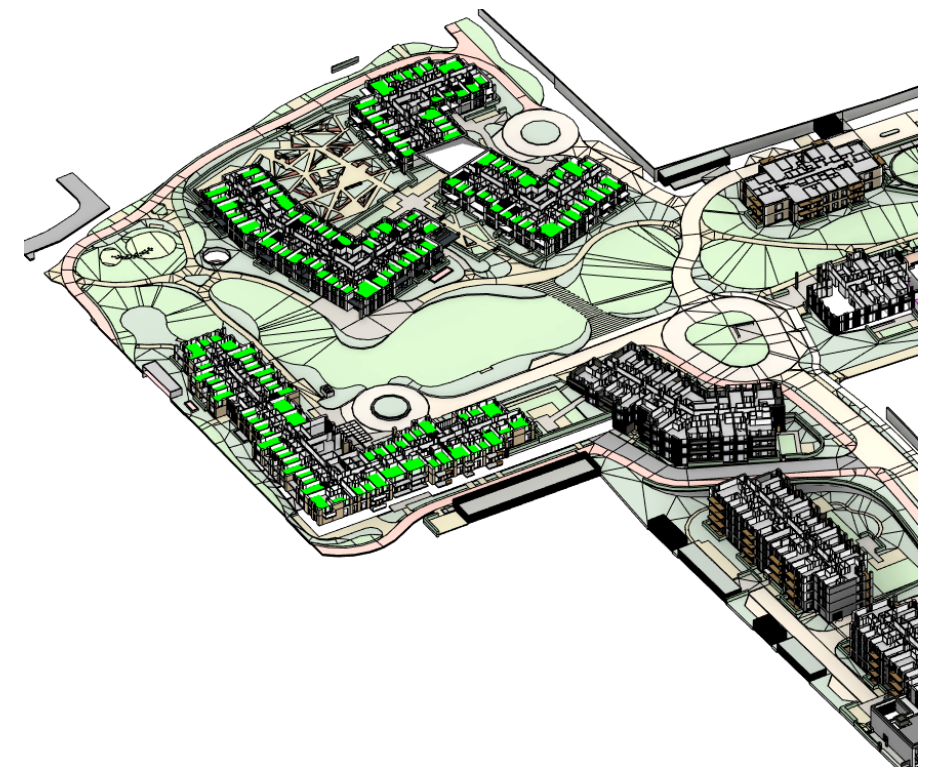


St. Vincent's Hospital Fairview Redevelopment, Fairview Dublin 3



Daylight and Sunlight Analysis

IN2 Project No. D2116

09/03/2023

Revision History

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1.0 Executive Summary

This report compiles the daylight and sunlight analysis as undertaken by IN2 Engineering Design Partnership for the Proposed St. Vincent's Hospital Redevelopment.

The report has been prepared as a desktop exercise with 3D massing and survey information provided by others. No site visits took place as information provided included all relevant required information and our understanding is that any survey information or 3D models provided were carried out by relevant suitably qualified professionals.

Various software programs were utilised in the analysis of the proposed development. These included:

- Radiance Lighting Software
- TAS by EDSL

Section 2.0 introduces the various Guidelines and Standards utilised throughout the Daylight / Sunlight analysis undertaken. Section 3.0 is a glossary of common terms found in the report. The specific methodology for each topic (as relevant) is detailed in the relevant section in the body of this report as identified below.

| Analysis Type | Relevance | Assessment Methodology | Compliance Guidelines Targets | Reference section of this report |
|---------------|-------------------------------------|--------------------------------|-------------------------------|--|
| Daylight | Existing Neighbouring Buildings | Vertical Sky component | BR 209 (2022 Edition) | Section 5.0 – Impact on Neighbouring Buildings |
| Daylight | Proposed Development | Spatial Daylight Autonomy | BR 209 (2022 Edition) | Section 6.0 – Internal Daylight Analysis |
| Sunlight | Proposed Development Amenity Spaces | Sunlight Hours | BR 209 (2022 Edition) | Section 4.0 – Amenity sunlight Analysis |
| Sunlight | Existing neighbouring Buildings | Sunlight Hours | BR 209 (2022 Edition) | Section 4.0 – Amenity sunlight Analysis |
| Sunlight | Existing neighbouring Buildings | Annual Probable Sunlight Hours | BR 209 (2022 Edition) | Section 5.0 – Impact on Neighbouring Buildings |
| Sunlight | Proposed Development | Sunlight Exposure | BR 209 (2022 Edition) | Section 7.0 – Exposure to Sunlight |

Section 4.0 outlines the results for the assessed amenity spaces in accordance with BR 209. The proposed amenity spaces are predicted to receive excellent overall sunlight availability as **98%** of the overall ground level amenity space is determined to receive at least 2 hours of sunlight on 21st March, which is well above the recommended 50%. In addition, the **97%** of roof terrace amenity space on Building C and **85%** of roof terrace amenity space on Building DE is determined to receive at least 2 hours of sunlight on 21st March.

Impact of the proposed development on the Neighbouring buildings is determined in Section 5.0. The results determined that due to the massing and careful placement of the proposed blocks there would be **no impact** on neighbouring residences for daylight (VSC), Sunlight (APSH), impact on solar panels (APSH) nor sunlight to amenity spaces.

Internal daylight analysis, as detailed in section 6.0, has been undertaken for all kitchen/ living/ dining (KLD) and bedroom spaces throughout the proposed development. Units have been assessed based on BRE Guide requirement for the Spatial Daylight Autonomy target of over 50% floor area at 100 Lux for bedrooms and 200 Lux for KLDs. A high rate, **99%** of the rooms, were found to be compliant for BRE recommended guideline and detailed results are presented in Appendix A. As per Apartment Guidelines, where units were determined to not comply with the BRE guidelines, these have been identified and compensatory measures provided.

Section 7.0 included the results for the Exposure to Sunlight Analysis. This metric assesses the sunlight availability to the dwellings. The proposed development achieves a high compliance rate, with **94%** of units exceeding the minimum recommendations. Detailed results are included in Appendix B.

Impact of trees is outlined in Appendix C with BRE description with illustration of the area where the assessment was carried. The assessment found that the existing mature evergreen trees on the Western and North-Western side of block DE do not have critical impact on the neighbouring units in block DE.

Shadow Diagrams have been provided in Appendix D. These diagrams illustrate the site shading for the equinox and both winter and summer solstice.

In summary, this report confirms that best practice Sunlight and Daylight availability have been ensured for the proposed St. Vincent's Fairview development, with no impact on the existing neighbouring environment.

2.0 Standards and Guidelines

The following standards and guidance documents have been consulted when compiling this report to ensure compliance with the various Daylight and Sunlight requirements as applicable and relevant:

- a) Sustainable Urban Housing: Design Standards for New Apartments (2022 version) (the “**2022 Apartment Guidelines**”). These are guidelines issued under section 28 of the 2000 Planning and Development Act (as amended).
- b) Dublin City Development Plan 2022-2028, (“**DCC Development Plan**”).
- c) The Building Research Establishment’s (BRE) Site Layout Planning for Daylight and Sunlight: A guide to good practice (BRE 209) 3rd edition/ 2022 edition, (the “**BRE Guide**”).
- d) British Standard BS EN 17037:2018 – Daylight in Buildings (the “**2018 British EN Standard**”).
- e) Irish Standard IS EN 17037:2018 (the “**2018 Irish EN Standard**”).

It should be noted at the outset that the 2008 British Standard has been superseded by the 2018 British Standard, and BRE Guide 2nd Edition has been superseded by BRE Guide 2022 edition. Both previous revisions have now been withdrawn.

EN 17037:2018, which was approved by the Comité Européen de Normalisation (CEN) on 29 July 2018 has been adopted in the UK as BS EN 17037:2018, and in Ireland as IS EN 17037:2018. The texts of the 2018 British Standard and the 2018 Irish Standard are the same, with one exception. The exception is that the 2018 British Standard contains an additional “National Annex” which specifically sets out requirements within dwellings, to ensure some similarity to the now superseded 2008 British Standard.

The 2022 Apartment Guidelines state:

“6.5 The provision of acceptable levels of natural light in new apartment developments is an important planning consideration as it contributes to the liveability and amenity enjoyed by apartment residents. In assessing development proposals, planning authorities must however weigh up the overall quality of the design and layout of the scheme and the measures proposed to maximise daylight provision with the location of the site and the need to ensure an appropriate scale of urban residential development.”

“6.6 Planning authorities should avail of appropriate expert advice where necessary and have regard to quantitative performance approaches to daylight provision outlined in guides like A New European Standard for Daylighting in Buildings IS EN17037:2018, UK National Annex BS EN17037:2019 and the associated BRE Guide 209 2022 Edition (June 2022), or any relevant future standards or guidance specific to the Irish context, when undertaken by development proposers which offer the capability to satisfy minimum standards of daylight provision.”

“6.7 Where an applicant cannot fully meet all of the requirements of the daylight provisions above, this must be clearly identified and a rationale for any alternative, compensatory design solutions must be set out, which planning authorities should apply their discretion in accepting taking account of its assessment of specifics. This may arise due to design constraints associated with the site or location and the balancing of that assessment against the desirability of achieving wider planning objectives. Such objectives might include securing comprehensive urban regeneration and or an effective urban design and streetscape solution.”

DCC Development Plan

The Development Plan notes:

3.6 Understanding and Expectations

*The planning authority understand that, at present, there is some ambiguity in what may be considered the appropriate standard to apply for daylight and sunlight assessments. There is a period of transition at present, during which BS 8206-2 has been superseded, but the relevant guidance within BR 209 has not yet been updated. Thus, both BS 8206-2 and BS EN 17037 have relevance. As such, both for clarity and as an interim measure during this transition period, the planning authority will look to receive relevant metrics from BR 209, BS 8206-2 and BS EN 17037. **If, over the coming years, a revised version of BR 209 is to be issued, the guidance within this new version will take precedence. (EMPHASIS ADDED)***

The Document notes in 4.0 Relevant Metrics that “Where the text below is unclear or where there is ambiguity over a particular piece of information, the relevant standard and guidance document shall always take precedence.” Therefore, “Section 5.0 Assessment Methodologies” for proposed development included in the plan have been superseded and correct methodologies are noted below:

| 5.1 Performance of the Proposed Development | | Correct Methodology as per BR209 2022 |
|---|--|---|
| <i>Annual Probable Sunlight Hours on all relevant windows</i> | <i>Not an applicable metric for the proposed development as per BR209 (2022) instead Exposure to Sunlight assessment should be utilised.</i> | Exposure to Sunlight for each dwelling. |
| <i>Winter Sunlight Hours on all relevant windows</i> | <i>Not an applicable metric for the proposed development as per BR209 (2022) instead Exposure to Sunlight assessment should be utilised.</i> | Exposure to Sunlight for each dwelling. |
| <i>Sunlight on Ground in all amenity spaces</i> | <i>Correct Methodology</i> | Sunlight on Ground in all amenity spaces |
| <i>Average Daylight Factor in all habitable rooms</i> | <i>Not an applicable metric for the proposed development as per BR209 (2022)</i> | Spatial Daylight Autonomy (to achieve Target Illuminance) or Median Daylight Factor in all habitable rooms. |
| <i>No Sky Line in all habitable rooms</i> | <i>Not an applicable metric for the proposed development as per BR209 (2022)</i> | |
| <i>Target Illuminance in all habitable rooms</i> | <i>Spatial Daylight Autonomy (to achieve Target Illuminance) or Median Daylight Factor in all habitable rooms.</i> | |

Section 5.2 Impact on the Surrounding Properties, remains unchanged in the BRE Guide and is correct as included in the Development Plan.

The BRE Guide (2022 Edition)

The BRE Guide describes its purpose in the following terms in the “Summary” section (v):

“This guide gives advice on site layout planning to achieve good sunlighting and daylighting, both within buildings and in the open spaces between them. It is intended to be used in conjunction with the interior daylight recommendations for new buildings in the British Standard Daylight in buildings, BS EN 17037. It contains guidance on site layout to provide good natural lighting within a new development; safeguarding of daylight and sunlight within existing buildings nearby; and the protection of daylighting of adjoining land for future development.”

The BRE Guide also notes that:

“1.6 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.”

“1.7 The guidance here is intended for use in the United Kingdom and in the Republic of Ireland, though recommendations in the Irish Standard IS EN 17037 may vary from those in BS EN 17037. Many of the principles outlined will apply to other temperate climates. More specific guidance for other locations and climate types is given in BRE Report Environmental site layout planning.”

Therefore, if the situation arises where the targets identified within the Guide are not achieved, these should be highlighted and either justified in the context of the development / site or where relevant and applicable, compensatory measures will be proposed. However, the Guide does not impose absolute standards that must be achieved under all circumstances. In the context of this report, any deviations from the Guide’s recommendations have therefore been identified, with an approach throughout to ensure that good quality daylight/sunlight is achieved through analysis and design improvements as far as practicable and viable as detailed in the report as relevant.

The main sections in the guide that the assessments within this report will reference (as applicable) are:

1. Light from the Sky (Daylight).

1.1. New Development – Within Appendix C of the BRE Guide, the targets for internal daylight are provided for both optional methodologies, Climate Based Daylight Modelling (CBDM) with targets provided for Lux levels as determined through Spatial Daylight Autonomy (SDA), and Daylight Sky analysis with targets provided for Medium Daylight Factor (MDF), please refer to methodology section for detailed explanation of the methods utilised in this report.

1.2. Existing Buildings – The guide sets a quantitative assessment method for determining the impact of new developments on light from the sky (VSC) on existing neighbouring buildings.

2. Sunlighting – *Based on site location, longitude and latitude, and solar azimuths. i.e. buildings south of a site will not be impacted for sunlight in the northern hemisphere.*

2.1. New Development – The guide sets a quantitative method for determining sunlight to a habitable room within a dwelling.

2.2. Existing Buildings – The guide sets a quantitative assessment method for determining the impact of new developments on sunlight, annual probable sunlight hours (APSH) and winter probable sunlight hours (WPSH), on existing neighbouring buildings.

2.3. Gardens and open spaces – The amenity criteria set out is used for both proposed new amenity and the impact on existing neighbouring amenities.

The specific methodology for each topic (as relevant) is detailed in the relevant section in the body of this report.

The 2018 British and Irish Versions of the EN Standards

The EN 17037:2018 standard—which is the basis of both the 2018 British EN Standard and the 2018 Irish EN Standard considers a metric based on **median** daylight, in order to ensure both extent and a degree of uniformity of daylight.

“A space is considered to provide adequate daylight if a target illuminance level is achieved across a fraction of the reference plane within a space for at least half of the daylight hours.”

The National Annex

As is noted above, the 2018 British Standard includes a “National Annex”, containing “Further recommendations and data for daylight provision in the UK and Channel Islands”. This is referenced further in the appendix of this report. As there is no equivalent in the 2018 Irish Standard, the 2018 British Standard National Annex will be referenced, which states:

“NA.1 Introduction: The UK committee supports the recommendations for daylight in buildings given in BS EN 17037:2018; however, it is the opinion of the UK committee that the recommendations for daylight provision in a space (see Clause A.2) may not be achievable for some buildings, particularly dwellings. The UK committee believes this could be the case for dwellings with basement rooms or those with significant external obstructions (for example, dwellings situated in a dense urban area or with tall trees outside), or for existing buildings being refurbished or converted into dwellings. This National Annex therefore provides the UK committee’s guidance on minimum daylight provision in all UK dwellings.”

NA.2 addresses minimum daylight provision in UK dwellings. It contains a table, in which target illuminance, ET (lx), levels are recommended for different room types. These are: bedroom at 100 lx; living room at 150 lx; and kitchen at 200 lx, which may be compared to EN 17037’s recommendation of 300 lux (irrespective of room application). The commentary is as follows:

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

3.0 Glossary

Working Plane

The working plane is the notional plane where visual tasks, and on which predicted light levels would normally be undertaken. For a residential assessment, the working plane is defined by BR209 at 850mm above floor level.

Climate Based Daylight Modelling

Climate based daylight modelling, also referred to as CBDM, involves the use of a detailed daylight calculation methods where hourly (or sub-hourly) internal daylight illuminance values for a typical year are computed using hourly (or sub-hourly) sky and sun conditions derived from climate data appropriate to the site. Unlike the DF methodology, CBDM assessments are therefore orientation dependent: i.e. a south facing window would be expected to receive more daylight than north facing etc. This calculation method determines daylight provision directly from simulated illuminance values on the working plane with results determined in lux (a measure of light). CBDM is utilised for compliance with EN 17037 method 2 Spatial Daylight Autonomy (SDA).

Spatial Daylight Autonomy

Climate based daylight modelling, also referred to as CBDM, involves the use of a detailed daylight calculation methods where hourly (or sub-hourly) internal daylight illuminance values for a typical year are computed using hourly (or sub-hourly) sky and sun conditions derived

from climate data appropriate to the site. Unlike the DF methodology, CBDM assessments are therefore orientation dependent: i.e. a south facing window would be expected to receive more daylight than north facing etc.

This calculation method determines daylight provision directly from simulated illuminance values on the working plane with results determined in lux (a measure of light). CBDM is utilised for compliance with EN 17037 method 2 Spatial Daylight Autonomy (SDA).

Sunlight Exposure

Sunlight exposure is assessed on a window of at least one habitable room per dwelling (preferably a living room) for the number of hours of direct sunlight exposure on the 21st March.

Probable Sunlight Hours

Annual probable sunlight hours and winter probable sunlight hours, also referred to as APSH and WPSH, are used for the assessment of impact on neighbouring buildings by a proposed development. APSH and WPSH are a measure of probable direct sunlight to a window or surface and therefore are only relevant to windows within 90 degrees of south for buildings in the northern hemisphere. Therefore, any window with a northerly aspect (i.e. orientated between North and East and North and West) is therefore not assessed within the methodology.

Vertical Sky Component

Vertical Sky Component, also referred to as VSC, is used for the assessment of impact on neighbouring buildings by a proposed development with respect to daylight availability. VSC is a measure of the percentage of illuminance that a point can receive from the CIE Overcast Sky as a percentage of that received at unobstructed horizontal locations. In simple terms, how much of the sky that can be seen for a given point. VSC assessments do not include reflected light. VSC is calculated for compliance with BR209 as detailed below.

Amenity Sunlight

Amenity sunlight is a measure of direct daylight received on an area over the duration of 21st March based on the sun's solar position for a geographical location. As the 21st March is the solar equinox, the sun is at its mid-point of travel position through the year, therefore representing an average condition throughout the year of how well sunlit an amenity space will be. It may be noted that in the Northern Hemisphere, the sun rises due east and sets due west. Amenity sunlight is calculated for compliance with BR209 as detailed below.

4.0 Amenity Sunlight Analysis

4.1 Methodology

The BRE Site Layout Planning for Daylight and Sunlight Design Guide 209 provides guidance with regards to sunlighting and shading to external Amenity spaces within proposed developments.

The guidance recommends “that for it to appear adequately sunlit throughout the year, at least half of a garden or amenity area should receive at least two hours of sunlight on 21st March”.

The methodology assesses sunlight performance at the Equinox, as this is the mid solar position throughout the year (as illustrated in Fig.4.1.1), with compliance indicative of spaces that will receive adequate sunlight and appealing useful spaces, including that the following attributes will be achieved as identified in BRE.209:

- Provide attractive sunlit views (all year)
- Make Outdoor Activities like sitting out and children’s play more pleasant (mainly warmer months).
- Encourage plant growth (mainly spring and summer).
- Dry out the ground, reducing moss and slime (mainly in colder months).

An example analysis of Amenity Spaces is indicated in Figure 4.1.2. In this development, the main amenity space (to right hand side) is located to the North of a building block which provides some degree of overshadowing (dark green contours).

However, as the majority of the Amenity Space was determined to be able to receive at least 2 hours of sunlight at the Equinox (light green contours), this would be deemed to be compliant.

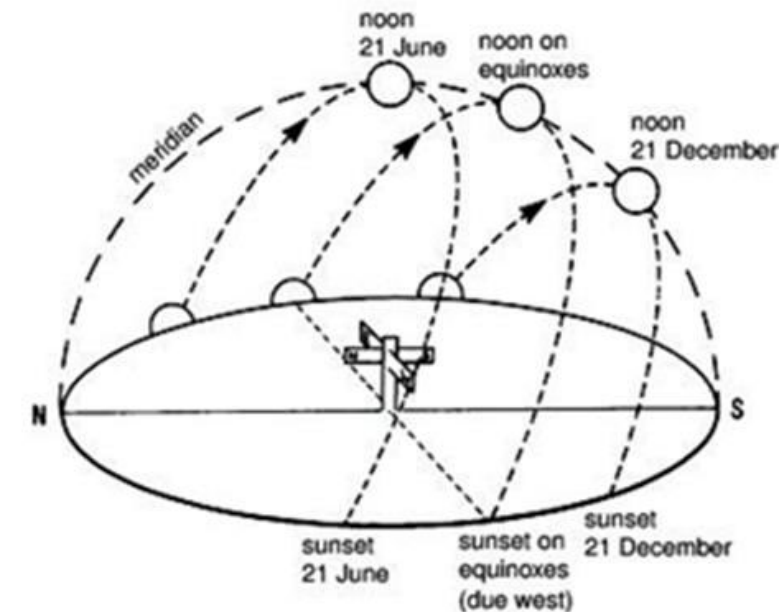


Fig 4.1.1 – Annual Solar Position

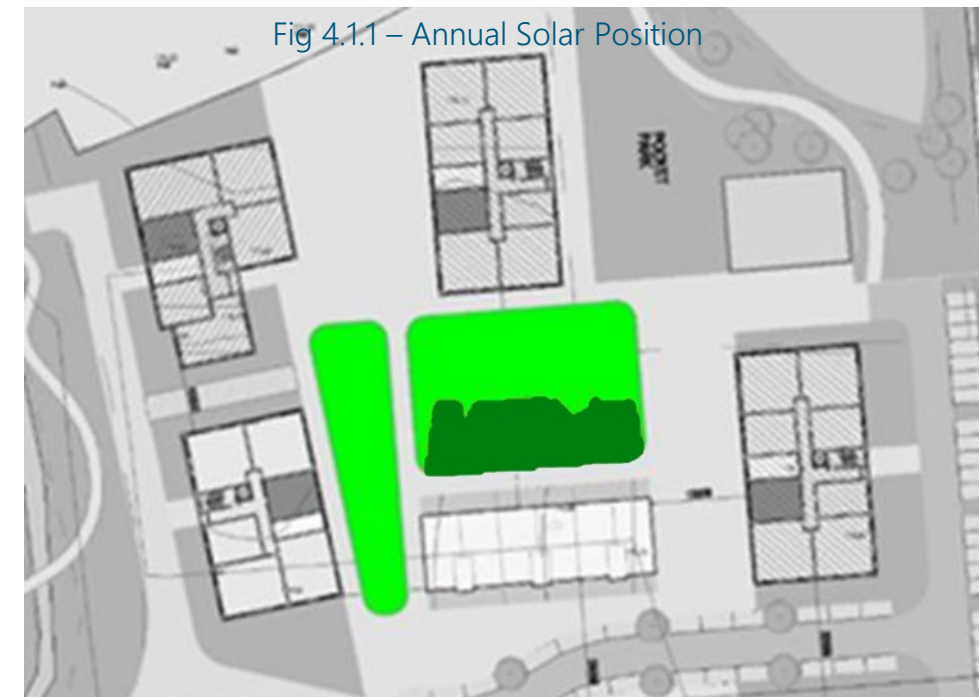


Fig 4.1.2 – Example Analysis

4.2 Communal and Public Amenity Spaces – Ground Level

Annual sunlight availability was analysed for proposed communal and public amenity spaces across the development, calculating the extent of each area that can receive at least 2 hours of potential sunlight during the equinox day.

Results for the proposed development are detailed in Figure 4.2, demonstrating each of the amenity spaces easily achieve compliance with the BRE guidance of over 50% of amenity space receiving two hours or more of sunlight on 21st March. **98%** of ground level space receive the required level of sunlight.

Sunlight availability to neighbouring private (garden) and public amenity spaces is illustrated by shadow diagrams in Appendix D. These diagrams demonstrate that each of these spaces receive at least 2 hours of sunlight on 21st March.

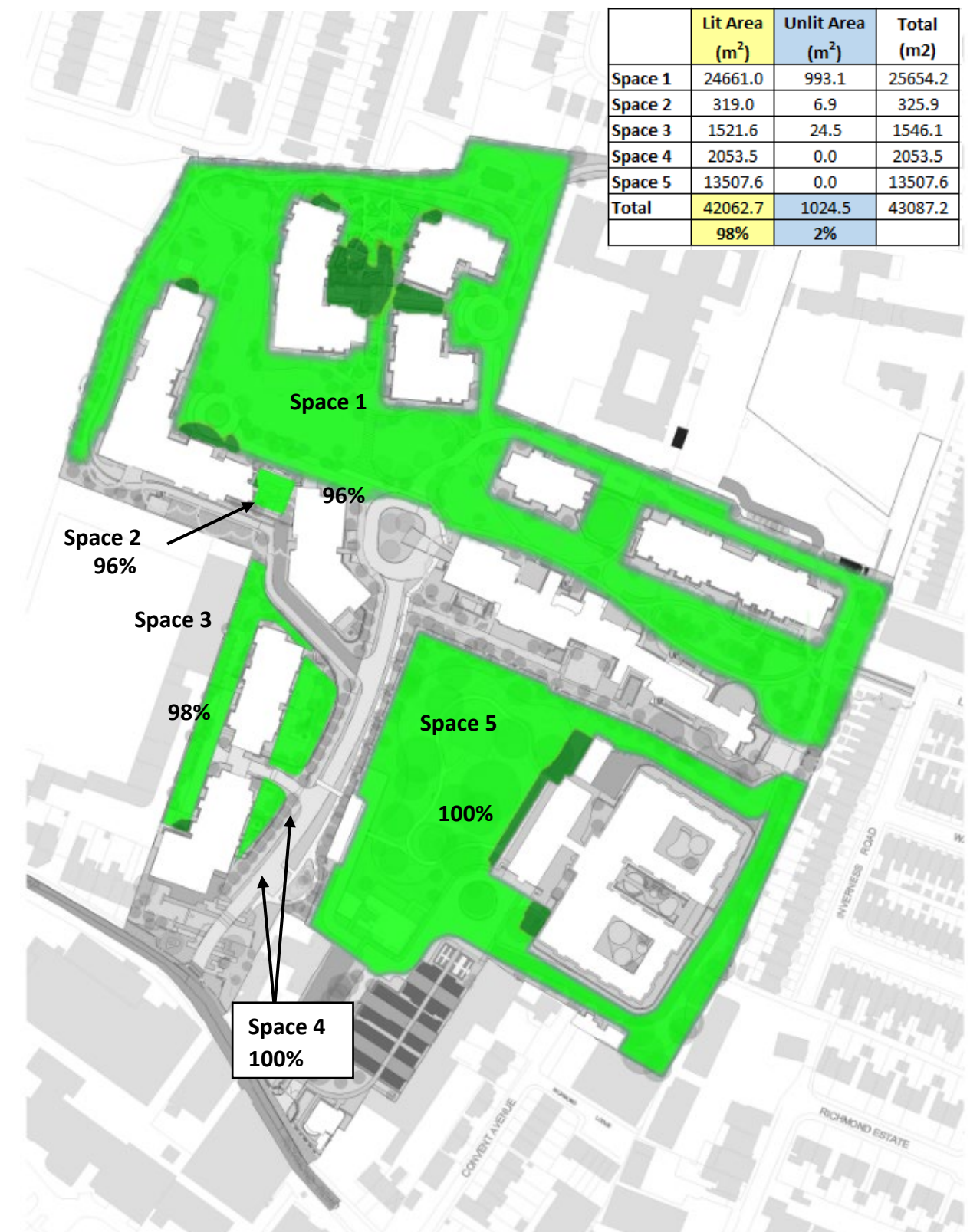


Fig 4.2 – Amenity Area Sunlight Availability – Ground Level

4.3 Communal and Public Amenity Spaces – Roof Level

Annual sunlight availability was also analysed for Blocks C, D & E roof level outdoor amenity spaces.

Figure 4.3.1-4.3.2 illustrates the results determined for each roof level amenity space, indicating the predicted percentage area that could achieve at least 2 hours sunlight in accordance with the methodology.

Overall, these amenity spaces were found to be compliant with the guidelines. **97%** of Block C and **85%** Blocks D & E roof level amenity space as assessed is determined to be compliant, receiving at least 2 hours of direct sunlight on 21st March as defined within the guidance.

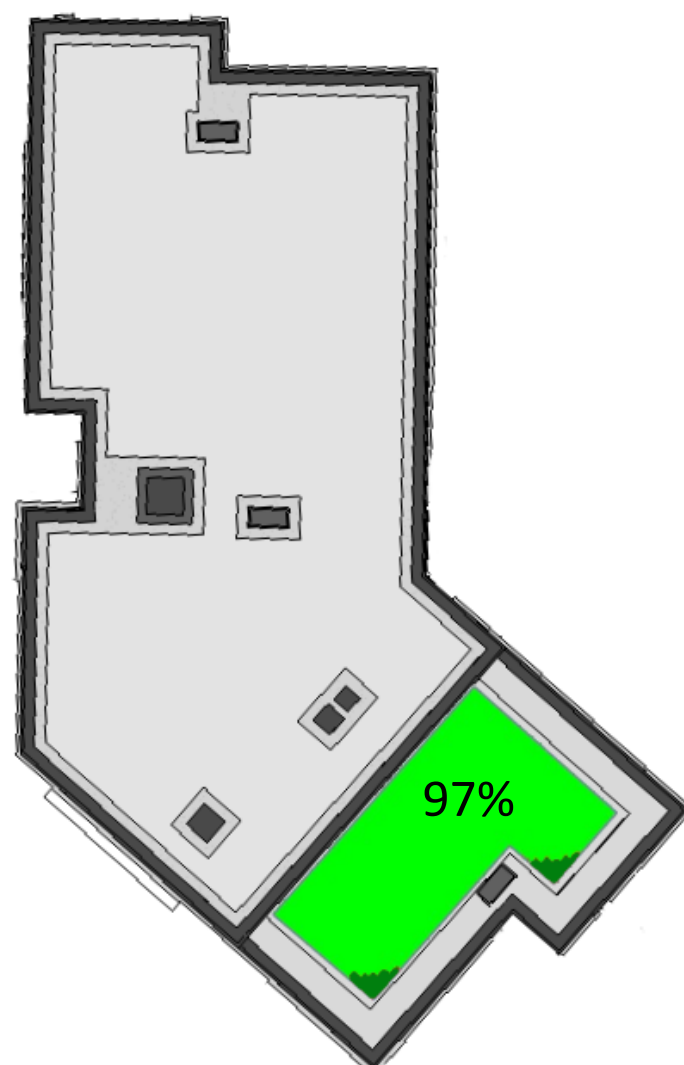


Fig 4.3.1 – Amenity Area Sunlight Availability – Block C Roof Level

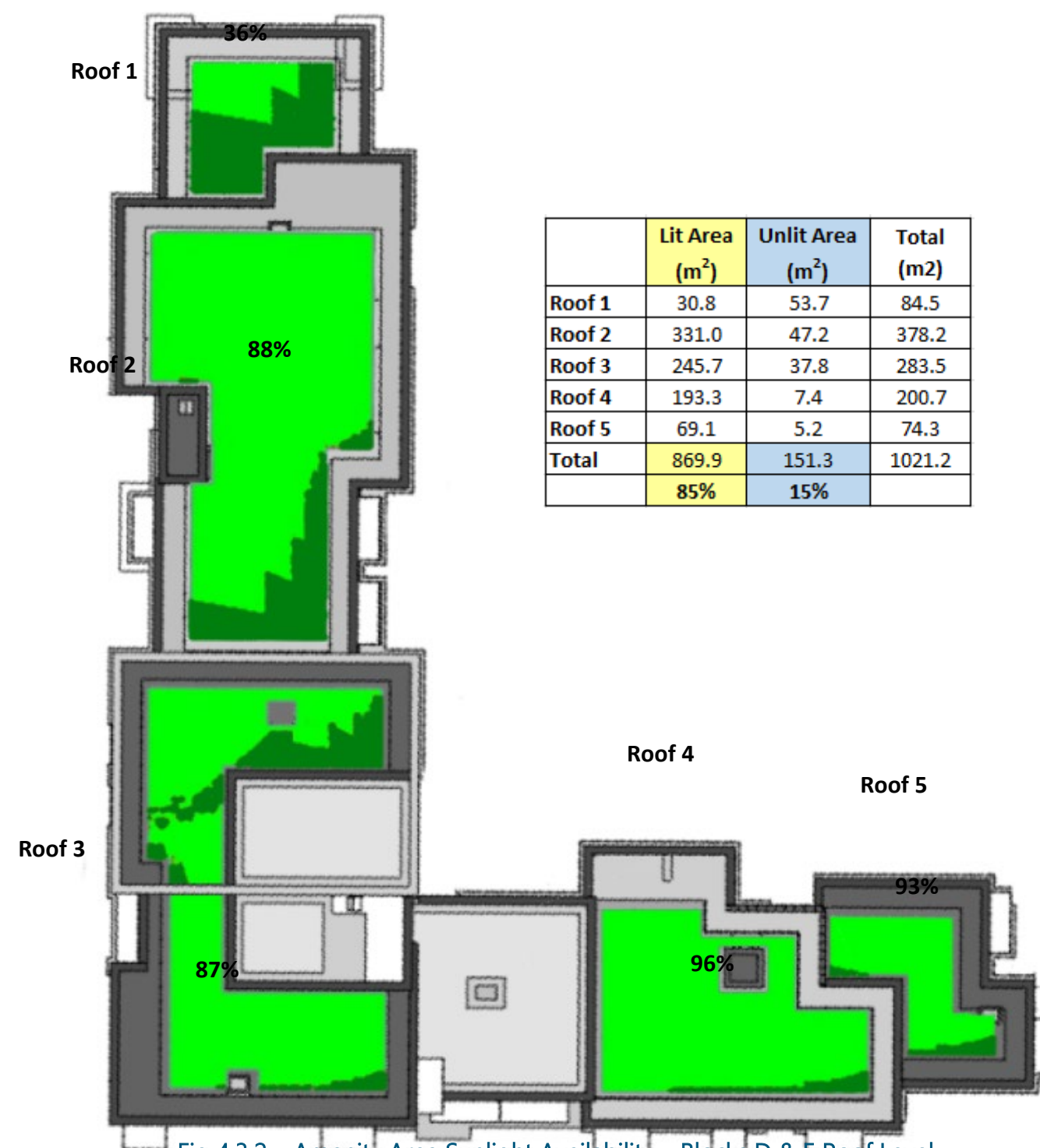


Fig 4.3.2 – Amenity Area Sunlight Availability – Blocks D & E Roof Level

5.0 Impact on Neighbouring Buildings

5.1 Guidance

As set out within the introduction, the impact on existing buildings can be assessed utilising quantitative assessment method as detailed in the BRE publication “Site Layout Planning for Daylight and Sunlight – A guide to good Practice (Third Edition)” which includes the following methodologies:

Light from the Sky

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

- *The VSC (Vertical Sky Component) measured at the centre of an existing main window is less than 27%, and less than 0.8 times its former value.”*

The analysis is based on measuring the VSC at the existing main windows. As per the BRE Guide, main windows included, living rooms, kitchens, and bedrooms. Existing windows with VSC above 27% after proposed development are considered to still receive good daylight availability and therefore not adversely affected.

Sunlighting

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

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

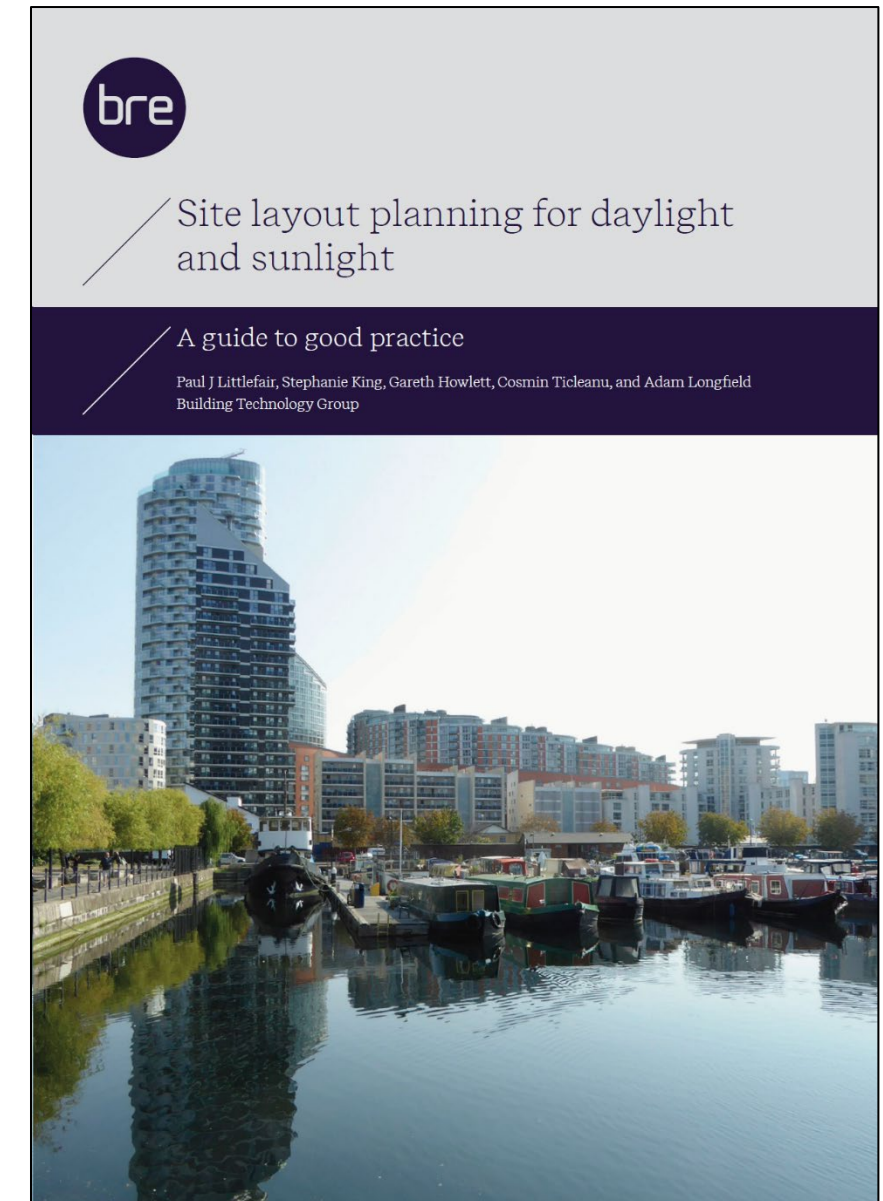


Fig 5.1.1 – BRE publication “Site Layout Planning for Daylight and Sunlight – A guide to good practice (Third Edition)

5.2 Methodology

An analysis was undertaken by calculating daylight and sunlight availability for the existing vs. proposed development for window locations on the neighbouring buildings which have the potential to be impacted as indicated Further overleaf in Figures 5.2.1 – 5.2.5.

The following neighbouring buildings were assessed.

- 16,18, 20 and 24-30 Grace Park Grove along with Apartments
- 1-9, and 11 Grace Park Close
- 46-51 Griffith Court
- 1-23 Inverness Road

3D models of both the existing site and proposed developments were produced for VSC and APSH assessment. The analysis determined daylight and sunlight availability for existing vs proposed conditions at window locations on the façade of each neighbouring dwelling.

The analysis assesses main windows including living rooms and conservatories. Windows to intermittently utilised spaces such as corridors or WC's were excluded from the analysis.

It may be noted that Daylight availability (VSC) is applicable to all windows, regardless of orientation. Sunlight availability (APSH) is only applicable to windows facing within 90° of due south, due to the sun path in the northern hemisphere. Therefore, not all neighbouring buildings are applicable for the Sunlight availability assessment.

5.2 Methodology (Cont'd)

The Figures below illustrate the assessed neighbouring dwellings:



Fig 5.2.1 – Google Maps Image of Neighboring Dwellings on Grace Park Grove & CI



Fig 5.2.2 – Google Maps Image of Neighboring Dwellings on Grace Park CI



Fig 5.2.3 – Google Maps Image of Neighboring Dwellings on Griffith Court



Fig 5.2.4 – Google Maps Image of Neighboring Dwellings on Grace Park Grove



Fig 5.2.5 – Google Maps Image of for Neighboring Dwellings on Inverness Road

5.3 Results – VSC Daylight

The below tables present the VSC results for all neighbouring dwellings analysed. This assessment determined that daylight (VSC) to all neighbouring dwellings assessed will not be adversely impacted.

| Room Ref | VSC Existing (%) | VSC Proposed (%) | Proposed/ Existing | Criterion 1 VSC Proposed < 27% | Criterion 2 Ann or Win <80% of Baseline | OVERALL COMPLIANCE |
|------------------------------|------------------|------------------|--------------------|--------------------------------|---|--------------------|
| Apartment Block First FL | 35.3 | 33.6 | 0.96 | Yes | Yes | Pass |
| Apartment Block First FL | 35.0 | 33.7 | 0.97 | Yes | Yes | Pass |
| Apartment Block First FL | 35.0 | 33.7 | 0.97 | Yes | Yes | Pass |
| Apartment Block First FL | 38.9 | 35.1 | 0.91 | Yes | Yes | Pass |
| Apartment Block First FL | 31.8 | 30.1 | 0.95 | Yes | Yes | Pass |
| Apartment Block Ground FL | 31.3 | 30.0 | 0.96 | Yes | Yes | Pass |
| Apartment Block Ground FL | 31.7 | 30.1 | 0.95 | Yes | Yes | Pass |
| Apartment Block Ground FL | 32.1 | 30.1 | 0.94 | Yes | Yes | Pass |
| Apartment Block Ground FL | 38.2 | 34.3 | 0.90 | Yes | Yes | Pass |
| Apartment Block Ground FL | 31.1 | 29.5 | 0.95 | Yes | Yes | Pass |
| Apartment Block Second FL | 38.0 | 36.5 | 0.96 | Yes | Yes | Pass |
| Apartment Block Second FL | 38.0 | 36.5 | 0.97 | Yes | Yes | Pass |
| Apartment Block Second FL | 37.9 | 36.6 | 0.97 | Yes | Yes | Pass |
| Apartment Block Second FL | 38.9 | 36.0 | 0.93 | Yes | Yes | Pass |
| Apartment Block Second FL | 32.5 | 31.0 | 0.96 | Yes | Yes | Pass |
| Apartment Block Third FL | 38.9 | 37.6 | 0.97 | Yes | Yes | Pass |
| Apartment Block Third FL | 38.9 | 37.8 | 0.98 | Yes | Yes | Pass |
| Apartment Block Third FL | 38.9 | 37.9 | 0.98 | Yes | Yes | Pass |
| Apartment Block Third FL | 38.9 | 36.6 | 0.94 | Yes | Yes | Pass |
| Apartment Block Third FL | 34.7 | 33.5 | 0.97 | Yes | Yes | Pass |
| Grace Park CI 1 First FL | 33.3 | 29.0 | 0.88 | Yes | Yes | Pass |
| Grace Park CI 1 Ground FL | 36.7 | 34.7 | 0.95 | Yes | Yes | Pass |
| Grace Park CI 1 Ground FL | 37.4 | 35.2 | 0.95 | Yes | Yes | Pass |
| Grace Park CI 1 Ground FL | 32.3 | 29.6 | 0.92 | Yes | Yes | Pass |
| Grace Park CI 1 Ground FL | 27.5 | 23.0 | 0.84 | No | Yes | Pass |
| Grace Park CI 11 | 31.3 | 31.1 | 1.00 | Yes | Yes | Pass |
| Grace Park CI 2 | 37.7 | 37.2 | 0.99 | Yes | Yes | Pass |
| Grace Park CI 3 | 36.5 | 35.0 | 0.96 | Yes | Yes | Pass |
| Grace Park CI 5 | 35.0 | 33.8 | 0.97 | Yes | Yes | Pass |
| Grace Park CI 4 | 33.7 | 33.7 | 1.00 | Yes | Yes | Pass |
| Grace Park CI 4 | 37.7 | 37.3 | 1.00 | Yes | Yes | Pass |
| Grace Park CI 6 | 37.5 | 37.2 | 1.00 | Yes | Yes | Pass |
| Grace Park CI 6 | 29.6 | 29.6 | 1.00 | Yes | Yes | Pass |
| Grace Park CI 7 | 32.6 | 31.9 | 0.98 | Yes | Yes | Pass |
| Grace Park CI 8 | 36.9 | 36.8 | 1.00 | Yes | Yes | Pass |
| Grace Park CI 9 | 31.6 | 31.2 | 0.99 | Yes | Yes | Pass |
| Grace Park Grove 16 | 36.1 | 33.7 | 0.94 | Yes | Yes | Pass |
| Grace Park Grove 16 | 35.9 | 33.6 | 0.94 | Yes | Yes | Pass |
| Grace Park Grove 18 First FL | 36.2 | 33.5 | 0.93 | Yes | Yes | Pass |
| Grace Park Grove 18 First FL | 29.9 | 26.8 | 0.90 | No | Yes | Pass |
| Grace Park Grove 18 First FL | 38.9 | 32.9 | 0.85 | Yes | Yes | Pass |

Fig 5.3.1 – VSC results (Existing vs Proposed)

| Room Ref | VSC Existing (%) | VSC Proposed (%) | Proposed/ Existing | Criterion 1 VSC Proposed < 27% | Criterion 2 Ann or Win <80% of Baseline | OVERALL COMPLIANCE |
|-------------------------------|------------------|------------------|--------------------|--------------------------------|---|--------------------|
| Grace Park Grove 18 Ground FL | 32.4 | 29.2 | 0.90 | Yes | Yes | Pass |
| Grace Park Grove 18 Ground FL | 35.1 | 30.5 | 0.87 | Yes | Yes | Pass |
| Grace Park Grove 18 Ground FL | 33.2 | 30.1 | 0.91 | Yes | Yes | Pass |
| Grace Park Grove 18 Ground FL | 25.3 | 20.5 | 0.82 | No | Yes | Pass |
| Grace Park Grove 18 Ground FL | 25.7 | 23.0 | 0.90 | No | Yes | Pass |
| Grace Park Grove 18 Second FL | 38.9 | 33.8 | 0.87 | Yes | Yes | Pass |
| Grace Park Grove 20 | 29.4 | 28.2 | 0.97 | Yes | Yes | Pass |
| Grace Park Grove 20 Solar | 88.8 | 87.6 | 0.99 | Yes | Yes | Pass |
| Grace Park Grove 24 | 31.1 | 30.6 | 0.99 | Yes | Yes | Pass |
| Grace Park Grove 26 | 30.9 | 30.3 | 0.98 | Yes | Yes | Pass |
| Grace Park Grove 28 | 25.4 | 25.4 | 1.00 | No | Yes | Pass |
| Grace Park Grove 28 | 29.9 | 29.5 | 0.99 | Yes | Yes | Pass |
| Grace Park Grove 30 | 28.9 | 28.7 | 1.00 | Yes | Yes | Pass |
| Grace Park Grove 30 | 23.5 | 23.5 | 1.00 | No | Yes | Pass |
| Griffith Ct 46 | 36.6 | 35.1 | 0.96 | Yes | Yes | Pass |
| Griffith Ct 47 | 35.4 | 33.9 | 0.96 | Yes | Yes | Pass |
| Griffith Ct 47 | 36.1 | 34.6 | 0.96 | Yes | Yes | Pass |
| Griffith Ct 48 | 36.3 | 35.2 | 0.98 | Yes | Yes | Pass |
| Griffith Ct 48 | 28.0 | 27.6 | 0.99 | Yes | Yes | Pass |
| Griffith Ct 49 | 36.0 | 35.3 | 0.99 | Yes | Yes | Pass |
| Griffith Ct 50 | 36.1 | 35.3 | 0.98 | Yes | Yes | Pass |
| Griffith Ct 50 | 35.5 | 35.0 | 0.99 | Yes | Yes | Pass |
| Griffith Ct 51 | 36.2 | 35.5 | 0.99 | Yes | Yes | Pass |
| Iverness Rd 1 | 36.7 | 36.1 | 0.99 | Yes | Yes | Pass |
| Iverness Rd 1 | 36.2 | 35.4 | 0.98 | Yes | Yes | Pass |
| Iverness Rd 10 | 37.1 | 35.8 | 0.97 | Yes | Yes | Pass |
| Iverness Rd 11 | 32.8 | 31.7 | 0.97 | Yes | Yes | Pass |
| Iverness Rd 12 | 34.4 | 33.3 | 0.97 | Yes | Yes | Pass |
| Iverness Rd 13 | 36.4 | 34.7 | 0.96 | Yes | Yes | Pass |
| Iverness Rd 14 | 27.7 | 27.1 | 0.98 | Yes | Yes | Pass |
| Iverness Rd 15 | 35.6 | 33.9 | 0.95 | Yes | Yes | Pass |
| Iverness Rd 16 | 34.8 | 33.0 | 0.95 | Yes | Yes | Pass |
| Iverness Rd 17 | 18.1 | 17.6 | 0.98 | No | Yes | Pass |
| Iverness Rd 18 | 28.6 | 27.9 | 0.98 | Yes | Yes | Pass |
| Iverness Rd 19 | 37.0 | 33.8 | 0.92 | Yes | Yes | Pass |
| Iverness Rd 2 | 29.4 | 29.2 | 1.00 | Yes | Yes | Pass |
| Iverness Rd 20 | 36.1 | 32.8 | 0.91 | Yes | Yes | Pass |
| Iverness Rd 21 | 34.6 | 30.9 | 0.90 | Yes | Yes | Pass |
| Iverness Rd 22 | 37.2 | 32.6 | 0.88 | Yes | Yes | Pass |
| Iverness Rd 23 | 35.6 | 31.5 | 0.89 | Yes | Yes | Pass |
| Iverness Rd 23 | 34.1 | 32.1 | 0.95 | Yes | Yes | Pass |
| Iverness Rd 3 | 30.0 | 29.0 | 0.97 | Yes | Yes | Pass |
| Iverness Rd 4 | 35.7 | 34.3 | 0.96 | Yes | Yes | Pass |
| Iverness Rd 5 | 35.8 | 34.5 | 0.97 | Yes | Yes | Pass |
| Iverness Rd 6 | 37.3 | 35.5 | 0.96 | Yes | Yes | Pass |
| Iverness Rd 7 | 35.1 | 34.1 | 0.98 | Yes | Yes | Pass |
| Iverness Rd 8 | 36.9 | 35.5 | 0.97 | Yes | Yes | Pass |
| Iverness Rd 9 | 36.2 | 35.5 | 0.99 | Yes | Yes | Pass |

Fig 5.3.1 – VSC results (Existing vs Proposed)

5.4 Results – APSH Sunlight

The below tables (Fig 5.4.1 and 5.4.2) present the APSH (sunlight availability) of the existing vs proposed conditions for the neighbouring dwellings. It may be noted, Sunlight availability (APSH) is only applicable to windows facing within 90° of due south, due to the sun path in the northern hemisphere, therefore not all neighbouring dwellings are eligible for this assessment.

All windows analysed are determined to continue to receive excellent levels of sunlight availability on an annual basis. Windows are determined to receive between 45-77% of APSH, and between 7-23% of winter probable sunlight hours (WPSH), which far exceeds the values required to be compliant with Criterion 1 (25% APSH and 5% WPSH respectively).

It may be noted that, as outlined in Section 5.1 above, a window is considered to be fully compliant with the methodology utilised if it passes on any one of the three criteria of assessment.

| Room Ref | Annual Ex (%) | Annual Pr (%) | Pr/Ex | Winter Ex (%) | Winter Pr (%) | Winter Pr/Ex | Total Potential Annual Sunny Hours | Max Allowable Ann Reduction | Actual Ann Reduction | Criterion 1 Ann < 25% or Win < 5% | Criterion 2 Ann or Win < 80% of Ex | Criterion 3 Ann reduction > 4% | OVERALL COMPLIANCE |
|---------------------------|---------------|---------------|-------|---------------|---------------|--------------|------------------------------------|-----------------------------|----------------------|-----------------------------------|------------------------------------|--------------------------------|--------------------|
| Apartment Block First FL | 59 | 54 | 0.92 | 21 | 16 | 0.77 | 1277 | 51 | 64 | Pass | Fail | Fail | Pass |
| Apartment Block First FL | 59 | 54 | 0.92 | 20 | 16 | 0.77 | 1277 | 51 | 64 | Pass | Fail | Fail | Pass |
| Apartment Block First FL | 59 | 54 | 0.92 | 20 | 16 | 0.78 | 1277 | 51 | 64 | Pass | Fail | Fail | Pass |
| Apartment Block First FL | 84 | 77 | 0.91 | 31 | 23 | 0.76 | 1277 | 51 | 89 | Pass | Fail | Fail | Pass |
| Apartment Block First FL | 58 | 56 | 0.97 | 18 | 16 | 0.9 | 1277 | 51 | 26 | Pass | Pass | Pass | Pass |
| Apartment Block Ground FL | 51 | 46 | 0.9 | 18 | 13 | 0.72 | 1277 | 51 | 64 | Pass | Fail | Fail | Pass |
| Apartment Block Ground FL | 53 | 46 | 0.88 | 19 | 13 | 0.67 | 1277 | 51 | 89 | Pass | Fail | Fail | Pass |
| Apartment Block Ground FL | 53 | 47 | 0.88 | 19 | 13 | 0.66 | 1277 | 51 | 77 | Pass | Fail | Fail | Pass |
| Apartment Block Ground FL | 84 | 75 | 0.89 | 31 | 21 | 0.69 | 1277 | 51 | 115 | Pass | Fail | Fail | Pass |
| Apartment Block Ground FL | 58 | 55 | 0.96 | 18 | 16 | 0.86 | 1277 | 51 | 38 | Pass | Pass | Pass | Pass |
| Apartment Block Second FL | 65 | 61 | 0.94 | 24 | 20 | 0.84 | 1277 | 51 | 51 | Pass | Pass | Pass | Pass |
| Apartment Block Second FL | 65 | 62 | 0.95 | 23 | 20 | 0.87 | 1277 | 51 | 38 | Pass | Pass | Pass | Pass |
| Apartment Block Second FL | 65 | 62 | 0.96 | 23 | 20 | 0.88 | 1277 | 51 | 38 | Pass | Pass | Pass | Pass |
| Apartment Block Second FL | 85 | 79 | 0.93 | 31 | 25 | 0.8 | 1277 | 51 | 77 | Pass | Pass | Fail | Pass |
| Apartment Block Second FL | 58 | 57 | 0.98 | 18 | 17 | 0.94 | 1277 | 51 | 13 | Pass | Pass | Pass | Pass |
| Apartment Block Third FL | 66 | 64 | 0.97 | 24 | 22 | 0.92 | 1277 | 51 | 26 | Pass | Pass | Pass | Pass |
| Apartment Block Third FL | 66 | 64 | 0.97 | 24 | 22 | 0.92 | 1277 | 51 | 26 | Pass | Pass | Pass | Pass |
| Apartment Block Third FL | 66 | 64 | 0.97 | 24 | 22 | 0.92 | 1277 | 51 | 26 | Pass | Pass | Pass | Pass |
| Apartment Block Third FL | 85 | 80 | 0.95 | 31 | 27 | 0.86 | 1277 | 51 | 64 | Pass | Pass | Fail | Pass |
| Apartment Block Third FL | 68 | 68 | 0.99 | 19 | 19 | 0.98 | 1277 | 51 | 0 | Pass | Pass | Pass | Pass |
| Grace Park CI 1 First FL | 65 | 61 | 0.94 | 16 | 12 | 0.75 | 1277 | 51 | 51 | Pass | Fail | Pass | Pass |
| Grace Park CI 1 Ground FL | 63 | 55 | 0.88 | 22 | 15 | 0.65 | 1277 | 51 | 102 | Pass | Fail | Fail | Pass |
| Grace Park CI 1 Ground FL | 64 | 57 | 0.88 | 24 | 16 | 0.69 | 1277 | 51 | 89 | Pass | Fail | Fail | Pass |
| Grace Park CI 1 Ground FL | 74 | 68 | 0.92 | 20 | 14 | 0.72 | 1277 | 51 | 77 | Pass | Fail | Fail | Pass |
| Grace Park CI 1 Ground FL | 52 | 45 | 0.88 | 14 | 8 | 0.56 | 1277 | 51 | 89 | Pass | Fail | Fail | Pass |
| Grace Park CI 11 | 50 | 50 | 1 | 16 | 16 | 1 | 1277 | 51 | 0 | Pass | Pass | Pass | Pass |
| Grace Park CI 2 | 64 | 63 | 0.98 | 23 | 22 | 0.95 | 1277 | 51 | 13 | Pass | Pass | Pass | Pass |
| Grace Park CI 3 | 61 | 55 | 0.9 | 24 | 18 | 0.76 | 1277 | 51 | 77 | Pass | Fail | Fail | Pass |
| Grace Park CI 5 | 58 | 55 | 0.94 | 23 | 20 | 0.86 | 1277 | 51 | 38 | Pass | Pass | Pass | Pass |
| Grace Park CI 4 | 47 | 47 | 1 | 7 | 7 | 1 | 1277 | 51 | 0 | Pass | Pass | Pass | Pass |
| Grace Park CI 4 | 64 | 63 | 0.99 | 23 | 23 | 0.97 | 1277 | 51 | 13 | Pass | Pass | Pass | Pass |
| Grace Park CI 6 | 64 | 63 | 0.99 | 23 | 23 | 0.98 | 1277 | 51 | 13 | Pass | Pass | Pass | Pass |
| Grace Park CI 6 | 53 | 53 | 1 | 17 | 17 | 1 | 1277 | 51 | 0 | Pass | Pass | Pass | Pass |
| Grace Park CI 7 | 53 | 52 | 0.98 | 19 | 18 | 0.95 | 1277 | 51 | 13 | Pass | Pass | Pass | Pass |
| Grace Park CI 8 | 61 | 61 | 1 | 20 | 20 | 1 | 1277 | 51 | 0 | Pass | Pass | Pass | Pass |
| Grace Park CI 9 | 50 | 50 | 1 | 16 | 16 | 1 | 1277 | 51 | 0 | Pass | Pass | Pass | Pass |

Figure 5.4.1 – APSH Results (Existing vs Proposed) (1 of 2)

5.4 Results – APSH Sunlight (cont'd)

| Room Ref | | Annual Ex (%) | Annual Pr (%) | Pr/Ex | Winter Ex (%) | Winter Pr (%) | Winter Pr/Ex | Total Potential Annual Sunny Hours | Max Allowable Ann Reduction | Actual Ann Reduction | | Criterion 1 Ann < 25% or Win < 5% | Criterion 2 Ann or Win < 80% of Ex | Criterion 3 Ann reduction > 4% | OVERALL COMPLIANCE |
|-------------------------------|--|---------------|---------------|-------|---------------|---------------|--------------|------------------------------------|-----------------------------|----------------------|--|-----------------------------------|------------------------------------|--------------------------------|--------------------|
| Grace Park Grove 16 | | 60 | 54 | 0.9 | 24 | 18 | 0.74 | 1277 | 51 | 77 | | Pass | Fail | Fail | Pass |
| Grace Park Grove 16 | | 61 | 56 | 0.91 | 24 | 18 | 0.77 | 1277 | 51 | 64 | | Pass | Fail | Fail | Pass |
| Grace Park Grove 18 First FL | | 61 | 52 | 0.85 | 24 | 14 | 0.61 | 1277 | 51 | 115 | | Pass | Fail | Fail | Pass |
| Grace Park Grove 18 First FL | | 57 | 45 | 0.8 | 24 | 13 | 0.53 | 1277 | 51 | 153 | | Pass | Fail | Fail | Pass |
| Grace Park Grove 18 First FL | | 85 | 73 | 0.86 | 31 | 19 | 0.61 | 1277 | 51 | 153 | | Pass | Fail | Fail | Pass |
| Grace Park Grove 18 Ground FL | | 74 | 67 | 0.9 | 20 | 13 | 0.64 | 1277 | 51 | 89 | | Pass | Fail | Fail | Pass |
| Grace Park Grove 18 Ground FL | | 83 | 70 | 0.84 | 29 | 16 | 0.55 | 1277 | 51 | 166 | | Pass | Fail | Fail | Pass |
| Grace Park Grove 18 Ground FL | | 57 | 44 | 0.78 | 23 | 11 | 0.47 | 1277 | 51 | 166 | | Pass | Fail | Fail | Pass |
| Grace Park Grove 18 Ground FL | | 57 | 46 | 0.81 | 24 | 13 | 0.54 | 1277 | 51 | 140 | | Pass | Fail | Fail | Pass |
| Grace Park Grove 18 Ground FL | | 56 | 44 | 0.78 | 22 | 9 | 0.43 | 1277 | 51 | 153 | | Pass | Fail | Fail | Pass |
| Grace Park Grove 18 Second FL | | 85 | 76 | 0.9 | 31 | 23 | 0.72 | 1277 | 51 | 115 | | Pass | Fail | Fail | Pass |
| Grace Park Grove 20 | | 39 | 35 | 0.91 | 9 | 5 | 0.6 | 1277 | 51 | 51 | | Pass | Fail | Pass | Pass |
| Grace Park Grove 22 | | 50 | 44 | 0.88 | 17 | 11 | 0.66 | 1277 | 51 | 77 | | Pass | Fail | Fail | Pass |
| Grace Park Grove 22 | | 47 | 43 | 0.91 | 13 | 9 | 0.67 | 1277 | 51 | 51 | | Pass | Fail | Pass | Pass |
| Grace Park Grove 24 | | 47 | 46 | 0.97 | 13 | 12 | 0.9 | 1277 | 51 | 13 | | Pass | Pass | Pass | Pass |
| Grace Park Grove 26 | | 50 | 47 | 0.93 | 16 | 13 | 0.8 | 1277 | 51 | 38 | | Pass | Pass | Pass | Pass |
| Grace Park Grove 28 | | 31 | 31 | 1 | 1 | 1 | 1 | 1277 | 51 | 0 | | Fail | Pass | Pass | Pass |
| Grace Park Grove 28 | | 48 | 46 | 0.97 | 15 | 13 | 0.89 | 1277 | 51 | 26 | | Pass | Pass | Pass | Pass |
| Grace Park Grove 30 | | 46 | 45 | 0.98 | 14 | 13 | 0.92 | 1277 | 51 | 13 | | Pass | Pass | Pass | Pass |
| Grace Park Grove 30 | | 43 | 43 | 1 | 12 | 12 | 0.99 | 1277 | 51 | 0 | | Pass | Pass | Pass | Pass |
| Griffith Ct 46 | | 83 | 82 | 0.99 | 30 | 29 | 0.98 | 1277 | 51 | 13 | | Pass | Pass | Pass | Pass |
| Griffith Ct 47 | | 74 | 74 | 0.99 | 28 | 28 | 0.98 | 1277 | 51 | 0 | | Pass | Pass | Pass | Pass |
| Griffith Ct 47 | | 78 | 78 | 0.99 | 26 | 26 | 0.98 | 1277 | 51 | 0 | | Pass | Pass | Pass | Pass |
| Griffith Ct 48 | | 84 | 83 | 0.99 | 31 | 30 | 0.98 | 1277 | 51 | 13 | | Pass | Pass | Pass | Pass |
| Griffith Ct 48 | | 62 | 62 | 0.99 | 29 | 29 | 0.98 | 1277 | 51 | 0 | | Pass | Pass | Pass | Pass |
| Griffith Ct 49 | | 84 | 83 | 0.99 | 31 | 30 | 0.98 | 1277 | 51 | 13 | | Pass | Pass | Pass | Pass |
| Griffith Ct 50 | | 84 | 84 | 1 | 31 | 31 | 0.99 | 1277 | 51 | 0 | | Pass | Pass | Pass | Pass |
| Griffith Ct 50 | | 81 | 81 | 1 | 31 | 31 | 0.99 | 1277 | 51 | 0 | | Pass | Pass | Pass | Pass |
| Griffith Ct 51 | | 84 | 84 | 1 | 31 | 31 | 1 | 1277 | 51 | 0 | | Pass | Pass | Pass | Pass |
| Inverness Rd 2 | | 56 | 56 | 1 | 12 | 12 | 1 | 1277 | 51 | 0 | | Pass | Pass | Pass | Pass |

Figure 5.4.2 – APSH Results (Existing vs Proposed) (1 of 2)

5.5 Impact on Neighbouring Solar Panels

To ensure completeness in the impact on neighbouring analysis, potential impact on neighbouring solar panels have been assessed. In order to assess this, the annual probable sunlight hours received by the solar panels using the existing vs proposed conditions have been analysed for all relevant dwellings on Grace Park Grove and Grace Park Close.

The BRE Guide states the following:

“As an initial check, the annual probable sunlight hours received at the centre of each panel should be calculated with and without the proposed development in place”

The BRE Guide also outlines If the annual probable sunlight hours are found to be reduced to less than 0.9 times the existing conditions, a further assessment is warranted as stated below:

“Where the annual probable sunlight hours received by a solar panel with the new development in place is less than 0.9 times the value before, a more detailed calculation of the loss of solar radiation should be undertaken”.

Figure 5.5.1 presents the APSH (sunlight availability) of the existing vs proposed conditions to the solar panels for the neighbouring dwellings at Grace Park Grove (dwellings and apartments) and Grace Park Close.

All solar panels analysed are determined to continue to receive excellent levels of sunlight availability with minimal impact of the proposed development. Since none of the solar panels have sunlight reduced to less than 0.9 times the existing conditions, they do not require a further analysis for loss of solar radiation.

| Room Ref | Annual Ex (%) | Annual Pr (%) | Pr/Ex | Criterion 1 Ann reduction <90% of Ex | OVERALL COMPLIANCE |
|----------------------------------|---------------|---------------|-------|--------------------------------------|--------------------|
| Apartment Block Solar Panels | 86 | 86 | 1 | Pass | Pass |
| Apartment Block Solar Panels | 93 | 93 | 1 | Pass | Pass |
| Apartment Block Solar Panels | 96 | 95 | 0.98 | Pass | Pass |
| Apartment Block Solar Panels | 97 | 96 | 0.99 | Pass | Pass |
| Apartment Block Solar Panels | 97 | 96 | 0.99 | Pass | Pass |
| Apartment Block Solar Panels | 82 | 82 | 1 | Pass | Pass |
| Apartment Block Solar Panels | 83 | 83 | 1 | Pass | Pass |
| Apartment Block Solar Panels | 88 | 88 | 1 | Pass | Pass |
| Apartment Block Solar Panels | 91 | 91 | 1 | Pass | Pass |
| Apartment Block Solar Panels | 88 | 88 | 1 | Pass | Pass |
| Apartment Block Solar Panels | 86 | 86 | 1 | Pass | Pass |
| Apartment Block Solar Panels | 81 | 81 | 1 | Pass | Pass |
| Apartment Block Solar Panels | 82 | 82 | 1 | Pass | Pass |
| Apartment Block Solar Panels | 85 | 85 | 1 | Pass | Pass |
| Apartment Block Solar Panels | 83 | 83 | 1 | Pass | Pass |
| Grace Park CI 1 Solar | 87 | 81 | 0.93 | Pass | Pass |
| Grace Park CI 11 Solar Panels | 87 | 87 | 1 | Pass | Pass |
| Grace Park CI 3 Solar Panels | 87 | 84 | 0.97 | Pass | Pass |
| Grace Park CI 5 Solar Panels | 87 | 86 | 0.99 | Pass | Pass |
| Grace Park CI 7 Solar Panels | 87 | 86 | 0.99 | Pass | Pass |
| Grace Park CI 9 Solar Panels | 87 | 86 | 1 | Pass | Pass |
| Grace Park Grove 20 Solar Panels | 93 | 87 | 0.94 | Pass | Pass |
| Grace Park Grove 22 Solar Panels | 93 | 89 | 0.96 | Pass | Pass |
| Grace Park Grove 24 Solar Panels | 92 | 91 | 0.99 | Pass | Pass |
| Grace Park Grove 26 Solar Panels | 92 | 92 | 0.99 | Pass | Pass |
| Grace Park Grove 28 Solar Panels | 92 | 92 | 1 | Pass | Pass |
| Grace Park Grove 30 Solar Panels | 92 | 92 | 1 | Pass | Pass |

Figure 5.5.1 – APSH Results to Solar Panels (Existing vs Proposed)

5.6 Impact on Neighbouring Amenity

The guidance recommends:

“...that for it to appear adequately sunlit throughout the year, at least half of a garden or amenity area should receive at least two hours of sunlight on 21 March. If as a result of new development an existing garden or amenity area does not meet the above, and the area which can receive two hours of sun on 21 March is less than 0.8 times its former value, then the loss of sunlight is likely to be noticeable. If a detailed calculation cannot be carried out, it is recommended that the centre of the area should receive at least two hours of sunlight on 21 March.”.

Neighbouring gardens are not negatively impacted by the proposed development. In the case of these nearest amenity spaces, there is no reduction in sunlight to existing gardens as a result of the proposed development.



Figure 5.6 – Impact on Neighbouring Results

6.0 Internal Daylight Analysis

6.1 Spatial Daylight Autonomy Methodology

Spatial Daylight Autonomy (SDA) is a climate-based daylight assessment methodology utilised in the BRE Guide. These guidelines and standards have been outlined in Section 2.0.

The methodology utilises historic climate data (Dublin IWEA file 039690 was used for this assessment) predicting internal illumination due to natural light on an hour-by-hour basis, accounting for not only diffuse skylight but also the direct sunlight element. SDA results will differ for façade orientation, with those elevations with southerly aspect (correctly) being deemed to receive more daylight.

Fig 6.1.1 indicates overall compliance comparison, with green contours illustrating where daylight was predicted to achieve 100 Lux for bedroom 150 Lux for Livingroom and 200 Lux for KLD and Kitchen. These are the illuminance recommendations for dwellings included in Section C16 of the BR.209 2022 edition, based on BS.EN.17037:2018. Compliance for a room is then defined in the BRE Guide if at least 50% of the room achieves this target.

The daylighting models were calculated based on the following assumptions regarding transmittance and reflectance (as prescribed in the BRE Guide):

- Glazing Transmission = 68% with maintenance factor of 96%
- Ceilings: 80% reflectance
- Walls: 70% reflectance
- Floors: 40% reflectance

The daylight analysis accounted for all aspects that can potentially restrict natural light availability including any adjacent / opposing buildings, along with explicitly modelling typical Building Details as exemplified in Figure 6.1.2 such as balcony structures, window frames, reveal and cill depth etc. in accordance with the architectural design. As the window frames have been explicitly modelled there is no requirement to include framing factors as prescribed in the BRE Guide.

Daylight Factors for each space were then calculated for a working plane height of 0.85m on a 0.25 x 0.25m grid basis and a wall offset of 0.3m (as defined in BR.209 2022 edition) to enable a detailed calculation within each room, the medium of which was then determined the space compliance.



Fig 6.1.1 –Daylight Analysis Results



Fig 6.1.2 – Building Details included within Daylight Analysis (Sample)

6.2 Spatial Daylight Autonomy Methodology (Cont'd)

The rooms have been assessed to the minimum areas as prescribed in the 2022 Apartment Guidelines, Fig 6.1.3 taking consideration for the notes in the BRE Guide which stipulate:

*“Where a room has a shared use, the highest target should apply. For example in a bed sitting room in student accommodation, the value for a living room should be used if students would often spend time in their rooms during the day. Local authorities could use discretion here. For example, the target for a living room could be used for a combined living/dining/kitchen area if the kitchens are not treated as habitable spaces, as it may avoid small separate kitchens in a design. **The kitchen space would still need to be included in the assessment area**” (Emphasis added)*

BR.209 2022 provides additional guidance on room definitions, identifying that corridors/annexed entrances can be excluded from the assessment area as illustrated in Fig. 6.1.4.

Fig 6.1.5 illustrates an example of how the above has been interpreted to define areas of assessment (highlighted green) ensuring:

- Minimum required room area as defined in Apartment Guidelines (i.e., min. 30m² in this instance for 2 Bed Apartment KLD).
- Inclusion of kitchen area within KLD (i.e. assessment to rear of room).
- Exclusion of circulation/ annexed entrances (i.e., adjacent to doors illustrated).

Minimum aggregate floor areas for living/dining/kitchen rooms, and minimum widths for the main living/dining rooms

| Apartment type *** | Width of living / dining room | Aggregate floor area of living / dining / kitchen area* |
|-------------------------|-------------------------------|---|
| Studio | 4m** | 30 sq m** |
| One bedroom | 3.3 m | 23 sq m |
| Two bedrooms (3 person) | 3.6m | 28 sq m |
| Two bedrooms (4 person) | 3.6 m | 30 sq m |
| Three bedrooms | 3.8 m | 34 sq m |

* Note: An enclosed (separate) kitchen should have a minimum floor area of 6.5 sq. metres
 ** Note: Combined living/dining/bedspace, also includes circulation
 *** Note: Variation of up to 5% can be applied to room areas and widths subject to overall compliance with required minimum overall apartment floor areas.

Fig 6.1.3 – Apartment Guidelines – Minimum Room Sizes

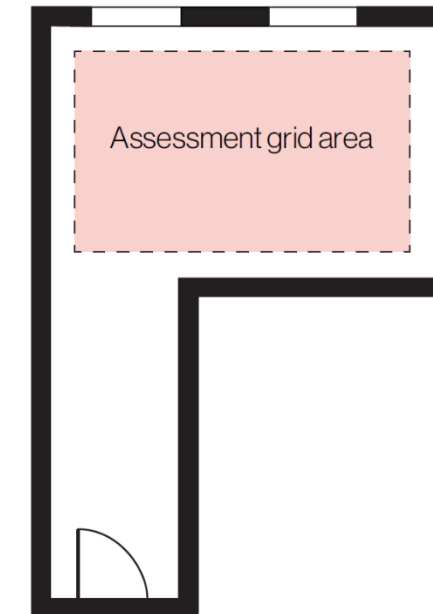


Fig 6.1.4 – BR 209 Figure C3 – Assessment Area excluding Corridor

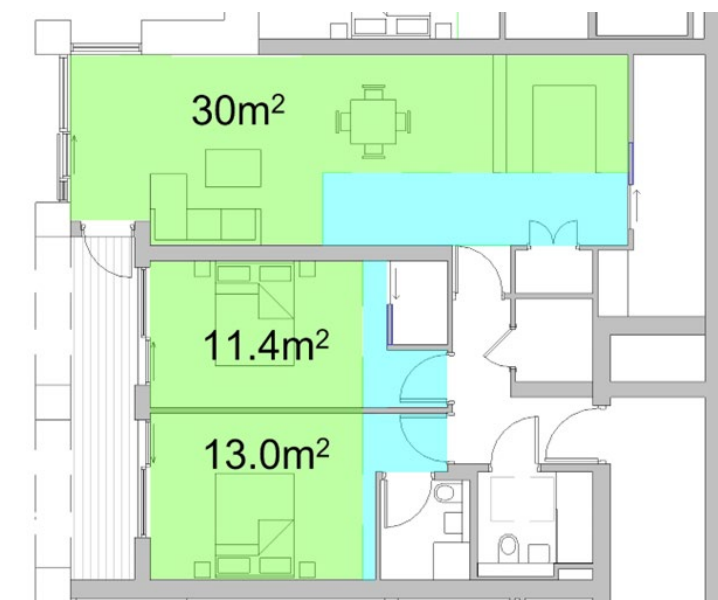


Fig 6.1.5 – Assessment Space Delineation

6.3 Results Summary – SDA

The tables below give a breakdown of compliance rates for every block based on Spatial Daylight Autonomy (SDA) and an Overall SDA for the proposed development.

99% of spaces analysed are determined to be compliant with the methodology utilised.

| Block A | Pass | Fail | Total |
|--------------|-------------|-----------|------------|
| Ground Floor | 13 | 0 | 13 |
| First Floor | 16 | 0 | 16 |
| Second Floor | 22 | 0 | 22 |
| Third Floor | 22 | 0 | 22 |
| Fourth Floor | 22 | 0 | 22 |
| Fifth Floor | 22 | 0 | 22 |
| Sixth Floor | 22 | 0 | 22 |
| Total | 139 | 0 | 139 |
| | 100% | 0% | |

| Block D & E | Pass | Fail | Total |
|----------------|------------|-----------|------------|
| Ground Floor | 45 | 2 | 47 |
| First Floor | 55 | 0 | 55 |
| Second Floor | 59 | 1 | 60 |
| Third Floor | 59 | 1 | 60 |
| Fourth Floor | 59 | 1 | 60 |
| Fifth Floor | 54 | 1 | 55 |
| Sixth Floor | 34 | 0 | 34 |
| Seventh Floor | 35 | 0 | 35 |
| Eighth Floor | 35 | 0 | 35 |
| Ninth Floor | 18 | 0 | 18 |
| Tenth Floor | 18 | 0 | 18 |
| Eleventh Floor | 18 | 0 | 18 |
| Total | 489 | 6 | 495 |
| | 99% | 1% | |

| Block H | Pass | Fail | Total |
|--------------|------------|-----------|-----------|
| Ground Floor | 15 | 0 | 15 |
| First Floor | 16 | 1 | 17 |
| Second Floor | 17 | 0 | 17 |
| Third Floor | 17 | 0 | 17 |
| Fourth Floor | 17 | 0 | 17 |
| Total | 82 | 1 | 83 |
| | 99% | 1% | |

| Block B | Pass | Fail | Total |
|---------------|-------------|-----------|------------|
| Ground Floor | 24 | 0 | 24 |
| First Floor | 27 | 0 | 27 |
| Second Floor | 27 | 0 | 27 |
| Third Floor | 27 | 0 | 27 |
| Fourth Floor | 27 | 0 | 27 |
| Fifth Floor | 27 | 0 | 27 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 27 | 0 | 27 |
| Total | 213 | 0 | 213 |
| | 100% | 0% | |

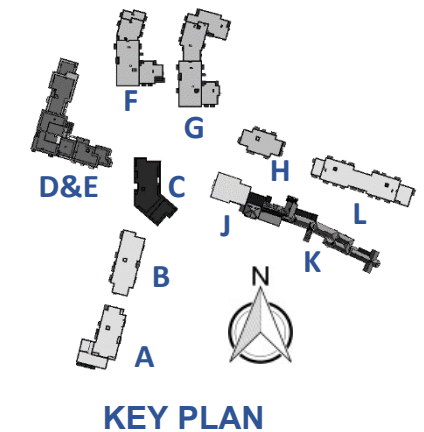
| Block F | Pass | Fail | Total |
|---------------|------------|-----------|------------|
| Ground Floor | 28 | 2 | 30 |
| First Floor | 39 | 3 | 42 |
| Second Floor | 40 | 2 | 42 |
| Third Floor | 40 | 2 | 42 |
| Fourth Floor | 38 | 0 | 38 |
| Fifth Floor | 36 | 0 | 36 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 19 | 0 | 19 |
| Eighth Floor | 19 | 0 | 19 |
| Total | 286 | 9 | 295 |
| | 97% | 3% | |

| Block J | Pass | Fail | Total |
|--------------|-------------|-----------|-----------|
| First Floor | 7 | 0 | 7 |
| Second Floor | 13 | 0 | 13 |
| Third Floor | 13 | 0 | 13 |
| Total | 33 | 0 | 33 |
| | 100% | 0% | |

| Block C | Pass | Fail | Total |
|--------------|-------------|-----------|------------|
| Basement | 10 | 0 | 10 |
| Ground Floor | 26 | 0 | 26 |
| First Floor | 30 | 0 | 30 |
| Second Floor | 30 | 0 | 30 |
| Third Floor | 30 | 0 | 30 |
| Fourth Floor | 30 | 0 | 30 |
| Fifth Floor | 30 | 0 | 30 |
| Sixth Floor | 20 | 0 | 20 |
| Total | 206 | 0 | 206 |
| | 100% | 0% | |

| Block G | Pass | Fail | Total |
|---------------|------------|-----------|------------|
| Ground Floor | 39 | 2 | 41 |
| First Floor | 49 | 2 | 51 |
| Second Floor | 56 | 0 | 56 |
| Third Floor | 56 | 0 | 56 |
| Fourth Floor | 43 | 0 | 43 |
| Fifth Floor | 43 | 0 | 43 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 20 | 0 | 20 |
| Eighth Floor | 20 | 0 | 20 |
| Total | 353 | 4 | 357 |
| | 99% | 1% | |

| Block L | Pass | Fail | Total |
|--------------|-------------|-----------|------------|
| Ground Floor | 39 | 1 | 40 |
| First Floor | 44 | 0 | 44 |
| Second Floor | 44 | 0 | 44 |
| Third Floor | 44 | 0 | 44 |
| Fourth Floor | 38 | 0 | 38 |
| Fifth Floor | 34 | 0 | 34 |
| Total | 243 | 1 | 244 |
| | 100% | 0% | |



| | Pass | Fail | Total |
|------------------------|-------------|-----------|-------------|
| Block A | 139 | 0 | 139 |
| Block B | 213 | 0 | 213 |
| Block C | 206 | 0 | 206 |
| Block D & E | 489 | 6 | 495 |
| Block F | 286 | 9 | 295 |
| Block G | 353 | 4 | 357 |
| Block H | 82 | 1 | 83 |
| Block L | 243 | 1 | 244 |
| Block J | 33 | 0 | 33 |
| | 2044 | 21 | 2065 |
| | 99% | 1% | |

Overall SDA for the proposed scheme

6.0 Compensatory Measures

The 2022 Apartment Guidelines state the following:

“[6.7] Where an applicant cannot fully meet all of the requirements of the daylight provisions above, this must be clearly identified and a rationale for any alternative, compensatory design solutions must be set out, which planning authorities should apply their discretion in accepting taking account of its assessment of specific. This may arise due to a design constraint associated with the site or location and the balancing of that assessment against the desirability of achieving wider planning objectives. Such objectives might include securing comprehensive urban regeneration and or an effective urban design and streetscape solution.”

Compensatory Design Solutions

The compensatory measures look to determine a balance between the spaces with reduced daylight by identifying how other metrics for sunlight and/or the unit's aspects can compensate for this reduced daylight.

1no. of room in block DE, 21no. in block F, 12no. in block G, 5no. in block H and 11no. in block L were identified with compensatory measures in accordance with the requirements of the *Sustainable Urban Housing – Design Standards for New Apartments 2022*.

