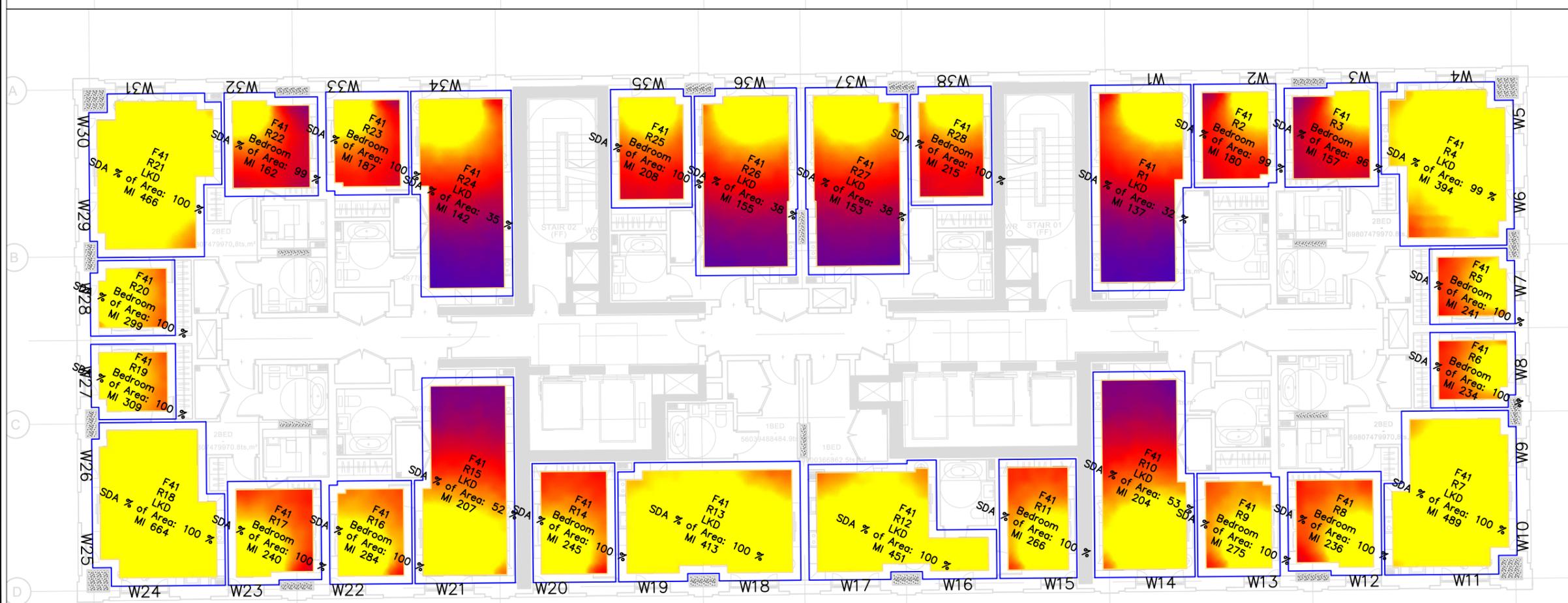
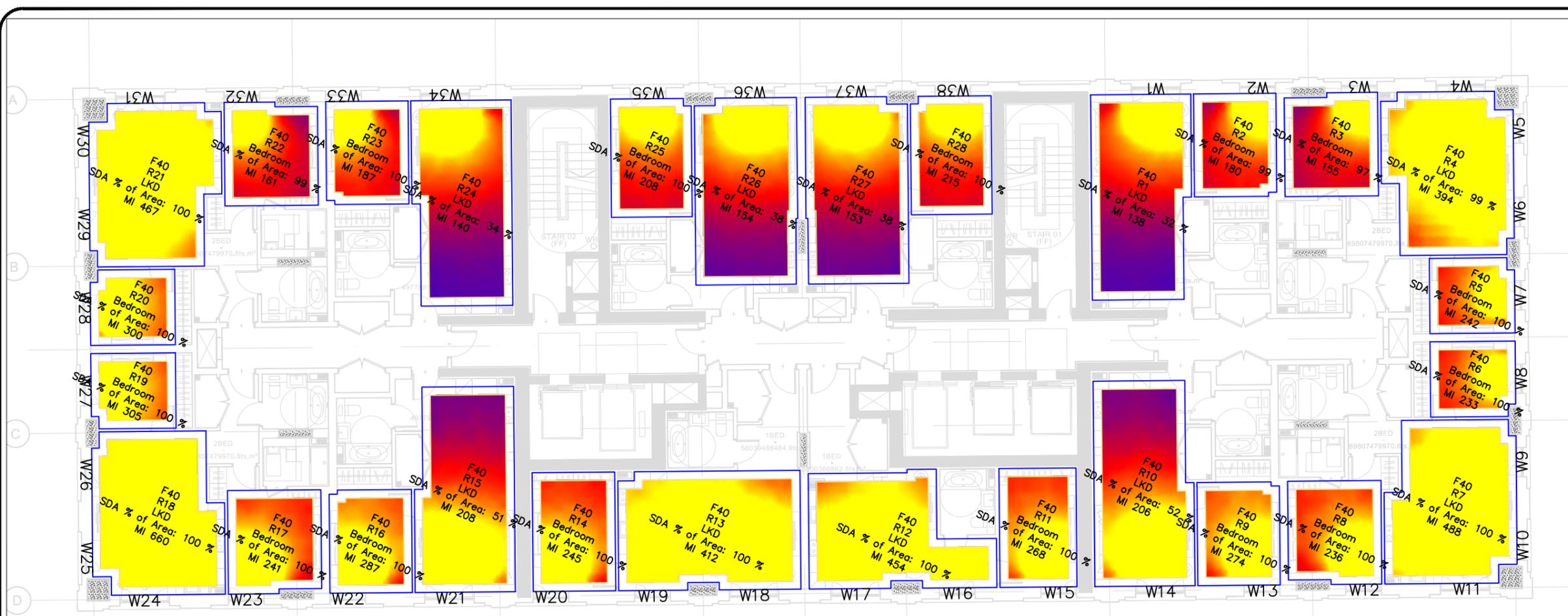


SOURCES OF INFORMATION:

3D CONTEXT MODEL  
ACCUCITIES MODEL  
004746\_CARDIFF\_HD\_MASTER.DWG

MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG



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		DATE

PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
SPATIAL DAYLIGHT AUTONOMY  
GREEN FINISHES

JOB NO:	RELEASE:	DRG NO:
200	04-01A	518
DATE:	DRAWN:	SCALE:
JUL' 25	CS-01	INDIVIDUAL

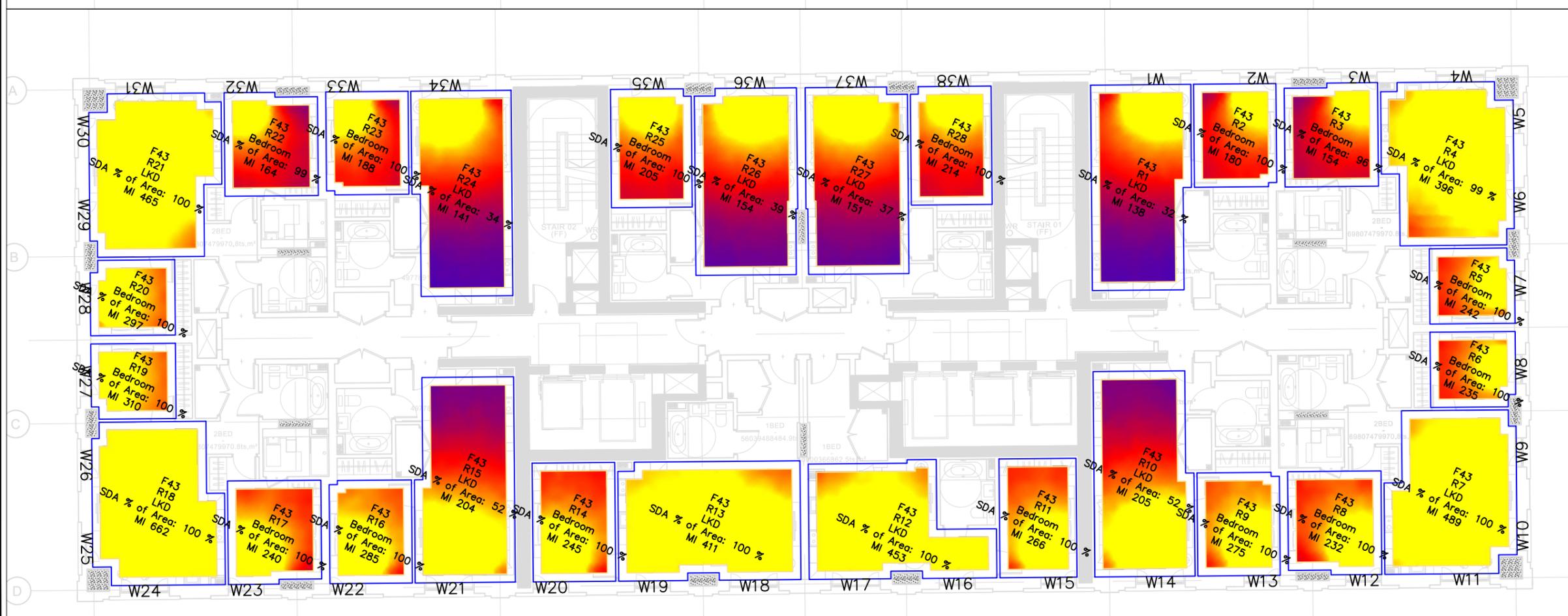
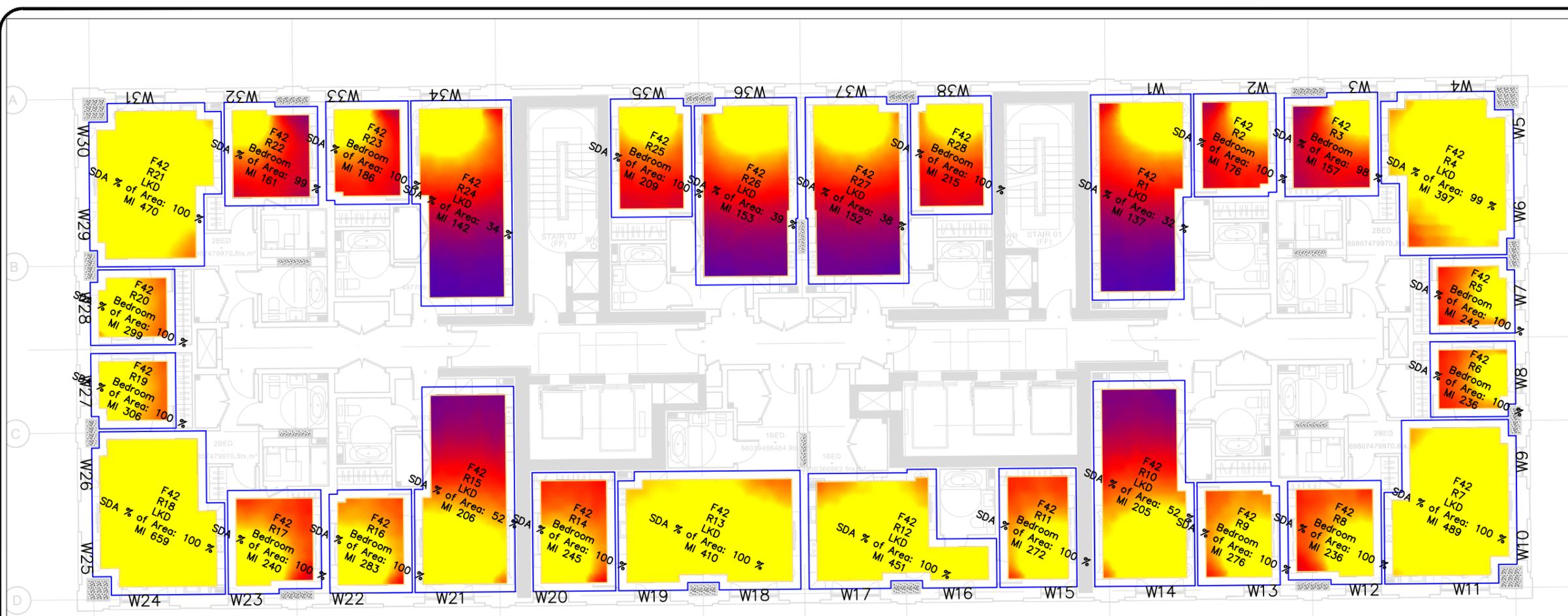


