



Daylight / Sunlight Assessment

**Proposed Strategic Housing Development at Belcamp,
Dublin 17**

April 2022

Waterman Moylan Consulting Engineers Limited

Block S, East Point Business Park, Alfie Byrne Road, Dublin D03 H3F4
www.waterman-moylan.ie



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Issue	Date	Prepared by	Checked by	Approved by
1	25-06-20	Andrew Cruise	Niall Coughlan	Niall Coughlan
2	14-04-22	Andrew Cruise	Niall Coughlan	Niall Coughlan
3	29-04-22	Andrew Cruise	Niall Coughlan	Niall Coughlan
4	05-05-22	Andrew Cruise	Niall Coughlan	Niall Coughlan

Comments

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1. Introduction

Waterman Moylan have been appointed to complete the sunlight and daylight analysis for the proposed residential development in Belcamp, Dublin 17. The purpose of this analysis is to determine if the various parameters associated with sunlight and daylight meet the recommendations of BRE document 'Site Layout Planning for Daylight and Sunlight: a Guide to Good Practice' Second Edition 2011.

The parameters assessed will include the following

- daylight factors within dwellings,
- sunlight to communal amenity areas and pocket parks within the proposed development,
- overshadowing caused by the proposed development within the subject site and existing adjacent properties,
- overshadowing caused by the proposed development on existing adjacent properties,
- vertical sky component to existing properties
- sunlight to existing property gardens

The proposed development has been analysed using a number of qualitative and quantitative methods to identify the areas of the development which were likely to receive the least daylight and to identify measures that could be taken to improve the daylight penetration. IES Virtual Environment simulation software was used to build a model of the proposed development to enable the necessary analysis to be completed.

The analysis of the Sunlight and Daylight for the site has been spilt into 2 reports, one relating to the area of the site within Fingal County Council lands and one relating to the area of the site in Dublin City Council Lands. This report relates only to the portion of the development within Fingal County Council's area of responsibility.

This Daylight Analysis Report presents the requirements set out in the relevant guidance documents, describes the methodologies employed to complete the analysis and details the results that were achieved.

2. Site Overview and Nature of Proposed Development

2.1 Site Location & Description

The site is located immediately adjacent to Malahide Road (R107), north of Mayne River. Phase 1 of Belcamp received grant permission by Fingal County Council in June 2017 under Reg. Ref. F15A/0609 and is currently under construction.

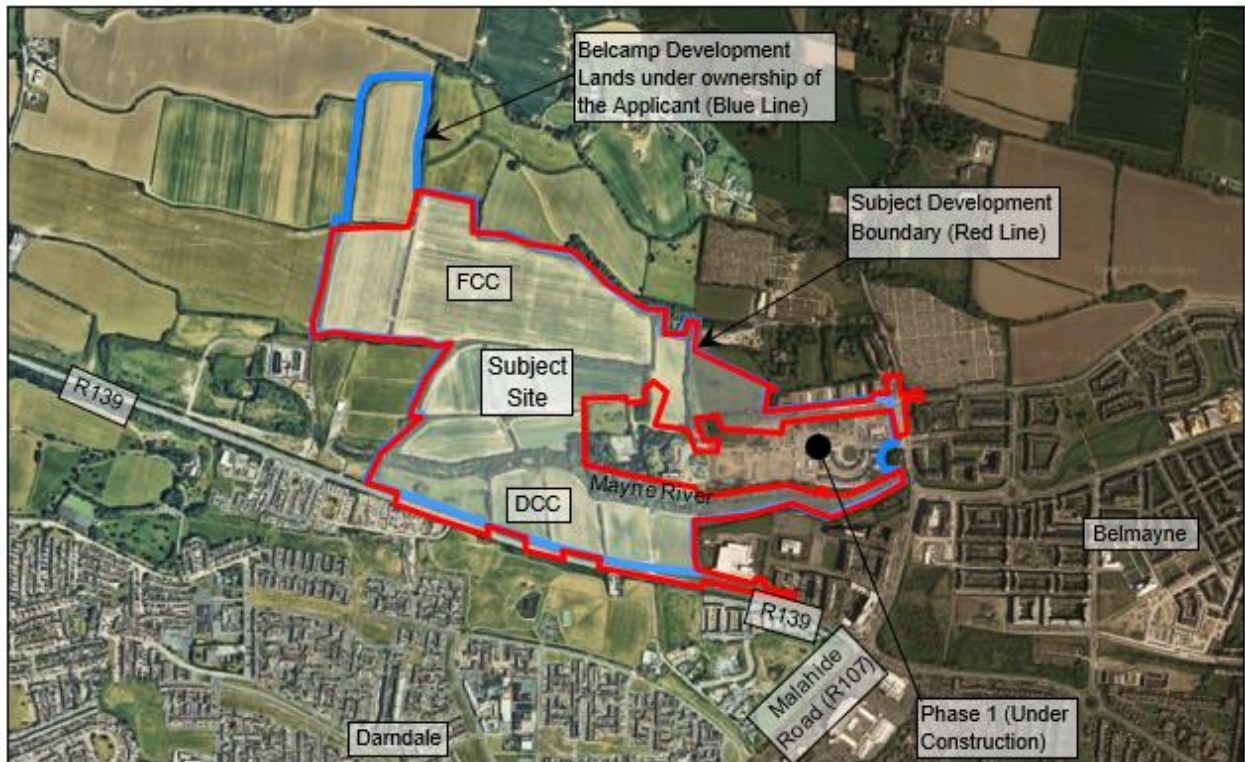


Figure 1 – Belcamp SHD Proposed Subject Site

2.2 Design Development Process

The daylight modelling results presented in Section 4 of this report have been achieved following a design development process between the Architect, Conroy Crowe Kelly and Waterman Moylan. Preliminary drawings were analysed for compliance and feedback was given to the Architect.

In areas where non compliances were identified, the Architect looked to improve the access to daylight by increasing window sizes where possible and by modifying the position of the balconies to minimise the over-shading of the living areas. These changes had a positive impact on the daylight levels achieved and these improved results are reported in Section 4.

2.3 Schedule of Accommodation – Apartments & Duplexes

The proposed development comprises a total of 473 houses, 274 duplexes and 1,779 apartment units in 18 no. blocks, all on a c.67.2 Ha site. All of the proposed houses/duplexes are in the northern portion of the site, within Fingal County Council, and there are 549 apartment units proposed in this portion of the site, with 1,230 apartment units proposed in the southern portion of the site, within Dublin City Council. The schedule of accommodation is set out in the Table below:

Description		1-Bed	2-Bed	3-Bed	4-Bed	Total Residential	Commercial Space
Dublin City Council	Block 1	94	139	40	-	273	-
	Block 2	71	73	16	-	160	-
	Block 3	96	176	25	-	297	925.8m ² (Café/Retail and Childcare)
	Block 4	70	178	37	-	285	-
	Block 5	37	51	8	-	96	-
	Block 6	19	80	20	-	119	-
	DCC Subtotal	387	697	146	0	1,230	925.8m²
Fingal County Council	Houses	-	16	385	72	473	-
	Duplexes	24	40	210	-	274	-
	Block A	8	15	-	-	23	-
	Block B	8	15	-	-	23	-
	Block C	7	20	-	-	27	-
	Block D	22	15	5	-	42	1,020.5m ² Pub/Restaurant & Retail
	Block F	44	56	3	-	103	1,162.0m ² Café/Bar/Restaurant & Retail
	Block G	29	36	-	-	65	140.0m ² Retail
	Block H	20	26	-	-	46	-
	Block J	16	24	-	-	40	472.0m ² Retail
	Block L	20	26	-	-	46	-
	Block M	24	32	-	-	56	-

Description		1-Bed	2-Bed	3-Bed	4-Bed	Total Residential	Commercial Space
	Block N	26	25	5	-	56	-
	Block P	5	18	-	-	23	-
	Crèche	-	-	-	-	-	606.7m ² Childcare
	Clubhouse	-	-	-	-	-	97.0m ² Changing Rooms
	FCC Subtotal	253	364	608	72	1,297	3,498.2m²
	TOTAL	640	1,061	754	72	2,527	4,424.0m²

3. Relevant Standards and Assessment Approach

This Daylight and Sunlight Assessment follows the methodologies set out in the Building Research Establishment's (BRE) publication entitled "**Site Layout Planning for Daylight and Sunlight. A Guide to Good Practice**" (Building Research Establishment Report, 2011). This document is considered to be one of the primary sources of guidance on the subject of daylight and sunlight in residential developments and BS 8206-2008 – 'Lighting for Buildings – Part 2: Code of Practice for Daylight'.

Guidance on daylight levels in residential buildings is also provided in **British Standard (BS) 8206: Part 2 – Code of Practice for Daylighting**. Both the BRE document and BS 8206 describe similar approaches to assessing daylight levels in residential buildings and set the same minimum performance levels for daylighting. The BRE document refers to BS 8206 and provides more practical advice and greater clarity around the assessment methodologies and will therefore form the basis for the assessment described in this report.

It is noted that BS 8206-2:2008: Lighting for buildings - Part 2: Code of practice for daylighting was replaced with BS EN 17037:2018 Daylight in Buildings (and the corresponding Irish Standard IS EN17-037: 2018). However, given that the Sustainable Urban Housing: Design Standards for New Apartments Guidelines for Planning Authorities refer to the BS 8206-2:2008 and not to BS EN 17037:2018, BS 8206:2008 has been referenced in the preparation of this report.

IS EN 17037:2018 suggests similar methodologies for assessing the daylight levels within proposed dwellings however the targets values that should be achieved are expressed in a different manner. In the United Kingdom, a British National Annex has been adopted which stipulates compliance standards that should be achieved. No Irish Annex has yet been developed. Initial analysis and comparison of the BS8206-2 compliance requirement and those stipulated in the British National Annex to BS EN 17037 suggests that the compliance levels of both standards are similar.

The BRE "Site Layout Planning for Daylight and Sunlight. A Guidance to Good Practice" sets out a number of key parameters and assessment methodologies that should be measured in order to assess the sunlight & daylight penetration into the buildings within a proposed development and also sets out the analysis that should be carried out to assess the impact of a proposed development might have on existing adjacent properties.

3.1 Assessment Methodologies

The BRE report identifies a number of metrics that can be used to assess the levels of daylight that can be expected in a dwelling

3.1.1 Angle of Visible Sky

The Angle of Visible Sky can be used to provide a qualitative assessment of the amount of daylight that can be expected based on the angle between the mid pane of the window a continuous obstruction opposite to it.