Each non-compliant room was identified, and compensatory measures are set out in Appendix A as per:

1. Daylight Adjacency

In the cases where a room is below target, there are adjacent room/rooms with the apartment which were found to be comfortably compliant. Therefore, these units each have room/rooms that are well daylit, despite the assessed room being slightly below target.

2. Sunlight

The KLDs or bedrooms with below target Spatial Daylight Autonomy receive over 3 hours of sunlight (Medium exposure). Therefore, whilst the rooms were found to be non-compliant for daylight, their apartment units achieve the above the requisite sunlight availability for compliance. (See Appendix B – Exposure to Sunlight Results of this reports.)

3. Dual Aspect

Some units have the added benefit of dual aspect ensuring multiple options for aspect and sunlight / daylight availability.

4. Aspect

In addition to their private amenity space, a number of units have direct aspect out onto landscaped communal or public open space providing an excellent view from the KLD space.

5. Direct Access to Courtyard

A number of ground floor units have direct access to courtyard connecting with nature.

6. Communal Open Space

Compensatory measures have been provided outside of the individual units with a large portion of the site being landscaped for communal open space. The proposed development includes the provision of a large quantum of communal open space.

7.0 Sunlight Analysis

7.1 Exposure to Sunlight

The BRE Guide outlines that:

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

- at least one main window wall faces within 90° of due south and*
- a habitable room, preferably a main living room, can receive a total of at least 1.5 hours of sunlight on 21 March. This is assessed at the inside centre of the window(s); sunlight received by different windows can be added provided they occur at different times and sunlight hours are not double counted.”*

As with Sunlight Amenity, the BRE methodology therefore utilises the Equinox as being representative of the solar mid-position throughout the year, with the calculation of potential received sunlight during that day enabling a quantitative assessment in addition to idealised configuration of ensuring southerly aspect – preferably for living areas as described below:

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

The guide further notes that:

“3.1.10 For interiors, access to sunlight can be quantified. BS EN 17037[1] 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.”

An analysis was undertaken for each unit of the proposed development to assess the exposure to sunlight that each unit can receive, assessing initially KLD's and where these were found to be non-compliant, a check was undertaken to determine whether a Bedroom could achieve adequate sunlight in accordance with the methodology. It may be noted therefore that the tables and diagrams below indicate compliance for Exposure to Sunlight based on assessment of apartment units (i.e, 811 total no.) as opposed to individual rooms, as is the case for Daylight analysis.

Figure 7.1.1 below is an example of how the results are illustrated, as presented within the report to indicate their Exposure to Sunlight classification in accordance with BR.209/EN.17037 may be interpreted as follows:

- Orange** – High (4.0 hrs+)
- Yellow** – Medium (3.0 - 4.0 hrs)
- Green** – Minimum (1.5 - 3.0 hrs)
- Blue** – Low/ Non-Compliant (<1.5 hrs)

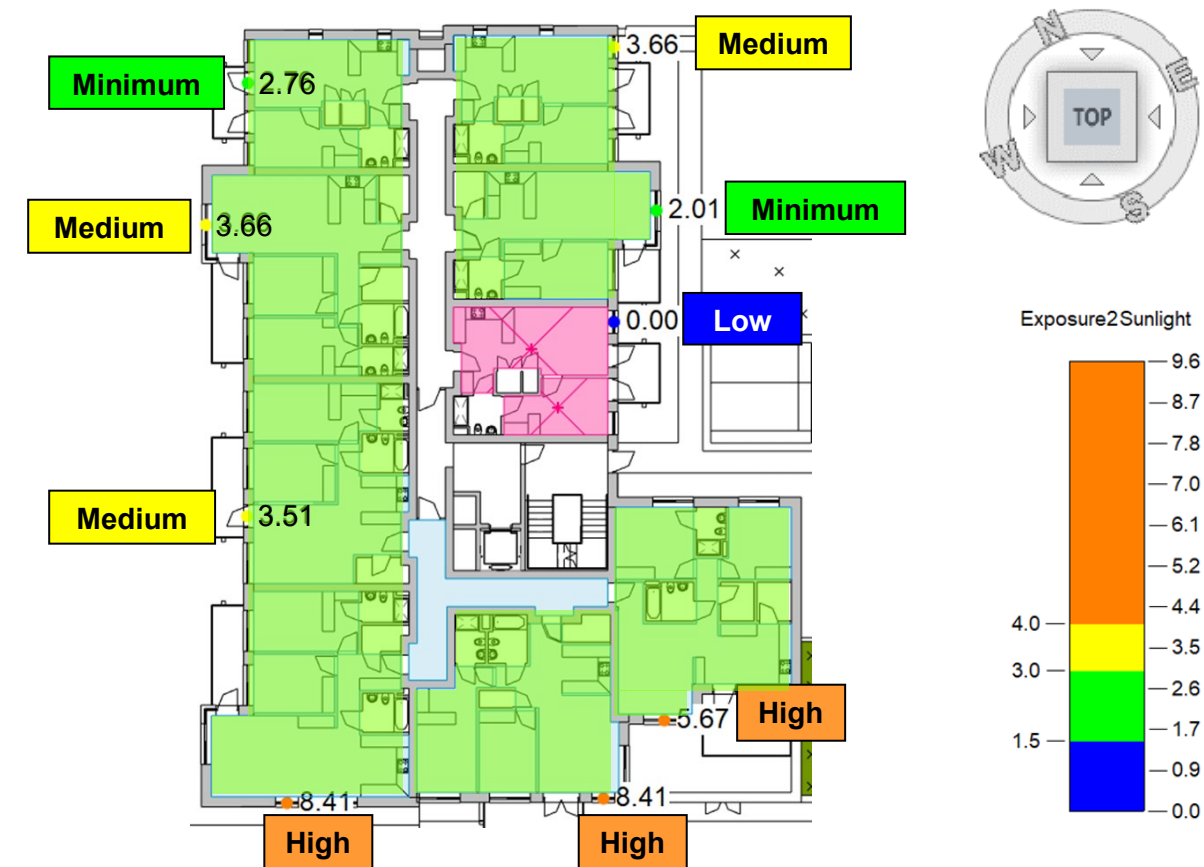


Fig 7.1.1 – Exposure to Sunlight Results – Example Analysis

In the example above, most KLD were determined to receive Medium to High range of Exposure to Sunlight, one unit was determined non-compliant and identified in light red.

7.2 Results Summary – ETS

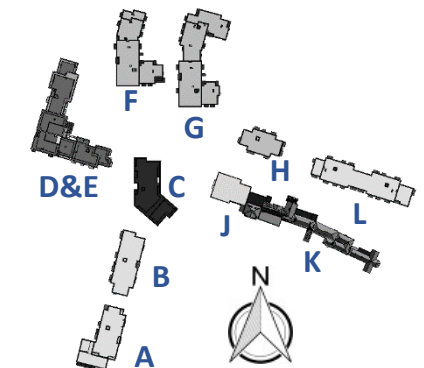
The result tables below confirm a high level of compliance for Exposure to Sunlight. 94% of the units were determined to be compliant all exceeded the BRE recommendations.

Full detailed results for all units as assessed are provided in Appendix B.

| Block A | Pass | Fail | Total |
|--------------|-------------|-----------|-----------|
| Ground Floor | 6 | 0 | 6 |
| First Floor | 7 | 0 | 7 |
| Second Floor | 9 | 0 | 9 |
| Third Floor | 9 | 0 | 9 |
| Fourth Floor | 9 | 0 | 9 |
| Fifth Floor | 9 | 0 | 9 |
| Sixth Floor | 9 | 0 | 9 |
| Total | 58 | 0 | 58 |
| | 100% | 0% | |

| Block B | Pass | Fail | Total |
|---------------|-------------|-----------|-----------|
| Ground Floor | 9 | 0 | 9 |
| First Floor | 11 | 0 | 11 |
| Second Floor | 11 | 0 | 11 |
| Third Floor | 11 | 0 | 11 |
| Fourth Floor | 11 | 0 | 11 |
| Fifth Floor | 11 | 0 | 11 |
| Sixth Floor | 11 | 0 | 11 |
| Seventh Floor | 11 | 0 | 11 |
| Total | 86 | 0 | 86 |
| | 100% | 0% | |

| Block C | Pass | Fail | Total |
|--------------|-------------|-----------|-----------|
| Basement | 4 | 0 | 4 |
| Ground Floor | 11 | 0 | 11 |
| First Floor | 12 | 0 | 12 |
| Second Floor | 12 | 0 | 12 |
| Third Floor | 12 | 0 | 12 |
| Fourth Floor | 12 | 0 | 12 |
| Fifth Floor | 12 | 0 | 12 |
| Sixth Floor | 8 | 0 | 8 |
| Total | 83 | 0 | 83 |
| | 100% | 0% | |



KEY PLAN

| Block D & E | Pass | Fail | Total |
|----------------|------------|-----------|------------|
| Ground Floor | 19 | 1 | 20 |
| First Floor | 22 | 0 | 22 |
| Second Floor | 24 | 0 | 24 |
| Third Floor | 24 | 0 | 24 |
| Fourth Floor | 24 | 0 | 24 |
| Fifth Floor | 22 | 0 | 22 |
| Sixth Floor | 14 | 0 | 14 |
| Seventh Floor | 14 | 0 | 14 |
| Eighth Floor | 14 | 0 | 14 |
| Ninth Floor | 7 | 0 | 7 |
| Tenth Floor | 7 | 0 | 7 |
| Eleventh Floor | 7 | 0 | 7 |
| Total | 198 | 1 | 199 |
| | 99% | 1% | |

| Block F | Pass | Fail | Total |
|---------------|------------|------------|------------|
| Ground Floor | 8 | 6 | 14 |
| First Floor | 12 | 5 | 17 |
| Second Floor | 14 | 3 | 17 |
| Third Floor | 14 | 3 | 17 |
| Fourth Floor | 13 | 2 | 15 |
| Fifth Floor | 12 | 2 | 14 |
| Sixth Floor | 9 | 1 | 10 |
| Seventh Floor | 7 | 0 | 7 |
| Eighth Floor | 7 | 0 | 7 |
| Total | 96 | 22 | 118 |
| | 81% | 19% | |

| Block G | Pass | Fail | Total |
|---------------|------------|-----------|------------|
| Ground Floor | 12 | 4 | 16 |
| First Floor | 17 | 3 | 20 |
| Second Floor | 20 | 2 | 22 |
| Third Floor | 20 | 2 | 22 |
| Fourth Floor | 16 | 1 | 17 |
| Fifth Floor | 17 | 0 | 17 |
| Sixth Floor | 10 | 0 | 10 |
| Seventh Floor | 7 | 0 | 7 |
| Eighth Floor | 7 | 0 | 7 |
| Total | 126 | 12 | 138 |
| | 91% | 9% | |

| | Pass | Fail | Total |
|------------------------|------------|-----------|------------|
| Block A | 58 | 0 | 58 |
| Block B | 86 | 0 | 86 |
| Block C | 83 | 0 | 83 |
| Block D & E | 198 | 1 | 199 |
| Block F | 96 | 22 | 118 |
| Block G | 126 | 12 | 138 |
| Block H | 25 | 5 | 30 |
| Block L | 75 | 11 | 86 |
| Block J | 13 | 0 | 13 |
| | 760 | 51 | 811 |
| | 94% | 6% | |

| Block H | Pass | Fail | Total |
|--------------|------------|------------|-----------|
| Ground Floor | 5 | 1 | 6 |
| First Floor | 5 | 1 | 6 |
| Second Floor | 5 | 1 | 6 |
| Third Floor | 5 | 1 | 6 |
| Fourth Floor | 5 | 1 | 6 |
| Total | 25 | 5 | 30 |
| | 83% | 17% | |

| Block J | Pass | Fail | Total |
|--------------|-------------|-----------|-----------|
| First Floor | 3 | 0 | 3 |
| Second Floor | 5 | 0 | 5 |
| Third Floor | 5 | 0 | 5 |
| Total | 13 | 0 | 13 |
| | 100% | 0% | |

| Block L | Pass | Fail | Total |
|--------------|------------|------------|-----------|
| Ground Floor | 14 | 2 | 16 |
| First Floor | 13 | 2 | 15 |
| Second Floor | 13 | 2 | 15 |
| Third Floor | 13 | 2 | 15 |
| Fourth Floor | 11 | 2 | 13 |
| Fifth Floor | 11 | 1 | 12 |
| Total | 75 | 11 | 86 |
| | 87% | 13% | |

Overall ETS for the proposed scheme

Appendix A

Spatial Daylight Autonomy (SDA)

Appendix A - Results Summary (SDA)

The tables below give a breakdown of compliance rates for every block based on Spatial Daylight Autonomy (SDA) and an Overall SDA rate for the proposed development.

99% of spaces analysed are determined to be compliant with the methodology utilised.

| Block A | Pass | Fail | Total |
|--------------|-------------|-----------|------------|
| Ground Floor | 13 | 0 | 13 |
| First Floor | 16 | 0 | 16 |
| Second Floor | 22 | 0 | 22 |
| Third Floor | 22 | 0 | 22 |
| Fourth Floor | 22 | 0 | 22 |
| Fifth Floor | 22 | 0 | 22 |
| Sixth Floor | 22 | 0 | 22 |
| Total | 139 | 0 | 139 |
| | 100% | 0% | |

| Block D & E | Pass | Fail | Total |
|----------------|------------|-----------|------------|
| Ground Floor | 45 | 2 | 47 |
| First Floor | 55 | 0 | 55 |
| Second Floor | 59 | 1 | 60 |
| Third Floor | 59 | 1 | 60 |
| Fourth Floor | 59 | 1 | 60 |
| Fifth Floor | 54 | 1 | 55 |
| Sixth Floor | 34 | 0 | 34 |
| Seventh Floor | 35 | 0 | 35 |
| Eighth Floor | 35 | 0 | 35 |
| Ninth Floor | 18 | 0 | 18 |
| Tenth Floor | 18 | 0 | 18 |
| Eleventh Floor | 18 | 0 | 18 |
| Total | 489 | 6 | 495 |
| | 99% | 1% | |

| Block H | Pass | Fail | Total |
|--------------|------------|-----------|-----------|
| Ground Floor | 15 | 0 | 15 |
| First Floor | 16 | 1 | 17 |
| Second Floor | 17 | 0 | 17 |
| Third Floor | 17 | 0 | 17 |
| Fourth Floor | 17 | 0 | 17 |
| Total | 82 | 1 | 83 |
| | 99% | 1% | |

| Block B | Pass | Fail | Total |
|---------------|-------------|-----------|------------|
| Ground Floor | 24 | 0 | 24 |
| First Floor | 27 | 0 | 27 |
| Second Floor | 27 | 0 | 27 |
| Third Floor | 27 | 0 | 27 |
| Fourth Floor | 27 | 0 | 27 |
| Fifth Floor | 27 | 0 | 27 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 27 | 0 | 27 |
| Total | 213 | 0 | 213 |
| | 100% | 0% | |

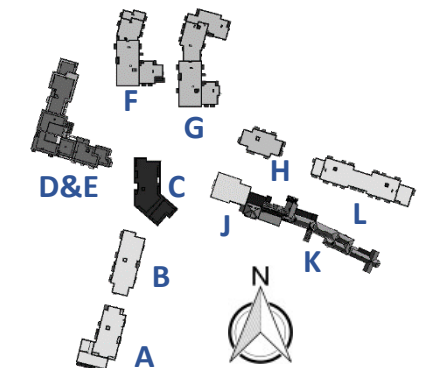
| Block F | Pass | Fail | Total |
|---------------|------------|-----------|------------|
| Ground Floor | 28 | 2 | 30 |
| First Floor | 39 | 3 | 42 |
| Second Floor | 40 | 2 | 42 |
| Third Floor | 40 | 2 | 42 |
| Fourth Floor | 38 | 0 | 38 |
| Fifth Floor | 36 | 0 | 36 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 19 | 0 | 19 |
| Eighth Floor | 19 | 0 | 19 |
| Total | 286 | 9 | 295 |
| | 97% | 3% | |

| Block J | Pass | Fail | Total |
|--------------|-------------|-----------|-----------|
| First Floor | 7 | 0 | 7 |
| Second Floor | 13 | 0 | 13 |
| Third Floor | 13 | 0 | 13 |
| Total | 33 | 0 | 33 |
| | 100% | 0% | |

| Block C | Pass | Fail | Total |
|--------------|-------------|-----------|------------|
| Basement | 10 | 0 | 10 |
| Ground Floor | 26 | 0 | 26 |
| First Floor | 30 | 0 | 30 |
| Second Floor | 30 | 0 | 30 |
| Third Floor | 30 | 0 | 30 |
| Fourth Floor | 30 | 0 | 30 |
| Fifth Floor | 30 | 0 | 30 |
| Sixth Floor | 20 | 0 | 20 |
| Total | 206 | 0 | 206 |
| | 100% | 0% | |

| Block G | Pass | Fail | Total |
|---------------|------------|-----------|------------|
| Ground Floor | 39 | 2 | 41 |
| First Floor | 49 | 2 | 51 |
| Second Floor | 56 | 0 | 56 |
| Third Floor | 56 | 0 | 56 |
| Fourth Floor | 43 | 0 | 43 |
| Fifth Floor | 43 | 0 | 43 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 20 | 0 | 20 |
| Eighth Floor | 20 | 0 | 20 |
| Total | 353 | 4 | 357 |
| | 99% | 1% | |

| Block L | Pass | Fail | Total |
|--------------|-------------|-----------|------------|
| Ground Floor | 39 | 1 | 40 |
| First Floor | 44 | 0 | 44 |
| Second Floor | 44 | 0 | 44 |
| Third Floor | 44 | 0 | 44 |
| Fourth Floor | 38 | 0 | 38 |
| Fifth Floor | 34 | 0 | 34 |
| Total | 243 | 1 | 244 |
| | 100% | 0% | |



KEY PLAN

| | Pass | Fail | Total |
|-------------|-------------|-----------|-------------|
| Block A | 139 | 0 | 139 |
| Block B | 213 | 0 | 213 |
| Block C | 206 | 0 | 206 |
| Block D & E | 489 | 6 | 495 |
| Block F | 286 | 9 | 295 |
| Block G | 353 | 4 | 357 |
| Block H | 82 | 1 | 83 |
| Block L | 243 | 1 | 244 |
| Block J | 33 | 0 | 33 |
| | 2044 | 21 | 2065 |
| | 99% | 1% | |

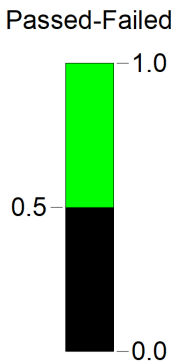
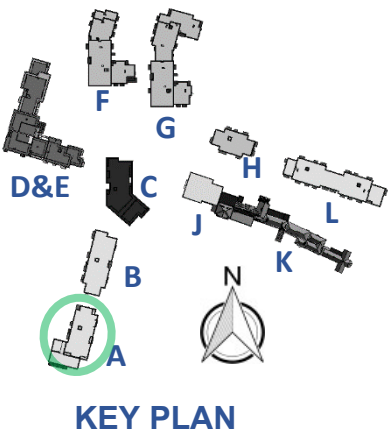
Overall SDA for the proposed scheme

Results – Block A

Block A – Ground Floor

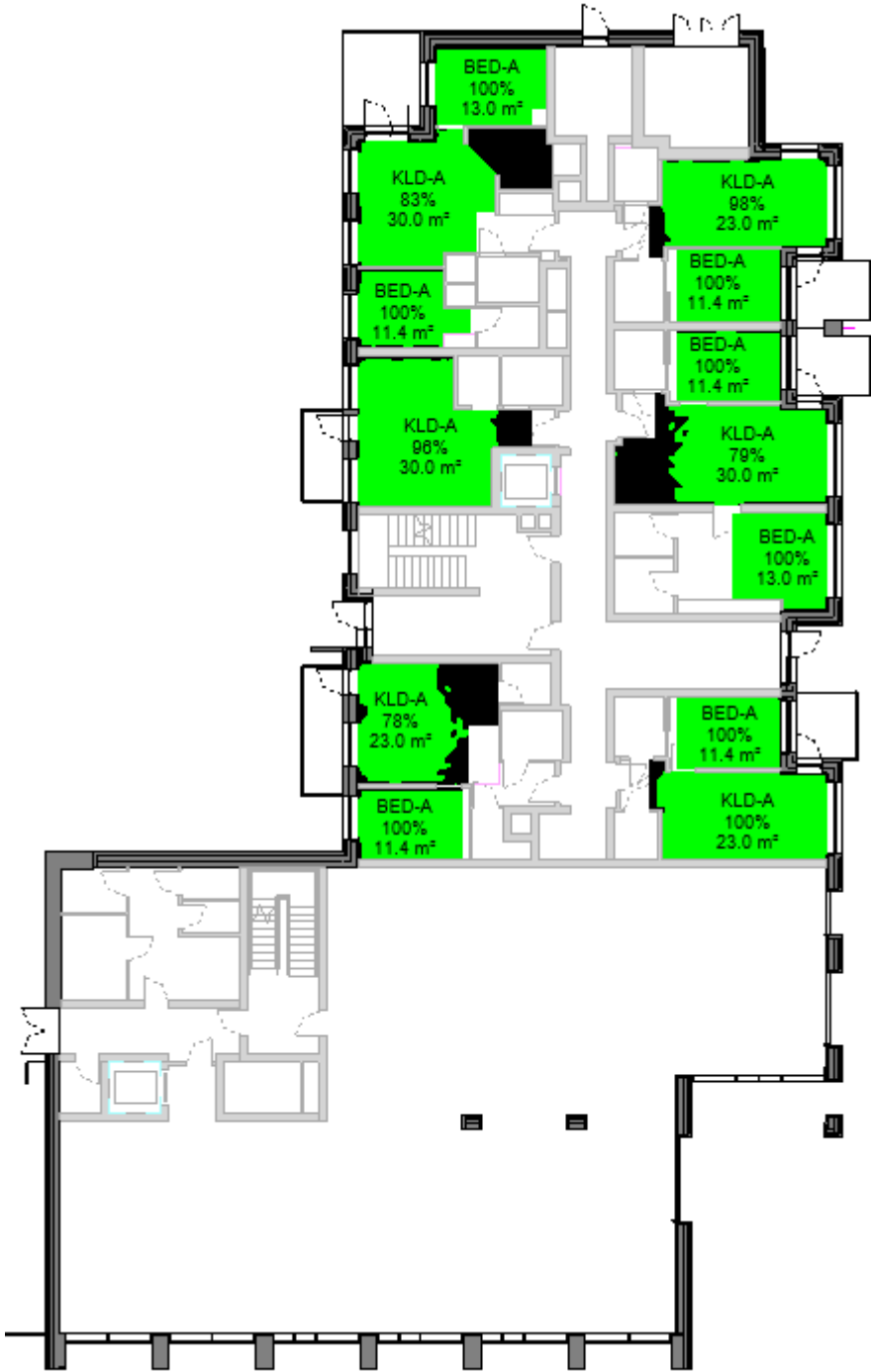
Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it’s receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| Block A | Pass | Fail | Total |
|--------------|------|------|-------|
| Ground Floor | 13 | 0 | 13 |
| First Floor | 16 | 0 | 16 |
| Second Floor | 22 | 0 | 22 |
| Third Floor | 22 | 0 | 22 |
| Fourth Floor | 22 | 0 | 22 |
| Fifth Floor | 22 | 0 | 22 |
| Sixth Floor | 22 | 0 | 22 |
| Total | 139 | 0 | 139 |
| | 100% | 0% | |

| | |
|-----------------|-----------|
| SDA Targets | > 50% at |
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



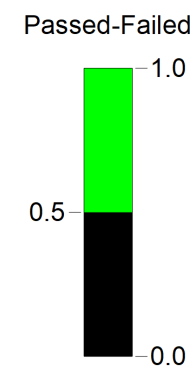
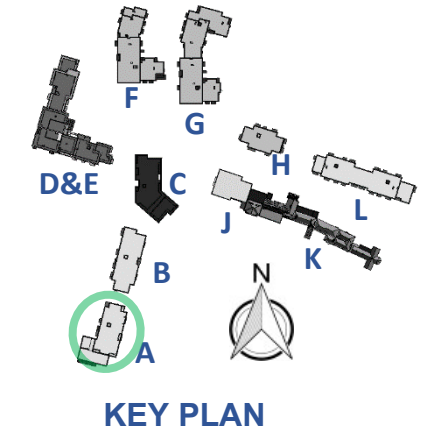
Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment

Block A – First Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |

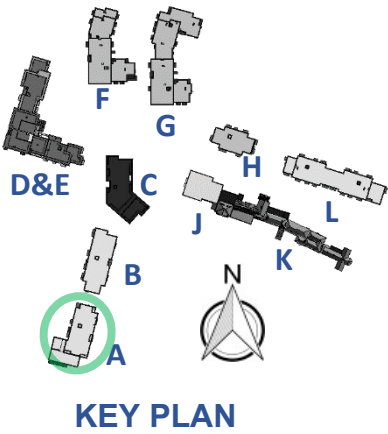
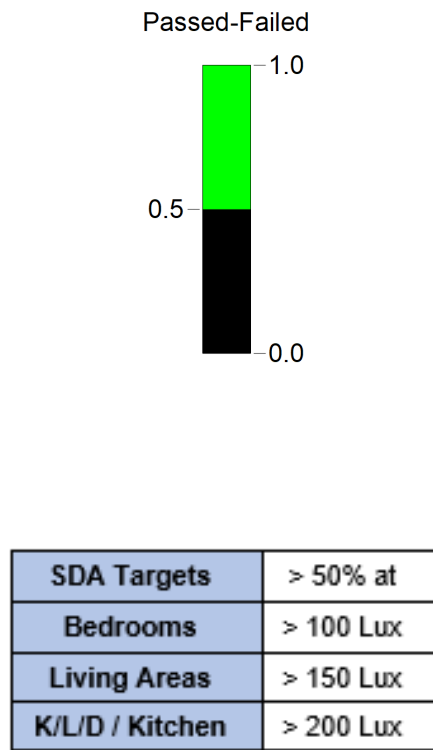


| Block A | Pass | Fail | Total |
|--------------|-------------|-----------|------------|
| Ground Floor | 13 | 0 | 13 |
| First Floor | 16 | 0 | 16 |
| Second Floor | 22 | 0 | 22 |
| Third Floor | 22 | 0 | 22 |
| Fourth Floor | 22 | 0 | 22 |
| Fifth Floor | 22 | 0 | 22 |
| Sixth Floor | 22 | 0 | 22 |
| Total | 139 | 0 | 139 |
| | 100% | 0% | |

Block A – Second Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it’s receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.

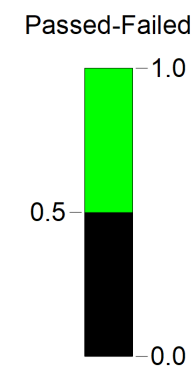
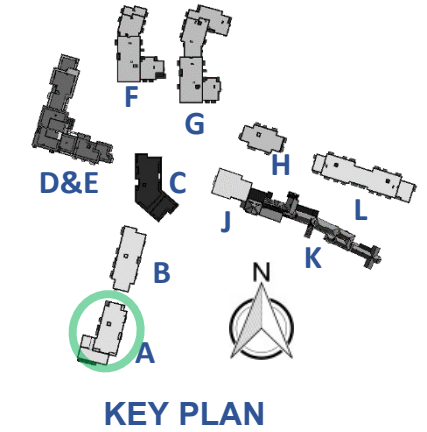


| Block A | Pass | Fail | Total |
|--------------|------|------|-------|
| Ground Floor | 13 | 0 | 13 |
| First Floor | 16 | 0 | 16 |
| Second Floor | 22 | 0 | 22 |
| Third Floor | 22 | 0 | 22 |
| Fourth Floor | 22 | 0 | 22 |
| Fifth Floor | 22 | 0 | 22 |
| Sixth Floor | 22 | 0 | 22 |
| Total | 139 | 0 | 139 |
| | 100% | 0% | |

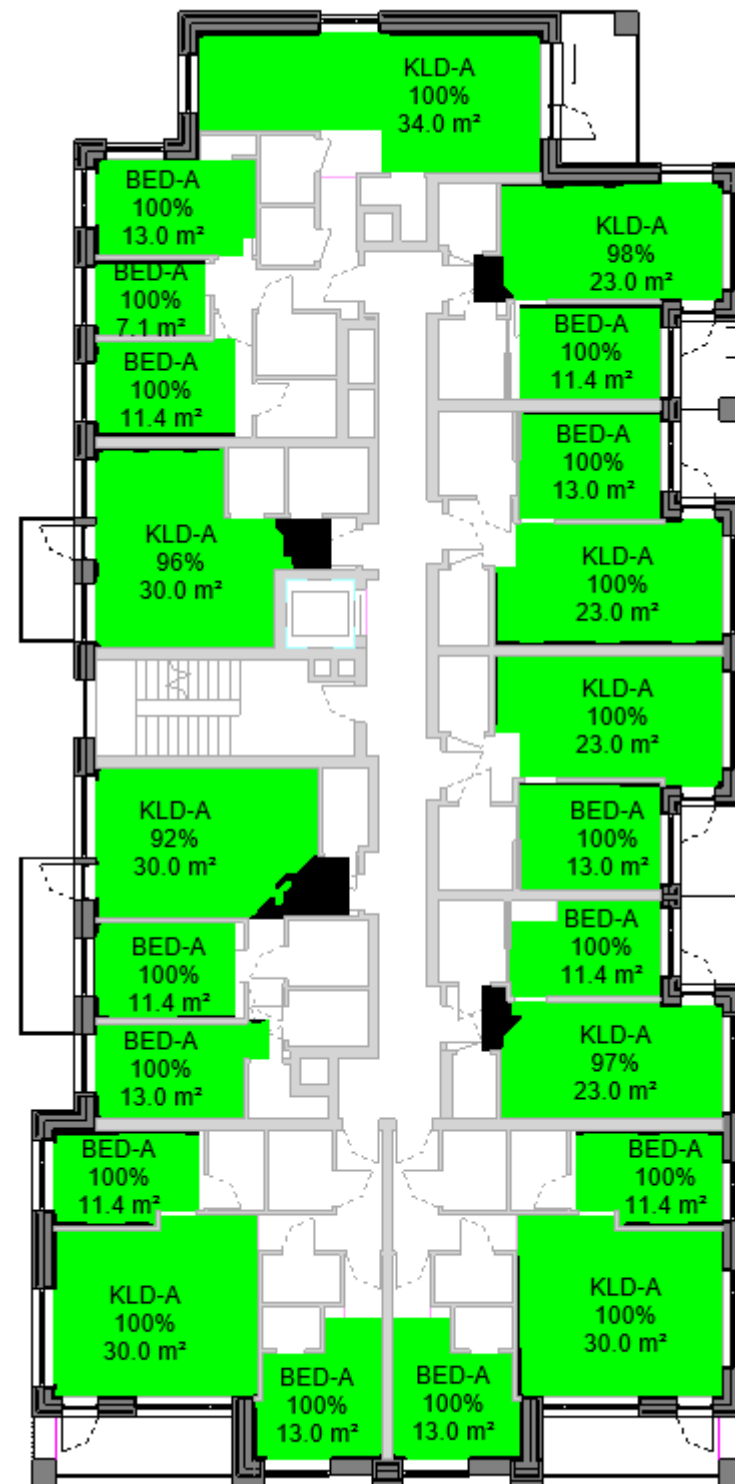
Block A – Third Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |

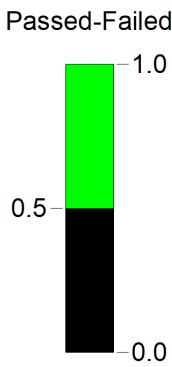
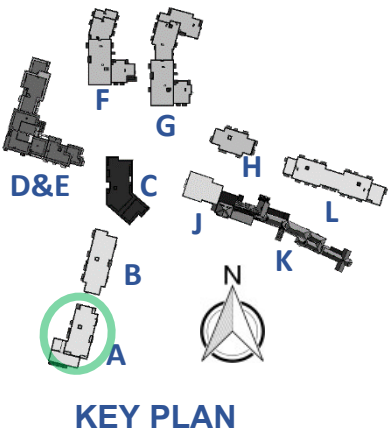


| Block A | Pass | Fail | Total |
|--------------|-------------|-----------|------------|
| Ground Floor | 13 | 0 | 13 |
| First Floor | 16 | 0 | 16 |
| Second Floor | 22 | 0 | 22 |
| Third Floor | 22 | 0 | 22 |
| Fourth Floor | 22 | 0 | 22 |
| Fifth Floor | 22 | 0 | 22 |
| Sixth Floor | 22 | 0 | 22 |
| Total | 139 | 0 | 139 |
| | 100% | 0% | |

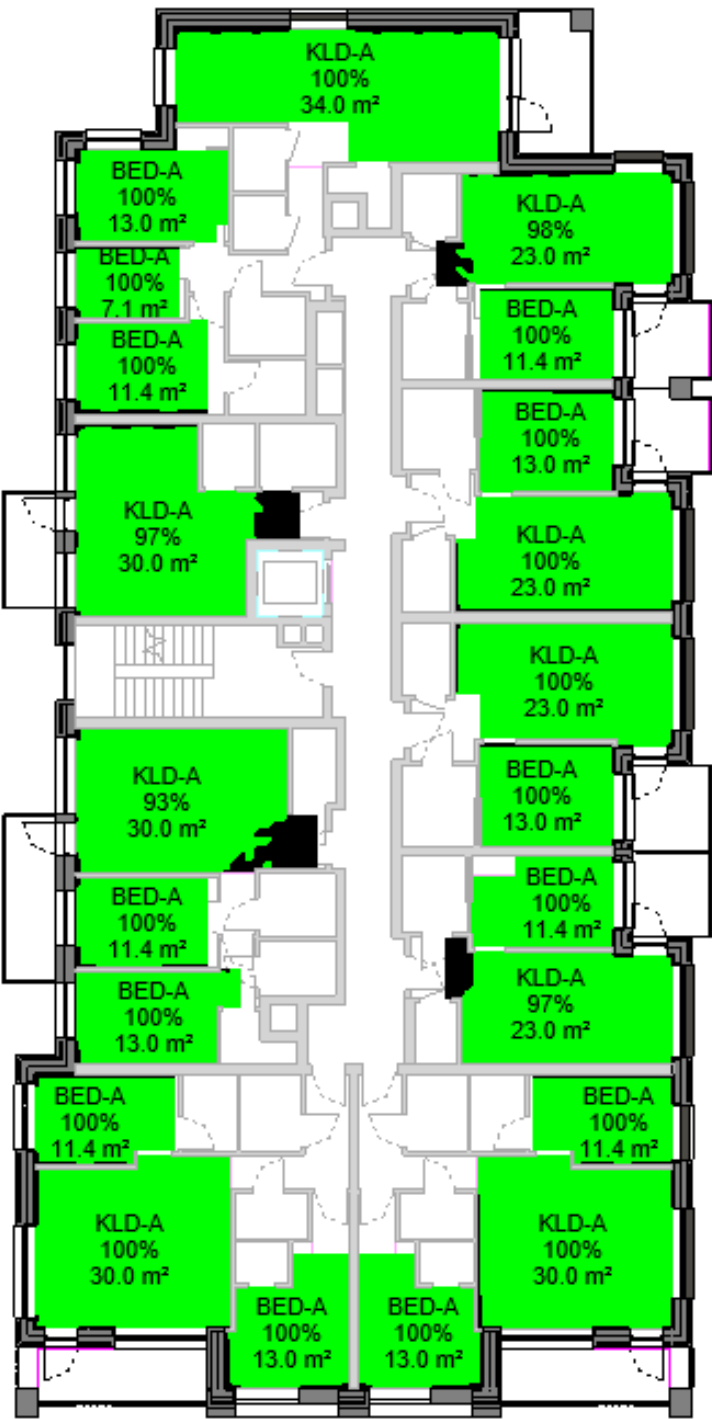
Block A – Fourth Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it’s receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| | |
|-----------------|-----------|
| SDA Targets | > 50% at |
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



| Block A | Pass | Fail | Total |
|--------------|------|------|-------|
| Ground Floor | 13 | 0 | 13 |
| First Floor | 16 | 0 | 16 |
| Second Floor | 22 | 0 | 22 |
| Third Floor | 22 | 0 | 22 |
| Fourth Floor | 22 | 0 | 22 |
| Fifth Floor | 22 | 0 | 22 |
| Sixth Floor | 22 | 0 | 22 |
| Total | 139 | 0 | 139 |
| | 100% | 0% | |

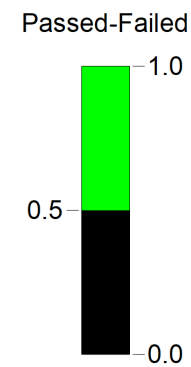
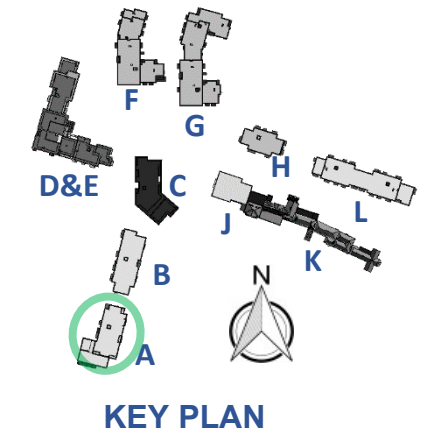
Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment

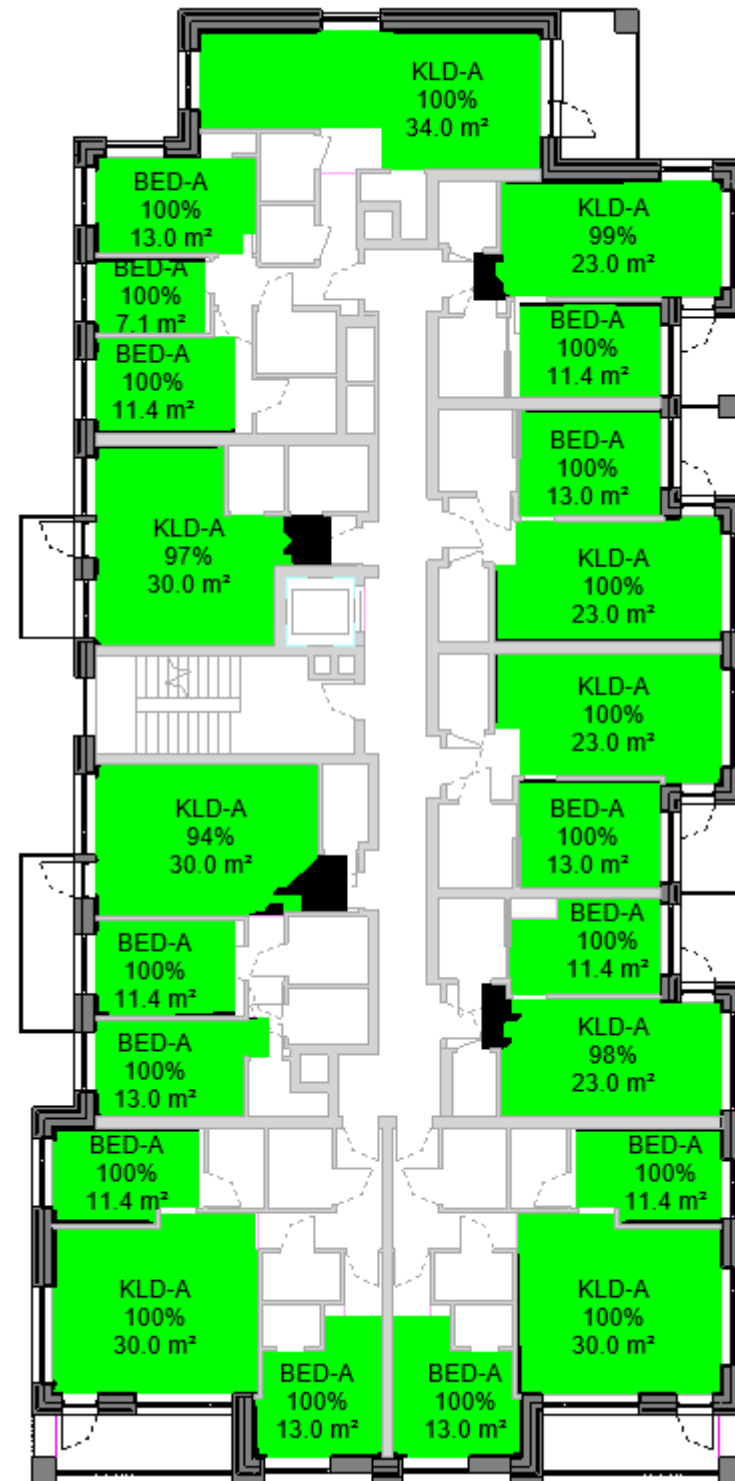
Block A – Fifth Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |

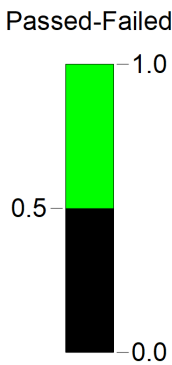
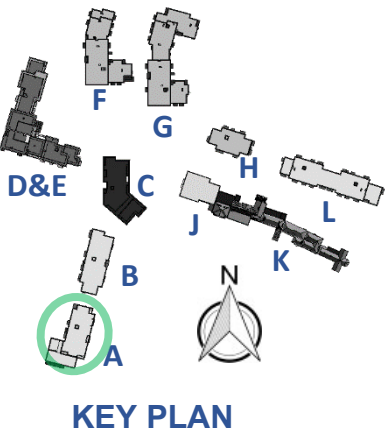


| Block A | Pass | Fail | Total |
|--------------|-------------|-----------|------------|
| Ground Floor | 13 | 0 | 13 |
| First Floor | 16 | 0 | 16 |
| Second Floor | 22 | 0 | 22 |
| Third Floor | 22 | 0 | 22 |
| Fourth Floor | 22 | 0 | 22 |
| Fifth Floor | 22 | 0 | 22 |
| Sixth Floor | 22 | 0 | 22 |
| Total | 139 | 0 | 139 |
| | 100% | 0% | |

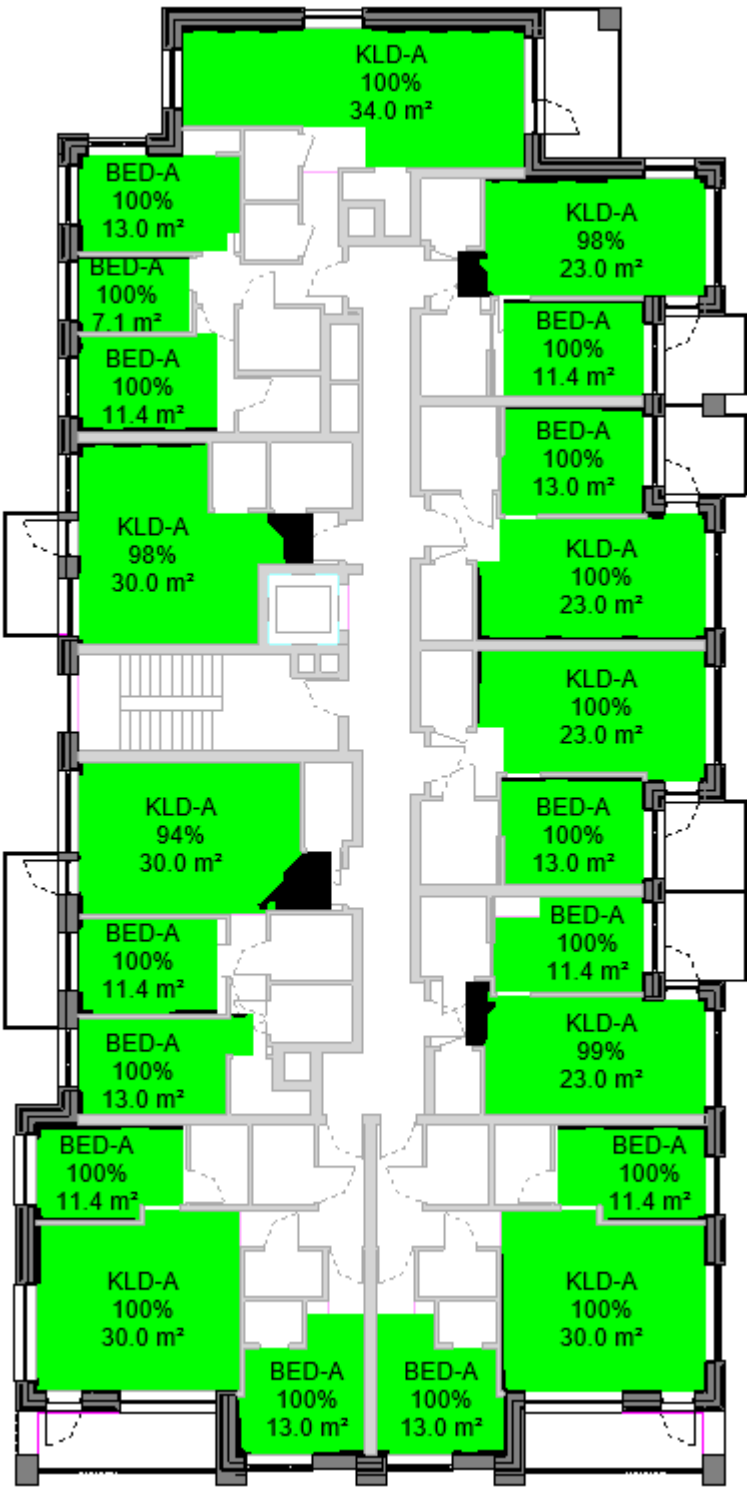
Block A – Sixth Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it’s receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| | |
|-----------------|-----------|
| SDA Targets | > 50% at |
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



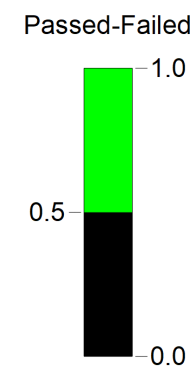
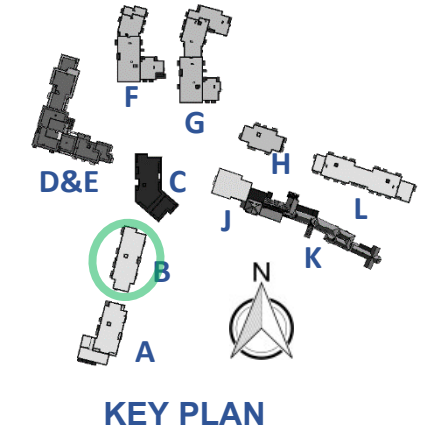
| Block A | Pass | Fail | Total |
|--------------|------|------|-------|
| Ground Floor | 13 | 0 | 13 |
| First Floor | 16 | 0 | 16 |
| Second Floor | 22 | 0 | 22 |
| Third Floor | 22 | 0 | 22 |
| Fourth Floor | 22 | 0 | 22 |
| Fifth Floor | 22 | 0 | 22 |
| Sixth Floor | 22 | 0 | 22 |
| Total | 139 | 0 | 139 |
| | 100% | 0% | |

Results – Block B

Block B – Ground Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.

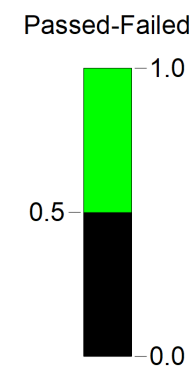
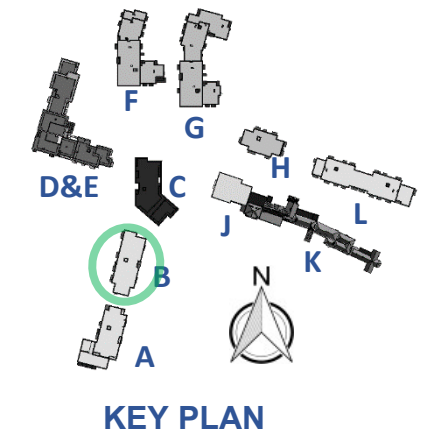


| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |

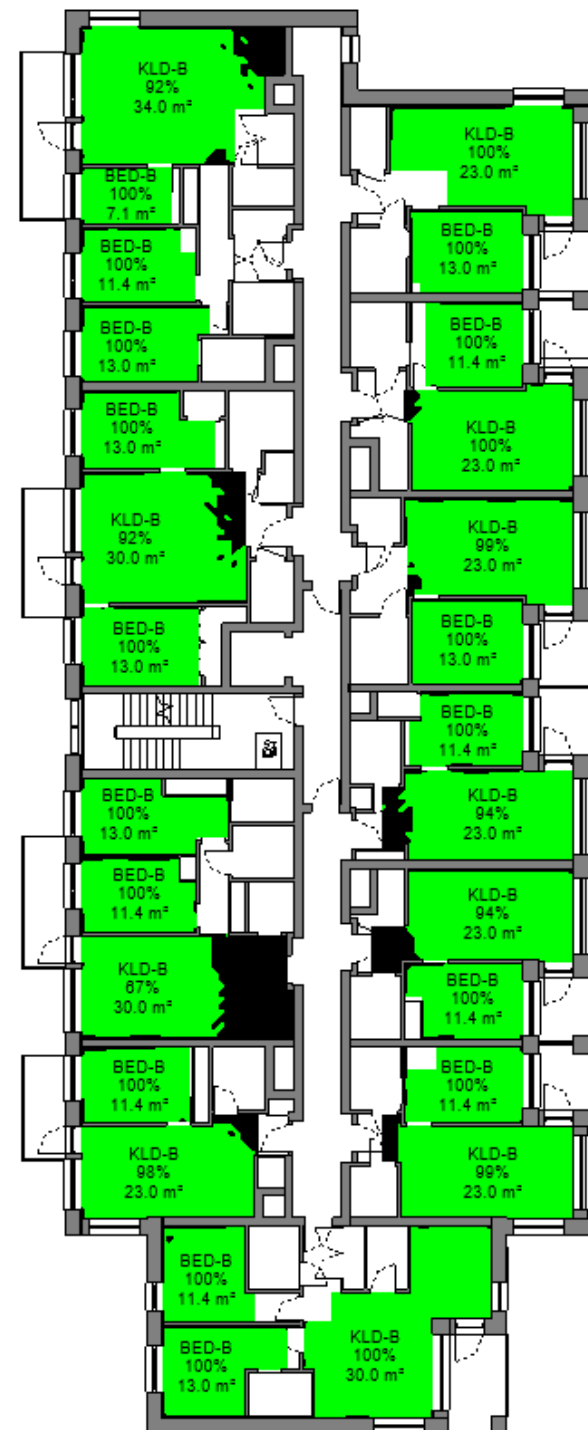


| Block B | Pass | Fail | Total |
|---------------|-------------|-----------|------------|
| Ground Floor | 24 | 0 | 24 |
| First Floor | 27 | 0 | 27 |
| Second Floor | 27 | 0 | 27 |
| Third Floor | 27 | 0 | 27 |
| Fourth Floor | 27 | 0 | 27 |
| Fifth Floor | 27 | 0 | 27 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 27 | 0 | 27 |
| Total | 213 | 0 | 213 |
| | 100% | 0% | |

Every room was determined to be compliant for SDA in this area.



| | |
|------------------------|---------------------|
| SDA Targets | > 50% at |
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |

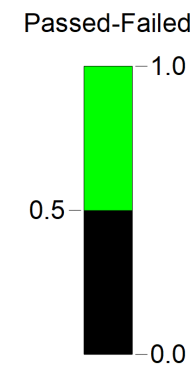


| Block B | Pass | Fail | Total |
|---------------|-------------|-----------|------------|
| Ground Floor | 24 | 0 | 24 |
| First Floor | 27 | 0 | 27 |
| Second Floor | 27 | 0 | 27 |
| Third Floor | 27 | 0 | 27 |
| Fourth Floor | 27 | 0 | 27 |
| Fifth Floor | 27 | 0 | 27 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 27 | 0 | 27 |
| Total | 213 | 0 | 213 |
| | 100% | 0% | |

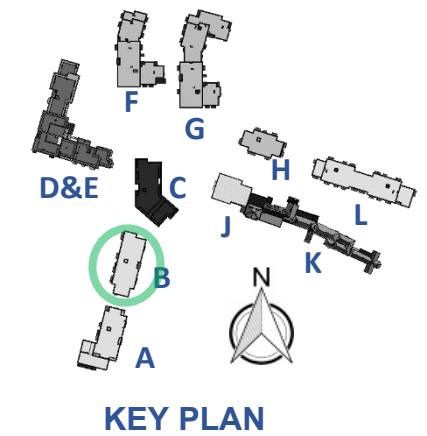
Block B – Second Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



| Block B | Pass | Fail | Total |
|---------------|-------------|-----------|------------|
| Ground Floor | 24 | 0 | 24 |
| First Floor | 27 | 0 | 27 |
| Second Floor | 27 | 0 | 27 |
| Third Floor | 27 | 0 | 27 |
| Fourth Floor | 27 | 0 | 27 |
| Fifth Floor | 27 | 0 | 27 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 27 | 0 | 27 |
| Total | 213 | 0 | 213 |
| | 100% | 0% | |

Daylight and Sunlight Analysis

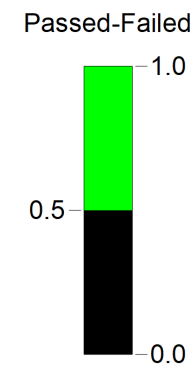
St Vincent's Hospital Fairview Redevelopment



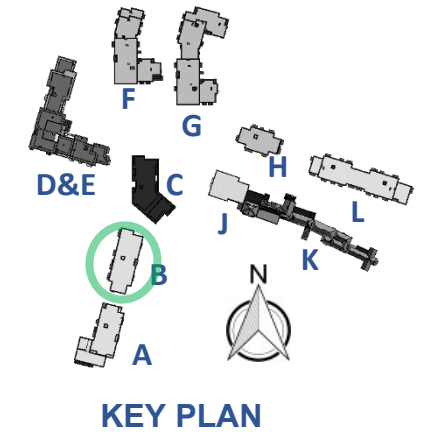
Block B – Third Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



| Block B | Pass | Fail | Total |
|---------------|-------------|-----------|------------|
| Ground Floor | 24 | 0 | 24 |
| First Floor | 27 | 0 | 27 |
| Second Floor | 27 | 0 | 27 |
| Third Floor | 27 | 0 | 27 |
| Fourth Floor | 27 | 0 | 27 |
| Fifth Floor | 27 | 0 | 27 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 27 | 0 | 27 |
| Total | 213 | 0 | 213 |
| | 100% | 0% | |

Daylight and Sunlight Analysis

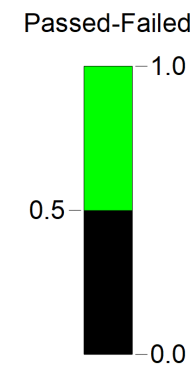
St Vincent's Hospital Fairview Redevelopment



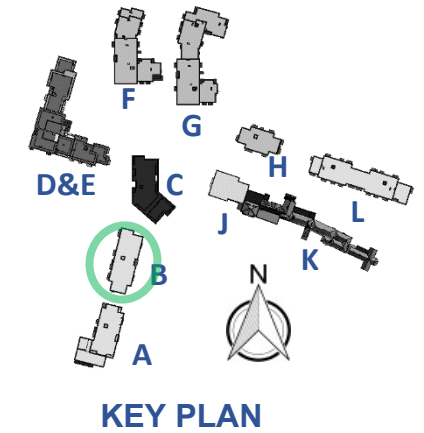
Block B – Fourth Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



| Block B | Pass | Fail | Total |
|---------------|-------------|-----------|------------|
| Ground Floor | 24 | 0 | 24 |
| First Floor | 27 | 0 | 27 |
| Second Floor | 27 | 0 | 27 |
| Third Floor | 27 | 0 | 27 |
| Fourth Floor | 27 | 0 | 27 |
| Fifth Floor | 27 | 0 | 27 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 27 | 0 | 27 |
| Total | 213 | 0 | 213 |
| | 100% | 0% | |

Daylight and Sunlight Analysis

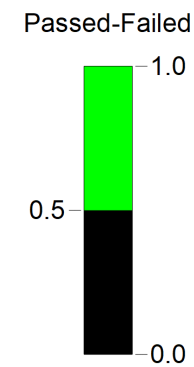
St Vincent's Hospital Fairview Redevelopment



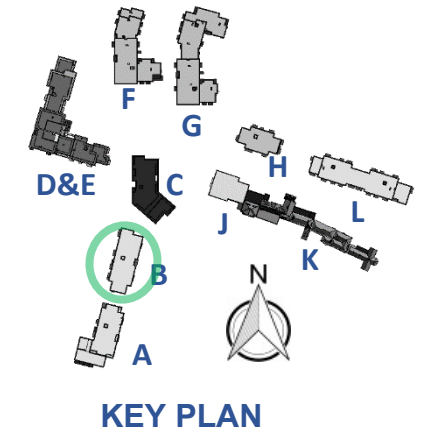
Block B – Fifth Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



| Block B | Pass | Fail | Total |
|---------------|-------------|-----------|------------|
| Ground Floor | 24 | 0 | 24 |
| First Floor | 27 | 0 | 27 |
| Second Floor | 27 | 0 | 27 |
| Third Floor | 27 | 0 | 27 |
| Fourth Floor | 27 | 0 | 27 |
| Fifth Floor | 27 | 0 | 27 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 27 | 0 | 27 |
| Total | 213 | 0 | 213 |
| | 100% | 0% | |

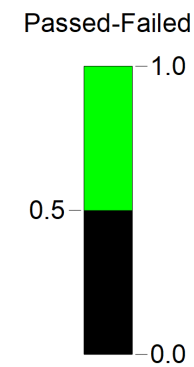
Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment

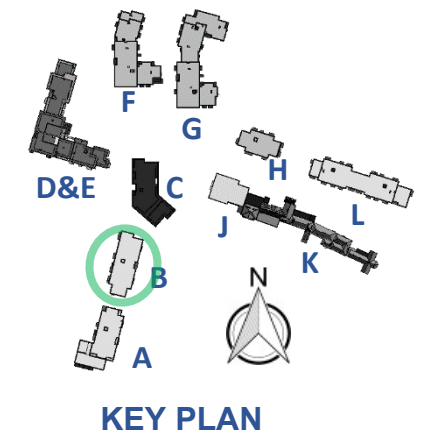
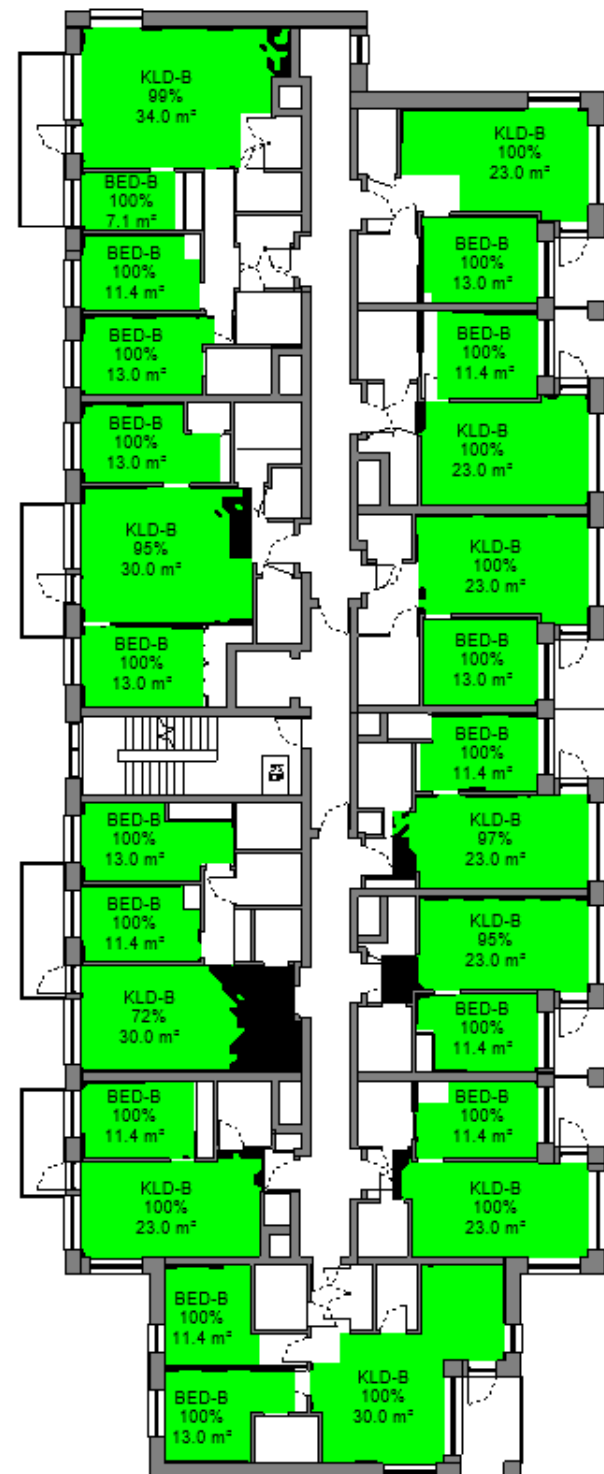
Block B – Sixth Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |

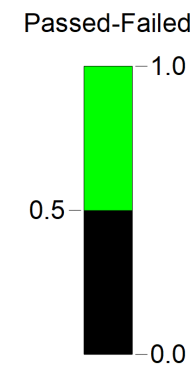


| Block B | Pass | Fail | Total |
|---------------|-------------|-----------|------------|
| Ground Floor | 24 | 0 | 24 |
| First Floor | 27 | 0 | 27 |
| Second Floor | 27 | 0 | 27 |
| Third Floor | 27 | 0 | 27 |
| Fourth Floor | 27 | 0 | 27 |
| Fifth Floor | 27 | 0 | 27 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 27 | 0 | 27 |
| Total | 213 | 0 | 213 |
| | 100% | 0% | |

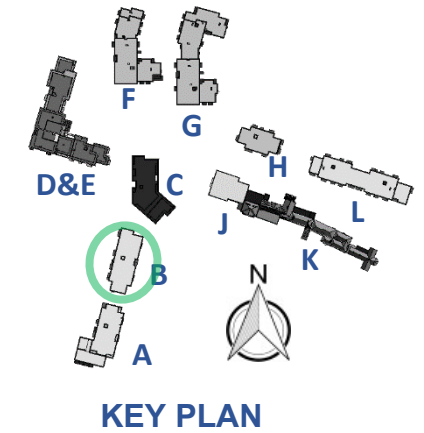
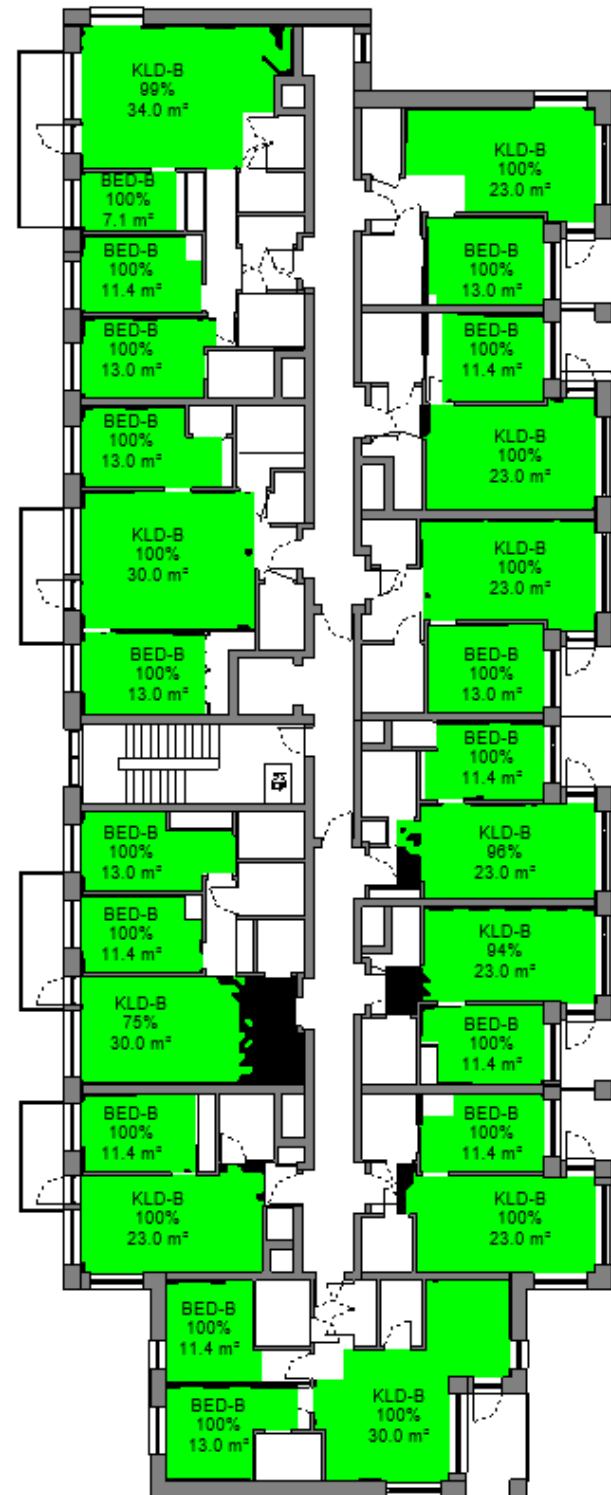
Block B – Seventh Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



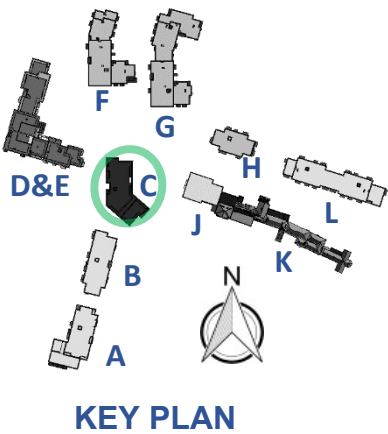
| Block B | Pass | Fail | Total |
|---------------|-------------|-----------|------------|
| Ground Floor | 24 | 0 | 24 |
| First Floor | 27 | 0 | 27 |
| Second Floor | 27 | 0 | 27 |
| Third Floor | 27 | 0 | 27 |
| Fourth Floor | 27 | 0 | 27 |
| Fifth Floor | 27 | 0 | 27 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 27 | 0 | 27 |
| Total | 213 | 0 | 213 |
| | 100% | 0% | |

Results – Block C

Block C – Basement

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it’s receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| Block C | Pass | Fail | Total |
|--------------|------|------|-------|
| Basement | 10 | 0 | 10 |
| Ground Floor | 26 | 0 | 26 |
| First Floor | 30 | 0 | 30 |
| Second Floor | 30 | 0 | 30 |
| Third Floor | 30 | 0 | 30 |
| Fourth Floor | 30 | 0 | 30 |
| Fifth Floor | 30 | 0 | 30 |
| Sixth Floor | 20 | 0 | 20 |
| Total | 206 | 0 | 206 |
| | 100% | 0% | |

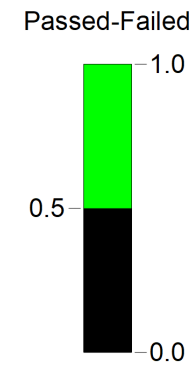
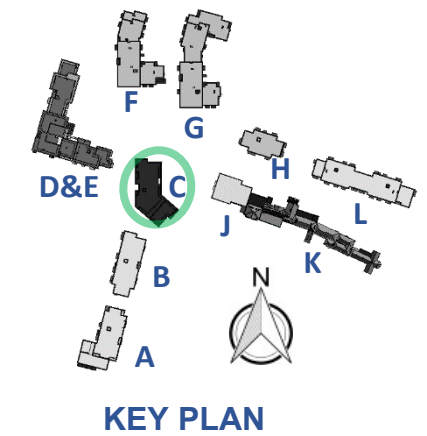
Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment

Block C – Ground Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



| Block C | Pass | Fail | Total |
|--------------|-------------|-----------|------------|
| Basement | 10 | 0 | 10 |
| Ground Floor | 26 | 0 | 26 |
| First Floor | 30 | 0 | 30 |
| Second Floor | 30 | 0 | 30 |
| Third Floor | 30 | 0 | 30 |
| Fourth Floor | 30 | 0 | 30 |
| Fifth Floor | 30 | 0 | 30 |
| Sixth Floor | 20 | 0 | 20 |
| Total | 206 | 0 | 206 |
| | 100% | 0% | |

Daylight and Sunlight Analysis

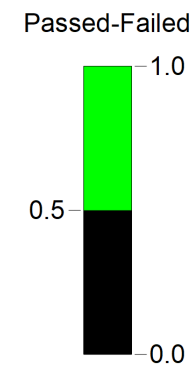
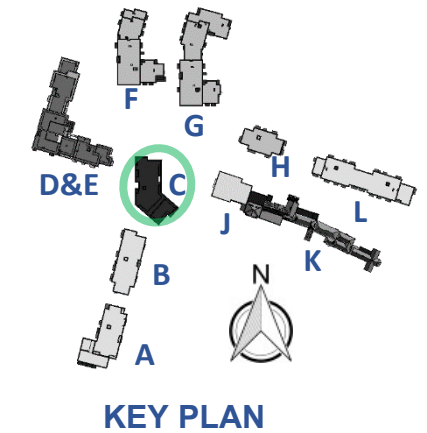
St Vincent's Hospital Fairview Redevelopment



Block C – First Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



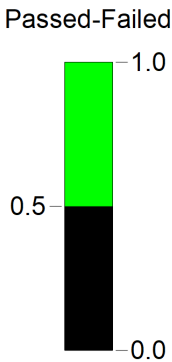
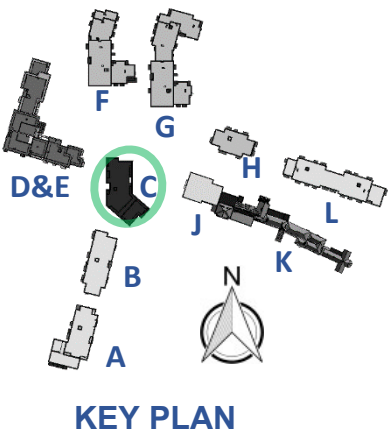
| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



| Block C | Pass | Fail | Total |
|--------------|-------------|-----------|------------|
| Basement | 10 | 0 | 10 |
| Ground Floor | 26 | 0 | 26 |
| First Floor | 30 | 0 | 30 |
| Second Floor | 30 | 0 | 30 |
| Third Floor | 30 | 0 | 30 |
| Fourth Floor | 30 | 0 | 30 |
| Fifth Floor | 30 | 0 | 30 |
| Sixth Floor | 20 | 0 | 20 |
| Total | 206 | 0 | 206 |
| | 100% | 0% | |

Block C – Second Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it’s receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.
Every room was determined to be compliant for SDA in this area.