SOURCES OF INFORMATION:

3D CONTEXT MODEL  
ACCUCITIES MODEL  
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MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG



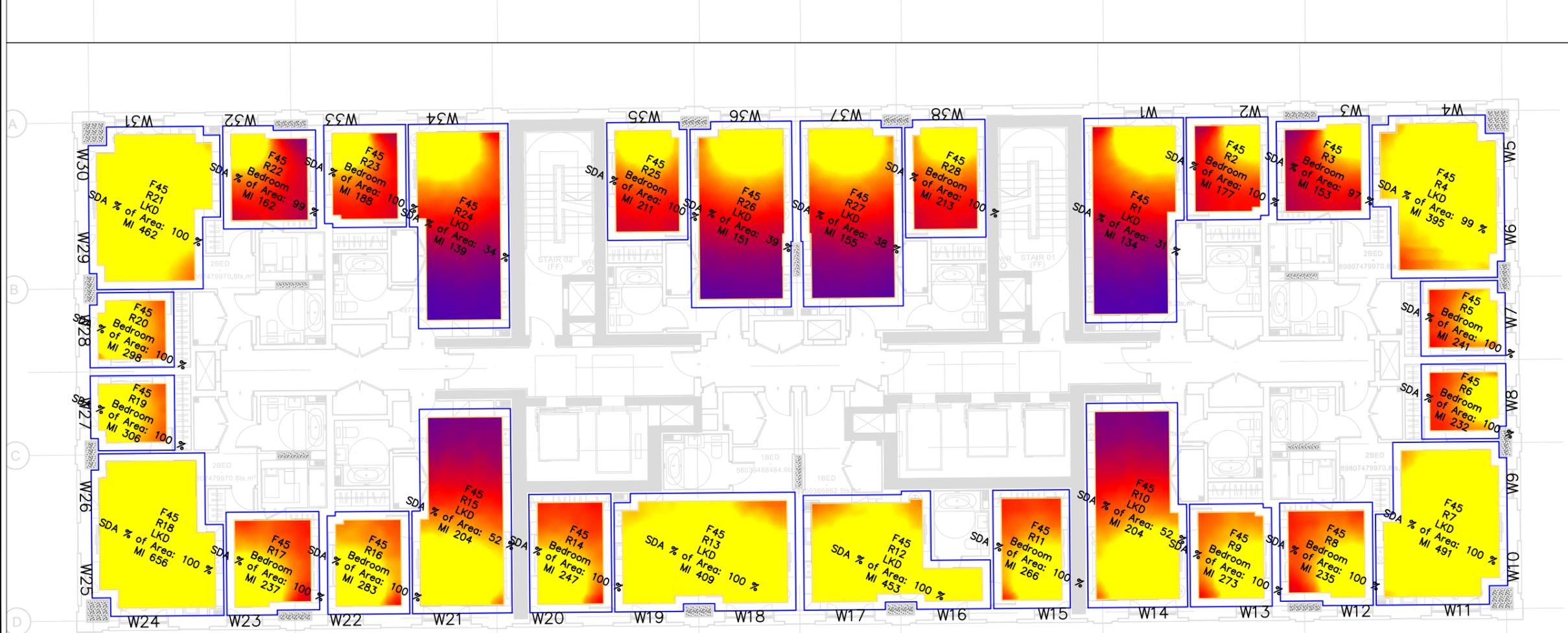
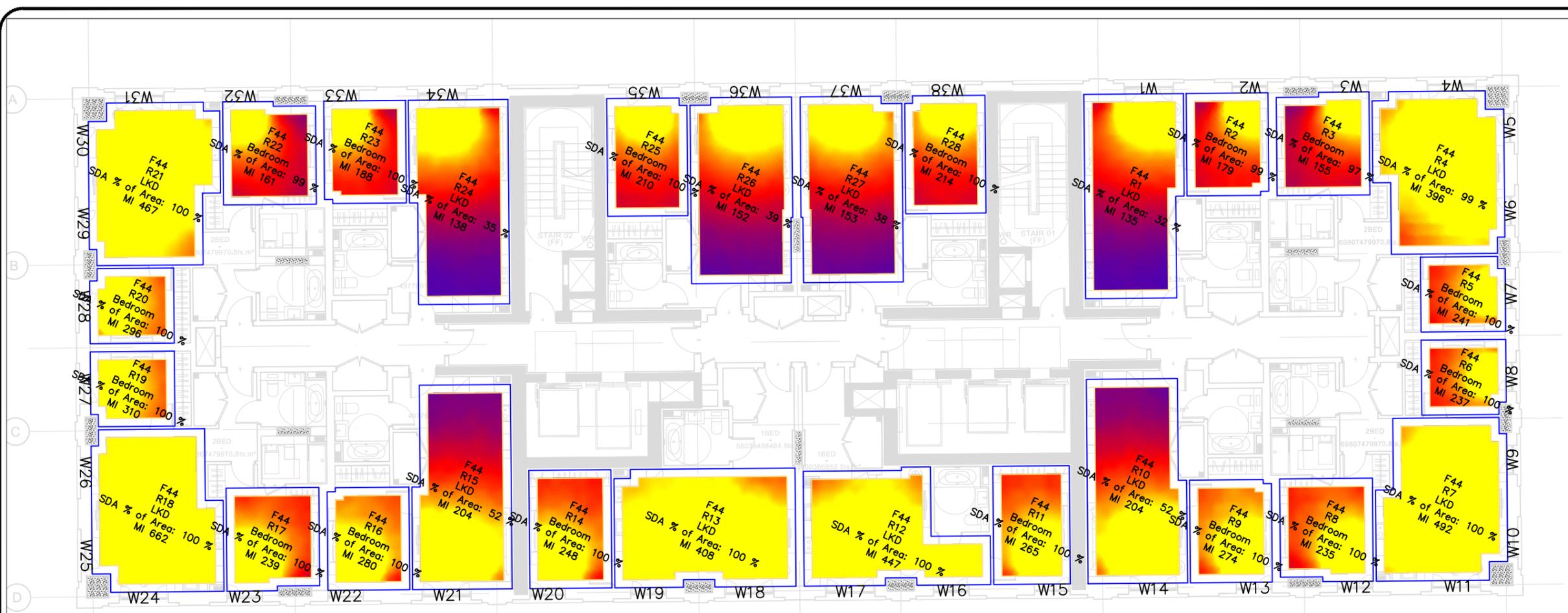
PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

TITLE:  
SPATIAL DAYLIGHT AUTONOMY  
GREEN FINISHES

JOB NO: 200	RELEASE: 04-01A	DRG NO: 519
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL



SOURCES OF INFORMATION:  
 3D CONTEXT MODEL  
 ACCUCITIES MODEL  
 004746\_CARDIFF\_HD\_MASTER.DWG  
 MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG  
 SCHEME  
 06159\_MODEL\_250709.DWG



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PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 SPATIAL DAYLIGHT AUTONOMY  
 GREEN FINISHES

JOB NO: 200	RELEASE: 04-01A	DRG NO: 520
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL

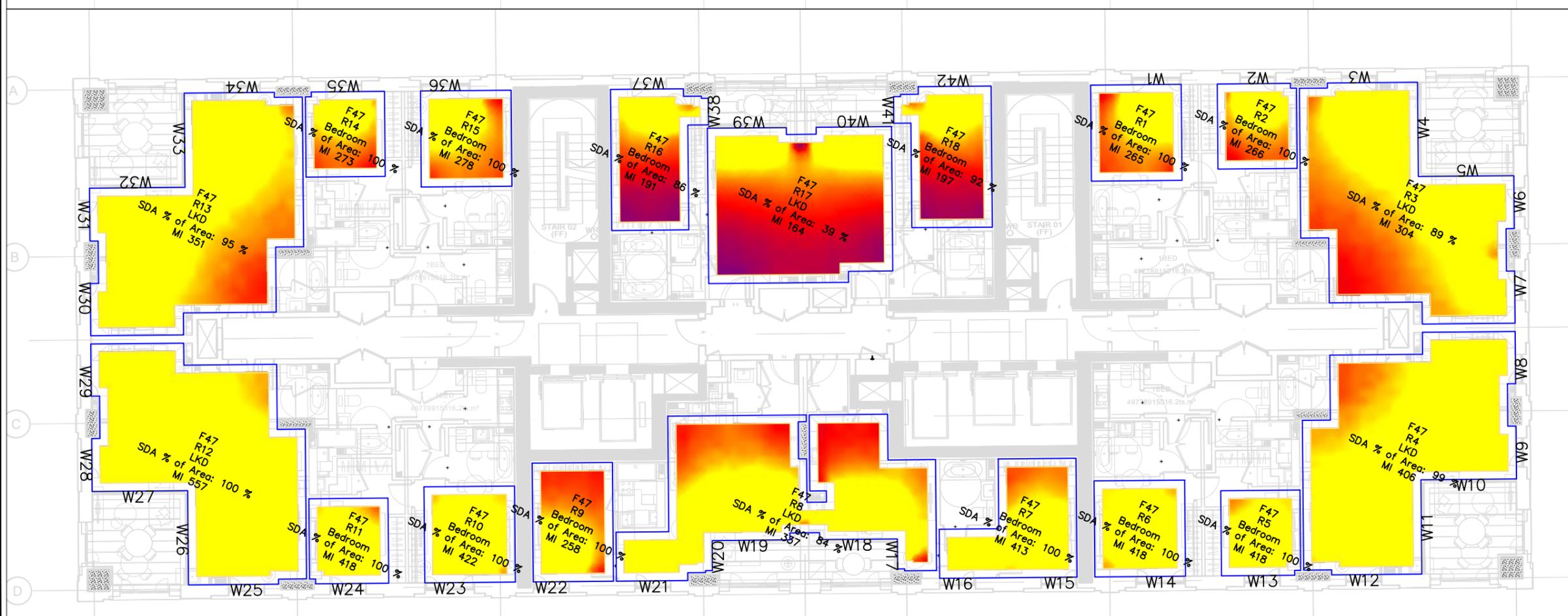
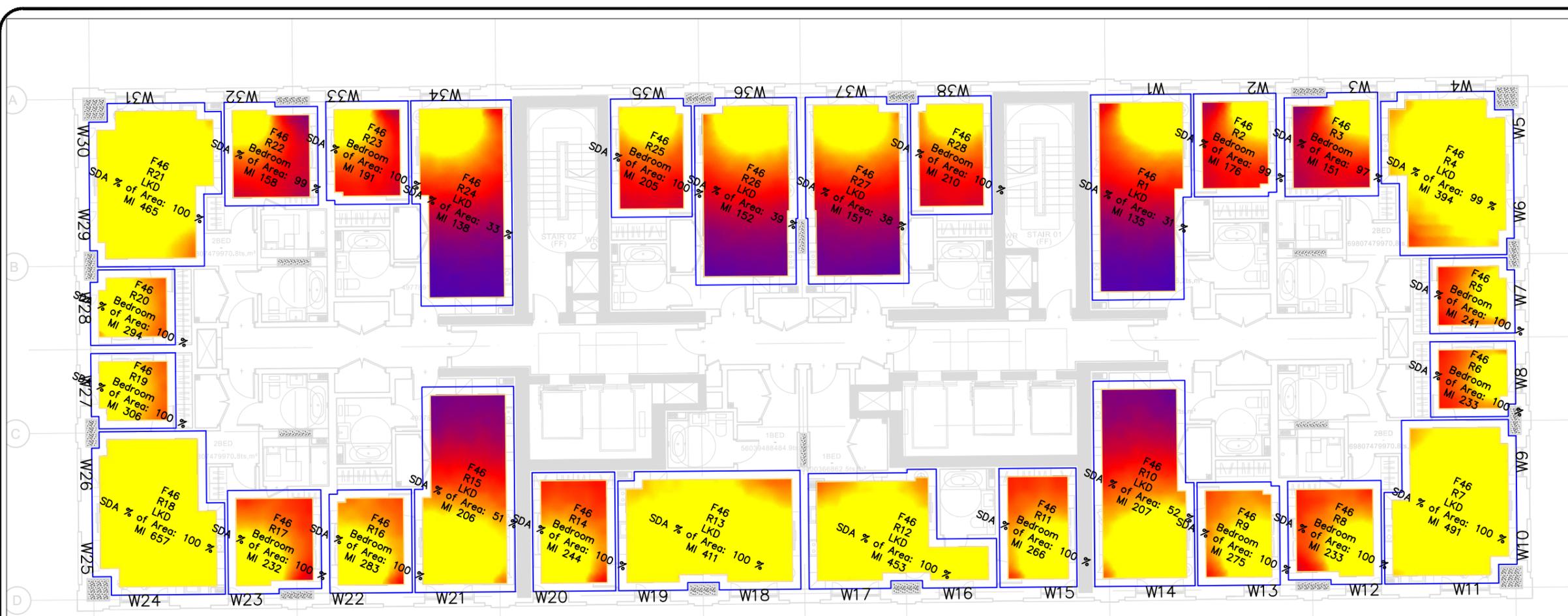