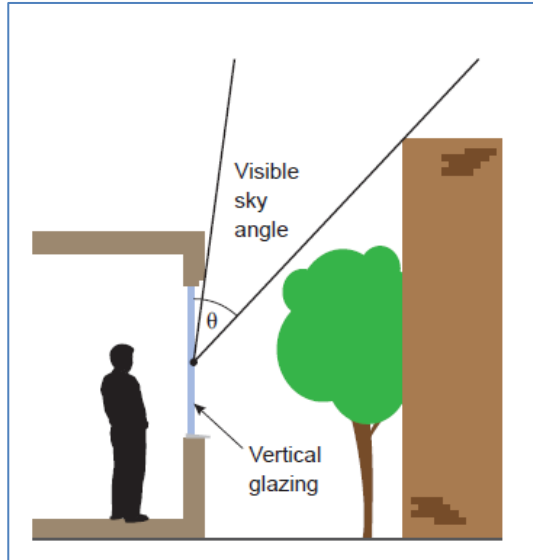


Figure 2 – Angle of Visible Sky (θ)

3.1.2 Vertical Sky Component (VSC)

A proposed development could potentially have a negative effect on the level of daylight that a neighbouring property receives, if the obstructing building is large in relation to their distance from the existing dwelling. To ensure a neighbouring property is not adversely affected, the Vertical Sky Component (also referred to as VSC) is calculated and assessed.

The Vertical Sky Component (VSC) is the ratio of direct sky illuminance that falls on a vertical wall at a particular reference point to the simultaneous horizontal illuminance under an unobstructed sky. The maximum VSC is typically 40% for an unobstructed wall. The assessment of VSC assumes that the sky is completely overcast (CIE Overcast Sky), with no direct sunlight. As the sky model brightness is assumed unidirectional, there is therefore no difference in calculation for VSC for different orientations: i.e., Northerly aspect facades will receive identical natural light potential to Southerly, etc.

The Angle of Visible Sky and the VSC are effectively different ways of representing the same information, both will allow an assessment to be made of the day light available at a point on a building façade, and by extension the likelihood of adequate daylight being available within the rooms of a building, however they do not provide a method for measuring the specific internal daylight levels.

3.1.3 Average Daylight Factor (ADF)

The ADF is the ratio of illuminance at a point on a given plane due to light received from a sky of known or assumed luminance distribution, to illuminance on a horizontal plane due to an unobstructed hemisphere of this sky. Similar to the measurement of VSC, the assessment of ADF is also based on the CIE Overcast Sky.

The Average Daylight Factor does provide a method for making a quantitative assessment of the daylight that will be achieved internally. The ADF is assessed using numerical modelling which takes account of the external factors (such as shading from balconies or other buildings), the size and shape of the windows and the internal room layouts.

BS 8206-2 Code of Practice for daylighting, states that *“below 2% the room will look dull and electric lighting is likely to be turned on. In residential developments, both the BRE guidance and BS 8206-2 also give minimum value of ADF of 2% for kitchens, 1.5% for living rooms and 1% for bedrooms.”*

Where rooms are combined, e.g. a Kitchen and Living Area, the higher of the two minimum ADFs is identified as the target. Therefore, for the purpose of demonstrating compliance, 2% is identified as the minimum required ADF in kitchen/livings areas.

In assessing a scheme of the size that proposed for the Auburn site, the most effective way to assess the overall daylight levels in the scheme is to use a combination of the methods described above. Sectional views of apartments will be assessed to determine which apartments will have the lowest value for the Angle of Visible Sky, then, once these apartments have been identified, ADF calculations will be carried on these units to confirm the actual level of daylight that will be achieved.

3.1.4 Sunlight to Amenity

The BRE guidelines recommend that for external amenity spaces to appear adequately sunlit throughout the year, at least 50% of the amenity space should receive at least two hours of sunlight on March 21st. In order to prove that sunlight levels to amenity spaces achieve compliance a dynamic simulation was carried out using IES VE SunCast.

The amenity spaces were accurately imported to IES VE via Auto CAD dxf files, and the footprint of the amenity area was traced and the geometry (position, bulk and height) of all proposed building structures were included in order to perform accurate IES VE SunCast simulations.

3.1.5 Annual Probable Sunlight Hours – Existing Properties

Annual probable sunlight hours (APSH) are a measure of sunlight a given window may expect over the period of a one year. The BRE guidance recognises that sunlight is heavily influenced by orientation with north facing windows receiving significantly less sunlight than south facing windows throughout the year with eastwards or westwards windows receiving sunlight at certain points of each day.

If the assessment point of a window can receive more than 25% of APSH, including at least 5% of APSH in the winter months, then the room should receive enough sunlight.

To determine the impact the proposed development may have on the existing properties a dynamic simulation was carried out using IES VE software. In order to calculate and objectively determine the impact to the existing properties, simulations were performed modelling the existing properties before introducing the proposed development to establish a baseline.

3.1.6 Vertical Sky Component – Existing Properties

This assessment used receptors on the existing properties surrounding the proposed development in order to analyse the impact the proposed development may have on these existing dwellings.

A visual survey of the existing properties was carried out using 'Google – Earth' to identify windows (receptors) which look onto the proposed development to determine if there was a significant drop in illuminance due to obstructions from the auburn site.

4. Daylight Assessment of Dwellings

As discussed in Section 3, a combination of methods was used to make an assessment of the daylight levels that will be achieved within the various apartments within the development. This assessment systematically identified the apartments that will have the most restricted access to daylight based on BRE recommended Vertical Sky Angle obstruction angle of between 25° - 45°.

4.1 Angle of Visible Sky Assessment

In order to use the Angle of Visible Sky method to critically assess the scheme, a series of sections through the buildings were analysed to determine which apartments had the least advantageous "Angle of Visible Sky" as these are the apartments that are likely to perform the worst in terms of Average Daylight Factor.

Due to the low rise nature of the scheme overall and the fact that the apartment blocks are generally well spaced out, the majority of apartments have a favourable Angle of Visible Sky. This analysis did however highlight the fact that the apartments on the lower levels of apartment blocks had the least favourable value due to the fact that the blocks were located next to each other and due to the geometry of some of the balconies.

As such, these units were the focus of the initial Average Daylight Factor ADF analysis. This initial analysis identified rooms where the ADF did not meet the required minimum standards and where changes needed to be made. Waterman Moylan liaised with CCK to identify the required changes and to remodel the performance of the changes made. Once satisfied that these changes had the desired effect, they were implemented. ADF modelling was then completed for all units in apartment blocks and duplex blocks, starting at ground level and working up through the floors.

4.2 Average Daylight Factor Assessment

Having analysed the scheme as described in Section 4.1 above to identify the apartments that were not achieving the minimum standard and to work with the architect to make the necessary changes, a systematic ADF modelling approach was then undertaken to work through all apartments in the scheme.

This involved the use of **IES Virtual Environment program Radiance** to systematically model apartments at through each level in the Apartment Blocks and Duplex Blocks to determine compliance with the required standards.

The results of this modelling exercise are shown in Tables 1 to 29 in Section 4.2.2 for every living area and bedroom in all apartments in Apartment Blocks and kitchen/living/dining rooms & bedrooms in the Duplex Blocks.

The average daylight factor results are visually represented using daylight mapping images for each area, as indicated in the examples in Figures 3, 4 & 5. The daylight mapping images indicate the daylight levels in a space each space. They are represented through coloured bands which indicate the level of daylight in each part of the room.

The average daylight factor generate in Figure 3 to 5 shows the level daylight received ranging from 14.25% (red band) to 0.75% (blue band). These images show how the level of daylight reduces as the distance from the window increases. The average daylight factor in each space is an average of each of

the varying levels of daylight throughout the room. Figures 3-5 are examples of 3 typical rooms. Full mapping for each floor of each of the assessed buildings is provided in Appendix A.