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



| Block C | Pass | Fail | Total |
|--------------|------|------|-------|
| Basement | 10 | 0 | 10 |
| Ground Floor | 26 | 0 | 26 |
| First Floor | 30 | 0 | 30 |
| Second Floor | 30 | 0 | 30 |
| Third Floor | 30 | 0 | 30 |
| Fourth Floor | 30 | 0 | 30 |
| Fifth Floor | 30 | 0 | 30 |
| Sixth Floor | 20 | 0 | 20 |
| Total | 206 | 0 | 206 |
| | 100% | 0% | |

Daylight and Sunlight Analysis

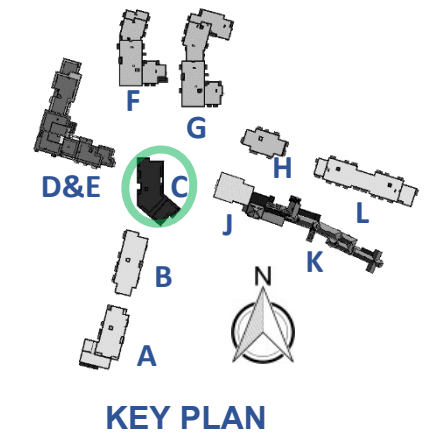
St Vincent's Hospital Fairview Redevelopment



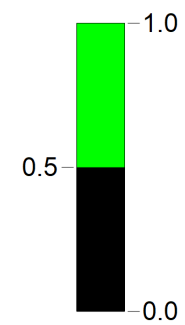
Block C – Third Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



Passed-Failed



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



| Block C | Pass | Fail | Total |
|--------------|-------------|-----------|------------|
| Basement | 10 | 0 | 10 |
| Ground Floor | 26 | 0 | 26 |
| First Floor | 30 | 0 | 30 |
| Second Floor | 30 | 0 | 30 |
| Third Floor | 30 | 0 | 30 |
| Fourth Floor | 30 | 0 | 30 |
| Fifth Floor | 30 | 0 | 30 |
| Sixth Floor | 20 | 0 | 20 |
| Total | 206 | 0 | 206 |
| | 100% | 0% | |

Daylight and Sunlight Analysis

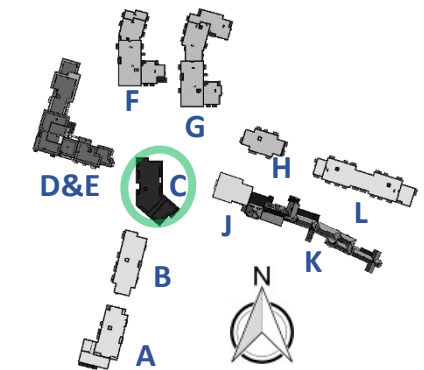
St Vincent's Hospital Fairview Redevelopment



Block C – Fourth Floor

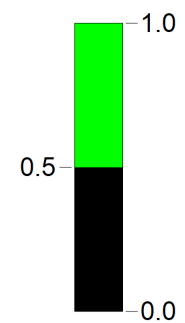
Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



KEY PLAN

Passed-Failed



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



| Block C | Pass | Fail | Total |
|--------------|-------------|-----------|------------|
| Basement | 10 | 0 | 10 |
| Ground Floor | 26 | 0 | 26 |
| First Floor | 30 | 0 | 30 |
| Second Floor | 30 | 0 | 30 |
| Third Floor | 30 | 0 | 30 |
| Fourth Floor | 30 | 0 | 30 |
| Fifth Floor | 30 | 0 | 30 |
| Sixth Floor | 20 | 0 | 20 |
| Total | 206 | 0 | 206 |
| | 100% | 0% | |

Daylight and Sunlight Analysis

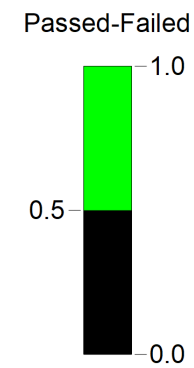
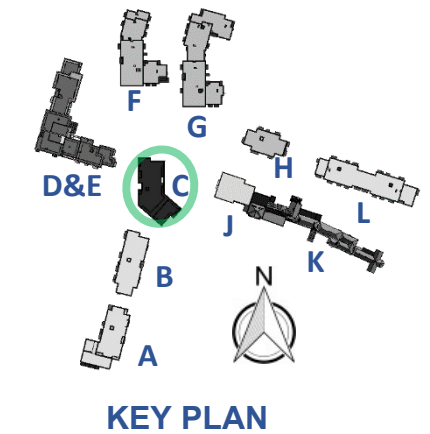
St Vincent's Hospital Fairview Redevelopment



Block C – Fifth Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



| Block C | Pass | Fail | Total |
|--------------|-------------|-----------|------------|
| Basement | 10 | 0 | 10 |
| Ground Floor | 26 | 0 | 26 |
| First Floor | 30 | 0 | 30 |
| Second Floor | 30 | 0 | 30 |
| Third Floor | 30 | 0 | 30 |
| Fourth Floor | 30 | 0 | 30 |
| Fifth Floor | 30 | 0 | 30 |
| Sixth Floor | 20 | 0 | 20 |
| Total | 206 | 0 | 206 |
| | 100% | 0% | |

Daylight and Sunlight Analysis

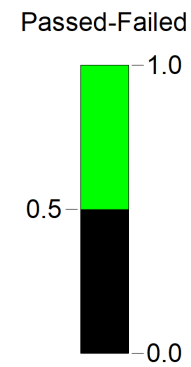
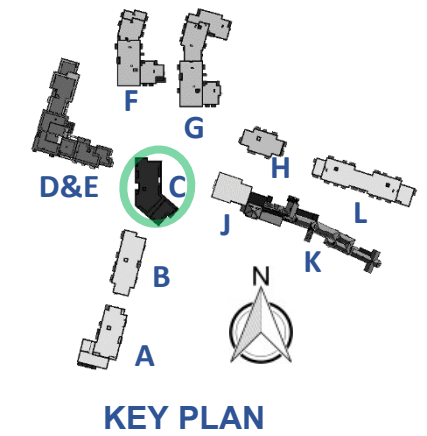
St Vincent's Hospital Fairview Redevelopment



Block C – Sixth Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



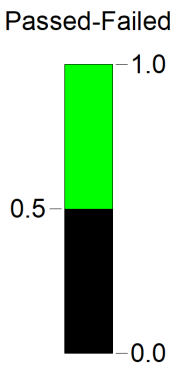
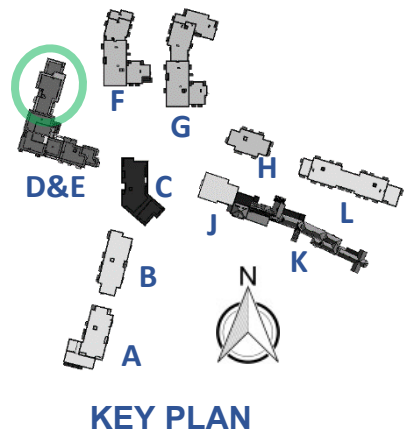
| Block C | Pass | Fail | Total |
|--------------|-------------|-----------|------------|
| Basement | 10 | 0 | 10 |
| Ground Floor | 26 | 0 | 26 |
| First Floor | 30 | 0 | 30 |
| Second Floor | 30 | 0 | 30 |
| Third Floor | 30 | 0 | 30 |
| Fourth Floor | 30 | 0 | 30 |
| Fifth Floor | 30 | 0 | 30 |
| Sixth Floor | 20 | 0 | 20 |
| Total | 206 | 0 | 206 |
| | 100% | 0% | |

Results – Block DE

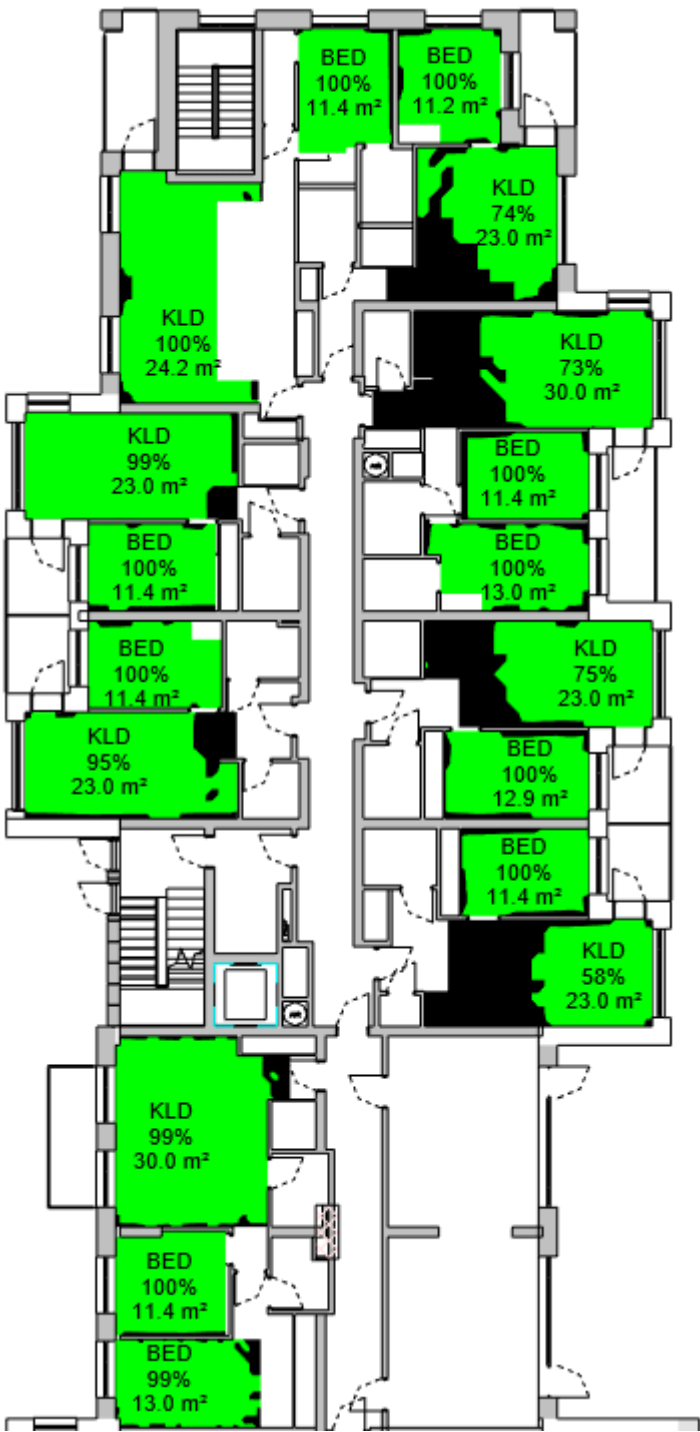
Block DE – Ground Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it’s receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |

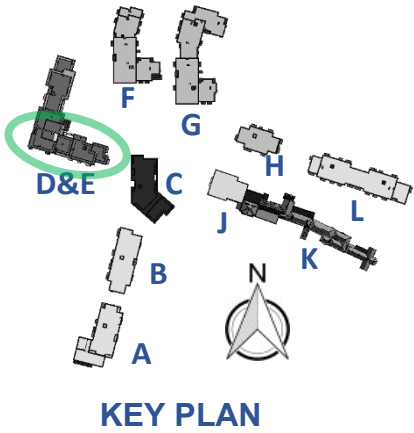


| Block D & E | Pass | Fail | Total |
|----------------|------|------|-------|
| Ground Floor | 45 | 2 | 47 |
| First Floor | 55 | 0 | 55 |
| Second Floor | 59 | 1 | 60 |
| Third Floor | 59 | 1 | 60 |
| Fourth Floor | 59 | 1 | 60 |
| Fifth Floor | 54 | 1 | 55 |
| Sixth Floor | 34 | 0 | 34 |
| Seventh Floor | 35 | 0 | 35 |
| Eighth Floor | 35 | 0 | 35 |
| Ninth Floor | 18 | 0 | 18 |
| Tenth Floor | 18 | 0 | 18 |
| Eleventh Floor | 18 | 0 | 18 |
| Total | 489 | 6 | 495 |
| | 99% | 1% | |

Block DE – Ground Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it’s receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

1 KLD and 1 bedroom were determined to be non-compliant.
The rest of the rooms were determined to be compliant for SDA in this area.



| Block D & E | Pass | Fail | Total |
|----------------|------|------|-------|
| Ground Floor | 45 | 2 | 47 |
| First Floor | 55 | 0 | 55 |
| Second Floor | 59 | 1 | 60 |
| Third Floor | 59 | 1 | 60 |
| Fourth Floor | 59 | 1 | 60 |
| Fifth Floor | 54 | 1 | 55 |
| Sixth Floor | 34 | 0 | 34 |
| Seventh Floor | 35 | 0 | 35 |
| Eighth Floor | 35 | 0 | 35 |
| Ninth Floor | 18 | 0 | 18 |
| Tenth Floor | 18 | 0 | 18 |
| Eleventh Floor | 18 | 0 | 18 |
| Total | 489 | 6 | 495 |
| | 99% | 1% | |

- Compensatory Measures:
- 1. Daylight Adjacency
 - 2. Sunlight
 - 3. Dual Aspect
 - 4. Aspect
 - 5. Direct Access to Courtyard
 - 6. Communal Open Space



Daylight and Sunlight Analysis

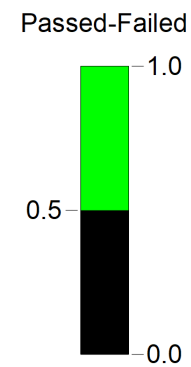
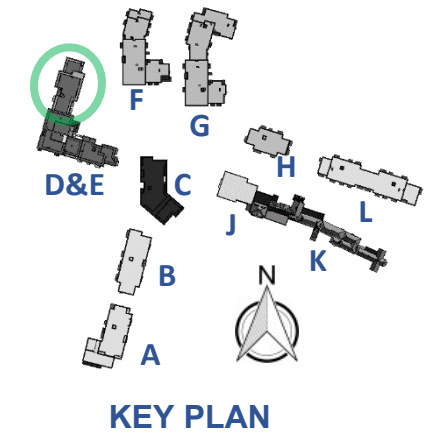
St Vincent's Hospital Fairview Redevelopment



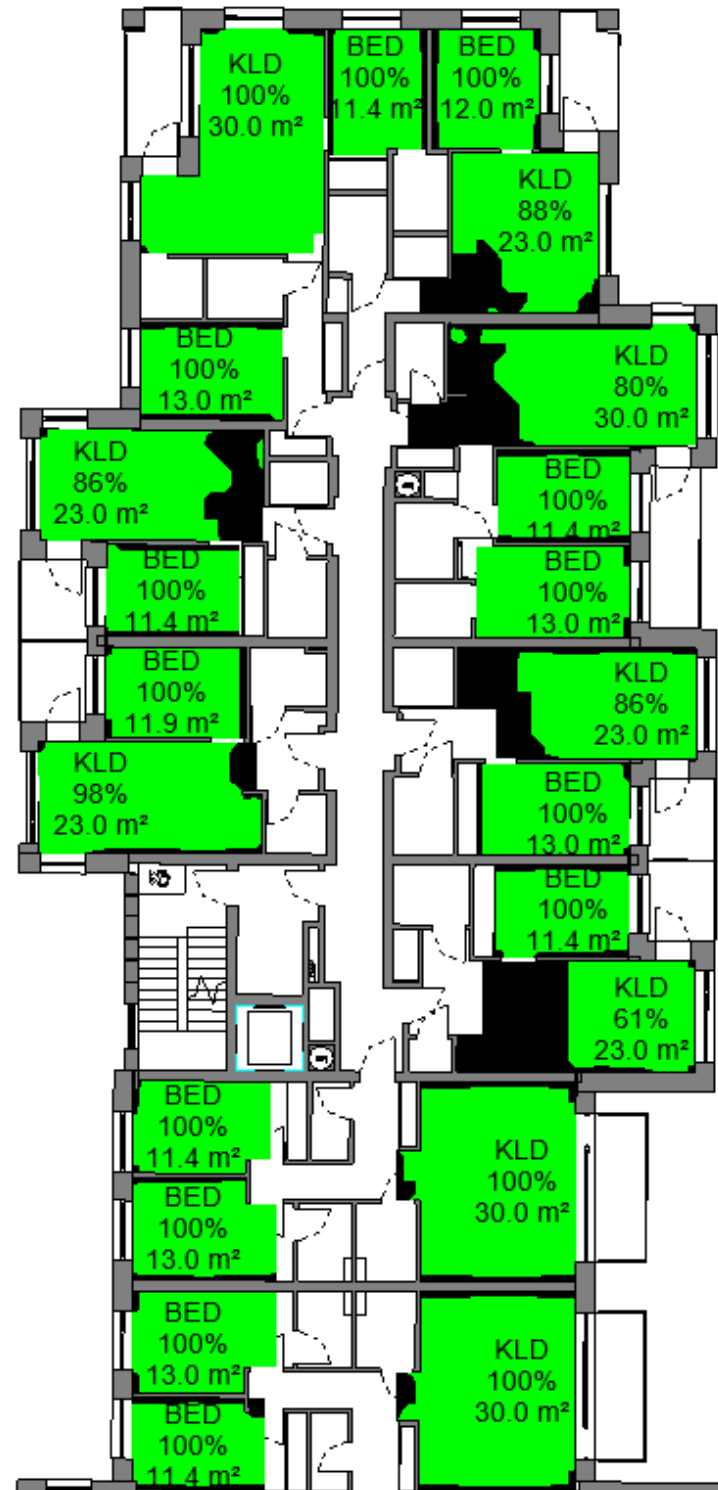
Block DE – First Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



| Block D & E | Pass | Fail | Total |
|----------------|------------|-----------|------------|
| Ground Floor | 45 | 2 | 47 |
| First Floor | 55 | 0 | 55 |
| Second Floor | 59 | 1 | 60 |
| Third Floor | 59 | 1 | 60 |
| Fourth Floor | 59 | 1 | 60 |
| Fifth Floor | 54 | 1 | 55 |
| Sixth Floor | 34 | 0 | 34 |
| Seventh Floor | 35 | 0 | 35 |
| Eighth Floor | 35 | 0 | 35 |
| Ninth Floor | 18 | 0 | 18 |
| Tenth Floor | 18 | 0 | 18 |
| Eleventh Floor | 18 | 0 | 18 |
| Total | 489 | 6 | 495 |
| | 99% | 1% | |

Daylight and Sunlight Analysis

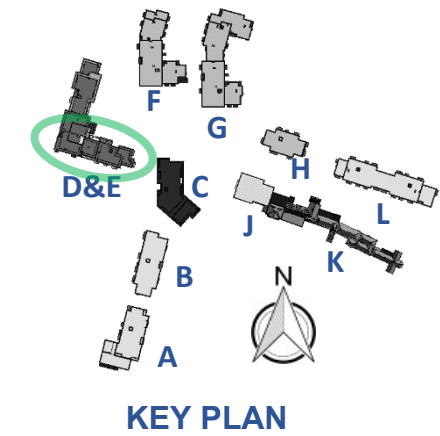
St Vincent's Hospital Fairview Redevelopment



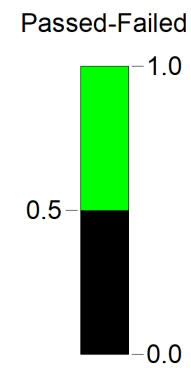
Block DE – First Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| Block D & E | Pass | Fail | Total |
|----------------|------------|-----------|------------|
| Ground Floor | 45 | 2 | 47 |
| First Floor | 55 | 0 | 55 |
| Second Floor | 59 | 1 | 60 |
| Third Floor | 59 | 1 | 60 |
| Fourth Floor | 59 | 1 | 60 |
| Fifth Floor | 54 | 1 | 55 |
| Sixth Floor | 34 | 0 | 34 |
| Seventh Floor | 35 | 0 | 35 |
| Eighth Floor | 35 | 0 | 35 |
| Ninth Floor | 18 | 0 | 18 |
| Tenth Floor | 18 | 0 | 18 |
| Eleventh Floor | 18 | 0 | 18 |
| Total | 489 | 6 | 495 |
| | 99% | 1% | |



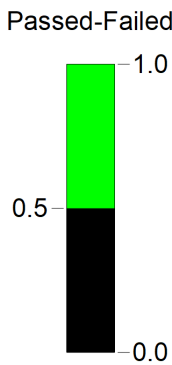
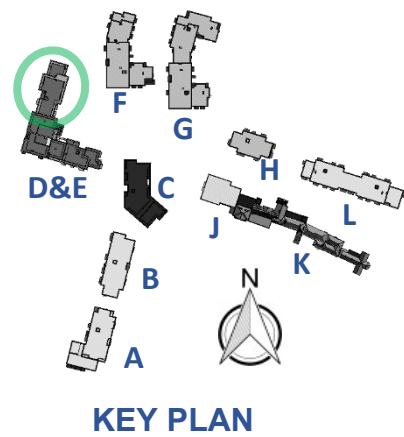
| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



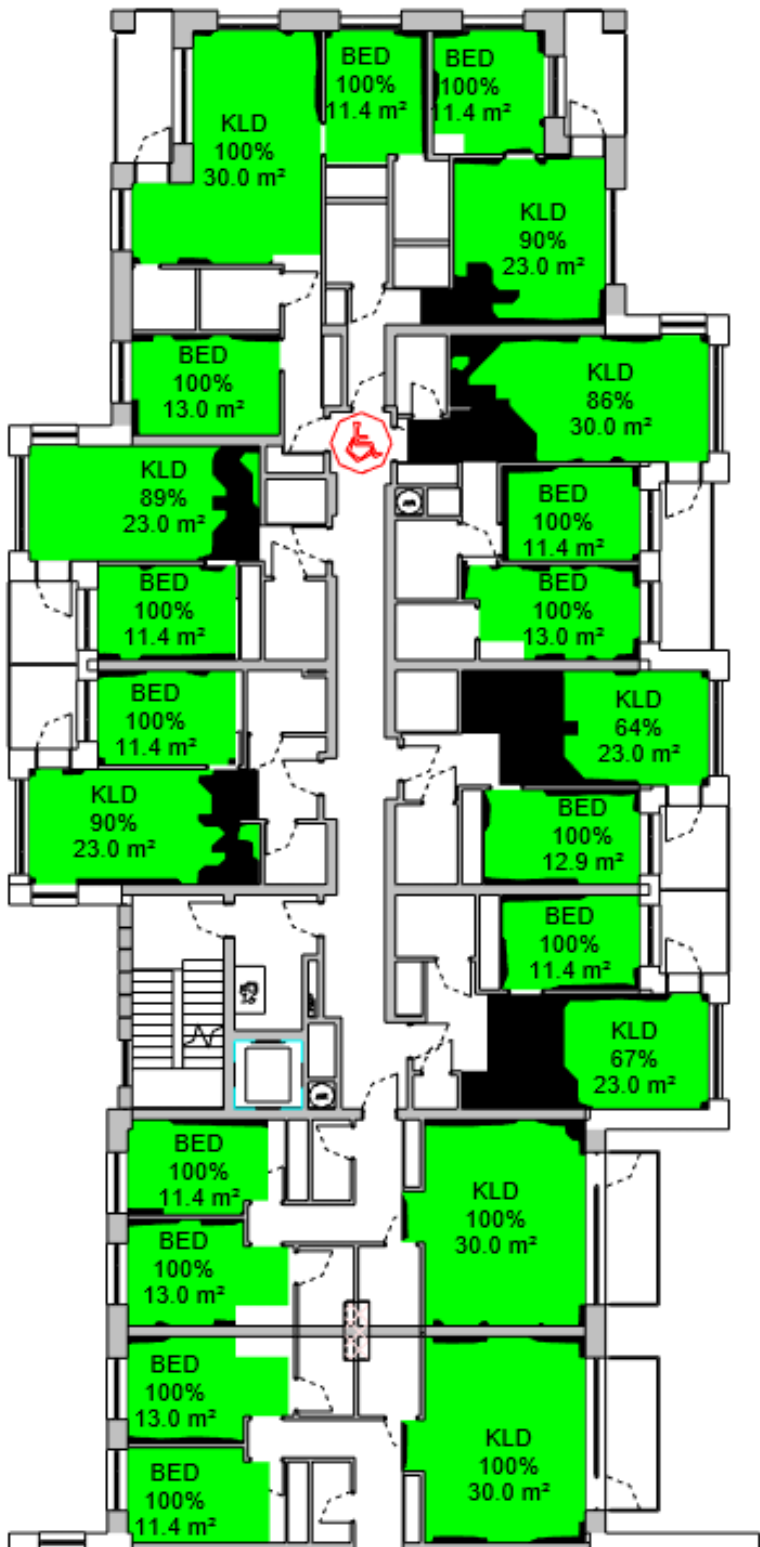
Block DE – Second Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it’s receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| | |
|-----------------|-----------|
| SDA Targets | > 50% at |
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



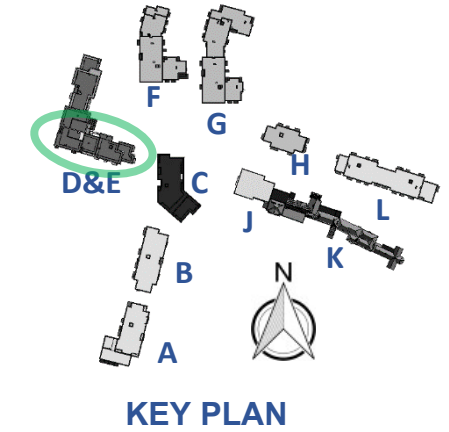
| Block D & E | Pass | Fail | Total |
|----------------|------|------|-------|
| Ground Floor | 45 | 2 | 47 |
| First Floor | 55 | 0 | 55 |
| Second Floor | 59 | 1 | 60 |
| Third Floor | 59 | 1 | 60 |
| Fourth Floor | 59 | 1 | 60 |
| Fifth Floor | 54 | 1 | 55 |
| Sixth Floor | 34 | 0 | 34 |
| Seventh Floor | 35 | 0 | 35 |
| Eighth Floor | 35 | 0 | 35 |
| Ninth Floor | 18 | 0 | 18 |
| Tenth Floor | 18 | 0 | 18 |
| Eleventh Floor | 18 | 0 | 18 |
| Total | 489 | 6 | 495 |
| | 99% | 1% | |

Block DE – Second Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

1 KLD was found to be non-compliant.

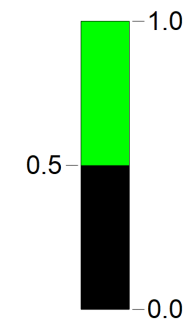
The rest of the rooms were determined to be compliant for SDA in this area.



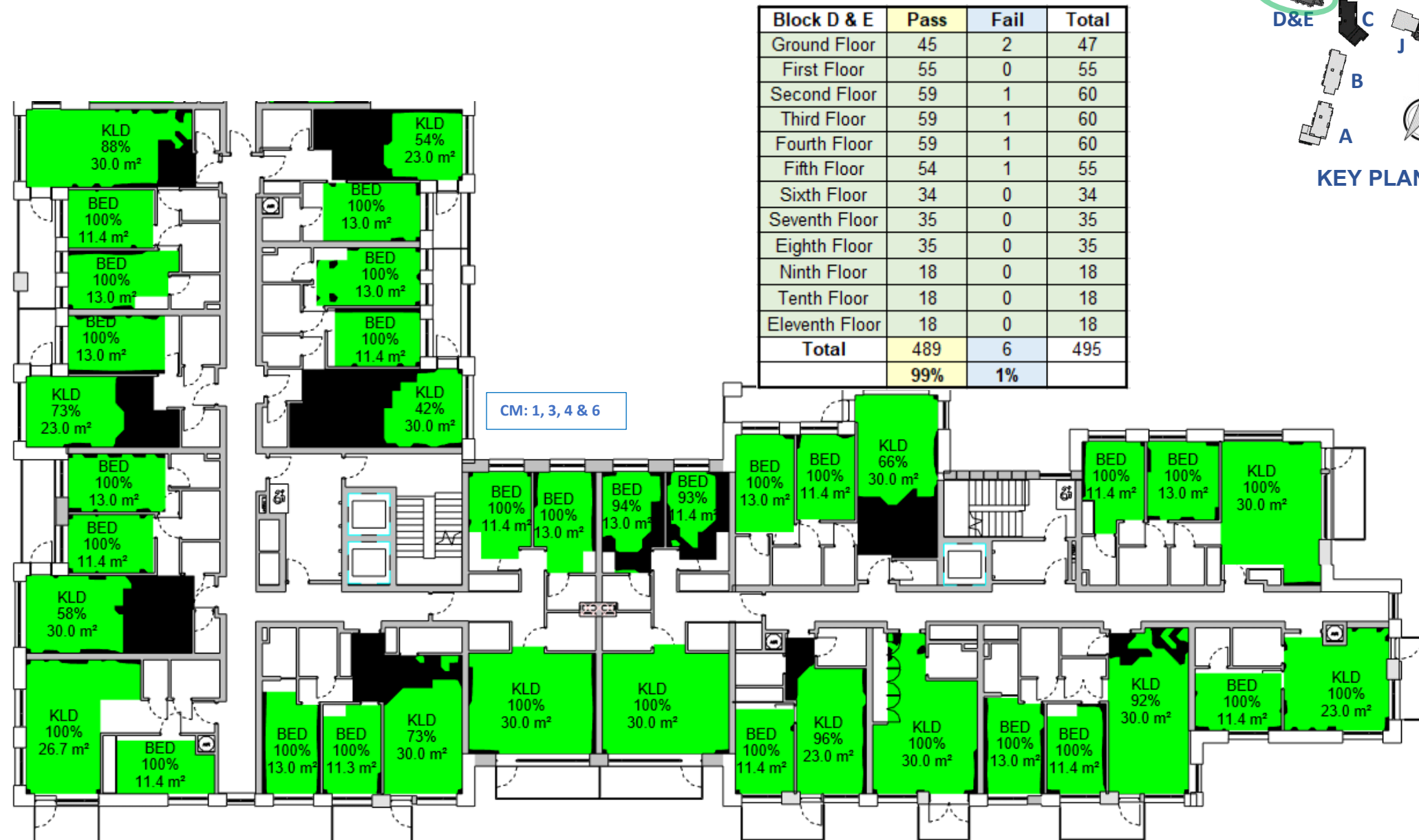
Compensatory Measures:

1. Daylight Adjacency
2. Sunlight
3. Dual Aspect
4. Aspect
5. Direct Access to Courtyard
6. Communal Open Space

Passed-Failed



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



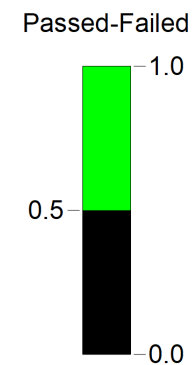
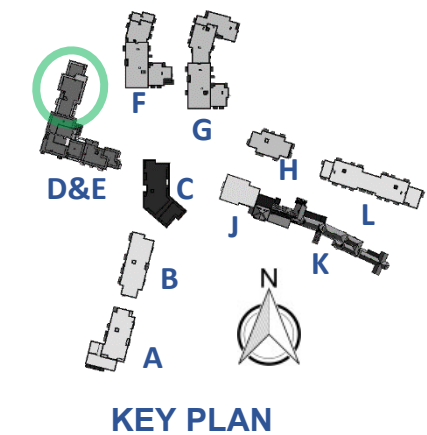
Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment

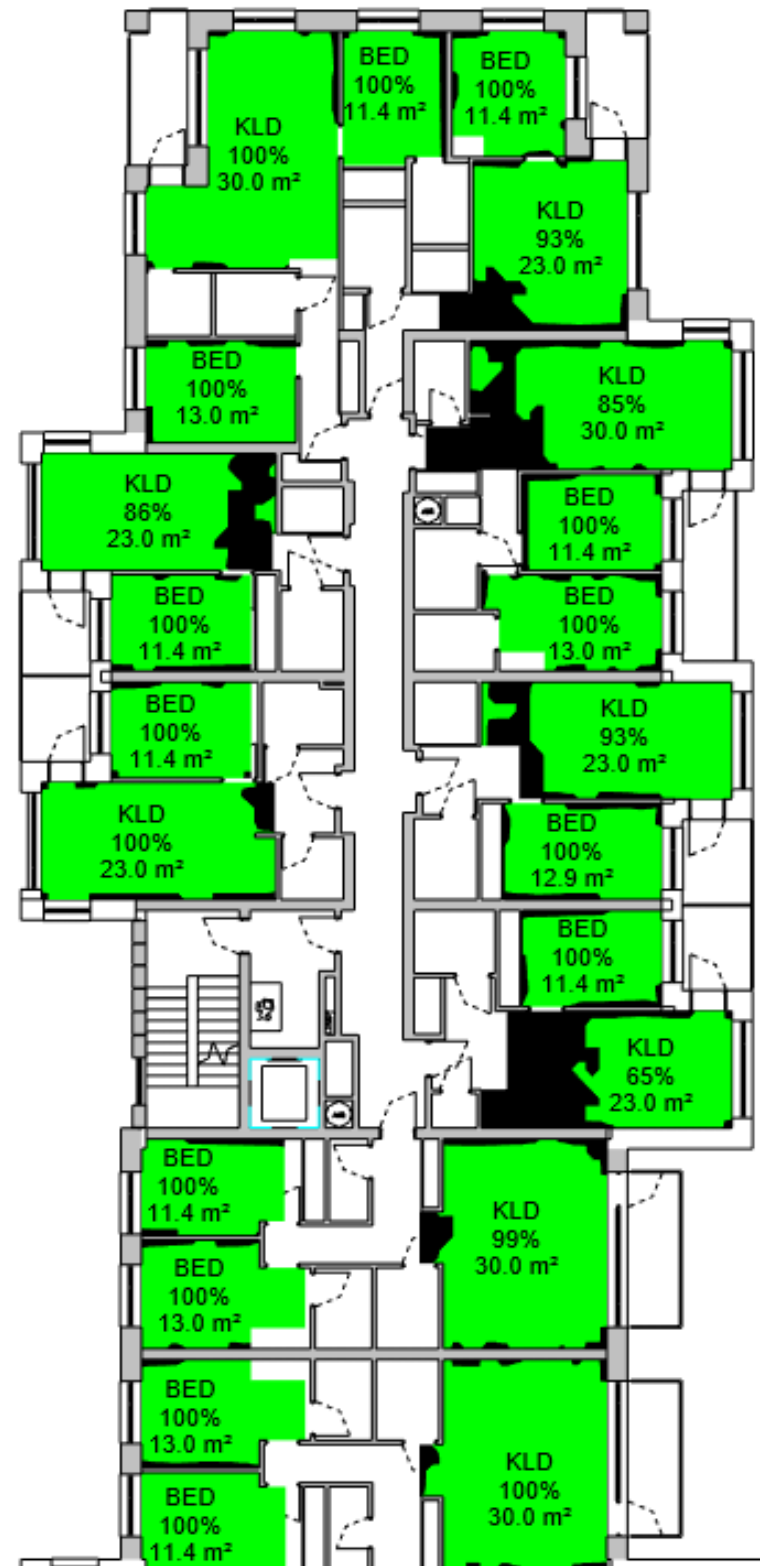
Block DE – Third Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



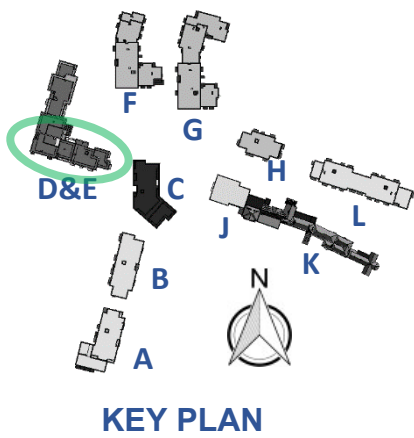
| Block D & E | Pass | Fail | Total |
|----------------|------------|-----------|------------|
| Ground Floor | 45 | 2 | 47 |
| First Floor | 55 | 0 | 55 |
| Second Floor | 59 | 1 | 60 |
| Third Floor | 59 | 1 | 60 |
| Fourth Floor | 59 | 1 | 60 |
| Fifth Floor | 54 | 1 | 55 |
| Sixth Floor | 34 | 0 | 34 |
| Seventh Floor | 35 | 0 | 35 |
| Eighth Floor | 35 | 0 | 35 |
| Ninth Floor | 18 | 0 | 18 |
| Tenth Floor | 18 | 0 | 18 |
| Eleventh Floor | 18 | 0 | 18 |
| Total | 489 | 6 | 495 |
| | 99% | 1% | |

Block DE – Third Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it’s receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

1 KLD was found to be non-compliant.

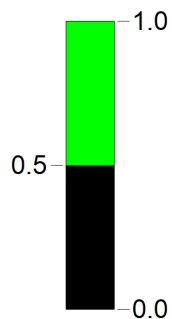
The rest of the rooms were determined to be compliant for SDA in this area.



Compensatory Measures:

- 1. Daylight Adjacency
- 2. Sunlight
- 3. Dual Aspect
- 4. Aspect
- 5. Direct Access to Courtyard
- 6. Communal Open Space

Passed-Failed



| | |
|-----------------|-----------|
| SDA Targets | > 50% at |
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |

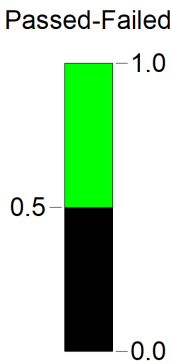
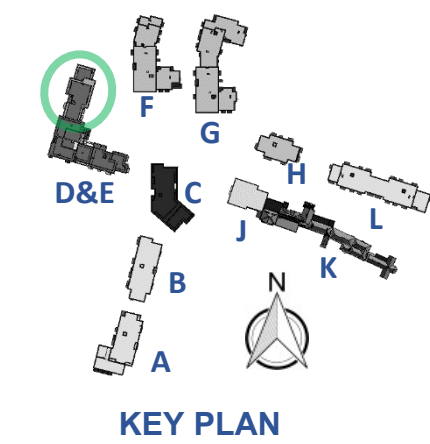


| Block D & E | Pass | Fail | Total |
|----------------|------|------|-------|
| Ground Floor | 45 | 2 | 47 |
| First Floor | 55 | 0 | 55 |
| Second Floor | 59 | 1 | 60 |
| Third Floor | 59 | 1 | 60 |
| Fourth Floor | 59 | 1 | 60 |
| Fifth Floor | 54 | 1 | 55 |
| Sixth Floor | 34 | 0 | 34 |
| Seventh Floor | 35 | 0 | 35 |
| Eighth Floor | 35 | 0 | 35 |
| Ninth Floor | 18 | 0 | 18 |
| Tenth Floor | 18 | 0 | 18 |
| Eleventh Floor | 18 | 0 | 18 |
| Total | 489 | 6 | 495 |
| | 99% | 1% | |

Block DE – Fourth Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it’s receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



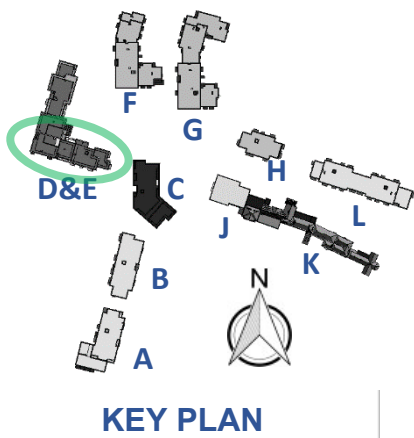
| Block D & E | Pass | Fail | Total |
|----------------|------|------|-------|
| Ground Floor | 45 | 2 | 47 |
| First Floor | 55 | 0 | 55 |
| Second Floor | 59 | 1 | 60 |
| Third Floor | 59 | 1 | 60 |
| Fourth Floor | 59 | 1 | 60 |
| Fifth Floor | 54 | 1 | 55 |
| Sixth Floor | 34 | 0 | 34 |
| Seventh Floor | 35 | 0 | 35 |
| Eighth Floor | 35 | 0 | 35 |
| Ninth Floor | 18 | 0 | 18 |
| Tenth Floor | 18 | 0 | 18 |
| Eleventh Floor | 18 | 0 | 18 |
| Total | 489 | 6 | 495 |
| | 99% | 1% | |

Block DE – Fourth Floor

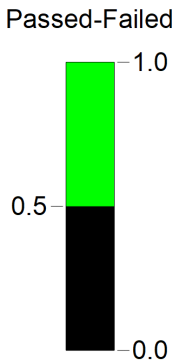
Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it’s receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

1 KLD was found to be non-compliant.

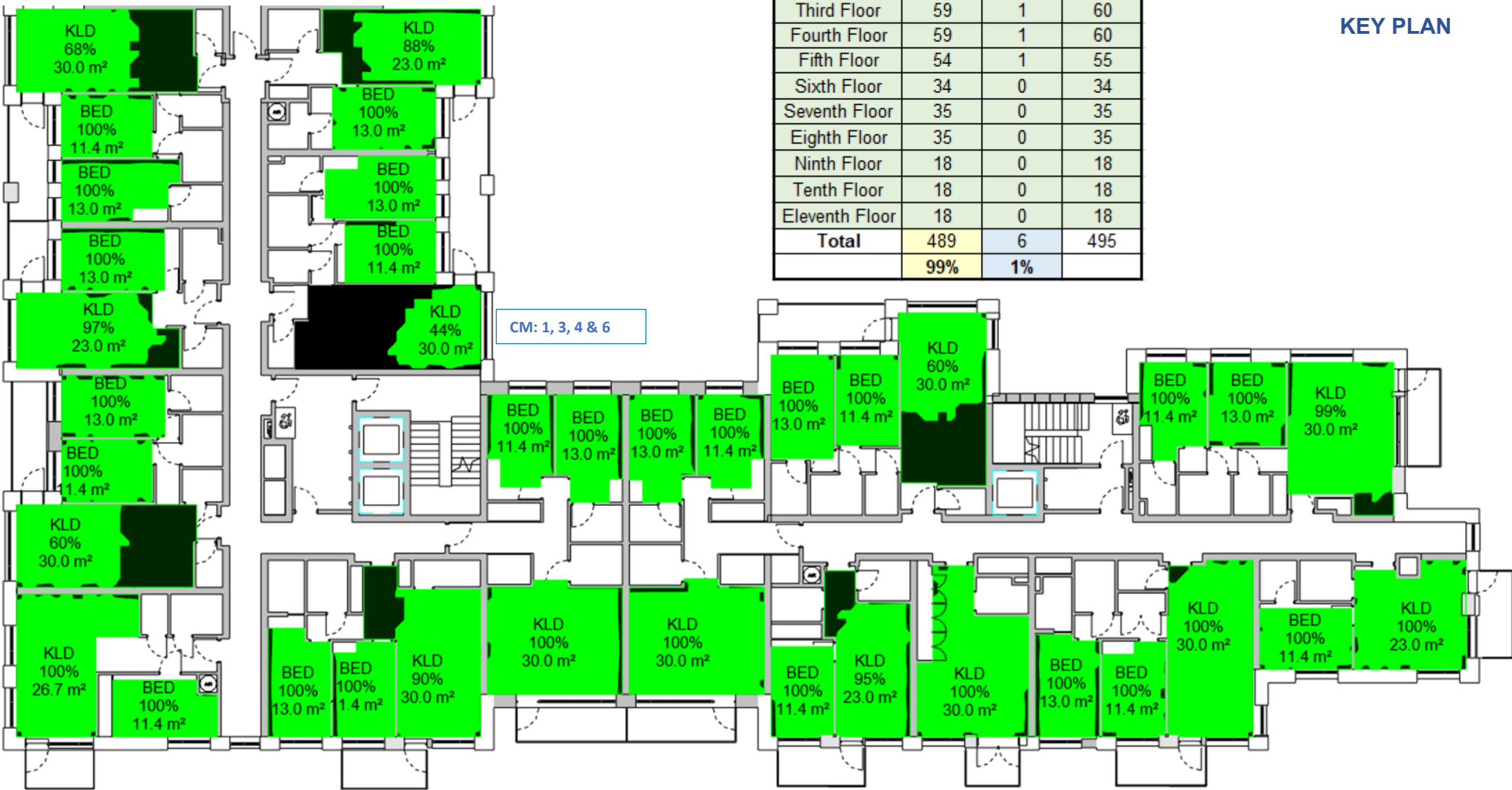
The rest of the rooms were determined to be compliant for SDA in this area.



- Compensatory Measures:
- 1. Daylight Adjacency
 - 2. Sunlight
 - 3. Dual Aspect
 - 4. Aspect
 - 5. Direct Access to Courtyard
 - 6. Communal Open Space



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |

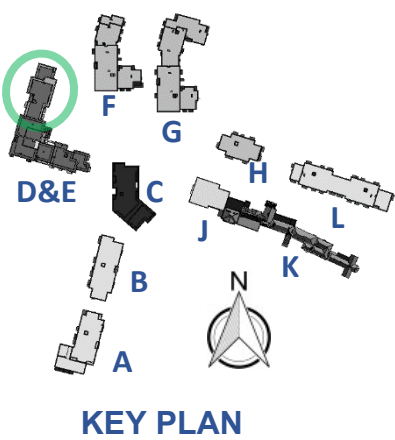


| Block D & E | Pass | Fail | Total |
|----------------|------|------|-------|
| Ground Floor | 45 | 2 | 47 |
| First Floor | 55 | 0 | 55 |
| Second Floor | 59 | 1 | 60 |
| Third Floor | 59 | 1 | 60 |
| Fourth Floor | 59 | 1 | 60 |
| Fifth Floor | 54 | 1 | 55 |
| Sixth Floor | 34 | 0 | 34 |
| Seventh Floor | 35 | 0 | 35 |
| Eighth Floor | 35 | 0 | 35 |
| Ninth Floor | 18 | 0 | 18 |
| Tenth Floor | 18 | 0 | 18 |
| Eleventh Floor | 18 | 0 | 18 |
| Total | 489 | 6 | 495 |
| | 99% | 1% | |

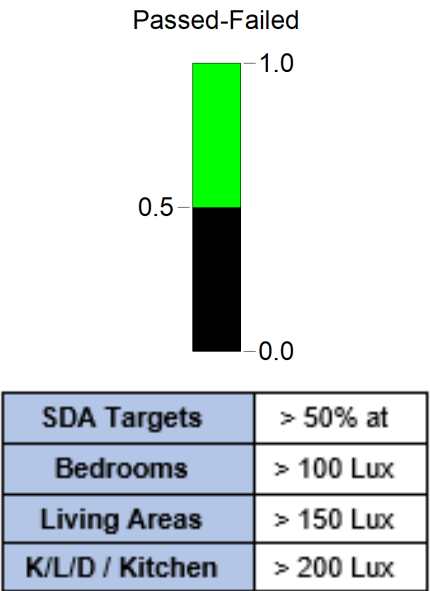
Block DE – Fifth Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it’s receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| Block D & E | Pass | Fail | Total |
|----------------|------|------|-------|
| Ground Floor | 45 | 2 | 47 |
| First Floor | 55 | 0 | 55 |
| Second Floor | 59 | 1 | 60 |
| Third Floor | 59 | 1 | 60 |
| Fourth Floor | 59 | 1 | 60 |
| Fifth Floor | 54 | 1 | 55 |
| Sixth Floor | 34 | 0 | 34 |
| Seventh Floor | 35 | 0 | 35 |
| Eighth Floor | 35 | 0 | 35 |
| Ninth Floor | 18 | 0 | 18 |
| Tenth Floor | 18 | 0 | 18 |
| Eleventh Floor | 18 | 0 | 18 |
| Total | 489 | 6 | 495 |
| | 99% | 1% | |

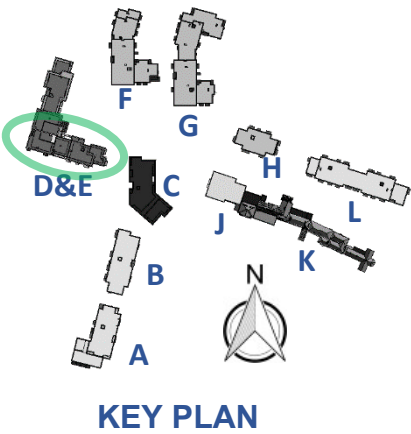


Block DE – Fifth Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it’s receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

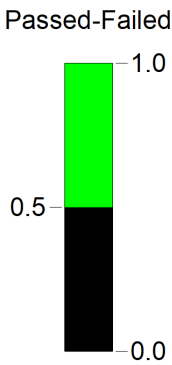
1 KLD was found to be non-compliant.

The rest of the rooms were determined to be compliant for SDA in this area.



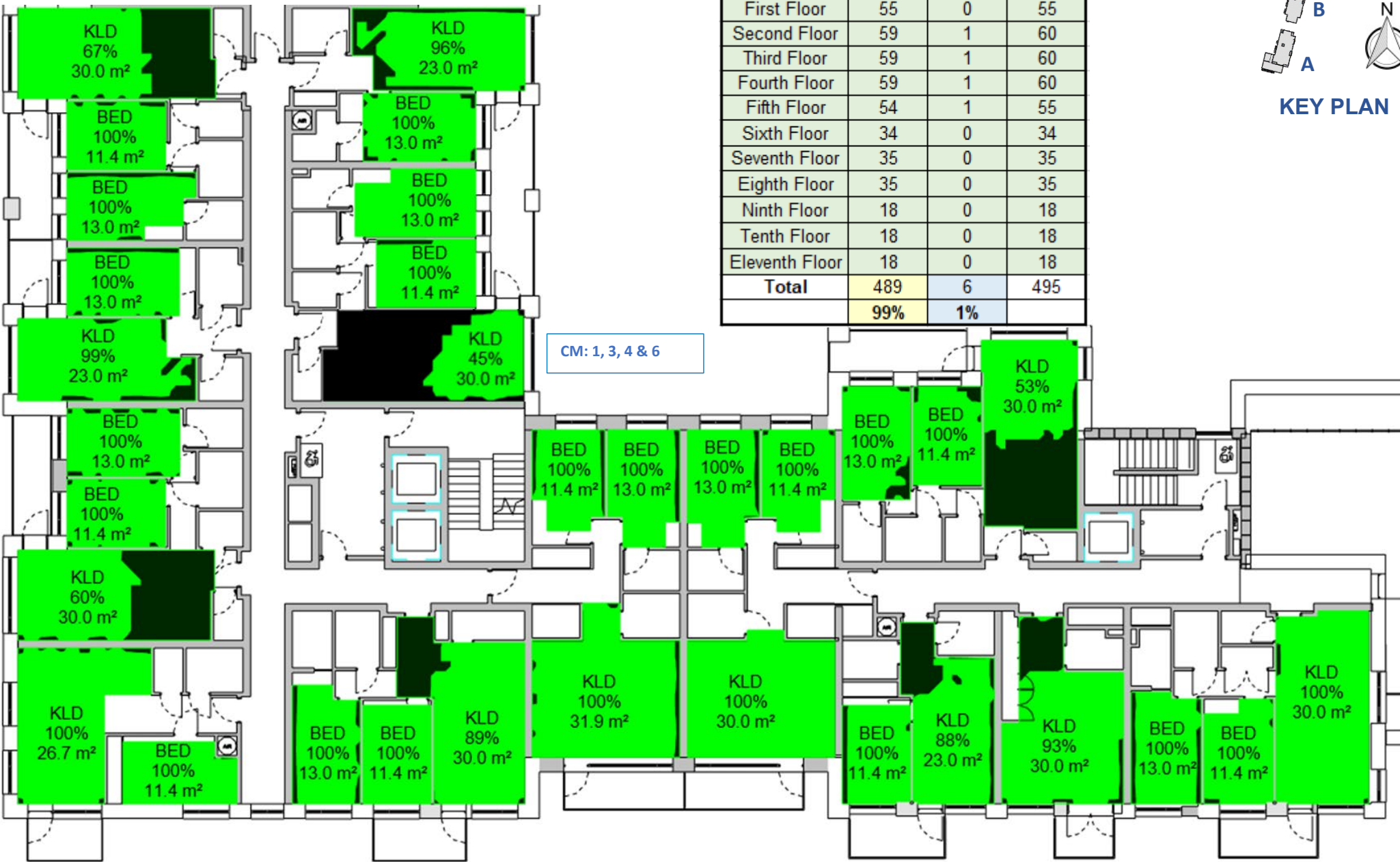
Compensatory Measures:

- 1. Daylight Adjacency
- 2. Sunlight
- 3. Dual Aspect
- 4. Aspect
- 5. Direct Access to Courtyard
- 6. Communal Open Space



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |

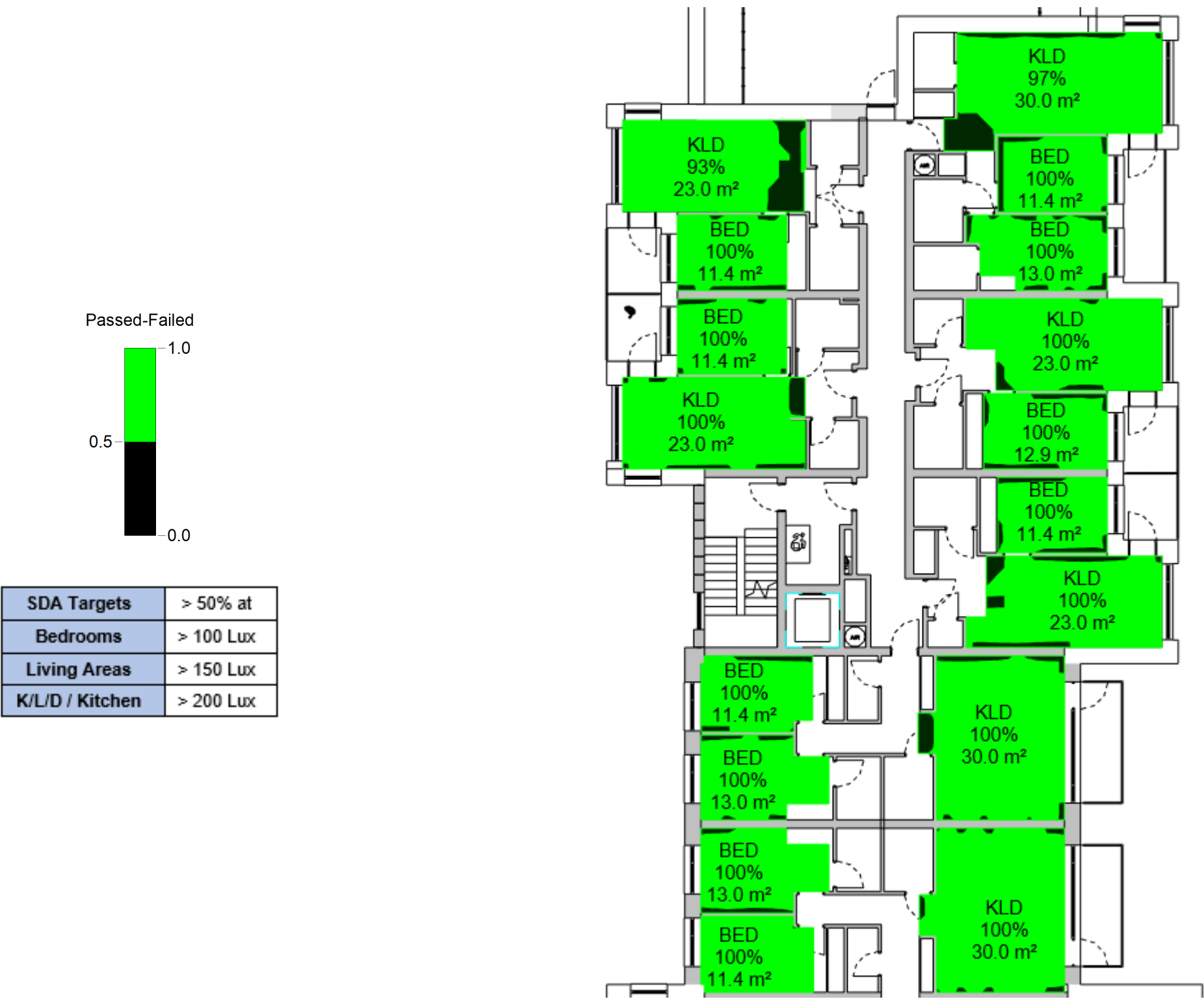
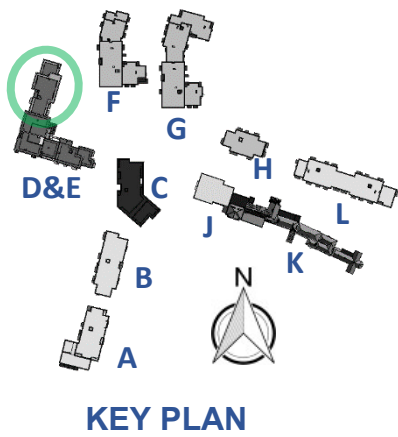
| Block D & E | Pass | Fail | Total |
|----------------|------|------|-------|
| Ground Floor | 45 | 2 | 47 |
| First Floor | 55 | 0 | 55 |
| Second Floor | 59 | 1 | 60 |
| Third Floor | 59 | 1 | 60 |
| Fourth Floor | 59 | 1 | 60 |
| Fifth Floor | 54 | 1 | 55 |
| Sixth Floor | 34 | 0 | 34 |
| Seventh Floor | 35 | 0 | 35 |
| Eighth Floor | 35 | 0 | 35 |
| Ninth Floor | 18 | 0 | 18 |
| Tenth Floor | 18 | 0 | 18 |
| Eleventh Floor | 18 | 0 | 18 |
| Total | 489 | 6 | 495 |
| | 99% | 1% | |



Block DE – Sixth Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it’s receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| | |
|-----------------|-----------|
| SDA Targets | > 50% at |
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |

| Block D & E | Pass | Fail | Total |
|----------------|------|------|-------|
| Ground Floor | 45 | 2 | 47 |
| First Floor | 55 | 0 | 55 |
| Second Floor | 59 | 1 | 60 |
| Third Floor | 59 | 1 | 60 |
| Fourth Floor | 59 | 1 | 60 |
| Fifth Floor | 54 | 1 | 55 |
| Sixth Floor | 34 | 0 | 34 |
| Seventh Floor | 35 | 0 | 35 |
| Eighth Floor | 35 | 0 | 35 |
| Ninth Floor | 18 | 0 | 18 |
| Tenth Floor | 18 | 0 | 18 |
| Eleventh Floor | 18 | 0 | 18 |
| Total | 489 | 6 | 495 |
| | 99% | 1% | |

Daylight and Sunlight Analysis

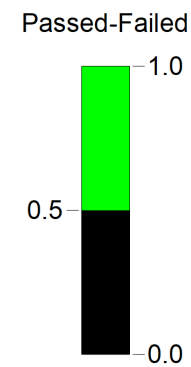
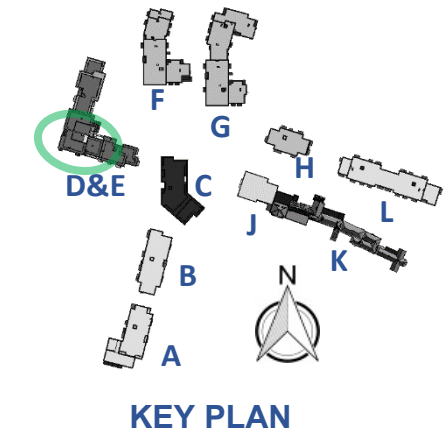
St Vincent's Hospital Fairview Redevelopment



Block DE - Sixth Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



| Block D & E | Pass | Fail | Total |
|----------------|------------|-----------|------------|
| Ground Floor | 45 | 2 | 47 |
| First Floor | 55 | 0 | 55 |
| Second Floor | 59 | 1 | 60 |
| Third Floor | 59 | 1 | 60 |
| Fourth Floor | 59 | 1 | 60 |
| Fifth Floor | 54 | 1 | 55 |
| Sixth Floor | 34 | 0 | 34 |
| Seventh Floor | 35 | 0 | 35 |
| Eighth Floor | 35 | 0 | 35 |
| Ninth Floor | 18 | 0 | 18 |
| Tenth Floor | 18 | 0 | 18 |
| Eleventh Floor | 18 | 0 | 18 |
| Total | 489 | 6 | 495 |
| | 99% | 1% | |

Daylight and Sunlight Analysis

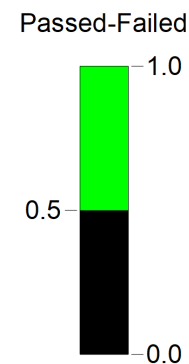
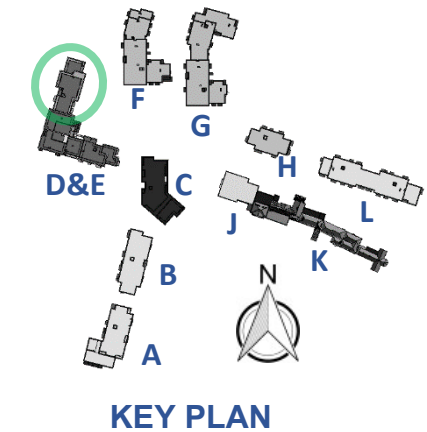
St Vincent's Hospital Fairview Redevelopment



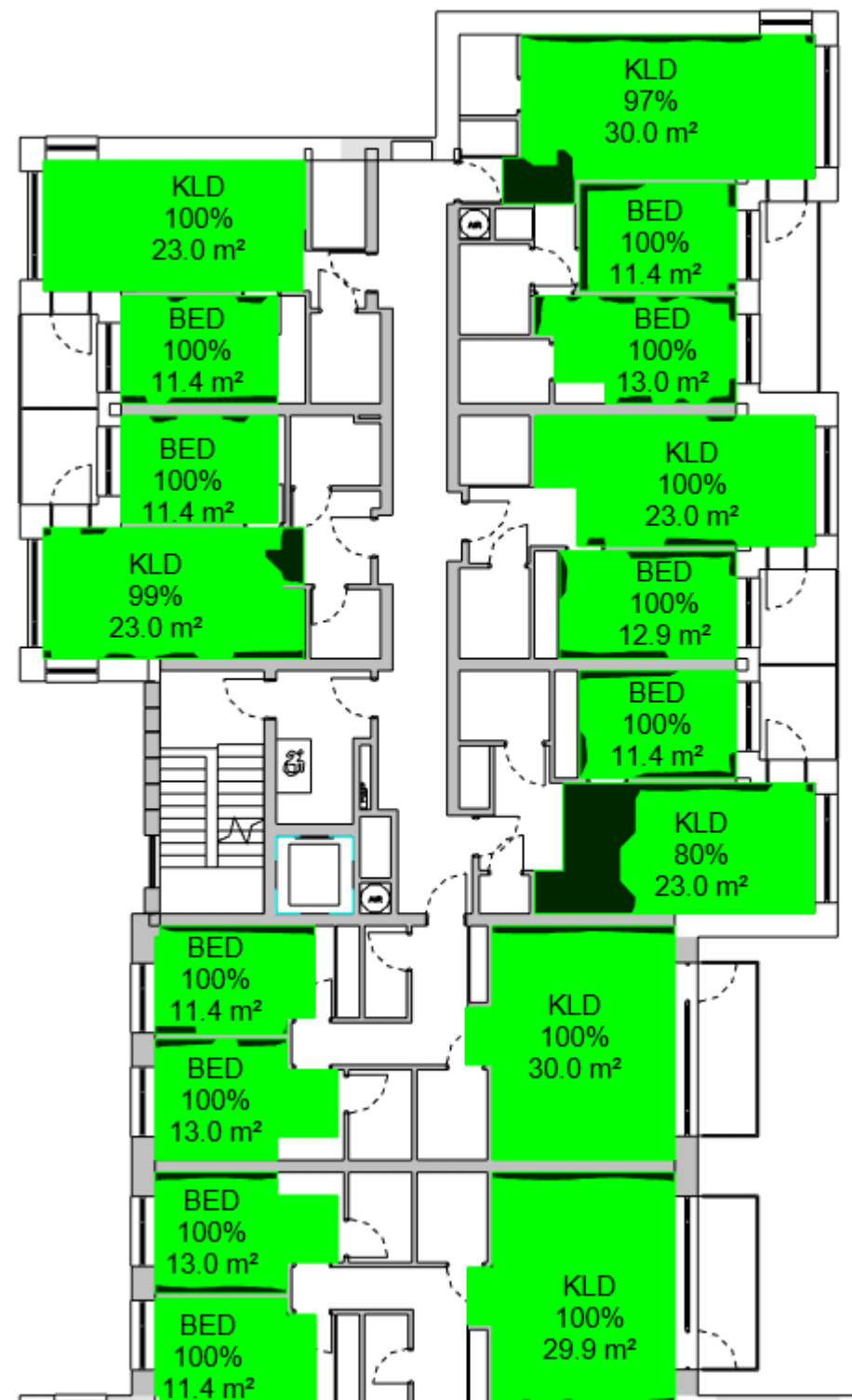
Block DE – Seventh Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |

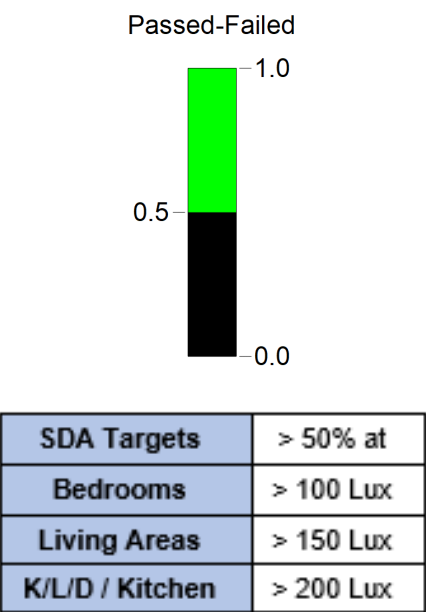
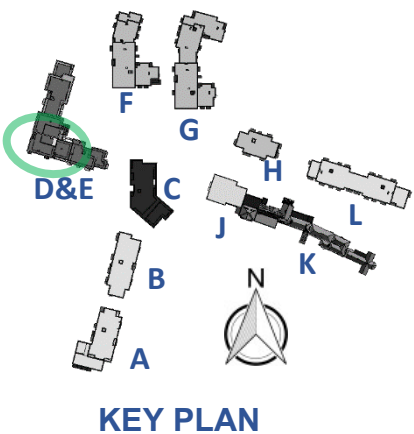


| Block D & E | Pass | Fail | Total |
|----------------|------------|-----------|------------|
| Ground Floor | 45 | 2 | 47 |
| First Floor | 55 | 0 | 55 |
| Second Floor | 59 | 1 | 60 |
| Third Floor | 59 | 1 | 60 |
| Fourth Floor | 59 | 1 | 60 |
| Fifth Floor | 54 | 1 | 55 |
| Sixth Floor | 34 | 0 | 34 |
| Seventh Floor | 35 | 0 | 35 |
| Eighth Floor | 35 | 0 | 35 |
| Ninth Floor | 18 | 0 | 18 |
| Tenth Floor | 18 | 0 | 18 |
| Eleventh Floor | 18 | 0 | 18 |
| Total | 489 | 6 | 495 |
| | 99% | 1% | |

Block DE – Seventh Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it’s receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.

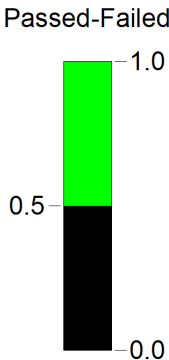
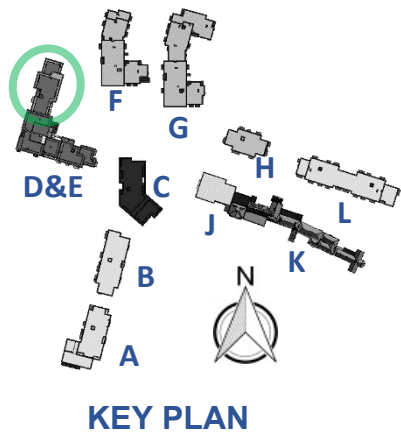


| Block D & E | Pass | Fail | Total |
|----------------|------|------|-------|
| Ground Floor | 45 | 2 | 47 |
| First Floor | 55 | 0 | 55 |
| Second Floor | 59 | 1 | 60 |
| Third Floor | 59 | 1 | 60 |
| Fourth Floor | 59 | 1 | 60 |
| Fifth Floor | 54 | 1 | 55 |
| Sixth Floor | 34 | 0 | 34 |
| Seventh Floor | 35 | 0 | 35 |
| Eighth Floor | 35 | 0 | 35 |
| Ninth Floor | 18 | 0 | 18 |
| Tenth Floor | 18 | 0 | 18 |
| Eleventh Floor | 18 | 0 | 18 |
| Total | 489 | 6 | 495 |
| | 99% | 1% | |

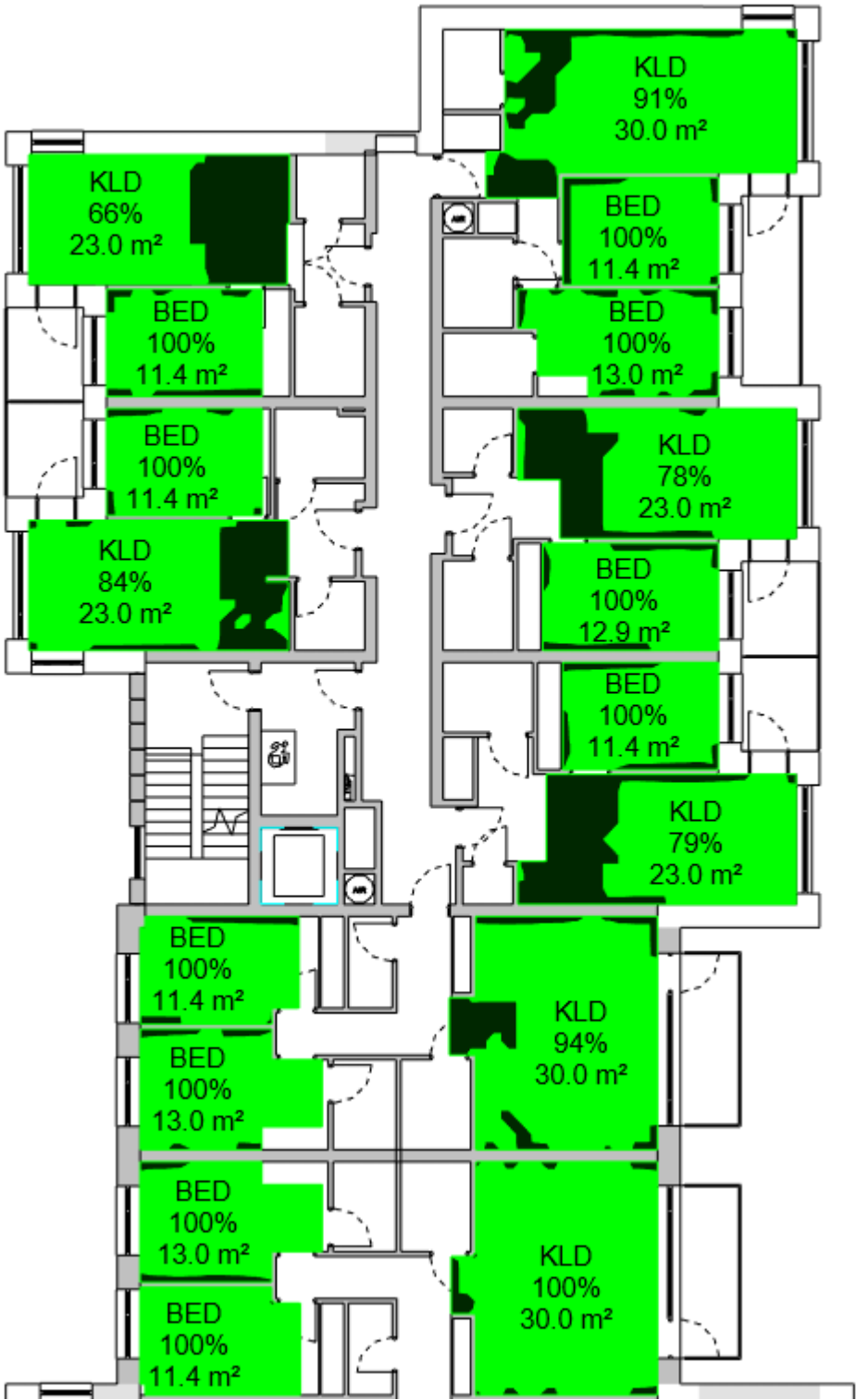
Block DE – Eighth Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it’s receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |

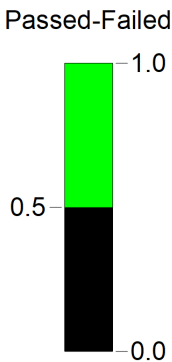
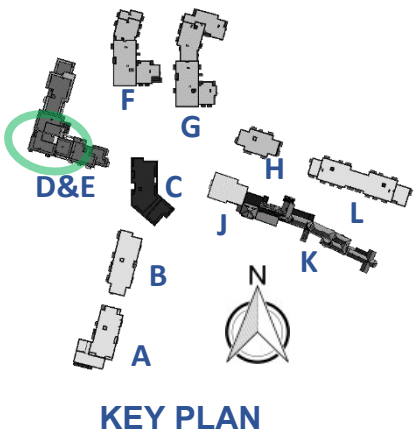


| Block D & E | Pass | Fail | Total |
|----------------|------|------|-------|
| Ground Floor | 45 | 2 | 47 |
| First Floor | 55 | 0 | 55 |
| Second Floor | 59 | 1 | 60 |
| Third Floor | 59 | 1 | 60 |
| Fourth Floor | 59 | 1 | 60 |
| Fifth Floor | 54 | 1 | 55 |
| Sixth Floor | 34 | 0 | 34 |
| Seventh Floor | 35 | 0 | 35 |
| Eighth Floor | 35 | 0 | 35 |
| Ninth Floor | 18 | 0 | 18 |
| Tenth Floor | 18 | 0 | 18 |
| Eleventh Floor | 18 | 0 | 18 |
| Total | 489 | 6 | 495 |
| | 99% | 1% | |

Block DE – Eighth Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it’s receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| | |
|-----------------|-----------|
| SDA Targets | > 50% at |
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



| Block D & E | Pass | Fail | Total |
|----------------|------|------|-------|
| Ground Floor | 45 | 2 | 47 |
| First Floor | 55 | 0 | 55 |
| Second Floor | 59 | 1 | 60 |
| Third Floor | 59 | 1 | 60 |
| Fourth Floor | 59 | 1 | 60 |
| Fifth Floor | 54 | 1 | 55 |
| Sixth Floor | 34 | 0 | 34 |
| Seventh Floor | 35 | 0 | 35 |
| Eighth Floor | 35 | 0 | 35 |
| Ninth Floor | 18 | 0 | 18 |
| Tenth Floor | 18 | 0 | 18 |
| Eleventh Floor | 18 | 0 | 18 |
| Total | 489 | 6 | 495 |
| | 99% | 1% | |

Daylight and Sunlight Analysis

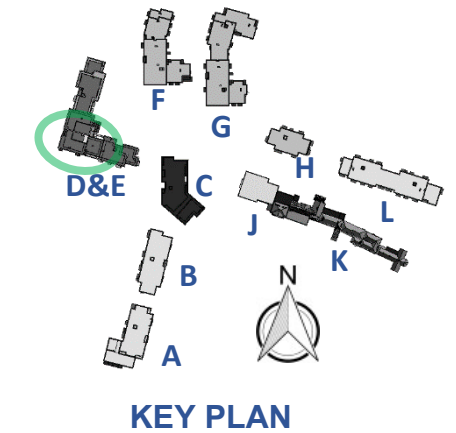
St Vincent's Hospital Fairview Redevelopment



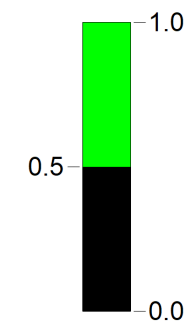
Block DE – Ninth Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



Passed-Failed



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



| Block D & E | Pass | Fail | Total |
|----------------|------------|-----------|------------|
| Ground Floor | 45 | 2 | 47 |
| First Floor | 55 | 0 | 55 |
| Second Floor | 59 | 1 | 60 |
| Third Floor | 59 | 1 | 60 |
| Fourth Floor | 59 | 1 | 60 |
| Fifth Floor | 54 | 1 | 55 |
| Sixth Floor | 34 | 0 | 34 |
| Seventh Floor | 35 | 0 | 35 |
| Eighth Floor | 35 | 0 | 35 |
| Ninth Floor | 18 | 0 | 18 |
| Tenth Floor | 18 | 0 | 18 |
| Eleventh Floor | 18 | 0 | 18 |
| Total | 489 | 6 | 495 |
| | 99% | 1% | |

Daylight and Sunlight Analysis

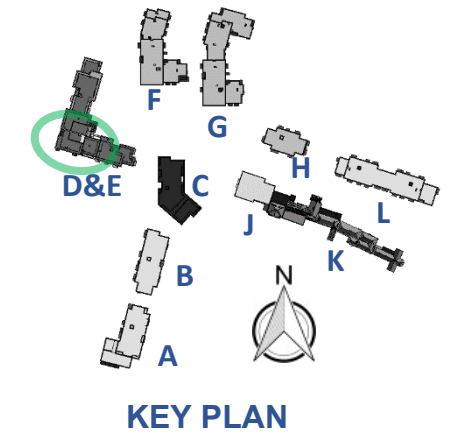
St Vincent's Hospital Fairview Redevelopment



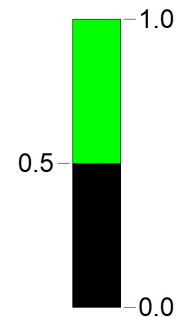
Block DE – Tenth Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



Passed-Failed



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |

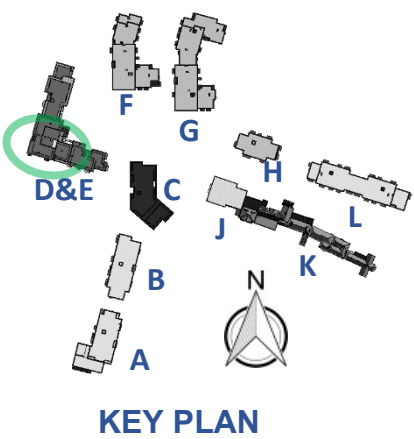
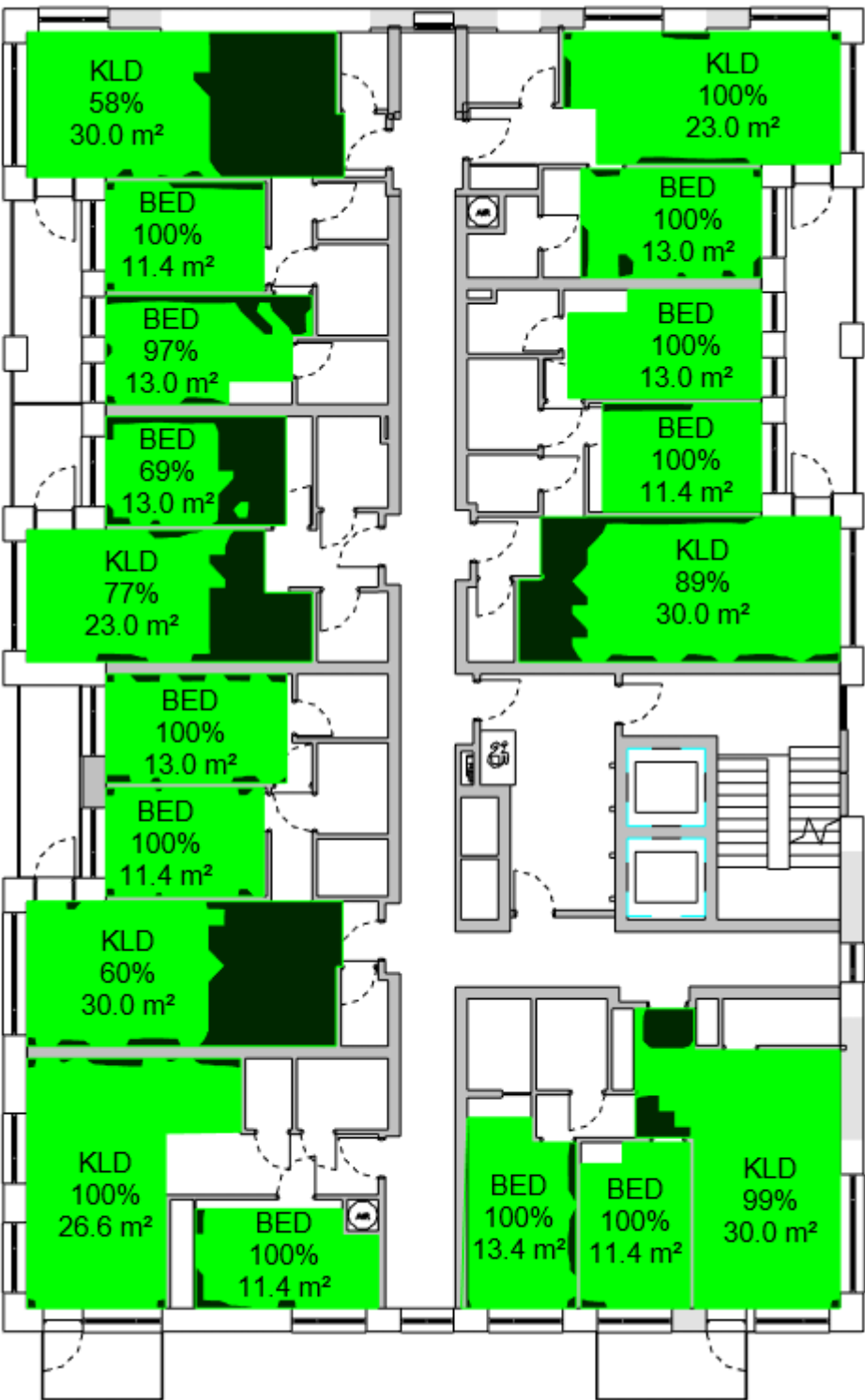
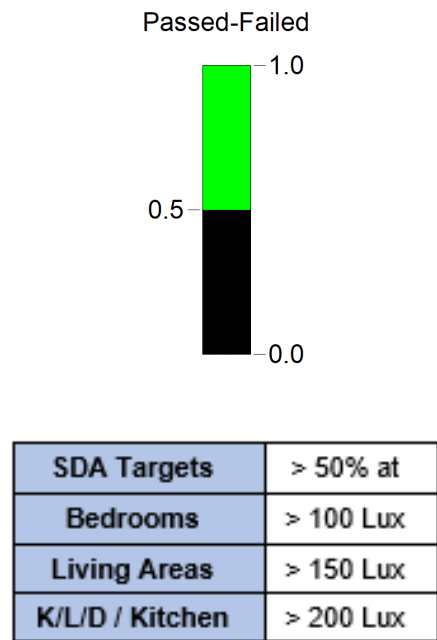


| Block D & E | Pass | Fail | Total |
|----------------|------------|-----------|------------|
| Ground Floor | 45 | 2 | 47 |
| First Floor | 55 | 0 | 55 |
| Second Floor | 59 | 1 | 60 |
| Third Floor | 59 | 1 | 60 |
| Fourth Floor | 59 | 1 | 60 |
| Fifth Floor | 54 | 1 | 55 |
| Sixth Floor | 34 | 0 | 34 |
| Seventh Floor | 35 | 0 | 35 |
| Eighth Floor | 35 | 0 | 35 |
| Ninth Floor | 18 | 0 | 18 |
| Tenth Floor | 18 | 0 | 18 |
| Eleventh Floor | 18 | 0 | 18 |
| Total | 489 | 6 | 495 |
| | 99% | 1% | |

Block DE – Eleventh Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it’s receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| Block D & E | Pass | Fail | Total |
|----------------|------|------|-------|
| Ground Floor | 45 | 2 | 47 |
| First Floor | 55 | 0 | 55 |
| Second Floor | 59 | 1 | 60 |
| Third Floor | 59 | 1 | 60 |
| Fourth Floor | 59 | 1 | 60 |
| Fifth Floor | 54 | 1 | 55 |
| Sixth Floor | 34 | 0 | 34 |
| Seventh Floor | 35 | 0 | 35 |
| Eighth Floor | 35 | 0 | 35 |
| Ninth Floor | 18 | 0 | 18 |
| Tenth Floor | 18 | 0 | 18 |
| Eleventh Floor | 18 | 0 | 18 |
| Total | 489 | 6 | 495 |
| | 99% | 1% | |

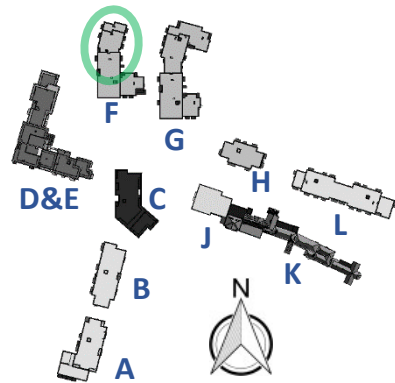
Results – Block F

Block F – Ground Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

2no. KLDs were found to be non-compliant in this area.

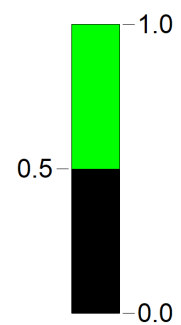
The rest of the rooms were determined to be compliant for SDA.



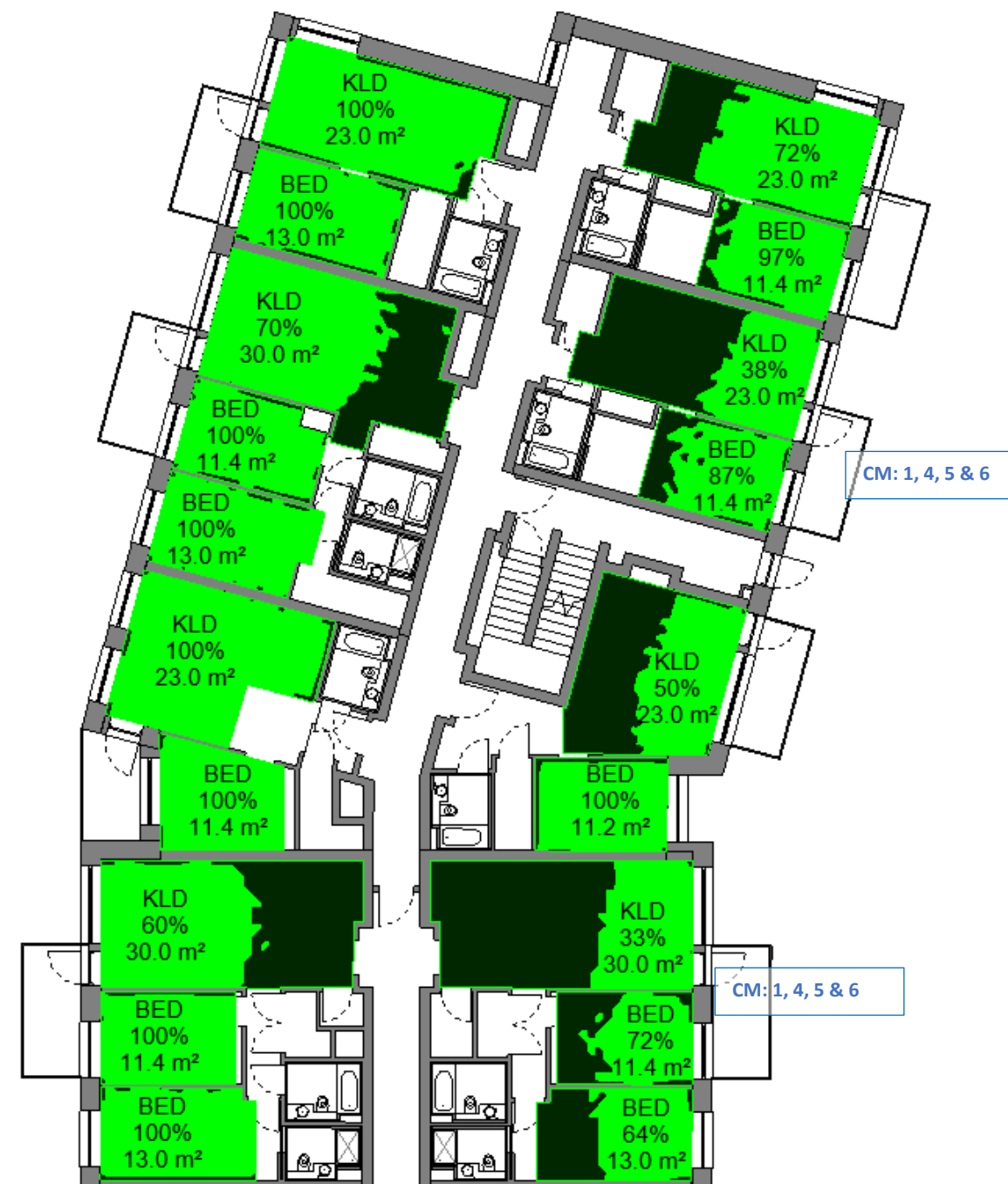
KEY PLAN

- Compensatory Measures:
1. Daylight Adjacency
 2. Sunlight
 3. Dual Aspect
 4. Aspect
 5. Direct Access to Courtyard
 6. Communal Open Space

Passed-Failed



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |

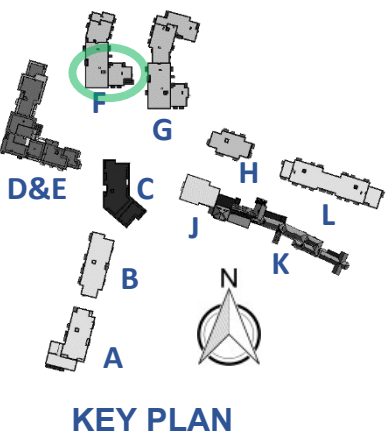


| Block F | Pass | Fail | Total |
|---------------|------------|-----------|------------|
| Ground Floor | 28 | 2 | 30 |
| First Floor | 39 | 3 | 42 |
| Second Floor | 40 | 2 | 42 |
| Third Floor | 40 | 2 | 42 |
| Fourth Floor | 38 | 0 | 38 |
| Fifth Floor | 36 | 0 | 36 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 19 | 0 | 19 |
| Eighth Floor | 19 | 0 | 19 |
| Total | 286 | 9 | 295 |
| | 97% | 3% | |

Block F – Ground Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it’s receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| Block F | Pass | Fail | Total |
|---------------|------|------|-------|
| Ground Floor | 28 | 2 | 30 |
| First Floor | 39 | 3 | 42 |
| Second Floor | 40 | 2 | 42 |
| Third Floor | 40 | 2 | 42 |
| Fourth Floor | 38 | 0 | 38 |
| Fifth Floor | 36 | 0 | 36 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 19 | 0 | 19 |
| Eighth Floor | 19 | 0 | 19 |
| Total | 286 | 9 | 295 |
| | 97% | 3% | |

Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment

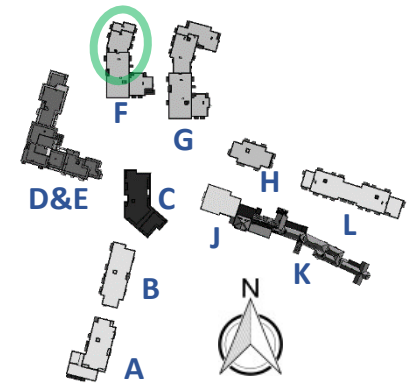


Block F – First Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

2no. KLDs were found to be non-compliant in this area.

The rest of the rooms were determined to be compliant for SDA.

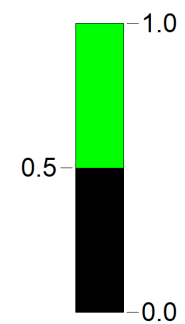


KEY PLAN

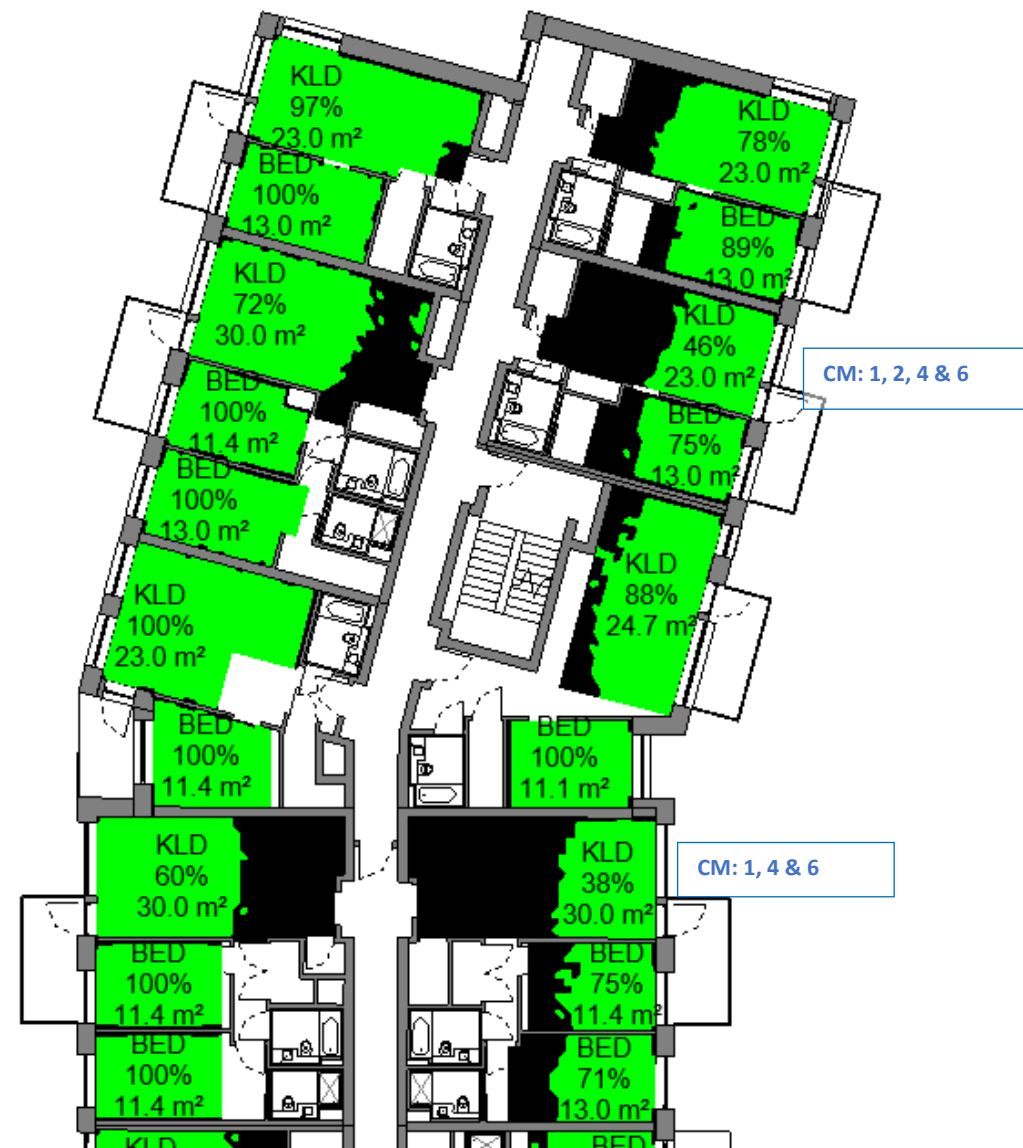
Compensatory Measures:

1. Daylight Adjacency
2. Sunlight
3. Dual Aspect
4. Aspect
5. Direct Access to Courtyard
6. Communal Open Space

Passed-Failed



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



| Block F | Pass | Fail | Total |
|---------------|------------|-----------|------------|
| Ground Floor | 28 | 2 | 30 |
| First Floor | 39 | 3 | 42 |
| Second Floor | 40 | 2 | 42 |
| Third Floor | 40 | 2 | 42 |
| Fourth Floor | 38 | 0 | 38 |
| Fifth Floor | 36 | 0 | 36 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 19 | 0 | 19 |
| Eighth Floor | 19 | 0 | 19 |
| Total | 286 | 9 | 295 |
| | 97% | 3% | |

Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment

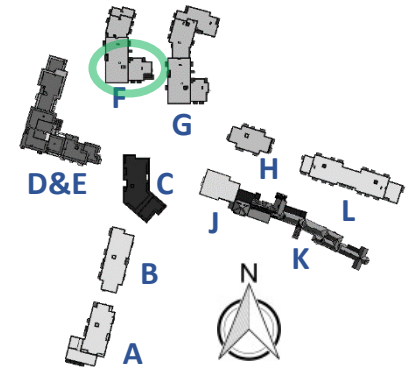


Block F – First Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

1 KLD was found to be non-compliant in this area.

The rest of the rooms were determined to be compliant for SDA.