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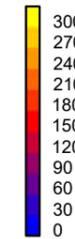
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MBS SURVEY MODEL  
MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG

SCHEME  
06159\_MODEL\_250709.DWG



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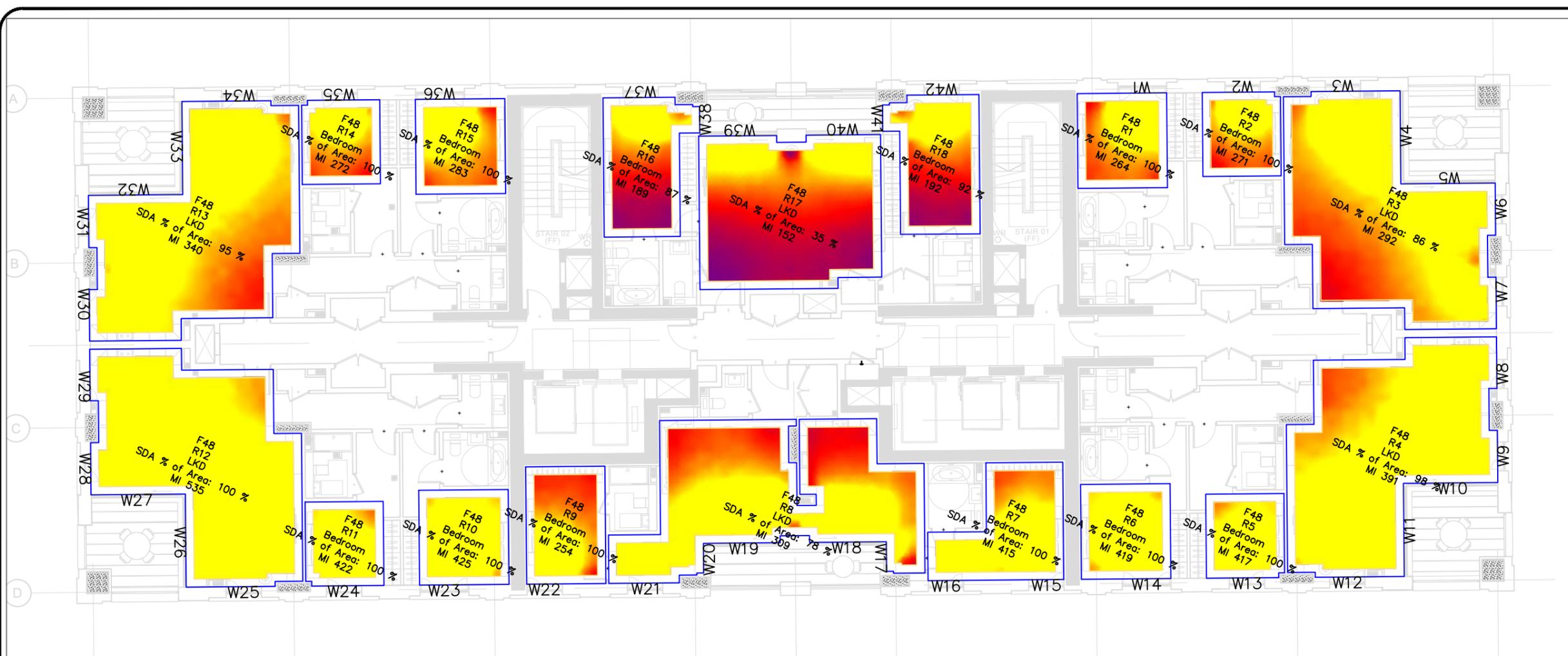
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PROJECT:  
PLOTS 4 AND 5, CENTRAL SQUARE  
CITY CENTRE, CARDIFF

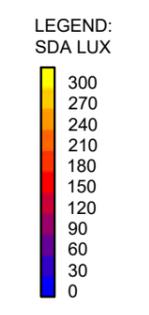
TITLE:  
SPATIAL DAYLIGHT AUTONOMY  
GREEN FINISHES

JOB NO: 200	RELEASE: 04-01A	DRG NO: 521
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL





SOURCES OF INFORMATION:  
 3D CONTEXT MODEL  
 ACCUCITIES MODEL  
 004746\_CARDIFF\_HD\_MASTER.DWG  
 MBS SURVEY MODEL  
 MBS25\_2364 CENTRAL SQUARE, CARDIFF.DWG  
 SCHEME  
 06159\_MODEL\_250709.DWG



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REV:	DESCRIPTION:	BY:   DATE:

PROJECT:  
 PLOTS 4 AND 5, CENTRAL SQUARE  
 CITY CENTRE, CARDIFF

TITLE:  
 SPATIAL DAYLIGHT AUTONOMY  
 GREEN FINISHES

JOB NO: 200	RELEASE: 04-01A	DRG NO: 522
DATE: JUL' 25	DRAWN: CS-01	SCALE: INDIVIDUAL



## Sunlight Exposure Analysis

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
<b>Central Square</b>								
F04	R1	Residential		LKD	W1	335°N	0	
							0	Failed
F04	R2	Residential		Bedroom	W2	335°N	0	
							0	Failed
F04	R3	Residential		Bedroom	W3	335°N	0	
							0	Failed
F04	R4	Residential		LKD	W4	335°N	0	
					W5	65°N	0.6	
					W6	65°N	0.6	
							0.6	Failed
F04	R5	Residential		Bedroom	W7	65°N	0.6	
							0.6	Failed
F04	R6	Residential		Bedroom	W8	65°N	0.6	
							0.6	Failed
F04	R7	Residential		LKD	W9	65°N	0.6	
					W10	65°N	0.6	
					W11	155°	6.7	
							6.7	High
F04	R8	Residential		Bedroom	W12	155°	6.2	
							6.2	High
F04	R9	Residential		Bedroom	W13	155°	6.3	
							6.3	High
F04	R10	Residential		LKD	W14	155°	6.7	
							6.7	High
F04	R11	Residential		Bedroom	W15	155°	6.3	
							6.3	High
F04	R12	Residential		LKD	W16	155°	6.3	
					W17	155°	6.7	
							6.7	High
F04	R13	Residential		LKD	W18	155°	6.7	
					W19	155°	6.3	
							6.7	High
F04	R14	Residential		Bedroom	W20	155°	6.3	
							6.3	High
F04	R15	Residential		LKD	W21	155°	6.7	
							6.7	High
F04	R16	Residential		Bedroom	W22	155°	6.3	
							6.3	High
F04	R17	Residential		Bedroom	W23	156°	6.2	
							6.2	High
F04	R18	Residential		LKD	W24	155°	6.7	
					W25	245°	2.3	
					W26	245°	1.4	
							8	High
F04	R19	Residential		Bedroom	W27	245°	0.7	
							0.7	Failed
F04	R20	Residential		Bedroom	W28	245°	0.2	
							0.2	Failed
F04	R21	Residential		LKD	W29	245°	0	
					W30	245°	0	
					W31	335°N	0	
							0	Failed
F04	R22	Residential		Bedroom	W32	336°N	0	
							0	Failed
F04	R23	Residential		Bedroom	W33	335°N	0	
							0	Failed
F04	R24	Residential		LKD	W34	335°N	0	
							0	Failed
F04	R25	Residential		Bedroom	W35	335°N	0	
							0	Failed
F04	R26	Residential		LKD	W36	335°N	0	
							0	Failed
F04	R27	Residential		LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F04	R28		Residential	Bedroom	W38	335°N	0	Failed
F05	R1		Residential	LKD	W1	335°N	0	Failed
F05	R2		Residential	Bedroom	W2	335°N	0	Failed
F05	R3		Residential	Bedroom	W3	335°N	0	Failed
F05	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F05	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F05	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F05	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F05	R8		Residential	Bedroom	W12	155°	6.2	High
F05	R9		Residential	Bedroom	W13	155°	6.3	High
F05	R10		Residential	LKD	W14	155°	6.7	High
F05	R11		Residential	Bedroom	W15	155°	6.3	High
F05	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F05	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F05	R14		Residential	Bedroom	W20	155°	6.3	High
F05	R15		Residential	LKD	W21	155°	6.7	High
F05	R16		Residential	Bedroom	W22	155°	6.3	High
F05	R17		Residential	Bedroom	W23	156°	6.2	High
F05	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	2.3	
					W26	245°	1.4	
F05	R19		Residential	Bedroom	W27	245°	0.7	Failed
F05	R20		Residential	Bedroom	W28	245°	0.6	Failed
F05	R21		Residential	LKD	W29	245°	0.7	Failed
					W30	245°	0.7	
					W31	335°N	0	
F05	R22		Residential	Bedroom	W32	336°N	0	Failed
F05	R23		Residential	Bedroom	W33	335°N	0	Failed
F05	R24		Residential	LKD	W34	335°N	0	Failed
F05	R25		Residential	Bedroom	W35	335°N	0	Failed
F05	R26		Residential	LKD	W36	335°N	0	Failed
F05	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F05	R28		Residential	Bedroom	W38	335°N	0	Failed
F06	R1		Residential	LKD	W1	335°N	0	Failed
F06	R2		Residential	Bedroom	W2	335°N	0	Failed
F06	R3		Residential	Bedroom	W3	335°N	0	Failed
F06	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F06	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F06	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F06	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F06	R8		Residential	Bedroom	W12	155°	6.2	High
F06	R9		Residential	Bedroom	W13	155°	6.3	High
F06	R10		Residential	LKD	W14	155°	6.7	High
F06	R11		Residential	Bedroom	W15	155°	6.3	High
F06	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F06	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F06	R14		Residential	Bedroom	W20	155°	6.3	High
F06	R15		Residential	LKD	W21	155°	6.7	High
F06	R16		Residential	Bedroom	W22	155°	6.3	High
F06	R17		Residential	Bedroom	W23	156°	6.2	High
F06	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	2.3	
					W26	245°	1.6	
F06	R19		Residential	Bedroom	W27	245°	8	High
F06	R20		Residential	Bedroom	W28	245°	1.6	Minimum
F06	R21		Residential	LKD	W29	245°	1.6	Minimum
					W30	245°	1.6	
					W31	335°N	0	
F06	R22		Residential	Bedroom	W32	336°N	0	Failed
F06	R23		Residential	Bedroom	W33	335°N	0	Failed
F06	R24		Residential	LKD	W34	335°N	0	Failed
F06	R25		Residential	Bedroom	W35	335°N	0	Failed
F06	R26		Residential	LKD	W36	335°N	0	Failed
F06	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F06	R28		Residential	Bedroom	W38	335°N	0	Failed
F07	R1		Residential	LKD	W1	335°N	0	Failed
F07	R2		Residential	Bedroom	W2	335°N	0	Failed
F07	R3		Residential	Bedroom	W3	335°N	0	Failed
F07	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F07	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F07	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F07	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F07	R8		Residential	Bedroom	W12	155°	6.2	High
F07	R9		Residential	Bedroom	W13	155°	6.3	High
F07	R10		Residential	LKD	W14	155°	6.7	High
F07	R11		Residential	Bedroom	W15	155°	6.3	High
F07	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F07	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F07	R14		Residential	Bedroom	W20	155°	6.3	High
F07	R15		Residential	LKD	W21	155°	6.7	High
F07	R16		Residential	Bedroom	W22	155°	6.3	High
F07	R17		Residential	Bedroom	W23	156°	6.2	High
F07	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	2.9	
					W26	245°	2.9	
F07	R19		Residential	Bedroom	W27	245°	2.9	Minimum
F07	R20		Residential	Bedroom	W28	245°	2.9	Minimum
F07	R21		Residential	LKD	W29	245°	2.9	Minimum
					W30	245°	2.9	
					W31	335°N	0	
F07	R22		Residential	Bedroom	W32	336°N	0	Failed
F07	R23		Residential	Bedroom	W33	335°N	0	Failed
F07	R24		Residential	LKD	W34	335°N	0	Failed
F07	R25		Residential	Bedroom	W35	335°N	0	Failed
F07	R26		Residential	LKD	W36	335°N	0	Failed
F07	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F07	R28		Residential	Bedroom	W38	335°N	0	Failed
F08	R1		Residential	LKD	W1	335°N	0	Failed
F08	R2		Residential	Bedroom	W2	335°N	0	Failed
F08	R3		Residential	Bedroom	W3	335°N	0	Failed
F08	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F08	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F08	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F08	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F08	R8		Residential	Bedroom	W12	155°	6.2	High
F08	R9		Residential	Bedroom	W13	155°	6.3	High
F08	R10		Residential	LKD	W14	155°	6.7	High
F08	R11		Residential	Bedroom	W15	155°	6.3	High
F08	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F08	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F08	R14		Residential	Bedroom	W20	155°	6.3	High
F08	R15		Residential	LKD	W21	155°	6.7	High
F08	R16		Residential	Bedroom	W22	155°	6.3	High
F08	R17		Residential	Bedroom	W23	156°	6.2	High
F08	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F08	R19		Residential	Bedroom	W27	245°	3.8	Medium
F08	R20		Residential	Bedroom	W28	245°	3.8	Medium
F08	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F08	R22		Residential	Bedroom	W32	336°N	0	Failed
F08	R23		Residential	Bedroom	W33	335°N	0	Failed
F08	R24		Residential	LKD	W34	335°N	0	Failed
F08	R25		Residential	Bedroom	W35	335°N	0	Failed
F08	R26		Residential	LKD	W36	335°N	0	Failed
F08	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F08	R28		Residential	Bedroom	W38	335°N	0	Failed
F09	R1		Residential	LKD	W1	335°N	0	Failed
F09	R2		Residential	Bedroom	W2	335°N	0	Failed
F09	R3		Residential	Bedroom	W3	335°N	0	Failed
F09	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F09	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F09	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F09	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F09	R8		Residential	Bedroom	W12	155°	6.2	High
F09	R9		Residential	Bedroom	W13	155°	6.3	High
F09	R10		Residential	LKD	W14	155°	6.7	High
F09	R11		Residential	Bedroom	W15	155°	6.3	High
F09	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F09	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F09	R14		Residential	Bedroom	W20	155°	6.3	High
F09	R15		Residential	LKD	W21	155°	6.7	High
F09	R16		Residential	Bedroom	W22	155°	6.3	High
F09	R17		Residential	Bedroom	W23	156°	6.2	High
F09	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F09	R19		Residential	Bedroom	W27	245°	3.8	Medium
F09	R20		Residential	Bedroom	W28	245°	3.8	Medium
F09	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F09	R22		Residential	Bedroom	W32	336°N	0	Failed
F09	R23		Residential	Bedroom	W33	335°N	0	Failed
F09	R24		Residential	LKD	W34	335°N	0	Failed
F09	R25		Residential	Bedroom	W35	335°N	0	Failed
F09	R26		Residential	LKD	W36	335°N	0	Failed
F09	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F09	R28		Residential	Bedroom	W38	335°N	0	Failed
F10	R1		Residential	LKD	W1	335°N	0	Failed
F10	R2		Residential	Bedroom	W2	335°N	0	Failed
F10	R3		Residential	Bedroom	W3	335°N	0	Failed
F10	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F10	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F10	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F10	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F10	R8		Residential	Bedroom	W12	155°	6.2	High
F10	R9		Residential	Bedroom	W13	155°	6.3	High
F10	R10		Residential	LKD	W14	155°	6.7	High
F10	R11		Residential	Bedroom	W15	155°	6.3	High
F10	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F10	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F10	R14		Residential	Bedroom	W20	155°	6.3	High
F10	R15		Residential	LKD	W21	155°	6.7	High
F10	R16		Residential	Bedroom	W22	155°	6.3	High
F10	R17		Residential	Bedroom	W23	156°	6.2	High
F10	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F10	R19		Residential	Bedroom	W27	245°	3.8	Medium
F10	R20		Residential	Bedroom	W28	245°	3.8	Medium
F10	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F10	R22		Residential	Bedroom	W32	336°N	0	Failed
F10	R23		Residential	Bedroom	W33	335°N	0	Failed
F10	R24		Residential	LKD	W34	335°N	0	Failed
F10	R25		Residential	Bedroom	W35	335°N	0	Failed
F10	R26		Residential	LKD	W36	335°N	0	Failed
F10	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F10	R28		Residential	Bedroom	W38	335°N	0	Failed
F11	R1		Residential	LKD	W1	335°N	0	Failed
F11	R2		Residential	Bedroom	W2	335°N	0	Failed
F11	R3		Residential	Bedroom	W3	335°N	0	Failed
F11	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F11	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F11	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F11	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F11	R8		Residential	Bedroom	W12	155°	6.2	High
F11	R9		Residential	Bedroom	W13	155°	6.3	High
F11	R10		Residential	LKD	W14	155°	6.7	High
F11	R11		Residential	Bedroom	W15	155°	6.3	High
F11	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F11	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F11	R14		Residential	Bedroom	W20	155°	6.3	High
F11	R15		Residential	LKD	W21	155°	6.7	High
F11	R16		Residential	Bedroom	W22	155°	6.3	High
F11	R17		Residential	Bedroom	W23	156°	6.2	High
F11	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F11	R19		Residential	Bedroom	W27	245°	3.8	Medium
F11	R20		Residential	Bedroom	W28	245°	3.8	Medium
F11	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F11	R22		Residential	Bedroom	W32	336°N	0	Failed
F11	R23		Residential	Bedroom	W33	335°N	0	Failed
F11	R24		Residential	LKD	W34	335°N	0	Failed
F11	R25		Residential	Bedroom	W35	335°N	0	Failed
F11	R26		Residential	LKD	W36	335°N	0	Failed
F11	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F11	R28		Residential	Bedroom	W38	335°N	0	Failed
							0	Failed
F12	R1		Residential	LKD	W1	335°N	0	Failed
							0	Failed
F12	R2		Residential	Bedroom	W2	335°N	0	Failed
							0	Failed
F12	R3		Residential	Bedroom	W3	335°N	0	Failed
							0	Failed
F12	R4		Residential	LKD	W4	335°N	0	
					W5	65°N	0.6	
					W6	65°N	0.6	
							0.6	Failed
F12	R5		Residential	Bedroom	W7	65°N	0.6	
							0.6	Failed
F12	R6		Residential	Bedroom	W8	65°N	0.6	
							0.6	Failed
F12	R7		Residential	LKD	W9	65°N	0.6	
					W10	65°N	0.6	
					W11	155°	6.7	
							6.7	High
F12	R8		Residential	Bedroom	W12	155°	6.2	
							6.2	High
F12	R9		Residential	Bedroom	W13	155°	6.3	
							6.3	High
F12	R10		Residential	LKD	W14	155°	6.7	
							6.7	High
F12	R11		Residential	Bedroom	W15	155°	6.3	
							6.3	High
F12	R12		Residential	LKD	W16	155°	6.3	
					W17	155°	6.7	
							6.7	High
F12	R13		Residential	LKD	W18	155°	6.7	
					W19	155°	6.3	
							6.7	High
F12	R14		Residential	Bedroom	W20	155°	6.3	
							6.3	High
F12	R15		Residential	LKD	W21	155°	6.7	
							6.7	High
F12	R16		Residential	Bedroom	W22	155°	6.3	
							6.3	High
F12	R17		Residential	Bedroom	W23	156°	6.2	
							6.2	High
F12	R18		Residential	LKD	W24	155°	6.7	
					W25	245°	3.8	
					W26	245°	3.8	
							9.5	High
F12	R19		Residential	Bedroom	W27	245°	3.8	
							3.8	Medium
F12	R20		Residential	Bedroom	W28	245°	3.8	
							3.8	Medium
F12	R21		Residential	LKD	W29	245°	3.8	
					W30	245°	3.8	
					W31	335°N	0	
							3.8	Medium
F12	R22		Residential	Bedroom	W32	336°N	0	
							0	Failed
F12	R23		Residential	Bedroom	W33	335°N	0	
							0	Failed
F12	R24		Residential	LKD	W34	335°N	0	
							0	Failed
F12	R25		Residential	Bedroom	W35	335°N	0	
							0	Failed
F12	R26		Residential	LKD	W36	335°N	0	
							0	Failed
F12	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F12	R28		Residential	Bedroom	W38	335°N	0	Failed
F13	R1		Residential	LKD	W1	335°N	0	Failed
F13	R2		Residential	Bedroom	W2	335°N	0	Failed
F13	R3		Residential	Bedroom	W3	335°N	0	Failed
F13	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F13	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F13	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F13	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F13	R8		Residential	Bedroom	W12	155°	6.2	High
F13	R9		Residential	Bedroom	W13	155°	6.3	High
F13	R10		Residential	LKD	W14	155°	6.7	High
F13	R11		Residential	Bedroom	W15	155°	6.3	High
F13	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F13	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F13	R14		Residential	Bedroom	W20	155°	6.3	High
F13	R15		Residential	LKD	W21	155°	6.7	High
F13	R16		Residential	Bedroom	W22	155°	6.3	High
F13	R17		Residential	Bedroom	W23	156°	6.2	High
F13	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F13	R19		Residential	Bedroom	W27	245°	3.8	Medium
F13	R20		Residential	Bedroom	W28	245°	3.8	Medium
F13	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F13	R22		Residential	Bedroom	W32	336°N	0	Failed
F13	R23		Residential	Bedroom	W33	335°N	0	Failed
F13	R24		Residential	LKD	W34	335°N	0	Failed
F13	R25		Residential	Bedroom	W35	335°N	0	Failed
F13	R26		Residential	LKD	W36	335°N	0	Failed
F13	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F13	R28		Residential	Bedroom	W38	335°N	0	Failed
F14	R1		Residential	LKD	W1	335°N	0	Failed
F14	R2		Residential	Bedroom	W2	335°N	0	Failed
F14	R3		Residential	Bedroom	W3	335°N	0	Failed
F14	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F14	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F14	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F14	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F14	R8		Residential	Bedroom	W12	155°	6.2	High
F14	R9		Residential	Bedroom	W13	155°	6.3	High
F14	R10		Residential	LKD	W14	155°	6.7	High
F14	R11		Residential	Bedroom	W15	155°	6.3	High
F14	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F14	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F14	R14		Residential	Bedroom	W20	155°	6.3	High
F14	R15		Residential	LKD	W21	155°	6.7	High
F14	R16		Residential	Bedroom	W22	155°	6.3	High
F14	R17		Residential	Bedroom	W23	156°	6.2	High
F14	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F14	R19		Residential	Bedroom	W27	245°	3.8	Medium
F14	R20		Residential	Bedroom	W28	245°	3.8	Medium
F14	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F14	R22		Residential	Bedroom	W32	336°N	0	Failed
F14	R23		Residential	Bedroom	W33	335°N	0	Failed
F14	R24		Residential	LKD	W34	335°N	0	Failed
F14	R25		Residential	Bedroom	W35	335°N	0	Failed
F14	R26		Residential	LKD	W36	335°N	0	Failed
F14	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F14	R28		Residential	Bedroom	W38	335°N	0	Failed
F15	R1		Residential	LKD	W1	335°N	0	Failed
F15	R2		Residential	Bedroom	W2	335°N	0	Failed
F15	R3		Residential	Bedroom	W3	335°N	0	Failed
F15	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F15	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F15	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F15	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F15	R8		Residential	Bedroom	W12	155°	6.2	High
F15	R9		Residential	Bedroom	W13	155°	6.3	High
F15	R10		Residential	LKD	W14	155°	6.7	High
F15	R11		Residential	Bedroom	W15	155°	6.3	High
F15	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F15	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F15	R14		Residential	Bedroom	W20	155°	6.3	High
F15	R15		Residential	LKD	W21	155°	6.7	High
F15	R16		Residential	Bedroom	W22	155°	6.3	High
F15	R17		Residential	Bedroom	W23	156°	6.2	High
F15	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F15	R19		Residential	Bedroom	W27	245°	3.8	Medium
F15	R20		Residential	Bedroom	W28	245°	3.8	Medium
F15	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F15	R22		Residential	Bedroom	W32	336°N	0	Failed
F15	R23		Residential	Bedroom	W33	335°N	0	Failed
F15	R24		Residential	LKD	W34	335°N	0	Failed
F15	R25		Residential	Bedroom	W35	335°N	0	Failed
F15	R26		Residential	LKD	W36	335°N	0	Failed
F15	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F15	R28		Residential	Bedroom	W38	335°N	0	Failed
F16	R1		Residential	LKD	W1	335°N	0	Failed
F16	R2		Residential	Bedroom	W2	335°N	0	Failed
F16	R3		Residential	Bedroom	W3	335°N	0	Failed
F16	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F16	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F16	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F16	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F16	R8		Residential	Bedroom	W12	155°	6.2	High
F16	R9		Residential	Bedroom	W13	155°	6.3	High
F16	R10		Residential	LKD	W14	155°	6.7	High
F16	R11		Residential	Bedroom	W15	155°	6.3	High
F16	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F16	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F16	R14		Residential	Bedroom	W20	155°	6.3	High
F16	R15		Residential	LKD	W21	155°	6.7	High
F16	R16		Residential	Bedroom	W22	155°	6.3	High
F16	R17		Residential	Bedroom	W23	156°	6.2	High
F16	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F16	R19		Residential	Bedroom	W27	245°	3.8	Medium
F16	R20		Residential	Bedroom	W28	245°	3.8	Medium
F16	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F16	R22		Residential	Bedroom	W32	336°N	0	Failed
F16	R23		Residential	Bedroom	W33	335°N	0	Failed
F16	R24		Residential	LKD	W34	335°N	0	Failed
F16	R25		Residential	Bedroom	W35	335°N	0	Failed
F16	R26		Residential	LKD	W36	335°N	0	Failed
F16	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F16	R28		Residential	Bedroom	W38	335°N	0	Failed
F17	R1		Residential	LKD	W1	335°N	0	Failed
F17	R2		Residential	Bedroom	W2	335°N	0	Failed
F17	R3		Residential	Bedroom	W3	335°N	0	Failed
F17	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F17	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F17	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F17	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F17	R8		Residential	Bedroom	W12	155°	6.2	High
F17	R9		Residential	Bedroom	W13	155°	6.3	High
F17	R10		Residential	LKD	W14	155°	6.7	High
F17	R11		Residential	Bedroom	W15	155°	6.3	High
F17	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F17	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F17	R14		Residential	Bedroom	W20	155°	6.3	High
F17	R15		Residential	LKD	W21	155°	6.7	High
F17	R16		Residential	Bedroom	W22	155°	6.3	High
F17	R17		Residential	Bedroom	W23	156°	6.2	High
F17	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F17	R19		Residential	Bedroom	W27	245°	3.8	Medium
F17	R20		Residential	Bedroom	W28	245°	3.8	Medium
F17	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F17	R22		Residential	Bedroom	W32	336°N	0	Failed
F17	R23		Residential	Bedroom	W33	335°N	0	Failed