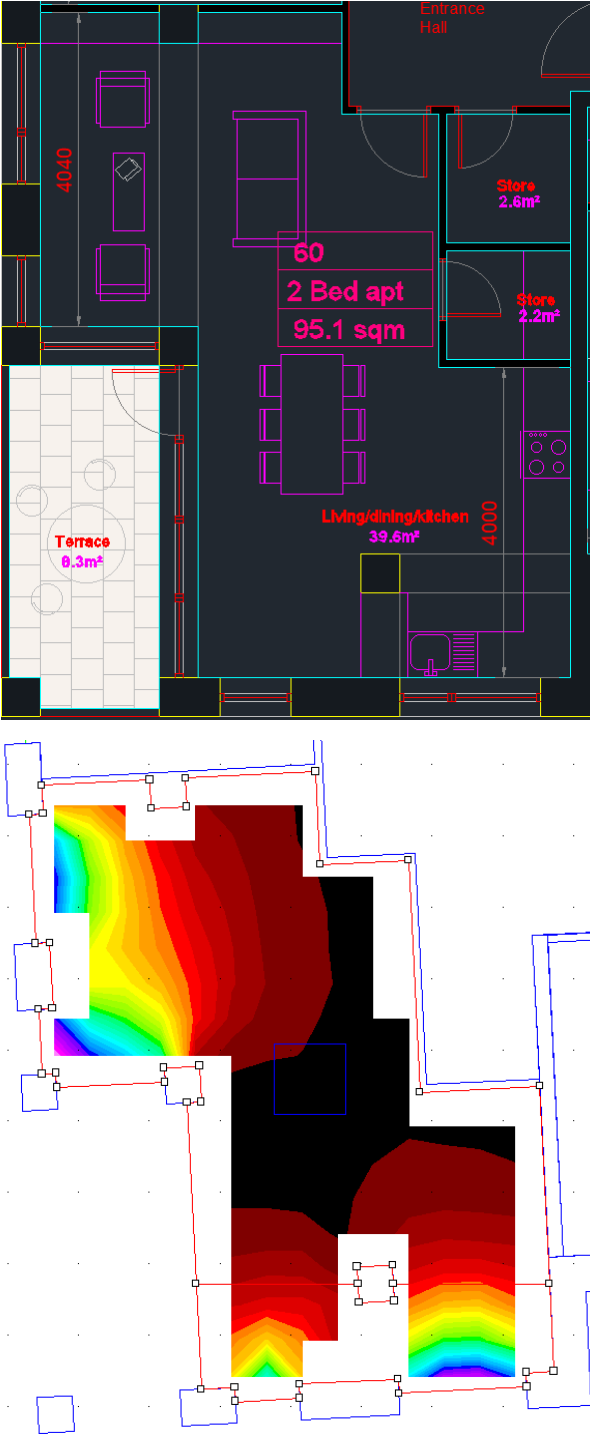


Figure 3 – Apartment Block G Apt 60 (KL/D) Daylight Mapping

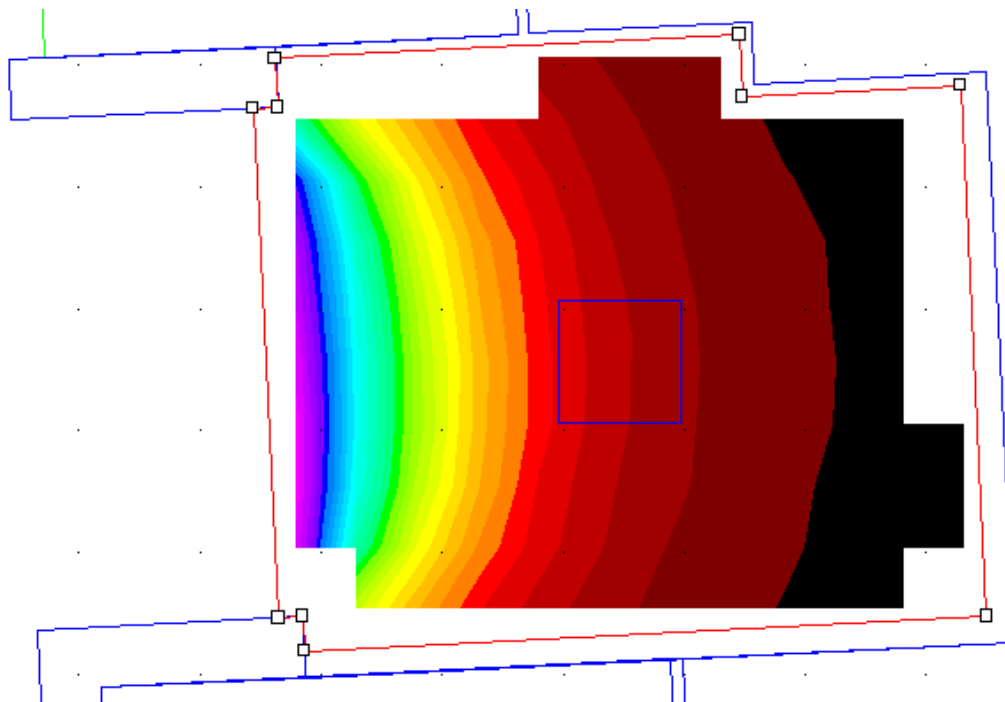
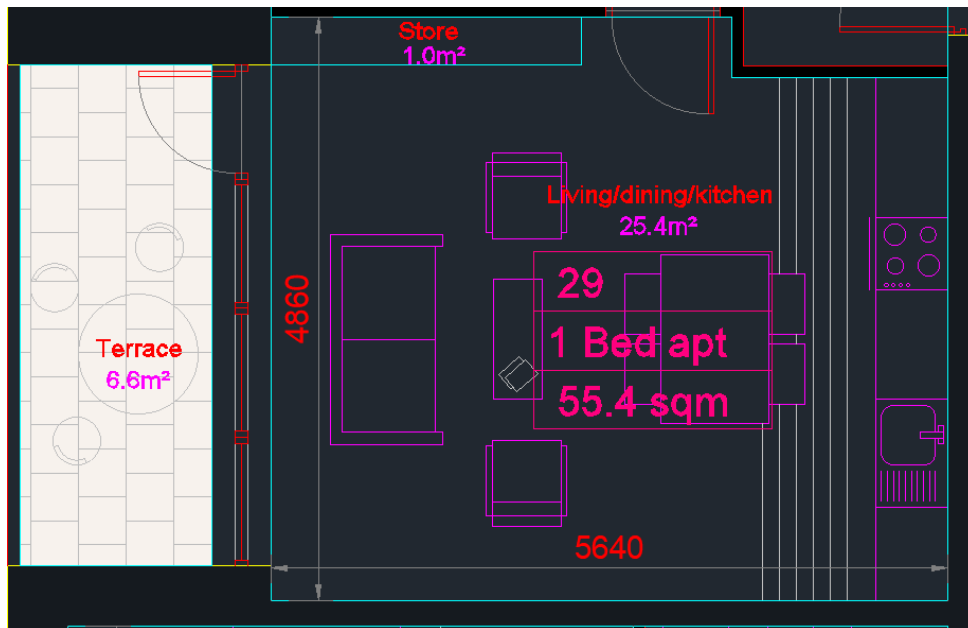


Figure 4 – Apartment Block G Apt 29 (K/L/D) Daylight Mapping

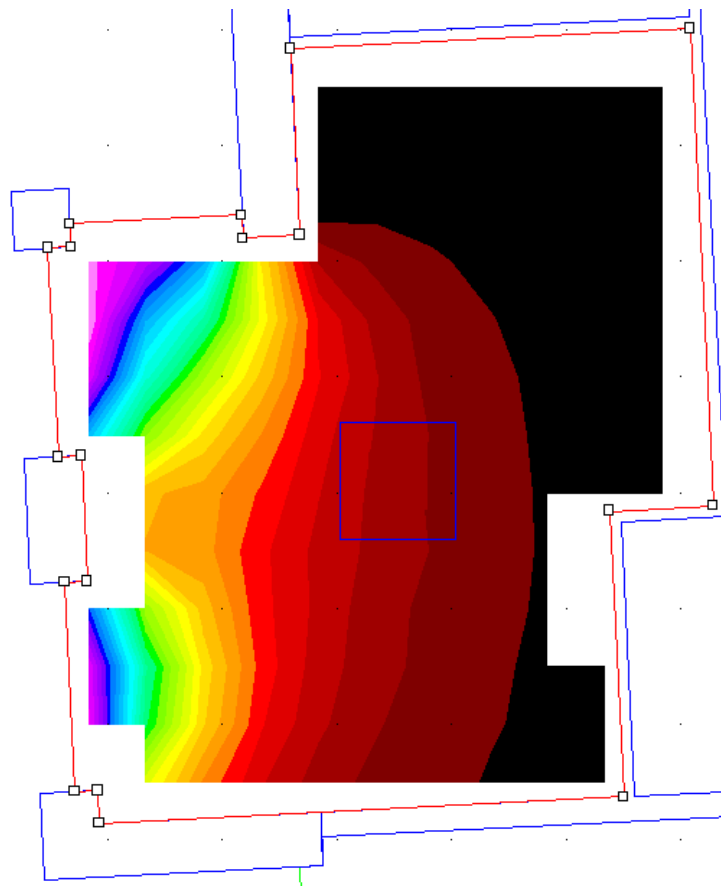
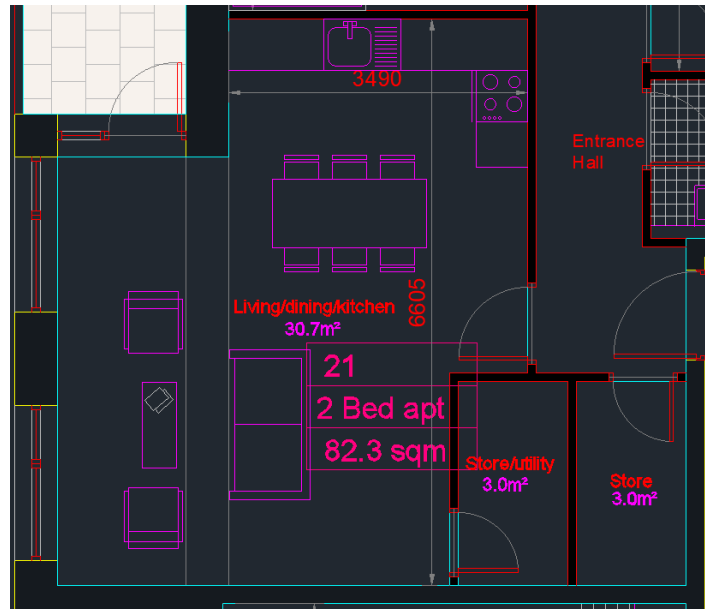


Figure 5 – Apartment Block G Apt 21 (K/L/D) Daylight Mapping

4.2.1 IES Model Data

The model was built in accordance with architectural Auto CAD layouts issued by CCK Architects which included all blocks in the proposed development. Images of the model are presented below

The following assumptions were made when modelling the ADF in each of the apartments selected

- The CIE Overcast Sky was used in accordance with CIBSE and BRE Guidance
- The following material properties were assigned in the model:
 - Glazing Visible Light Transmittance - 0.70
 - Internal Wall Reflectance - 0.80
 - Ceiling Reflectance - 0.80
 - Internal Floor Reflectance - 0.68
 - Working Plane Height

The working plane height in the model was taken as 0.85m. This is a typical value for domestic applications based on guidance within the BRE Guide “Site Layout Planning for Daylight and Sunlight” Second Edition 2011.

4.2.2 Average Daylight Factor Results

The BRE guidelines suggest a daylight level of 2% for kitchen/living/Dining areas, 1.5% Living areas and 1% for bedrooms as an adequate performance in terms of access to daylight. The tables 1 to 29 below indicate rooms assessed achieved daylight levels in compliance with the minimum standards.

The BRE “Site Layout Planning for Daylight and Sunlight. A Guidance to Good Practice states, “2.1.8 Daylight provision in new rooms may be checked using the average daylight factor (ADF). The ADF is a measure of the overall amount of daylight in a space... BS 8206-2 Code of practice for daylighting” states that below 2% the room will look dull and electric lighting is likely to be turned on. In housing BS 8206-2 also gives minimum value of ADF of 2% for kitchens, 1.5% for living rooms and 1% for bedrooms.”

Where rooms are combined, e.g. a Kitchen and Living Area, the higher of the two minimum ADFs is identified as the target. Therefore, for the purpose of demonstrating compliance, 2% is identified as the minimum required ADF in kitchen/livings areas.

In all cases adequate glazing areas have been included into all units of the proposed development with dual aspect facades incorporated where possible.