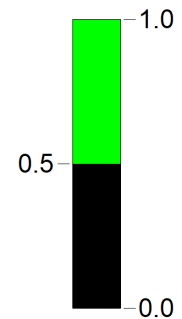


KEY PLAN

Compensatory Measures:

1. Daylight Adjacency
2. Sunlight
3. Dual Aspect
4. Aspect
5. Direct Access to Courtyard
6. Communal Open Space

Passed-Failed



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



| Block F | Pass | Fail | Total |
|---------------|------------|-----------|------------|
| Ground Floor | 28 | 2 | 30 |
| First Floor | 39 | 3 | 42 |
| Second Floor | 40 | 2 | 42 |
| Third Floor | 40 | 2 | 42 |
| Fourth Floor | 38 | 0 | 38 |
| Fifth Floor | 36 | 0 | 36 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 19 | 0 | 19 |
| Eighth Floor | 19 | 0 | 19 |
| Total | 286 | 9 | 295 |
| | 97% | 3% | |

Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment

Block F – Second Floor

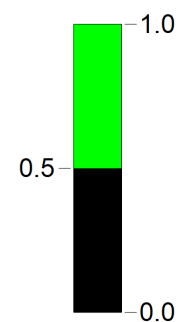
Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

1 KLD was found to be non-compliant in this area.

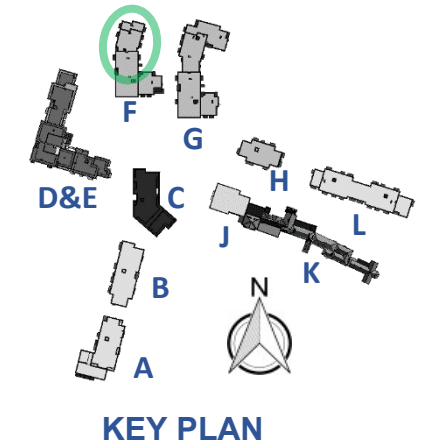
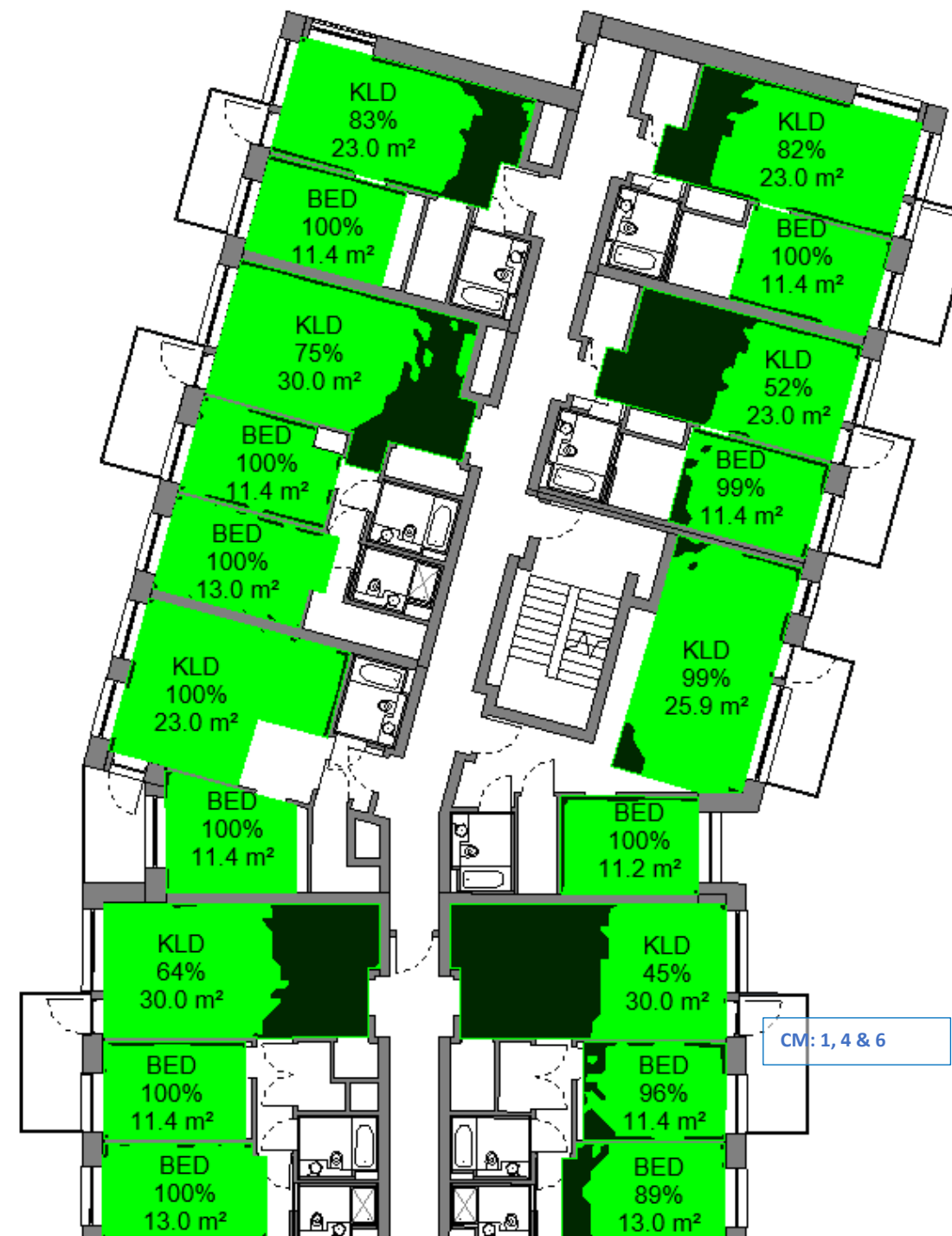
The rest of the rooms were determined to be compliant for SDA.

- Compensatory Measures:
1. Daylight Adjacency
 2. Sunlight
 3. Dual Aspect
 4. Aspect
 5. Direct Access to Courtyard
 6. Communal Open Space

Passed-Failed



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



| Block F | Pass | Fail | Total |
|---------------|------------|-----------|------------|
| Ground Floor | 28 | 2 | 30 |
| First Floor | 39 | 3 | 42 |
| Second Floor | 40 | 2 | 42 |
| Third Floor | 40 | 2 | 42 |
| Fourth Floor | 38 | 0 | 38 |
| Fifth Floor | 36 | 0 | 36 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 19 | 0 | 19 |
| Eighth Floor | 19 | 0 | 19 |
| Total | 286 | 9 | 295 |
| | 97% | 3% | |

Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment



Block F – Second Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

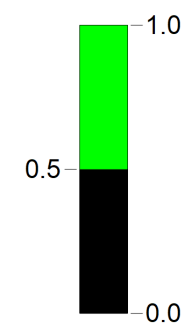
1 KLD was found to be non-compliant in this area.

The rest of the rooms were determined to be compliant for SDA.

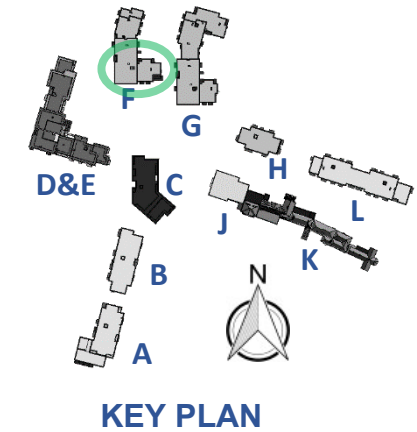
Compensatory Measures:

1. Daylight Adjacency
2. Sunlight
3. Dual Aspect
4. Aspect
5. Direct Access to Courtyard
6. Communal Open Space

Passed-Failed



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



| Block F | Pass | Fail | Total |
|---------------|------------|-----------|------------|
| Ground Floor | 28 | 2 | 30 |
| First Floor | 39 | 3 | 42 |
| Second Floor | 40 | 2 | 42 |
| Third Floor | 40 | 2 | 42 |
| Fourth Floor | 38 | 0 | 38 |
| Fifth Floor | 36 | 0 | 36 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 19 | 0 | 19 |
| Eighth Floor | 19 | 0 | 19 |
| Total | 286 | 9 | 295 |
| | 97% | 3% | |

Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment

Block F – Third Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

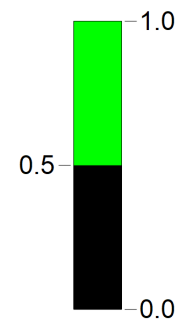
1 KLD was found to be non-compliant in this area.

The rest of the rooms were determined to be compliant for SDA.

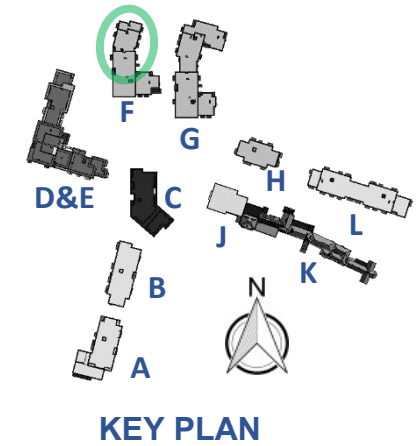
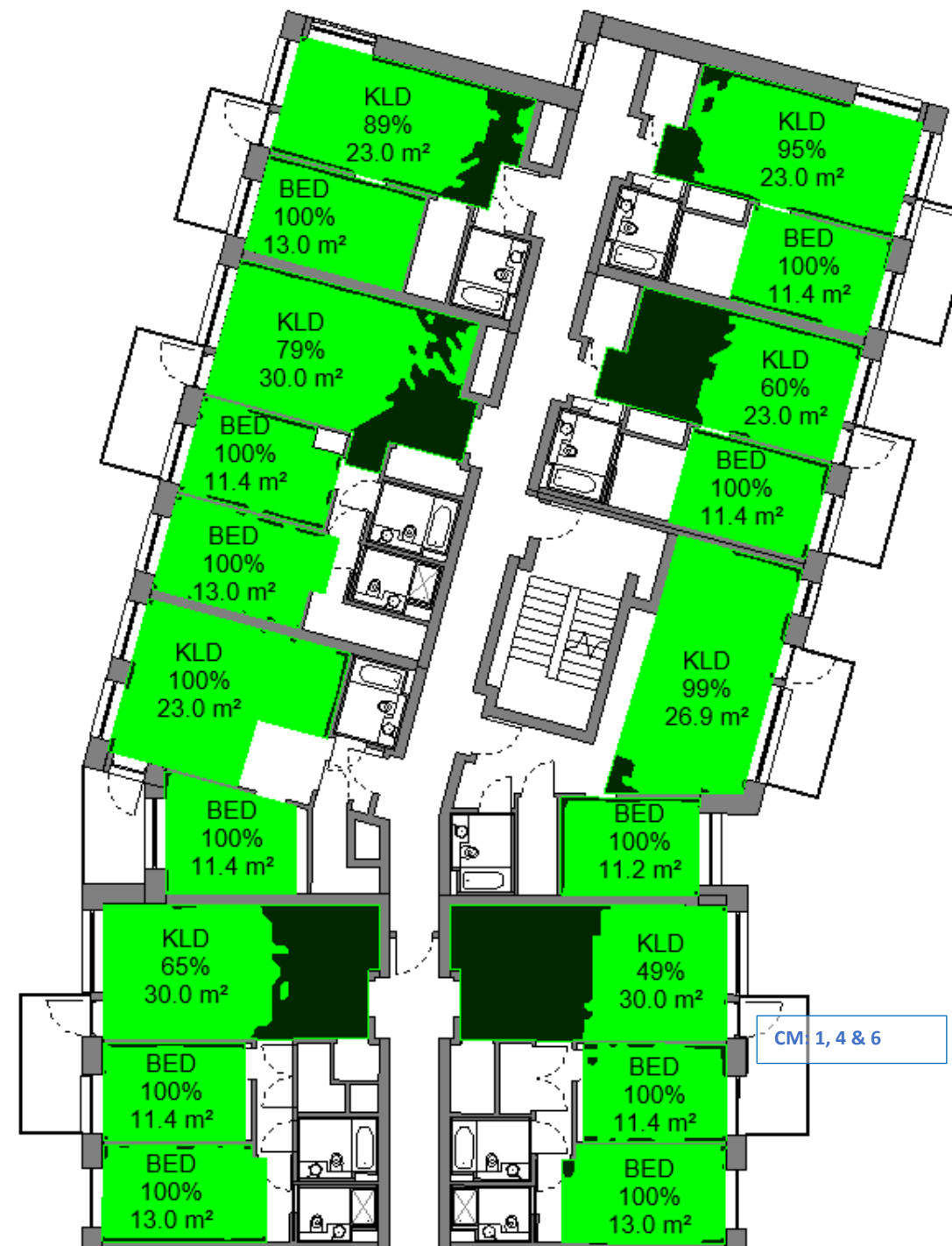
Compensatory Measures:

1. Daylight Adjacency
2. Sunlight
3. Dual Aspect
4. Aspect
5. Direct Access to Courtyard
6. Communal Open Space

Passed-Failed



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



| Block F | Pass | Fail | Total |
|---------------|------------|-----------|------------|
| Ground Floor | 28 | 2 | 30 |
| First Floor | 39 | 3 | 42 |
| Second Floor | 40 | 2 | 42 |
| Third Floor | 40 | 2 | 42 |
| Fourth Floor | 38 | 0 | 38 |
| Fifth Floor | 36 | 0 | 36 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 19 | 0 | 19 |
| Eighth Floor | 19 | 0 | 19 |
| Total | 286 | 9 | 295 |
| | 97% | 3% | |

Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment

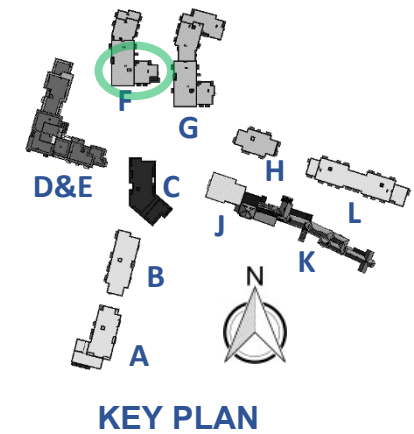


Block F – Third Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

1 KLD was found to be non-compliant in this area.

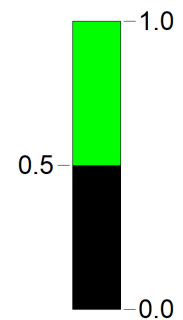
The rest of the rooms were determined to be compliant for SDA.



Compensatory Measures:

1. Daylight Adjacency
2. Sunlight
3. Dual Aspect
4. Aspect
5. Direct Access to Courtyard
6. Communal Open Space

Passed-Failed



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



| Block F | Pass | Fail | Total |
|---------------|------------|-----------|------------|
| Ground Floor | 28 | 2 | 30 |
| First Floor | 39 | 3 | 42 |
| Second Floor | 40 | 2 | 42 |
| Third Floor | 40 | 2 | 42 |
| Fourth Floor | 38 | 0 | 38 |
| Fifth Floor | 36 | 0 | 36 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 19 | 0 | 19 |
| Eighth Floor | 19 | 0 | 19 |
| Total | 286 | 9 | 295 |
| | 97% | 3% | |

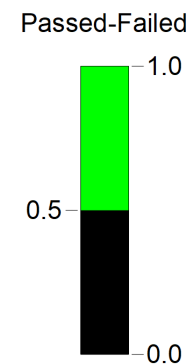
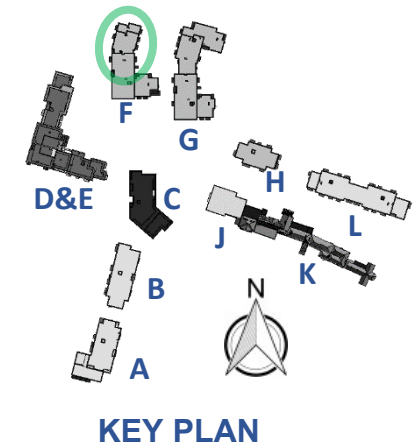
Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment

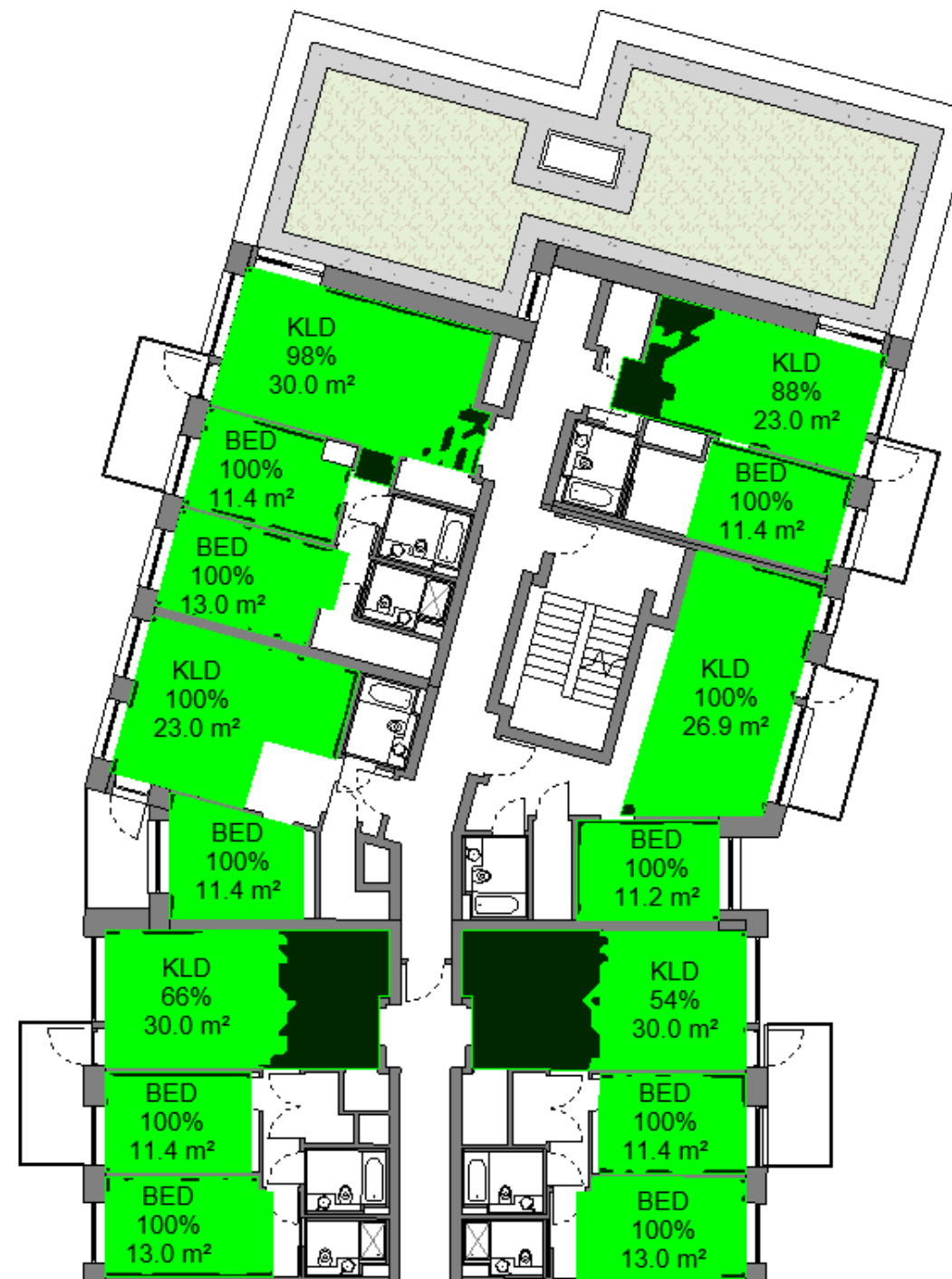
Block F – Fourth Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |

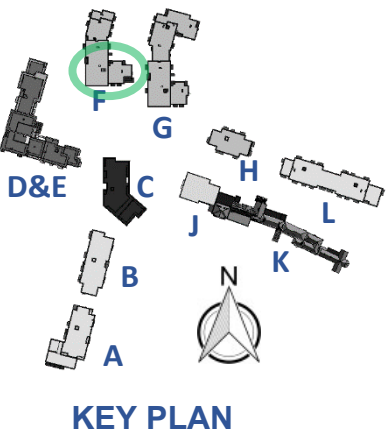


| Block F | Pass | Fail | Total |
|---------------|------------|-----------|------------|
| Ground Floor | 28 | 2 | 30 |
| First Floor | 39 | 3 | 42 |
| Second Floor | 40 | 2 | 42 |
| Third Floor | 40 | 2 | 42 |
| Fourth Floor | 38 | 0 | 38 |
| Fifth Floor | 36 | 0 | 36 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 19 | 0 | 19 |
| Eighth Floor | 19 | 0 | 19 |
| Total | 286 | 9 | 295 |
| | 97% | 3% | |

Block F – Fourth Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it’s receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| Block F | Pass | Fail | Total |
|---------------|------|------|-------|
| Ground Floor | 28 | 2 | 30 |
| First Floor | 39 | 3 | 42 |
| Second Floor | 40 | 2 | 42 |
| Third Floor | 40 | 2 | 42 |
| Fourth Floor | 38 | 0 | 38 |
| Fifth Floor | 36 | 0 | 36 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 19 | 0 | 19 |
| Eighth Floor | 19 | 0 | 19 |
| Total | 286 | 9 | 295 |
| | 97% | 3% | |

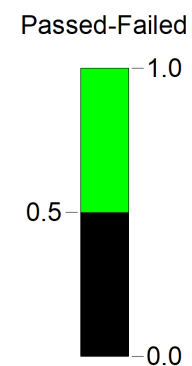
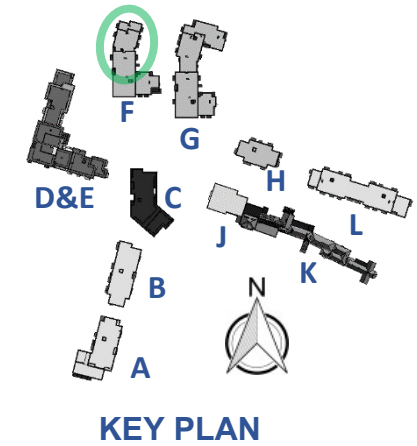
Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment

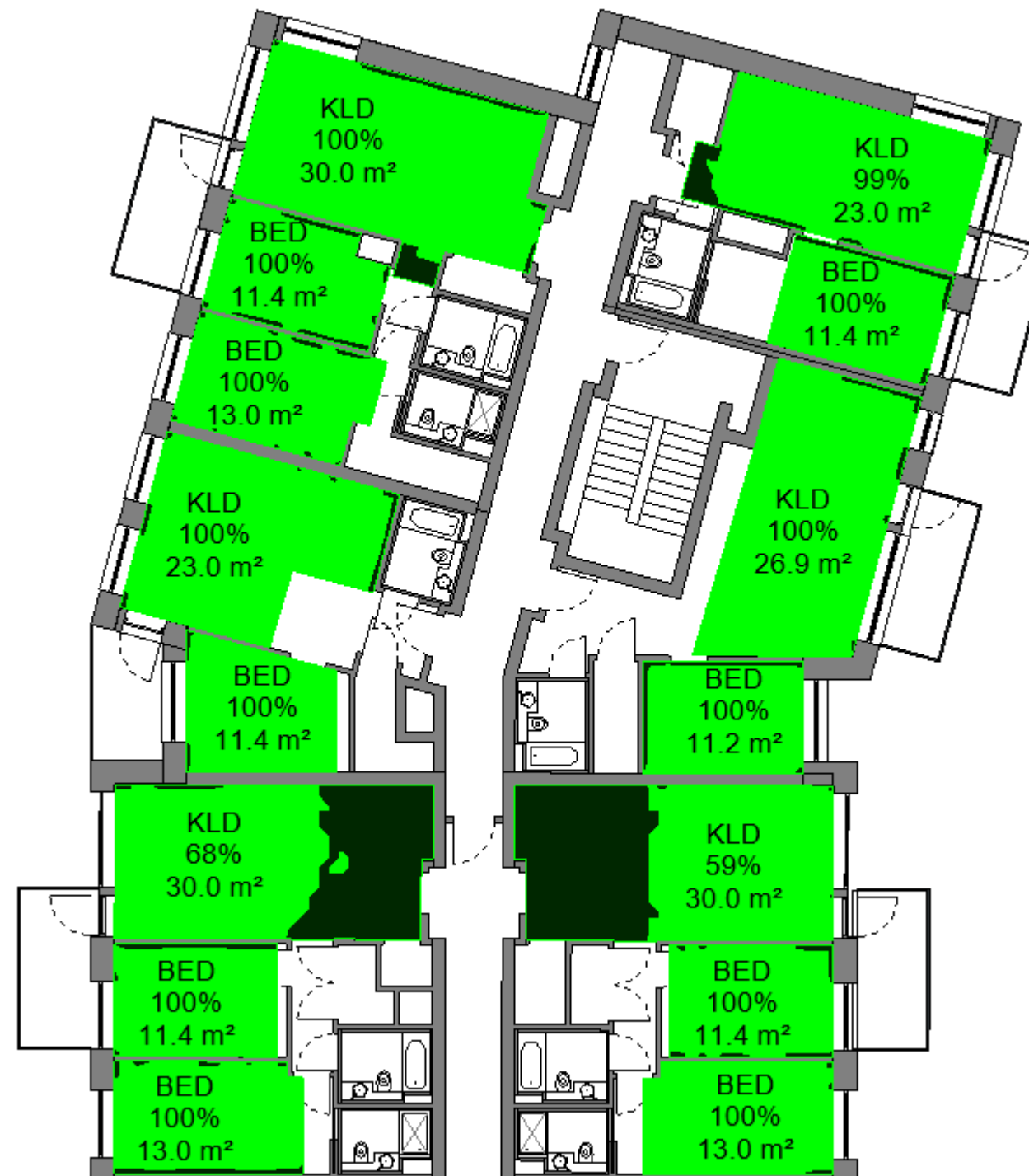
Block F – Fifth Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |

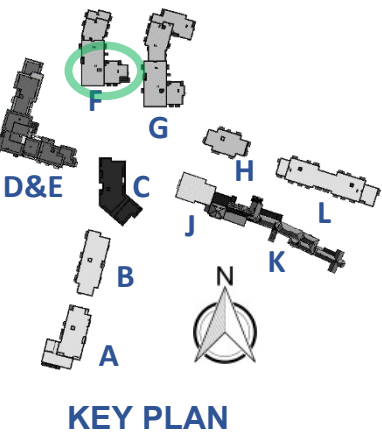


| Block F | Pass | Fail | Total |
|---------------|------------|-----------|------------|
| Ground Floor | 28 | 2 | 30 |
| First Floor | 39 | 3 | 42 |
| Second Floor | 40 | 2 | 42 |
| Third Floor | 40 | 2 | 42 |
| Fourth Floor | 38 | 0 | 38 |
| Fifth Floor | 36 | 0 | 36 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 19 | 0 | 19 |
| Eighth Floor | 19 | 0 | 19 |
| Total | 286 | 9 | 295 |
| | 97% | 3% | |

Block F – Fifth Floor

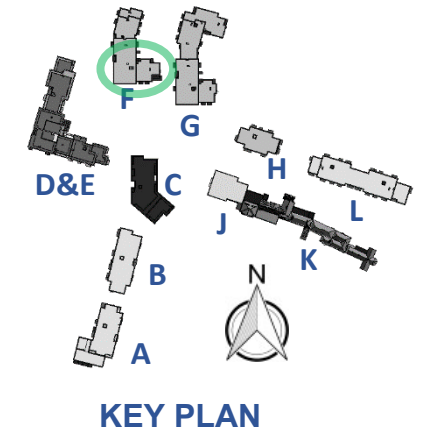
Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it’s receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| Block F | Pass | Fail | Total |
|---------------|------|------|-------|
| Ground Floor | 28 | 2 | 30 |
| First Floor | 39 | 3 | 42 |
| Second Floor | 40 | 2 | 42 |
| Third Floor | 40 | 2 | 42 |
| Fourth Floor | 38 | 0 | 38 |
| Fifth Floor | 36 | 0 | 36 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 19 | 0 | 19 |
| Eighth Floor | 19 | 0 | 19 |
| Total | 286 | 9 | 295 |
| | 97% | 3% | |

Every room was determined to be compliant for SDA in this area.



| Block F | Pass | Fail | Total |
|---------------|------------|-----------|-------|
| Ground Floor | 28 | 2 | 30 |
| First Floor | 39 | 3 | 42 |
| Second Floor | 40 | 2 | 42 |
| Third Floor | 40 | 2 | 42 |
| Fourth Floor | 38 | 0 | 38 |
| Fifth Floor | 36 | 0 | 36 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 19 | 0 | 19 |
| Eighth Floor | 19 | 0 | 19 |
| Total | 286 | 9 | 295 |
| | 97% | 3% | |

Daylight and Sunlight Analysis

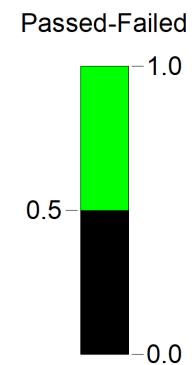
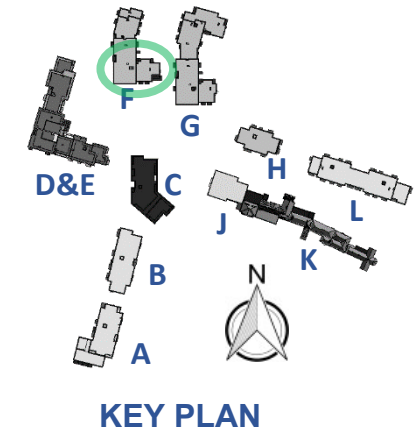
St Vincent's Hospital Fairview Redevelopment



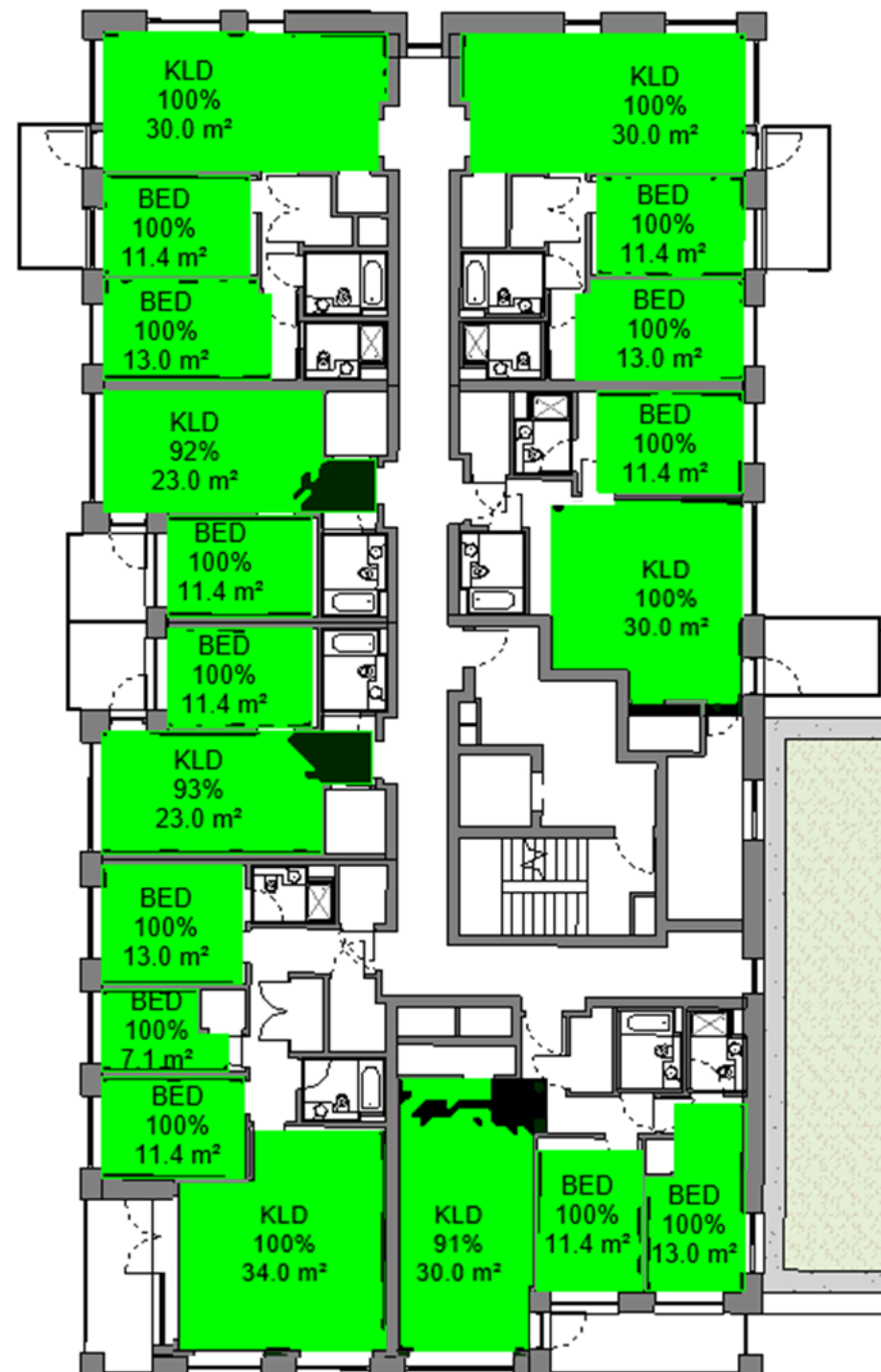
Block F – Seventh Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



| Block F | Pass | Fail | Total |
|---------------|------------|-----------|------------|
| Ground Floor | 28 | 2 | 30 |
| First Floor | 39 | 3 | 42 |
| Second Floor | 40 | 2 | 42 |
| Third Floor | 40 | 2 | 42 |
| Fourth Floor | 38 | 0 | 38 |
| Fifth Floor | 36 | 0 | 36 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 19 | 0 | 19 |
| Eighth Floor | 19 | 0 | 19 |
| Total | 286 | 9 | 295 |
| | 97% | 3% | |

Daylight and Sunlight Analysis

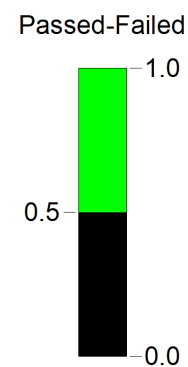
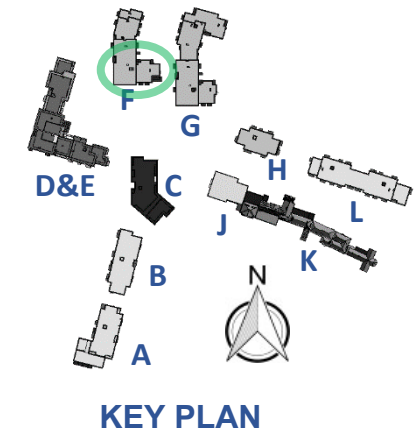
St Vincent's Hospital Fairview Redevelopment



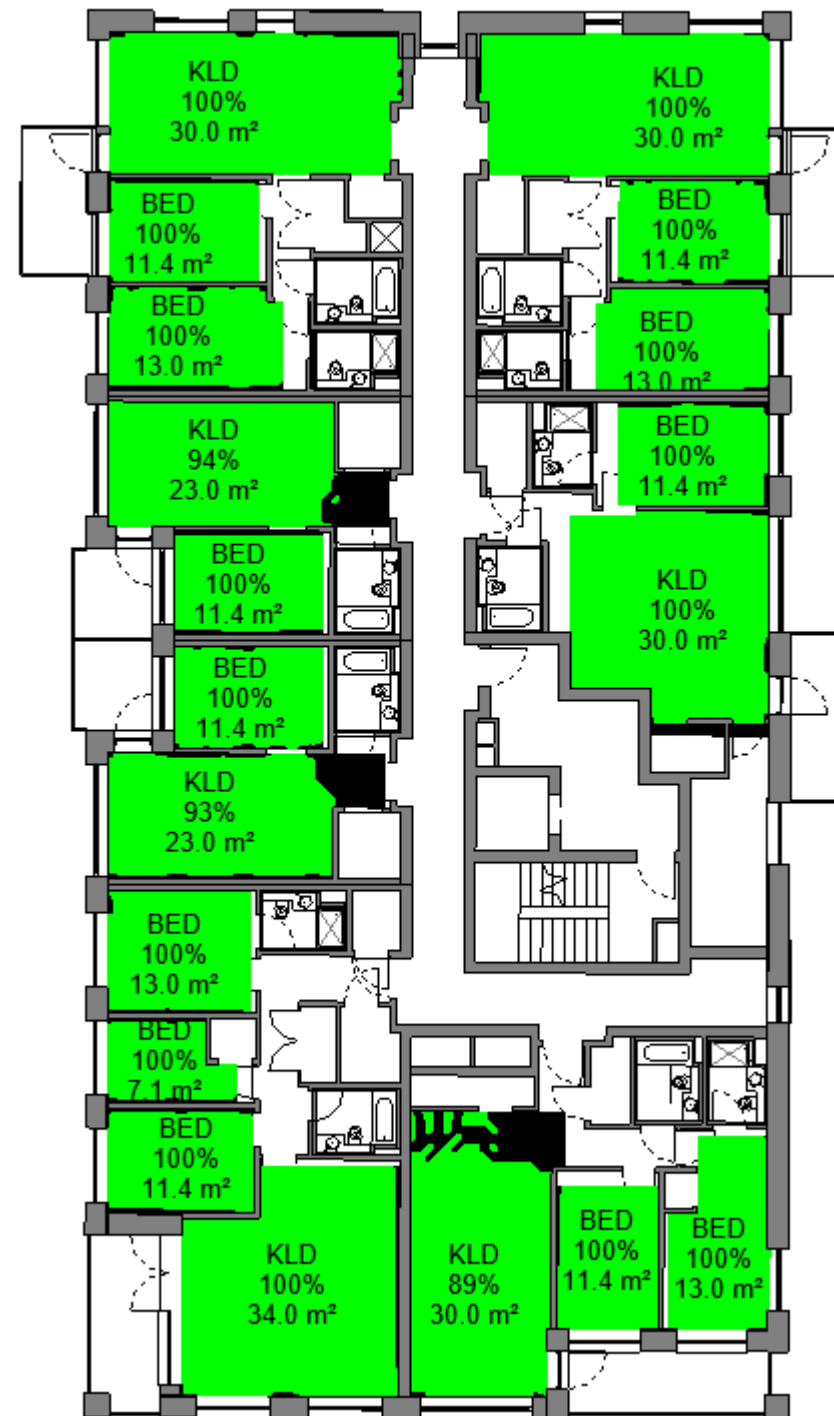
Block F – Eighth Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



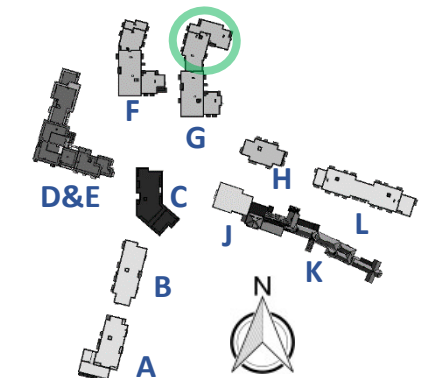
| Block F | Pass | Fail | Total |
|---------------|------------|-----------|------------|
| Ground Floor | 28 | 2 | 30 |
| First Floor | 39 | 3 | 42 |
| Second Floor | 40 | 2 | 42 |
| Third Floor | 40 | 2 | 42 |
| Fourth Floor | 38 | 0 | 38 |
| Fifth Floor | 36 | 0 | 36 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 19 | 0 | 19 |
| Eighth Floor | 19 | 0 | 19 |
| Total | 286 | 9 | 295 |
| | 97% | 3% | |

Results – Block G

Block G – Ground Floor

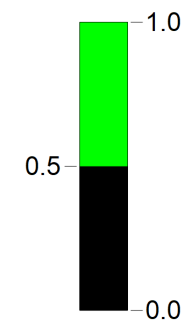
Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



KEY PLAN

Passed-Failed



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |

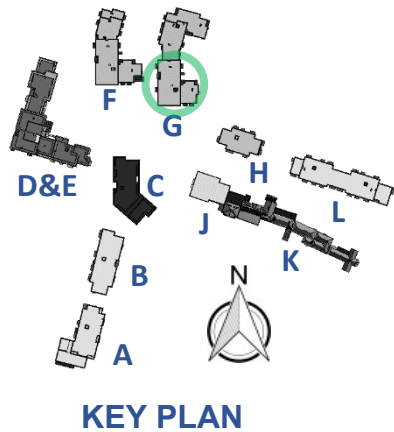
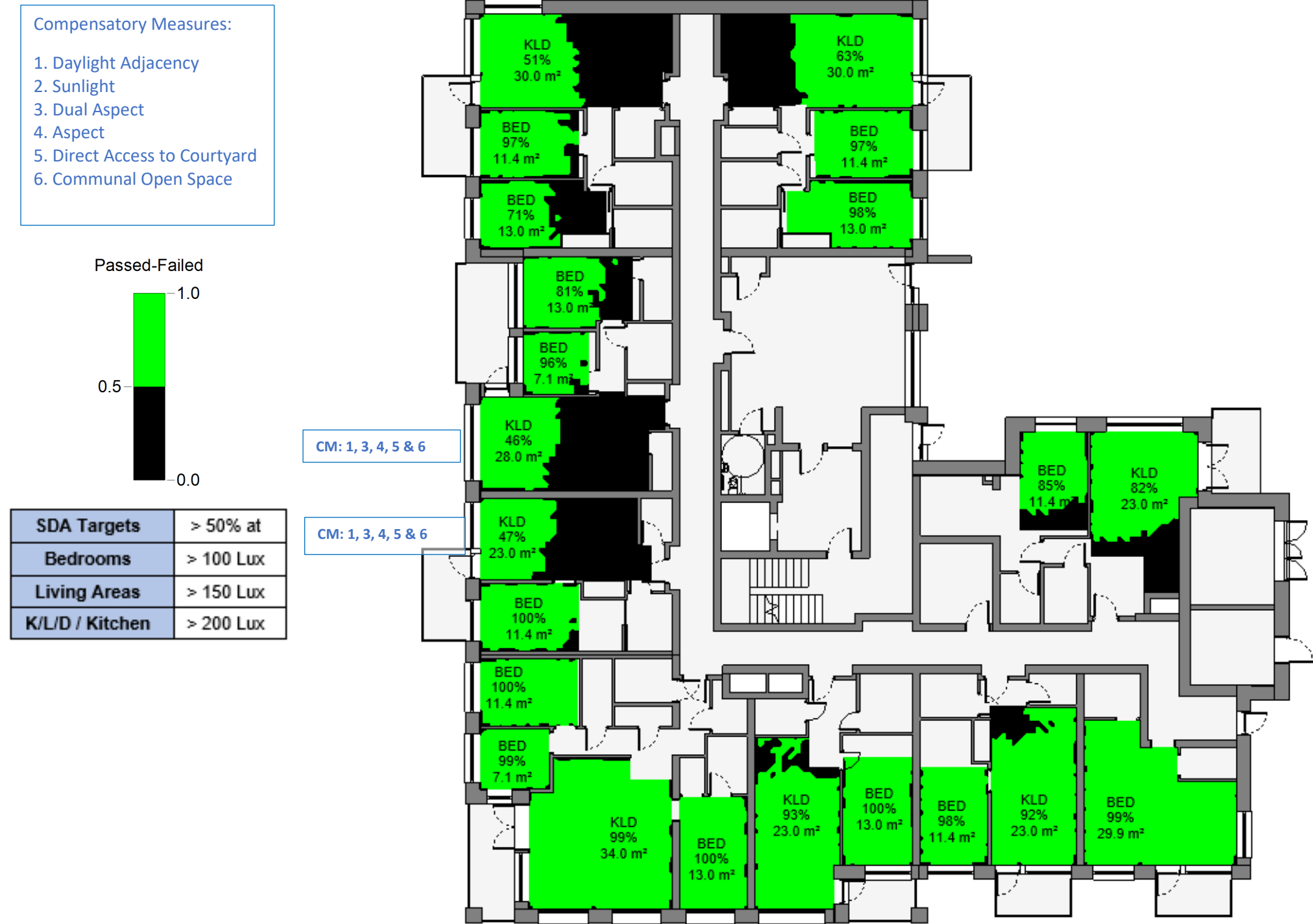


| Block G | Pass | Fail | Total |
|---------------|------------|-----------|------------|
| Ground Floor | 39 | 2 | 41 |
| First Floor | 49 | 2 | 51 |
| Second Floor | 56 | 0 | 56 |
| Third Floor | 56 | 0 | 56 |
| Fourth Floor | 43 | 0 | 43 |
| Fifth Floor | 43 | 0 | 43 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 20 | 0 | 20 |
| Eighth Floor | 20 | 0 | 20 |
| Total | 353 | 4 | 357 |
| | 99% | 1% | |

Block G – Ground Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it’s receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

2no. KLDs were found to be non-compliant in this area.
The rest of the rooms were determined to be compliant for SDA.



| Block G | Pass | Fail | Total |
|---------------|------|------|-------|
| Ground Floor | 39 | 2 | 41 |
| First Floor | 49 | 2 | 51 |
| Second Floor | 56 | 0 | 56 |
| Third Floor | 56 | 0 | 56 |
| Fourth Floor | 43 | 0 | 43 |
| Fifth Floor | 43 | 0 | 43 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 20 | 0 | 20 |
| Eighth Floor | 20 | 0 | 20 |
| Total | 353 | 4 | 357 |
| | 99% | 1% | |

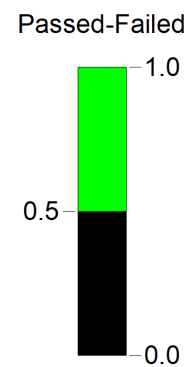
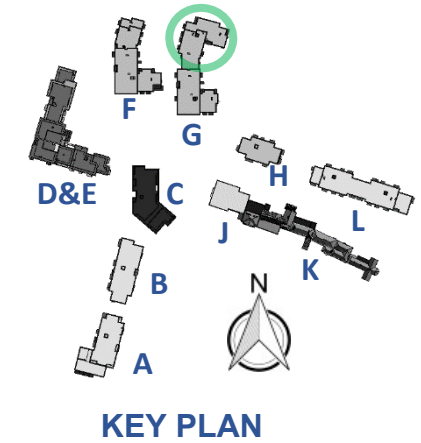
Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment

Block G – First Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



| Block G | Pass | Fail | Total |
|---------------|------------|-----------|------------|
| Ground Floor | 39 | 2 | 41 |
| First Floor | 49 | 2 | 51 |
| Second Floor | 56 | 0 | 56 |
| Third Floor | 56 | 0 | 56 |
| Fourth Floor | 43 | 0 | 43 |
| Fifth Floor | 43 | 0 | 43 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 20 | 0 | 20 |
| Eighth Floor | 20 | 0 | 20 |
| Total | 353 | 4 | 357 |
| | 99% | 1% | |

Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment

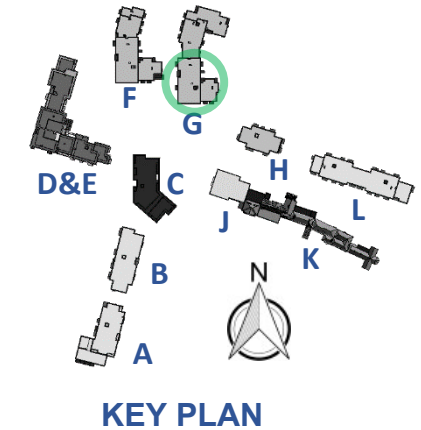


Block G – First Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

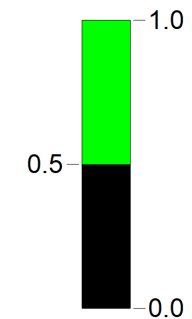
2no. KLDs were found to be non-compliant in this area.

The rest of the rooms were determined to be compliant for SDA.

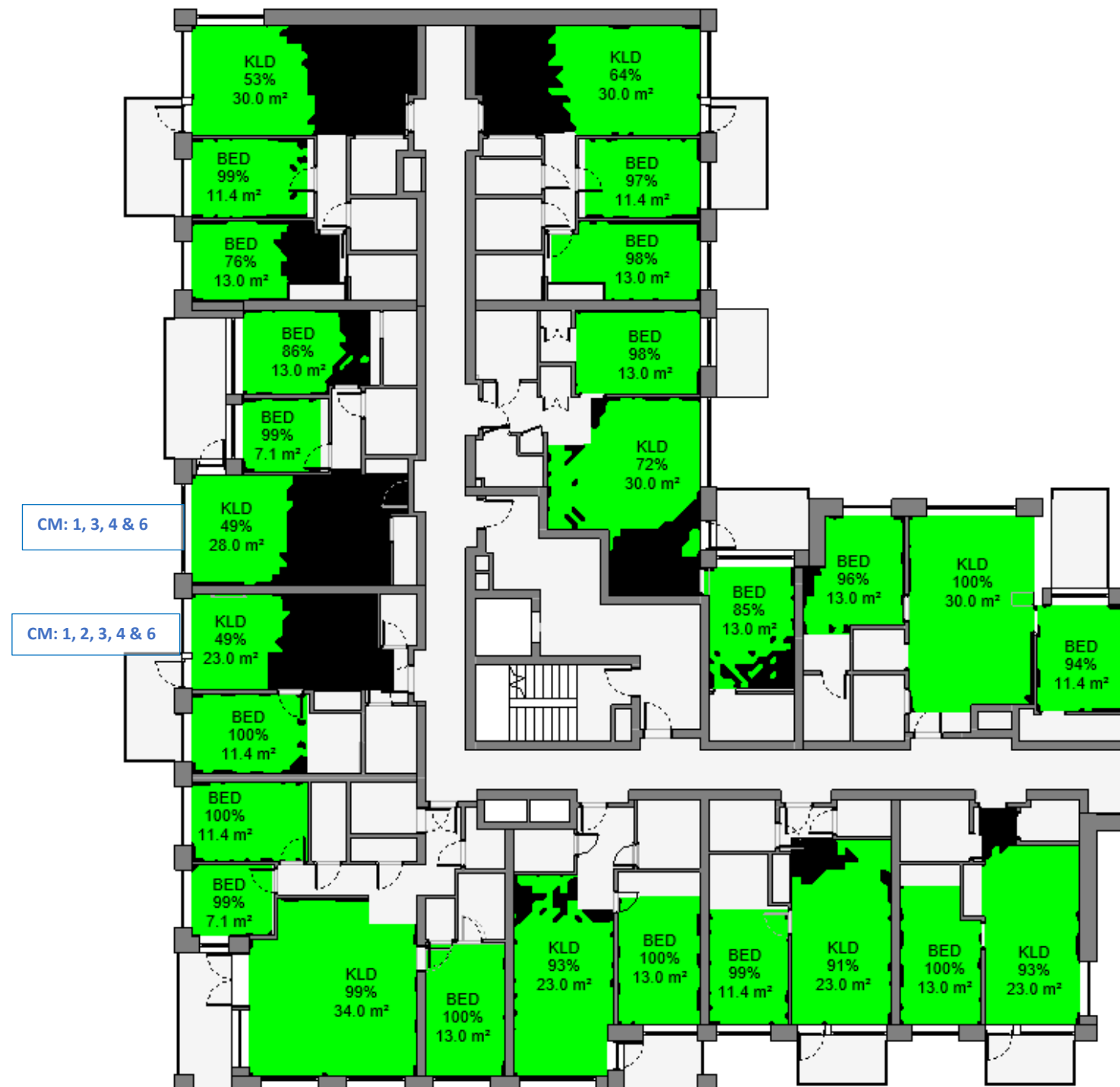


- Compensatory Measures:
1. Daylight Adjacency
 2. Sunlight
 3. Dual Aspect
 4. Aspect
 5. Direct Access to Courtyard
 6. Communal Open Space

Passed-Failed



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



| Block G | Pass | Fail | Total |
|---------------|------------|-----------|------------|
| Ground Floor | 39 | 2 | 41 |
| First Floor | 49 | 2 | 51 |
| Second Floor | 56 | 0 | 56 |
| Third Floor | 56 | 0 | 56 |
| Fourth Floor | 43 | 0 | 43 |
| Fifth Floor | 43 | 0 | 43 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 20 | 0 | 20 |
| Eighth Floor | 20 | 0 | 20 |
| Total | 353 | 4 | 357 |
| | 99% | 1% | |

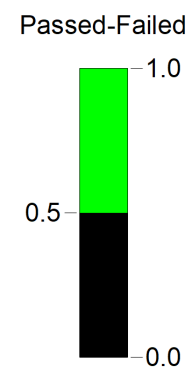
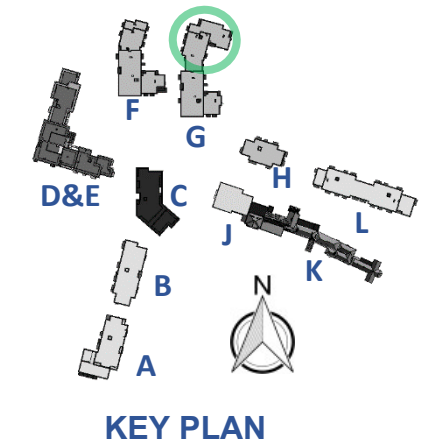
Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment

Block G – Second Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



| Block G | Pass | Fail | Total |
|---------------|------------|-----------|------------|
| Ground Floor | 39 | 2 | 41 |
| First Floor | 49 | 2 | 51 |
| Second Floor | 56 | 0 | 56 |
| Third Floor | 56 | 0 | 56 |
| Fourth Floor | 43 | 0 | 43 |
| Fifth Floor | 43 | 0 | 43 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 20 | 0 | 20 |
| Eighth Floor | 20 | 0 | 20 |
| Total | 353 | 4 | 357 |
| | 99% | 1% | |

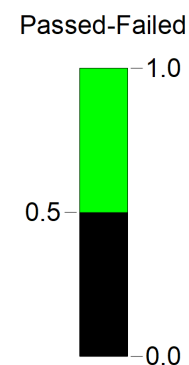
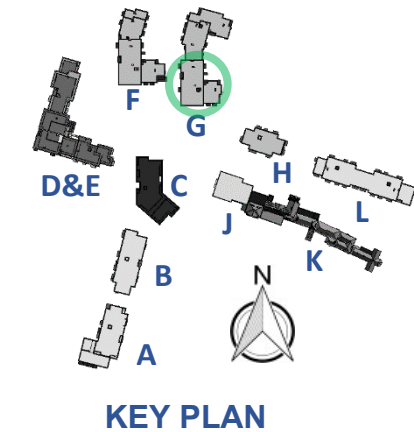
Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment

Block G – Second Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



| Block G | Pass | Fail | Total |
|---------------|------------|-----------|------------|
| Ground Floor | 39 | 2 | 41 |
| First Floor | 49 | 2 | 51 |
| Second Floor | 56 | 0 | 56 |
| Third Floor | 56 | 0 | 56 |
| Fourth Floor | 43 | 0 | 43 |
| Fifth Floor | 43 | 0 | 43 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 20 | 0 | 20 |
| Eighth Floor | 20 | 0 | 20 |
| Total | 353 | 4 | 357 |
| | 99% | 1% | |

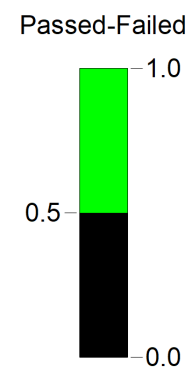
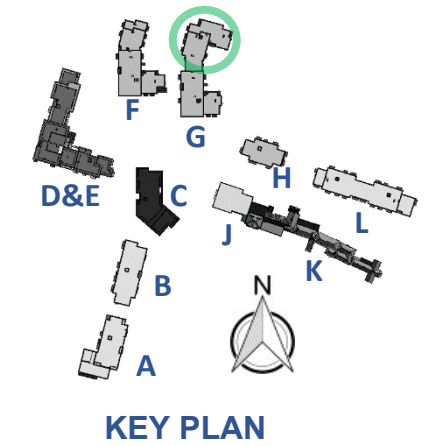
Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment

Block G – Third Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |

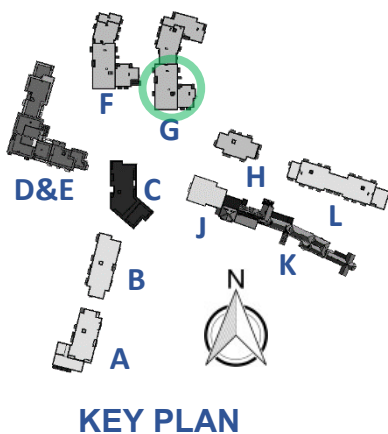


| Block G | Pass | Fail | Total |
|---------------|------------|-----------|------------|
| Ground Floor | 39 | 2 | 41 |
| First Floor | 49 | 2 | 51 |
| Second Floor | 56 | 0 | 56 |
| Third Floor | 56 | 0 | 56 |
| Fourth Floor | 43 | 0 | 43 |
| Fifth Floor | 43 | 0 | 43 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 20 | 0 | 20 |
| Eighth Floor | 20 | 0 | 20 |
| Total | 353 | 4 | 357 |
| | 99% | 1% | |

Block G – Third Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it’s receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| Block G | Pass | Fail | Total |
|---------------|------|------|-------|
| Ground Floor | 39 | 2 | 41 |
| First Floor | 49 | 2 | 51 |
| Second Floor | 56 | 0 | 56 |
| Third Floor | 56 | 0 | 56 |
| Fourth Floor | 43 | 0 | 43 |
| Fifth Floor | 43 | 0 | 43 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 20 | 0 | 20 |
| Eighth Floor | 20 | 0 | 20 |
| Total | 353 | 4 | 357 |
| | 99% | 1% | |

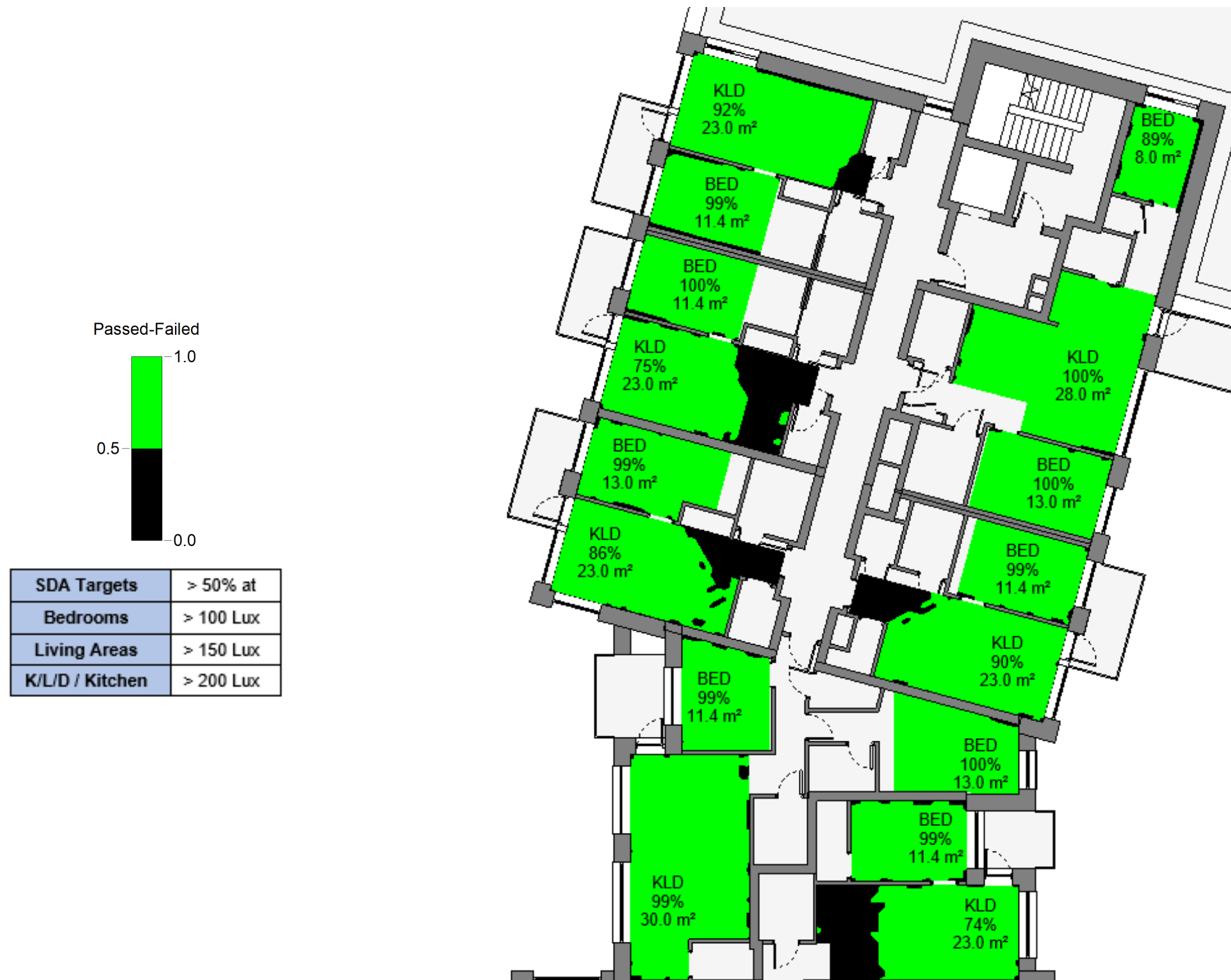
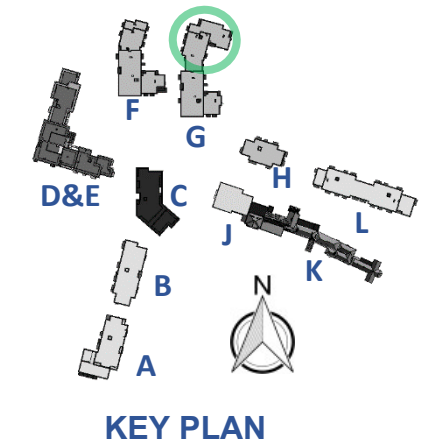
Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment

Block G – Fourth Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.

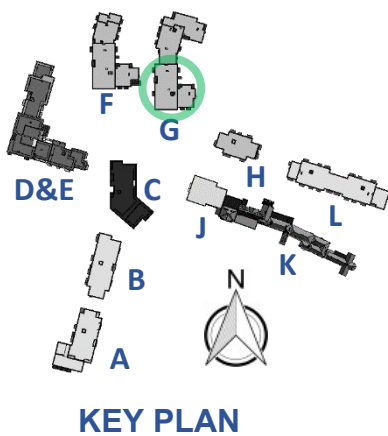


| Block G | Pass | Fail | Total |
|---------------|------------|-----------|------------|
| Ground Floor | 39 | 2 | 41 |
| First Floor | 49 | 2 | 51 |
| Second Floor | 56 | 0 | 56 |
| Third Floor | 56 | 0 | 56 |
| Fourth Floor | 43 | 0 | 43 |
| Fifth Floor | 43 | 0 | 43 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 20 | 0 | 20 |
| Eighth Floor | 20 | 0 | 20 |
| Total | 353 | 4 | 357 |
| | 99% | 1% | |

Block G – Fourth Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it’s receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| Block G | Pass | Fail | Total |
|---------------|------|------|-------|
| Ground Floor | 39 | 2 | 41 |
| First Floor | 49 | 2 | 51 |
| Second Floor | 56 | 0 | 56 |
| Third Floor | 56 | 0 | 56 |
| Fourth Floor | 43 | 0 | 43 |
| Fifth Floor | 43 | 0 | 43 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 20 | 0 | 20 |
| Eighth Floor | 20 | 0 | 20 |
| Total | 353 | 4 | 357 |
| | 99% | 1% | |

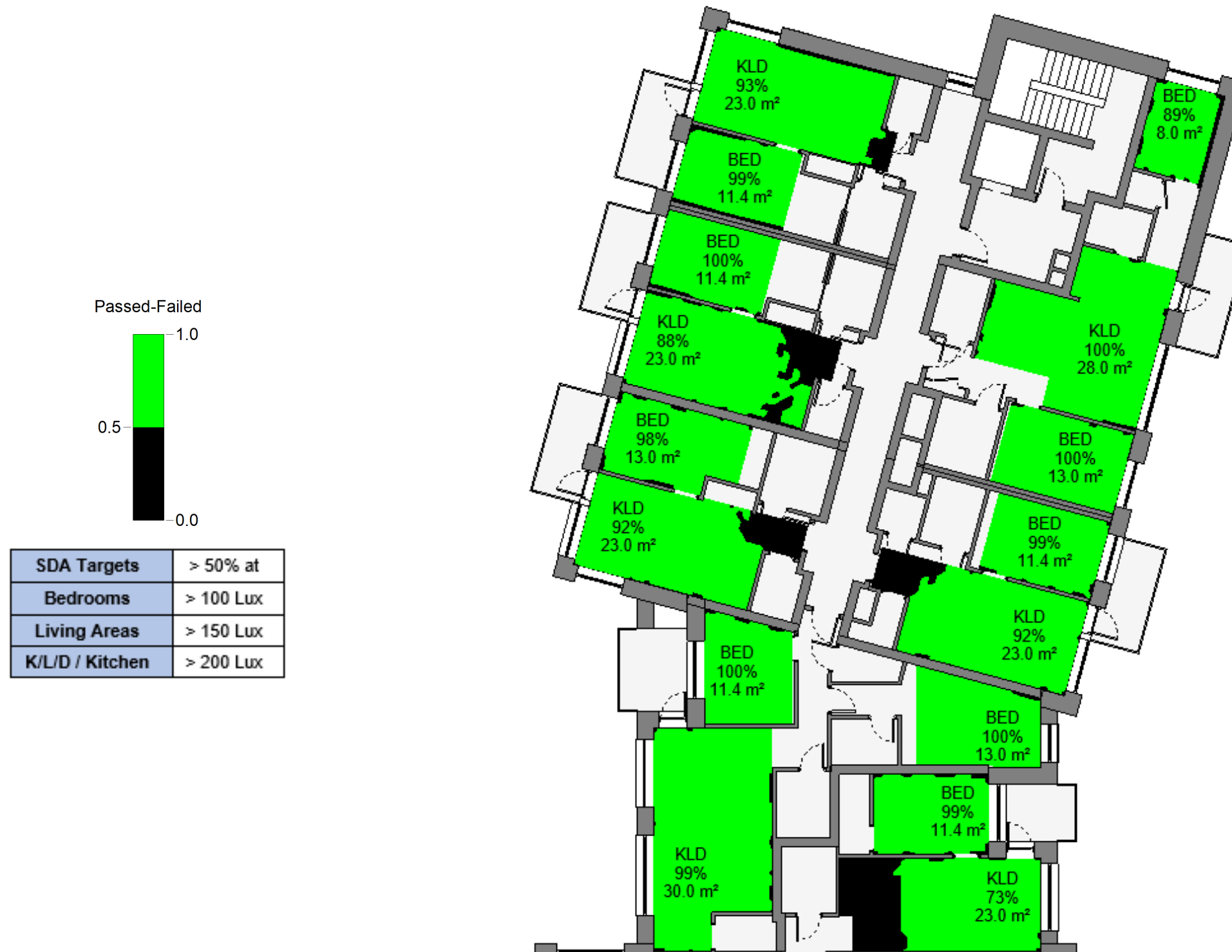
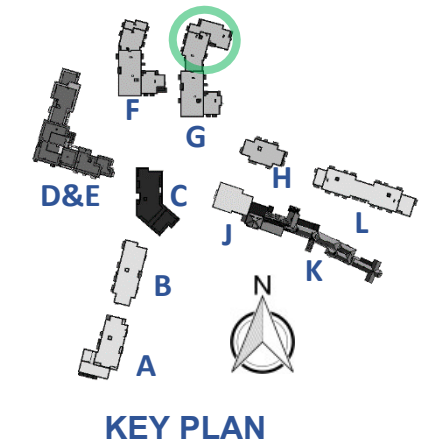
Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment

Block G – Fifth Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.

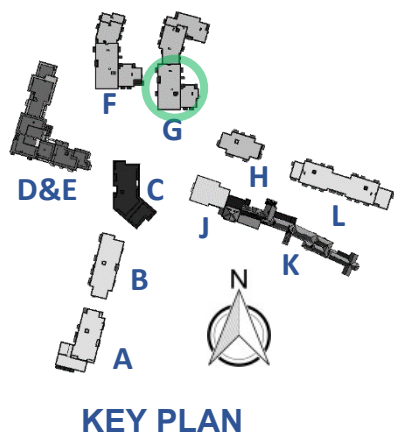


| Block G | Pass | Fail | Total |
|---------------|------------|-----------|------------|
| Ground Floor | 39 | 2 | 41 |
| First Floor | 49 | 2 | 51 |
| Second Floor | 56 | 0 | 56 |
| Third Floor | 56 | 0 | 56 |
| Fourth Floor | 43 | 0 | 43 |
| Fifth Floor | 43 | 0 | 43 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 20 | 0 | 20 |
| Eighth Floor | 20 | 0 | 20 |
| Total | 353 | 4 | 357 |
| | 99% | 1% | |

Block G – Fifth Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.

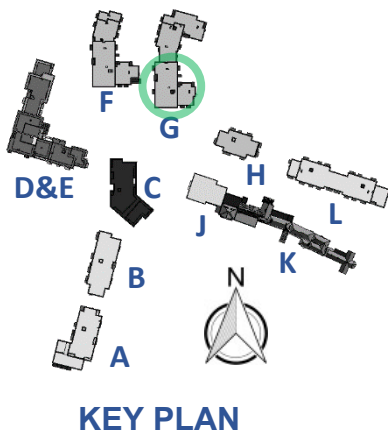


| Block G | Pass | Fail | Total |
|---------------|------|------|-------|
| Ground Floor | 39 | 2 | 41 |
| First Floor | 49 | 2 | 51 |
| Second Floor | 56 | 0 | 56 |
| Third Floor | 56 | 0 | 56 |
| Fourth Floor | 43 | 0 | 43 |
| Fifth Floor | 43 | 0 | 43 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 20 | 0 | 20 |
| Eighth Floor | 20 | 0 | 20 |
| Total | 353 | 4 | 357 |
| | 99% | 1% | |

Block G – Sixth Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it’s receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| Block G | Pass | Fail | Total |
|---------------|------|------|-------|
| Ground Floor | 39 | 2 | 41 |
| First Floor | 49 | 2 | 51 |
| Second Floor | 56 | 0 | 56 |
| Third Floor | 56 | 0 | 56 |
| Fourth Floor | 43 | 0 | 43 |
| Fifth Floor | 43 | 0 | 43 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 20 | 0 | 20 |
| Eighth Floor | 20 | 0 | 20 |
| Total | 353 | 4 | 357 |
| | 99% | 1% | |

Daylight and Sunlight Analysis

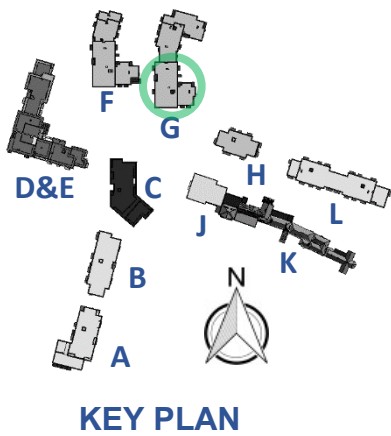
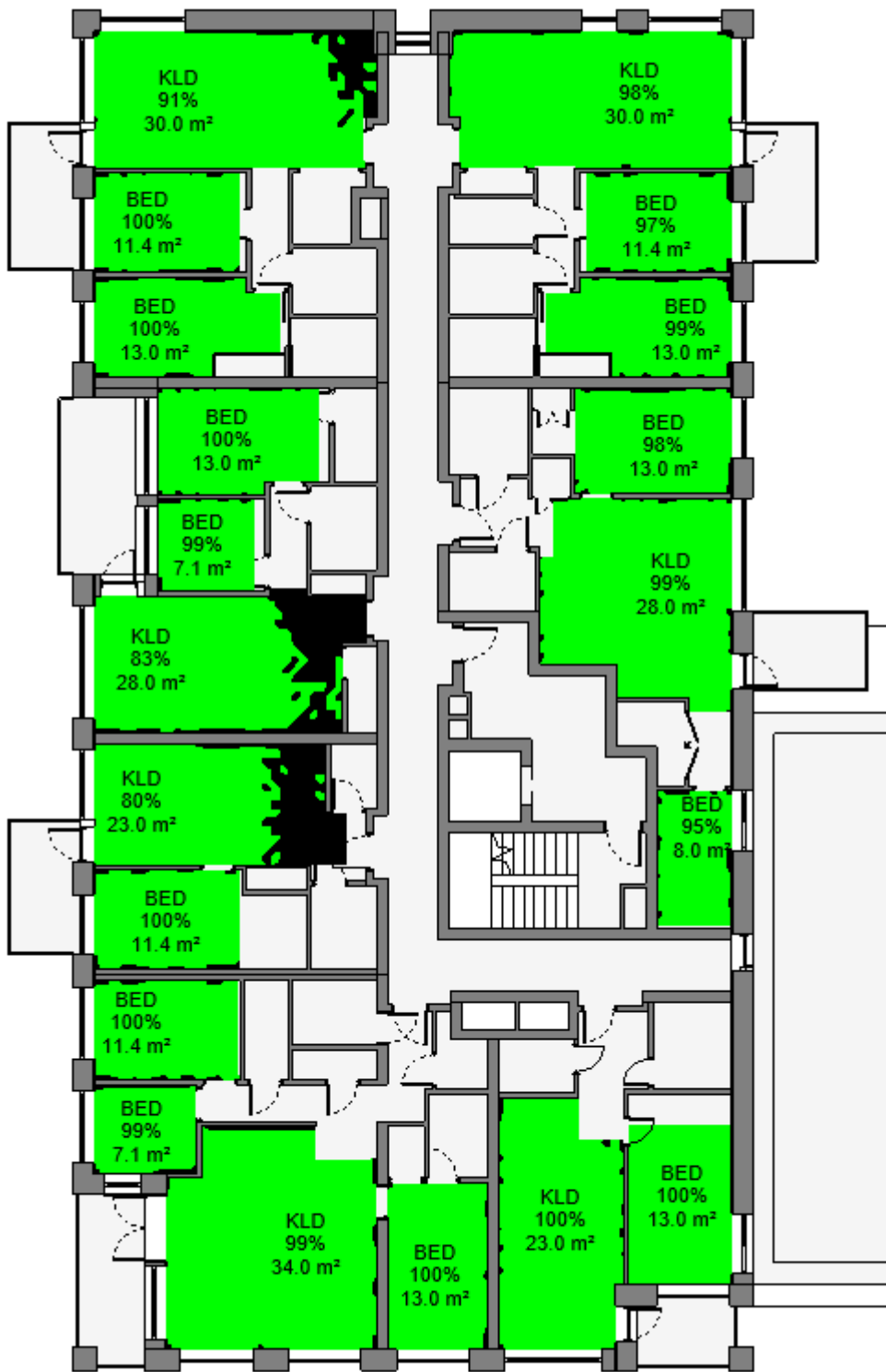
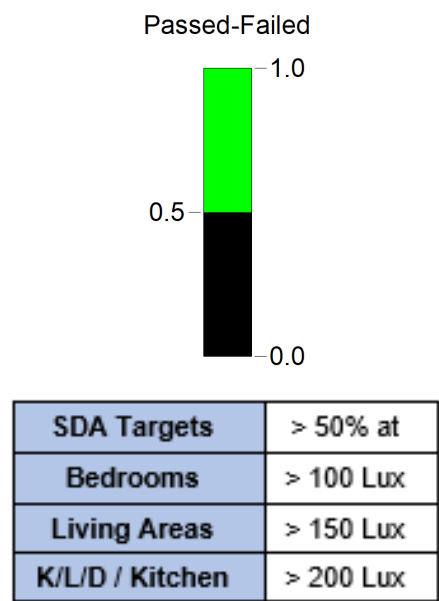
St Vincent's Hospital Fairview Redevelopment



Block G – Seventh Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| Block G | Pass | Fail | Total |
|---------------|------|------|-------|
| Ground Floor | 39 | 2 | 41 |
| First Floor | 49 | 2 | 51 |
| Second Floor | 56 | 0 | 56 |
| Third Floor | 56 | 0 | 56 |
| Fourth Floor | 43 | 0 | 43 |
| Fifth Floor | 43 | 0 | 43 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 20 | 0 | 20 |
| Eighth Floor | 20 | 0 | 20 |
| Total | 353 | 4 | 357 |
| | 99% | 1% | |

Daylight and Sunlight Analysis

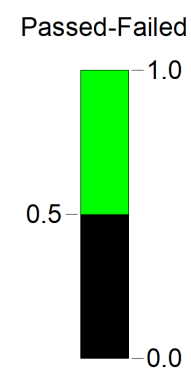
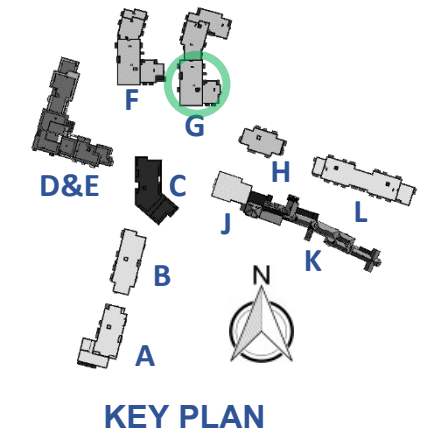
St Vincent's Hospital Fairview Redevelopment



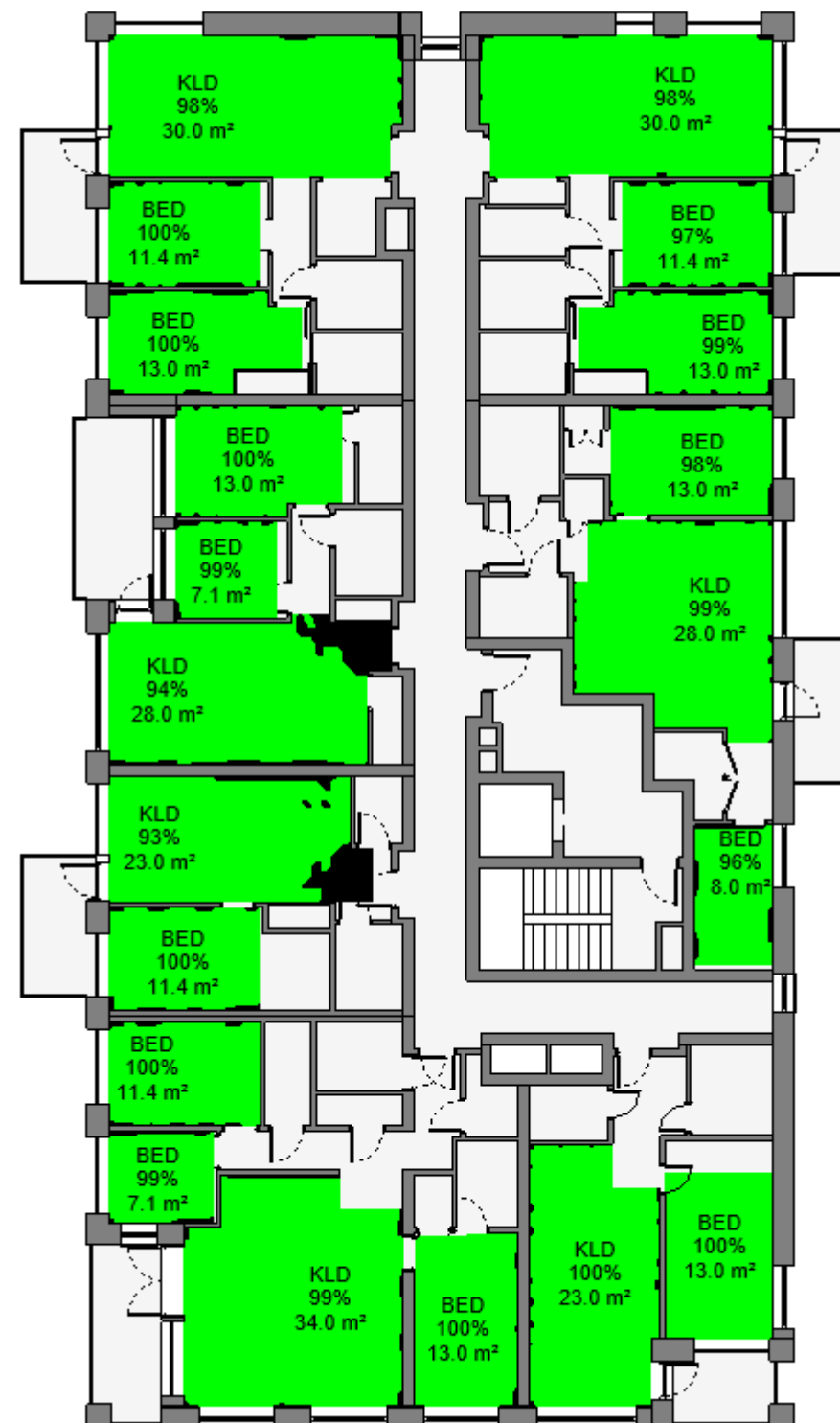
Block G – Eighth Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



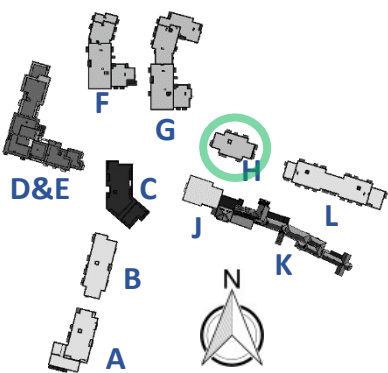
| Block G | Pass | Fail | Total |
|---------------|------------|-----------|------------|
| Ground Floor | 39 | 2 | 41 |
| First Floor | 49 | 2 | 51 |
| Second Floor | 56 | 0 | 56 |
| Third Floor | 56 | 0 | 56 |
| Fourth Floor | 43 | 0 | 43 |
| Fifth Floor | 43 | 0 | 43 |
| Sixth Floor | 27 | 0 | 27 |
| Seventh Floor | 20 | 0 | 20 |
| Eighth Floor | 20 | 0 | 20 |
| Total | 353 | 4 | 357 |
| | 99% | 1% | |

Results – Block H

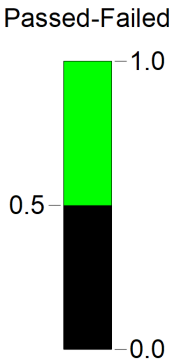
Block H – Ground Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it’s receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



KEY PLAN



| | |
|-----------------|-----------|
| SDA Targets | > 50% at |
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |

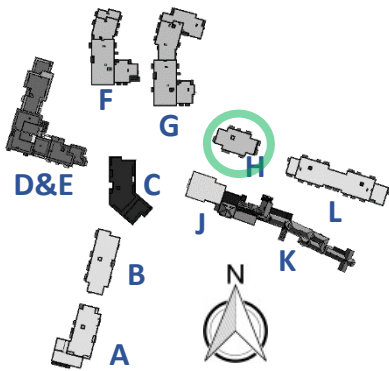
| Block H | Pass | Fail | Total |
|--------------|------|------|-------|
| Ground Floor | 15 | 0 | 15 |
| First Floor | 16 | 1 | 17 |
| Second Floor | 17 | 0 | 17 |
| Third Floor | 17 | 0 | 17 |
| Fourth Floor | 17 | 0 | 17 |
| Total | 82 | 1 | 83 |
| | 99% | 1% | |

Block H – First Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it’s receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

1 KLD was found to be non-compliant in this area.

The rest of the rooms were determined to be compliant for SDA.