F17	R24		Residential	LKD	W34	335°N	0	Failed
F17	R25		Residential	Bedroom	W35	335°N	0	Failed
F17	R26		Residential	LKD	W36	335°N	0	Failed
F17	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F17	R28		Residential	Bedroom	W38	335°N	0	Failed
F18	R1		Residential	LKD	W1	335°N	0	Failed
F18	R2		Residential	Bedroom	W2	335°N	0	Failed
F18	R3		Residential	Bedroom	W3	335°N	0	Failed
F18	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F18	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F18	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F18	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F18	R8		Residential	Bedroom	W12	155°	6.2	High
F18	R9		Residential	Bedroom	W13	155°	6.3	High
F18	R10		Residential	LKD	W14	155°	6.7	High
F18	R11		Residential	Bedroom	W15	155°	6.3	High
F18	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F18	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F18	R14		Residential	Bedroom	W20	155°	6.3	High
F18	R15		Residential	LKD	W21	155°	6.7	High
F18	R16		Residential	Bedroom	W22	155°	6.3	High
F18	R17		Residential	Bedroom	W23	156°	6.2	High
F18	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F18	R19		Residential	Bedroom	W27	245°	3.8	Medium
F18	R20		Residential	Bedroom	W28	245°	3.8	Medium
F18	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F18	R22		Residential	Bedroom	W32	336°N	0	Failed
F18	R23		Residential	Bedroom	W33	335°N	0	Failed
F18	R24		Residential	LKD	W34	335°N	0	Failed
F18	R25		Residential	Bedroom	W35	335°N	0	Failed
F18	R26		Residential	LKD	W36	335°N	0	Failed
F18	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F18	R28		Residential	Bedroom	W38	335°N	0	Failed
F19	R1		Residential	LKD	W1	335°N	0	Failed
F19	R2		Residential	Bedroom	W2	335°N	0	Failed
F19	R3		Residential	Bedroom	W3	335°N	0	Failed
F19	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F19	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F19	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F19	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F19	R8		Residential	Bedroom	W12	155°	6.2	High
F19	R9		Residential	Bedroom	W13	155°	6.3	High
F19	R10		Residential	LKD	W14	155°	6.7	High
F19	R11		Residential	Bedroom	W15	155°	6.3	High
F19	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F19	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F19	R14		Residential	Bedroom	W20	155°	6.3	High
F19	R15		Residential	LKD	W21	155°	6.7	High
F19	R16		Residential	Bedroom	W22	155°	6.3	High
F19	R17		Residential	Bedroom	W23	156°	6.2	High
F19	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F19	R19		Residential	Bedroom	W27	245°	3.8	Medium
F19	R20		Residential	Bedroom	W28	245°	3.8	Medium
F19	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F19	R22		Residential	Bedroom	W32	336°N	0	Failed
F19	R23		Residential	Bedroom	W33	335°N	0	Failed
F19	R24		Residential	LKD	W34	335°N	0	Failed
F19	R25		Residential	Bedroom	W35	335°N	0	Failed
F19	R26		Residential	LKD	W36	335°N	0	Failed
F19	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F19	R28		Residential	Bedroom	W38	335°N	0	Failed
F20	R1		Residential	LKD	W1	335°N	0	Failed
F20	R2		Residential	Bedroom	W2	335°N	0	Failed
F20	R3		Residential	Bedroom	W3	335°N	0	Failed
F20	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F20	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F20	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F20	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F20	R8		Residential	Bedroom	W12	155°	6.2	High
F20	R9		Residential	Bedroom	W13	155°	6.3	High
F20	R10		Residential	LKD	W14	155°	6.7	High
F20	R11		Residential	Bedroom	W15	155°	6.3	High
F20	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F20	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F20	R14		Residential	Bedroom	W20	155°	6.3	High
F20	R15		Residential	LKD	W21	155°	6.7	High
F20	R16		Residential	Bedroom	W22	155°	6.3	High
F20	R17		Residential	Bedroom	W23	156°	6.2	High
F20	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F20	R19		Residential	Bedroom	W27	245°	3.8	Medium
F20	R20		Residential	Bedroom	W28	245°	3.8	Medium
F20	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F20	R22		Residential	Bedroom	W32	336°N	0	Failed
F20	R23		Residential	Bedroom	W33	335°N	0	Failed
F20	R24		Residential	LKD	W34	335°N	0	Failed
F20	R25		Residential	Bedroom	W35	335°N	0	Failed
F20	R26		Residential	LKD	W36	335°N	0	Failed
F20	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F20	R28		Residential	Bedroom	W38	335°N	0	Failed
F21	R1		Residential	LKD	W1	335°N	0	Failed
F21	R2		Residential	Bedroom	W2	335°N	0	Failed
F21	R3		Residential	Bedroom	W3	335°N	0	Failed
F21	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F21	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F21	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F21	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F21	R8		Residential	Bedroom	W12	155°	6.2	High
F21	R9		Residential	Bedroom	W13	155°	6.3	High
F21	R10		Residential	LKD	W14	155°	6.7	High
F21	R11		Residential	Bedroom	W15	155°	6.3	High
F21	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F21	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F21	R14		Residential	Bedroom	W20	155°	6.3	High
F21	R15		Residential	LKD	W21	155°	6.7	High
F21	R16		Residential	Bedroom	W22	155°	6.3	High
F21	R17		Residential	Bedroom	W23	156°	6.2	High
F21	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F21	R19		Residential	Bedroom	W27	245°	3.8	Medium
F21	R20		Residential	Bedroom	W28	245°	3.8	Medium
F21	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F21	R22		Residential	Bedroom	W32	336°N	0	Failed
F21	R23		Residential	Bedroom	W33	335°N	0	Failed
F21	R24		Residential	LKD	W34	335°N	0	Failed
F21	R25		Residential	Bedroom	W35	335°N	0	Failed
F21	R26		Residential	LKD	W36	335°N	0	Failed
F21	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F21	R28		Residential	Bedroom	W38	335°N	0	Failed
F22	R1		Residential	LKD	W1	335°N	0	Failed
F22	R2		Residential	Bedroom	W2	335°N	0	Failed
F22	R3		Residential	Bedroom	W3	335°N	0	Failed
F22	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F22	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F22	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F22	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F22	R8		Residential	Bedroom	W12	155°	6.2	High
F22	R9		Residential	Bedroom	W13	155°	6.3	High
F22	R10		Residential	LKD	W14	155°	6.7	High
F22	R11		Residential	Bedroom	W15	155°	6.3	High
F22	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F22	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F22	R14		Residential	Bedroom	W20	155°	6.3	High
F22	R15		Residential	LKD	W21	155°	6.7	High
F22	R16		Residential	Bedroom	W22	155°	6.3	High
F22	R17		Residential	Bedroom	W23	156°	6.2	High
F22	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F22	R19		Residential	Bedroom	W27	245°	3.8	Medium
F22	R20		Residential	Bedroom	W28	245°	3.8	Medium
F22	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F22	R22		Residential	Bedroom	W32	336°N	0	Failed
F22	R23		Residential	Bedroom	W33	335°N	0	Failed
F22	R24		Residential	LKD	W34	335°N	0	Failed
F22	R25		Residential	Bedroom	W35	335°N	0	Failed
F22	R26		Residential	LKD	W36	335°N	0	Failed
F22	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F22	R28		Residential	Bedroom	W38	335°N	0	Failed
F23	R1		Residential	LKD	W1	335°N	0	Failed
F23	R2		Residential	Bedroom	W2	335°N	0	Failed
F23	R3		Residential	Bedroom	W3	335°N	0	Failed
F23	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F23	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F23	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F23	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F23	R8		Residential	Bedroom	W12	155°	6.2	High
F23	R9		Residential	Bedroom	W13	155°	6.3	High
F23	R10		Residential	LKD	W14	155°	6.7	High
F23	R11		Residential	Bedroom	W15	155°	6.3	High
F23	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F23	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F23	R14		Residential	Bedroom	W20	155°	6.3	High
F23	R15		Residential	LKD	W21	155°	6.7	High
F23	R16		Residential	Bedroom	W22	155°	6.3	High
F23	R17		Residential	Bedroom	W23	156°	6.2	High
F23	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F23	R19		Residential	Bedroom	W27	245°	3.8	Medium
F23	R20		Residential	Bedroom	W28	245°	3.8	Medium
F23	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F23	R22		Residential	Bedroom	W32	336°N	0	Failed
F23	R23		Residential	Bedroom	W33	335°N	0	Failed
F23	R24		Residential	LKD	W34	335°N	0	Failed
F23	R25		Residential	Bedroom	W35	335°N	0	Failed
F23	R26		Residential	LKD	W36	335°N	0	Failed
F23	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F23	R28		Residential	Bedroom	W38	335°N	0	Failed
F24	R1		Residential	LKD	W1	335°N	0	Failed
F24	R2		Residential	Bedroom	W2	335°N	0	Failed
F24	R3		Residential	Bedroom	W3	335°N	0	Failed
F24	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F24	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F24	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F24	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F24	R8		Residential	Bedroom	W12	155°	6.2	High
F24	R9		Residential	Bedroom	W13	155°	6.3	High
F24	R10		Residential	LKD	W14	155°	6.7	High
F24	R11		Residential	Bedroom	W15	155°	6.3	High
F24	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F24	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F24	R14		Residential	Bedroom	W20	155°	6.3	High
F24	R15		Residential	LKD	W21	155°	6.7	High
F24	R16		Residential	Bedroom	W22	155°	6.3	High
F24	R17		Residential	Bedroom	W23	156°	6.2	High
F24	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F24	R19		Residential	Bedroom	W27	245°	3.8	Medium
F24	R20		Residential	Bedroom	W28	245°	3.8	Medium
F24	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F24	R22		Residential	Bedroom	W32	336°N	0	Failed
F24	R23		Residential	Bedroom	W33	335°N	0	Failed
F24	R24		Residential	LKD	W34	335°N	0	Failed
F24	R25		Residential	Bedroom	W35	335°N	0	Failed
F24	R26		Residential	LKD	W36	335°N	0	Failed
F24	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F24	R28		Residential	Bedroom	W38	335°N	0	Failed
							0	Failed
F25	R1		Residential	LKD	W1	335°N	0	Failed
							0	Failed
F25	R2		Residential	Bedroom	W2	335°N	0	Failed
							0	Failed
F25	R3		Residential	Bedroom	W3	335°N	0	Failed
							0	Failed
F25	R4		Residential	LKD	W4	335°N	0	
					W5	65°N	0.6	
					W6	65°N	0.6	
							0.6	Failed
F25	R5		Residential	Bedroom	W7	65°N	0.6	
							0.6	Failed
F25	R6		Residential	Bedroom	W8	65°N	0.6	
							0.6	Failed
F25	R7		Residential	LKD	W9	65°N	0.6	
					W10	65°N	0.6	
					W11	155°	6.7	
							6.7	High
F25	R8		Residential	Bedroom	W12	155°	6.2	
							6.2	High
F25	R9		Residential	Bedroom	W13	155°	6.3	
							6.3	High
F25	R10		Residential	LKD	W14	155°	6.7	
							6.7	High
F25	R11		Residential	Bedroom	W15	155°	6.3	
							6.3	High
F25	R12		Residential	LKD	W16	155°	6.3	
					W17	155°	6.7	
							6.7	High
F25	R13		Residential	LKD	W18	155°	6.7	
					W19	155°	6.3	
							6.7	High
F25	R14		Residential	Bedroom	W20	155°	6.3	
							6.3	High
F25	R15		Residential	LKD	W21	155°	6.7	
							6.7	High
F25	R16		Residential	Bedroom	W22	155°	6.3	
							6.3	High
F25	R17		Residential	Bedroom	W23	156°	6.2	
							6.2	High
F25	R18		Residential	LKD	W24	155°	6.7	
					W25	245°	3.8	
					W26	245°	3.8	
							9.5	High
F25	R19		Residential	Bedroom	W27	245°	3.8	
							3.8	Medium
F25	R20		Residential	Bedroom	W28	245°	3.8	
							3.8	Medium
F25	R21		Residential	LKD	W29	245°	3.8	
					W30	245°	3.8	
					W31	335°N	0	
							3.8	Medium
F25	R22		Residential	Bedroom	W32	336°N	0	
							0	Failed
F25	R23		Residential	Bedroom	W33	335°N	0	
							0	Failed
F25	R24		Residential	LKD	W34	335°N	0	
							0	Failed
F25	R25		Residential	Bedroom	W35	335°N	0	
							0	Failed
F25	R26		Residential	LKD	W36	335°N	0	
							0	Failed
F25	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F25	R28		Residential	Bedroom	W38	335°N	0	Failed
F26	R1		Residential	LKD	W1	335°N	0	Failed
F26	R2		Residential	Bedroom	W2	335°N	0	Failed
F26	R3		Residential	Bedroom	W3	335°N	0	Failed
F26	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F26	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F26	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F26	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F26	R8		Residential	Bedroom	W12	155°	6.2	High
F26	R9		Residential	Bedroom	W13	155°	6.3	High
F26	R10		Residential	LKD	W14	155°	6.7	High
F26	R11		Residential	Bedroom	W15	155°	6.3	High
F26	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F26	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F26	R14		Residential	Bedroom	W20	155°	6.3	High
F26	R15		Residential	LKD	W21	155°	6.7	High
F26	R16		Residential	Bedroom	W22	155°	6.3	High
F26	R17		Residential	Bedroom	W23	156°	6.2	High
F26	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F26	R19		Residential	Bedroom	W27	245°	3.8	Medium
F26	R20		Residential	Bedroom	W28	245°	3.8	Medium
F26	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F26	R22		Residential	Bedroom	W32	336°N	0	Failed
F26	R23		Residential	Bedroom	W33	335°N	0	Failed
F26	R24		Residential	LKD	W34	335°N	0	Failed
F26	R25		Residential	Bedroom	W35	335°N	0	Failed
F26	R26		Residential	LKD	W36	335°N	0	Failed
F26	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F26	R28		Residential	Bedroom	W38	335°N	0	Failed
F27	R1		Residential	LKD	W1	335°N	0	Failed
F27	R2		Residential	Bedroom	W2	335°N	0	Failed
F27	R3		Residential	Bedroom	W3	335°N	0	Failed
F27	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F27	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F27	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F27	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F27	R8		Residential	Bedroom	W12	155°	6.2	High
F27	R9		Residential	Bedroom	W13	155°	6.3	High
F27	R10		Residential	LKD	W14	155°	6.7	High
F27	R11		Residential	Bedroom	W15	155°	6.3	High
F27	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F27	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F27	R14		Residential	Bedroom	W20	155°	6.3	High
F27	R15		Residential	LKD	W21	155°	6.7	High
F27	R16		Residential	Bedroom	W22	155°	6.3	High
F27	R17		Residential	Bedroom	W23	156°	6.2	High
F27	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F27	R19		Residential	Bedroom	W27	245°	3.8	Medium
F27	R20		Residential	Bedroom	W28	245°	3.8	Medium
F27	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F27	R22		Residential	Bedroom	W32	336°N	0	Failed
F27	R23		Residential	Bedroom	W33	335°N	0	Failed
F27	R24		Residential	LKD	W34	335°N	0	Failed
F27	R25		Residential	Bedroom	W35	335°N	0	Failed
F27	R26		Residential	LKD	W36	335°N	0	Failed
F27	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F27	R28		Residential	Bedroom	W38	335°N	0	Failed
F28	R1		Residential	LKD	W1	335°N	0	Failed
F28	R2		Residential	Bedroom	W2	335°N	0	Failed
F28	R3		Residential	Bedroom	W3	335°N	0	Failed
F28	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F28	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F28	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F28	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F28	R8		Residential	Bedroom	W12	155°	6.2	High
F28	R9		Residential	Bedroom	W13	155°	6.3	High
F28	R10		Residential	LKD	W14	155°	6.7	High
F28	R11		Residential	Bedroom	W15	155°	6.3	High
F28	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F28	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F28	R14		Residential	Bedroom	W20	155°	6.3	High
F28	R15		Residential	LKD	W21	155°	6.7	High
F28	R16		Residential	Bedroom	W22	155°	6.3	High
F28	R17		Residential	Bedroom	W23	156°	6.2	High
F28	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F28	R19		Residential	Bedroom	W27	245°	3.8	Medium
F28	R20		Residential	Bedroom	W28	245°	3.8	Medium
F28	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F28	R22		Residential	Bedroom	W32	336°N	0	Failed
F28	R23		Residential	Bedroom	W33	335°N	0	Failed
F28	R24		Residential	LKD	W34	335°N	0	Failed
F28	R25		Residential	Bedroom	W35	335°N	0	Failed
F28	R26		Residential	LKD	W36	335°N	0	Failed
F28	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F28	R28		Residential	Bedroom	W38	335°N	0	Failed
F29	R1		Residential	LKD	W1	335°N	0	Failed
F29	R2		Residential	Bedroom	W2	335°N	0	Failed
F29	R3		Residential	Bedroom	W3	335°N	0	Failed
F29	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F29	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F29	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F29	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F29	R8		Residential	Bedroom	W12	155°	6.2	High
F29	R9		Residential	Bedroom	W13	155°	6.3	High
F29	R10		Residential	LKD	W14	155°	6.7	High
F29	R11		Residential	Bedroom	W15	155°	6.3	High
F29	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F29	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F29	R14		Residential	Bedroom	W20	155°	6.3	High
F29	R15		Residential	LKD	W21	155°	6.7	High
F29	R16		Residential	Bedroom	W22	155°	6.3	High
F29	R17		Residential	Bedroom	W23	156°	6.2	High
F29	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F29	R19		Residential	Bedroom	W27	245°	3.8	Medium
F29	R20		Residential	Bedroom	W28	245°	3.8	Medium
F29	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F29	R22		Residential	Bedroom	W32	336°N	0	Failed
F29	R23		Residential	Bedroom	W33	335°N	0	Failed
F29	R24		Residential	LKD	W34	335°N	0	Failed
F29	R25		Residential	Bedroom	W35	335°N	0	Failed
F29	R26		Residential	LKD	W36	335°N	0	Failed
F29	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F29	R28		Residential	Bedroom	W38	335°N	0	Failed
F30	R1		Residential	LKD	W1	335°N	0	Failed
F30	R2		Residential	Bedroom	W2	335°N	0	Failed
F30	R3		Residential	Bedroom	W3	335°N	0	Failed
F30	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F30	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F30	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F30	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F30	R8		Residential	Bedroom	W12	155°	6.2	High
F30	R9		Residential	Bedroom	W13	155°	6.3	High
F30	R10		Residential	LKD	W14	155°	6.7	High
F30	R11		Residential	Bedroom	W15	155°	6.3	High
F30	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F30	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F30	R14		Residential	Bedroom	W20	155°	6.3	High
F30	R15		Residential	LKD	W21	155°	6.7	High
F30	R16		Residential	Bedroom	W22	155°	6.3	High
F30	R17		Residential	Bedroom	W23	156°	6.2	High
F30	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F30	R19		Residential	Bedroom	W27	245°	3.8	Medium
F30	R20		Residential	Bedroom	W28	245°	3.8	Medium
F30	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F30	R22		Residential	Bedroom	W32	336°N	0	Failed
F30	R23		Residential	Bedroom	W33	335°N	0	Failed
F30	R24		Residential	LKD	W34	335°N	0	Failed
F30	R25		Residential	Bedroom	W35	335°N	0	Failed
F30	R26		Residential	LKD	W36	335°N	0	Failed
F30	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F30	R28		Residential	Bedroom	W38	335°N	0	Failed
F31	R1		Residential	LKD	W1	335°N	0	Failed
F31	R2		Residential	Bedroom	W2	335°N	0	Failed
F31	R3		Residential	Bedroom	W3	335°N	0	Failed
F31	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F31	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F31	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F31	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F31	R8		Residential	Bedroom	W12	155°	6.2	High
F31	R9		Residential	Bedroom	W13	155°	6.3	High
F31	R10		Residential	LKD	W14	155°	6.7	High
F31	R11		Residential	Bedroom	W15	155°	6.3	High
F31	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F31	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F31	R14		Residential	Bedroom	W20	155°	6.3	High
F31	R15		Residential	LKD	W21	155°	6.7	High
F31	R16		Residential	Bedroom	W22	155°	6.3	High
F31	R17		Residential	Bedroom	W23	156°	6.2	High
F31	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F31	R19		Residential	Bedroom	W27	245°	3.8	Medium
F31	R20		Residential	Bedroom	W28	245°	3.8	Medium
F31	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F31	R22		Residential	Bedroom	W32	336°N	0	Failed
F31	R23		Residential	Bedroom	W33	335°N	0	Failed
F31	R24		Residential	LKD	W34	335°N	0	Failed
F31	R25		Residential	Bedroom	W35	335°N	0	Failed
F31	R26		Residential	LKD	W36	335°N	0	Failed
F31	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F31	R28		Residential	Bedroom	W38	335°N	0	Failed
F32	R1		Residential	LKD	W1	335°N	0	Failed
F32	R2		Residential	Bedroom	W2	335°N	0	Failed
F32	R3		Residential	Bedroom	W3	335°N	0	Failed
F32	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F32	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F32	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F32	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F32	R8		Residential	Bedroom	W12	155°	6.2	High