Apartment Block A ADF Results					
Block	Unit	Type	ADF Required (%)	ADF Results (%)	BRE Compliance
A	Apt 1	Kitchen/Living	2.0	4.44	Yes

A	Apt 1	Bedroom 1	1.0	3.29	Yes
A	Apt 2	Kitchen/Living	2.0	6.46	Yes
A	Apt 2	Bedroom 1	1.0	5.16	Yes
A	Apt 3	Kitchen/Living	2.0	7.06	Yes
A	Apt 3	Bedroom 1	1.0	3.30	Yes
A	Apt 3	Bedroom 2	1.0	4.75	Yes
A	Apt 4	Kitchen/Living	2.0	6.52	Yes
A	Apt 4	Bedroom 1	1.0	2.91	Yes
A	Apt 4	Bedroom 2	1.0	4.59	Yes
A	Apt 5	Kitchen/Living	2.0	5.70	Yes
A	Apt 5	Bedroom 1	1.0	4.66	Yes
A	Apt 5	Bedroom 2	1.0	3.61	Yes
A	Apt 6	Kitchen/Living	2.0	4.75	Yes
A	Apt 6	Bedroom 1	1.0	3.38	Yes
A	Apt 7	Kitchen/Living	2.0	6.72	Yes
A	Apt 7	Bedroom 1	1.0	5.28	Yes
A	Apt 8	Kitchen/Living	2.0	7.22	Yes
A	Apt 8	Bedroom 1	1.0	3.38	Yes
A	Apt 8	Bedroom 2	1.0	4.89	Yes
A	Apt 9	Kitchen/Living	2.0	4.30	Yes
A	Apt 9	Bedroom 1	1.0	3.00	Yes
A	Apt 9	Bedroom 2	1.0	4.97	Yes
A	Apt 10	Kitchen/Living	2.0	6.48	Yes
A	Apt 10	Bedroom 1	1.0	3.07	Yes
A	Apt 10	Bedroom 2	1.0	4.81	Yes
A	Apt 11	Kitchen/Living	2.0	5.72	Yes
A	Apt 11	Bedroom 1	1.0	4.80	Yes
A	Apt 11	Bedroom 2	1.0	3.71	Yes
A	Apt 12	Kitchen/Living	2.0	4.99	Yes
A	Apt 12	Bedroom 1	1.0	3.37	Yes
A	Apt 13	Kitchen/Living	2.0	6.83	Yes
A	Apt 13	Bedroom 1	1.0	5.32	Yes
A	Apt 14	Kitchen/Living	2.0	7.35	Yes
A	Apt 14	Bedroom 1	1.0	3.39	Yes
A	Apt 14	Bedroom 2	1.0	4.88	Yes
A	Apt 15	Kitchen/Living	2.0	4.41	Yes
A	Apt 15	Bedroom 1	1.0	3.00	Yes
A	Apt 15	Bedroom 2	1.0	4.89	Yes
A	Apt 16	Kitchen/Living	2.0	6.01	Yes
A	Apt 16	Bedroom 1	1.0	3.07	Yes
A	Apt 16	Bedroom 2	1.0	4.80	Yes
A	Apt 17	Kitchen/Living	2.0	7.94	Yes
A	Apt 17	Bedroom 1	1.0	4.81	Yes

A	Apt 17	Bedroom 2	1.0	3.69	Yes
A	Apt 18	Kitchen/Living	2.0	7.07	Yes
A	Apt 18	Bedroom 1	1.0	3.39	Yes
A	Apt 19	Kitchen/Living	2.0	9.68	Yes
A	Apt 19	Bedroom 1	1.0	5.42	Yes
A	Apt 20	Kitchen/Living	2.0	10.55	Yes
A	Apt 20	Bedroom 1	1.0	3.41	Yes
A	Apt 20	Bedroom 2	1.0	4.93	Yes
A	Apt 21	Kitchen/Living	2.0	8.04	Yes
A	Apt 21	Bedroom 1	1.0	3.02	Yes
A	Apt 21	Bedroom 2	1.0	4.99	Yes
A	Apt 22	Kitchen/Living	2.0	9.58	Yes
A	Apt 22	Bedroom 1	1.0	3.09	Yes
A	Apt 22	Bedroom 2	1.0	4.83	Yes
A	Apt 23	Kitchen/Living	2.0	8.10	Yes
A	Apt 23	Bedroom 1	1.0	4.87	Yes
A	Apt 23	Bedroom 2	1.0	3.72	Yes

Table 1 – Apartment Block A ADF Results

Apartment Block B ADF Results					
Block	Unit	Type	ADF Required (%)	ADF Results (%)	BRE Compliance
B	Apt 1	Kitchen/Living	2.0	4.54	Yes
B	Apt 1	Bedroom 1	1.0	3.41	Yes
B	Apt 2	Kitchen/Living	2.0	6.43	Yes
B	Apt 2	Bedroom 1	1.0	5.23	Yes
B	Apt 3	Kitchen/Living	2.0	7.08	Yes
B	Apt 3	Bedroom 1	1.0	3.47	Yes
B	Apt 3	Bedroom 2	1.0	5.04	Yes
B	Apt 4	Kitchen/Living	2.0	6.28	Yes
B	Apt 4	Bedroom 1	1.0	4.64	Yes
B	Apt 4	Bedroom 2	1.0	2.92	Yes
B	Apt 5	Kitchen/Living	2.0	5.67	Yes
B	Apt 5	Bedroom 1	1.0	4.67	Yes
B	Apt 5	Bedroom 2	1.0	3.77	Yes
B	Apt 6	Kitchen/Living	2.0	4.65	Yes
B	Apt 6	Bedroom 1	1.0	3.49	Yes
B	Apt 7	Kitchen/Living	2.0	6.54	Yes
B	Apt 7	Bedroom 1	1.0	5.35	Yes

B	Apt 8	Kitchen/Living	2.0	7.02	Yes
B	Apt 8	Bedroom 1	1.0	3.56	Yes
B	Apt 8	Bedroom 2	1.0	5.06	Yes
B	Apt 9	Kitchen/Living	2.0	7.96	Yes
B	Apt 9	Bedroom 1	1.0	3.05	Yes
B	Apt 9	Bedroom 2	1.0	5.30	Yes
B	Apt 10	Kitchen/Living	2.0	4.73	Yes
B	Apt 10	Bedroom 1	1.0	2.99	Yes
B	Apt 10	Bedroom 2	1.0	4.77	Yes
B	Apt 11	Kitchen/Living	2.0	5.77	Yes
B	Apt 11	Bedroom 1	1.0	4.81	Yes
B	Apt 11	Bedroom 2	1.0	3.89	Yes
B	Apt 12	Kitchen/Living	2.0	4.73	Yes
B	Apt 12	Bedroom 1	1.0	3.49	Yes
B	Apt 13	Kitchen/Living	2.0	6.66	Yes
B	Apt 13	Bedroom 1	1.0	5.38	Yes
B	Apt 14	Kitchen/Living	2.0	4.44	Yes
B	Apt 14	Bedroom 1	1.0	3.45	Yes
B	Apt 14	Bedroom 2	1.0	5.06	Yes
B	Apt 15	Kitchen/Living	2.0	4.45	Yes
B	Apt 15	Bedroom 1	1.0	3.05	Yes
B	Apt 15	Bedroom 2	1.0	5.32	Yes
B	Apt 16	Kitchen/Living	2.0	4.82	Yes
B	Apt 16	Bedroom 1	1.0	2.99	Yes
B	Apt 16	Bedroom 2	1.0	4.76	Yes
B	Apt 17	Kitchen/Living	2.0	5.86	Yes
B	Apt 17	Bedroom 1	1.0	4.80	Yes
B	Apt 17	Bedroom 2	1.0	3.92	Yes
B	Apt 18	Kitchen/Living	2.0	7.55	Yes
B	Apt 18	Bedroom 1	1.0	3.53	Yes
B	Apt 19	Kitchen/Living	2.0	9.62	Yes
B	Apt 19	Bedroom 1	1.0	5.47	Yes
B	Apt 20	Kitchen/Living	2.0	10.62	Yes
B	Apt 20	Bedroom 1	1.0	3.46	Yes
B	Apt 20	Bedroom 2	1.0	5.10	Yes
B	Apt 21	Kitchen/Living	2.0	8.37	Yes
B	Apt 21	Bedroom 1	1.0	3.08	Yes
B	Apt 21	Bedroom 2	1.0	5.35	Yes
B	Apt 22	Kitchen/Living	2.0	9.18	Yes
B	Apt 22	Bedroom 1	1.0	3.02	Yes
B	Apt 22	Bedroom 2	1.0	4.81	Yes
B	Apt 23	Kitchen/Living	2.0	8.23	Yes
B	Apt 23	Bedroom 1	1.0	4.85	Yes

B	Apt 23	Bedroom 2	1.0	3.89	Yes
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Table 2 – Apartment Block B ADF Results

Apartment Block C ADF Results					
Block	Unit	Type	ADF Required (%)	ADF Results (%)	BRE Compliance
C	Apt 1	Kitchen/Living	2.0	4.81	Yes
C	Apt 1	Bedroom 1	1.0	3.50	Yes
C	Apt 1	Bedroom 1	1.0	7.12	Yes
C	Apt 2	Kitchen/Living	2.0	5.96	Yes
C	Apt 2	Bedroom 1	1.0	4.94	Yes
C	Apt 2	Bedroom 2	1.0	3.99	Yes
C	Apt 3	Kitchen/Living	2.0	5.84	Yes
C	Apt 3	Bedroom 1	1.0	4.80	Yes
C	Apt 3	Bedroom 2	1.0	3.43	Yes
C	Apt 4	Kitchen/Living	2.0	7.15	Yes
C	Apt 4	Bedroom 1	1.0	4.56	Yes
C	Apt 4	Bedroom 2	1.0	4.74	Yes
C	Apt 5	Kitchen/Living	2.0	3.22	Yes
C	Apt 5	Bedroom 1	1.0	7.49	Yes
C	Apt 6	Kitchen/Living	2.0	7.21	Yes
C	Apt 6	Bedroom 1	1.0	4.76	Yes
C	Apt 6	Bedroom 2	1.0	5.22	Yes
C	Apt 7	Kitchen/Living	2.0	6.30	Yes
C	Apt 7	Bedroom 1	1.0	4.81	Yes
C	Apt 7	Bedroom 2	1.0	4.96	Yes
C	Apt 8	Kitchen/Living	2.0	3.65	Yes
C	Apt 8	Bedroom 1	1.0	7.86	Yes
C	Apt 9	Kitchen/Living	2.0	6.34	Yes
C	Apt 9	Bedroom 1	1.0	5.00	Yes
C	Apt 9	Bedroom 2	1.0	5.43	Yes
C	Apt 10	Kitchen/Living	2.0	5.78	Yes
C	Apt 10	Bedroom 1	1.0	3.38	Yes
C	Apt 10	Bedroom 2	1.0	5.50	Yes
C	Apt 11	Kitchen/Living	2.0	8.92	Yes
C	Apt 11	Bedroom 1	1.0	4.90	Yes
C	Apt 11	Bedroom 2	1.0	3.94	Yes
C	Apt 12	Kitchen/Living	2.0	8.72	Yes
C	Apt 12	Bedroom 1	1.0	4.79	Yes