KEY PLAN

- Compensatory Measures:
1. Daylight Adjacency

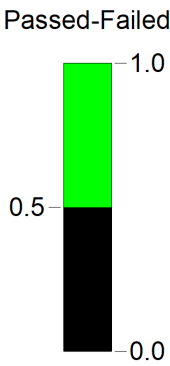
2. Sunlight

3. Dual Aspect

4. Aspect

5. Direct Access to Courtyard

6. Communal Open Space



| | |
|-----------------|-----------|
| SDA Targets | > 50% at |
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |

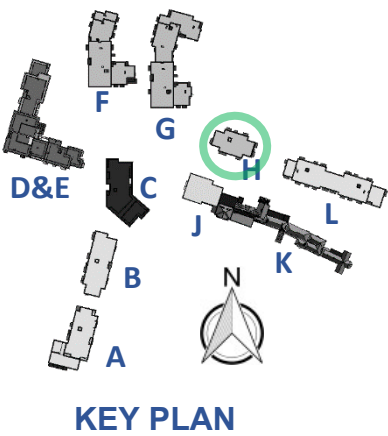


| Block H | Pass | Fail | Total |
|--------------|------|------|-------|
| Ground Floor | 15 | 0 | 15 |
| First Floor | 16 | 1 | 17 |
| Second Floor | 17 | 0 | 17 |
| Third Floor | 17 | 0 | 17 |
| Fourth Floor | 17 | 0 | 17 |
| Total | 82 | 1 | 83 |
| | 99% | 1% | |

Block H – Second Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it’s receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

All rooms were determined to be compliant for SDA.



| Block H | Pass | Fail | Total |
|--------------|------|------|-------|
| Ground Floor | 15 | 0 | 15 |
| First Floor | 16 | 1 | 17 |
| Second Floor | 17 | 0 | 17 |
| Third Floor | 17 | 0 | 17 |
| Fourth Floor | 17 | 0 | 17 |
| Total | 82 | 1 | 83 |
| | 99% | 1% | |

Daylight and Sunlight Analysis

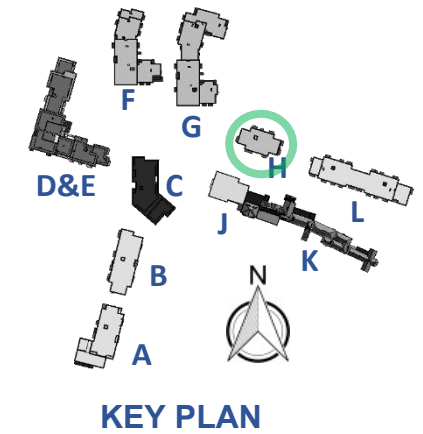
St Vincent's Hospital Fairview Redevelopment



Block H – Third Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

All rooms were determined to be compliant for SDA.

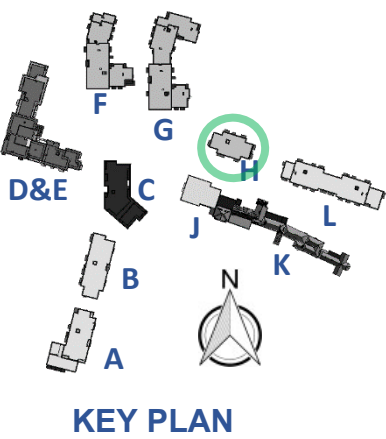


| Block H | Pass | Fail | Total |
|--------------|------------|-----------|-----------|
| Ground Floor | 15 | 0 | 15 |
| First Floor | 16 | 1 | 17 |
| Second Floor | 17 | 0 | 17 |
| Third Floor | 17 | 0 | 17 |
| Fourth Floor | 17 | 0 | 17 |
| Total | 82 | 1 | 83 |
| | 99% | 1% | |

Block H – Fourth Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it’s receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

All were determined to be compliant for SDA.



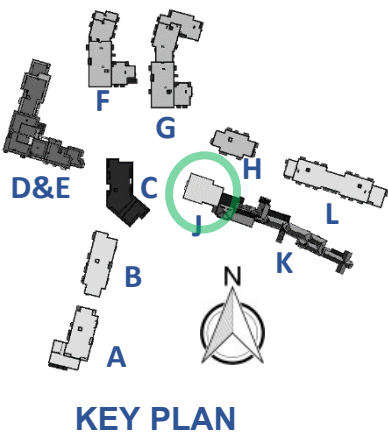
| Block H | Pass | Fail | Total |
|--------------|------|------|-------|
| Ground Floor | 15 | 0 | 15 |
| First Floor | 16 | 1 | 17 |
| Second Floor | 17 | 0 | 17 |
| Third Floor | 17 | 0 | 17 |
| Fourth Floor | 17 | 0 | 17 |
| Total | 82 | 1 | 83 |
| | 99% | 1% | |

Results – Block J

Block J – First Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it’s receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| Block J | Pass | Fail | Total |
|--------------|------|------|-------|
| First Floor | 7 | 0 | 7 |
| Second Floor | 13 | 0 | 13 |
| Third Floor | 13 | 0 | 13 |
| Total | 33 | 0 | 33 |
| | 100% | 0% | |

Daylight and Sunlight Analysis

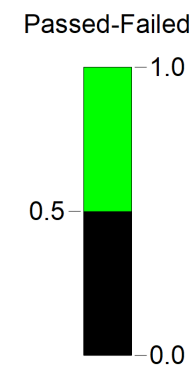
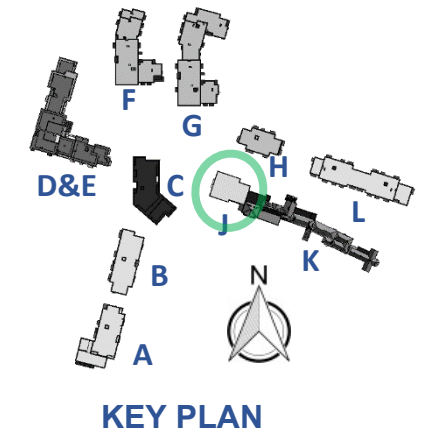
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Block J – Second Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



| Block J | Pass | Fail | Total |
|--------------|-------------|-----------|-----------|
| First Floor | 7 | 0 | 7 |
| Second Floor | 13 | 0 | 13 |
| Third Floor | 13 | 0 | 13 |
| Total | 33 | 0 | 33 |
| | 100% | 0% | |

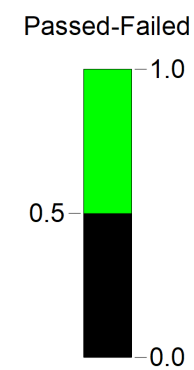
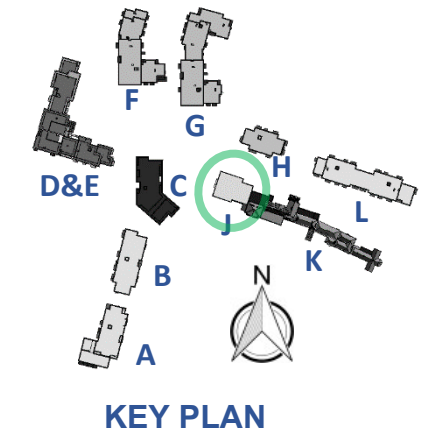
Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment

Block J – Third Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |



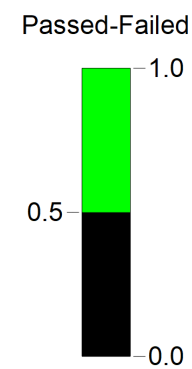
| Block J | Pass | Fail | Total |
|--------------|-------------|-----------|-----------|
| First Floor | 7 | 0 | 7 |
| Second Floor | 13 | 0 | 13 |
| Third Floor | 13 | 0 | 13 |
| Total | 33 | 0 | 33 |
| | 100% | 0% | |

Results – Block L

Block L – Ground Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.

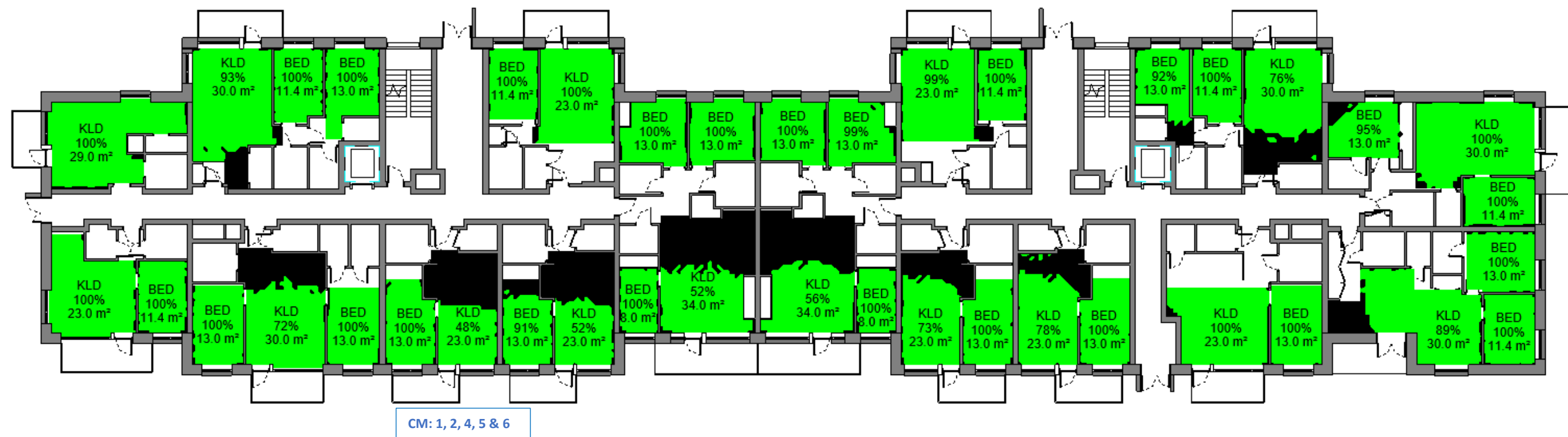
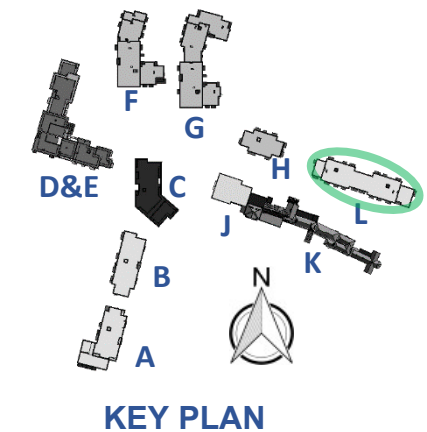


| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |

Compensatory Measures:

1. Daylight Adjacency
2. Sunlight
3. Dual Aspect
4. Aspect
5. Direct Access to Courtyard
6. Communal Open Space

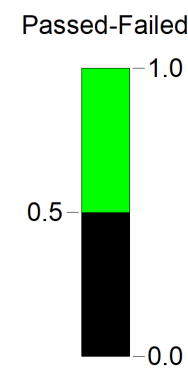
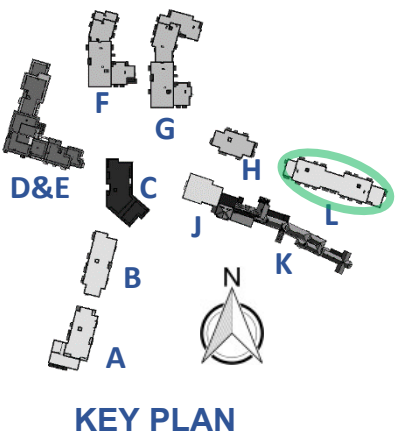
| Block L | Pass | Fail | Total |
|--------------|-------------|-----------|------------|
| Ground Floor | 39 | 1 | 40 |
| First Floor | 44 | 0 | 44 |
| Second Floor | 44 | 0 | 44 |
| Third Floor | 44 | 0 | 44 |
| Fourth Floor | 38 | 0 | 38 |
| Fifth Floor | 34 | 0 | 34 |
| Total | 243 | 1 | 244 |
| | 100% | 0% | |



Block L – First Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it’s receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.



| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |

| Block L | Pass | Fail | Total |
|--------------|-------------|-----------|------------|
| Ground Floor | 39 | 1 | 40 |
| First Floor | 44 | 0 | 44 |
| Second Floor | 44 | 0 | 44 |
| Third Floor | 44 | 0 | 44 |
| Fourth Floor | 38 | 0 | 38 |
| Fifth Floor | 34 | 0 | 34 |
| Total | 243 | 1 | 244 |
| | 100% | 0% | |



Daylight and Sunlight Analysis

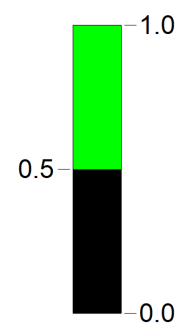
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Block L – Second Floor

Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it's receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

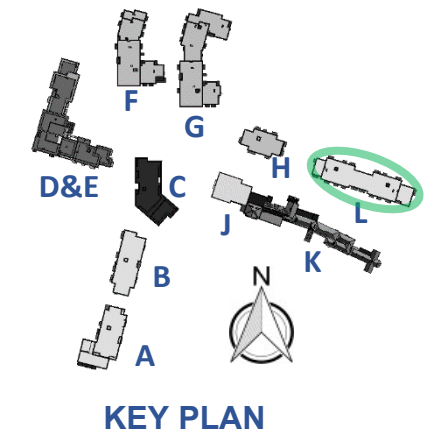
Every room was determined to be compliant for SDA in this area.

Passed-Failed

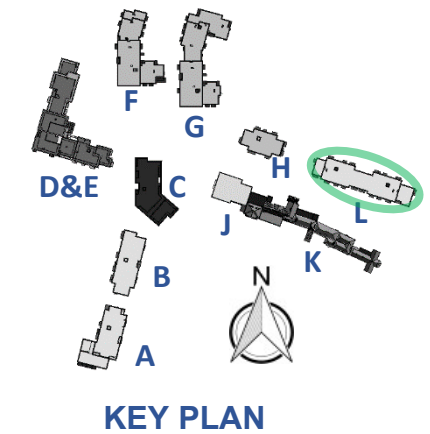


| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |

| Block L | Pass | Fail | Total |
|--------------|-------------|-----------|------------|
| Ground Floor | 39 | 1 | 40 |
| First Floor | 44 | 0 | 44 |
| Second Floor | 44 | 0 | 44 |
| Third Floor | 44 | 0 | 44 |
| Fourth Floor | 38 | 0 | 38 |
| Fifth Floor | 34 | 0 | 34 |
| Total | 243 | 1 | 244 |
| | 100% | 0% | |



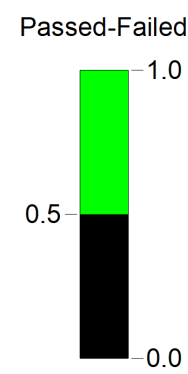
Every room was determined to be compliant for SDA in this area.



Block L – Fourth Floor

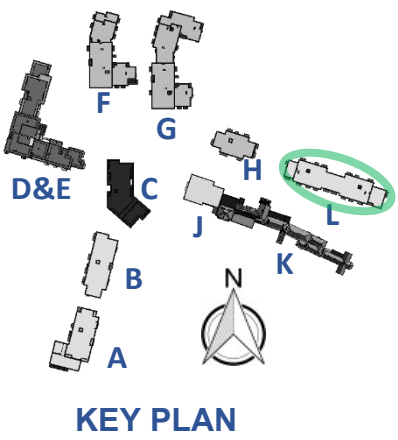
Daylight analysis results are illustrated below with green shaded area receiving targeted illuminance, 200Lux for KLDs and 100Lux for Bedrooms. Black shade is showing area where it’s receiving less than targeted illuminance. A space is deemed compliant where >50% of areas achieve target illuminance.

Every room was determined to be compliant for SDA in this area.

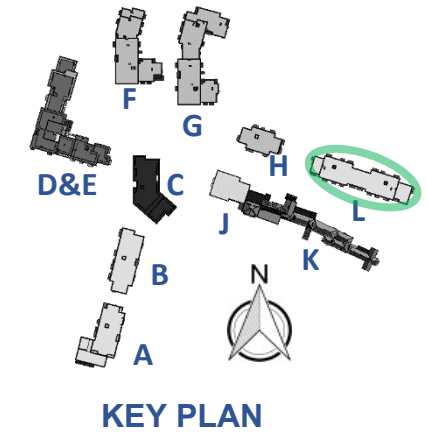


| SDA Targets | > 50% at |
|-----------------|-----------|
| Bedrooms | > 100 Lux |
| Living Areas | > 150 Lux |
| K/L/D / Kitchen | > 200 Lux |

| Block L | Pass | Fail | Total |
|--------------|------|------|-------|
| Ground Floor | 39 | 1 | 40 |
| First Floor | 44 | 0 | 44 |
| Second Floor | 44 | 0 | 44 |
| Third Floor | 44 | 0 | 44 |
| Fourth Floor | 38 | 0 | 38 |
| Fifth Floor | 34 | 0 | 34 |
| Total | 243 | 1 | 244 |
| | 100% | 0% | |



Every room was determined to be compliant for SDA in this area.



Appendix B

Exposure To Sunlight

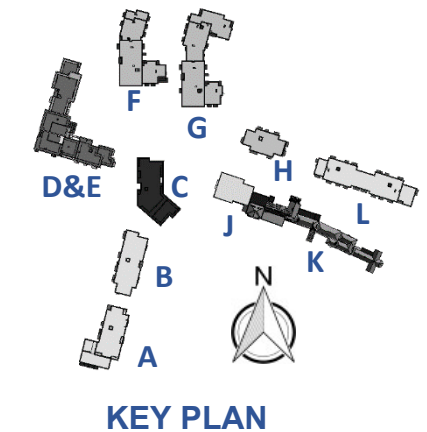
Appendix B - Results Summary (ETS)

The result tables below confirm a high level of compliance for Exposure to Sunlight. 94% of the units were determined to be compliant all exceeded the BRE recommendations.

| Block A | Pass | Fail | Total |
|--------------|-------------|-----------|-----------|
| Ground Floor | 6 | 0 | 6 |
| First Floor | 7 | 0 | 7 |
| Second Floor | 9 | 0 | 9 |
| Third Floor | 9 | 0 | 9 |
| Fourth Floor | 9 | 0 | 9 |
| Fifth Floor | 9 | 0 | 9 |
| Sixth Floor | 9 | 0 | 9 |
| Total | 58 | 0 | 58 |
| | 100% | 0% | |

| Block B | Pass | Fail | Total |
|---------------|-------------|-----------|-----------|
| Ground Floor | 9 | 0 | 9 |
| First Floor | 11 | 0 | 11 |
| Second Floor | 11 | 0 | 11 |
| Third Floor | 11 | 0 | 11 |
| Fourth Floor | 11 | 0 | 11 |
| Fifth Floor | 11 | 0 | 11 |
| Sixth Floor | 11 | 0 | 11 |
| Seventh Floor | 11 | 0 | 11 |
| Total | 86 | 0 | 86 |
| | 100% | 0% | |

| Block C | Pass | Fail | Total |
|--------------|-------------|-----------|-----------|
| Basement | 4 | 0 | 4 |
| Ground Floor | 11 | 0 | 11 |
| First Floor | 12 | 0 | 12 |
| Second Floor | 12 | 0 | 12 |
| Third Floor | 12 | 0 | 12 |
| Fourth Floor | 12 | 0 | 12 |
| Fifth Floor | 12 | 0 | 12 |
| Sixth Floor | 8 | 0 | 8 |
| Total | 83 | 0 | 83 |
| | 100% | 0% | |



| Block D & E | Pass | Fail | Total |
|----------------|------------|-----------|------------|
| Ground Floor | 19 | 1 | 20 |
| First Floor | 22 | 0 | 22 |
| Second Floor | 24 | 0 | 24 |
| Third Floor | 24 | 0 | 24 |
| Fourth Floor | 24 | 0 | 24 |
| Fifth Floor | 22 | 0 | 22 |
| Sixth Floor | 14 | 0 | 14 |
| Seventh Floor | 14 | 0 | 14 |
| Eighth Floor | 14 | 0 | 14 |
| Ninth Floor | 7 | 0 | 7 |
| Tenth Floor | 7 | 0 | 7 |
| Eleventh Floor | 7 | 0 | 7 |
| Total | 198 | 1 | 199 |
| | 99% | 1% | |

| Block F | Pass | Fail | Total |
|---------------|------------|------------|------------|
| Ground Floor | 8 | 6 | 14 |
| First Floor | 12 | 5 | 17 |
| Second Floor | 14 | 3 | 17 |
| Third Floor | 14 | 3 | 17 |
| Fourth Floor | 13 | 2 | 15 |
| Fifth Floor | 12 | 2 | 14 |
| Sixth Floor | 9 | 1 | 10 |
| Seventh Floor | 7 | 0 | 7 |
| Eighth Floor | 7 | 0 | 7 |
| Total | 96 | 22 | 118 |
| | 81% | 19% | |

| Block G | Pass | Fail | Total |
|---------------|------------|-----------|------------|
| Ground Floor | 12 | 4 | 16 |
| First Floor | 17 | 3 | 20 |
| Second Floor | 20 | 2 | 22 |
| Third Floor | 20 | 2 | 22 |
| Fourth Floor | 16 | 1 | 17 |
| Fifth Floor | 17 | 0 | 17 |
| Sixth Floor | 10 | 0 | 10 |
| Seventh Floor | 7 | 0 | 7 |
| Eighth Floor | 7 | 0 | 7 |
| Total | 126 | 12 | 138 |
| | 91% | 9% | |

| | Pass | Fail | Total |
|------------------------|------------|-----------|------------|
| Block A | 58 | 0 | 58 |
| Block B | 86 | 0 | 86 |
| Block C | 83 | 0 | 83 |
| Block D & E | 198 | 1 | 199 |
| Block F | 96 | 22 | 118 |
| Block G | 126 | 12 | 138 |
| Block H | 25 | 5 | 30 |
| Block L | 75 | 11 | 86 |
| Block J | 13 | 0 | 13 |
| | 760 | 51 | 811 |
| | 94% | 6% | |

Overall ETS for the proposed scheme

| Block H | Pass | Fail | Total |
|--------------|------------|------------|-----------|
| Ground Floor | 5 | 1 | 6 |
| First Floor | 5 | 1 | 6 |
| Second Floor | 5 | 1 | 6 |
| Third Floor | 5 | 1 | 6 |
| Fourth Floor | 5 | 1 | 6 |
| Total | 25 | 5 | 30 |
| | 83% | 17% | |

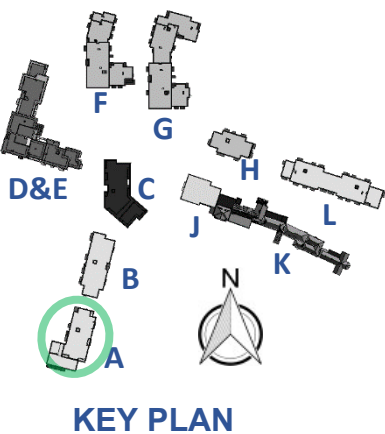
| Block J | Pass | Fail | Total |
|--------------|-------------|-----------|-----------|
| First Floor | 3 | 0 | 3 |
| Second Floor | 5 | 0 | 5 |
| Third Floor | 5 | 0 | 5 |
| Total | 13 | 0 | 13 |
| | 100% | 0% | |

| Block L | Pass | Fail | Total |
|--------------|------------|------------|-----------|
| Ground Floor | 14 | 2 | 16 |
| First Floor | 13 | 2 | 15 |
| Second Floor | 13 | 2 | 15 |
| Third Floor | 13 | 2 | 15 |
| Fourth Floor | 11 | 2 | 13 |
| Fifth Floor | 11 | 1 | 12 |
| Total | 75 | 11 | 86 |
| | 87% | 13% | |

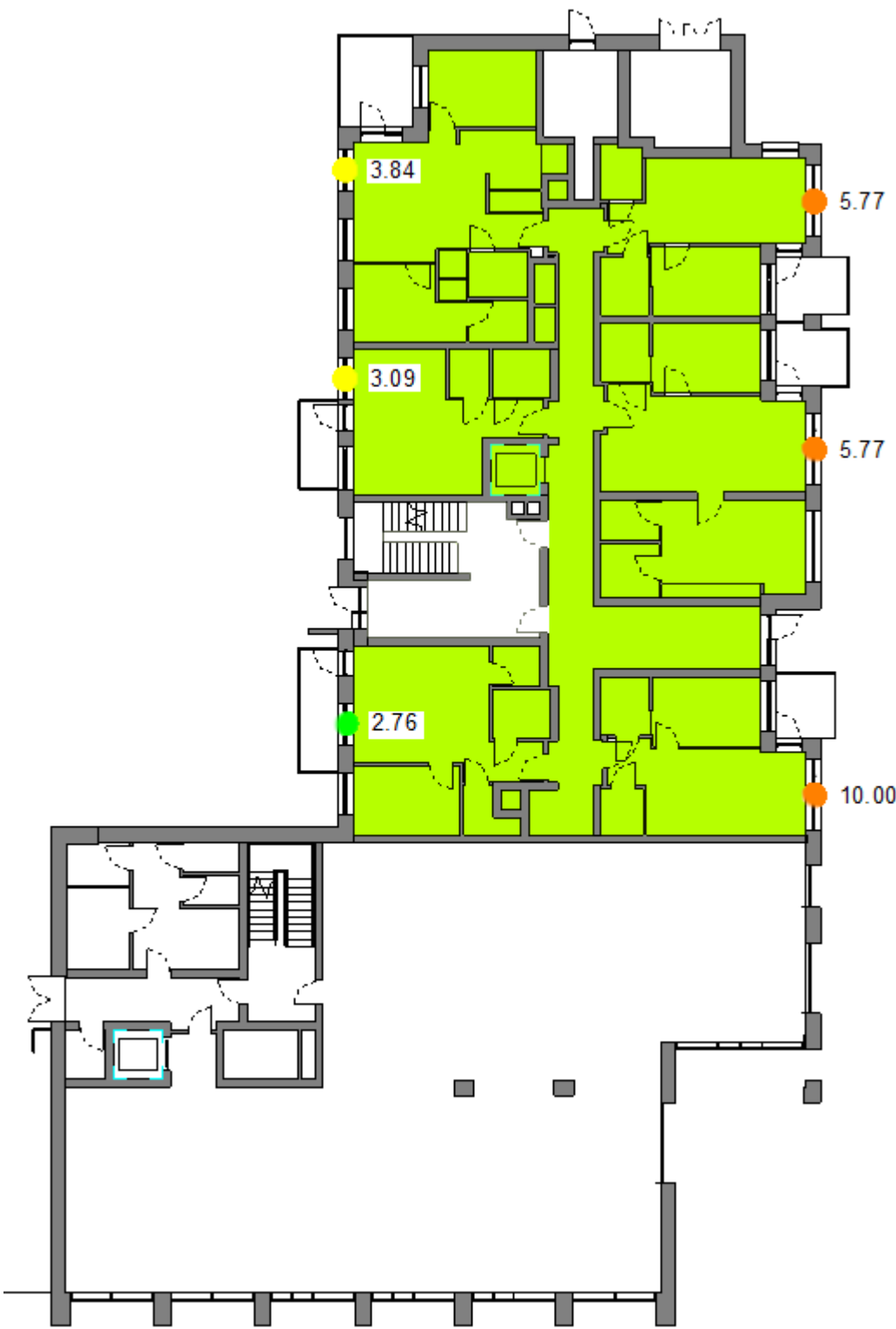
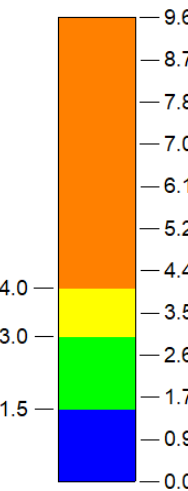
Results – Block A

Block A – Ground Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



Exposure2Sunlight



| Block A | Pass | Fail | Total |
|--------------|------|------|-------|
| Ground Floor | 6 | 0 | 6 |
| First Floor | 7 | 0 | 7 |
| Second Floor | 9 | 0 | 9 |
| Third Floor | 9 | 0 | 9 |
| Fourth Floor | 9 | 0 | 9 |
| Fifth Floor | 9 | 0 | 9 |
| Sixth Floor | 9 | 0 | 9 |
| Total | 58 | 0 | 58 |
| | 100% | 0% | |

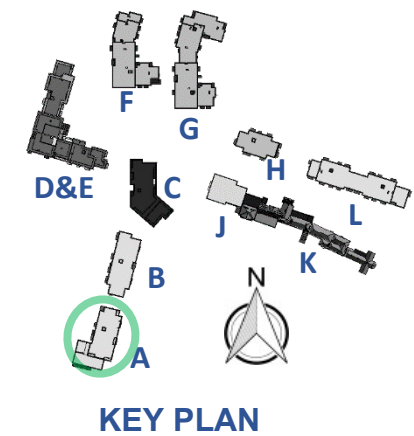
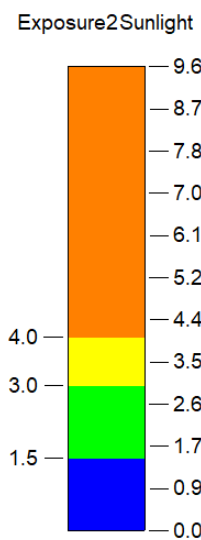
Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment



Block A – First Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



| Block A | Pass | Fail | Total |
|--------------|------|------|-------|
| Ground Floor | 6 | 0 | 6 |
| First Floor | 7 | 0 | 7 |
| Second Floor | 9 | 0 | 9 |
| Third Floor | 9 | 0 | 9 |
| Fourth Floor | 9 | 0 | 9 |
| Fifth Floor | 9 | 0 | 9 |
| Sixth Floor | 9 | 0 | 9 |
| Total | 58 | 0 | 58 |
| | 100% | 0% | |

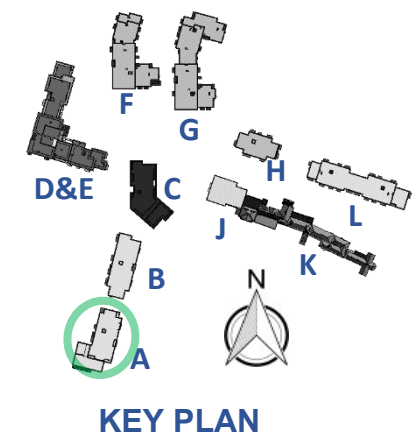
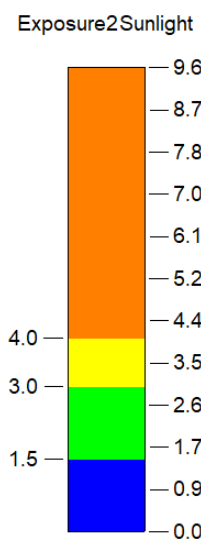
Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment



Block A – Second Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



| Block A | Pass | Fail | Total |
|--------------|------|------|-------|
| Ground Floor | 6 | 0 | 6 |
| First Floor | 7 | 0 | 7 |
| Second Floor | 9 | 0 | 9 |
| Third Floor | 9 | 0 | 9 |
| Fourth Floor | 9 | 0 | 9 |
| Fifth Floor | 9 | 0 | 9 |
| Sixth Floor | 9 | 0 | 9 |
| Total | 58 | 0 | 58 |
| | 100% | 0% | |

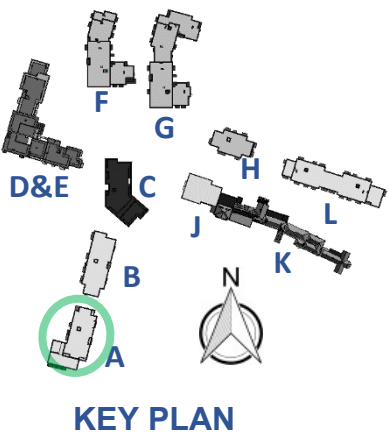
Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment

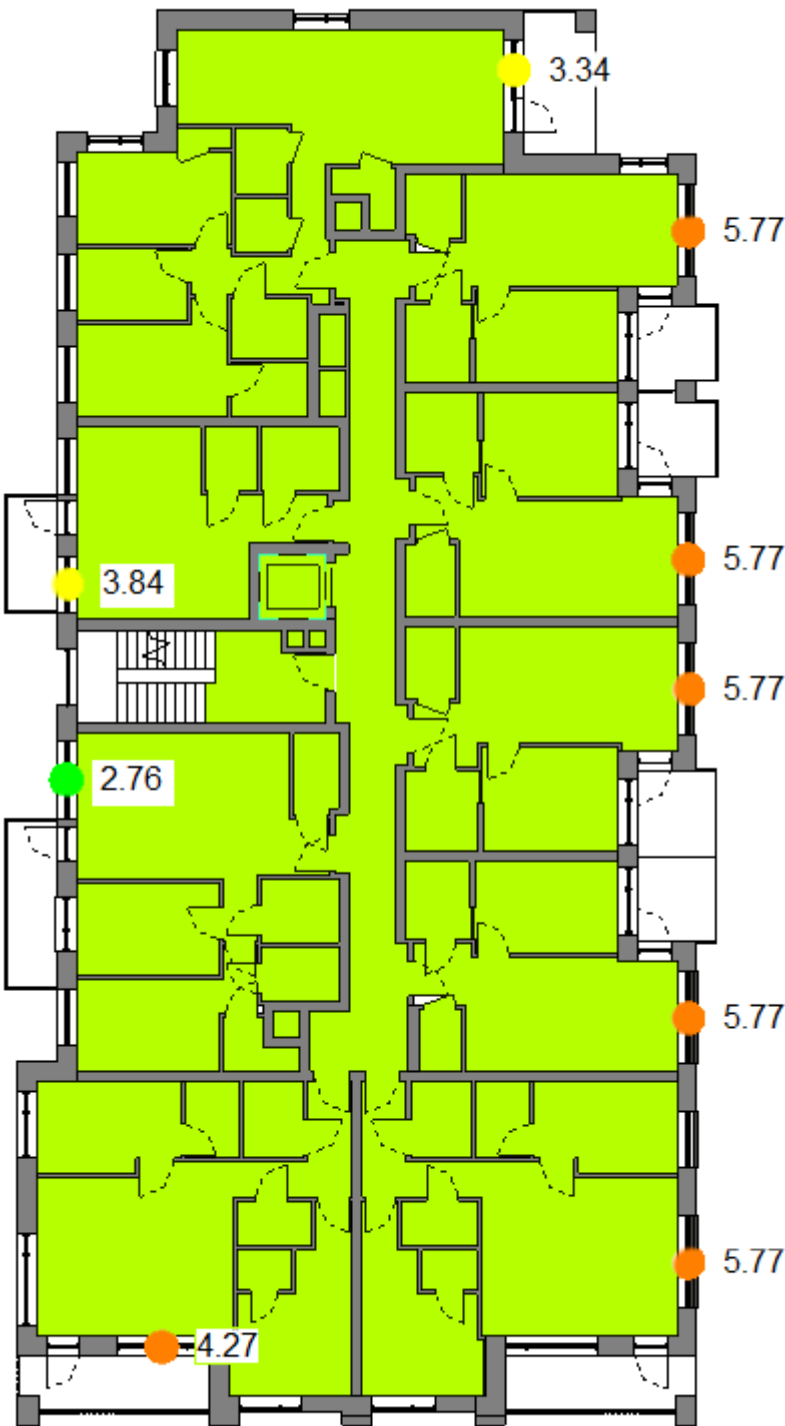
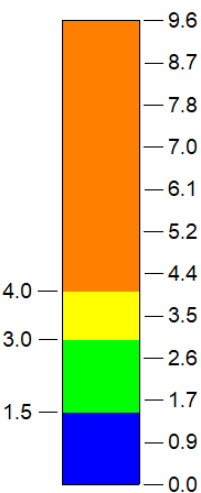


Block A – Third Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



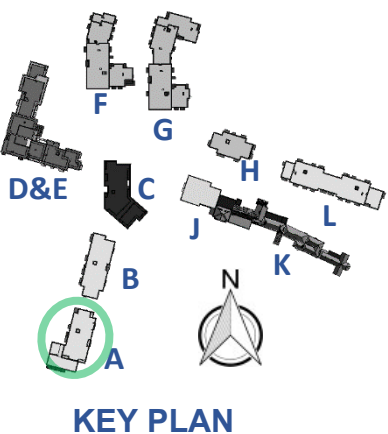
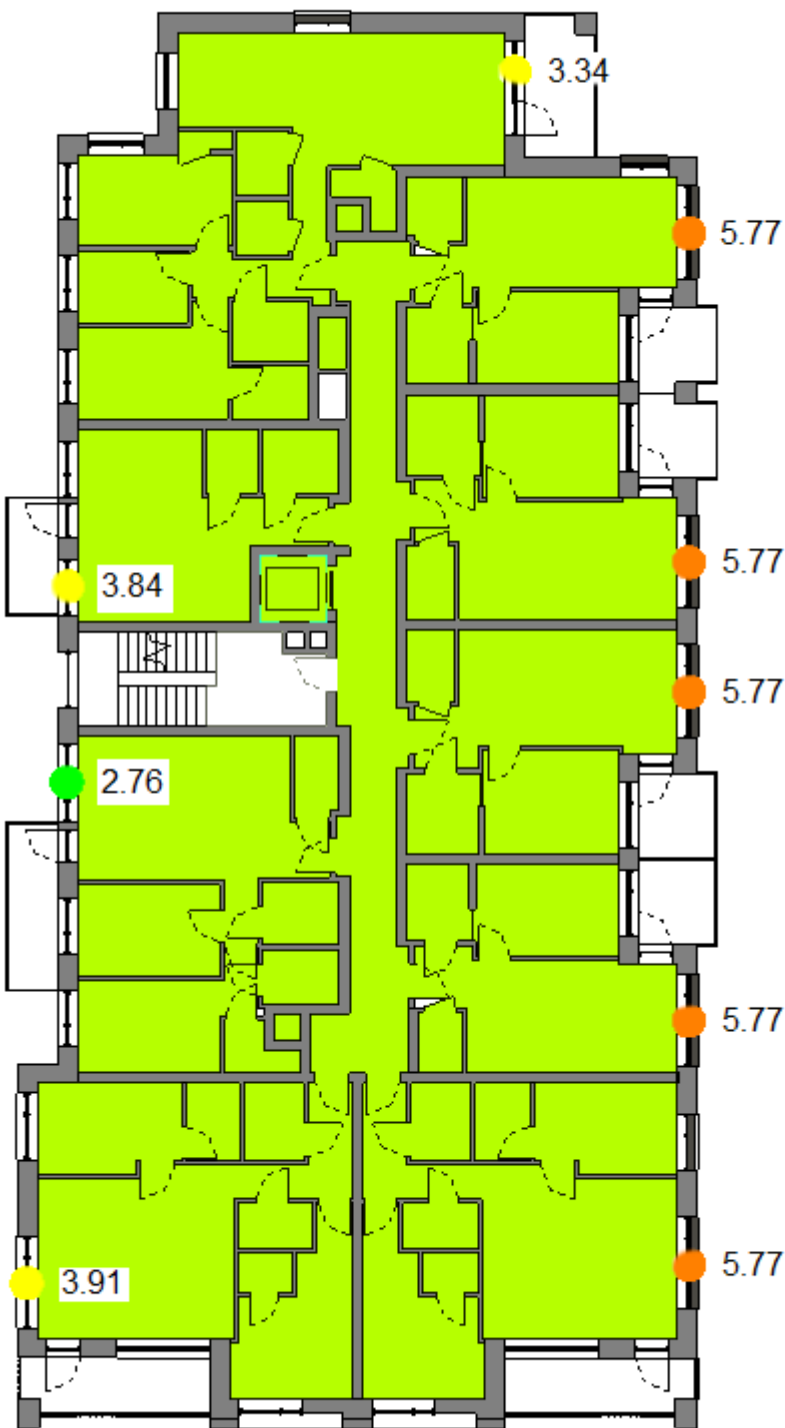
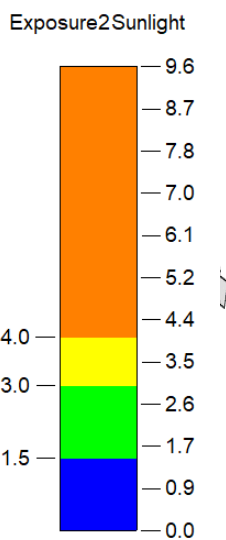
Exposure2Sunlight



| Block A | Pass | Fail | Total |
|--------------|------|------|-------|
| Ground Floor | 6 | 0 | 6 |
| First Floor | 7 | 0 | 7 |
| Second Floor | 9 | 0 | 9 |
| Third Floor | 9 | 0 | 9 |
| Fourth Floor | 9 | 0 | 9 |
| Fifth Floor | 9 | 0 | 9 |
| Sixth Floor | 9 | 0 | 9 |
| Total | 58 | 0 | 58 |
| | 100% | 0% | |

Block A – Fourth Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



| Block A | Pass | Fail | Total |
|--------------|------|------|-------|
| Ground Floor | 6 | 0 | 6 |
| First Floor | 7 | 0 | 7 |
| Second Floor | 9 | 0 | 9 |
| Third Floor | 9 | 0 | 9 |
| Fourth Floor | 9 | 0 | 9 |
| Fifth Floor | 9 | 0 | 9 |
| Sixth Floor | 9 | 0 | 9 |
| Total | 58 | 0 | 58 |
| | 100% | 0% | |

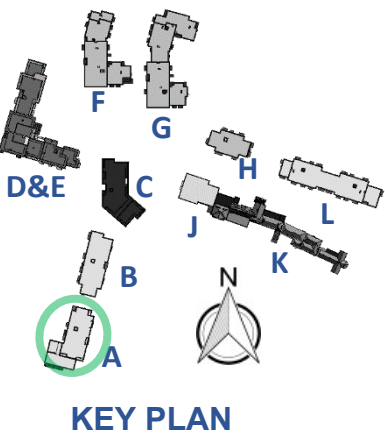
Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment



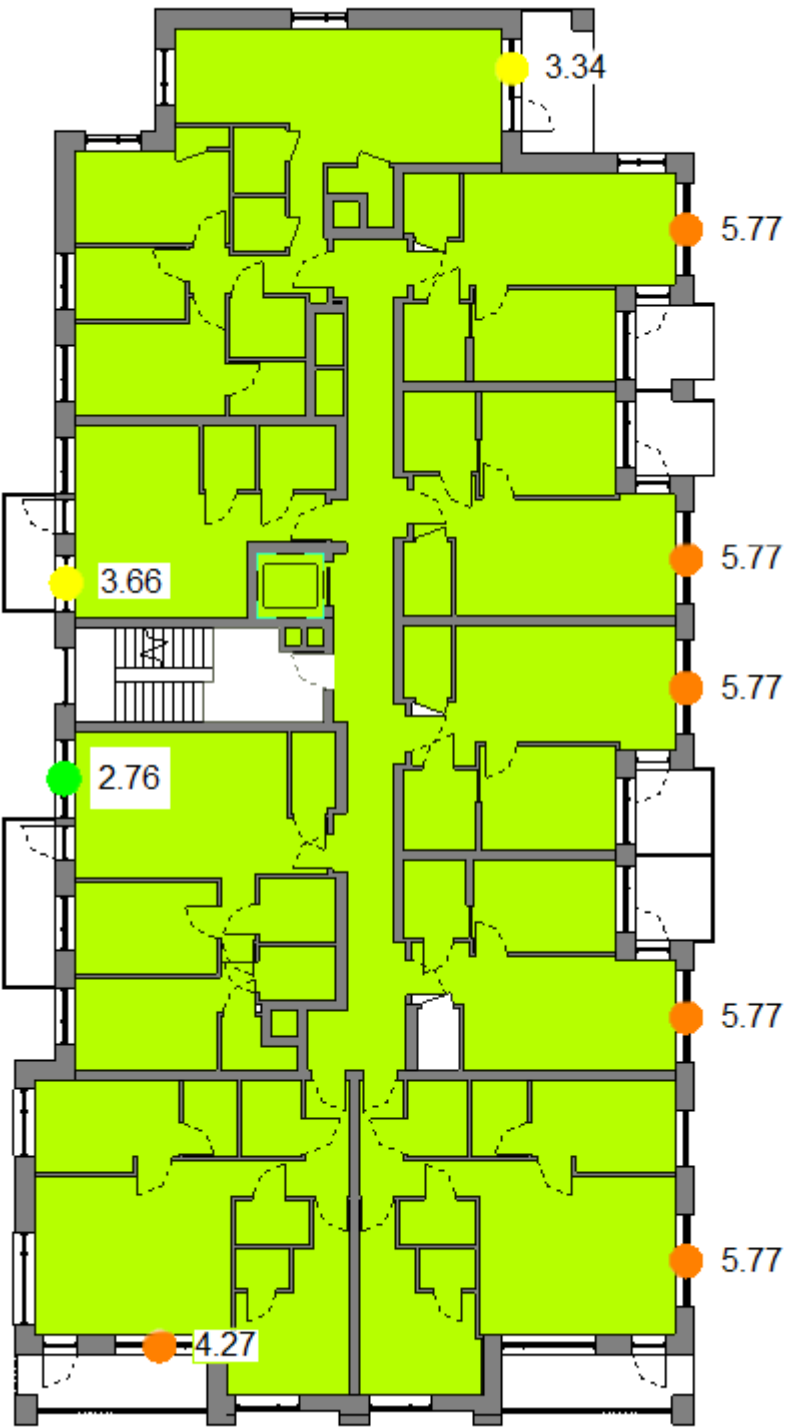
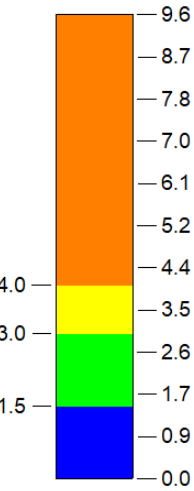
Block A – Fifth Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



KEY PLAN

Exposure2Sunlight



| Block A | Pass | Fail | Total |
|--------------|------|------|-------|
| Ground Floor | 6 | 0 | 6 |
| First Floor | 7 | 0 | 7 |
| Second Floor | 9 | 0 | 9 |
| Third Floor | 9 | 0 | 9 |
| Fourth Floor | 9 | 0 | 9 |
| Fifth Floor | 9 | 0 | 9 |
| Sixth Floor | 9 | 0 | 9 |
| Total | 58 | 0 | 58 |
| | 100% | 0% | |

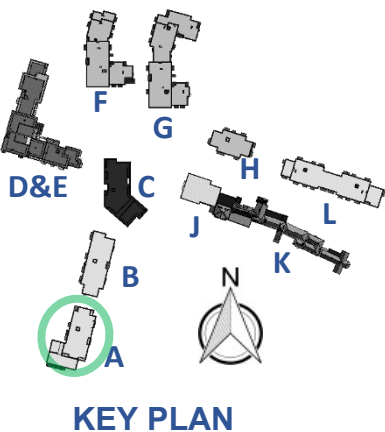
Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment



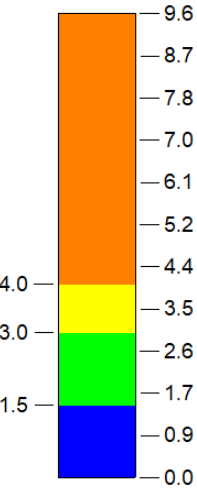
Block A – Sixth Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



KEY PLAN

Exposure2Sunlight

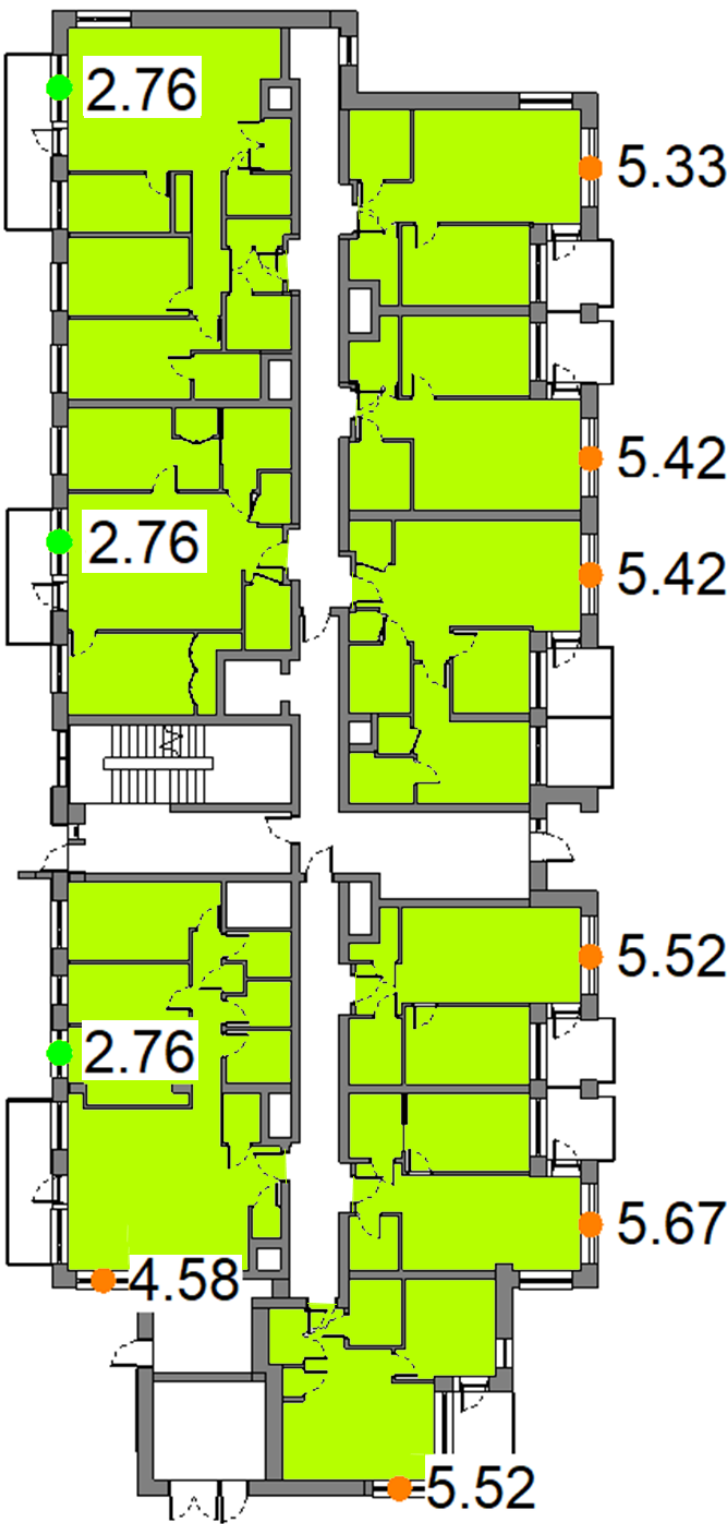
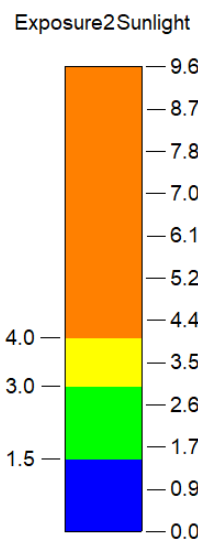
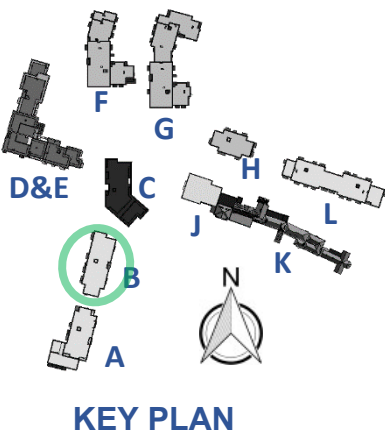


| Block A | Pass | Fail | Total |
|--------------|------|------|-------|
| Ground Floor | 6 | 0 | 6 |
| First Floor | 7 | 0 | 7 |
| Second Floor | 9 | 0 | 9 |
| Third Floor | 9 | 0 | 9 |
| Fourth Floor | 9 | 0 | 9 |
| Fifth Floor | 9 | 0 | 9 |
| Sixth Floor | 9 | 0 | 9 |
| Total | 58 | 0 | 58 |
| | 100% | 0% | |

Results – Block B

Block B – Ground Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



| Block B | Pass | Fail | Total |
|---------------|------|------|-------|
| Ground Floor | 9 | 0 | 9 |
| First Floor | 11 | 0 | 11 |
| Second Floor | 11 | 0 | 11 |
| Third Floor | 11 | 0 | 11 |
| Fourth Floor | 11 | 0 | 11 |
| Fifth Floor | 11 | 0 | 11 |
| Sixth Floor | 11 | 0 | 11 |
| Seventh Floor | 11 | 0 | 11 |
| Total | 86 | 0 | 86 |
| | 100% | 0% | |

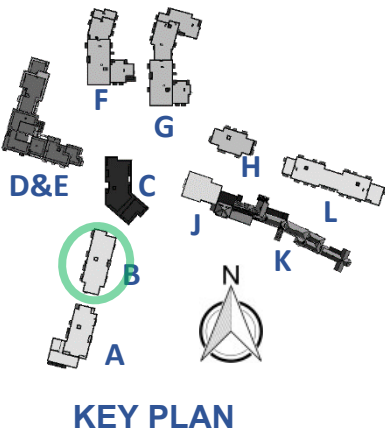
Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment

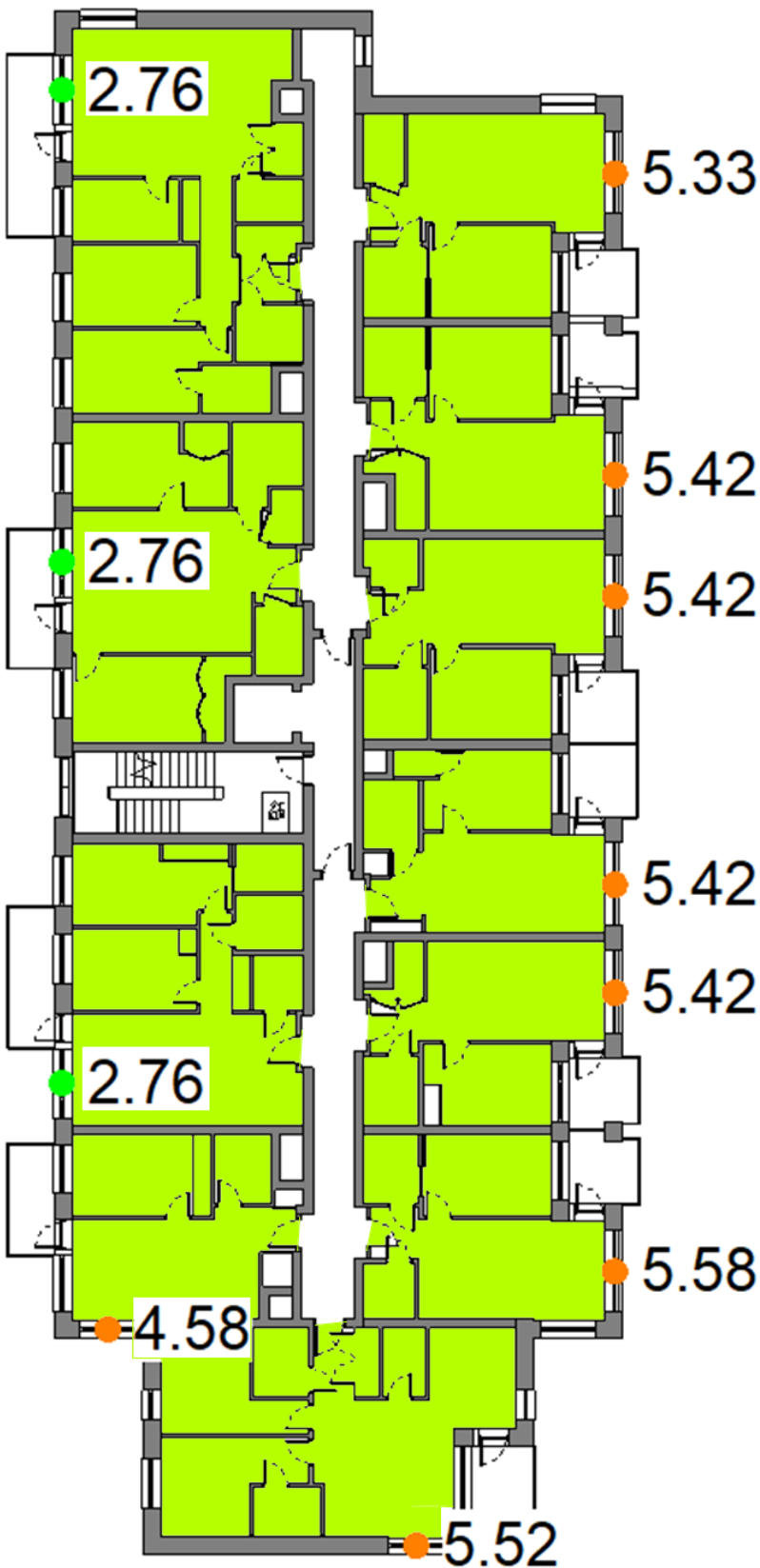
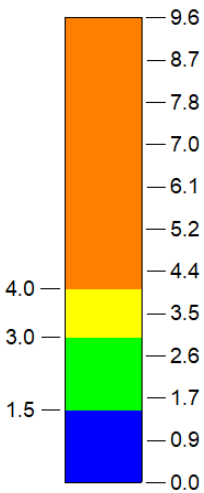


Block B – First Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



Exposure2Sunlight



| Block B | Pass | Fail | Total |
|---------------|------|------|-------|
| Ground Floor | 9 | 0 | 9 |
| First Floor | 11 | 0 | 11 |
| Second Floor | 11 | 0 | 11 |
| Third Floor | 11 | 0 | 11 |
| Fourth Floor | 11 | 0 | 11 |
| Fifth Floor | 11 | 0 | 11 |
| Sixth Floor | 11 | 0 | 11 |
| Seventh Floor | 11 | 0 | 11 |
| Total | 86 | 0 | 86 |
| | 100% | 0% | |

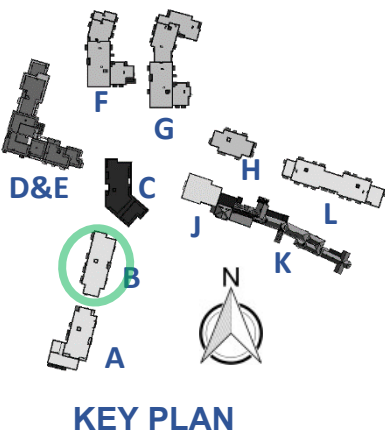
Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment



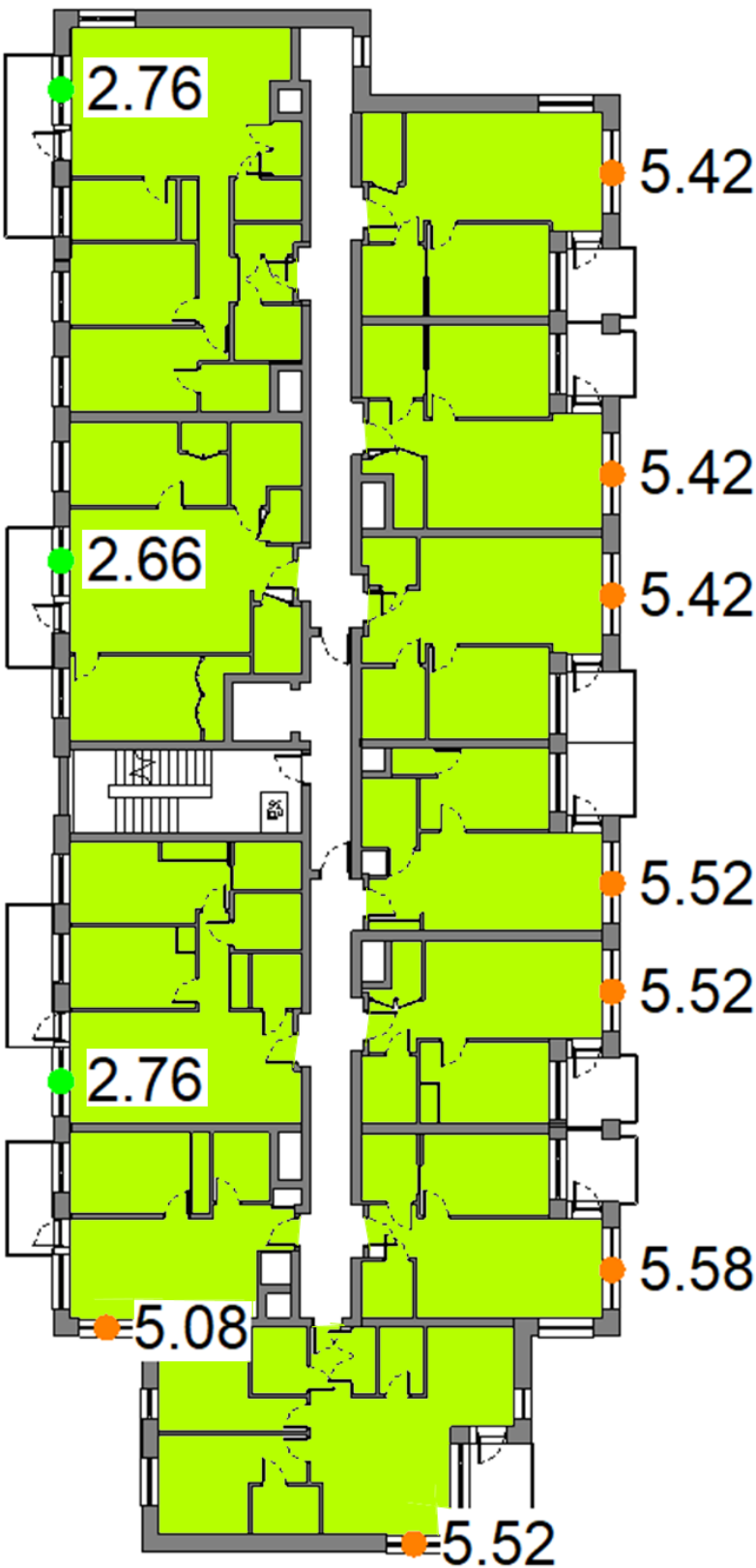
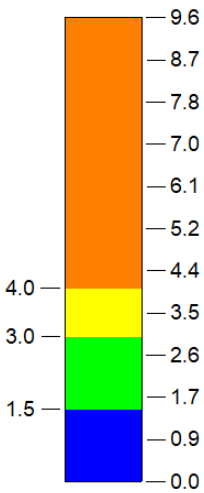
Block B – Second Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



KEY PLAN

Exposure2Sunlight



| Block B | Pass | Fail | Total |
|---------------|------|------|-------|
| Ground Floor | 9 | 0 | 9 |
| First Floor | 11 | 0 | 11 |
| Second Floor | 11 | 0 | 11 |
| Third Floor | 11 | 0 | 11 |
| Fourth Floor | 11 | 0 | 11 |
| Fifth Floor | 11 | 0 | 11 |
| Sixth Floor | 11 | 0 | 11 |
| Seventh Floor | 11 | 0 | 11 |
| Total | 86 | 0 | 86 |
| | 100% | 0% | |

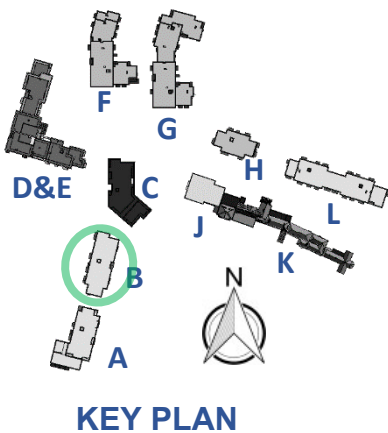
Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment

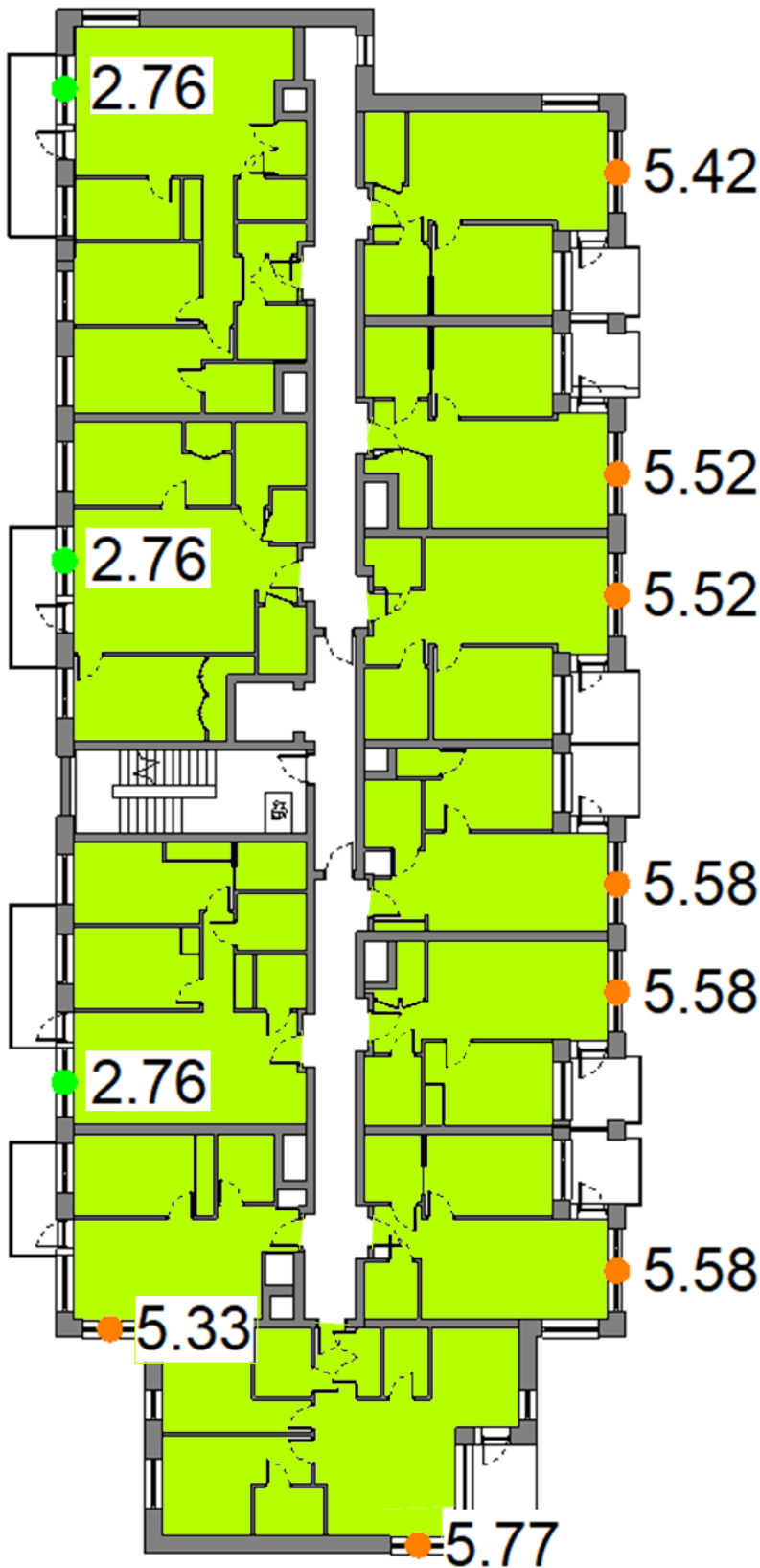
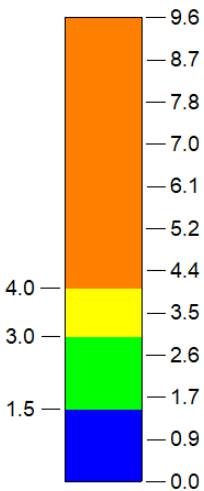


Block B – Third Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



Exposure2Sunlight



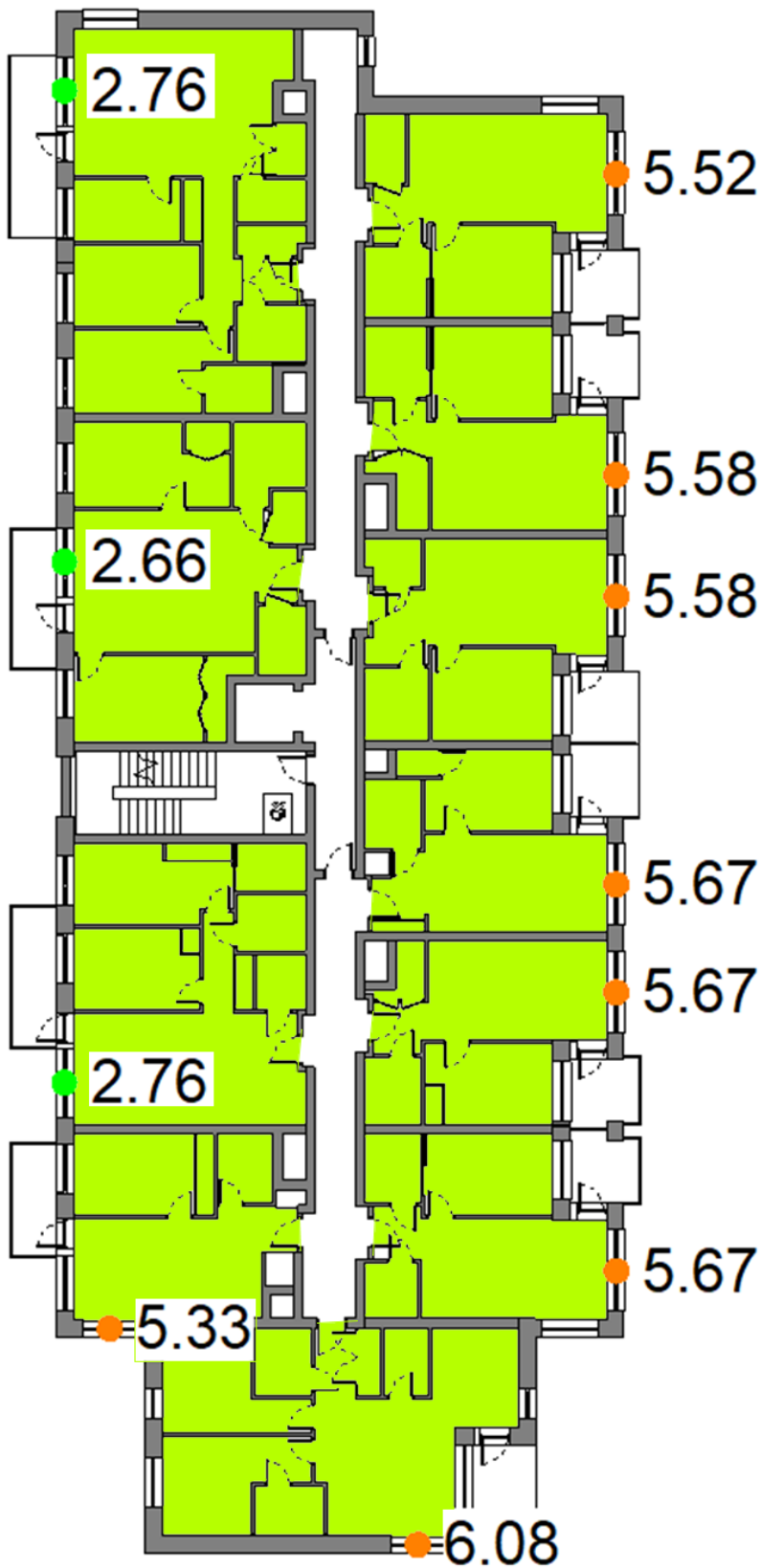
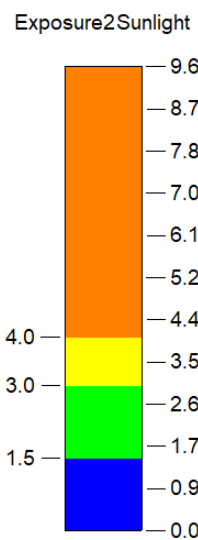
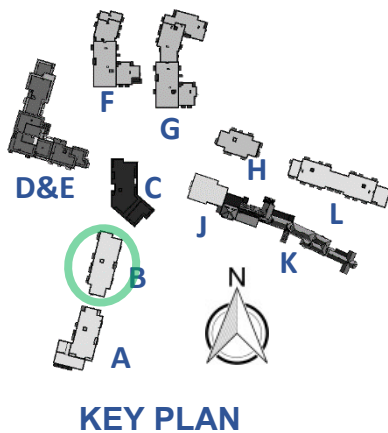
| Block B | Pass | Fail | Total |
|---------------|------|------|-------|
| Ground Floor | 9 | 0 | 9 |
| First Floor | 11 | 0 | 11 |
| Second Floor | 11 | 0 | 11 |
| Third Floor | 11 | 0 | 11 |
| Fourth Floor | 11 | 0 | 11 |
| Fifth Floor | 11 | 0 | 11 |
| Sixth Floor | 11 | 0 | 11 |
| Seventh Floor | 11 | 0 | 11 |
| Total | 86 | 0 | 86 |
| | 100% | 0% | |

Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment

Block B – Fourth Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



| Block B | Pass | Fail | Total |
|---------------|------|------|-------|
| Ground Floor | 9 | 0 | 9 |
| First Floor | 11 | 0 | 11 |
| Second Floor | 11 | 0 | 11 |
| Third Floor | 11 | 0 | 11 |
| Fourth Floor | 11 | 0 | 11 |
| Fifth Floor | 11 | 0 | 11 |
| Sixth Floor | 11 | 0 | 11 |
| Seventh Floor | 11 | 0 | 11 |
| Total | 86 | 0 | 86 |
| | 100% | 0% | |

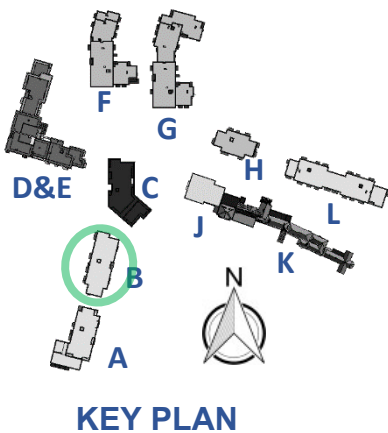
Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment

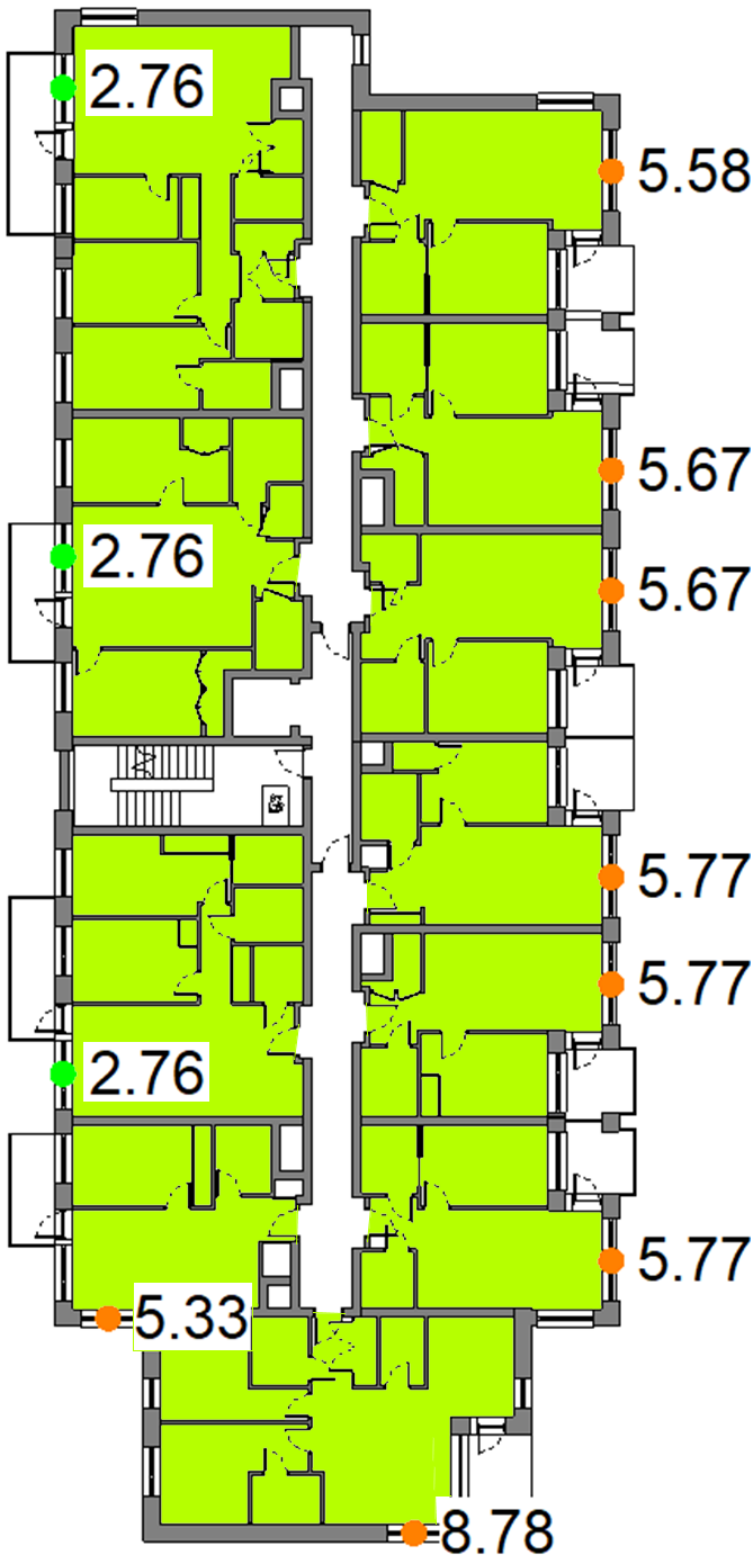
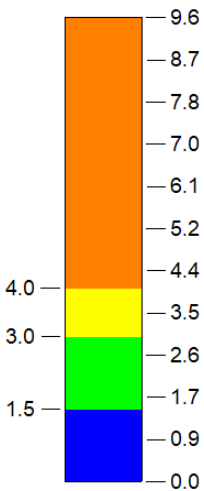


Block B – Fifth Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



Exposure2Sunlight



| Block B | Pass | Fail | Total |
|---------------|------|------|-------|
| Ground Floor | 9 | 0 | 9 |
| First Floor | 11 | 0 | 11 |
| Second Floor | 11 | 0 | 11 |
| Third Floor | 11 | 0 | 11 |
| Fourth Floor | 11 | 0 | 11 |
| Fifth Floor | 11 | 0 | 11 |
| Sixth Floor | 11 | 0 | 11 |
| Seventh Floor | 11 | 0 | 11 |
| Total | 86 | 0 | 86 |
| | 100% | 0% | |

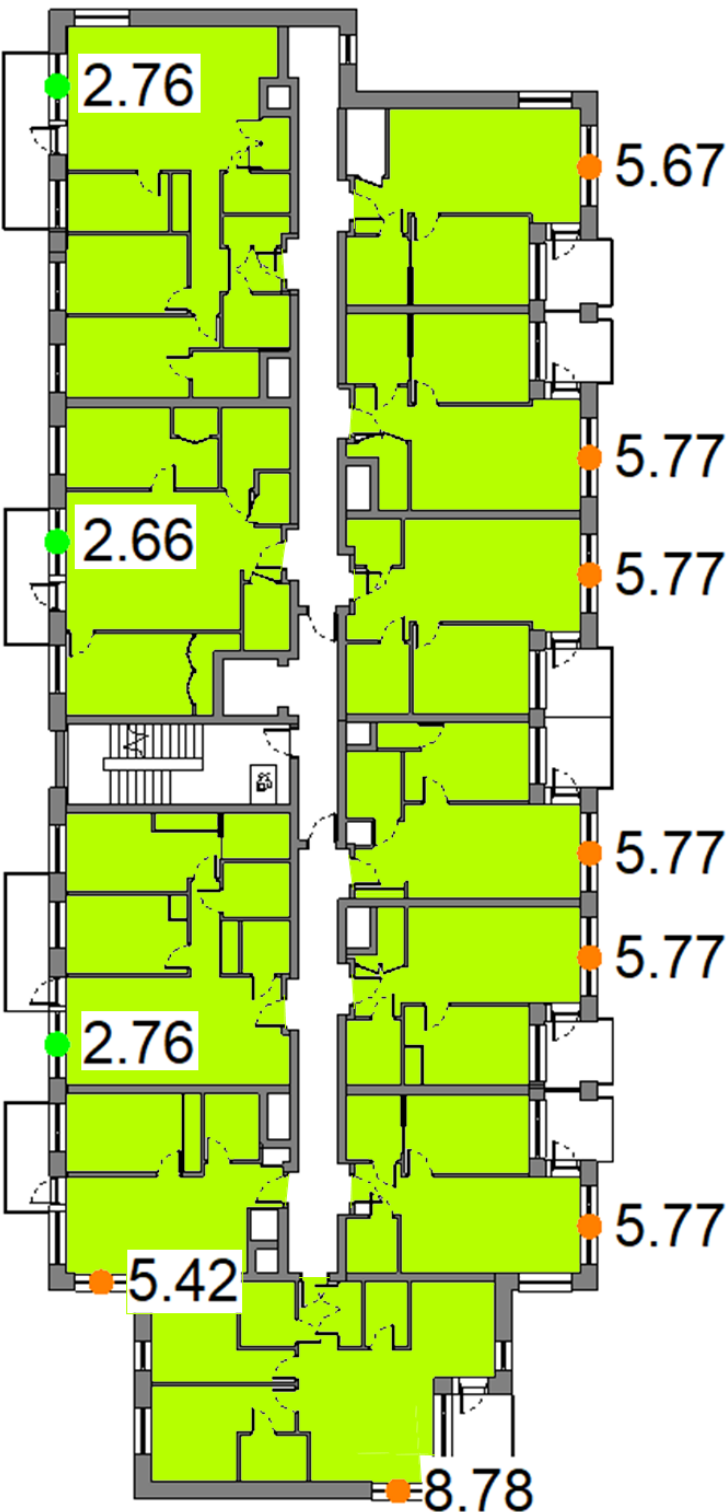
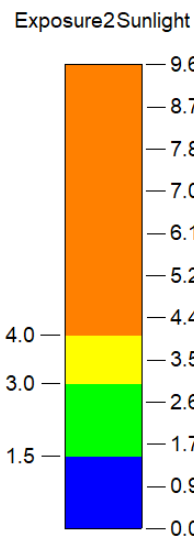
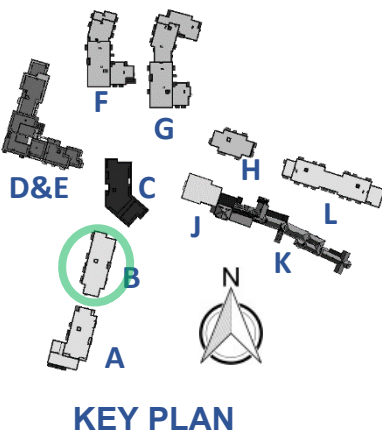
Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment



Block B – Sixth Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



| Block B | Pass | Fail | Total |
|---------------|------|------|-------|
| Ground Floor | 9 | 0 | 9 |
| First Floor | 11 | 0 | 11 |
| Second Floor | 11 | 0 | 11 |
| Third Floor | 11 | 0 | 11 |
| Fourth Floor | 11 | 0 | 11 |
| Fifth Floor | 11 | 0 | 11 |
| Sixth Floor | 11 | 0 | 11 |
| Seventh Floor | 11 | 0 | 11 |
| Total | 86 | 0 | 86 |
| | 100% | 0% | |

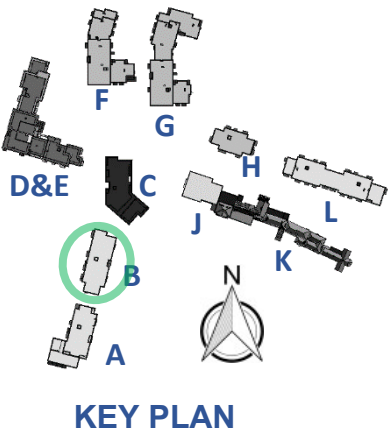
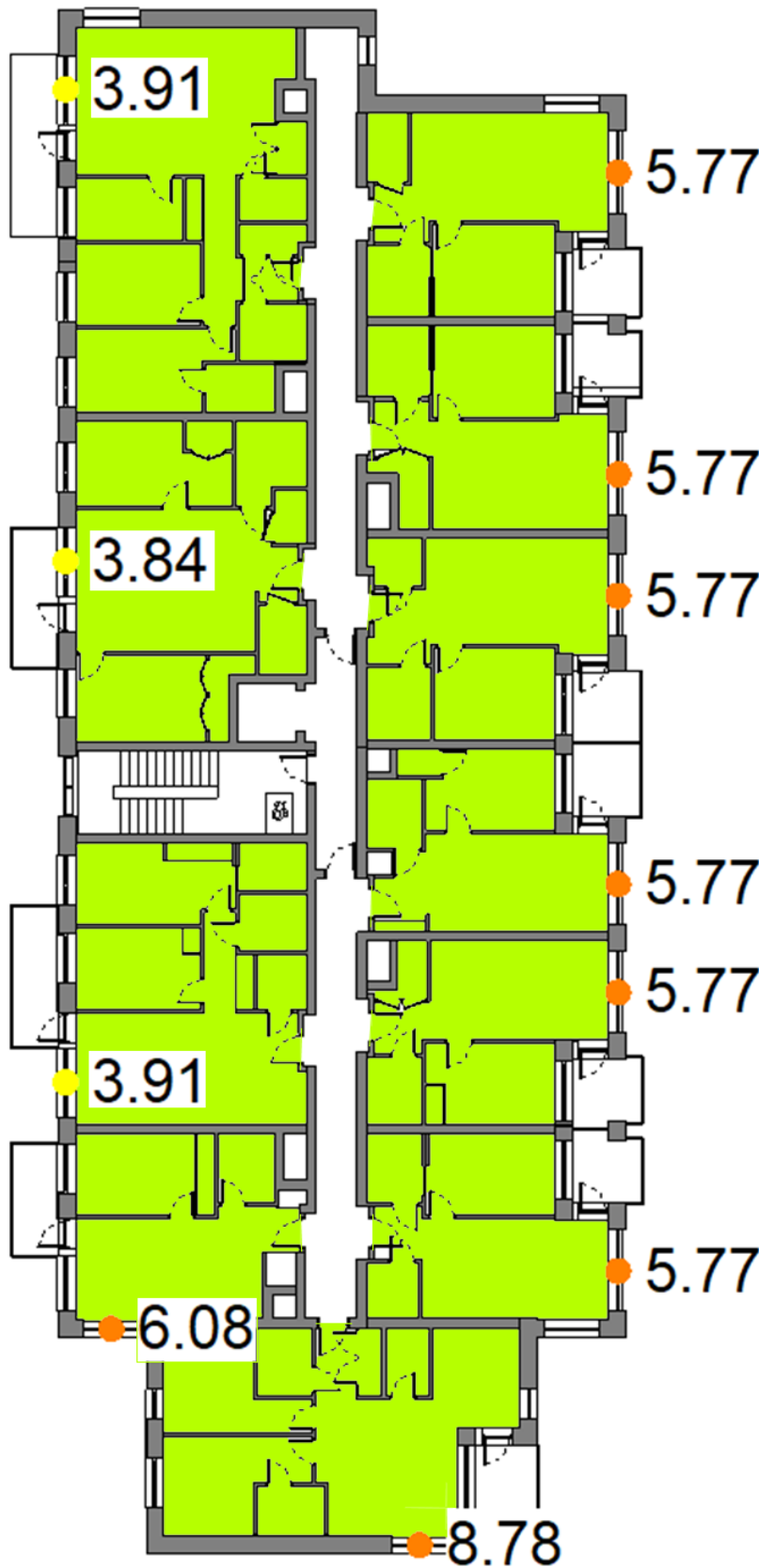
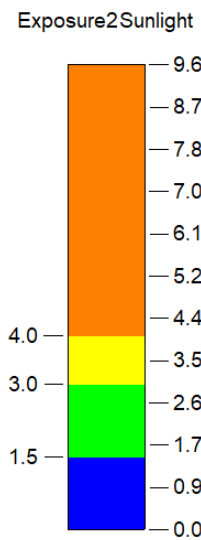
Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment



Block B – Seventh Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.