F32	R9		Residential	Bedroom	W13	155°	6.3	High
F32	R10		Residential	LKD	W14	155°	6.7	High
F32	R11		Residential	Bedroom	W15	155°	6.3	High
F32	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F32	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F32	R14		Residential	Bedroom	W20	155°	6.3	High
F32	R15		Residential	LKD	W21	155°	6.7	High
F32	R16		Residential	Bedroom	W22	155°	6.3	High
F32	R17		Residential	Bedroom	W23	156°	6.2	High
F32	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F32	R19		Residential	Bedroom	W27	245°	3.8	Medium
F32	R20		Residential	Bedroom	W28	245°	3.8	Medium
F32	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F32	R22		Residential	Bedroom	W32	336°N	0	Failed
F32	R23		Residential	Bedroom	W33	335°N	0	Failed
F32	R24		Residential	LKD	W34	335°N	0	Failed
F32	R25		Residential	Bedroom	W35	335°N	0	Failed
F32	R26		Residential	LKD	W36	335°N	0	Failed
F32	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F32	R28		Residential	Bedroom	W38	335°N	0	Failed
F33	R1		Residential	LKD	W1	335°N	0	Failed
F33	R2		Residential	Bedroom	W2	335°N	0	Failed
F33	R3		Residential	Bedroom	W3	335°N	0	Failed
F33	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F33	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F33	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F33	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F33	R8		Residential	Bedroom	W12	155°	6.2	High
F33	R9		Residential	Bedroom	W13	155°	6.3	High
F33	R10		Residential	LKD	W14	155°	6.7	High
F33	R11		Residential	Bedroom	W15	155°	6.3	High
F33	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F33	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F33	R14		Residential	Bedroom	W20	155°	6.3	High
F33	R15		Residential	LKD	W21	155°	6.7	High
F33	R16		Residential	Bedroom	W22	155°	6.3	High
F33	R17		Residential	Bedroom	W23	156°	6.2	High
F33	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F33	R19		Residential	Bedroom	W27	245°	3.8	Medium
F33	R20		Residential	Bedroom	W28	245°	3.8	Medium
F33	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F33	R22		Residential	Bedroom	W32	336°N	0	Failed
F33	R23		Residential	Bedroom	W33	335°N	0	Failed
F33	R24		Residential	LKD	W34	335°N	0	Failed
F33	R25		Residential	Bedroom	W35	335°N	0	Failed
F33	R26		Residential	LKD	W36	335°N	0	Failed
F33	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F33	R28		Residential	Bedroom	W38	335°N	0	Failed
F34	R1		Residential	LKD	W1	335°N	0	Failed
F34	R2		Residential	Bedroom	W2	335°N	0	Failed
F34	R3		Residential	Bedroom	W3	335°N	0	Failed
F34	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F34	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F34	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F34	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F34	R8		Residential	Bedroom	W12	155°	6.2	High
F34	R9		Residential	Bedroom	W13	155°	6.3	High
F34	R10		Residential	LKD	W14	155°	6.7	High
F34	R11		Residential	Bedroom	W15	155°	6.3	High
F34	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F34	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F34	R14		Residential	Bedroom	W20	155°	6.3	High
F34	R15		Residential	LKD	W21	155°	6.7	High
F34	R16		Residential	Bedroom	W22	155°	6.3	High
F34	R17		Residential	Bedroom	W23	156°	6.2	High
F34	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F34	R19		Residential	Bedroom	W27	245°	3.8	Medium
F34	R20		Residential	Bedroom	W28	245°	3.8	Medium
F34	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F34	R22		Residential	Bedroom	W32	336°N	0	Failed
F34	R23		Residential	Bedroom	W33	335°N	0	Failed
F34	R24		Residential	LKD	W34	335°N	0	Failed
F34	R25		Residential	Bedroom	W35	335°N	0	Failed
F34	R26		Residential	LKD	W36	335°N	0	Failed
F34	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F34	R28		Residential	Bedroom	W38	335°N	0	Failed
F35	R1		Residential	LKD	W1	335°N	0	Failed
F35	R2		Residential	Bedroom	W2	335°N	0	Failed
F35	R3		Residential	Bedroom	W3	335°N	0	Failed
F35	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F35	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F35	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F35	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F35	R8		Residential	Bedroom	W12	155°	6.2	High
F35	R9		Residential	Bedroom	W13	155°	6.3	High
F35	R10		Residential	LKD	W14	155°	6.7	High
F35	R11		Residential	Bedroom	W15	155°	6.3	High
F35	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F35	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F35	R14		Residential	Bedroom	W20	155°	6.3	High
F35	R15		Residential	LKD	W21	155°	6.7	High
F35	R16		Residential	Bedroom	W22	155°	6.3	High
F35	R17		Residential	Bedroom	W23	156°	6.2	High
F35	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F35	R19		Residential	Bedroom	W27	245°	3.8	Medium
F35	R20		Residential	Bedroom	W28	245°	3.8	Medium
F35	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F35	R22		Residential	Bedroom	W32	336°N	0	Failed
F35	R23		Residential	Bedroom	W33	335°N	0	Failed
F35	R24		Residential	LKD	W34	335°N	0	Failed
F35	R25		Residential	Bedroom	W35	335°N	0	Failed
F35	R26		Residential	LKD	W36	335°N	0	Failed
F35	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F35	R28		Residential	Bedroom	W38	335°N	0	Failed
F36	R1		Residential	LKD	W1	335°N	0	Failed
F36	R2		Residential	Bedroom	W2	335°N	0	Failed
F36	R3		Residential	Bedroom	W3	335°N	0	Failed
F36	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F36	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F36	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F36	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F36	R8		Residential	Bedroom	W12	155°	6.2	High
F36	R9		Residential	Bedroom	W13	155°	6.3	High
F36	R10		Residential	LKD	W14	155°	6.7	High
F36	R11		Residential	Bedroom	W15	155°	6.3	High
F36	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F36	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F36	R14		Residential	Bedroom	W20	155°	6.3	High
F36	R15		Residential	LKD	W21	155°	6.7	High
F36	R16		Residential	Bedroom	W22	155°	6.3	High
F36	R17		Residential	Bedroom	W23	156°	6.2	High
F36	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F36	R19		Residential	Bedroom	W27	245°	3.8	Medium
F36	R20		Residential	Bedroom	W28	245°	3.8	Medium
F36	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F36	R22		Residential	Bedroom	W32	336°N	0	Failed
F36	R23		Residential	Bedroom	W33	335°N	0	Failed
F36	R24		Residential	LKD	W34	335°N	0	Failed
F36	R25		Residential	Bedroom	W35	335°N	0	Failed
F36	R26		Residential	LKD	W36	335°N	0	Failed
F36	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F36	R28		Residential	Bedroom	W38	335°N	0	Failed
F37	R1		Residential	LKD	W1	335°N	0	Failed
F37	R2		Residential	Bedroom	W2	335°N	0	Failed
F37	R3		Residential	Bedroom	W3	335°N	0	Failed
F37	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F37	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F37	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F37	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F37	R8		Residential	Bedroom	W12	155°	6.2	High
F37	R9		Residential	Bedroom	W13	155°	6.3	High
F37	R10		Residential	LKD	W14	155°	6.7	High
F37	R11		Residential	Bedroom	W15	155°	6.3	High
F37	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F37	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F37	R14		Residential	Bedroom	W20	155°	6.3	High
F37	R15		Residential	LKD	W21	155°	6.7	High
F37	R16		Residential	Bedroom	W22	155°	6.3	High
F37	R17		Residential	Bedroom	W23	156°	6.2	High
F37	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F37	R19		Residential	Bedroom	W27	245°	3.8	Medium
F37	R20		Residential	Bedroom	W28	245°	3.8	Medium
F37	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F37	R22		Residential	Bedroom	W32	336°N	0	Failed
F37	R23		Residential	Bedroom	W33	335°N	0	Failed
F37	R24		Residential	LKD	W34	335°N	0	Failed
F37	R25		Residential	Bedroom	W35	335°N	0	Failed
F37	R26		Residential	LKD	W36	335°N	0	Failed
F37	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F37	R28		Residential	Bedroom	W38	335°N	0	Failed
F38	R1		Residential	LKD	W1	335°N	0	Failed
F38	R2		Residential	Bedroom	W2	335°N	0	Failed
F38	R3		Residential	Bedroom	W3	335°N	0	Failed
F38	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F38	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F38	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F38	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F38	R8		Residential	Bedroom	W12	155°	6.2	High
F38	R9		Residential	Bedroom	W13	155°	6.3	High
F38	R10		Residential	LKD	W14	155°	6.7	High
F38	R11		Residential	Bedroom	W15	155°	6.3	High
F38	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F38	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F38	R14		Residential	Bedroom	W20	155°	6.3	High
F38	R15		Residential	LKD	W21	155°	6.7	High
F38	R16		Residential	Bedroom	W22	155°	6.3	High
F38	R17		Residential	Bedroom	W23	156°	6.2	High
F38	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F38	R19		Residential	Bedroom	W27	245°	3.8	Medium
F38	R20		Residential	Bedroom	W28	245°	3.8	Medium
F38	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F38	R22		Residential	Bedroom	W32	336°N	0	Failed
F38	R23		Residential	Bedroom	W33	335°N	0	Failed
F38	R24		Residential	LKD	W34	335°N	0	Failed
F38	R25		Residential	Bedroom	W35	335°N	0	Failed
F38	R26		Residential	LKD	W36	335°N	0	Failed
F38	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F38	R28		Residential	Bedroom	W38	335°N	0	Failed
F39	R1		Residential	LKD	W1	335°N	0	Failed
F39	R2		Residential	Bedroom	W2	335°N	0	Failed
F39	R3		Residential	Bedroom	W3	335°N	0	Failed
F39	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F39	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F39	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F39	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F39	R8		Residential	Bedroom	W12	155°	6.2	High
F39	R9		Residential	Bedroom	W13	155°	6.3	High
F39	R10		Residential	LKD	W14	155°	6.7	High
F39	R11		Residential	Bedroom	W15	155°	6.3	High
F39	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F39	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F39	R14		Residential	Bedroom	W20	155°	6.3	High
F39	R15		Residential	LKD	W21	155°	6.7	High
F39	R16		Residential	Bedroom	W22	155°	6.3	High
F39	R17		Residential	Bedroom	W23	156°	6.2	High
F39	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F39	R19		Residential	Bedroom	W27	245°	3.8	Medium
F39	R20		Residential	Bedroom	W28	245°	3.8	Medium
F39	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F39	R22		Residential	Bedroom	W32	336°N	0	Failed
F39	R23		Residential	Bedroom	W33	335°N	0	Failed
F39	R24		Residential	LKD	W34	335°N	0	Failed
F39	R25		Residential	Bedroom	W35	335°N	0	Failed
F39	R26		Residential	LKD	W36	335°N	0	Failed
F39	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F39	R28		Residential	Bedroom	W38	335°N	0	Failed
F40	R1		Residential	LKD	W1	335°N	0	Failed
F40	R2		Residential	Bedroom	W2	335°N	0	Failed
F40	R3		Residential	Bedroom	W3	335°N	0	Failed
F40	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F40	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F40	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F40	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F40	R8		Residential	Bedroom	W12	155°	6.2	High
F40	R9		Residential	Bedroom	W13	155°	6.3	High
F40	R10		Residential	LKD	W14	155°	6.7	High
F40	R11		Residential	Bedroom	W15	155°	6.3	High
F40	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F40	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F40	R14		Residential	Bedroom	W20	155°	6.3	High
F40	R15		Residential	LKD	W21	155°	6.7	High
F40	R16		Residential	Bedroom	W22	155°	6.3	High
F40	R17		Residential	Bedroom	W23	156°	6.2	High
F40	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F40	R19		Residential	Bedroom	W27	245°	3.8	Medium
F40	R20		Residential	Bedroom	W28	245°	3.8	Medium
F40	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F40	R22		Residential	Bedroom	W32	336°N	0	Failed
F40	R23		Residential	Bedroom	W33	335°N	0	Failed
F40	R24		Residential	LKD	W34	335°N	0	Failed
F40	R25		Residential	Bedroom	W35	335°N	0	Failed
F40	R26		Residential	LKD	W36	335°N	0	Failed
F40	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F40	R28		Residential	Bedroom	W38	335°N	0	Failed
F41	R1		Residential	LKD	W1	335°N	0	Failed
F41	R2		Residential	Bedroom	W2	335°N	0	Failed
F41	R3		Residential	Bedroom	W3	335°N	0	Failed
F41	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F41	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F41	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F41	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F41	R8		Residential	Bedroom	W12	155°	6.2	High
F41	R9		Residential	Bedroom	W13	155°	6.3	High
F41	R10		Residential	LKD	W14	155°	6.7	High
F41	R11		Residential	Bedroom	W15	155°	6.3	High
F41	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F41	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F41	R14		Residential	Bedroom	W20	155°	6.3	High
F41	R15		Residential	LKD	W21	155°	6.7	High
F41	R16		Residential	Bedroom	W22	155°	6.3	High
F41	R17		Residential	Bedroom	W23	156°	6.2	High
F41	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F41	R19		Residential	Bedroom	W27	245°	3.8	Medium
F41	R20		Residential	Bedroom	W28	245°	3.8	Medium
F41	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F41	R22		Residential	Bedroom	W32	336°N	0	Failed
F41	R23		Residential	Bedroom	W33	335°N	0	Failed
F41	R24		Residential	LKD	W34	335°N	0	Failed
F41	R25		Residential	Bedroom	W35	335°N	0	Failed
F41	R26		Residential	LKD	W36	335°N	0	Failed
F41	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F41	R28		Residential	Bedroom	W38	335°N	0	Failed
F42	R1		Residential	LKD	W1	335°N	0	Failed
F42	R2		Residential	Bedroom	W2	335°N	0	Failed
F42	R3		Residential	Bedroom	W3	335°N	0	Failed
F42	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F42	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F42	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F42	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F42	R8		Residential	Bedroom	W12	155°	6.2	High
F42	R9		Residential	Bedroom	W13	155°	6.3	High
F42	R10		Residential	LKD	W14	155°	6.7	High
F42	R11		Residential	Bedroom	W15	155°	6.3	High
F42	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F42	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F42	R14		Residential	Bedroom	W20	155°	6.3	High
F42	R15		Residential	LKD	W21	155°	6.7	High
F42	R16		Residential	Bedroom	W22	155°	6.3	High
F42	R17		Residential	Bedroom	W23	156°	6.2	High
F42	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F42	R19		Residential	Bedroom	W27	245°	3.8	Medium
F42	R20		Residential	Bedroom	W28	245°	3.8	Medium
F42	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F42	R22		Residential	Bedroom	W32	336°N	0	Failed
F42	R23		Residential	Bedroom	W33	335°N	0	Failed
F42	R24		Residential	LKD	W34	335°N	0	Failed
F42	R25		Residential	Bedroom	W35	335°N	0	Failed
F42	R26		Residential	LKD	W36	335°N	0	Failed
F42	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F42	R28		Residential	Bedroom	W38	335°N	0	Failed
F43	R1		Residential	LKD	W1	335°N	0	Failed
F43	R2		Residential	Bedroom	W2	335°N	0	Failed
F43	R3		Residential	Bedroom	W3	335°N	0	Failed
F43	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F43	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F43	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F43	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F43	R8		Residential	Bedroom	W12	155°	6.2	High
F43	R9		Residential	Bedroom	W13	155°	6.3	High
F43	R10		Residential	LKD	W14	155°	6.7	High
F43	R11		Residential	Bedroom	W15	155°	6.3	High
F43	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F43	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F43	R14		Residential	Bedroom	W20	155°	6.3	High
F43	R15		Residential	LKD	W21	155°	6.7	High
F43	R16		Residential	Bedroom	W22	155°	6.3	High
F43	R17		Residential	Bedroom	W23	156°	6.2	High
F43	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F43	R19		Residential	Bedroom	W27	245°	3.8	Medium
F43	R20		Residential	Bedroom	W28	245°	3.8	Medium
F43	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F43	R22		Residential	Bedroom	W32	336°N	0	Failed
F43	R23		Residential	Bedroom	W33	335°N	0	Failed
F43	R24		Residential	LKD	W34	335°N	0	Failed
F43	R25		Residential	Bedroom	W35	335°N	0	Failed
F43	R26		Residential	LKD	W36	335°N	0	Failed
F43	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F43	R28		Residential	Bedroom	W38	335°N	0	Failed
F44	R1		Residential	LKD	W1	335°N	0	Failed
F44	R2		Residential	Bedroom	W2	335°N	0	Failed
F44	R3		Residential	Bedroom	W3	335°N	0	Failed
F44	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F44	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F44	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F44	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F44	R8		Residential	Bedroom	W12	155°	6.2	High
F44	R9		Residential	Bedroom	W13	155°	6.3	High
F44	R10		Residential	LKD	W14	155°	6.7	High
F44	R11		Residential	Bedroom	W15	155°	6.3	High
F44	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F44	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F44	R14		Residential	Bedroom	W20	155°	6.3	High
F44	R15		Residential	LKD	W21	155°	6.7	High
F44	R16		Residential	Bedroom	W22	155°	6.3	High
F44	R17		Residential	Bedroom	W23	156°	6.2	High
F44	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F44	R19		Residential	Bedroom	W27	245°	3.8	Medium
F44	R20		Residential	Bedroom	W28	245°	3.8	Medium
F44	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F44	R22		Residential	Bedroom	W32	336°N	0	Failed
F44	R23		Residential	Bedroom	W33	335°N	0	Failed
F44	R24		Residential	LKD	W34	335°N	0	Failed
F44	R25		Residential	Bedroom	W35	335°N	0	Failed
F44	R26		Residential	LKD	W36	335°N	0	Failed
F44	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F44	R28		Residential	Bedroom	W38	335°N	0	Failed
F45	R1		Residential	LKD	W1	335°N	0	Failed
F45	R2		Residential	Bedroom	W2	335°N	0	Failed
F45	R3		Residential	Bedroom	W3	335°N	0	Failed
F45	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F45	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F45	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F45	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F45	R8		Residential	Bedroom	W12	155°	6.2	High
F45	R9		Residential	Bedroom	W13	155°	6.3	High
F45	R10		Residential	LKD	W14	155°	6.7	High
F45	R11		Residential	Bedroom	W15	155°	6.3	High
F45	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F45	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F45	R14		Residential	Bedroom	W20	155°	6.3	High
F45	R15		Residential	LKD	W21	155°	6.7	High
F45	R16		Residential	Bedroom	W22	155°	6.3	High
F45	R17		Residential	Bedroom	W23	156°	6.2	High
F45	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F45	R19		Residential	Bedroom	W27	245°	3.8	Medium
F45	R20		Residential	Bedroom	W28	245°	3.8	Medium
F45	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F45	R22		Residential	Bedroom	W32	336°N	0	Failed
F45	R23		Residential	Bedroom	W33	335°N	0	Failed
F45	R24		Residential	LKD	W34	335°N	0	Failed
F45	R25		Residential	Bedroom	W35	335°N	0	Failed
F45	R26		Residential	LKD	W36	335°N	0	Failed
F45	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F45	R28		Residential	Bedroom	W38	335°N	0	Failed
F46	R1		Residential	LKD	W1	335°N	0	Failed
F46	R2		Residential	Bedroom	W2	335°N	0	Failed
F46	R3		Residential	Bedroom	W3	335°N	0	Failed
F46	R4		Residential	LKD	W4	335°N	0	Failed
					W5	65°N	0.6	
					W6	65°N	0.6	
F46	R5		Residential	Bedroom	W7	65°N	0.6	Failed
F46	R6		Residential	Bedroom	W8	65°N	0.6	Failed
F46	R7		Residential	LKD	W9	65°N	0.6	High
					W10	65°N	0.6	
					W11	155°	6.7	
F46	R8		Residential	Bedroom	W12	155°	6.2	High
F46	R9		Residential	Bedroom	W13	155°	6.3	High
F46	R10		Residential	LKD	W14	155°	6.7	High
F46	R11		Residential	Bedroom	W15	155°	6.3	High
F46	R12		Residential	LKD	W16	155°	6.3	High
					W17	155°	6.7	
F46	R13		Residential	LKD	W18	155°	6.7	High
					W19	155°	6.3	
F46	R14		Residential	Bedroom	W20	155°	6.3	High
F46	R15		Residential	LKD	W21	155°	6.7	High
F46	R16		Residential	Bedroom	W22	155°	6.3	High
F46	R17		Residential	Bedroom	W23	156°	6.2	High
F46	R18		Residential	LKD	W24	155°	6.7	High
					W25	245°	3.8	
					W26	245°	3.8	
F46	R19		Residential	Bedroom	W27	245°	3.8	Medium
F46	R20		Residential	Bedroom	W28	245°	3.8	Medium
F46	R21		Residential	LKD	W29	245°	3.8	Medium
					W30	245°	3.8	
					W31	335°N	0	
F46	R22		Residential	Bedroom	W32	336°N	0	Failed
F46	R23		Residential	Bedroom	W33	335°N	0	Failed
F46	R24		Residential	LKD	W34	335°N	0	Failed
F46	R25		Residential	Bedroom	W35	335°N	0	Failed
F46	R26		Residential	LKD	W36	335°N	0	Failed
F46	R27		Residential	LKD	W37	335°N	0	