C	Apt 12	Bedroom 2	1.0	3.42	Yes
C	Apt 13	Kitchen/Living	2.0	7.21	Yes
C	Apt 13	Bedroom 1	1.0	6.89	Yes
C	Apt 14	Kitchen/Living	2.0	10.72	Yes
C	Apt 14	Bedroom 1	1.0	4.80	Yes
C	Apt 14	Bedroom 2	1.0	4.93	Yes
C	Apt 15	Kitchen/Living	2.0	5.65	Yes
C	Apt 15	Bedroom 1	1.0	7.89	Yes
C	Apt 16	Kitchen/Living	2.0	10.69	Yes
C	Apt 16	Bedroom 1	1.0	5.00	Yes
C	Apt 16	Bedroom 2	1.0	5.41	Yes
C	Apt 17	Kitchen/Living	2.0	5.90	Yes
C	Apt 17	Bedroom 1	1.0	3.38	Yes
C	Apt 17	Bedroom 2	1.0	5.51	Yes
C	Apt 18	Kitchen/Living	2.0	9.04	Yes
C	Apt 18	Bedroom 1	1.0	4.90	Yes
C	Apt 18	Bedroom 2	1.0	3.95	Yes
C	Apt 19	Kitchen/Living	2.0	8.76	Yes
C	Apt 19	Bedroom 1	1.0	4.79	Yes
C	Apt 19	Bedroom 2	1.0	4.41	Yes
C	Apt 20	Kitchen/Living	2.0	7.54	Yes
C	Apt 20	Bedroom 1	1.0	6.89	Yes
C	Apt 21	Kitchen/Living	2.0	2.15	Yes
C	Apt 21	Bedroom 1	1.0	4.47	Yes
C	Apt 21	Bedroom 2	1.0	4.62	Yes
C	Apt 22	Kitchen/Living	2.0	5.32	Yes
C	Apt 22	Bedroom 1	1.0	7.60	Yes
C	Apt 23	Kitchen/Living	2.0	10.24	Yes
C	Apt 23	Bedroom 1	1.0	4.68	Yes
C	Apt 23	Bedroom 2	1.0	5.09	Yes
C	Apt 24	Kitchen/Living	2.0	5.63	Yes
C	Apt 24	Bedroom 1	1.0	3.17	Yes
C	Apt 24	Bedroom 2	1.0	5.17	Yes
C	Apt 25	Kitchen/Living	2.0	8.60	Yes
C	Apt 25	Bedroom 1	1.0	4.59	Yes
C	Apt 25	Bedroom 2	1.0	3.70	Yes
C	Apt 26	Kitchen/Living	2.0	8.30	Yes
C	Apt 26	Bedroom 1	1.0	4.48	Yes
C	Apt 26	Bedroom 2	1.0	3.18	Yes
C	Apt 27	Kitchen/Living	2.0	7.24	Yes
C	Apt 27	Bedroom 1	1.0	4.84	Yes

Table 3 – Apartment Block C ADF Results

Apartment Block D ADF Results					
Block	Unit	Type	ADF Required (%)	ADF Results (%)	BRE Compliance
D	Apt 1	Kitchen/Living	2.0	2.83	Yes
D	Apt 1	Bedroom 1	1.0	5.04	Yes
D	Apt 1	Bedroom 2	1.0	5.16	Yes
D	Apt 2	Kitchen/Living	2.0	4.75	Yes
D	Apt 2	Bedroom 1	1.0	1.55	Yes
D	Apt 3	Kitchen/Living	2.0	6.31	Yes
D	Apt 3	Bedroom 1	1.0	5.60	Yes
D	Apt 3	Bedroom 2	1.0	8.54	Yes
D	Apt 4	Kitchen/Living	2.0	5.48	Yes
D	Apt 4	Bedroom 1	1.0	1.87	Yes
D	Apt 5	Kitchen/Living	2.0	6.54	Yes
D	Apt 5	Bedroom 1	1.0	6.22	Yes
D	Apt 6	Kitchen/Living	2.0	2.86	Yes
D	Apt 6	Bedroom 1	1.0	5.41	Yes
D	Apt 6	Bedroom 2	1.0	6.05	Yes
D	Apt 7	Kitchen/Living	2.0	4.76	Yes
D	Apt 7	Bedroom 1	1.0	1.62	Yes
D	Apt 8	Kitchen/Living	2.0	6.59	Yes
D	Apt 8	Bedroom 1	1.0	5.72	Yes
D	Apt 8	Bedroom 2	1.0	8.82	Yes
D	Apt 9	Kitchen/Living	2.0	5.38	Yes
D	Apt 9	Bedroom 1	1.0	2.32	Yes
D	Apt 10	Kitchen/Living	2.0	5.27	Yes
D	Apt 10	Bedroom 1	1.0	6.22	Yes
D	Apt 11	Kitchen/Living	2.0	5.53	Yes
D	Apt 11	Bedroom 1	1.0	5.12	Yes
D	Apt 11	Bedroom 2	1.0	5.67	Yes
D	Apt 12	Kitchen/Living	2.0	5.39	Yes
D	Apt 12	Bedroom 1	1.0	4.32	Yes
D	Apt 13	Kitchen/Living	2.0	10.03	Yes
D	Apt 13	Bedroom 1	1.0	4.78	Yes
D	Apt 13	Bedroom 2	1.0	5.22	Yes
D	Apt 13	Bedroom 3	1.0	7.60	Yes
D	Apt 14	Kitchen/Living	2.0	7.03	Yes
D	Apt 14	Bedroom 1	1.0	6.02	Yes
D	Apt 15	Kitchen/Living	2.0	2.85	Yes
D	Apt 15	Bedroom 1	1.0	5.19	Yes

D	Apt 15	Bedroom 2	1.0	5.20	Yes
D	Apt 16	Kitchen/Living	2.0	5.06	Yes
D	Apt 16	Bedroom 1	1.0	1.79	Yes
D	Apt 17	Kitchen/Living	2.0	5.28	Yes
D	Apt 17	Bedroom 1	1.0	2.03	Yes
D	Apt 18	Kitchen/Living	2.0	3.55	Yes
D	Apt 18	Bedroom 1	1.0	4.89	Yes
D	Apt 18	Bedroom 2	1.0	6.29	Yes
D	Apt 18	Bedroom 3	1.0	2.50	Yes
D	Apt 19	Kitchen/Living	2.0	3.71	Yes
D	Apt 19	Bedroom 1	1.0	5.71	Yes
D	Apt 20	Kitchen/Living	2.0	2.85	Yes
D	Apt 20	Bedroom 1	1.0	4.28	Yes
D	Apt 20	Bedroom 2	1.0	9.56	Yes
D	Apt 21	Kitchen/Living	2.0	4.94	Yes
D	Apt 21	Bedroom 1	1.0	1.79	Yes
D	Apt 22	Kitchen/Living	2.0	5.17	Yes
D	Apt 22	Bedroom 1	1.0	2.61	Yes
D	Apt 23	Kitchen/Living	2.0	3.56	Yes
D	Apt 23	Bedroom 1	1.0	5.12	Yes
D	Apt 23	Bedroom 2	1.0	6.61	Yes
D	Apt 23	Bedroom 3	1.0	2.57	Yes
D	Apt 24	Kitchen/Living	2.0	3.75	Yes
D	Apt 24	Bedroom 1	1.0	6.18	Yes
D	Apt 25	Kitchen/Living	2.0	5.66	Yes
D	Apt 25	Bedroom 1	1.0	4.90	Yes
D	Apt 25	Bedroom 2	1.0	5.65	Yes
D	Apt 26	Kitchen/Living	2.0	5.64	Yes
D	Apt 26	Bedroom 1	1.0	6.67	Yes
D	Apt 26	Bedroom 2	1.0	7.48	Yes
D	Apt 27	Kitchen/Living	2.0	5.53	Yes
D	Apt 27	Bedroom 1	1.0	5.17	Yes
D	Apt 27	Bedroom 2	1.0	6.73	Yes
D	Apt 27	Bedroom 3	1.0	5.46	Yes
D	Apt 28	Kitchen/Living	2.0	4.10	Yes
D	Apt 28	Bedroom 1	1.0	6.44	Yes
D	Apt 29	Kitchen/Living	2.0	6.99	Yes
D	Apt 29	Bedroom 1	1.0	6.22	Yes
D	Apt 30	Kitchen/Living	2.0	5.40	Yes
D	Apt 30	Bedroom 1	1.0	1.79	Yes
D	Apt 31	Kitchen/Living	2.0	6.23	Yes
D	Apt 31	Bedroom 1	1.0	5.57	Yes
D	Apt 31	Bedroom 2	1.0	8.76	Yes

D	Apt 32	Kitchen/Living	2.0	4.73	Yes
D	Apt 32	Bedroom 1	1.0	1.52	Yes
D	Apt 33	Kitchen/Living	2.0	2.61	Yes
D	Apt 33	Bedroom 1	1.0	5.41	Yes
D	Apt 33	Bedroom 2	1.0	5.25	Yes
D	Apt 34	Kitchen/Living	2.0	5.29	Yes
D	Apt 34	Bedroom 1	1.0	6.22	Yes
D	Apt 35	Kitchen/Living	2.0	5.40	Yes
D	Apt 35	Bedroom 1	1.0	2.13	Yes
D	Apt 36	Kitchen/Living	2.0	6.61	Yes
D	Apt 36	Bedroom 1	1.0	5.81	Yes
D	Apt 36	Bedroom 2	1.0	9.02	Yes
D	Apt 37	Kitchen/Living	2.0	4.94	Yes
D	Apt 37	Bedroom 1	1.0	1.58	Yes
D	Apt 38	Kitchen/Living	2.0	2.74	Yes
D	Apt 38	Bedroom 1	1.0	4.57	Yes
D	Apt 38	Bedroom 2	1.0	6.10	Yes
D	Apt 39	Kitchen/Living	2.0	7.02	Yes
D	Apt 39	Bedroom 1	1.0	6.03	Yes
D	Apt 40	Kitchen/Living	2.0	9.56	Yes
D	Apt 40	Bedroom 1	1.0	4.79	Yes
D	Apt 40	Bedroom 2	1.0	4.82	Yes
D	Apt 40	Bedroom 3	1.0	7.73	Yes
D	Apt 41	Kitchen/Living	2.0	5.03	Yes
D	Apt 41	Bedroom 1	1.0	4.32	Yes
D	Apt 42	Kitchen/Living	2.0	5.50	Yes
D	Apt 42	Bedroom 1	1.0	5.13	Yes
D	Apt 42	Bedroom 2	1.0	5.72	Yes

Table 4 – Apartment Block D ADF Results

Apartment Block F ADF Results					
Block	Unit	Type	ADF Required (%)	ADF Results (%)	BRE Compliance
F1	Apt 1	Kitchen/Living	2.0	2.63	Yes
F1	Apt 1	Bedroom 1	1.0	4.64	Yes
F1	Apt 2	Kitchen/Living	2.0	8.35	Yes
F1	Apt 2	Bedroom 1	1.0	4.93	Yes
F1	Apt 2	Bedroom 2	1.0	6.3	Yes
F1	Apt 2	Bedroom 3	1.0	3.52	Yes