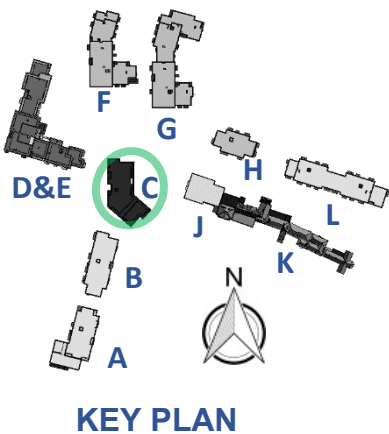


| Block B | Pass | Fail | Total |
|---------------|------|------|-------|
| Ground Floor | 9 | 0 | 9 |
| First Floor | 11 | 0 | 11 |
| Second Floor | 11 | 0 | 11 |
| Third Floor | 11 | 0 | 11 |
| Fourth Floor | 11 | 0 | 11 |
| Fifth Floor | 11 | 0 | 11 |
| Sixth Floor | 11 | 0 | 11 |
| Seventh Floor | 11 | 0 | 11 |
| Total | 86 | 0 | 86 |
| | 100% | 0% | |

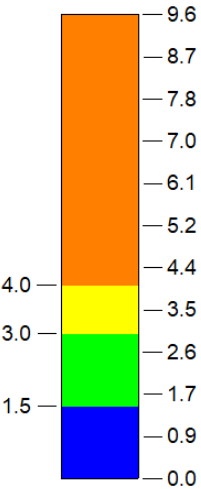
Results – Block C

Block C – Basement

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



Exposure2Sunlight



| Block C | Pass | Fail | Total |
|--------------|------|------|-------|
| Basement | 4 | 0 | 4 |
| Ground Floor | 11 | 0 | 11 |
| First Floor | 12 | 0 | 12 |
| Second Floor | 12 | 0 | 12 |
| Third Floor | 12 | 0 | 12 |
| Fourth Floor | 12 | 0 | 12 |
| Fifth Floor | 12 | 0 | 12 |
| Sixth Floor | 8 | 0 | 8 |
| Total | 83 | 0 | 83 |
| | 100% | 0% | |

Daylight and Sunlight Analysis

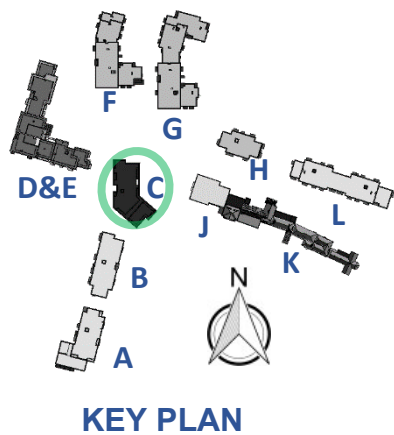
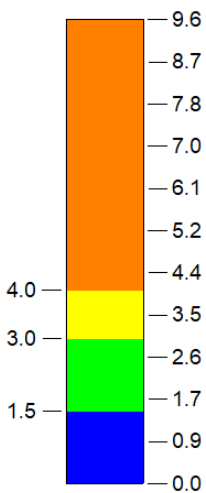
St Vincent’s Hospital Fairview Redevelopment



Block C – Ground Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.

Exposure2Sunlight



| Block C | Pass | Fail | Total |
|--------------|------|------|-------|
| Basement | 4 | 0 | 4 |
| Ground Floor | 11 | 0 | 11 |
| First Floor | 12 | 0 | 12 |
| Second Floor | 12 | 0 | 12 |
| Third Floor | 12 | 0 | 12 |
| Fourth Floor | 12 | 0 | 12 |
| Fifth Floor | 12 | 0 | 12 |
| Sixth Floor | 8 | 0 | 8 |
| Total | 83 | 0 | 83 |
| | 100% | 0% | |

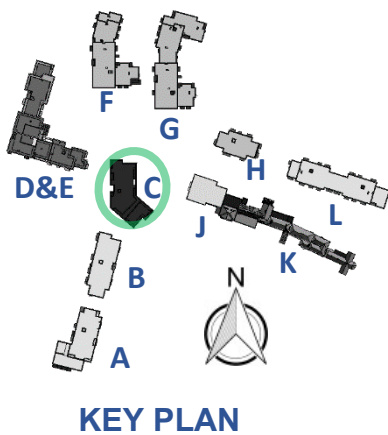
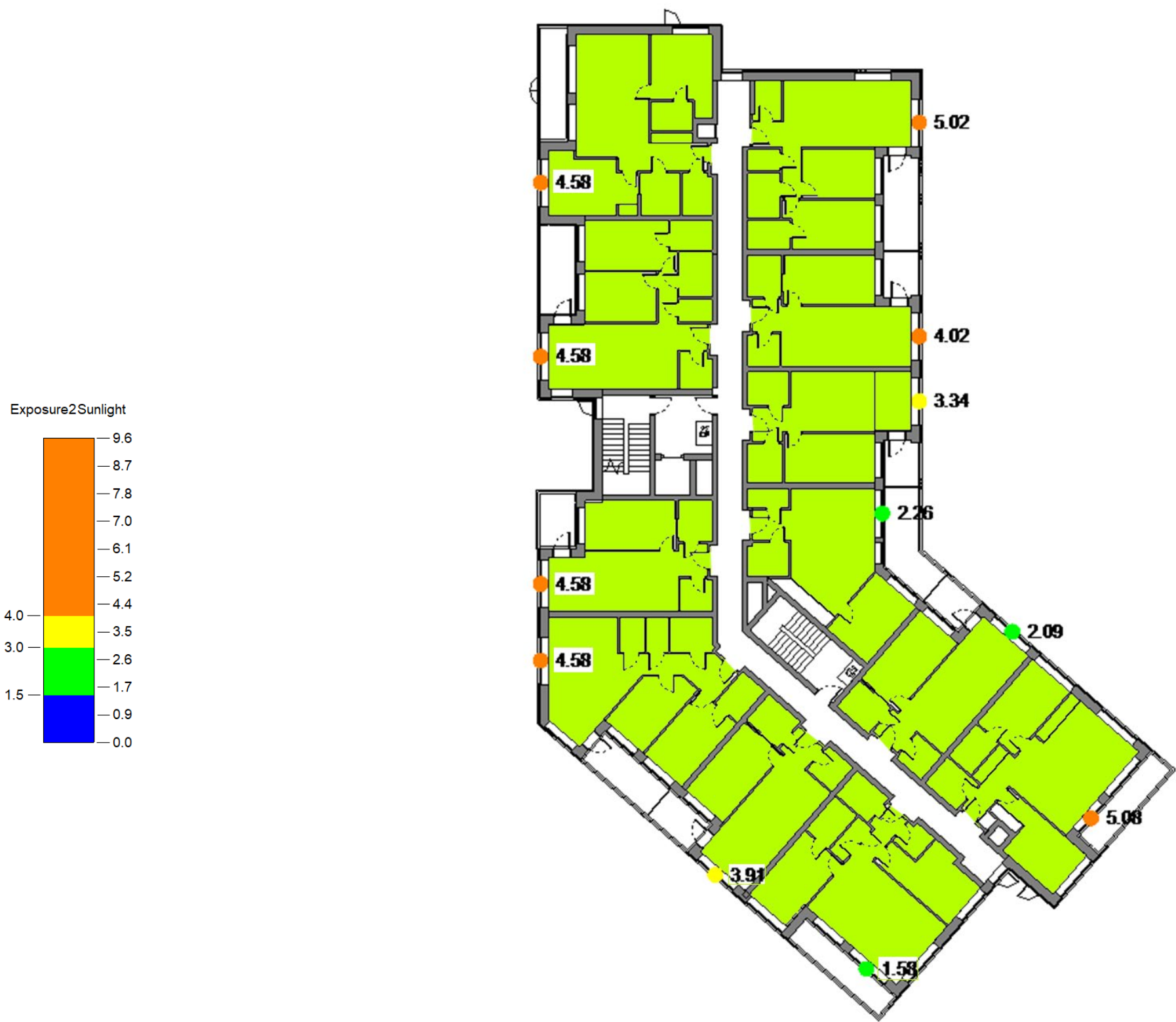
Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment



Block C – First Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



| Block C | Pass | Fail | Total |
|--------------|------|------|-------|
| Basement | 4 | 0 | 4 |
| Ground Floor | 11 | 0 | 11 |
| First Floor | 12 | 0 | 12 |
| Second Floor | 12 | 0 | 12 |
| Third Floor | 12 | 0 | 12 |
| Fourth Floor | 12 | 0 | 12 |
| Fifth Floor | 12 | 0 | 12 |
| Sixth Floor | 8 | 0 | 8 |
| Total | 83 | 0 | 83 |
| | 100% | 0% | |

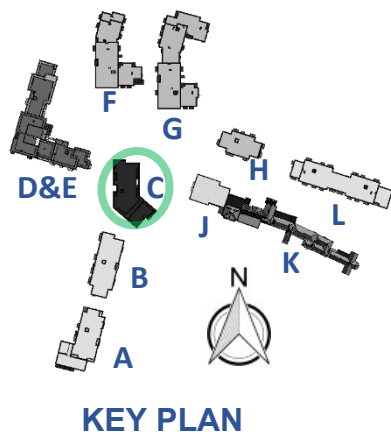
Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment



Block C – Second Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



| Block C | Pass | Fail | Total |
|--------------|------|------|-------|
| Basement | 4 | 0 | 4 |
| Ground Floor | 11 | 0 | 11 |
| First Floor | 12 | 0 | 12 |
| Second Floor | 12 | 0 | 12 |
| Third Floor | 12 | 0 | 12 |
| Fourth Floor | 12 | 0 | 12 |
| Fifth Floor | 12 | 0 | 12 |
| Sixth Floor | 8 | 0 | 8 |
| Total | 83 | 0 | 83 |
| | 100% | 0% | |

Daylight and Sunlight Analysis

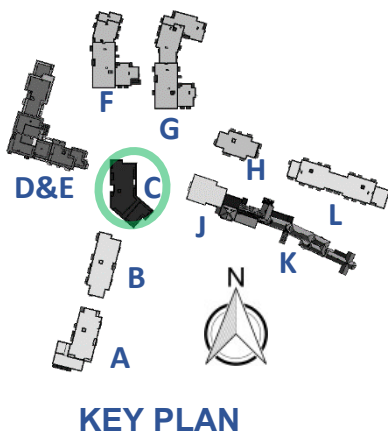
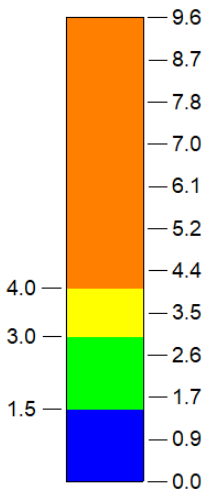
St Vincent's Hospital Fairview Redevelopment



Block C – Third Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.

Exposure2Sunlight



| Block C | Pass | Fail | Total |
|--------------|------|------|-------|
| Basement | 4 | 0 | 4 |
| Ground Floor | 11 | 0 | 11 |
| First Floor | 12 | 0 | 12 |
| Second Floor | 12 | 0 | 12 |
| Third Floor | 12 | 0 | 12 |
| Fourth Floor | 12 | 0 | 12 |
| Fifth Floor | 12 | 0 | 12 |
| Sixth Floor | 8 | 0 | 8 |
| Total | 83 | 0 | 83 |
| | 100% | 0% | |

Daylight and Sunlight Analysis

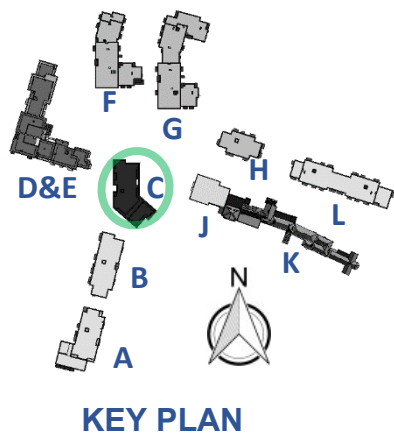
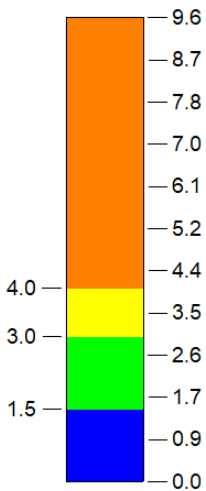
St Vincent’s Hospital Fairview Redevelopment



Block C – Fourth Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.

Exposure2Sunlight



| Block C | Pass | Fail | Total |
|--------------|------|------|-------|
| Basement | 4 | 0 | 4 |
| Ground Floor | 11 | 0 | 11 |
| First Floor | 12 | 0 | 12 |
| Second Floor | 12 | 0 | 12 |
| Third Floor | 12 | 0 | 12 |
| Fourth Floor | 12 | 0 | 12 |
| Fifth Floor | 12 | 0 | 12 |
| Sixth Floor | 8 | 0 | 8 |
| Total | 83 | 0 | 83 |
| | 100% | 0% | |

Daylight and Sunlight Analysis

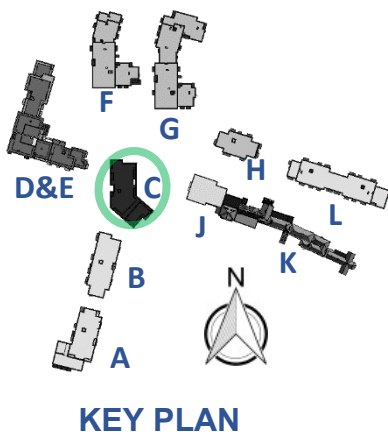
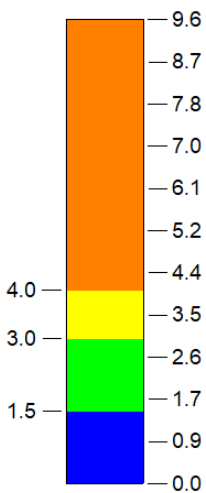
St Vincent’s Hospital Fairview Redevelopment



Block C – Fifth Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.

Exposure2Sunlight



| Block C | Pass | Fail | Total |
|--------------|------|------|-------|
| Basement | 4 | 0 | 4 |
| Ground Floor | 11 | 0 | 11 |
| First Floor | 12 | 0 | 12 |
| Second Floor | 12 | 0 | 12 |
| Third Floor | 12 | 0 | 12 |
| Fourth Floor | 12 | 0 | 12 |
| Fifth Floor | 12 | 0 | 12 |
| Sixth Floor | 8 | 0 | 8 |
| Total | 83 | 0 | 83 |
| | 100% | 0% | |

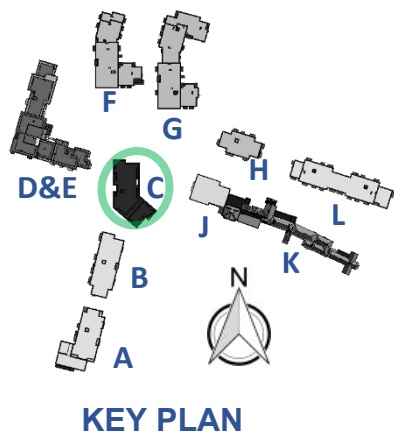
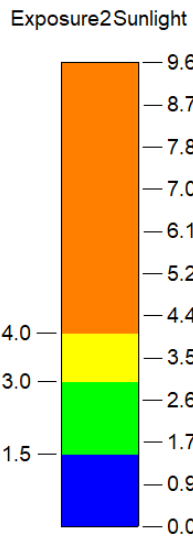
Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment



Block C – Sixth Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



| Block C | Pass | Fail | Total |
|--------------|------|------|-------|
| Basement | 4 | 0 | 4 |
| Ground Floor | 11 | 0 | 11 |
| First Floor | 12 | 0 | 12 |
| Second Floor | 12 | 0 | 12 |
| Third Floor | 12 | 0 | 12 |
| Fourth Floor | 12 | 0 | 12 |
| Fifth Floor | 12 | 0 | 12 |
| Sixth Floor | 8 | 0 | 8 |
| Total | 83 | 0 | 83 |
| | 100% | 0% | |

Results – Block DE

Block DE – Ground Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



| Block D & E | Pass | Fail | Total |
|----------------|------------|-----------|------------|
| Ground Floor | 19 | 1 | 20 |
| First Floor | 22 | 0 | 22 |
| Second Floor | 24 | 0 | 24 |
| Third Floor | 24 | 0 | 24 |
| Fourth Floor | 24 | 0 | 24 |
| Fifth Floor | 22 | 0 | 22 |
| Sixth Floor | 14 | 0 | 14 |
| Seventh Floor | 14 | 0 | 14 |
| Eighth Floor | 14 | 0 | 14 |
| Ninth Floor | 7 | 0 | 7 |
| Tenth Floor | 7 | 0 | 7 |
| Eleventh Floor | 7 | 0 | 7 |
| Total | 198 | 1 | 199 |
| | 99% | 1% | |

Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment

Block DE – Ground Floor

Sunlight Analysis as illustrated below, determined 1 unit on this block does not achieve the minimum recommendations.

The rest of the units achieve the minimum recommendations.



Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment



Block DE – First Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment

Block DE – First Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment



Block DE – Second Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment

Block DE – Second Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



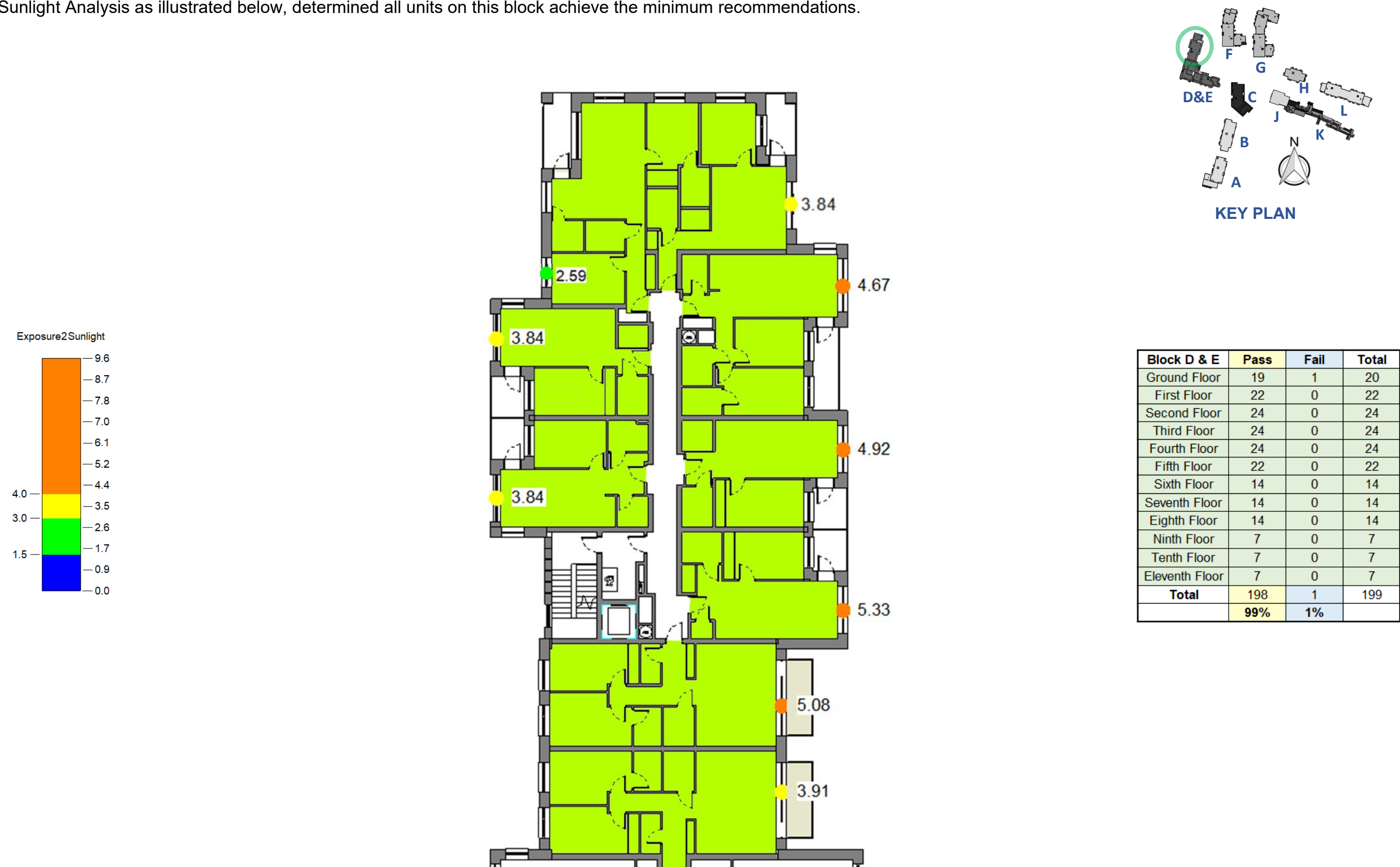
Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment



Block DE – Third Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment

Block DE – Third Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment



Block DE – Fourth Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment

Block DE – Fourth Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



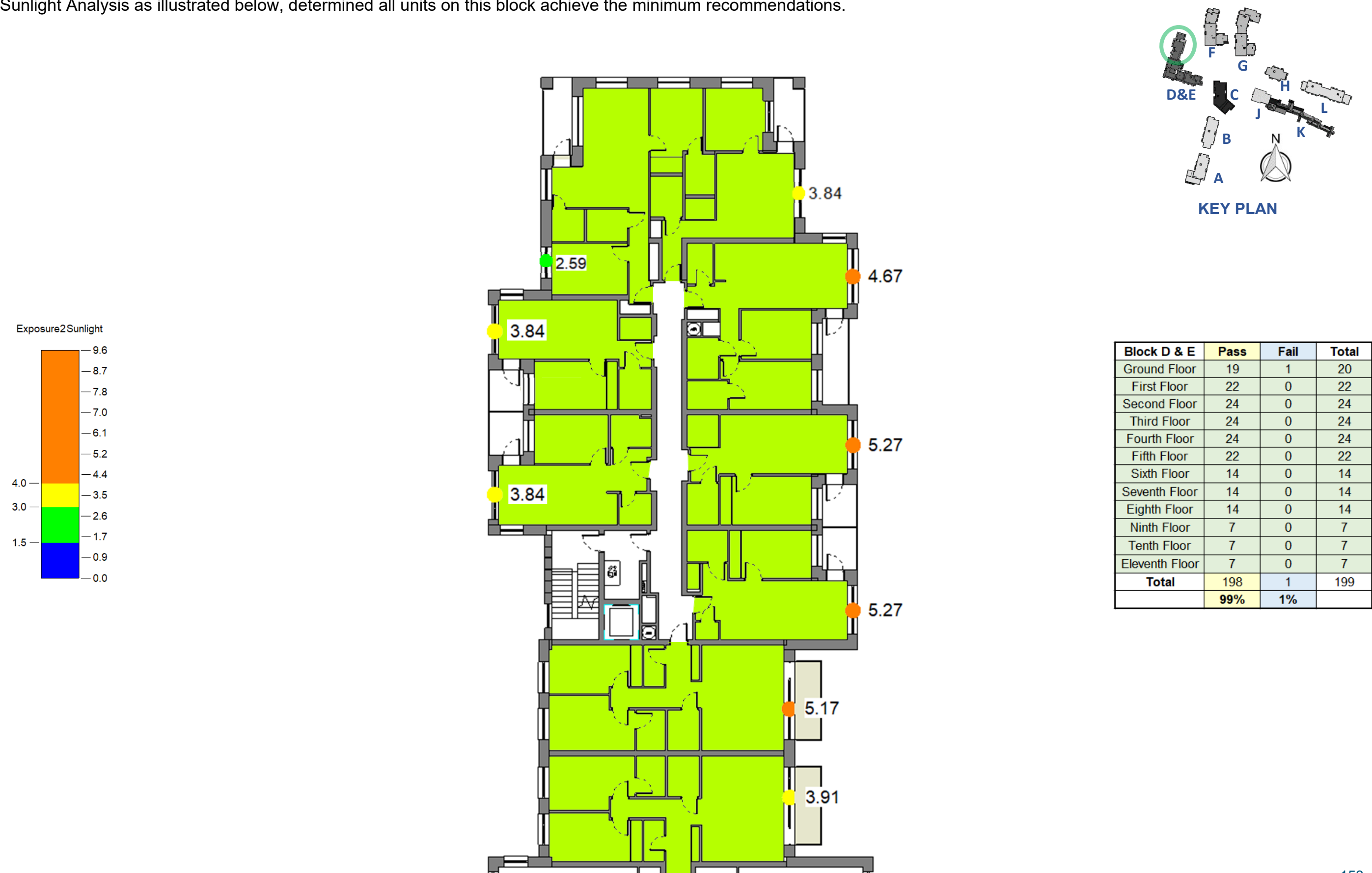
Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment



Block DE – Fifth Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment

Block DE – Fifth Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment



Block DE – Sixth Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment



Block DE - Sixth Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



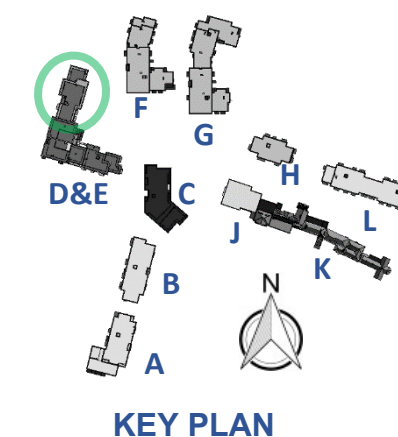
Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment



Block DE – Seventh Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



| Block D & E | Pass | Fail | Total |
|----------------|------------|-----------|------------|
| Ground Floor | 19 | 1 | 20 |
| First Floor | 22 | 0 | 22 |
| Second Floor | 24 | 0 | 24 |
| Third Floor | 24 | 0 | 24 |
| Fourth Floor | 24 | 0 | 24 |
| Fifth Floor | 22 | 0 | 22 |
| Sixth Floor | 14 | 0 | 14 |
| Seventh Floor | 14 | 0 | 14 |
| Eighth Floor | 14 | 0 | 14 |
| Ninth Floor | 7 | 0 | 7 |
| Tenth Floor | 7 | 0 | 7 |
| Eleventh Floor | 7 | 0 | 7 |
| Total | 198 | 1 | 199 |
| | 99% | 1% | |

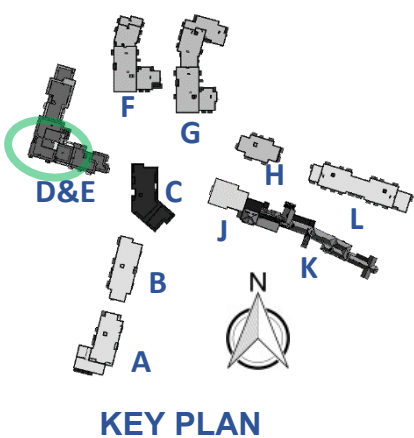
Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment



Block DE – Seventh Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



| Block D & E | Pass | Fail | Total |
|----------------|------|------|-------|
| Ground Floor | 19 | 1 | 20 |
| First Floor | 22 | 0 | 22 |
| Second Floor | 24 | 0 | 24 |
| Third Floor | 24 | 0 | 24 |
| Fourth Floor | 24 | 0 | 24 |
| Fifth Floor | 22 | 0 | 22 |
| Sixth Floor | 14 | 0 | 14 |
| Seventh Floor | 14 | 0 | 14 |
| Eighth Floor | 14 | 0 | 14 |
| Ninth Floor | 7 | 0 | 7 |
| Tenth Floor | 7 | 0 | 7 |
| Eleventh Floor | 7 | 0 | 7 |
| Total | 198 | 1 | 199 |
| | 99% | 1% | |

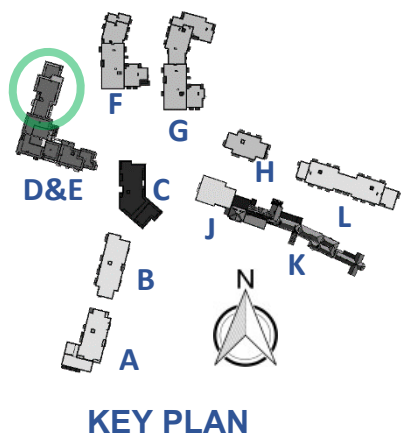
Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment



Block DE – Eighth Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



| Block D & E | Pass | Fail | Total |
|----------------|------|------|-------|
| Ground Floor | 19 | 1 | 20 |
| First Floor | 22 | 0 | 22 |
| Second Floor | 24 | 0 | 24 |
| Third Floor | 24 | 0 | 24 |
| Fourth Floor | 24 | 0 | 24 |
| Fifth Floor | 22 | 0 | 22 |
| Sixth Floor | 14 | 0 | 14 |
| Seventh Floor | 14 | 0 | 14 |
| Eighth Floor | 14 | 0 | 14 |
| Ninth Floor | 7 | 0 | 7 |
| Tenth Floor | 7 | 0 | 7 |
| Eleventh Floor | 7 | 0 | 7 |
| Total | 198 | 1 | 199 |
| | 99% | 1% | |

Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment



Block DE – Eighth Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.

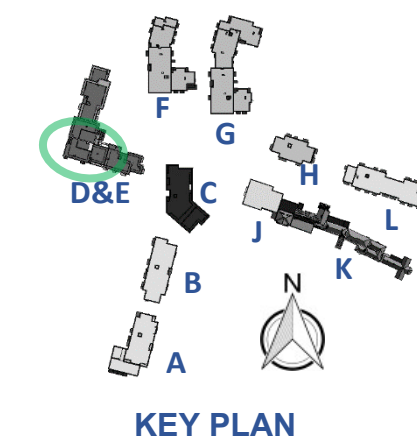


Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment

Block DE – Ninth Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



| Block D & E | Pass | Fail | Total |
|----------------|------------|-----------|------------|
| Ground Floor | 19 | 1 | 20 |
| First Floor | 22 | 0 | 22 |
| Second Floor | 24 | 0 | 24 |
| Third Floor | 24 | 0 | 24 |
| Fourth Floor | 24 | 0 | 24 |
| Fifth Floor | 22 | 0 | 22 |
| Sixth Floor | 14 | 0 | 14 |
| Seventh Floor | 14 | 0 | 14 |
| Eighth Floor | 14 | 0 | 14 |
| Ninth Floor | 7 | 0 | 7 |
| Tenth Floor | 7 | 0 | 7 |
| Eleventh Floor | 7 | 0 | 7 |
| Total | 198 | 1 | 199 |
| | 99% | 1% | |

Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment



Block DE – Tenth Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



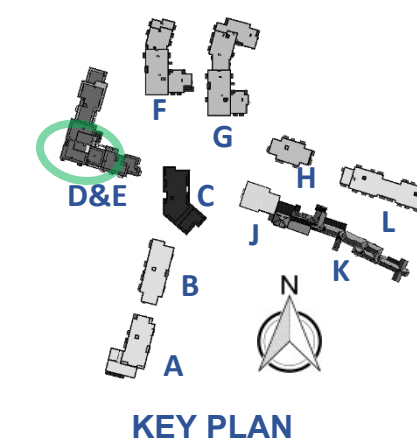
Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment



Block DE – Eleventh Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



| Block D & E | Pass | Fail | Total |
|----------------|------------|-----------|------------|
| Ground Floor | 19 | 1 | 20 |
| First Floor | 22 | 0 | 22 |
| Second Floor | 24 | 0 | 24 |
| Third Floor | 24 | 0 | 24 |
| Fourth Floor | 24 | 0 | 24 |
| Fifth Floor | 22 | 0 | 22 |
| Sixth Floor | 14 | 0 | 14 |
| Seventh Floor | 14 | 0 | 14 |
| Eighth Floor | 14 | 0 | 14 |
| Ninth Floor | 7 | 0 | 7 |
| Tenth Floor | 7 | 0 | 7 |
| Eleventh Floor | 7 | 0 | 7 |
| Total | 198 | 1 | 199 |
| | 99% | 1% | |

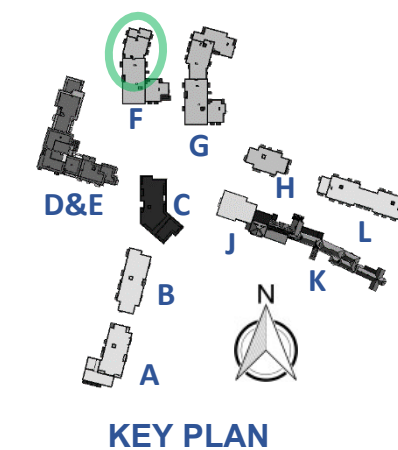
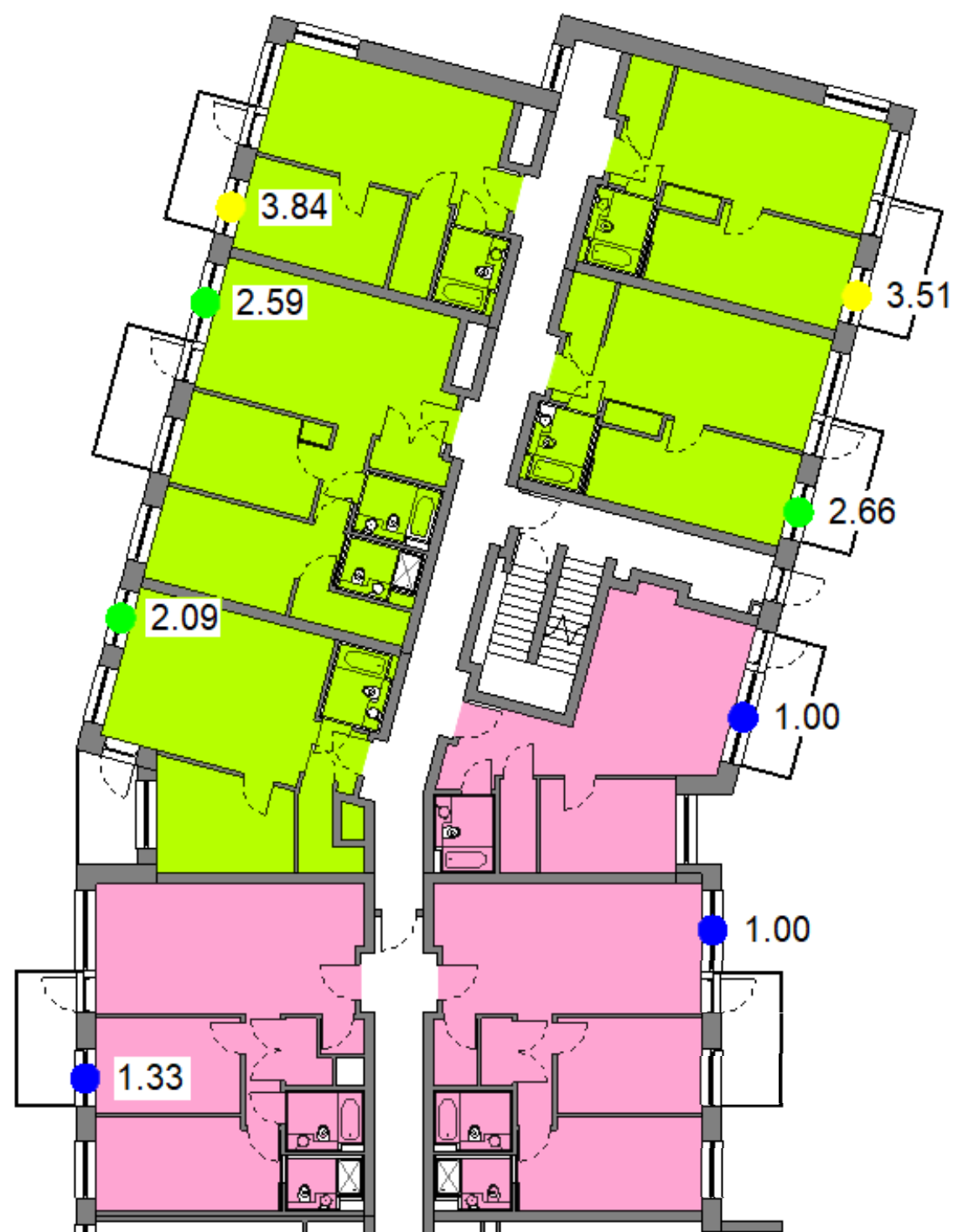
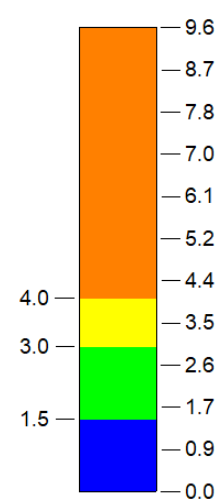
Results – Block F

Block F – Ground Floor

Sunlight Analysis as illustrated below, determined 3 units on this block do not achieve the minimum recommendations.

The rest of the units achieve the minimum recommendations.

Exposure2Sunlight



| Block F | Pass | Fail | Total |
|---------------|------------|------------|------------|
| Ground Floor | 8 | 6 | 14 |
| First Floor | 12 | 5 | 17 |
| Second Floor | 14 | 3 | 17 |
| Third Floor | 14 | 3 | 17 |
| Fourth Floor | 13 | 2 | 15 |
| Fifth Floor | 12 | 2 | 14 |
| Sixth Floor | 9 | 1 | 10 |
| Seventh Floor | 7 | 0 | 7 |
| Eighth Floor | 7 | 0 | 7 |
| Total | 96 | 22 | 118 |
| | 81% | 19% | |

Daylight and Sunlight Analysis

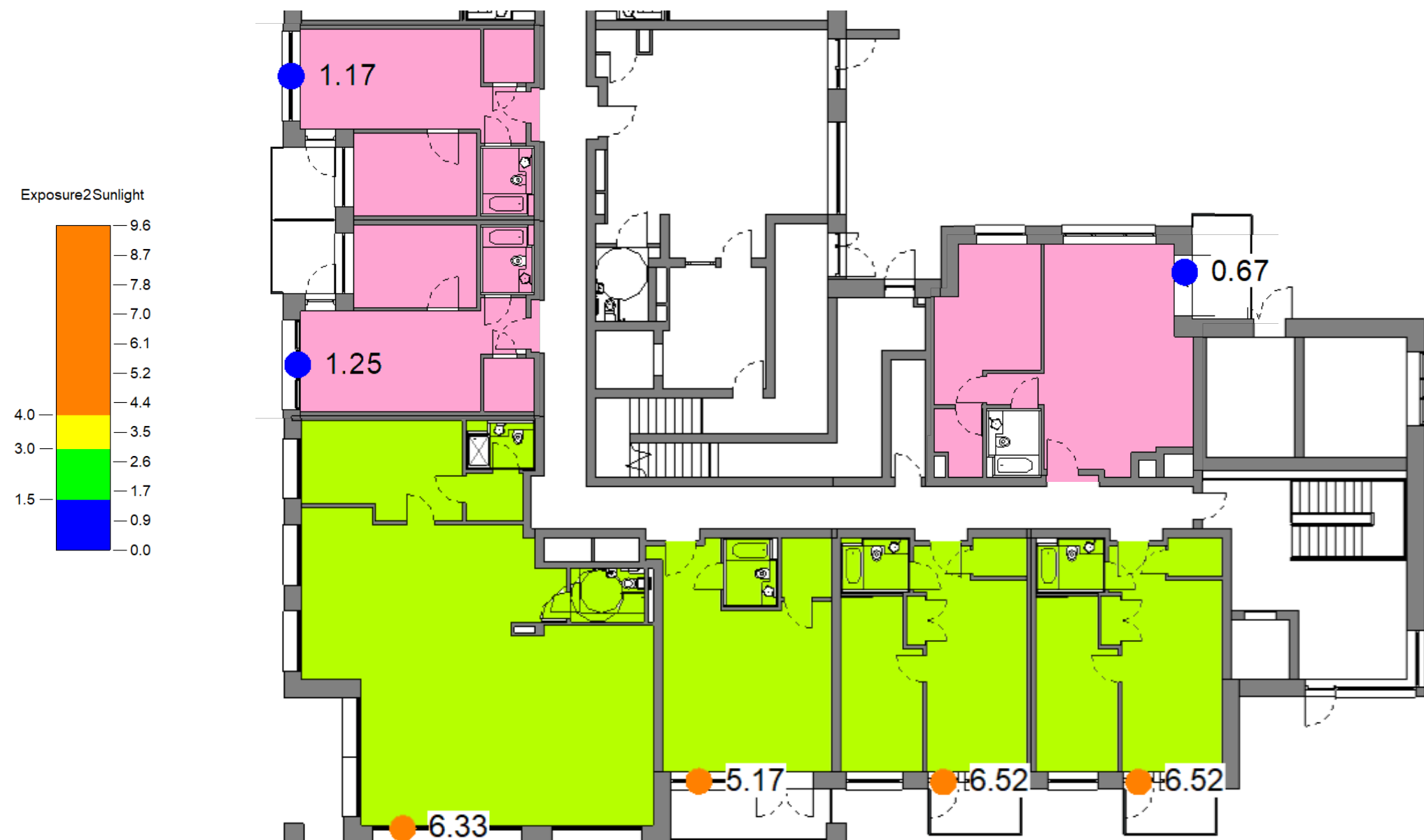
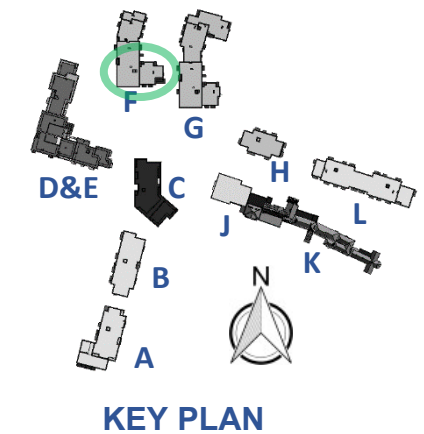
St Vincent's Hospital Fairview Redevelopment



Block F – Ground Floor

Sunlight Analysis as illustrated below, determined 2 units on this block do not achieve the minimum recommendations.

The rest of the units achieve the minimum recommendations.



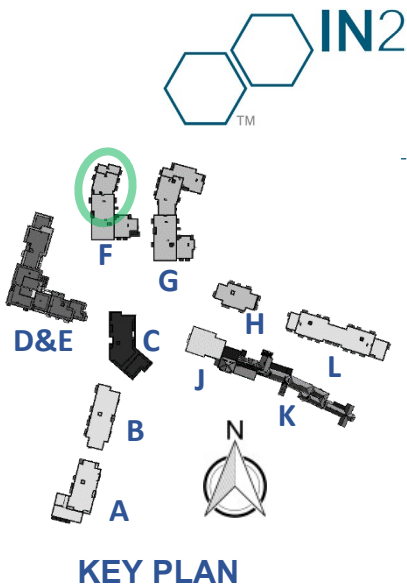
| Block F | Pass | Fail | Total |
|---------------|------------|------------|------------|
| Ground Floor | 8 | 6 | 14 |
| First Floor | 12 | 5 | 17 |
| Second Floor | 14 | 3 | 17 |
| Third Floor | 14 | 3 | 17 |
| Fourth Floor | 13 | 2 | 15 |
| Fifth Floor | 12 | 2 | 14 |
| Sixth Floor | 9 | 1 | 10 |
| Seventh Floor | 7 | 0 | 7 |
| Eighth Floor | 7 | 0 | 7 |
| Total | 96 | 22 | 118 |
| | 81% | 19% | |

Daylight and Sunlight Analysis

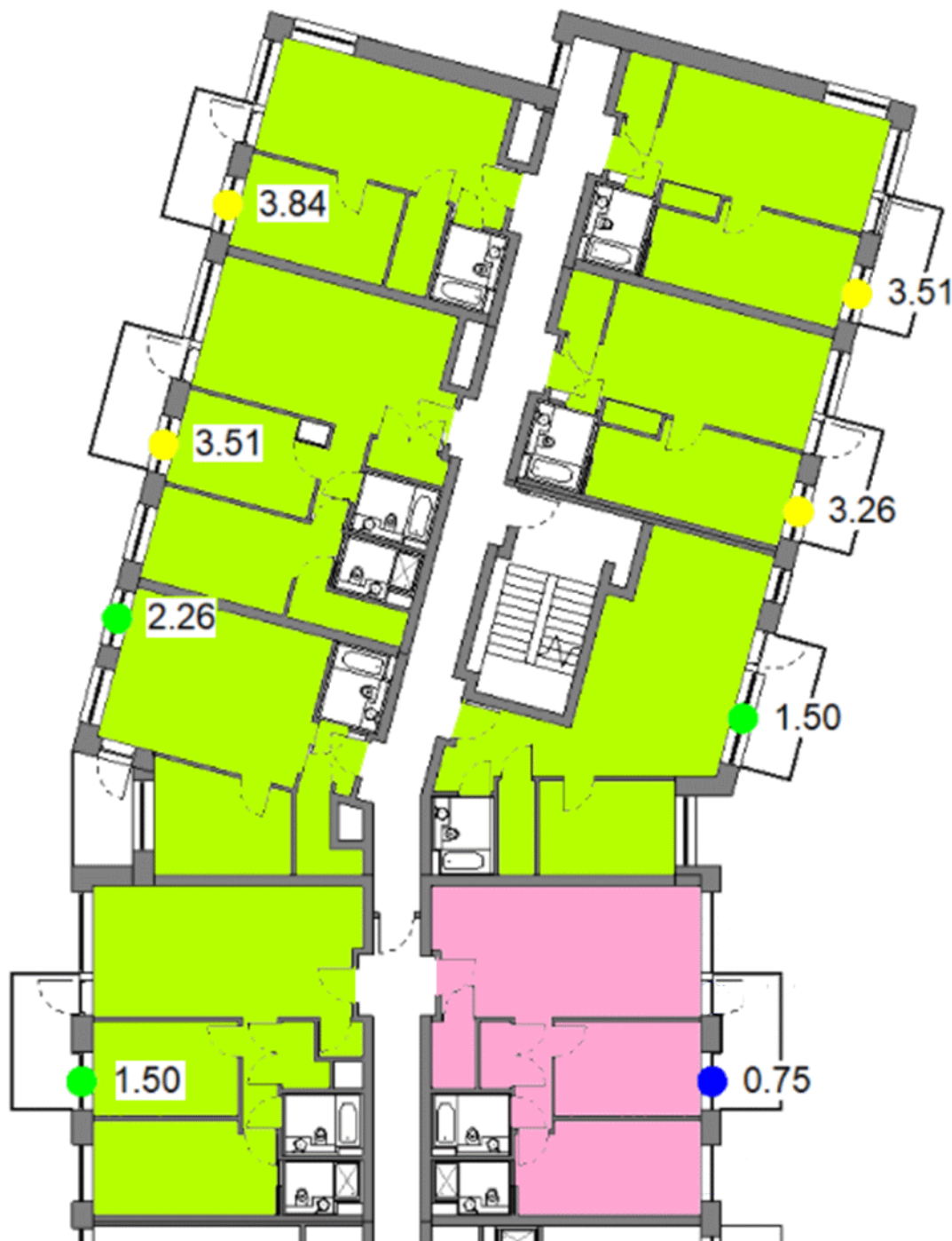
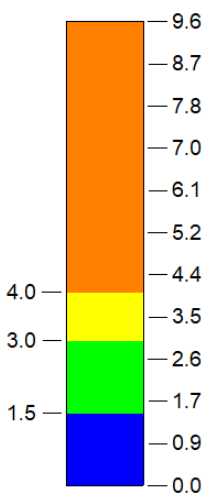
St Vincent’s Hospital Fairview Redevelopment

Block F – First Floor

Sunlight Analysis as illustrated below, determined 1 unit on this block does not achieve the minimum recommendations.
The rest of the units achieve the minimum recommendations.



Exposure2Sunlight



| Block F | Pass | Fail | Total |
|---------------|------|------|-------|
| Ground Floor | 8 | 6 | 14 |
| First Floor | 12 | 5 | 17 |
| Second Floor | 14 | 3 | 17 |
| Third Floor | 14 | 3 | 17 |
| Fourth Floor | 13 | 2 | 15 |
| Fifth Floor | 12 | 2 | 14 |
| Sixth Floor | 9 | 1 | 10 |
| Seventh Floor | 7 | 0 | 7 |
| Eighth Floor | 7 | 0 | 7 |
| Total | 96 | 22 | 118 |
| | 81% | 19% | |

Daylight and Sunlight Analysis

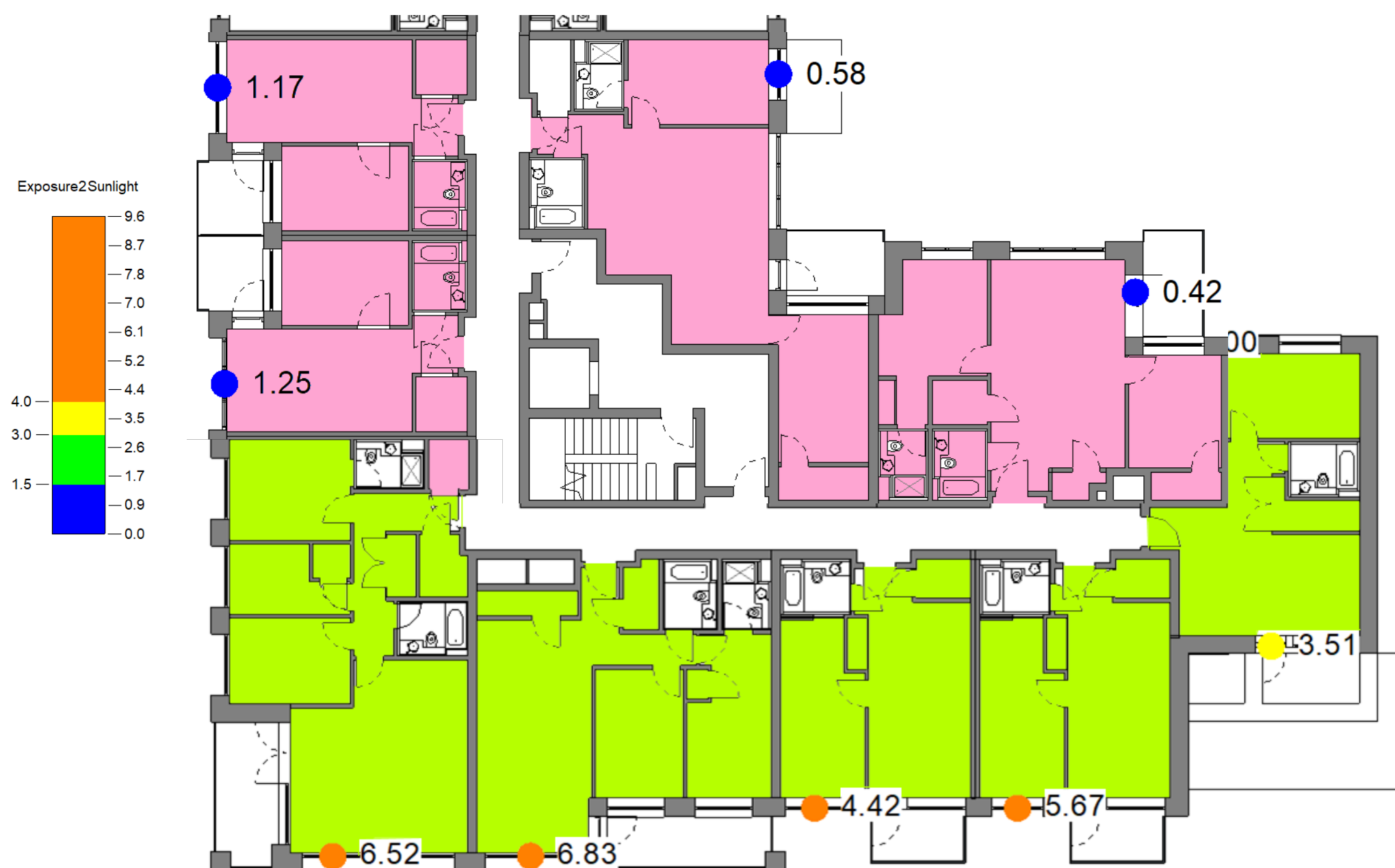
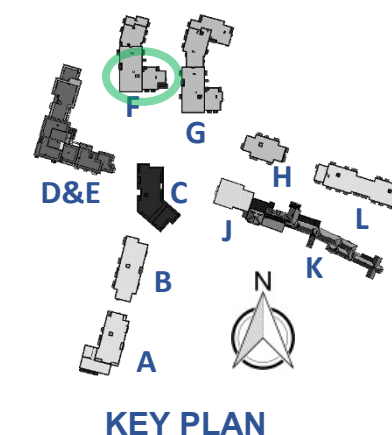
St Vincent's Hospital Fairview Redevelopment



Block F – First Floor

Sunlight Analysis as illustrated below, determined 4 units on this block do not achieve the minimum recommendations.

The rest of the units achieve the minimum recommendations.



| Block F | Pass | Fail | Total |
|---------------|------------|------------|------------|
| Ground Floor | 8 | 6 | 14 |
| First Floor | 12 | 5 | 17 |
| Second Floor | 14 | 3 | 17 |
| Third Floor | 14 | 3 | 17 |
| Fourth Floor | 13 | 2 | 15 |
| Fifth Floor | 12 | 2 | 14 |
| Sixth Floor | 9 | 1 | 10 |
| Seventh Floor | 7 | 0 | 7 |
| Eighth Floor | 7 | 0 | 7 |
| Total | 96 | 22 | 118 |
| | 81% | 19% | |

Daylight and Sunlight Analysis

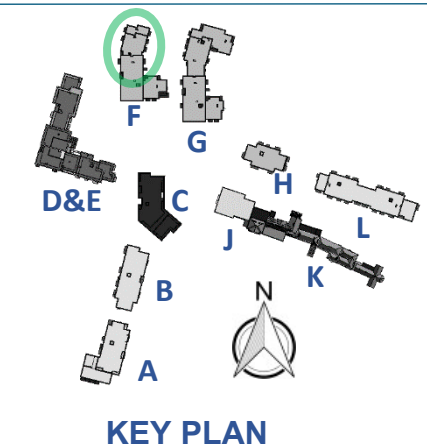
St Vincent's Hospital Fairview Redevelopment



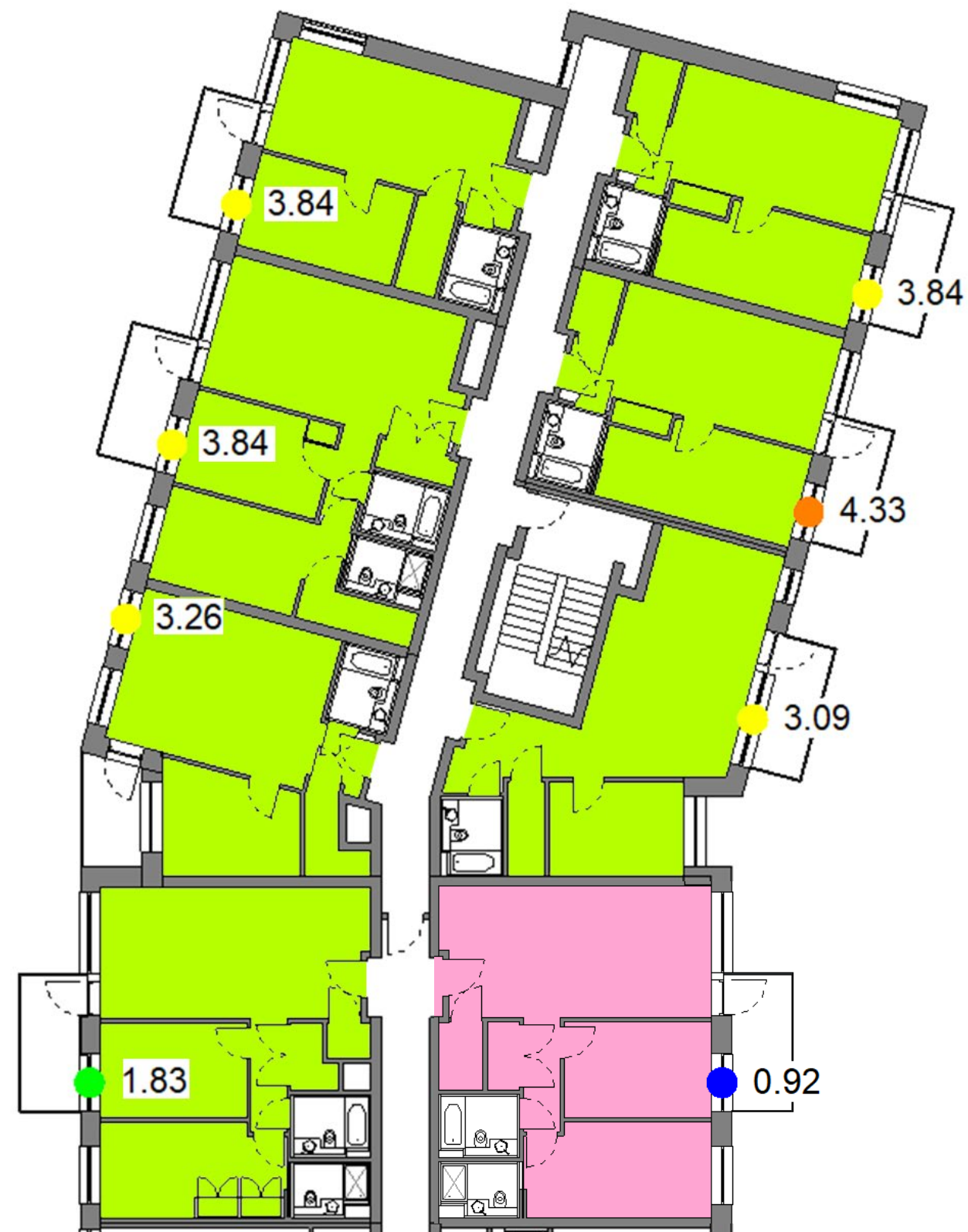
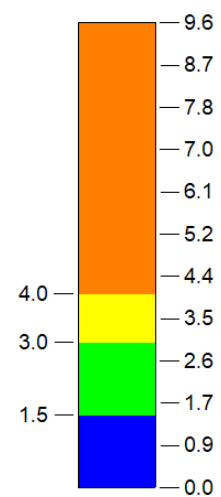
Block F – Second Floor

Sunlight Analysis as illustrated below, determined 1 unit on this block does not achieve the minimum recommendations.

The rest of the units achieve the minimum recommendations.



Exposure2Sunlight



| Block F | Pass | Fail | Total |
|---------------|------------|------------|------------|
| Ground Floor | 8 | 6 | 14 |
| First Floor | 12 | 5 | 17 |
| Second Floor | 14 | 3 | 17 |
| Third Floor | 14 | 3 | 17 |
| Fourth Floor | 13 | 2 | 15 |
| Fifth Floor | 12 | 2 | 14 |
| Sixth Floor | 9 | 1 | 10 |
| Seventh Floor | 7 | 0 | 7 |
| Eighth Floor | 7 | 0 | 7 |
| Total | 96 | 22 | 118 |
| | 81% | 19% | |

Daylight and Sunlight Analysis

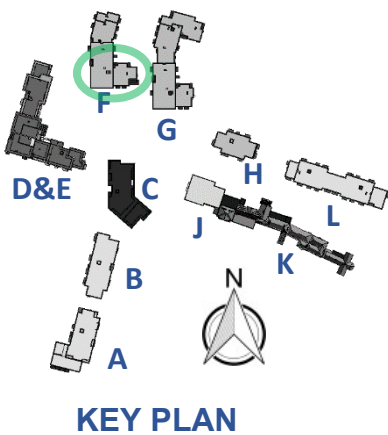
St Vincent’s Hospital Fairview Redevelopment



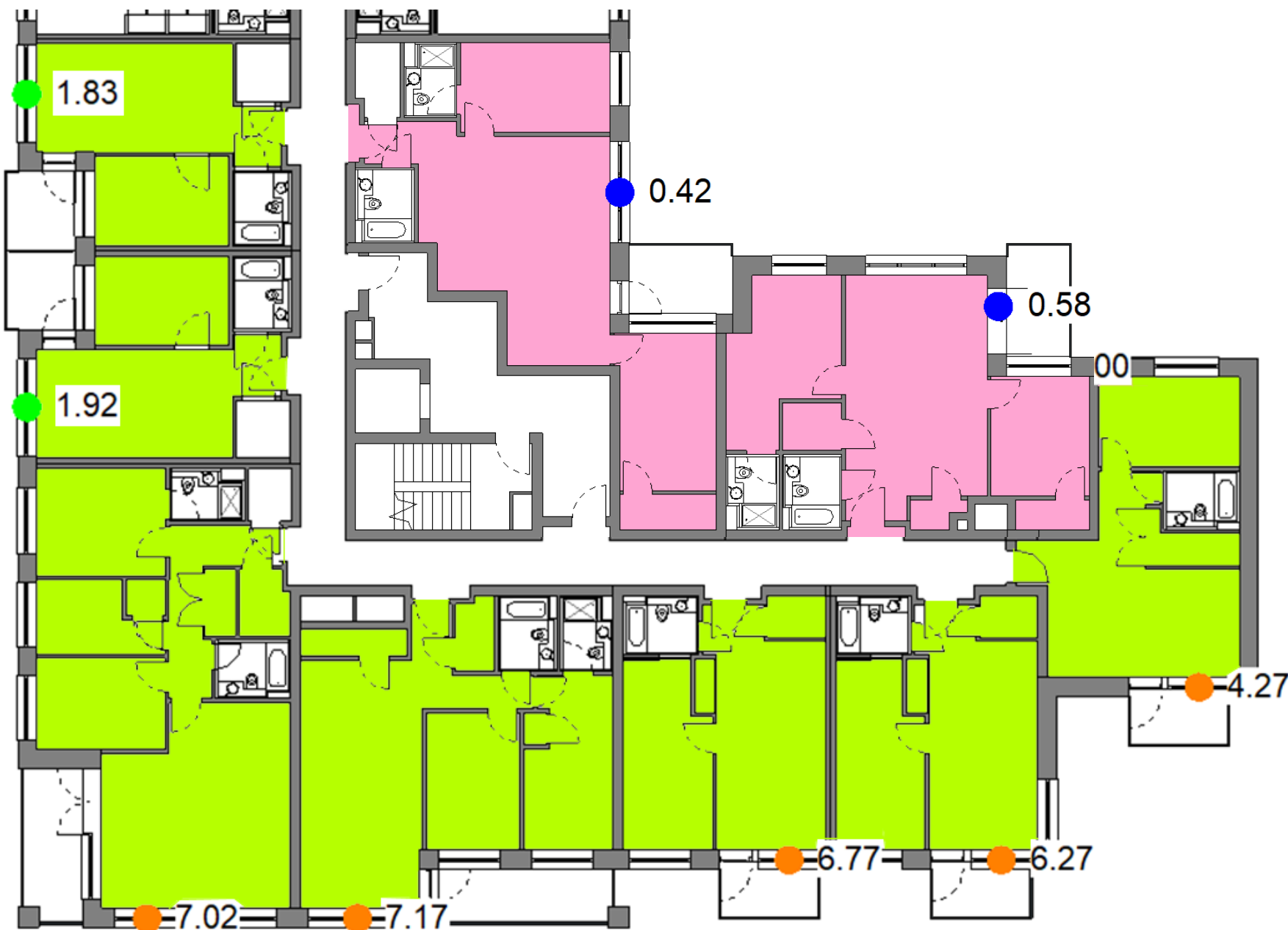
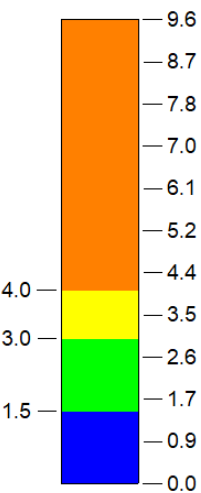
Block F – Second Floor

Sunlight Analysis as illustrated below, determined 2 units on this block do not achieve the minimum recommendations.

The rest of the units achieve the minimum recommendations.



Exposure2Sunlight



| Block F | Pass | Fail | Total |
|---------------|------|------|-------|
| Ground Floor | 8 | 6 | 14 |
| First Floor | 12 | 5 | 17 |
| Second Floor | 14 | 3 | 17 |
| Third Floor | 14 | 3 | 17 |
| Fourth Floor | 13 | 2 | 15 |
| Fifth Floor | 12 | 2 | 14 |
| Sixth Floor | 9 | 1 | 10 |
| Seventh Floor | 7 | 0 | 7 |
| Eighth Floor | 7 | 0 | 7 |
| Total | 96 | 22 | 118 |
| | 81% | 19% | |

Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment

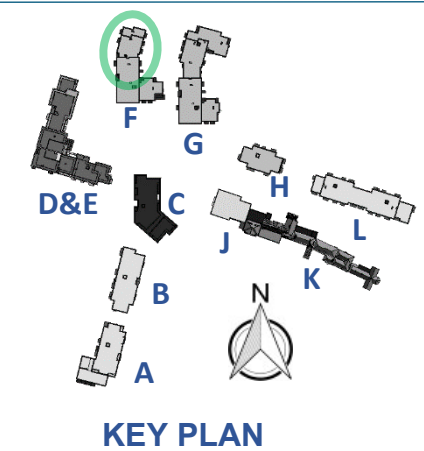
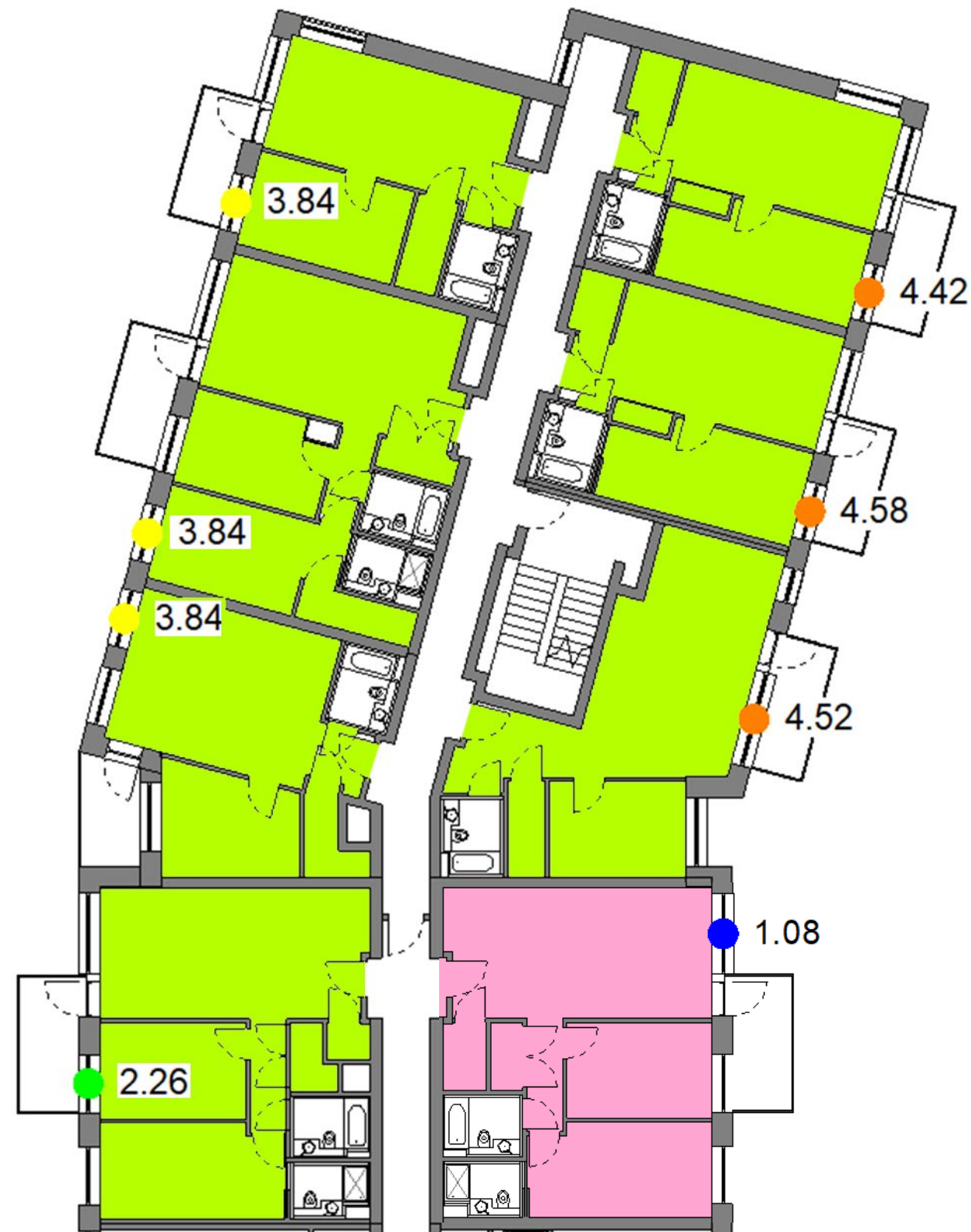
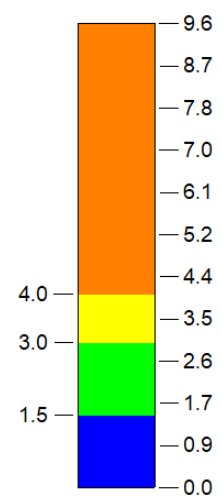


Block F – Third Floor

Sunlight Analysis as illustrated below, determined 1 unit on this block does not achieve the minimum recommendations.

The rest of the units achieve the minimum recommendations.

Exposure2Sunlight



| Block F | Pass | Fail | Total |
|---------------|------------|------------|------------|
| Ground Floor | 8 | 6 | 14 |
| First Floor | 12 | 5 | 17 |
| Second Floor | 14 | 3 | 17 |
| Third Floor | 14 | 3 | 17 |
| Fourth Floor | 13 | 2 | 15 |
| Fifth Floor | 12 | 2 | 14 |
| Sixth Floor | 9 | 1 | 10 |
| Seventh Floor | 7 | 0 | 7 |
| Eighth Floor | 7 | 0 | 7 |
| Total | 96 | 22 | 118 |
| | 81% | 19% | |

Daylight and Sunlight Analysis

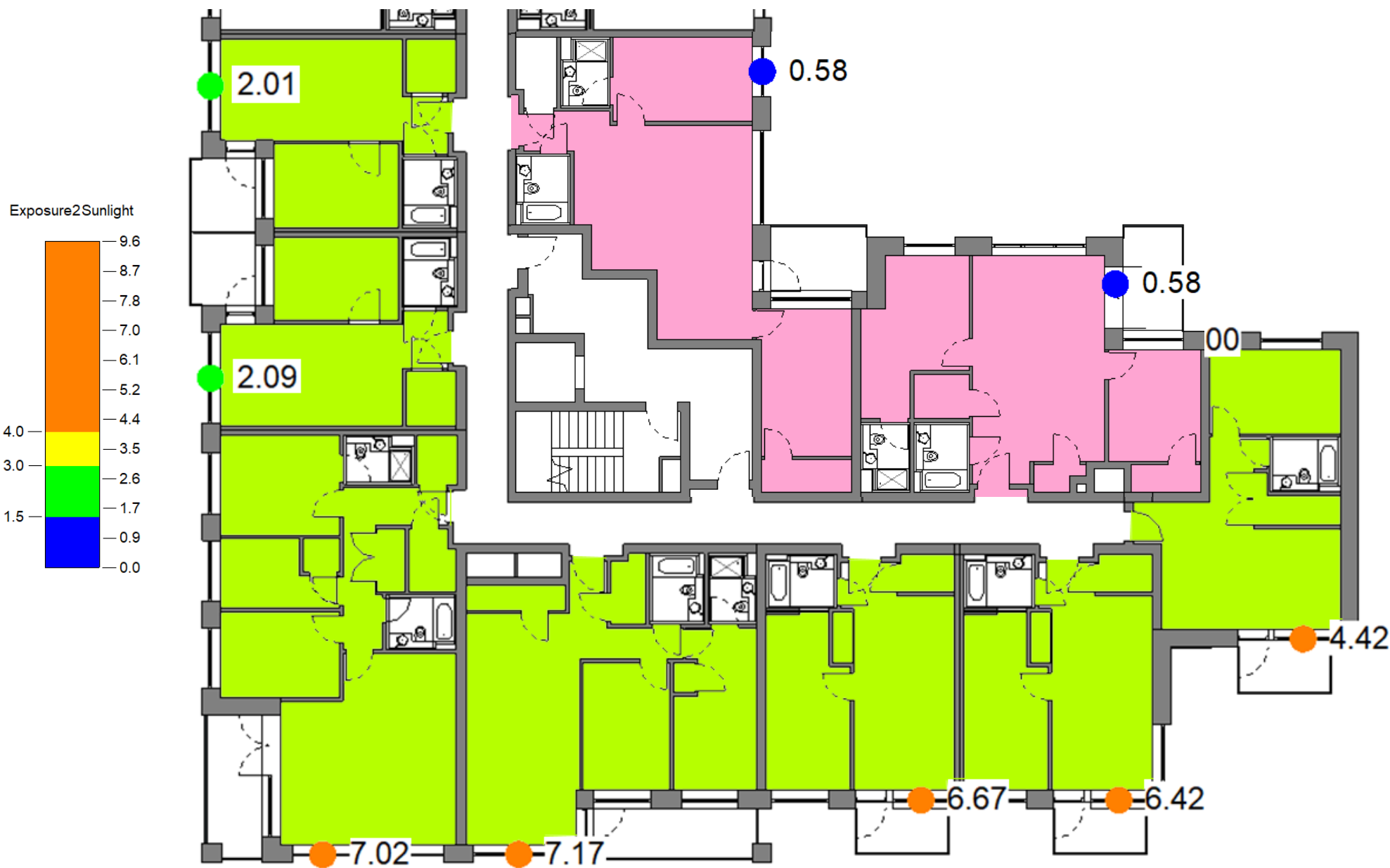
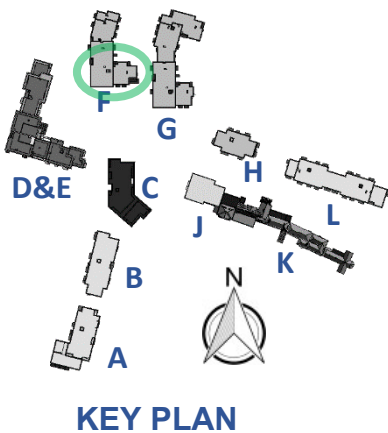
St Vincent’s Hospital Fairview Redevelopment



Block F – Third Floor

Sunlight Analysis as illustrated below, determined 2 units on this block do not achieve the minimum recommendations.