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F46	R28		Residential	Bedroom	W38	335°N	0	Failed
F47	R1		Residential	Bedroom	W1	335°N	0	Failed
F47	R2		Residential	Bedroom	W2	335°N	0	Failed
F47	R3		Residential	LKD	W3	335°N	0	Failed
				W4	65°N	0		
				W5	335°N	0		
				W6	65°N	1.1		
				W7	65°N	0.6		
F47	R4		Residential	LKD	W8	65°N	0.6	High
				W9	65°N	0.6		
				W10	155°	1		
				W11	65°N	2.9		
				W12	155°	6.6		
F47	R5		Residential	Bedroom	W13	155°	6.3	High
F47	R6		Residential	Bedroom	W14	155°	6.7	High
F47	R7		Residential	Bedroom	W15	155°	6.3	High
				W16	155°	6.3		
F47	R8		Residential	LKD	W17	245°	2.1	High
				W18	156°	3.8		
				W19	155°	3.9		
				W20	65°N	1.8		
				W21	155°	6.3		
F47	R9		Residential	Bedroom	W22	155°	6.3	High
F47	R10		Residential	Bedroom	W23	155°	6.7	High
F47	R11		Residential	Bedroom	W24	155°	6.3	High
F47	R12		Residential	LKD	W25	155°	6.3	High
				W26	245°	2.7		
				W27	155°	0.3		
				W28	245°	3.8		
				W29	245°	3.8		
F47	R13		Residential	LKD	W30	245°	3.8	High
				W31	245°	4.1		
				W32	335°N	0		
				W33	245°	1.5		
				W34	335°N	0		
F47	R14		Residential	Bedroom	W35	335°N	0	Failed
F47	R15		Residential	Bedroom	W36	335°N	0	Failed
F47	R16		Residential	Bedroom	W37	335°N	0	Failed
				W38	65°N	0		
F47	R17		Residential	LKD	W39	335°N	0	Failed
				W40	335°N	0		
F47	R18		Residential	Bedroom	W41	245°	0	Failed
				W42	335°N	0		
F48	R1		Residential	Bedroom	W1	335°N	0	Failed
F48	R2		Residential	Bedroom	W2	335°N	0	Failed