F1	Apt 3	Kitchen/Living	2.0	3.44	Yes
F1	Apt 3	Bedroom 1	1.0	5.48	Yes
F1	Apt 3	Bedroom 2	1.0	6.42	Yes
F1	Apt 3	Bedroom 3	1.0	3.65	Yes
F1	Apt 4	Kitchen/Living	2.0	4.51	Yes
F1	Apt 4	Bedroom 1	1.0	4.61	Yes
F1	Apt 4	Bedroom 2	1.0	5.13	Yes
F1	Apt 5	Kitchen/Living	2.0	3.62	Yes
F1	Apt 5	Bedroom 1	1.0	6.76	Yes
F1	Apt 6	Kitchen/Living	2.0	5.86	Yes
F1	Apt 6	Bedroom 1	1.0	6.44	Yes
F1	Apt 7	Kitchen/Living	2.0	10.33	Yes
F1	Apt 7	Bedroom 1	1.0	4.54	Yes
F1	Apt 7	Bedroom 2	1.0	6.6	Yes
F1	Apt 7	Bedroom 3	1.0	3.71	Yes
F1	Apt 8	Kitchen/Living	2.0	2.08	Yes
F1	Apt 8	Bedroom 1	1.0	3.63	Yes
F1	Apt 9	Kitchen/Living	2.0	7.95	Yes
F1	Apt 9	Bedroom 1	1.0	4.02	Yes
F1	Apt 9	Bedroom 2	1.0	5.26	Yes
F1	Apt 10	Kitchen/Living	2.0	8.63	Yes
F1	Apt 10	Bedroom 1	1.0	6.91	Yes
F1	Apt 10	Bedroom 2	1.0	2.48	Yes
F1	Apt 11	Kitchen/Living	2.0	3.33	Yes
F1	Apt 11	Bedroom 1	1.0	6.12	Yes
F1	Apt 12	Kitchen/Living	2.0	3.19	Yes
F1	Apt 12	Bedroom 1	1.0	6.12	Yes
F1	Apt 13	Kitchen/Living	2.0	2.99	Yes
F1	Apt 13	Bedroom 1	1.0	3.97	Yes
F1	Apt 13	Bedroom 2	1.0	4.01	Yes
F1	Apt 14	Kitchen/Living	2.0	2.09	Yes
F1	Apt 14	Bedroom 1	1.0	5.78	Yes
F1	Apt 14	Bedroom 2	1.0	6.1	Yes
F1	Apt 15	Kitchen/Living	2.0	3.7	Yes
F1	Apt 15	Bedroom 1	1.0	6.41	Yes
F1	Apt 15	Bedroom 2	1.0	5.14	Yes

F1	Apt 16	Kitchen/Living	2.0	3.35	Yes
F1	Apt 16	Bedroom 1	1.0	6.21	Yes
F1	Apt 17	Kitchen/Living	2.0	6.91	Yes
F1	Apt 17	Bedroom 1	1.0	6.08	Yes
F1	Apt 17	Bedroom 2	1.0	6.99	Yes
F1	Apt 18	Kitchen/Living	2.0	6.25	Yes
F1	Apt 18	Bedroom 1	1.0	3.31	Yes
F1	Apt 18	Bedroom 2	1.0	4.54	Yes
F1	Apt 19	Kitchen/Living	2.0	2.15	Yes
F1	Apt 19	Bedroom 1	1.0	3.4	Yes
F1	Apt 19	Bedroom 2	1.0	2.21	Yes
F1	Apt 20	Kitchen/Living	2.0	2.2	Yes
F1	Apt 20	Bedroom 1	1.0	4.99	Yes
F1	Apt 21	Kitchen/Living	2.0	3.08	Yes
F1	Apt 21	Bedroom 1	1.0	4.55	Yes
F1	Apt 21	Bedroom 2	1.0	5.77	Yes
F1	Apt 22	Kitchen/Living	2.0	6.87	Yes
F1	Apt 22	Bedroom 1	1.0	2.49	Yes
F1	Apt 22	Bedroom 2	1.0	6.9	Yes
F1	Apt 23	Kitchen/Living	2.0	3.47	Yes
F1	Apt 23	Bedroom 1	1.0	5.88	Yes
F1	Apt 24	Kitchen/Living	2.0	3.42	Yes
F1	Apt 24	Bedroom 1	1.0	6.12	Yes
F1	Apt 25	Kitchen/Living	2.0	4.9	Yes
F1	Apt 25	Bedroom 1	1.0	4.54	Yes
F1	Apt 25	Bedroom 2	1.0	4.61	Yes
F1	Apt 26	Kitchen/Living	2.0	2.27	Yes
F1	Apt 26	Bedroom 1	1.0	5.87	Yes
F1	Apt 26	Bedroom 2	1.0	6.15	Yes
F1	Apt 27	Kitchen/Living	2.0	3.57	Yes
F1	Apt 27	Bedroom 1	1.0	6.41	Yes
F1	Apt 27	Bedroom 2	1.0	5.13	Yes
F1	Apt 28	Kitchen/Living	2.0	3.35	Yes
F1	Apt 28	Bedroom 1	1.0	6.22	Yes
F1	Apt 29	Kitchen/Living	2.0	6.93	Yes
F1	Apt 29	Bedroom 1	1.0	6.08	Yes
F1	Apt 29	Bedroom 2	1.0	7	Yes
F1	Apt 30	Kitchen/Living	2.0	6.44	Yes
F1	Apt 30	Bedroom 1	1.0	3.87	Yes
F1	Apt 30	Bedroom 2	1.0	5.21	Yes
F1	Apt 31	Kitchen/Living	2.0	2.54	Yes
F1	Apt 31	Bedroom 1	1.0	2.61	Yes
F1	Apt 31	Bedroom 2	1.0	3.98	Yes

F1	Apt 32	Kitchen/Living	2.0	2.5	Yes
F1	Apt 32	Bedroom 1	1.0	5.37	Yes
F1	Apt 33	Kitchen/Living	2.0	5.54	Yes
F1	Apt 33	Bedroom 1	1.0	4.86	Yes
F1	Apt 33	Bedroom 2	1.0	6.26	Yes
F1	Apt 34	Kitchen/Living	2.0	6.48	Yes
F1	Apt 34	Bedroom 1	1.0	6.9	Yes
F1	Apt 34	Bedroom 2	1.0	2.49	Yes
F1	Apt 35	Kitchen/Living	2.0	3.32	Yes
F1	Apt 35	Bedroom 1	1.0	5.88	Yes
F1	Apt 36	Kitchen/Living	2.0	3.29	Yes
F1	Apt 36	Bedroom 1	1.0	6.12	Yes
F1	Apt 37	Kitchen/Living	2.0	3.31	Yes
F1	Apt 37	Bedroom 1	1.0	4.92	Yes
F1	Apt 37	Bedroom 2	1.0	5	Yes
F1	Apt 38	Kitchen/Living	2.0	2.06	Yes
F1	Apt 38	Bedroom 1	1.0	5.93	Yes
F1	Apt 38	Bedroom 2	1.0	6.16	Yes
F1	Apt 39	Kitchen/Living	2.0	3.67	Yes
F1	Apt 39	Bedroom 1	1.0	6.42	Yes
F1	Apt 39	Bedroom 2	1.0	5.3	Yes
F1	Apt 40	Kitchen/Living	2.0	3.38	Yes
F1	Apt 40	Bedroom 1	1.0	6.24	Yes
F1	Apt 41	Kitchen/Living	2.0	6.92	Yes
F1	Apt 41	Bedroom 1	1.0	6.08	Yes
F1	Apt 41	Bedroom 2	1.0	7	Yes
F1	Apt 42	Kitchen/Living	2.0	6.65	Yes
F1	Apt 42	Bedroom 1	1.0	4.34	Yes
F1	Apt 42	Bedroom 2	1.0	5.8	Yes
F1	Apt 43	Kitchen/Living	2.0	2.16	Yes
F1	Apt 43	Bedroom 1	1.0	4.45	Yes
F1	Apt 43	Bedroom 2	1.0	2.92	Yes
F1	Apt 44	Kitchen/Living	2.0	4.88	Yes
F1	Apt 44	Bedroom 1	1.0	5.37	Yes
F1	Apt 45	Kitchen/Living	2.0	5.89	Yes
F1	Apt 45	Bedroom 1	1.0	4.81	Yes
F1	Apt 45	Bedroom 2	1.0	6.06	Yes
F1	Apt 46	Kitchen/Living	2.0	8.66	Yes
F1	Apt 46	Bedroom 1	1.0	2.36	Yes
F1	Apt 46	Bedroom 2	1.0	6.55	Yes
F1	Apt 47	Kitchen/Living	2.0	5.55	Yes
F1	Apt 47	Bedroom 1	1.0	5.59	Yes
F1	Apt 48	Kitchen/Living	2.0	5.48	Yes

F1	Apt 48	Bedroom 1	1.0	5.81	Yes
F1	Apt 49	Kitchen/Living	2.0	5.26	Yes
F1	Apt 49	Bedroom 1	1.0	4.96	Yes
F1	Apt 49	Bedroom 2	1.0	5.03	Yes
F1	Apt 50	Kitchen/Living	2.0	4.84	Yes
F1	Apt 50	Bedroom 1	1.0	5.59	Yes
F1	Apt 50	Bedroom 2	1.0	5.85	Yes
F1	Apt 51	Kitchen/Living	2.0	6.45	Yes
F1	Apt 51	Bedroom 1	1.0	6.09	Yes
F1	Apt 51	Bedroom 2	1.0	4.9	Yes
F1	Apt 52	Kitchen/Living	2.0	5.61	Yes
F1	Apt 52	Bedroom 1	1.0	5.91	Yes
F1	Apt 53	Kitchen/Living	2.0	8.98	Yes
F1	Apt 53	Bedroom 1	1.0	5.77	Yes
F1	Apt 53	Bedroom 2	1.0	6.64	Yes
F1	Apt 54	Kitchen/Living	2.0	9.54	Yes
F1	Apt 54	Bedroom 1	1.0	4.52	Yes
F1	Apt 54	Bedroom 2	1.0	5.94	Yes
F2	Apt 55	Kitchen/Living	2.0	5.11	Yes
F2	Apt 55	Bedroom 1	1.0	4.62	Yes
F2	Apt 55	Bedroom 2	1.0	3.02	Yes
F2	Apt 56	Kitchen/Living	2.0	2.15	Yes
F2	Apt 56	Bedroom 1	1.0	3.75	Yes
F2	Apt 57	Kitchen/Living	2.0	2.49	Yes
F2	Apt 57	Bedroom 1	1.0	5.17	Yes
F2	Apt 57	Bedroom 2	1.0	6.19	Yes
F2	Apt 58	Kitchen/Living	2.0	3.69	Yes
F2	Apt 58	Bedroom 1	1.0	7.58	Yes
F2	Apt 59	Kitchen/Living	2.0	6.60	Yes
F2	Apt 59	Bedroom 1	1.0	6.00	Yes
F2	Apt 60	Kitchen/Living	2.0	3.17	Yes
F2	Apt 60	Bedroom 1	1.0	6.62	Yes
F2	Apt 61	Kitchen/Living	2.0	2.08	Yes
F2	Apt 61	Bedroom 1	1.0	5.96	Yes
F2	Apt 61	Bedroom 2	1.0	5.71	Yes
F2	Apt 62	Kitchen/Living	2.0	2.07	Yes
F2	Apt 62	Bedroom 1	1.0	4.27	Yes
F2	Apt 62	Bedroom 2	1.0	4.11	Yes
F2	Apt 63	Kitchen/Living	2.0	3.27	Yes
F2	Apt 63	Bedroom 1	1.0	6.41	Yes
F2	Apt 64	Kitchen/Living	2.0	3.16	Yes
F2	Apt 64	Bedroom 1	1.0	6.57	Yes
F2	Apt 65	Kitchen/Living	2.0	6.05	Yes