The rest of the units achieve the minimum recommendations.



| Block F | Pass | Fail | Total |
|---------------|------------|------------|------------|
| Ground Floor | 8 | 6 | 14 |
| First Floor | 12 | 5 | 17 |
| Second Floor | 14 | 3 | 17 |
| Third Floor | 14 | 3 | 17 |
| Fourth Floor | 13 | 2 | 15 |
| Fifth Floor | 12 | 2 | 14 |
| Sixth Floor | 9 | 1 | 10 |
| Seventh Floor | 7 | 0 | 7 |
| Eighth Floor | 7 | 0 | 7 |
| Total | 96 | 22 | 118 |
| | 81% | 19% | |

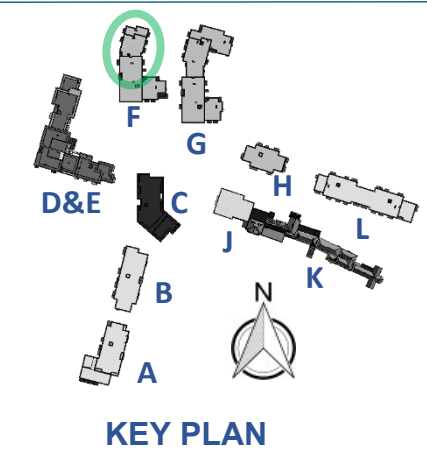
Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment

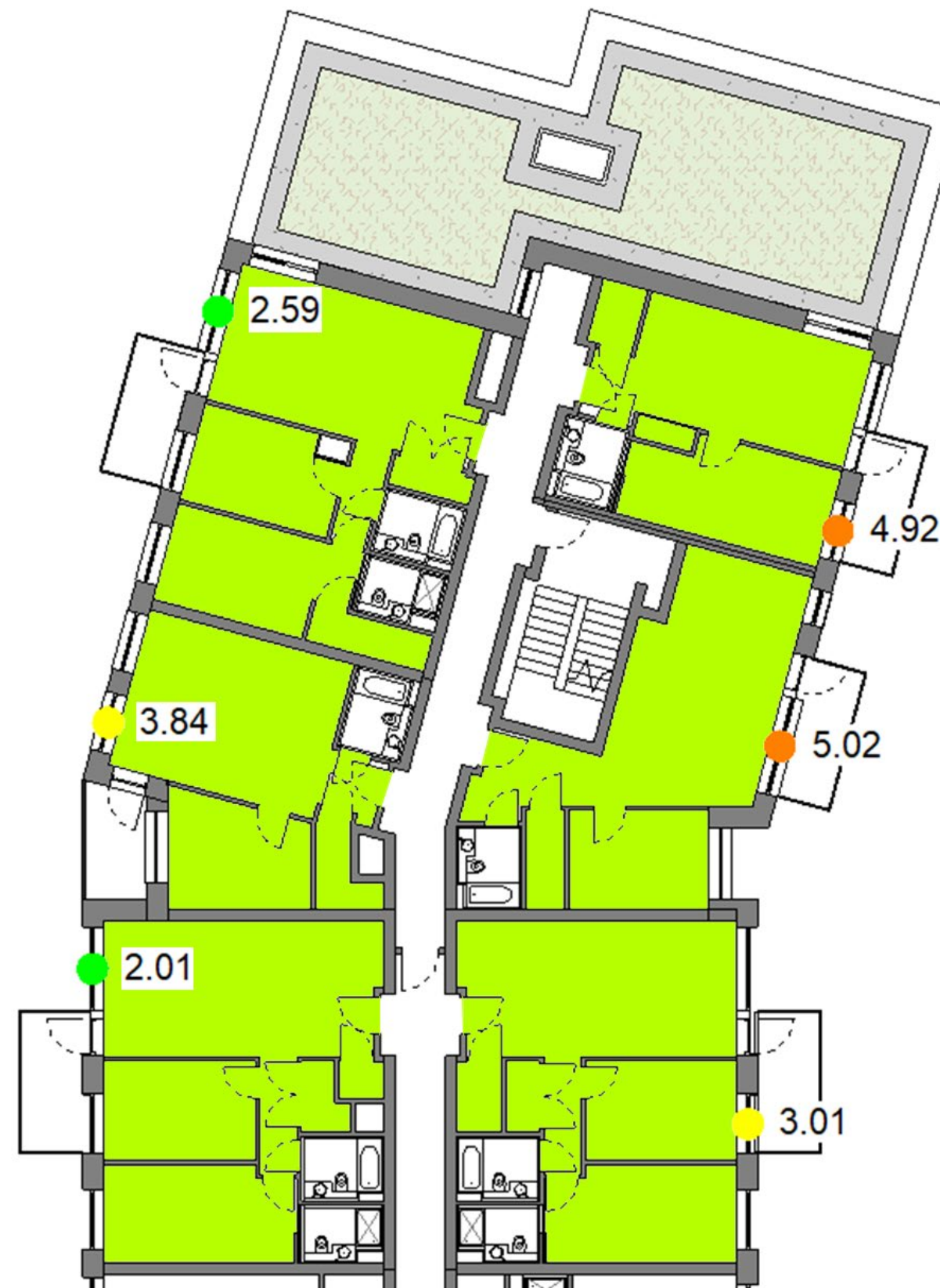
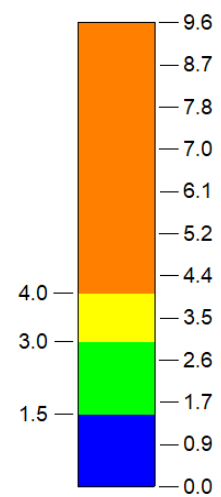


Block F – Fourth Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



Exposure2Sunlight



| Block F | Pass | Fail | Total |
|---------------|------------|------------|------------|
| Ground Floor | 8 | 6 | 14 |
| First Floor | 12 | 5 | 17 |
| Second Floor | 14 | 3 | 17 |
| Third Floor | 14 | 3 | 17 |
| Fourth Floor | 13 | 2 | 15 |
| Fifth Floor | 12 | 2 | 14 |
| Sixth Floor | 9 | 1 | 10 |
| Seventh Floor | 7 | 0 | 7 |
| Eighth Floor | 7 | 0 | 7 |
| Total | 96 | 22 | 118 |
| | 81% | 19% | |

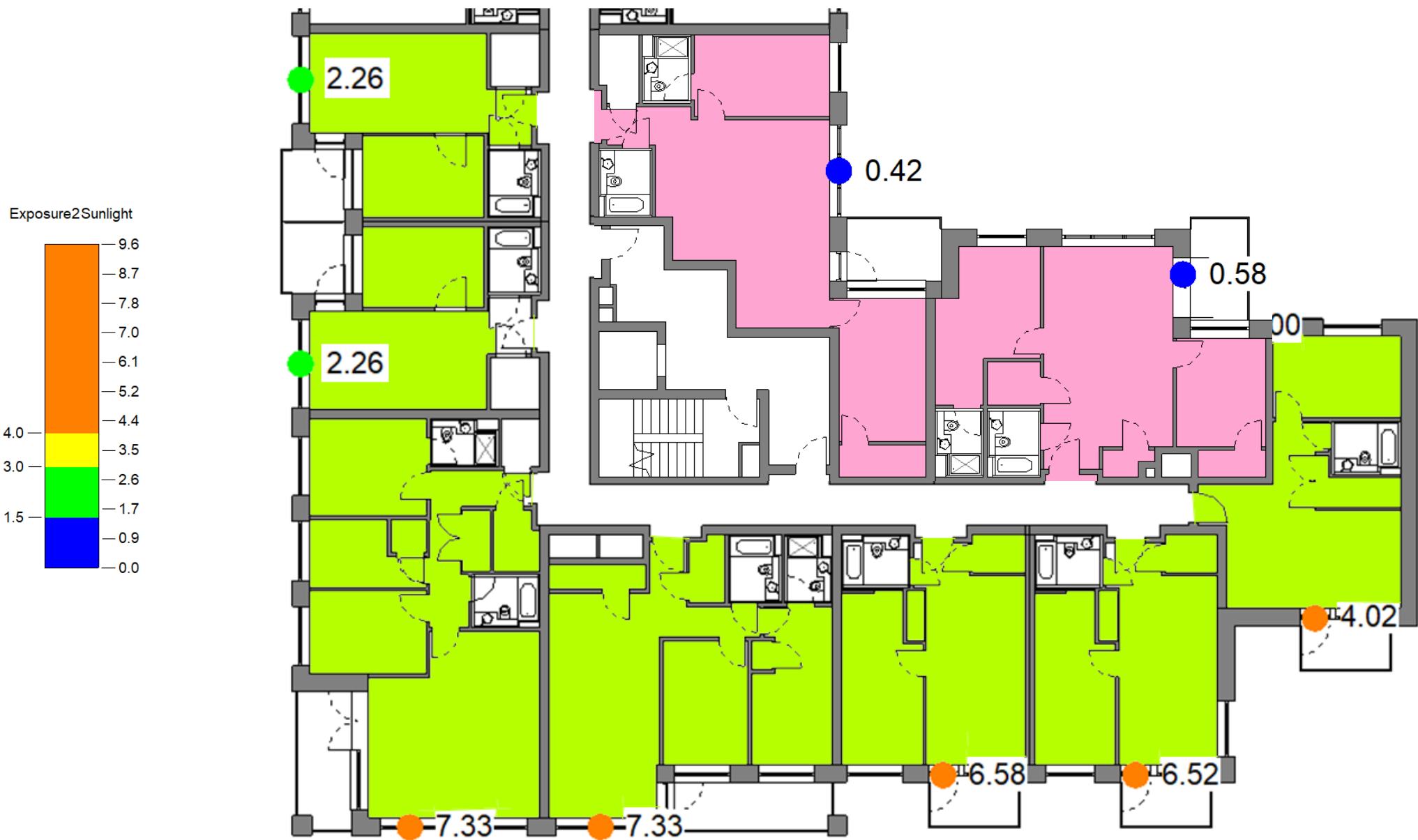
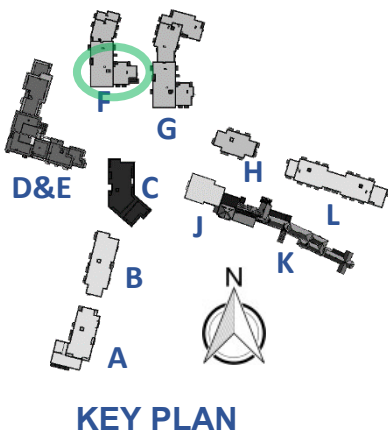
Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment



Block F – Fourth Floor

Sunlight Analysis as illustrated below, determined 2 units on this block do not achieve the minimum recommendations.
The rest of the units achieve the minimum recommendations.



| Block F | Pass | Fail | Total |
|---------------|------|------|-------|
| Ground Floor | 8 | 6 | 14 |
| First Floor | 12 | 5 | 17 |
| Second Floor | 14 | 3 | 17 |
| Third Floor | 14 | 3 | 17 |
| Fourth Floor | 13 | 2 | 15 |
| Fifth Floor | 12 | 2 | 14 |
| Sixth Floor | 9 | 1 | 10 |
| Seventh Floor | 7 | 0 | 7 |
| Eighth Floor | 7 | 0 | 7 |
| Total | 96 | 22 | 118 |
| | 81% | 19% | |

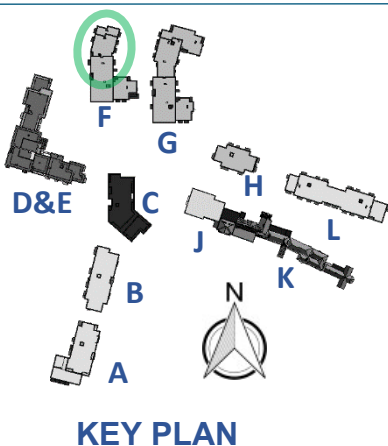
Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment

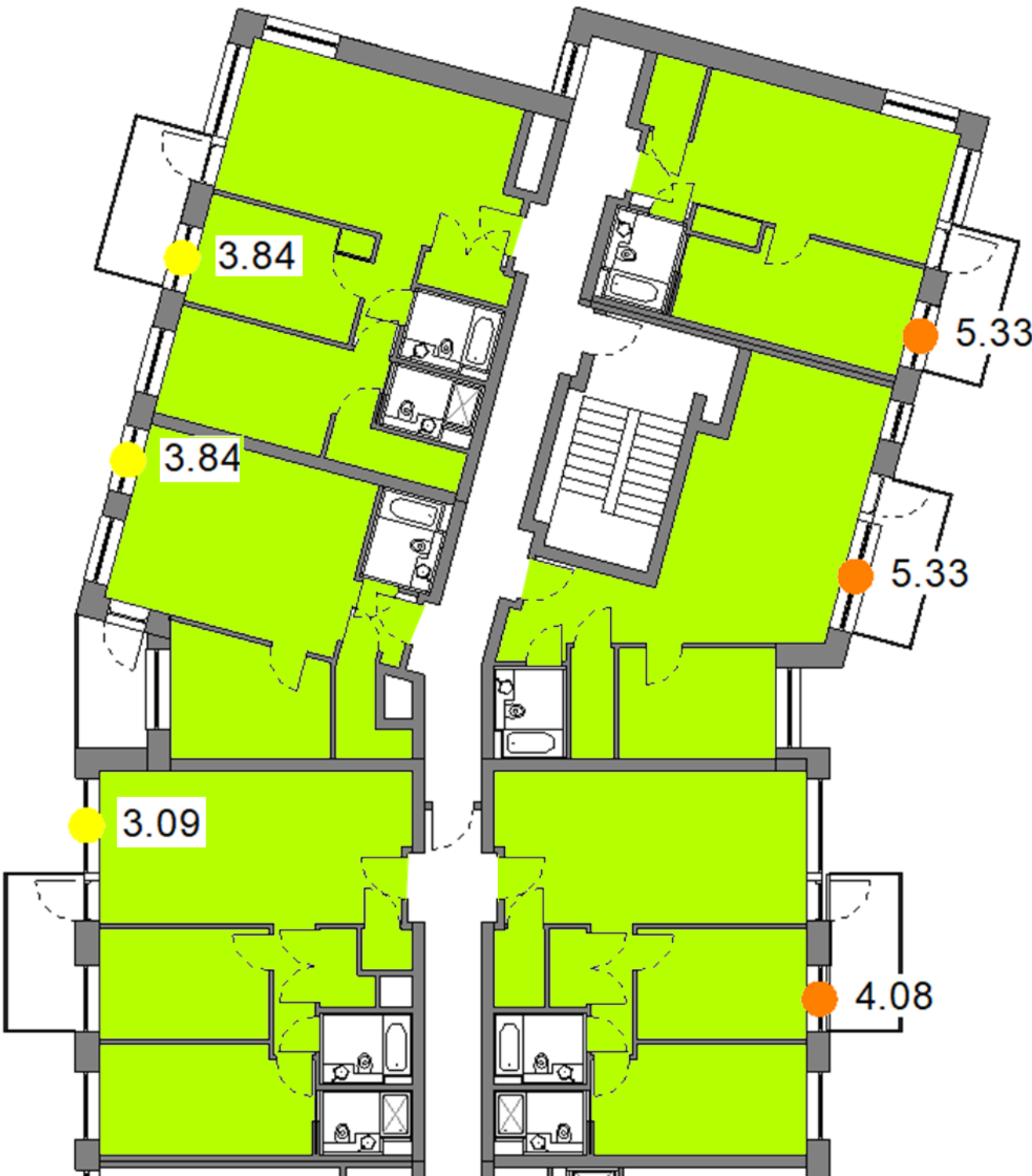
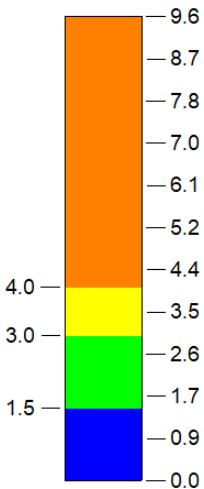


Block F – Fifth Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



Exposure2Sunlight



| Block F | Pass | Fail | Total |
|---------------|------|------|-------|
| Ground Floor | 8 | 6 | 14 |
| First Floor | 12 | 5 | 17 |
| Second Floor | 14 | 3 | 17 |
| Third Floor | 14 | 3 | 17 |
| Fourth Floor | 13 | 2 | 15 |
| Fifth Floor | 12 | 2 | 14 |
| Sixth Floor | 9 | 1 | 10 |
| Seventh Floor | 7 | 0 | 7 |
| Eighth Floor | 7 | 0 | 7 |
| Total | 96 | 22 | 118 |
| | 81% | 19% | |

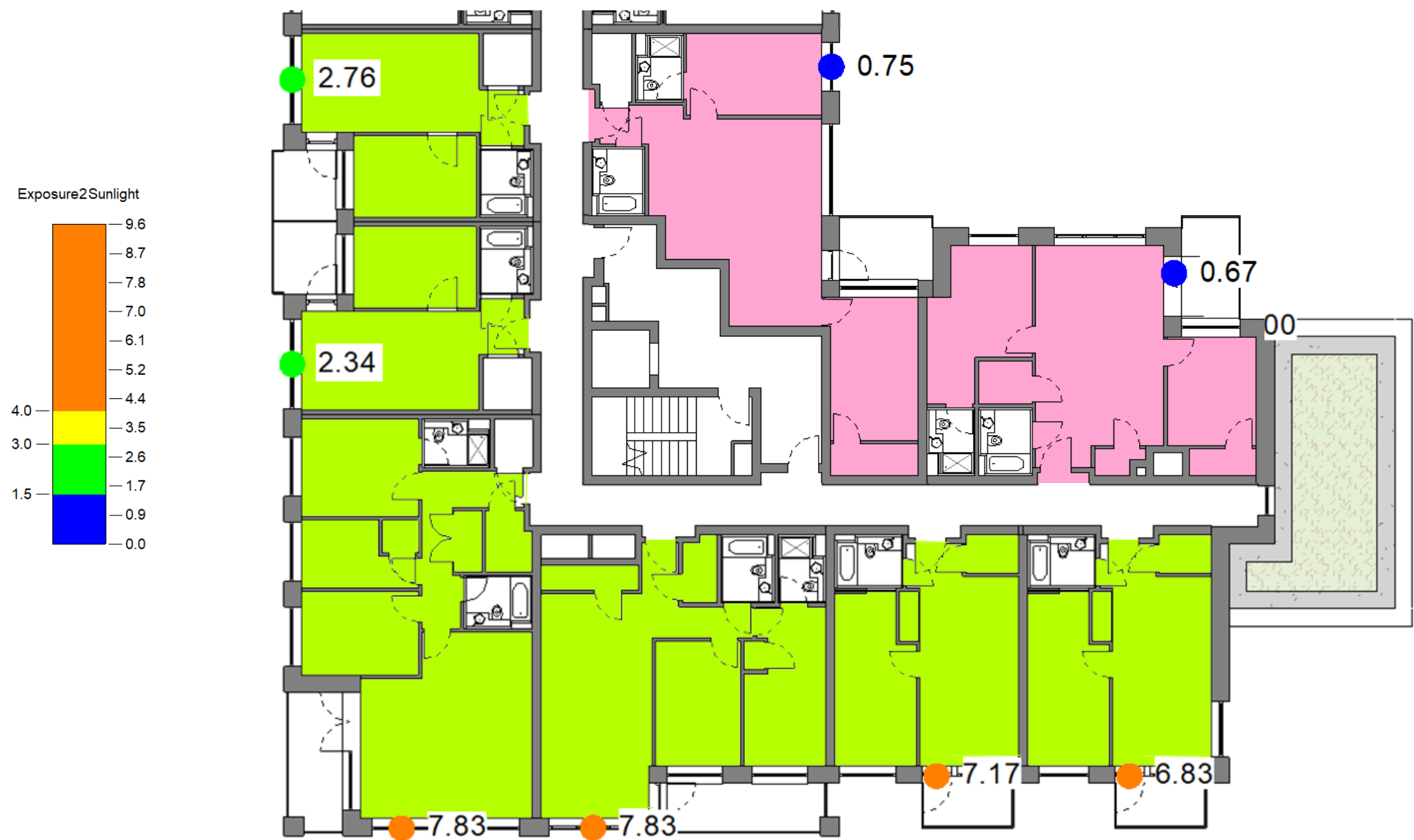
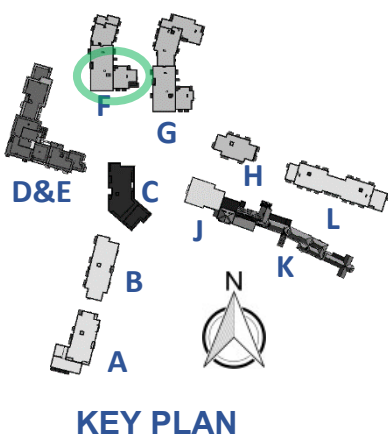
Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment



Block F – Fifth Floor

Sunlight Analysis as illustrated below, determined 2 units on this block do not achieve the minimum recommendations.
The rest of the units achieve the minimum recommendations.



| Block F | Pass | Fail | Total |
|---------------|------|------|-------|
| Ground Floor | 8 | 6 | 14 |
| First Floor | 12 | 5 | 17 |
| Second Floor | 14 | 3 | 17 |
| Third Floor | 14 | 3 | 17 |
| Fourth Floor | 13 | 2 | 15 |
| Fifth Floor | 12 | 2 | 14 |
| Sixth Floor | 9 | 1 | 10 |
| Seventh Floor | 7 | 0 | 7 |
| Eighth Floor | 7 | 0 | 7 |
| Total | 96 | 22 | 118 |
| | 81% | 19% | |

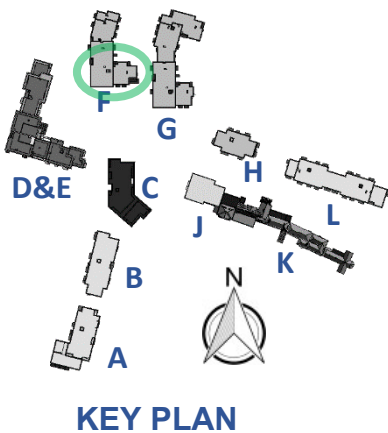
Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment



Block F – Sixth Floor

Sunlight Analysis as illustrated below, determined 1 unit on this block does not achieve the minimum recommendations.
The rest of the units achieve the minimum recommendations.



| Block F | Pass | Fail | Total |
|---------------|------|------|-------|
| Ground Floor | 8 | 6 | 14 |
| First Floor | 12 | 5 | 17 |
| Second Floor | 14 | 3 | 17 |
| Third Floor | 14 | 3 | 17 |
| Fourth Floor | 13 | 2 | 15 |
| Fifth Floor | 12 | 2 | 14 |
| Sixth Floor | 9 | 1 | 10 |
| Seventh Floor | 7 | 0 | 7 |
| Eighth Floor | 7 | 0 | 7 |
| Total | 96 | 22 | 118 |
| | 81% | 19% | |

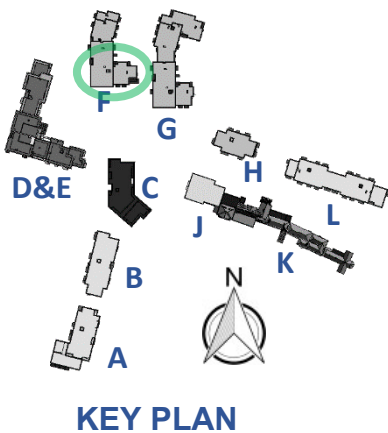
Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment



Block F – Seventh Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



| Block F | Pass | Fail | Total |
|---------------|------|------|-------|
| Ground Floor | 8 | 6 | 14 |
| First Floor | 12 | 5 | 17 |
| Second Floor | 14 | 3 | 17 |
| Third Floor | 14 | 3 | 17 |
| Fourth Floor | 13 | 2 | 15 |
| Fifth Floor | 12 | 2 | 14 |
| Sixth Floor | 9 | 1 | 10 |
| Seventh Floor | 7 | 0 | 7 |
| Eighth Floor | 7 | 0 | 7 |
| Total | 96 | 22 | 118 |
| | 81% | 19% | |

Daylight and Sunlight Analysis

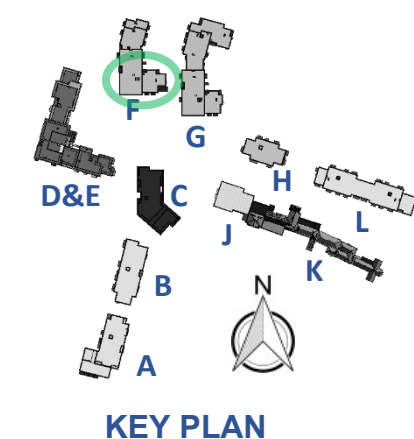
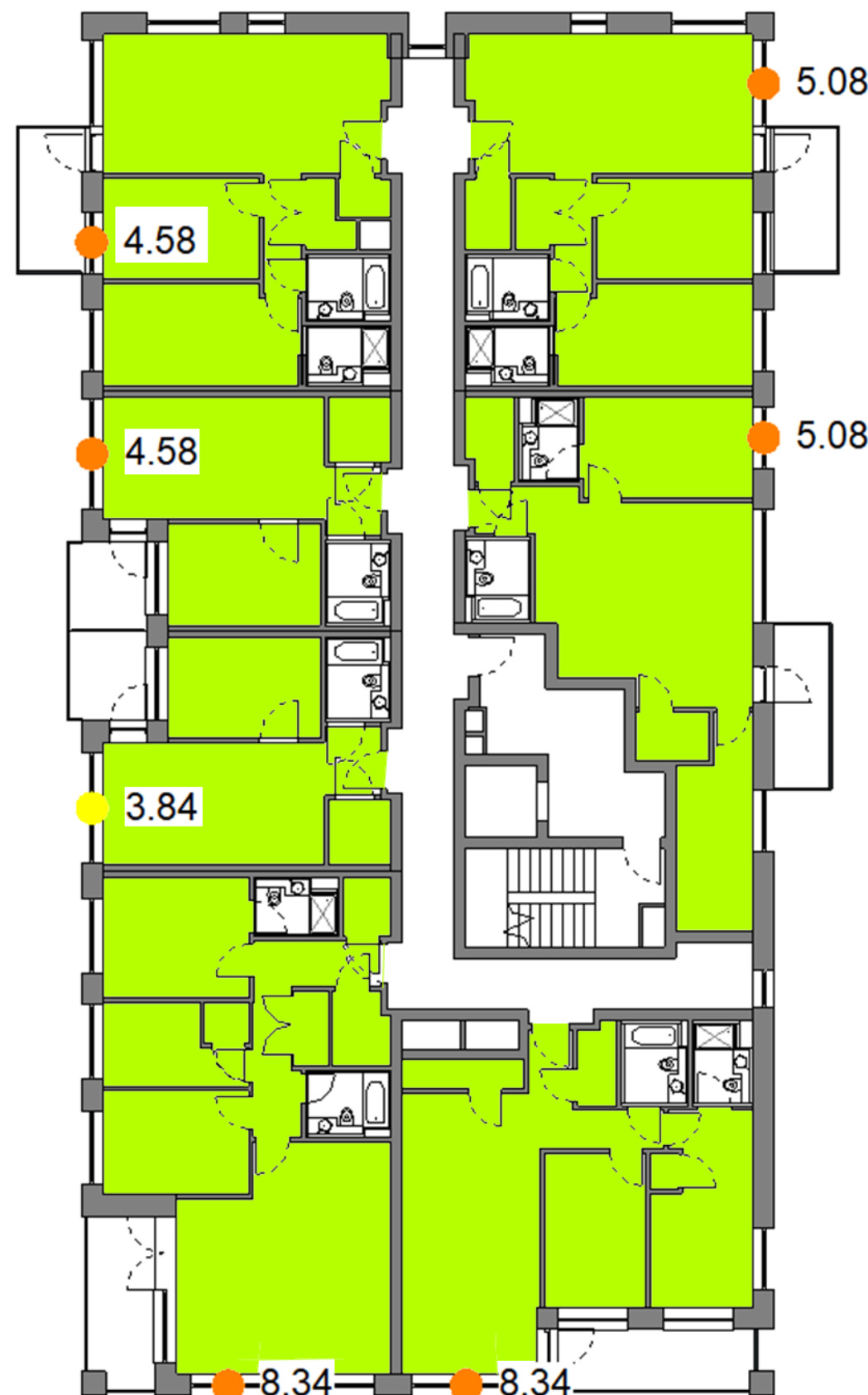
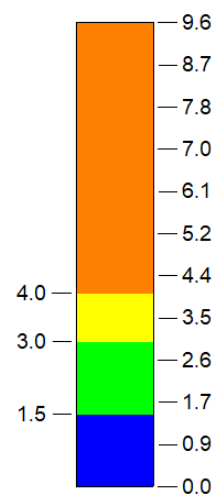
St Vincent’s Hospital Fairview Redevelopment



Block F – Eighth Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.

Exposure2Sunlight



| Block F | Pass | Fail | Total |
|---------------|------------|------------|------------|
| Ground Floor | 8 | 6 | 14 |
| First Floor | 12 | 5 | 17 |
| Second Floor | 14 | 3 | 17 |
| Third Floor | 14 | 3 | 17 |
| Fourth Floor | 13 | 2 | 15 |
| Fifth Floor | 12 | 2 | 14 |
| Sixth Floor | 9 | 1 | 10 |
| Seventh Floor | 7 | 0 | 7 |
| Eighth Floor | 7 | 0 | 7 |
| Total | 96 | 22 | 118 |
| | 81% | 19% | |

Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment

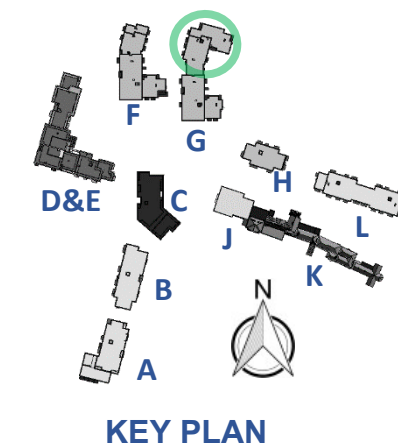


Results – Block G

Block G – Ground Floor

Sunlight Analysis as illustrated below, determined 4 units on this block do not achieve the minimum recommendations.

The rest of the units achieve the minimum recommendations.



| Block G | Pass | Fail | Total |
|---------------|------------|-----------|------------|
| Ground Floor | 12 | 4 | 16 |
| First Floor | 17 | 3 | 20 |
| Second Floor | 20 | 2 | 22 |
| Third Floor | 20 | 2 | 22 |
| Fourth Floor | 16 | 1 | 17 |
| Fifth Floor | 17 | 0 | 17 |
| Sixth Floor | 10 | 0 | 10 |
| Seventh Floor | 7 | 0 | 7 |
| Eighth Floor | 7 | 0 | 7 |
| Total | 126 | 12 | 138 |
| | 91% | 9% | |

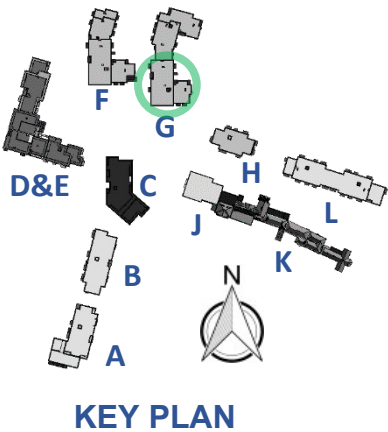
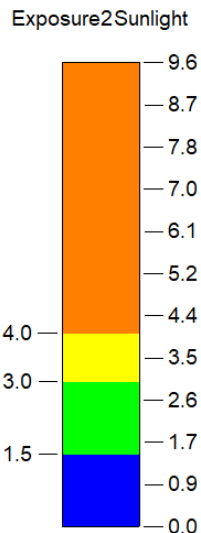
Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment



Block G – Ground Floor

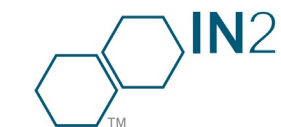
Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



| Block G | Pass | Fail | Total |
|---------------|------|------|-------|
| Ground Floor | 12 | 4 | 16 |
| First Floor | 17 | 3 | 20 |
| Second Floor | 20 | 2 | 22 |
| Third Floor | 20 | 2 | 22 |
| Fourth Floor | 16 | 1 | 17 |
| Fifth Floor | 17 | 0 | 17 |
| Sixth Floor | 10 | 0 | 10 |
| Seventh Floor | 7 | 0 | 7 |
| Eighth Floor | 7 | 0 | 7 |
| Total | 126 | 12 | 138 |
| | 91% | 9% | |

Daylight and Sunlight Analysis

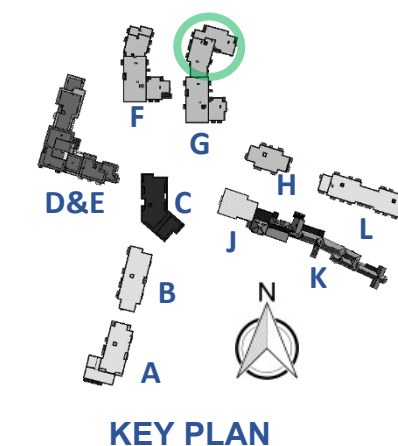
St Vincent's Hospital Fairview Redevelopment



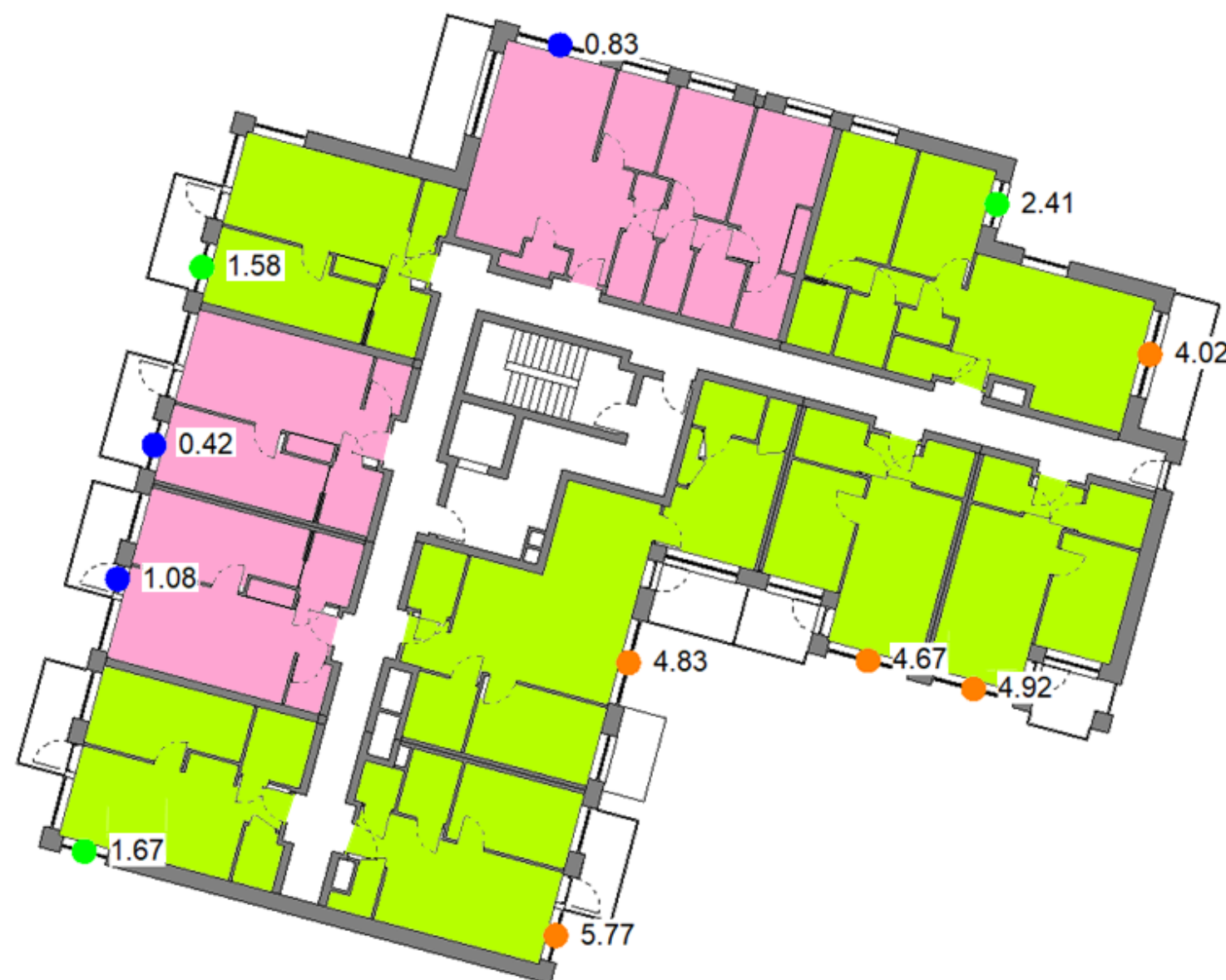
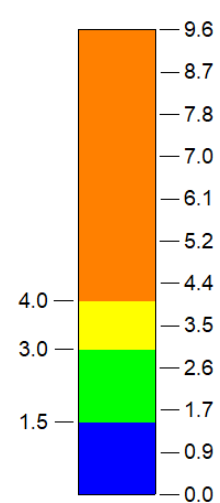
Block G – First Floor

Sunlight Analysis as illustrated below, determined 3 units on this block do not achieve the minimum recommendations.

The rest of the units achieve the minimum recommendations.



Exposure2Sunlight



| Block G | Pass | Fail | Total |
|---------------|------|------|-------|
| Ground Floor | 12 | 4 | 16 |
| First Floor | 17 | 3 | 20 |
| Second Floor | 20 | 2 | 22 |
| Third Floor | 20 | 2 | 22 |
| Fourth Floor | 16 | 1 | 17 |
| Fifth Floor | 17 | 0 | 17 |
| Sixth Floor | 10 | 0 | 10 |
| Seventh Floor | 7 | 0 | 7 |
| Eighth Floor | 7 | 0 | 7 |
| Total | 126 | 12 | 138 |
| | 91% | 9% | |

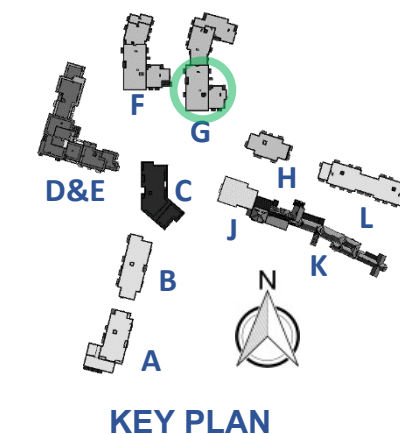
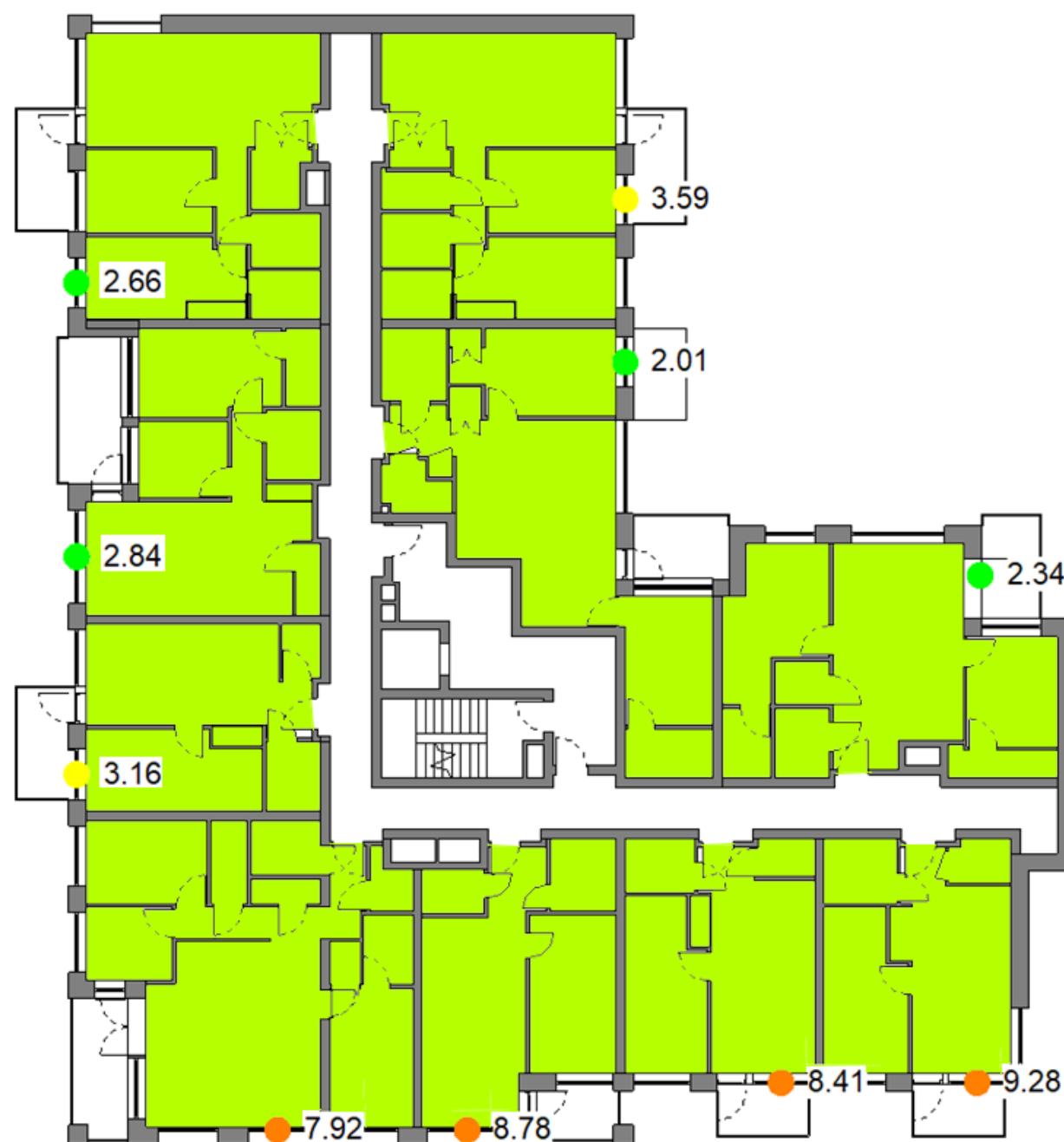
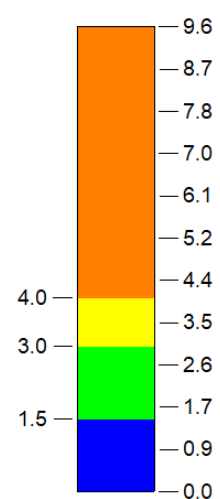
Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment

Block G – First Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.

Exposure2Sunlight



| Block G | Pass | Fail | Total |
|---------------|------------|-----------|------------|
| Ground Floor | 12 | 4 | 16 |
| First Floor | 17 | 3 | 20 |
| Second Floor | 20 | 2 | 22 |
| Third Floor | 20 | 2 | 22 |
| Fourth Floor | 16 | 1 | 17 |
| Fifth Floor | 17 | 0 | 17 |
| Sixth Floor | 10 | 0 | 10 |
| Seventh Floor | 7 | 0 | 7 |
| Eighth Floor | 7 | 0 | 7 |
| Total | 126 | 12 | 138 |
| | 91% | 9% | |

Daylight and Sunlight Analysis

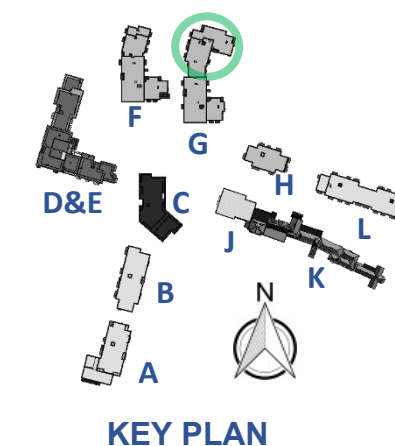
St Vincent's Hospital Fairview Redevelopment



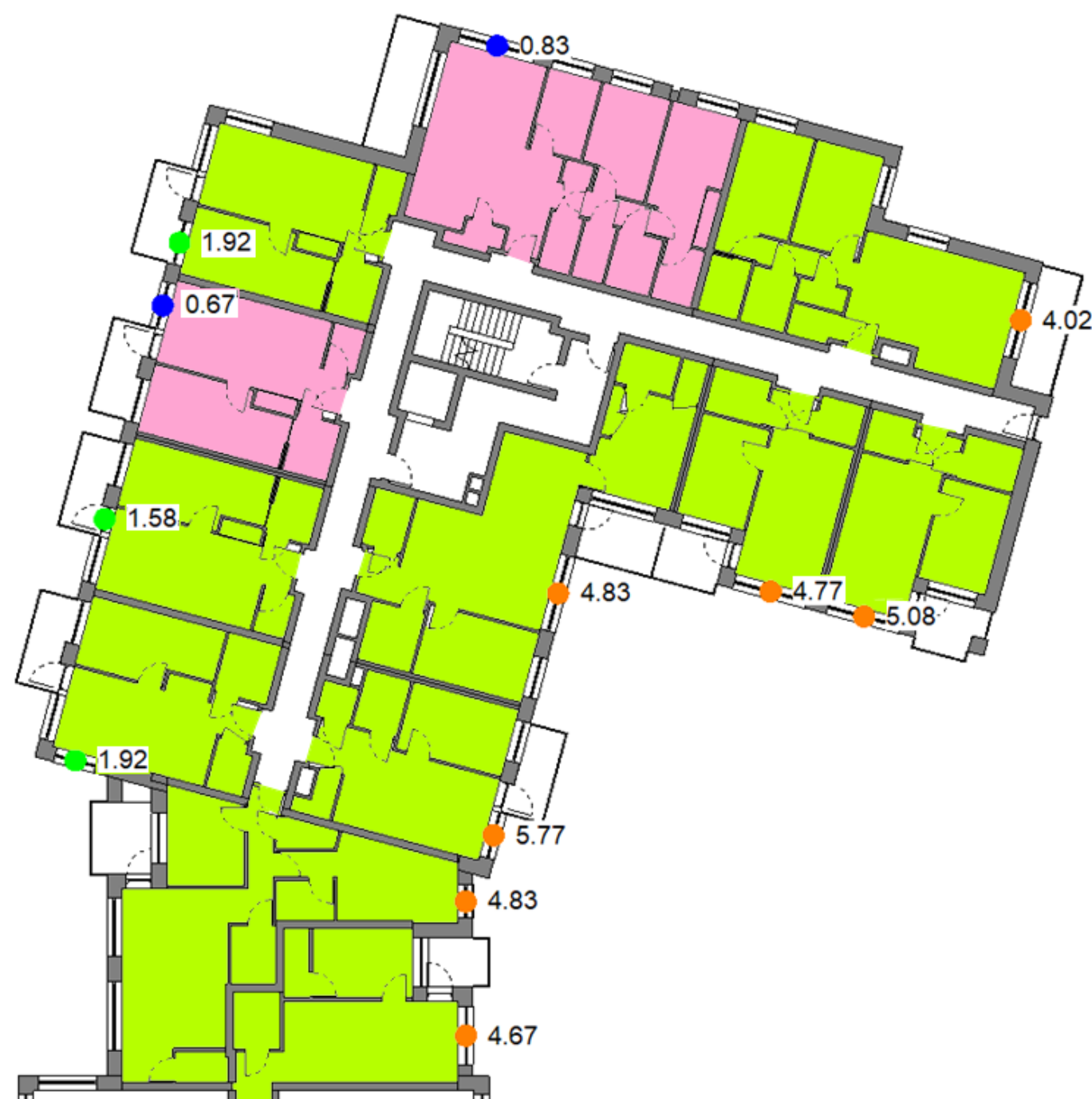
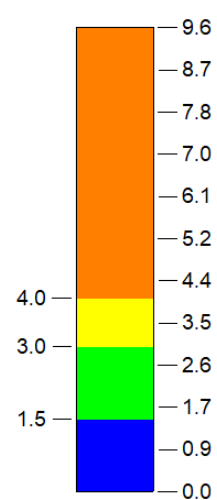
Block G – Second Floor

Sunlight Analysis as illustrated below, determined 2 units on this block do not achieve the minimum recommendations.

The rest of the units achieve the minimum recommendations.



Exposure2Sunlight



| Block G | Pass | Fail | Total |
|---------------|------|------|-------|
| Ground Floor | 12 | 4 | 16 |
| First Floor | 17 | 3 | 20 |
| Second Floor | 20 | 2 | 22 |
| Third Floor | 20 | 2 | 22 |
| Fourth Floor | 16 | 1 | 17 |
| Fifth Floor | 17 | 0 | 17 |
| Sixth Floor | 10 | 0 | 10 |
| Seventh Floor | 7 | 0 | 7 |
| Eighth Floor | 7 | 0 | 7 |
| Total | 126 | 12 | 138 |
| | 91% | 9% | |

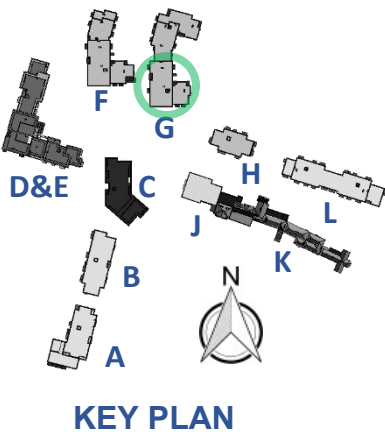
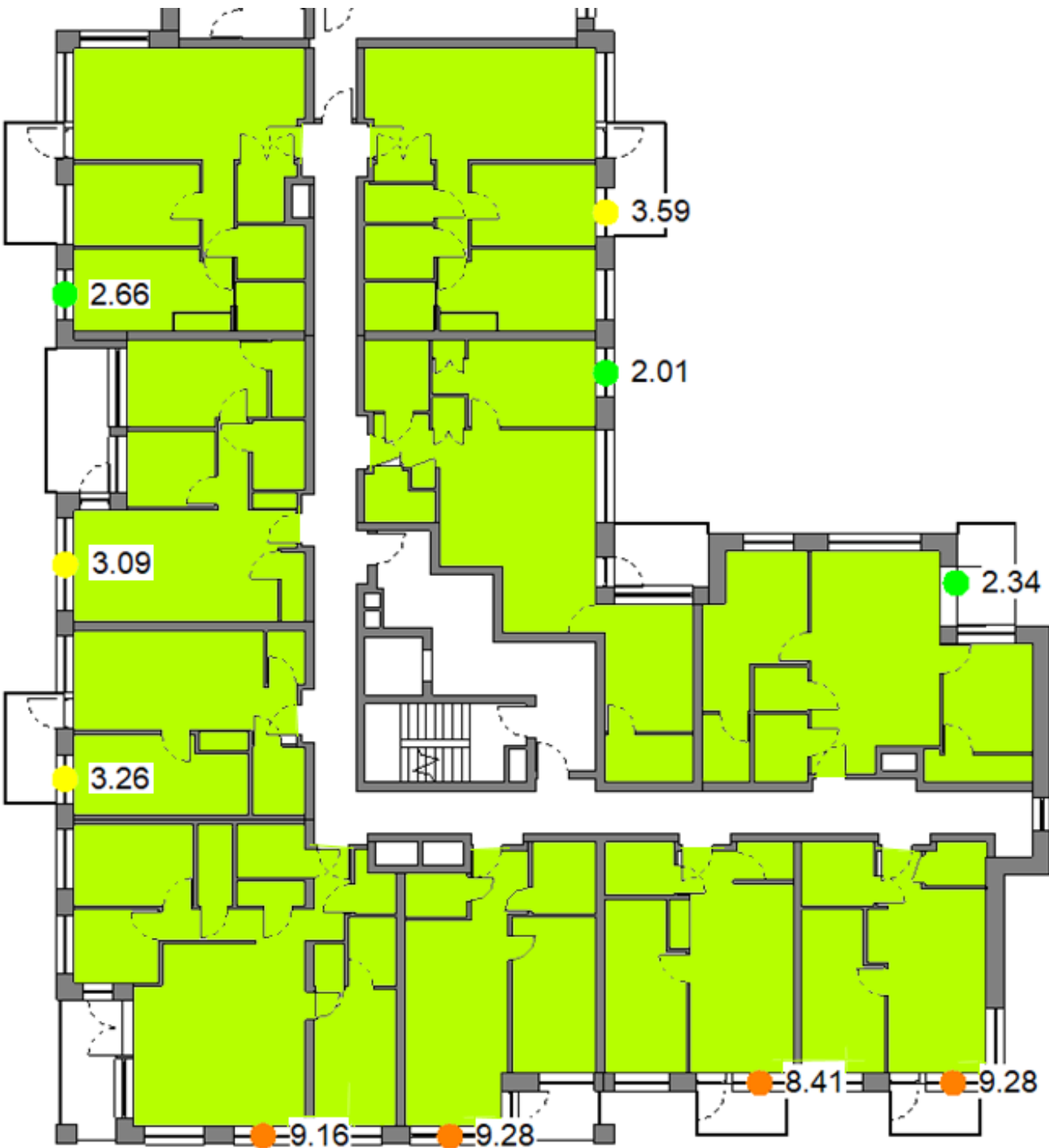
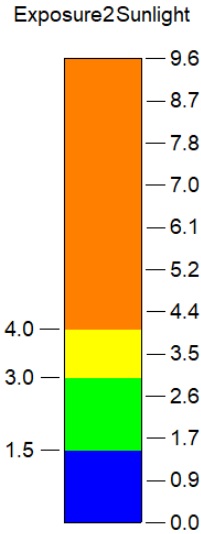
Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment



Block G – Second Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



| Block G | Pass | Fail | Total |
|---------------|------|------|-------|
| Ground Floor | 12 | 4 | 16 |
| First Floor | 17 | 3 | 20 |
| Second Floor | 20 | 2 | 22 |
| Third Floor | 20 | 2 | 22 |
| Fourth Floor | 16 | 1 | 17 |
| Fifth Floor | 17 | 0 | 17 |
| Sixth Floor | 10 | 0 | 10 |
| Seventh Floor | 7 | 0 | 7 |
| Eighth Floor | 7 | 0 | 7 |
| Total | 126 | 12 | 138 |
| | 91% | 9% | |

Daylight and Sunlight Analysis

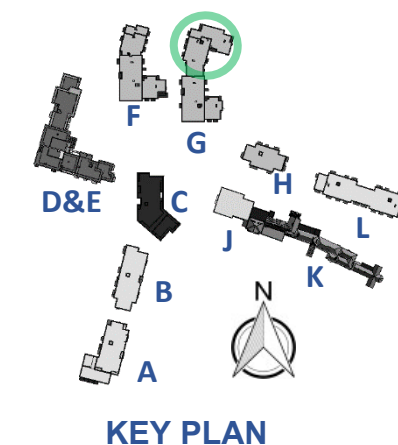
St Vincent's Hospital Fairview Redevelopment



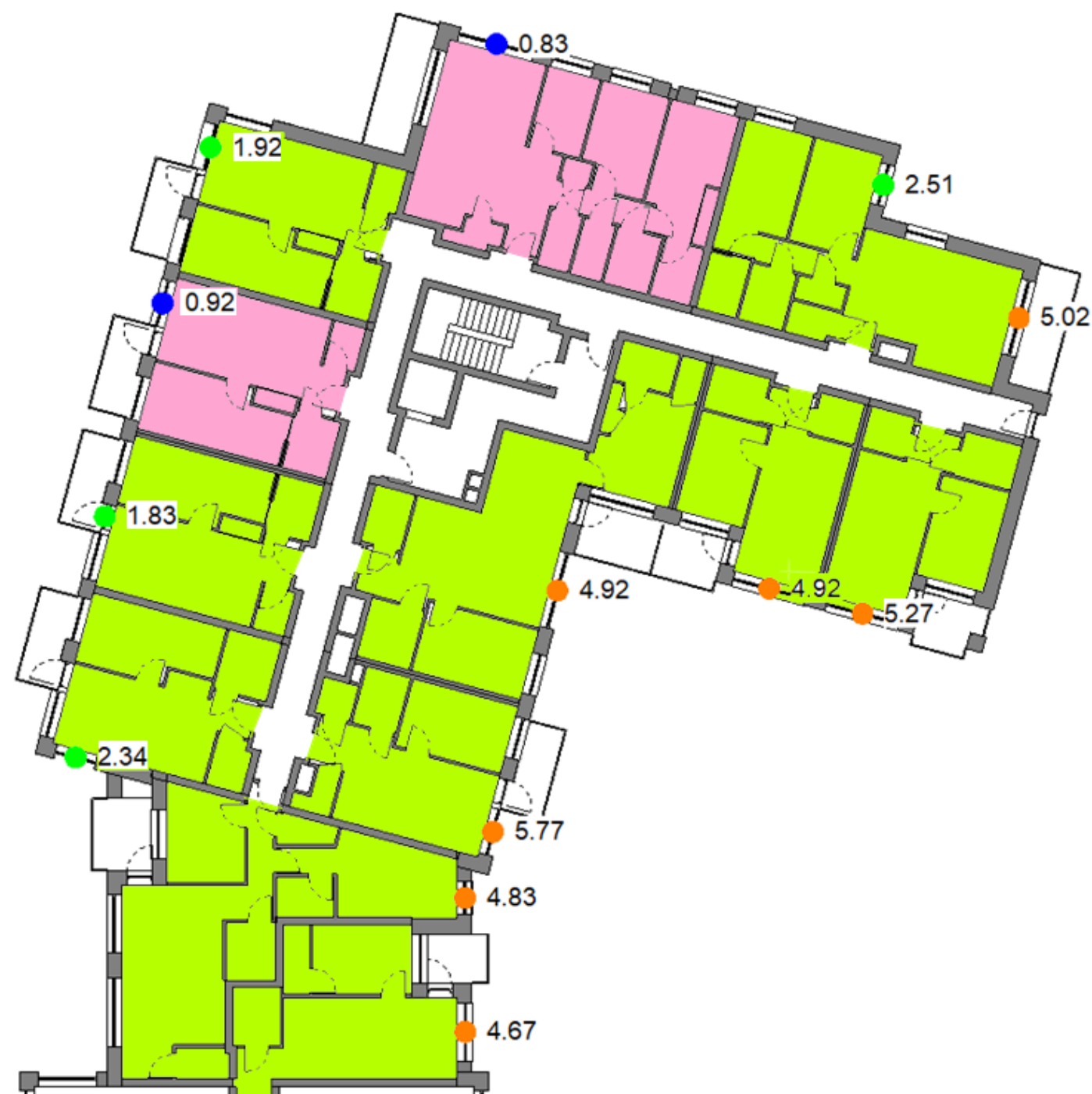
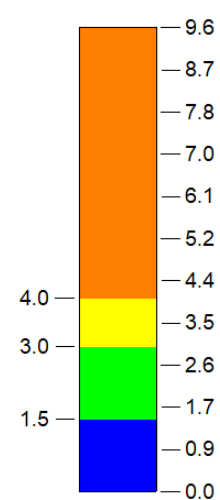
Block G – Third Floor

Sunlight Analysis as illustrated below, determined 2 units on this block do not achieve the minimum recommendations.

The rest of the units achieve the minimum recommendations.



Exposure2Sunlight



| Block G | Pass | Fail | Total |
|---------------|------|------|-------|
| Ground Floor | 12 | 4 | 16 |
| First Floor | 17 | 3 | 20 |
| Second Floor | 20 | 2 | 22 |
| Third Floor | 20 | 2 | 22 |
| Fourth Floor | 16 | 1 | 17 |
| Fifth Floor | 17 | 0 | 17 |
| Sixth Floor | 10 | 0 | 10 |
| Seventh Floor | 7 | 0 | 7 |
| Eighth Floor | 7 | 0 | 7 |
| Total | 126 | 12 | 138 |
| | 91% | 9% | |

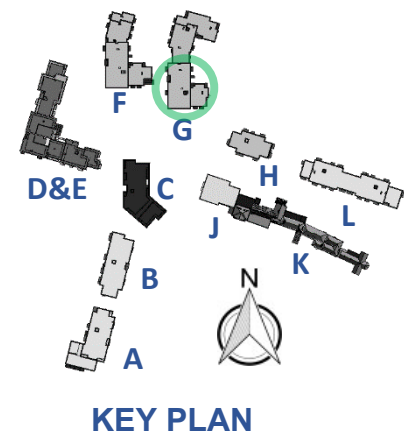
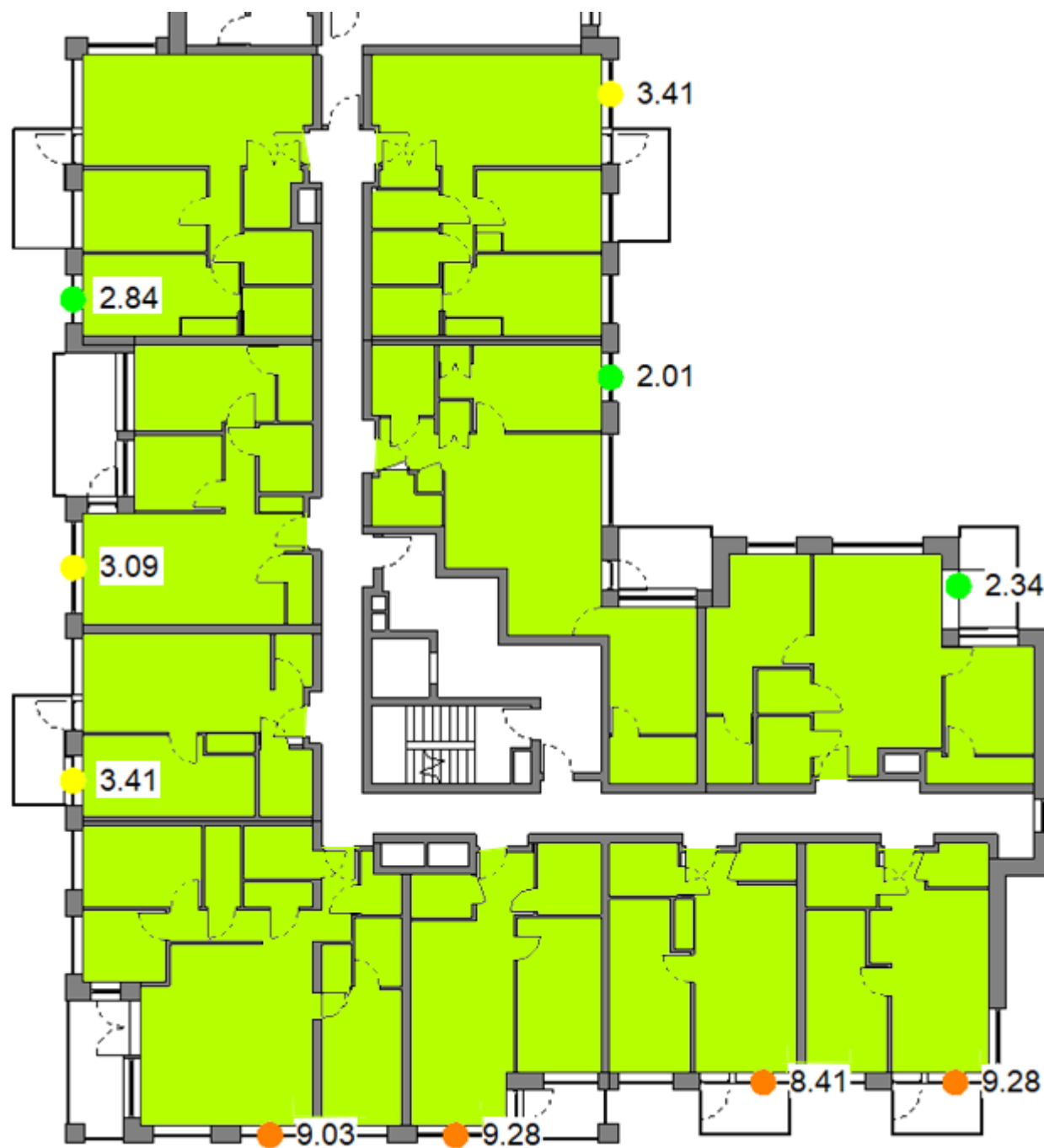
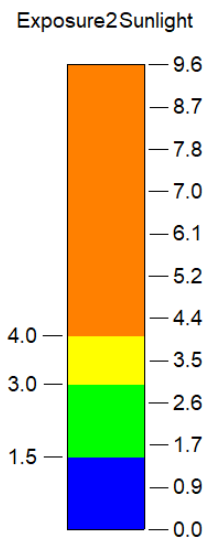
Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment



Block G – Third Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



| Block G | Pass | Fail | Total |
|---------------|------|------|-------|
| Ground Floor | 12 | 4 | 16 |
| First Floor | 17 | 3 | 20 |
| Second Floor | 20 | 2 | 22 |
| Third Floor | 20 | 2 | 22 |
| Fourth Floor | 16 | 1 | 17 |
| Fifth Floor | 17 | 0 | 17 |
| Sixth Floor | 10 | 0 | 10 |
| Seventh Floor | 7 | 0 | 7 |
| Eighth Floor | 7 | 0 | 7 |
| Total | 126 | 12 | 138 |
| | 91% | 9% | |

Daylight and Sunlight Analysis

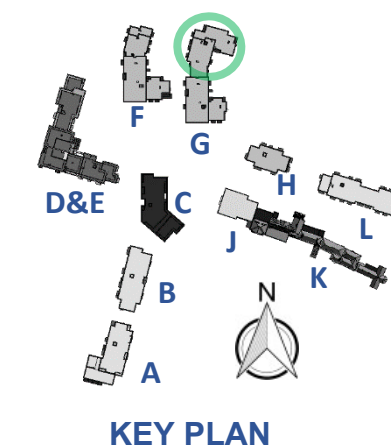
St Vincent's Hospital Fairview Redevelopment



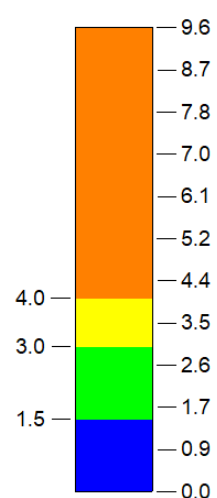
Block G – Fourth Floor

Sunlight Analysis as illustrated below, determined 1 unit on this block does not achieve the minimum recommendations.

The rest of the units achieve the minimum recommendations.



Exposure2Sunlight



| Block G | Pass | Fail | Total |
|---------------|------------|-----------|------------|
| Ground Floor | 12 | 4 | 16 |
| First Floor | 17 | 3 | 20 |
| Second Floor | 20 | 2 | 22 |
| Third Floor | 20 | 2 | 22 |
| Fourth Floor | 16 | 1 | 17 |
| Fifth Floor | 17 | 0 | 17 |
| Sixth Floor | 10 | 0 | 10 |
| Seventh Floor | 7 | 0 | 7 |
| Eighth Floor | 7 | 0 | 7 |
| Total | 126 | 12 | 138 |
| | 91% | 9% | |

Daylight and Sunlight Analysis

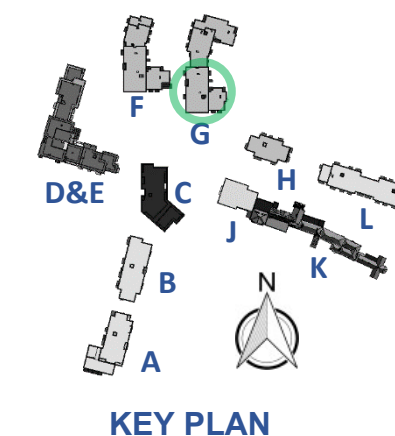
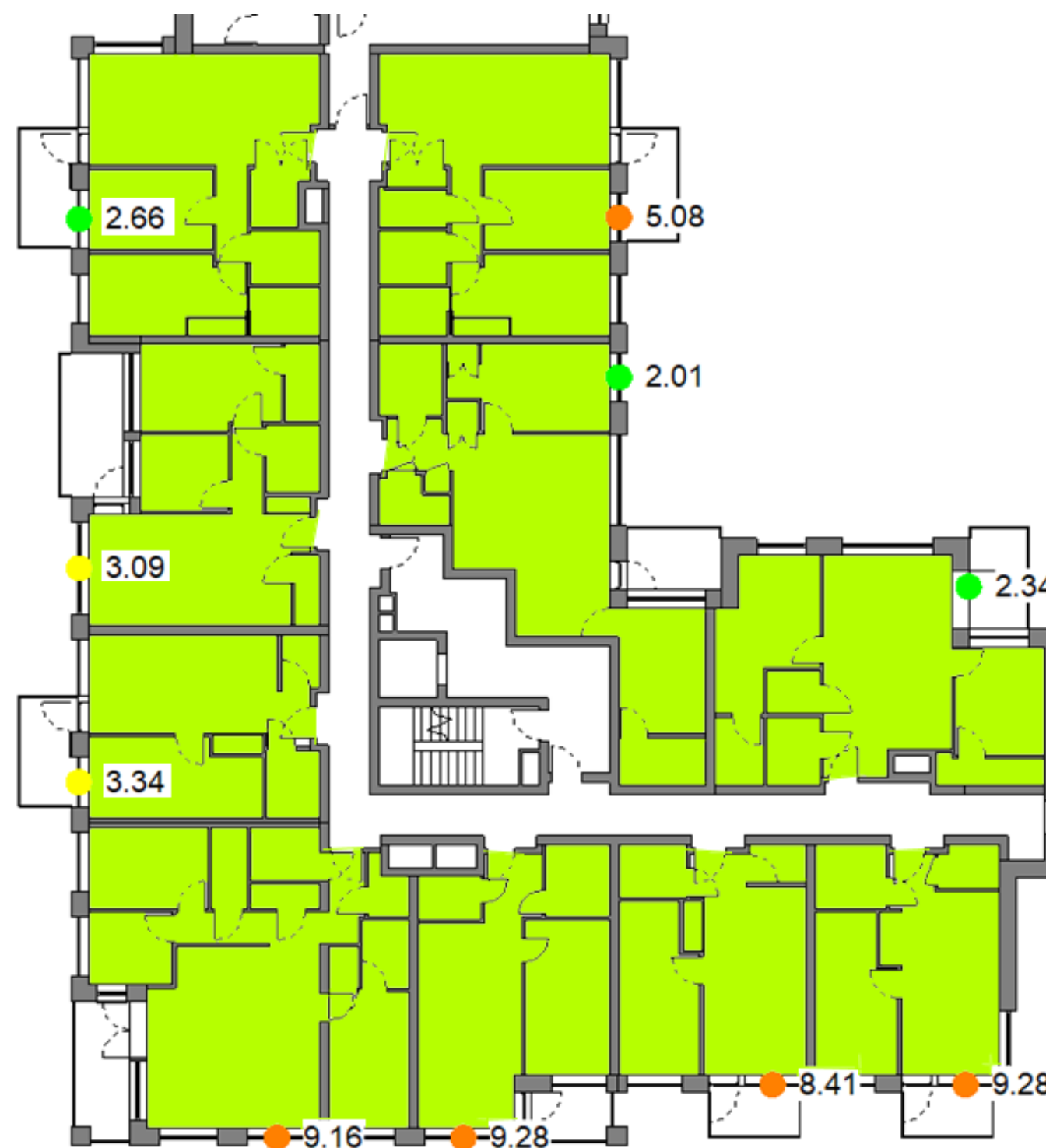
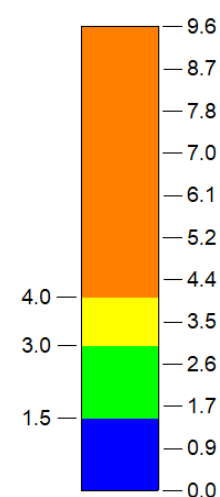
St Vincent's Hospital Fairview Redevelopment



Block G – Fourth Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.

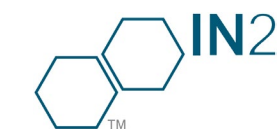
Exposure2Sunlight



| Block G | Pass | Fail | Total |
|---------------|------------|-----------|------------|
| Ground Floor | 12 | 4 | 16 |
| First Floor | 17 | 3 | 20 |
| Second Floor | 20 | 2 | 22 |
| Third Floor | 20 | 2 | 22 |
| Fourth Floor | 16 | 1 | 17 |
| Fifth Floor | 17 | 0 | 17 |
| Sixth Floor | 10 | 0 | 10 |
| Seventh Floor | 7 | 0 | 7 |
| Eighth Floor | 7 | 0 | 7 |
| Total | 126 | 12 | 138 |
| | 91% | 9% | |

Daylight and Sunlight Analysis

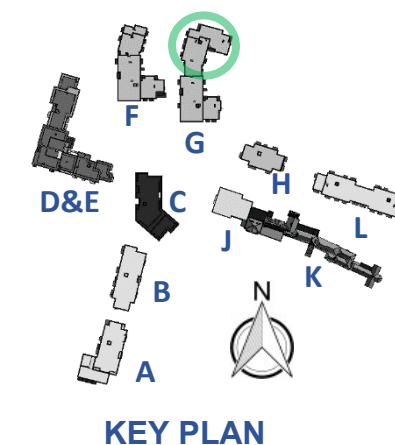
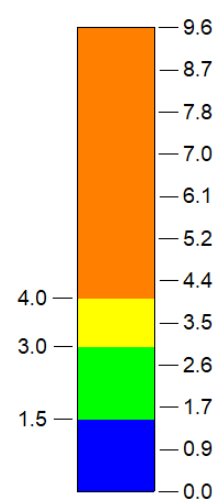
St Vincent's Hospital Fairview Redevelopment



Block G – Fifth Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.

Exposure2Sunlight



| Block G | Pass | Fail | Total |
|---------------|------------|-----------|------------|
| Ground Floor | 12 | 4 | 16 |
| First Floor | 17 | 3 | 20 |
| Second Floor | 20 | 2 | 22 |
| Third Floor | 20 | 2 | 22 |
| Fourth Floor | 16 | 1 | 17 |
| Fifth Floor | 17 | 0 | 17 |
| Sixth Floor | 10 | 0 | 10 |
| Seventh Floor | 7 | 0 | 7 |
| Eighth Floor | 7 | 0 | 7 |
| Total | 126 | 12 | 138 |
| | 91% | 9% | |

Daylight and Sunlight Analysis

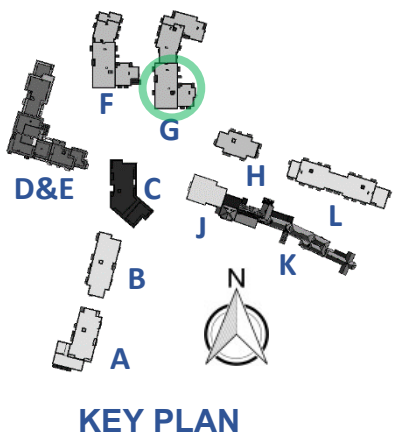
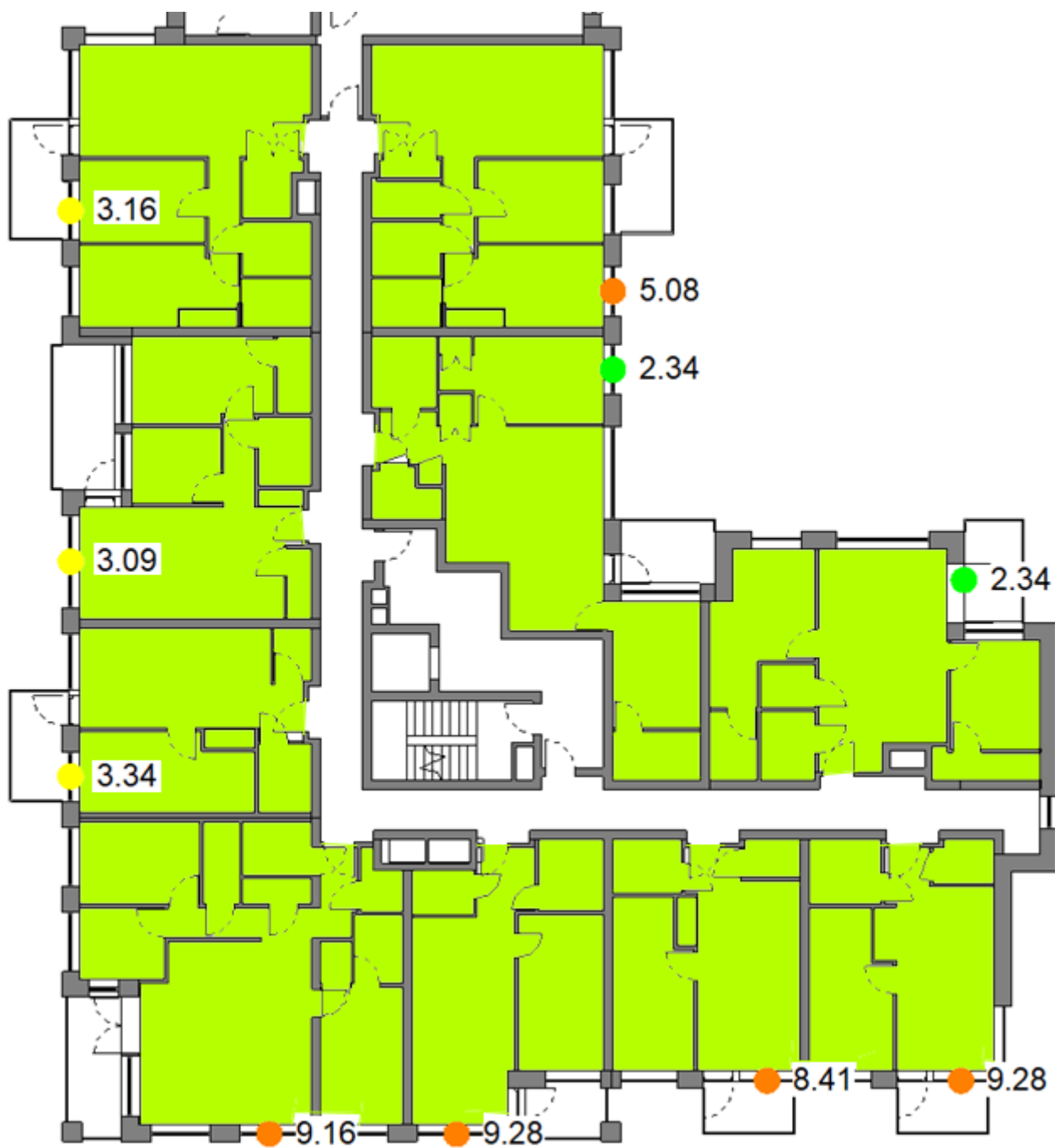
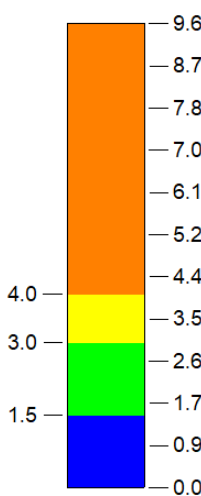
St Vincent's Hospital Fairview Redevelopment



Block G – Fifth Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.