Project Name: Central Square, Cardiff  
 Project No.: 200  
 Report Title: Internal Sunlight - Sunlight Exposure Analysis  
 Date: 14/07/2025

Floor Ref	Room Ref	Room Attribute	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure	Rating
							0	Failed
F48	R3		Residential	LKD	W3	335°N	0	
					W4	65°N	0	
					W5	335°N	0	
					W6	65°N	1.1	
					W7	65°N	0.6	
							1.1	Failed
F48	R4		Residential	LKD	W8	65°N	0.6	
					W9	65°N	0.6	
					W10	155°	1	
					W11	65°N	2.9	
					W12	155°	6.6	
							6.6	High
F48	R5		Residential	Bedroom	W13	155°	6.3	
							6.3	High
F48	R6		Residential	Bedroom	W14	155°	6.7	
							6.7	High
F48	R7		Residential	Bedroom	W15	155°	6.3	
					W16	155°	6.3	
							6.3	High
F48	R8		Residential	LKD	W17	245°	2	
					W18	156°	3.8	
					W19	155°	3.9	
					W20	65°N	1.8	
					W21	155°	6.3	
							6.8	High
F48	R9		Residential	Bedroom	W22	155°	6.3	
							6.3	High
F48	R10		Residential	Bedroom	W23	155°	6.7	
							6.7	High
F48	R11		Residential	Bedroom	W24	155°	6.3	
							6.3	High
F48	R12		Residential	LKD	W25	155°	6.3	
					W26	245°	2	
					W27	155°	0.1	
					W28	245°	3.8	
					W29	245°	3.8	
							9.5	High
F48	R13		Residential	LKD	W30	245°	3.8	
					W31	245°	4.1	
					W32	335°N	0	
					W33	245°	1.5	
					W34	335°N	0	
							4.1	High
F48	R14		Residential	Bedroom	W35	335°N	0	
							0	Failed
F48	R15		Residential	Bedroom	W36	335°N	0	
							0	Failed
F48	R16		Residential	Bedroom	W37	335°N	0	
					W38	65°N	0	
							0	Failed
F48	R17		Residential	LKD	W39	335°N	0	
					W40	335°N	0	
							0	Failed
F48	R18		Residential	Bedroom	W41	245°	0	
					W42	335°N	0	
							0	Failed