F2	Apt 65	Bedroom 1	1.0	6.31	Yes
F2	Apt 65	Bedroom 2	1.0	6.38	Yes
F2	Apt 66	Kitchen/Living	2.0	4.62	Yes
F2	Apt 66	Bedroom 1	1.0	4.81	Yes
F2	Apt 66	Bedroom 2	1.0	5.6	Yes
F2	Apt 67	Kitchen/Living	2.0	2.44	Yes
F2	Apt 67	Bedroom 1	1.0	4.47	Yes
F2	Apt 68	Kitchen/Living	2.0	2.42	Yes
F2	Apt 68	Bedroom 1	1.0	3.32	Yes
F2	Apt 68	Bedroom 2	1.0	6.74	Yes
F2	Apt 69	Kitchen/Living	2.0	2.79	Yes
F2	Apt 69	Bedroom 1	1.0	5.34	Yes
F2	Apt 69	Bedroom 2	1.0	6.42	Yes
F2	Apt 70	Kitchen/Living	2.0	3.91	Yes
F2	Apt 70	Bedroom 1	1.0	7.86	Yes
F2	Apt 71	Kitchen/Living	2.0	6.50	Yes
F2	Apt 71	Bedroom 1	1.0	6.03	Yes
F2	Apt 72	Kitchen/Living	2.0	3.17	Yes
F2	Apt 72	Bedroom 1	1.0	6.63	Yes
F2	Apt 73	Kitchen/Living	2.0	2.11	Yes
F2	Apt 73	Bedroom 1	1.0	6.00	Yes
F2	Apt 73	Bedroom 2	1.0	5.84	Yes
F2	Apt 74	Kitchen/Living	2.0	2.07	Yes
F2	Apt 74	Bedroom 1	1.0	4.76	Yes
F2	Apt 74	Bedroom 2	1.0	4.63	Yes
F2	Apt 75	Kitchen/Living	2.0	3.27	Yes
F2	Apt 75	Bedroom 1	1.0	6.45	Yes
F2	Apt 76	Kitchen/Living	2.0	3.16	Yes
F2	Apt 76	Bedroom 1	1.0	6.60	Yes
F2	Apt 77	Kitchen/Living	2.0	2.67	Yes
F2	Apt 77	Bedroom 1	1.0	6.32	Yes
F2	Apt 77	Bedroom 2	1.0	6.39	Yes
F2	Apt 78	Kitchen/Living	2.0	2.85	Yes
F2	Apt 78	Bedroom 1	1.0	5.24	Yes
F2	Apt 78	Bedroom 2	1.0	6.07	Yes
F2	Apt 79	Kitchen/Living	2.0	2.52	Yes
F2	Apt 79	Bedroom 1	1.0	4.96	Yes
F2	Apt 80	Kitchen/Living	2.0	2.66	Yes
F2	Apt 80	Bedroom 1	1.0	7.34	Yes
F2	Apt 80	Bedroom 2	1.0	3.61	Yes
F2	Apt 81	Kitchen/Living	2.0	3.10	Yes
F2	Apt 81	Bedroom 1	1.0	5.39	Yes
F2	Apt 81	Bedroom 2	1.0	6.53	Yes

F2	Apt 82	Kitchen/Living	2.0	3.93	Yes
F2	Apt 82	Bedroom 1	1.0	7.89	Yes
F2	Apt 83	Kitchen/Living	2.0	6.52	Yes
F2	Apt 83	Bedroom 1	1.0	5.31	Yes
F2	Apt 84	Kitchen/Living	2.0	3.17	Yes
F2	Apt 84	Bedroom 1	1.0	6.63	Yes
F2	Apt 85	Kitchen/Living	2.0	2.13	Yes
F2	Apt 85	Bedroom 1	1.0	5.99	Yes
F2	Apt 85	Bedroom 2	1.0	5.84	Yes
F2	Apt 86	Kitchen/Living	2.0	2.07	Yes
F2	Apt 86	Bedroom 1	1.0	5.17	Yes
F2	Apt 86	Bedroom 2	1.0	5.07	Yes
F2	Apt 87	Kitchen/Living	2.0	3.26	Yes
F2	Apt 87	Bedroom 1	1.0	6.46	Yes
F2	Apt 88	Kitchen/Living	2.0	3.16	Yes
F2	Apt 88	Bedroom 1	1.0	6.59	Yes
F2	Apt 89	Kitchen/Living	2.0	2.51	Yes
F2	Apt 89	Bedroom 1	1.0	6.31	Yes
F2	Apt 89	Bedroom 2	1.0	6.38	Yes
F2	Apt 90	Kitchen/Living	2.0	3.99	Yes
F2	Apt 90	Bedroom 1	1.0	5.54	Yes
F2	Apt 90	Bedroom 2	1.0	6.40	Yes
F2	Apt 91	Kitchen/Living	2.0	2.85	Yes
F2	Apt 91	Bedroom 1	1.0	5.31	Yes
F2	Apt 92	Kitchen/Living	2.0	5.40	Yes
F2	Apt 92	Bedroom 1	1.0	5.04	Yes
F2	Apt 92	Bedroom 2	1.0	7.68	Yes
F2	Apt 93	Kitchen/Living	2.0	6.33	Yes
F2	Apt 93	Bedroom 1	1.0	5.35	Yes
F2	Apt 93	Bedroom 2	1.0	6.45	Yes
F2	Apt 94	Kitchen/Living	2.0	7.07	Yes
F2	Apt 94	Bedroom 1	1.0	9.42	Yes
F2	Apt 95	Kitchen/Living	2.0	7.76	Yes
F2	Apt 95	Bedroom 1	1.0	5.72	Yes
F2	Apt 96	Kitchen/Living	2.0	5.52	Yes
F2	Apt 96	Bedroom 1	1.0	6.28	Yes
F2	Apt 97	Kitchen/Living	2.0	3.90	Yes
F2	Apt 97	Bedroom 1	1.0	5.68	Yes
F2	Apt 97	Bedroom 2	1.0	5.53	Yes
F2	Apt 98	Kitchen/Living	2.0	4.15	Yes
F2	Apt 98	Bedroom 1	1.0	5.21	Yes
F2	Apt 98	Bedroom 2	1.0	5.21	Yes
F2	Apt 99	Kitchen/Living	2.0	5.75	Yes

F2	Apt 99	Bedroom 1	1.0	6.10	Yes
F2	Apt 100	Kitchen/Living	2.0	5.49	Yes
F2	Apt 100	Bedroom 1	1.0	6.24	Yes
F2	Apt 101	Kitchen/Living	2.0	4.57	Yes
F2	Apt 101	Bedroom 1	1.0	5.98	Yes
F2	Apt 101	Bedroom 2	1.0	6.04	Yes
F2	Apt 102	Kitchen/Living	2.0	5.75	Yes
F2	Apt 102	Bedroom 1	1.0	5.47	Yes
F2	Apt 102	Bedroom 2	1.0	6.31	Yes
F2	Apt 103	Kitchen/Living	2.0	5.82	Yes
F2	Apt 103	Bedroom 1	1.0	5.31	Yes

Table 5 - Apartment Block F1 & F2 ADF Results

Apartment Block G ADF Results					
Block	Unit	Type	ADF Required (%)	ADF Results (%)	BRE Compliance
G	Apt 1	Kitchen/Living	2.0	4.83	Yes
G	Apt 1	Bedroom 1	1.0	5.09	Yes
G	Apt 2	Kitchen/Living	2.0	9.01	Yes
G	Apt 2	Bedroom 1	1.0	4.77	Yes
G	Apt 2	Bedroom 2	1.0	6.25	Yes
G	Apt 3	Kitchen/Living	2.0	5.27	Yes
G	Apt 3	Bedroom 1	1.0	3.52	Yes
G	Apt 4	Kitchen/Living	2.0	2.72	Yes
G	Apt 4	Bedroom 1	1.0	4.71	Yes
G	Apt 5	Kitchen/Living	2.0	4.73	Yes
G	Apt 5	Bedroom 1	1.0	6.15	Yes
G	Apt 5	Bedroom 2	1.0	6.69	Yes
G	Apt 6	Kitchen/Living	2.0	8.38	Yes
G	Apt 6	Bedroom 1	1.0	5.25	Yes
G	Apt 6	Bedroom 2	1.0	6.62	Yes
G	Apt 7	Kitchen/Living	2.0	4.68	Yes
G	Apt 7	Bedroom 1	1.0	2.89	Yes
G	Apt 8	Kitchen/Living	2.0	2.65	Yes
G	Apt 8	Bedroom 1	1.0	5.75	Yes
G	Apt 9	Kitchen/Living	2.0	7.75	Yes
G	Apt 9	Bedroom 1	1.0	4.79	Yes
G	Apt 9	Bedroom 2	1.0	6.27	Yes
G	Apt 10	Kitchen/Living	2.0	6.66	Yes