Exposure2Sunlight



| Block G | Pass | Fail | Total |
|---------------|------|------|-------|
| Ground Floor | 12 | 4 | 16 |
| First Floor | 17 | 3 | 20 |
| Second Floor | 20 | 2 | 22 |
| Third Floor | 20 | 2 | 22 |
| Fourth Floor | 16 | 1 | 17 |
| Fifth Floor | 17 | 0 | 17 |
| Sixth Floor | 10 | 0 | 10 |
| Seventh Floor | 7 | 0 | 7 |
| Eighth Floor | 7 | 0 | 7 |
| Total | 126 | 12 | 138 |
| | 91% | 9% | |

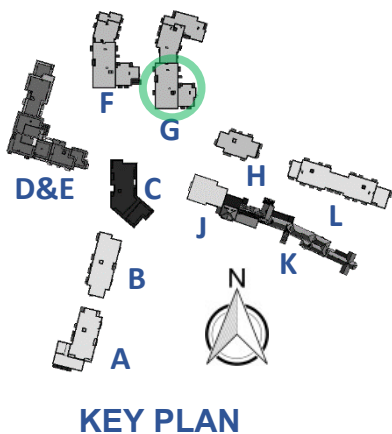
Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment

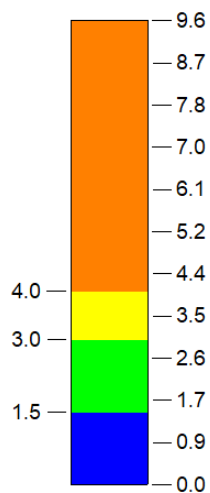


Block G – Sixth Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



Exposure2Sunlight



| Block G | Pass | Fail | Total |
|---------------|------|------|-------|
| Ground Floor | 12 | 4 | 16 |
| First Floor | 17 | 3 | 20 |
| Second Floor | 20 | 2 | 22 |
| Third Floor | 20 | 2 | 22 |
| Fourth Floor | 16 | 1 | 17 |
| Fifth Floor | 17 | 0 | 17 |
| Sixth Floor | 10 | 0 | 10 |
| Seventh Floor | 7 | 0 | 7 |
| Eighth Floor | 7 | 0 | 7 |
| Total | 126 | 12 | 138 |
| | 91% | 9% | |

Daylight and Sunlight Analysis

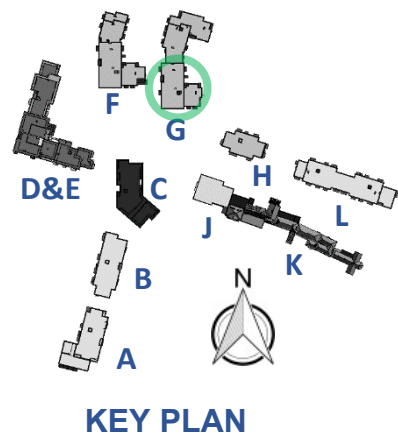
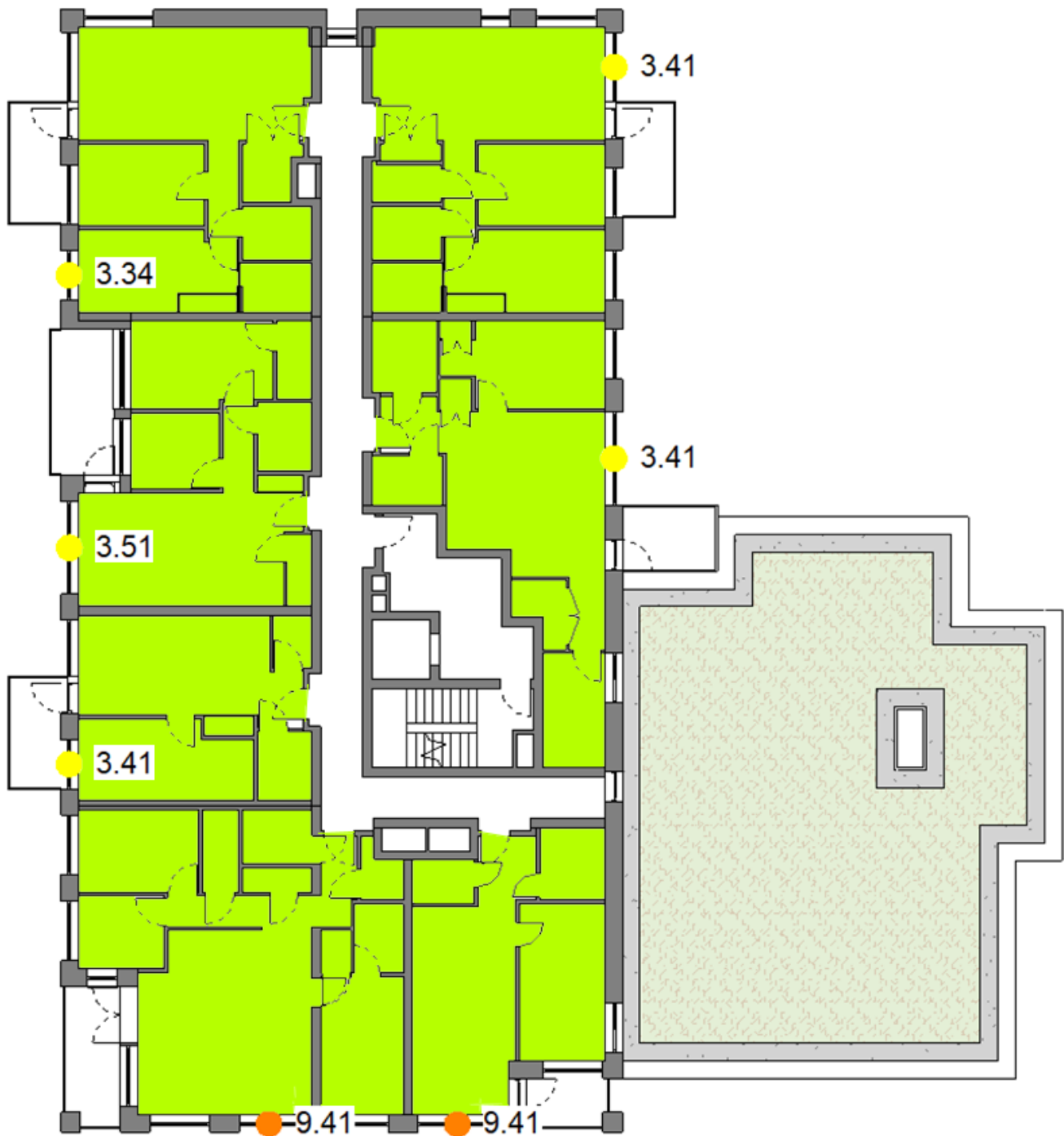
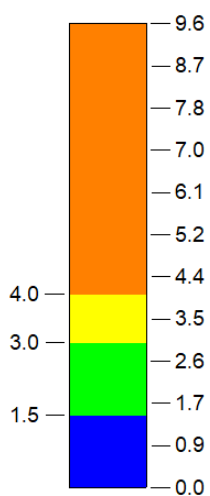
St Vincent’s Hospital Fairview Redevelopment



Block G – Seventh Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.

Exposure2Sunlight



| Block G | Pass | Fail | Total |
|---------------|------|------|-------|
| Ground Floor | 12 | 4 | 16 |
| First Floor | 17 | 3 | 20 |
| Second Floor | 20 | 2 | 22 |
| Third Floor | 20 | 2 | 22 |
| Fourth Floor | 16 | 1 | 17 |
| Fifth Floor | 17 | 0 | 17 |
| Sixth Floor | 10 | 0 | 10 |
| Seventh Floor | 7 | 0 | 7 |
| Eighth Floor | 7 | 0 | 7 |
| Total | 126 | 12 | 138 |
| | 91% | 9% | |

Daylight and Sunlight Analysis

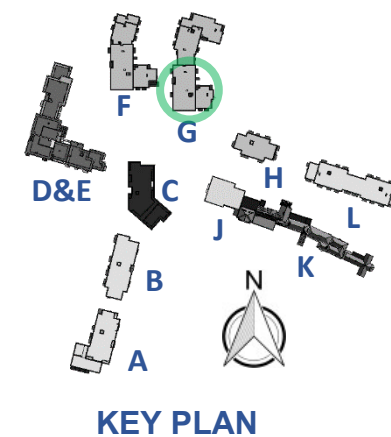
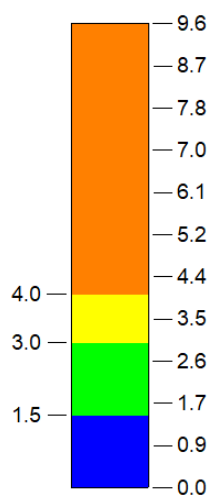
St Vincent’s Hospital Fairview Redevelopment



Block G – Eighth Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.

Exposure2Sunlight



| Block G | Pass | Fail | Total |
|---------------|------|------|-------|
| Ground Floor | 12 | 4 | 16 |
| First Floor | 17 | 3 | 20 |
| Second Floor | 20 | 2 | 22 |
| Third Floor | 20 | 2 | 22 |
| Fourth Floor | 16 | 1 | 17 |
| Fifth Floor | 17 | 0 | 17 |
| Sixth Floor | 10 | 0 | 10 |
| Seventh Floor | 7 | 0 | 7 |
| Eighth Floor | 7 | 0 | 7 |
| Total | 126 | 12 | 138 |
| | 91% | 9% | |

Daylight and Sunlight Analysis

St Vincent's Hospital Fairview Redevelopment

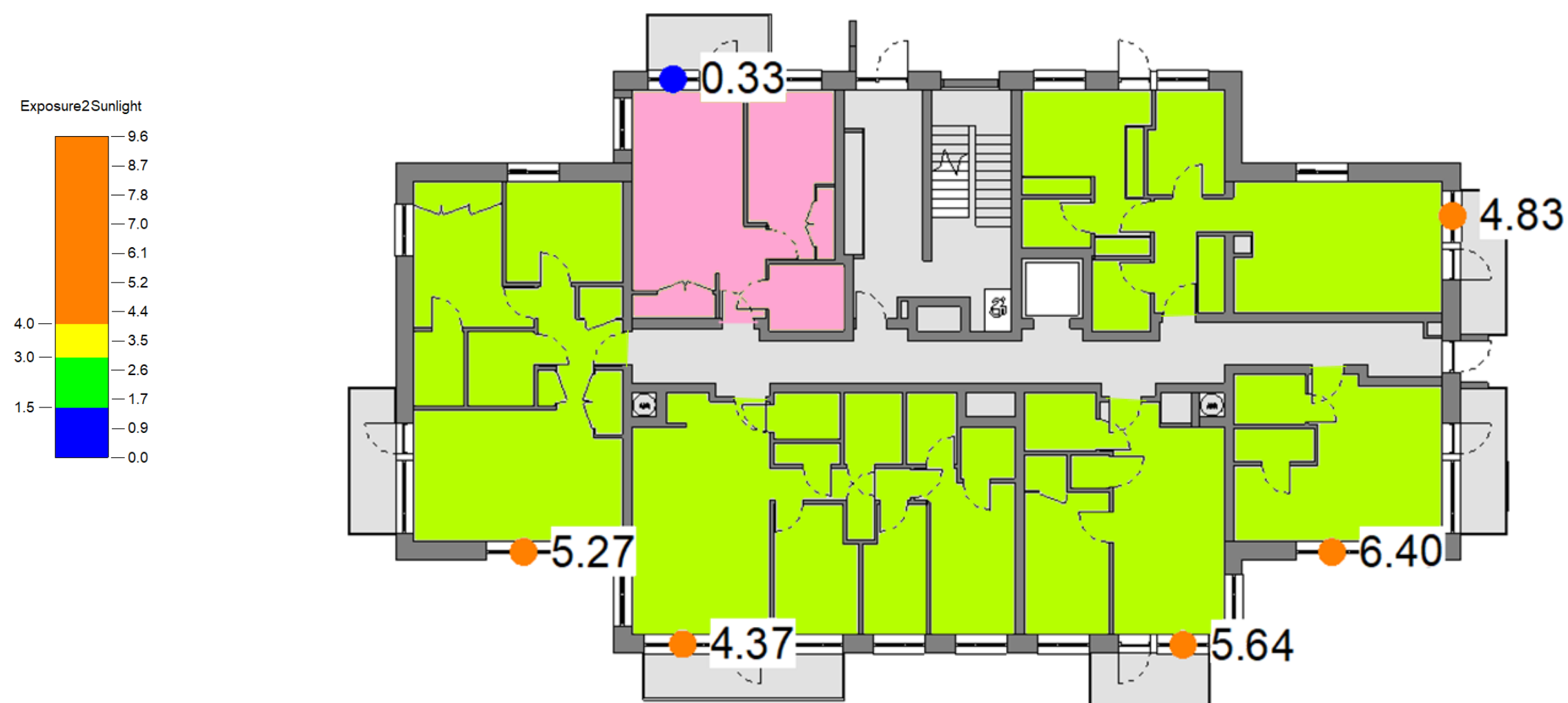
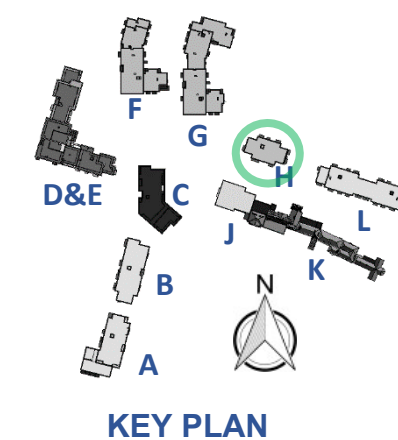


Results – Block H

Block H – Ground Floor

Sunlight Analysis as illustrated below, determined 1 unit on this block does not achieve the minimum recommendations.

The rest of the units achieve the minimum recommendations.



| Block H | Pass | Fail | Total |
|--------------|------------|------------|-----------|
| Ground Floor | 5 | 1 | 6 |
| First Floor | 5 | 1 | 6 |
| Second Floor | 5 | 1 | 6 |
| Third Floor | 5 | 1 | 6 |
| Fourth Floor | 5 | 1 | 6 |
| Total | 25 | 5 | 30 |
| | 83% | 17% | |

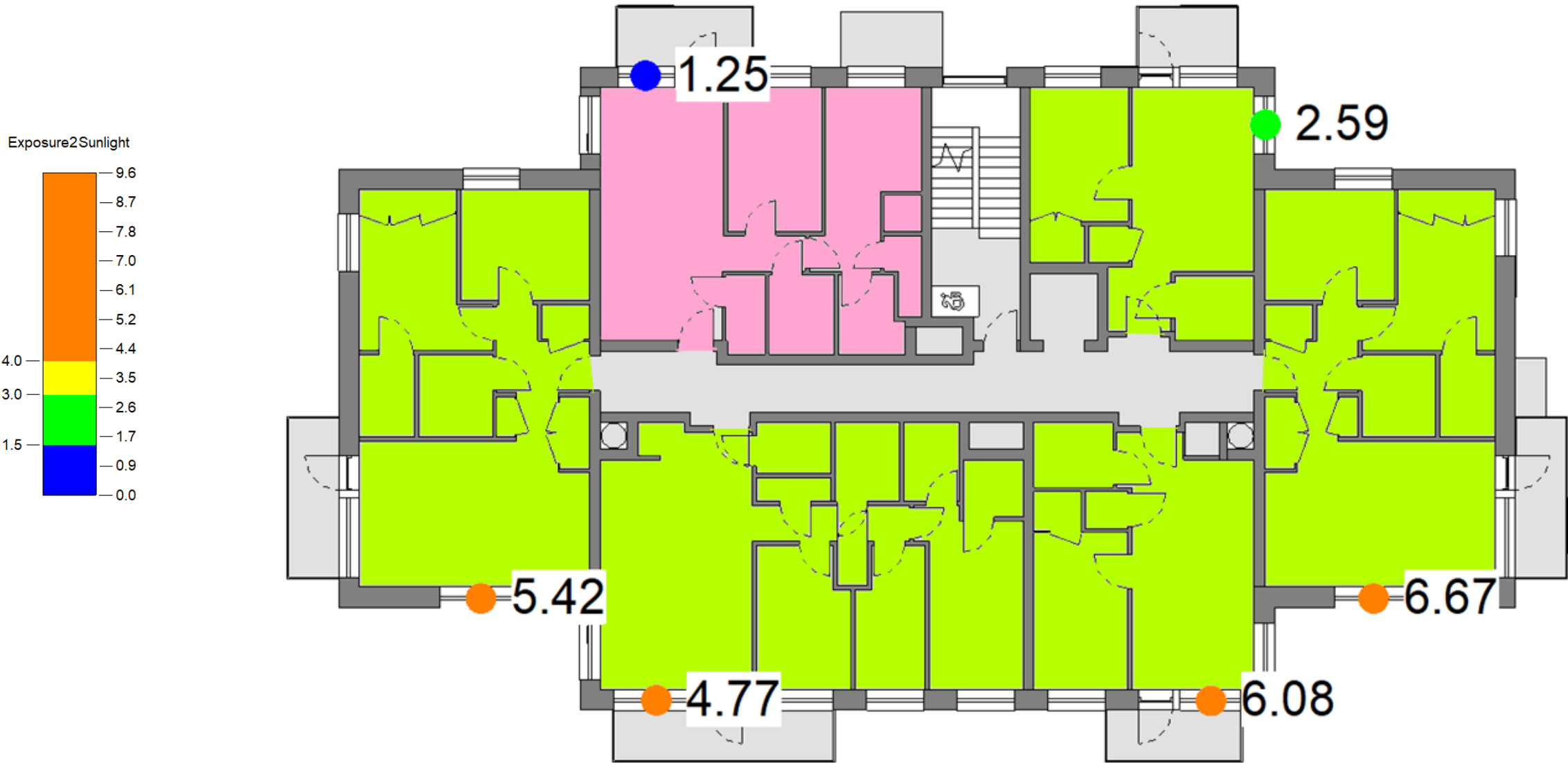
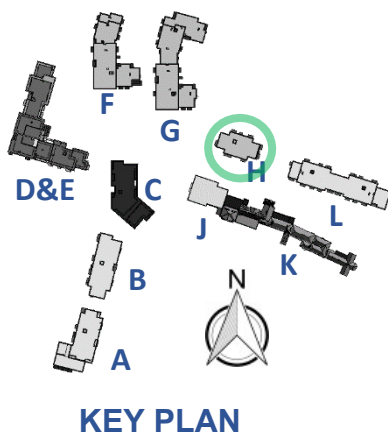
Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment



Block H – First Floor

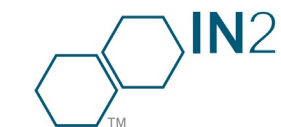
Sunlight Analysis as illustrated below, determined 1 unit on this block does not achieve the minimum recommendations.
The rest of the units achieve the minimum recommendations.



| Block H | Pass | Fail | Total |
|--------------|------|------|-------|
| Ground Floor | 5 | 1 | 6 |
| First Floor | 5 | 1 | 6 |
| Second Floor | 5 | 1 | 6 |
| Third Floor | 5 | 1 | 6 |
| Fourth Floor | 5 | 1 | 6 |
| Total | 25 | 5 | 30 |
| | 83% | 17% | |

Daylight and Sunlight Analysis

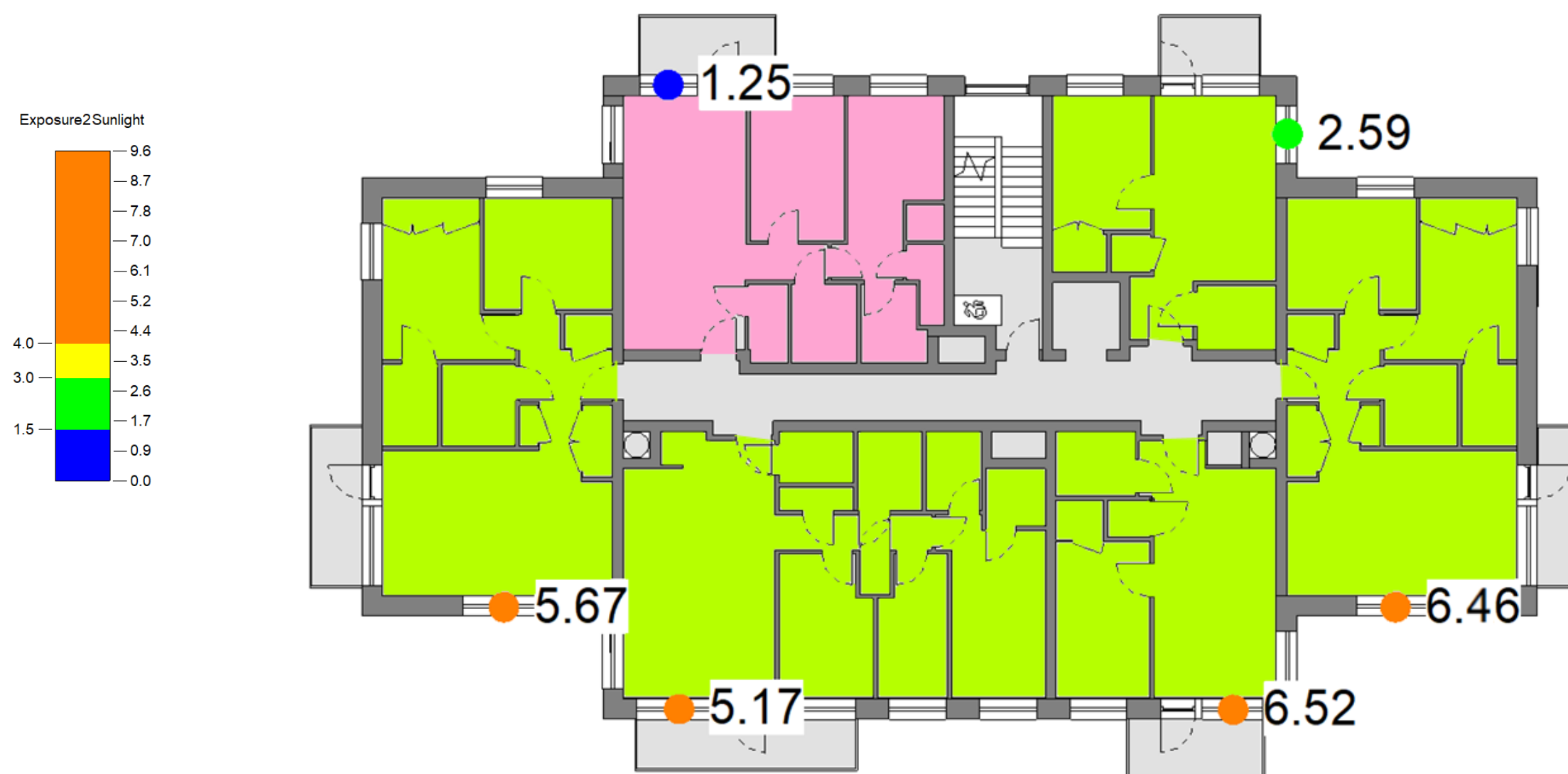
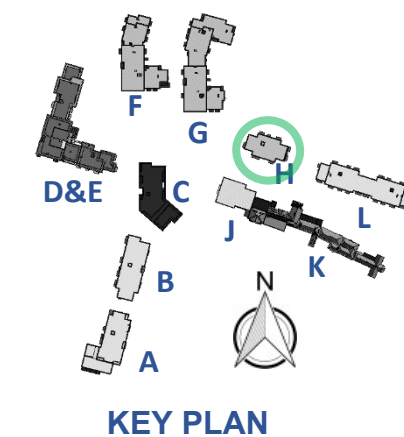
St Vincent's Hospital Fairview Redevelopment



Block H – Second Floor

Sunlight Analysis as illustrated below, determined 1 unit on this block does not achieve the minimum recommendations.

The rest of the units achieve the minimum recommendations.



| Block H | Pass | Fail | Total |
|--------------|------------|------------|-----------|
| Ground Floor | 5 | 1 | 6 |
| First Floor | 5 | 1 | 6 |
| Second Floor | 5 | 1 | 6 |
| Third Floor | 5 | 1 | 6 |
| Fourth Floor | 5 | 1 | 6 |
| Total | 25 | 5 | 30 |
| | 83% | 17% | |

Daylight and Sunlight Analysis

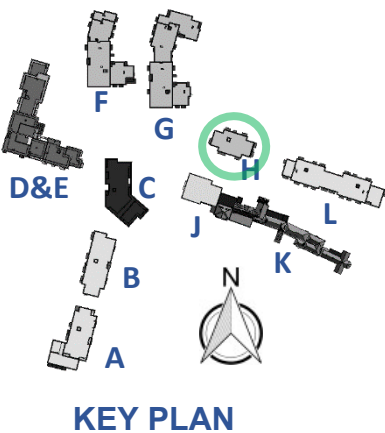
St Vincent’s Hospital Fairview Redevelopment



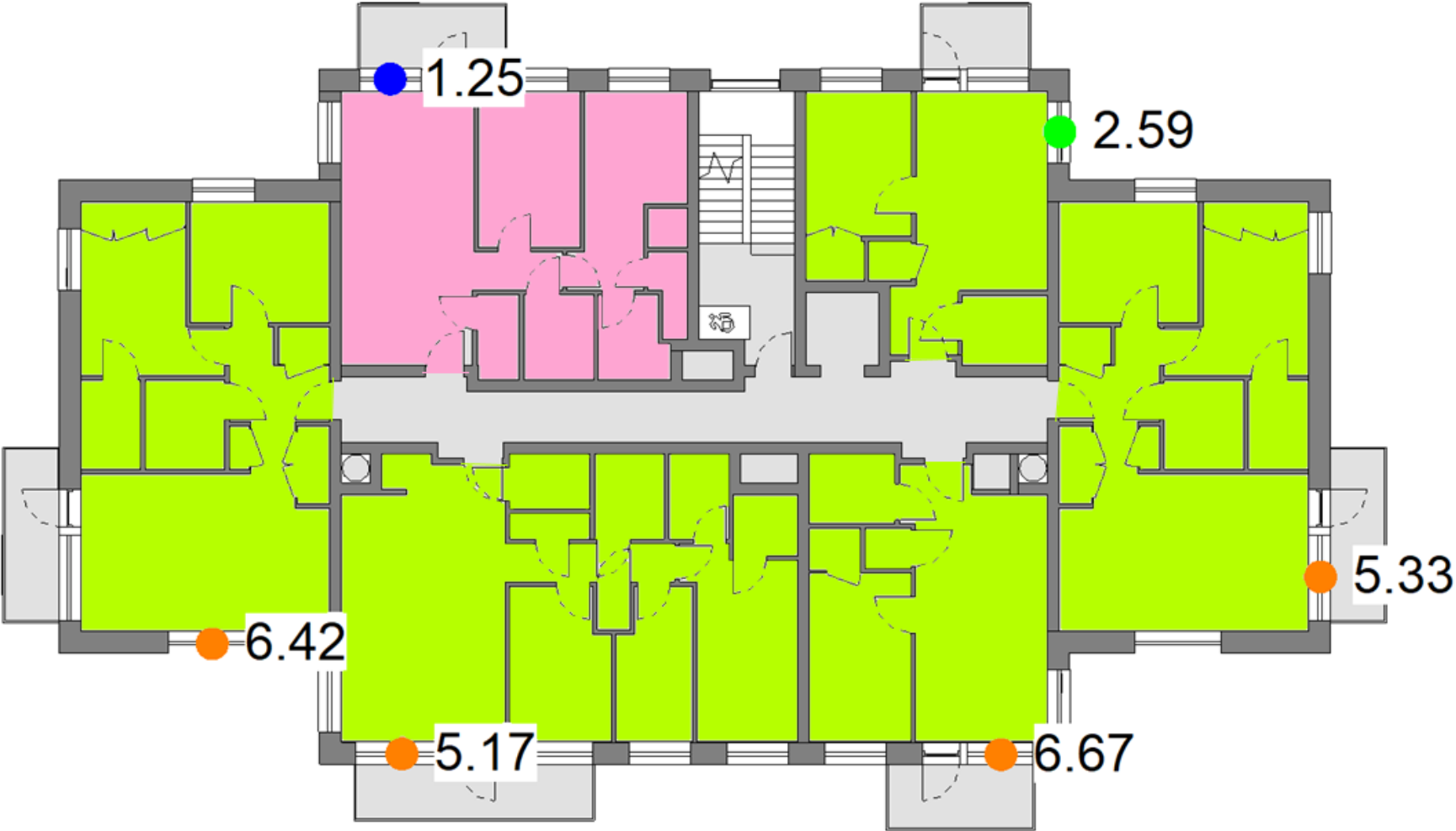
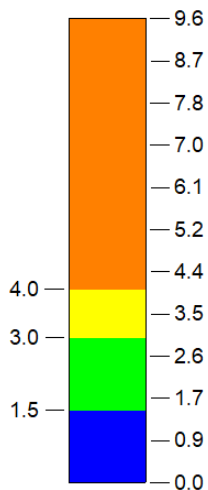
Block H – Third Floor

Sunlight Analysis as illustrated below, determined 1 unit on this block does not achieve the minimum recommendations.

The rest of the units achieve the minimum recommendations.



Exposure2Sunlight



| Block H | Pass | Fail | Total |
|--------------|------|------|-------|
| Ground Floor | 5 | 1 | 6 |
| First Floor | 5 | 1 | 6 |
| Second Floor | 5 | 1 | 6 |
| Third Floor | 5 | 1 | 6 |
| Fourth Floor | 5 | 1 | 6 |
| Total | 25 | 5 | 30 |
| | 83% | 17% | |

Daylight and Sunlight Analysis

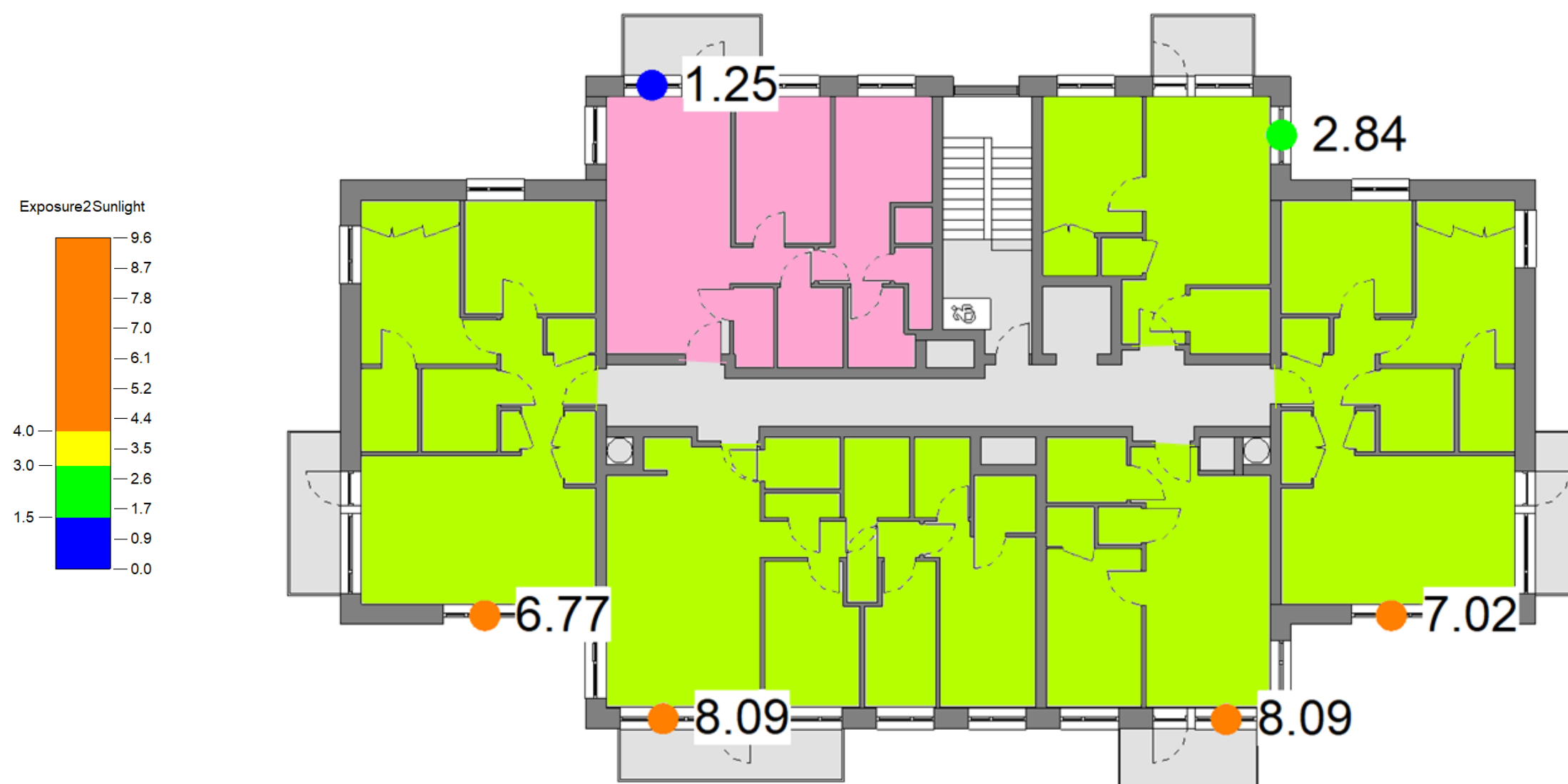
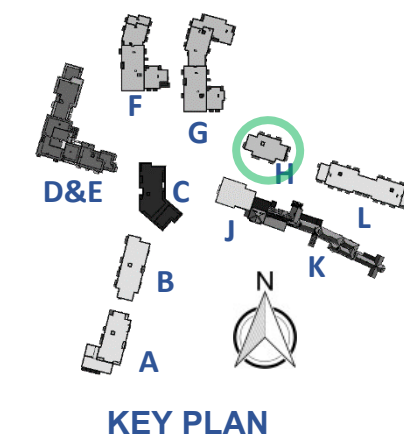
St Vincent's Hospital Fairview Redevelopment



Block H – Fourth Floor

Sunlight Analysis as illustrated below, determined 1 unit on this block does not achieve the minimum recommendations.

The rest of the units achieve the minimum recommendations.



| Block H | Pass | Fail | Total |
|--------------|------|------|-------|
| Ground Floor | 5 | 1 | 6 |
| First Floor | 5 | 1 | 6 |
| Second Floor | 5 | 1 | 6 |
| Third Floor | 5 | 1 | 6 |
| Fourth Floor | 5 | 1 | 6 |
| Total | 25 | 5 | 30 |
| | 83% | 17% | |

Daylight and Sunlight Analysis

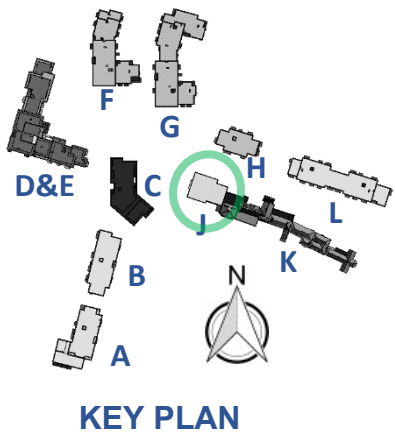
St Vincent’s Hospital Fairview Redevelopment



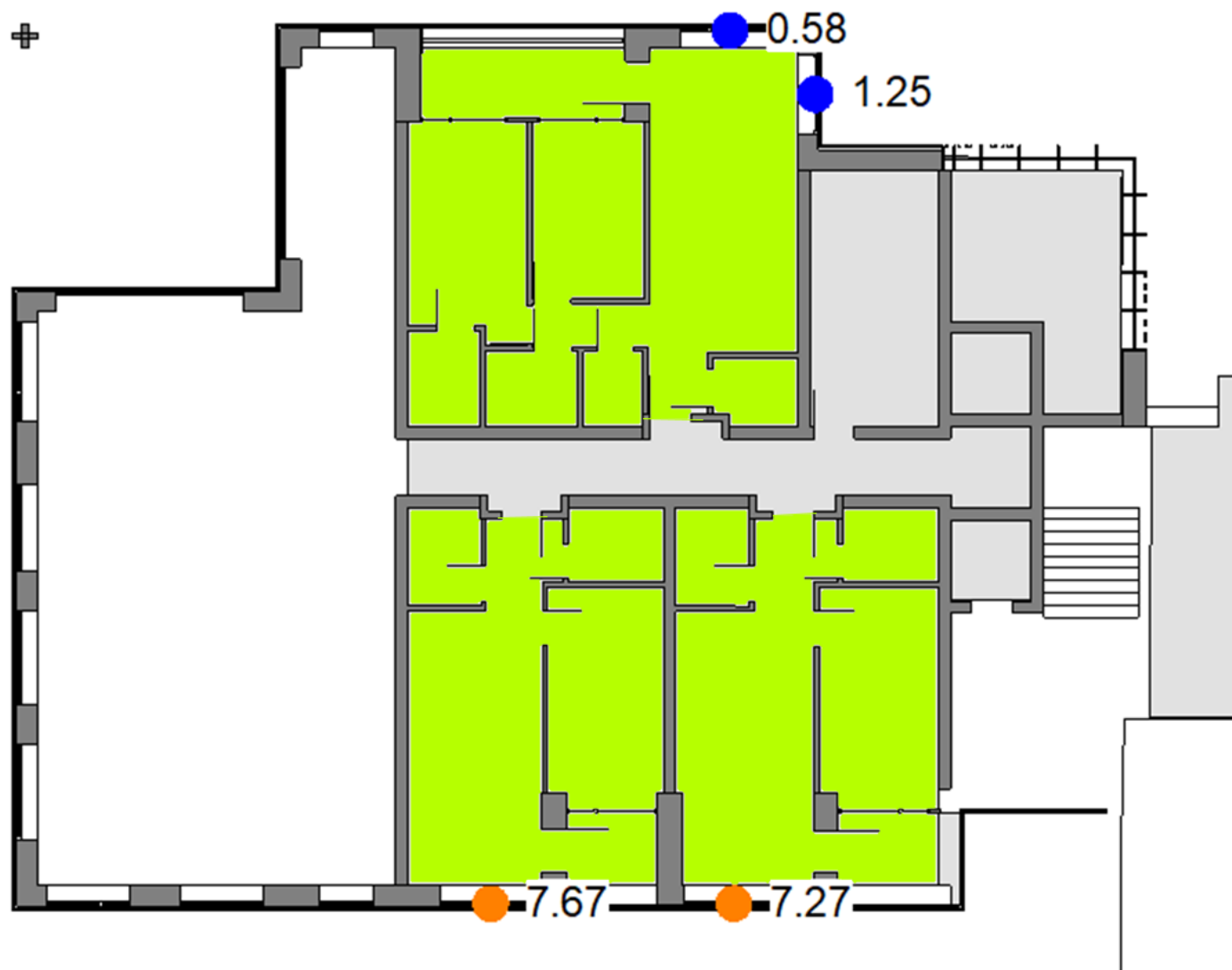
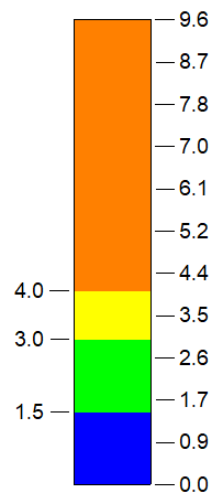
Results – Block J

Block J – First Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



Exposure2Sunlight



| Block J | Pass | Fail | Total |
|--------------|------|------|-------|
| First Floor | 3 | 0 | 3 |
| Second Floor | 5 | 0 | 5 |
| Third Floor | 5 | 0 | 5 |
| Total | 13 | 0 | 13 |
| | 100% | 0% | |

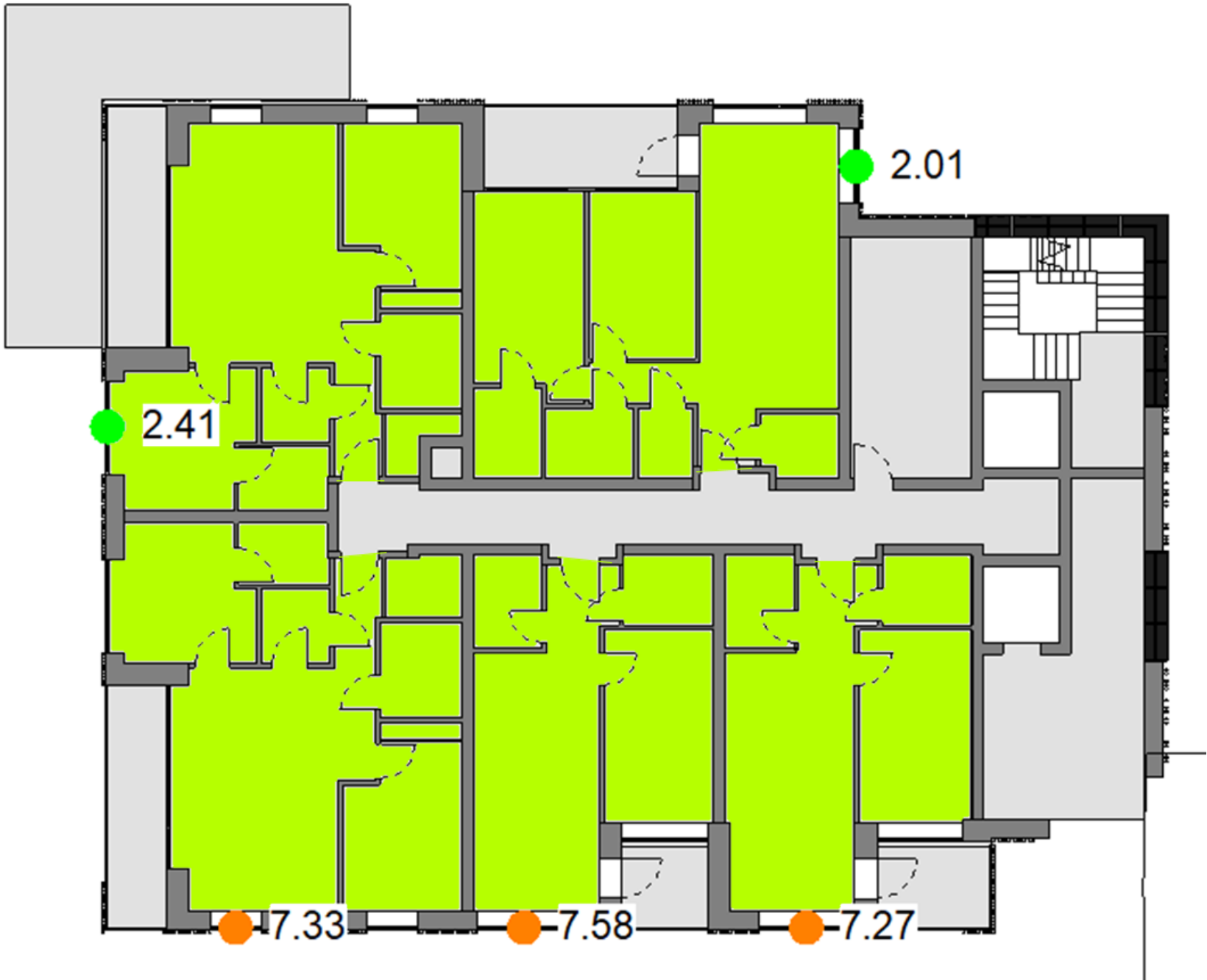
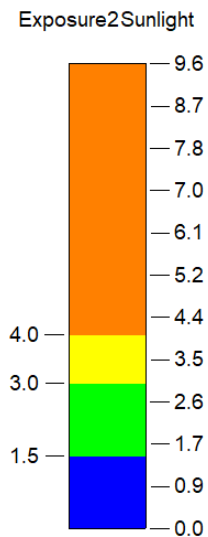
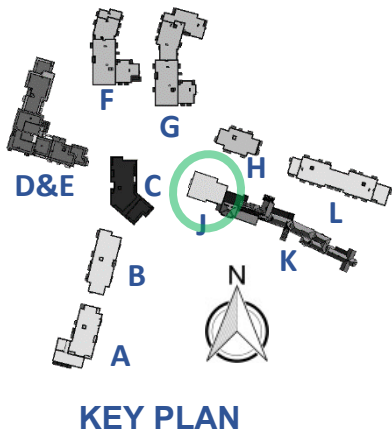
Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment



Block J – Second Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.



| Block J | Pass | Fail | Total |
|--------------|------|------|-------|
| First Floor | 3 | 0 | 3 |
| Second Floor | 5 | 0 | 5 |
| Third Floor | 5 | 0 | 5 |
| Total | 13 | 0 | 13 |
| | 100% | 0% | |

Daylight and Sunlight Analysis

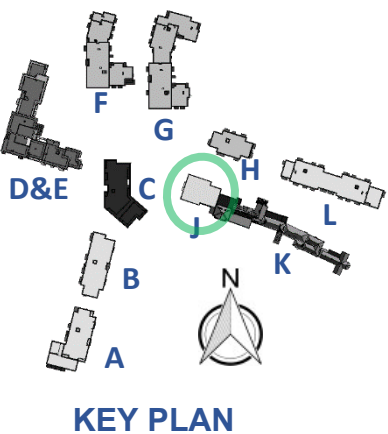
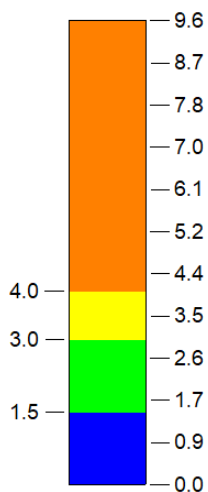
St Vincent’s Hospital Fairview Redevelopment



Block J – Third Floor

Sunlight Analysis as illustrated below, determined all units on this block achieve the minimum recommendations.

Exposure2Sunlight



| Block J | Pass | Fail | Total |
|--------------|------|------|-------|
| First Floor | 3 | 0 | 3 |
| Second Floor | 5 | 0 | 5 |
| Third Floor | 5 | 0 | 5 |
| Total | 13 | 0 | 13 |
| | 100% | 0% | |

Results – Block L

Block L – Ground Floor

Sunlight Analysis as illustrated below, determined 2 units on this block do not achieve the minimum recommendations.

The rest of the units achieve the minimum recommendations.



Daylight and Sunlight Analysis

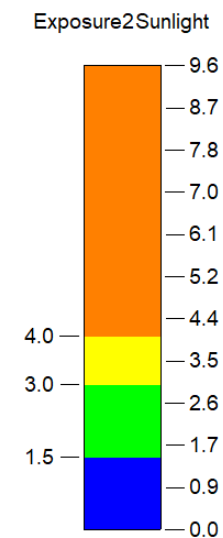
St Vincent’s Hospital Fairview Redevelopment



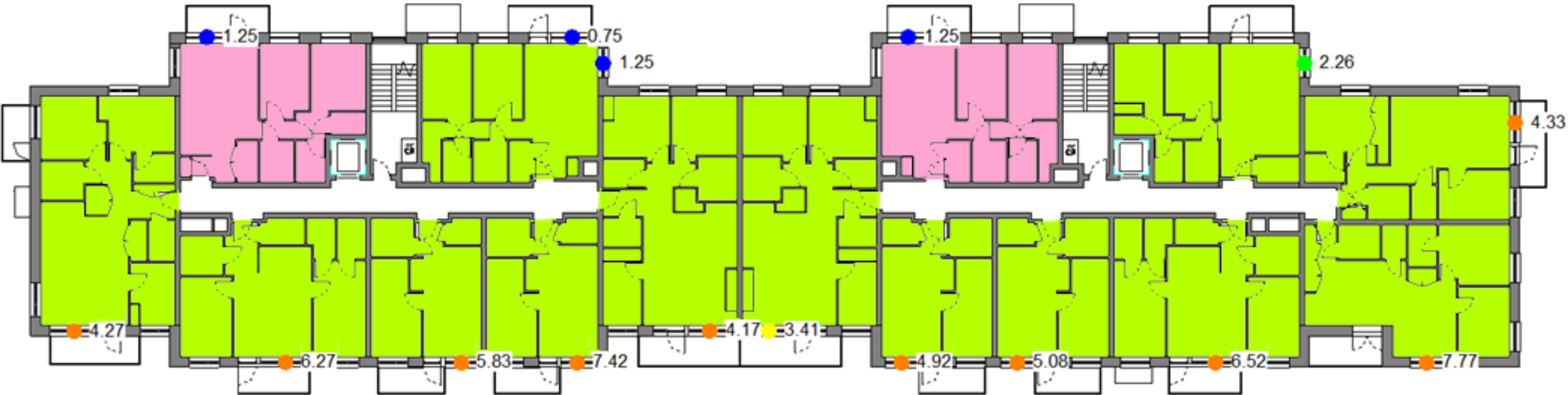
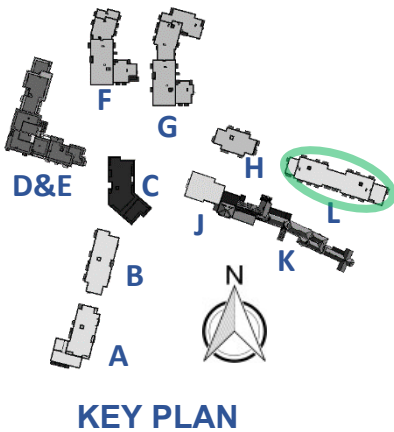
Block L – First Floor

Sunlight Analysis as illustrated below, determined 2 units on this block do not achieve the minimum recommendations.

The rest of the units achieve the minimum recommendations.



| Block L | Pass | Fail | Total |
|--------------|------|------|-------|
| Ground Floor | 14 | 2 | 16 |
| First Floor | 13 | 2 | 15 |
| Second Floor | 13 | 2 | 15 |
| Third Floor | 13 | 2 | 15 |
| Fourth Floor | 11 | 2 | 13 |
| Fifth Floor | 11 | 1 | 12 |
| Total | 75 | 11 | 86 |
| | 87% | 13% | |



Daylight and Sunlight Analysis

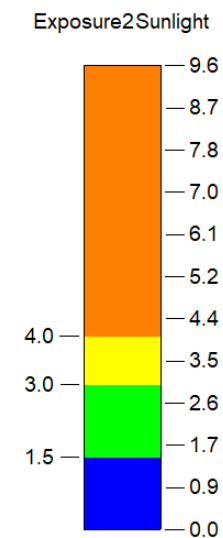
St Vincent’s Hospital Fairview Redevelopment



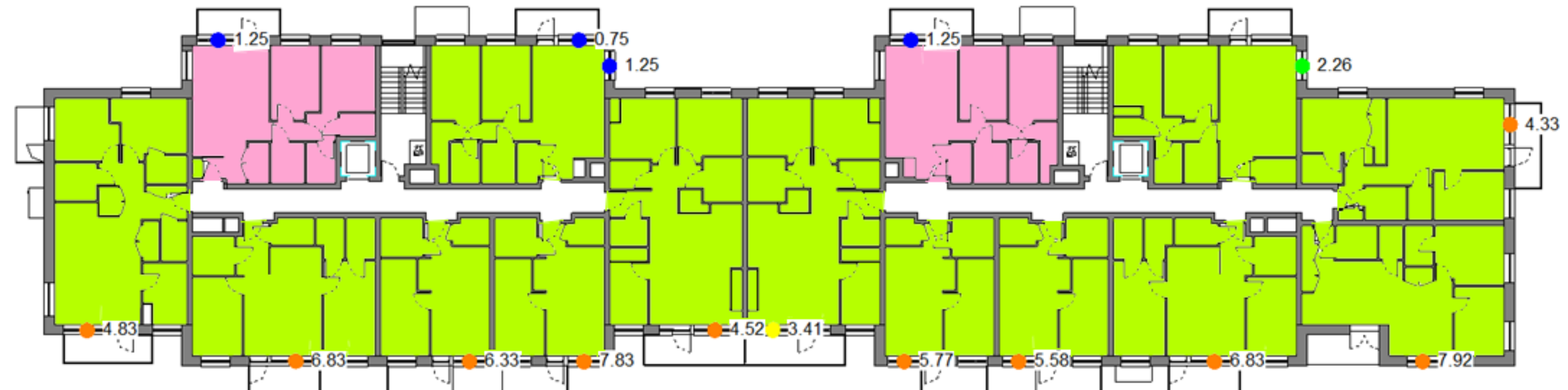
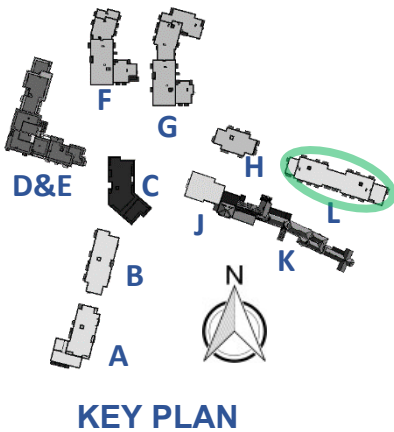
Block L – Second Floor

Sunlight Analysis as illustrated below, determined 2 units on this block do not achieve the minimum recommendations.

The rest of the units achieve the minimum recommendations.



| Block L | Pass | Fail | Total |
|--------------|------|------|-------|
| Ground Floor | 14 | 2 | 16 |
| First Floor | 13 | 2 | 15 |
| Second Floor | 13 | 2 | 15 |
| Third Floor | 13 | 2 | 15 |
| Fourth Floor | 11 | 2 | 13 |
| Fifth Floor | 11 | 1 | 12 |
| Total | 75 | 11 | 86 |
| | 87% | 13% | |



Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment

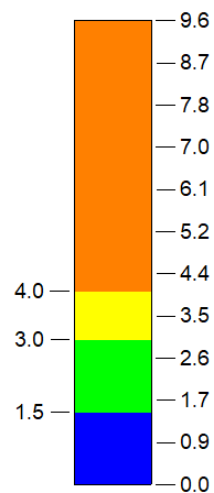


Block L – Third Floor

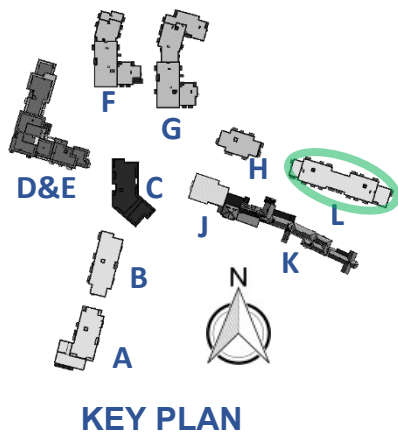
Sunlight Analysis as illustrated below, determined 2 units on this block do not achieve the minimum recommendations.

The rest of the units achieve the minimum recommendations.

Exposure2Sunlight



| Block L | Pass | Fail | Total |
|--------------|------|------|-------|
| Ground Floor | 14 | 2 | 16 |
| First Floor | 13 | 2 | 15 |
| Second Floor | 13 | 2 | 15 |
| Third Floor | 13 | 2 | 15 |
| Fourth Floor | 11 | 2 | 13 |
| Fifth Floor | 11 | 1 | 12 |
| Total | 75 | 11 | 86 |
| | 87% | 13% | |



Daylight and Sunlight Analysis

St Vincent’s Hospital Fairview Redevelopment

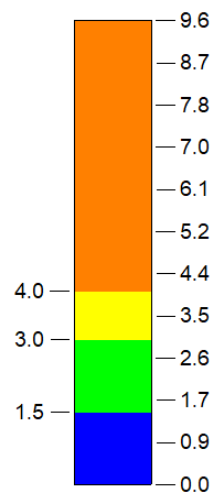


Block L – Fourth Floor

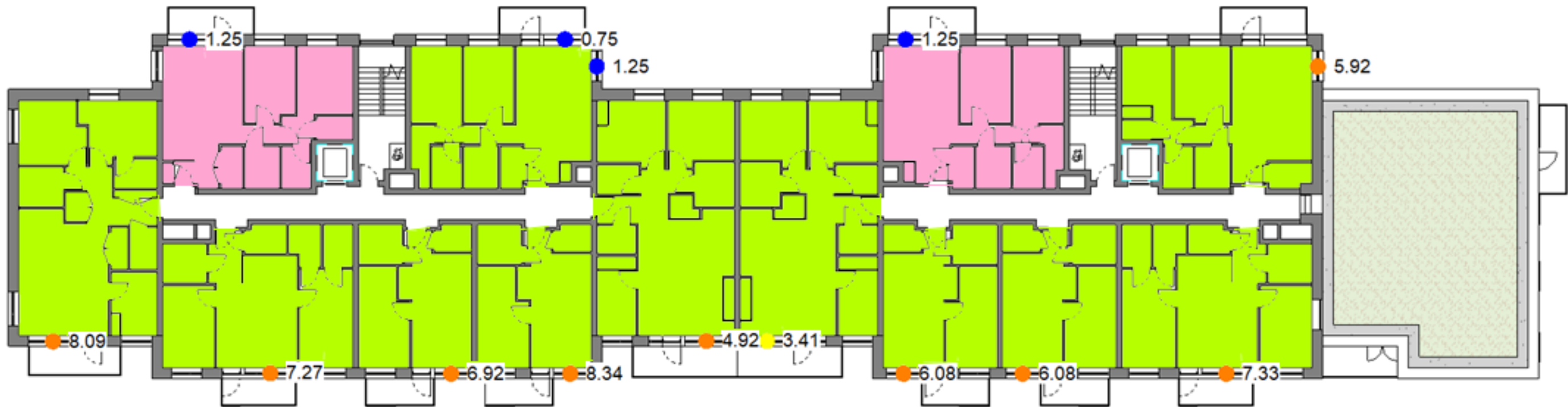
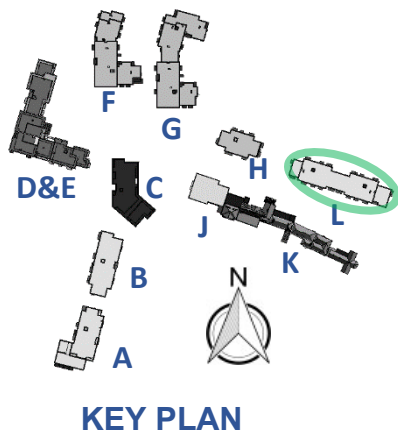
Sunlight Analysis as illustrated below, determined 2 units on this block do not achieve the minimum recommendations.

The rest of the units achieve the minimum recommendations.

Exposure2Sunlight



| Block L | Pass | Fail | Total |
|--------------|------|------|-------|
| Ground Floor | 14 | 2 | 16 |
| First Floor | 13 | 2 | 15 |
| Second Floor | 13 | 2 | 15 |
| Third Floor | 13 | 2 | 15 |
| Fourth Floor | 11 | 2 | 13 |
| Fifth Floor | 11 | 1 | 12 |
| Total | 75 | 11 | 86 |
| | 87% | 13% | |



Daylight and Sunlight Analysis

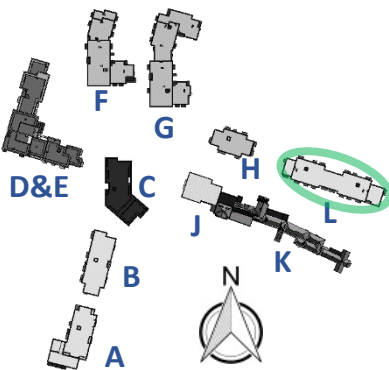
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Block L – Fifth Floor

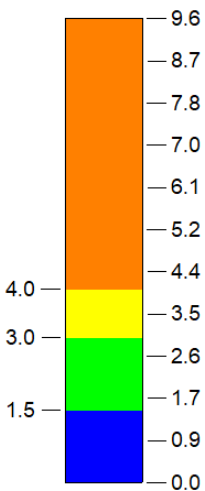
Sunlight Analysis as illustrated below, determined 1 unit on this block does not achieve the minimum recommendations.

The rest of the units achieve the minimum recommendations.

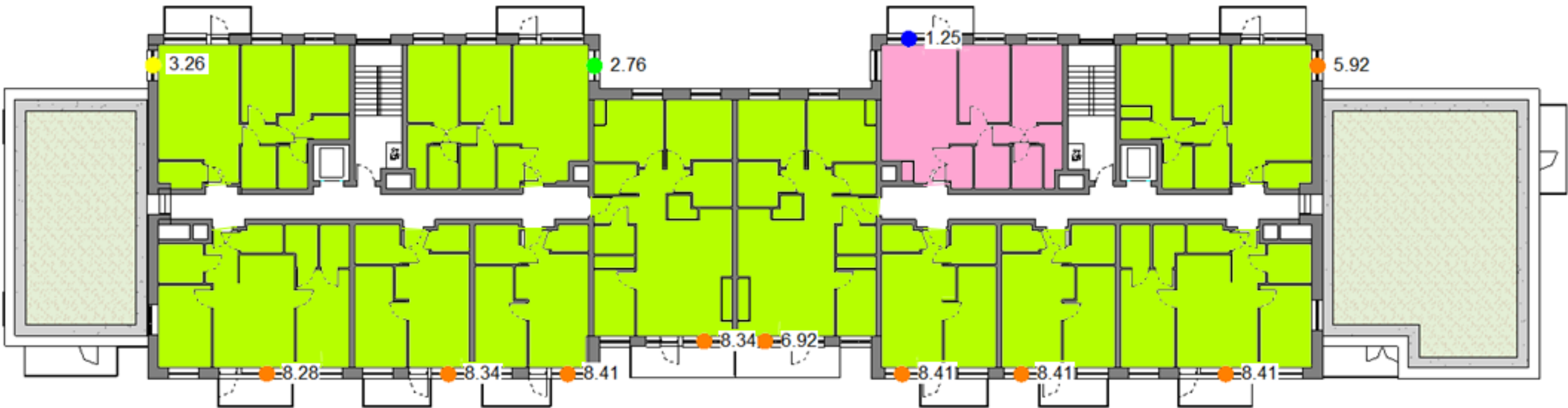


KEY PLAN

Exposure2Sunlight



| Block L | Pass | Fail | Total |
|--------------|------|------|-------|
| Ground Floor | 14 | 2 | 16 |
| First Floor | 13 | 2 | 15 |
| Second Floor | 13 | 2 | 15 |
| Third Floor | 13 | 2 | 15 |
| Fourth Floor | 11 | 2 | 13 |
| Fifth Floor | 11 | 1 | 12 |
| Total | 75 | 11 | 86 |
| | 87% | 13% | |



Appendix C

Impact of trees

Appendix C – Impact of Trees

The BRE guides provides the following guidance in relation to the impact of trees:

G1.1 Trees and hedges vary in their effects on skylight and sunlight. Most tree species will cast a partial shade $[G^1, G^2]$; for deciduous trees this will vary with time of year. However very little light can penetrate dense belts of evergreen trees, and the shade they cause will be more like that of a building or wall.

G1.2 It is generally more difficult to calculate the effects of trees on daylight because of their irregular shapes and because some light will generally penetrate through the tree crown. Where the effect of a new building on existing buildings nearby is being analysed, it is usual to ignore the effect of existing trees. This is because daylight is at its scarcest and most valuable in winter when most trees will not be in leaf.

The guide goes on to further note (paraphrased for relevance):

G2 Skylight in new dwellings obstructed by trees

G2.1 Sometimes, however, trees should be taken into account, for example where a new dwelling is proposed near to large existing trees.

G3 Sunlight in new dwellings obstructed by trees

G3.1 To assess sunlight provision to new dwellings, BS EN 17037 recommends the calculation of hours of sunlight received on a single day, assuming clear skies; 21 March is the suggested date. At this time of the year deciduous trees will not be in full leaf and therefore some sun will be expected to penetrate. However, it would be impossible to accurately simulate how the fragmented obstruction of a tree would obstruct direct sunlight to a point at a particular time.

G4 Sunlight in gardens with trees

G4.1 In assessing the impact of buildings on sunlight in gardens (see section 3.3), trees and shrubs are not normally included in the calculation unless a dense belt or group of evergreens is specifically planned as a windbreak or for privacy purposes. This is partly because the dappled shade of a tree is more pleasant than the deep shadow of a building (this applies especially to deciduous trees).

Therefore, for the purpose of the analysis within this report, the impact of the relevant trees was only included in the assessment of the internal daylight assessment.

Figure C.1 below shows the google maps images of the neighbouring dense trees and figure C.2 shows the representation allowed for in the assessment of the SDA results based on 3D survey information acquired from a third party.



Fig C.1 –Google Image of large existing trees.

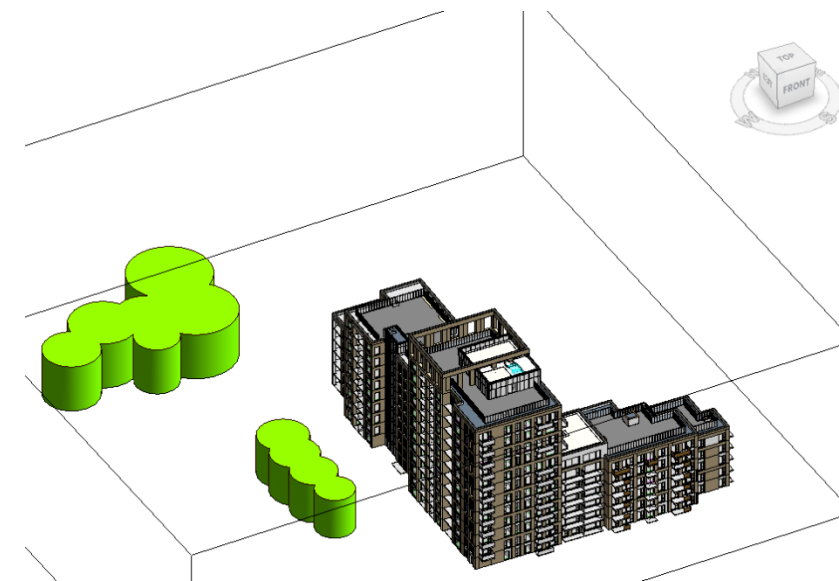


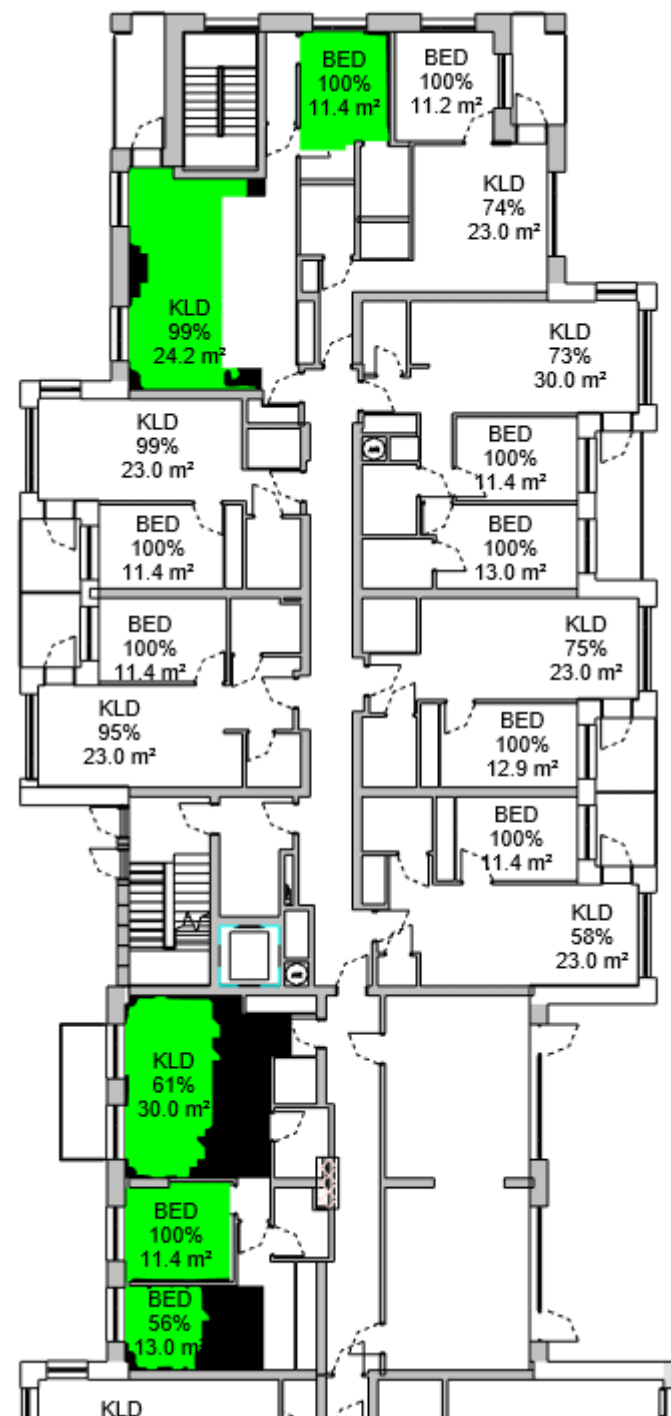
Fig C.2 –Modeled representation large existing trees for SDA assessment.

Below images illustrate the result of Spatial Daylight Autonomy (SDA) with the impact of trees.

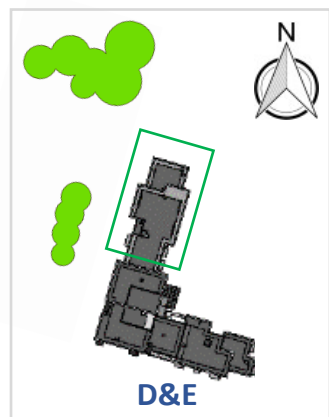
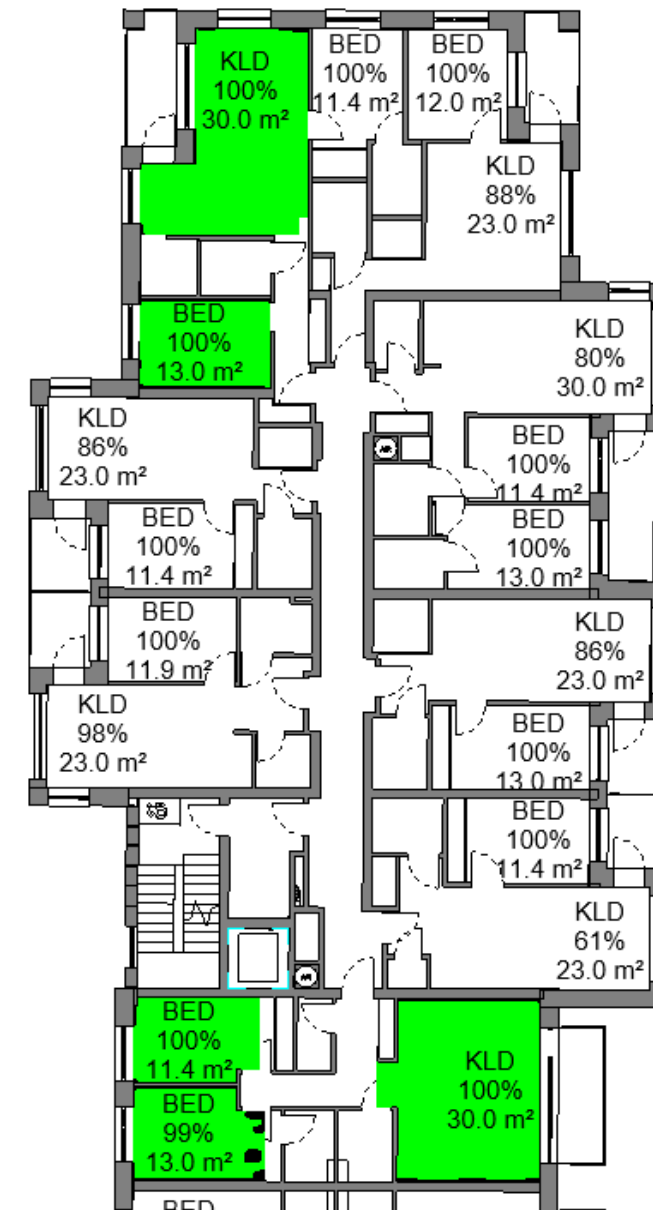
Presented 4no. units on level 00 and level 01 are found to still be compliant for SDA with more than 50% of the spaces are receiving daylight.

This concludes the trees around block DE do not have critical impact on daylight availability on the proposed scheme.

Level 00



Level 01



Appendix D

Site Shading Diagrams

Appendix D - Site Shading Diagrams

Equinox March 21st

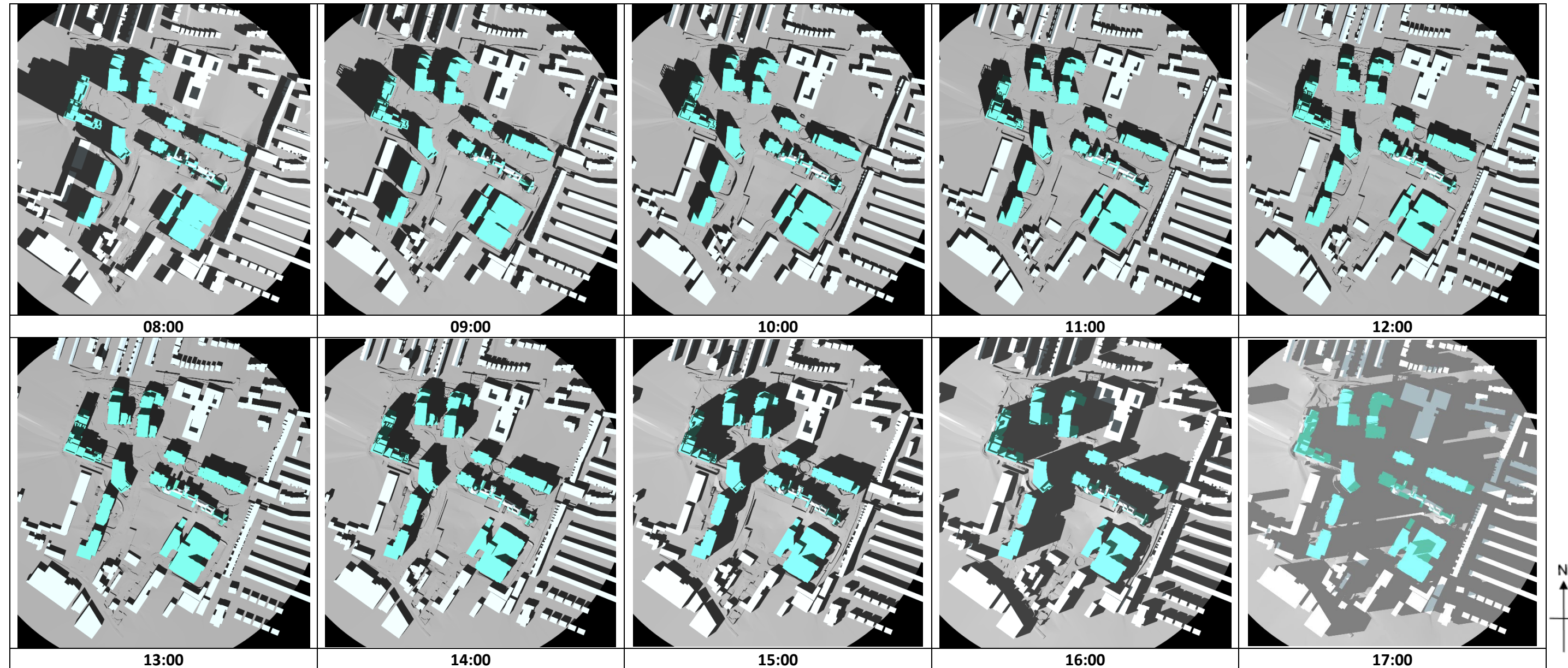


Fig D.1: Sunlight and Site Shading Diagrams - Equinox (March 21st): 08:00-17:00 hrs

The Site Shading diagrams in Fig D.1 illustrate that the proposed housing development is not predicted to cause undue overshadowing on neighbouring developments. Shadows from the proposed development are determined to remain within the confines of the proposed development site. Shading from buildings within the proposed development is not excessive, due to the considered approach taken to the site layout and building heights.

Summer Solstice June 21st

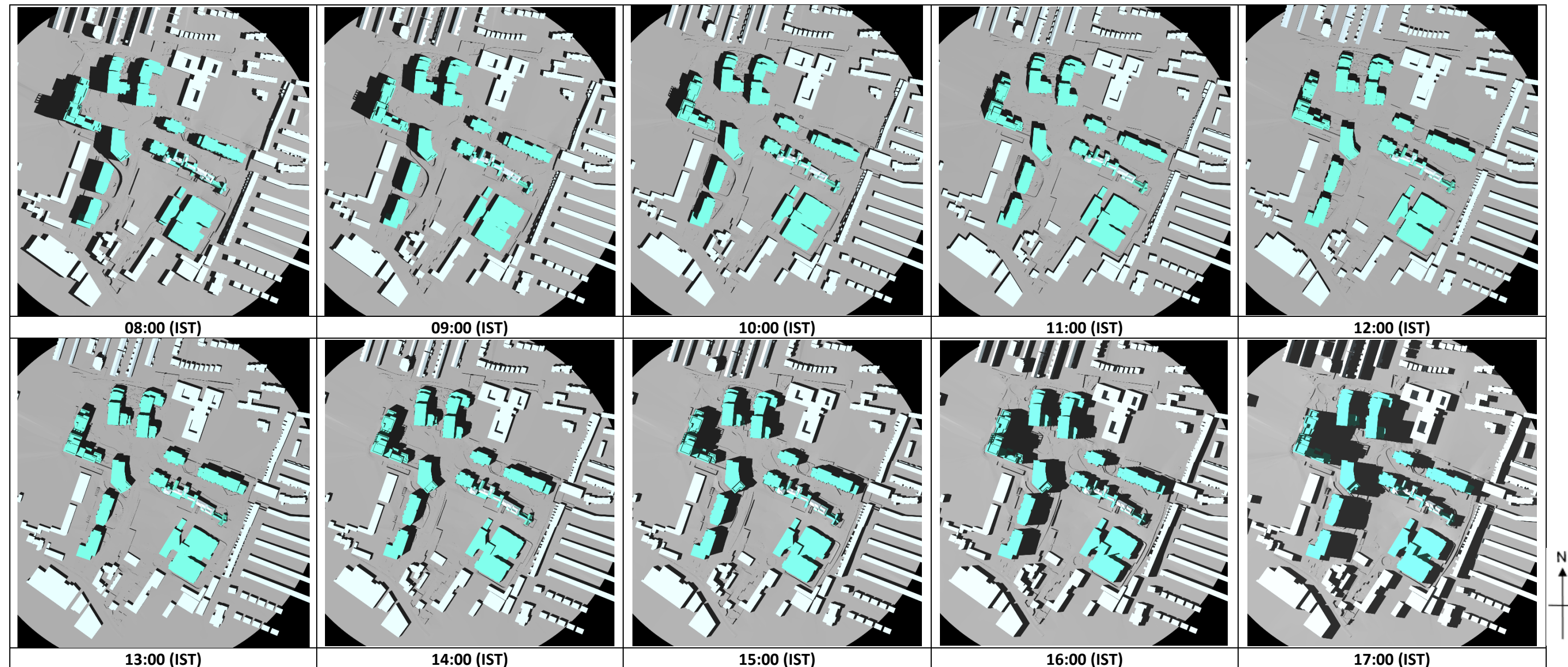


Fig D.2: Sunlight and Site Shading Diagrams - Summer Solstice (June 21st): 08:00-17:00 hrs

Whilst both winter and summer solstices have been included, it should be noted that the statistics of Met Eireann, the Irish Meteorological Service, indicate that the sunniest months in Ireland are May and June. During December, Dublin receives a mean daily duration of 1.7 hours of sunlight out of a potential 7.4 hours sunlight each day (i.e. only 22% of potential sunlight hours). This can be compared with a mean daily duration of 6.4 hours of sunlight out of a potential 16.7 hours each day received by Dublin during June (i.e. 38% of potential sunlight hours). Therefore, impacts caused by overshadowing are generally most noticeable during the summer months and least noticeable during the winter months. Due to the low angle of the sun in mid-winter, the shadow environment in all urban and suburban areas are generally dense tending to make the images confusing and superfluous.

Winter Solstice December 21st

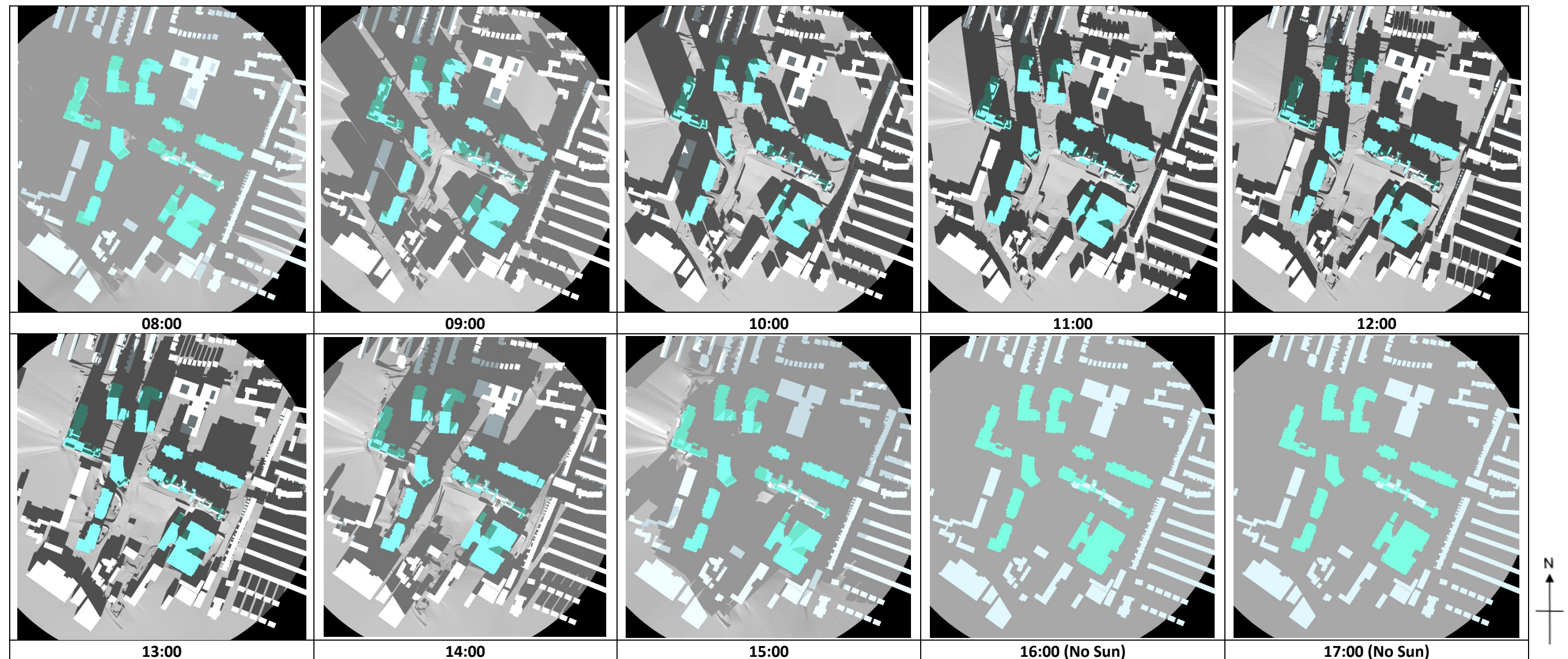


Fig D.3: Sunlight and Site Shading Diagrams - Winter Solstice (December 21st): 08:00-17:00 hrs

Whilst both winter and summer solstices have been included, it should be noted that the statistics of Met Eireann, the Irish Meteorological Service, indicate that the sunniest months in Ireland are May and June. During December, Dublin receives a mean daily duration of 1.7 hours of sunlight out of a potential 7.4 hours sunlight each day (i.e. only 22% of potential sunlight hours). This can be compared with a mean daily duration of 6.4 hours of sunlight out of a potential 16.7 hours each day received by Dublin during June (i.e. 38% of potential sunlight hours). Therefore, impacts caused by overshadowing are generally most noticeable during the summer months and least noticeable during the winter months. Due to the low angle of the sun in mid-winter, the shadow environment in all urban and suburban areas are generally dense tending to make the images confusing and superfluous.