G	Apt 10	Bedroom 1	1.0	7.38	Yes
G	Apt 10	Bedroom 2	1.0	4.09	Yes
G	Apt 11	Kitchen/Living	2.0	2.62	Yes
G	Apt 11	Bedroom 1	1.0	5.84	Yes
G	Apt 12	Kitchen/Living	2.0	2.09	Yes
G	Apt 12	Bedroom 1	1.0	6.22	Yes
G	Apt 12	Bedroom 2	1.0	5.21	Yes
G	Apt 13	Kitchen/Living	2.0	6.09	Yes
G	Apt 13	Bedroom 1	1.0	6.10	Yes
G	Apt 13	Bedroom 2	1.0	2.22	Yes
G	Apt 14	Kitchen/Living	2.0	8.56	Yes
G	Apt 14	Bedroom 1	1.0	5.26	Yes
G	Apt 14	Bedroom 2	1.0	6.63	Yes
G	Apt 15	Kitchen/Living	2.0	3.93	Yes
G	Apt 15	Bedroom 1	1.0	6.62	Yes
G	Apt 16	Kitchen/Living	2.0	3.40	Yes
G	Apt 16	Bedroom 1	1.0	7.62	Yes
G	Apt 17	Kitchen/Living	2.0	7.85	Yes
G	Apt 17	Bedroom 1	1.0	4.79	Yes
G	Apt 17	Bedroom 2	1.0	6.27	Yes
G	Apt 18	Kitchen/Living	2.0	5.82	Yes
G	Apt 18	Bedroom 1	1.0	5.00	Yes
G	Apt 18	Bedroom 2	1.0	4.80	Yes
G	Apt 19	Kitchen/Living	2.0	2.37	Yes
G	Apt 19	Bedroom 1	1.0	6.61	Yes
G	Apt 20	Kitchen/Living	2.0	4.84	Yes
G	Apt 20	Bedroom 1	1.0	5.23	Yes
G	Apt 20	Bedroom 2	1.0	5.63	Yes
G	Apt 21	Kitchen/Living	2.0	6.66	Yes
G	Apt 21	Bedroom 1	1.0	6.08	Yes
G	Apt 21	Bedroom 2	1.0	8.28	Yes
G	Apt 22	Kitchen/Living	2.0	8.97	Yes
G	Apt 22	Bedroom 1	1.0	5.09	Yes
G	Apt 22	Bedroom 2	1.0	6.42	Yes
G	Apt 23	Kitchen/Living	2.0	5.53	Yes
G	Apt 23	Bedroom 1	1.0	4.85	Yes
G	Apt 24	Kitchen/Living	2.0	6.02	Yes
G	Apt 24	Bedroom 1	1.0	9.38	Yes
G	Apt 25	Kitchen/Living	2.0	10.70	Yes
G	Apt 25	Bedroom 1	1.0	4.66	Yes
G	Apt 25	Bedroom 2	1.0	6.08	Yes
G	Apt 26	Kitchen/Living	2.0	10.00	Yes
G	Apt 26	Bedroom 1	1.0	6.60	Yes

G	Apt 26	Bedroom 2	1.0	5.18	Yes
G	Apt 27	Kitchen/Living	2.0	5.25	Yes
G	Apt 27	Bedroom 1	1.0	8.89	Yes
G	Apt 28	Kitchen/Living	2.0	8.34	Yes
G	Apt 28	Bedroom 1	1.0	5.35	Yes
G	Apt 28	Bedroom 2	1.0	6.54	Yes
G	Apt 29	Kitchen/Living	2.0	5.64	Yes
G	Apt 29	Bedroom 1	1.0	7.46	Yes
G	Apt 30	Kitchen/Living	2.0	4.95	Yes
G	Apt 30	Bedroom 1	1.0	3.00	Yes
G	Apt 31	Kitchen/Living	2.0	4.25	Yes
G	Apt 31	Bedroom 1	1.0	7.98	Yes
G	Apt 32	Kitchen/Living	2.0	8.62	Yes
G	Apt 32	Bedroom 1	1.0	5.46	Yes
G	Apt 32	Bedroom 2	1.0	6.83	Yes
G	Apt 33	Kitchen/Living	2.0	7.41	Yes
G	Apt 33	Bedroom 1	1.0	6.70	Yes
G	Apt 33	Bedroom 2	1.0	4.91	Yes
G	Apt 34	Kitchen/Living	2.0	2.49	Yes
G	Apt 34	Bedroom 1	1.0	6.25	Yes
G	Apt 35	Kitchen/Living	2.0	3.34	Yes
G	Apt 35	Bedroom 1	1.0	2.34	Yes
G	Apt 36	Kitchen/Living	2.0	3.98	Yes
G	Apt 36	Bedroom 1	1.0	7.00	Yes
G	Apt 37	Kitchen/Living	2.0	3.44	Yes
G	Apt 37	Bedroom 1	1.0	8.22	Yes
G	Apt 38	Kitchen/Living	2.0	8.59	Yes
G	Apt 38	Bedroom 1	1.0	5.45	Yes
G	Apt 38	Bedroom 2	1.0	6.84	Yes
G	Apt 39	Kitchen/Living	2.0	6.17	Yes
G	Apt 39	Bedroom 1	1.0	5.09	Yes
G	Apt 39	Bedroom 2	1.0	5.31	Yes
G	Apt 40	Kitchen/Living	2.0	2.87	Yes
G	Apt 40	Bedroom 1	1.0	6.81	Yes
G	Apt 41	Kitchen/Living	2.0	2.65	Yes
G	Apt 41	Bedroom 1	1.0	4.44	Yes
G	Apt 42	Kitchen/Living	2.0	4.53	Yes
G	Apt 42	Bedroom 1	1.0	2.15	Yes
G	Apt 43	Kitchen/Living	2.0	2.49	Yes
G	Apt 43	Bedroom 1	1.0	7.62	Yes
G	Apt 44	Kitchen/Living	2.0	6.59	Yes
G	Apt 44	Bedroom 1	1.0	4.70	Yes
G	Apt 44	Bedroom 2	1.0	5.93	Yes

G	Apt 45	Kitchen/Living	2.0	6.72	Yes
G	Apt 45	Bedroom 1	1.0	5.72	Yes
G	Apt 45	Bedroom 2	1.0	4.83	Yes
G	Apt 46	Kitchen/Living	2.0	2.17	Yes
G	Apt 46	Bedroom 1	1.0	6.99	Yes
G	Apt 47	Kitchen/Living	2.0	2.26	Yes
G	Apt 47	Bedroom 1	1.0	2.15	Yes
G	Apt 48	Kitchen/Living	2.0	2.45	Yes
G	Apt 48	Bedroom 1	1.0	4.02	Yes
G	Apt 49	Kitchen/Living	2.0	2.33	Yes
G	Apt 49	Bedroom 1	1.0	4.52	Yes
G	Apt 50	Kitchen/Living	2.0	2.52	Yes
G	Apt 50	Bedroom 1	1.0	4.87	Yes
G	Apt 50	Bedroom 2	1.0	6.33	Yes
G	Apt 51	Kitchen/Living	2.0	2.41	Yes
G	Apt 51	Bedroom 1	1.0	4.55	Yes
G	Apt 51	Bedroom 2	1.0	5.98	Yes
G	Apt 52	Kitchen/Living	2.0	2.47	Yes
G	Apt 52	Bedroom 1	1.0	4.05	Yes
G	Apt 53	Kitchen/Living	2.0	6.5	Yes
G	Apt 53	Bedroom 1	1.0	5.74	Yes
G	Apt 53	Bedroom 2	1.0	6.84	Yes
G	Apt 54	Kitchen/Living	2.0	5.34	Yes
G	Apt 54	Bedroom 1	1.0	5.14	Yes
G	Apt 55	Kitchen/Living	2.0	4.81	Yes
G	Apt 55	Bedroom 1	1.0	4.13	Yes
G	Apt 55	Bedroom 2	1.0	4.80	Yes
G	Apt 56	Kitchen/Living	2.0	5.33	Yes
G	Apt 56	Bedroom 1	1.0	4.30	Yes
G	Apt 56	Bedroom 2	1.0	6.51	Yes
G	Apt 57	Kitchen/Living	2.0	7.99	Yes
G	Apt 57	Bedroom 1	1.0	5.13	Yes
G	Apt 57	Bedroom 2	1.0	6.73	Yes
G	Apt 58	Kitchen/Living	2.0	5.17	Yes
G	Apt 58	Bedroom 1	1.0	5.38	Yes
G	Apt 58	Bedroom 2	1.0	4.77	Yes
G	Apt 59	Kitchen/Living	2.0	5.84	Yes
G	Apt 59	Bedroom 1	1.0	2.62	Yes
G	Apt 59	Bedroom 2	1.0	6.51	Yes
G	Apt 60	Kitchen/Living	2.0	5.94	Yes
G	Apt 60	Bedroom 1	1.0	5.80	Yes
G	Apt 60	Bedroom 2	1.0	6.88	Yes
G	Apt 61	Kitchen/Living	2.0	7.27	Yes

G	Apt 61	Bedroom 1	1.0	4.48	Yes
G	Apt 61	Bedroom 2	1.0	5.59	Yes
G	Apt 62	Kitchen/Living	2.0	4.70	Yes
G	Apt 62	Bedroom 1	1.0	4.02	Yes
G	Apt 62	Bedroom 2	1.0	5.61	Yes
G	Apt 63	Kitchen/Living	2.0	6.89	Yes
G	Apt 63	Bedroom 1	1.0	4.51	Yes
G	Apt 63	Bedroom 2	1.0	5.84	Yes
G	Apt 64	Kitchen/Living	2.0	2.67	Yes
G	Apt 64	Bedroom 1	1.0	4.51	Yes
G	Apt 64	Bedroom 2	1.0	4.25	Yes
G	Apt 65	Kitchen/Living	2.0	2.58	Yes
G	Apt 65	Bedroom 1	1.0	4.87	Yes
G	Apt 65	Bedroom 2	1.0	4.99	Yes

Table 6 – Apartment Block G ADF Results

Apartment Block H ADF Results					
Block	Unit	Type	ADF Required (%)	ADF Results (%)	BRE Compliance
H	Apt 1	Kitchen/Living	2.0	4.60	Yes
H	Apt 1	Bedroom 1	1.0	2.66	Yes
H	Apt 1	Bedroom 2	1.0	5.00	Yes
H	Apt 2	Kitchen/Living	2.0	2.76	Yes
H	Apt 2	Bedroom 1	1.0	3.29	Yes
H	Apt 3	Kitchen/Living	2.0	2.94	Yes
H	Apt 3	Bedroom 1	1.0	2.17	Yes
H	Apt 4	Kitchen/Living	2.0	4.72	Yes
H	Apt 4	Bedroom 1	1.0	4.60	Yes
H	Apt 4	Bedroom 2	1.0	5.16	Yes
H	Apt 5	Kitchen/Living	2.0	4.37	Yes
H	Apt 5	Bedroom 1	1.0	4.85	Yes
H	Apt 5	Bedroom 2	1.0	5.42	Yes
H	Apt 6	Kitchen/Living	2.0	2.81	Yes
H	Apt 6	Bedroom 1	1.0	5.11	Yes
H	Apt 7	Kitchen/Living	2.0	2.88	Yes
H	Apt 7	Bedroom 1	1.0	5.19	Yes
H	Apt 8	Kitchen/Living	2.0	2.79	Yes
H	Apt 8	Bedroom 1	1.0	4.48	Yes
H	Apt 8	Bedroom 2	1.0	4.87	Yes
H	Apt 9	Kitchen/Living	2.0	4.92	Yes
H	Apt 9	Bedroom 1	1.0	4.63	Yes

H	Apt 9	Bedroom 2	1.0	5.19	Yes
H	Apt 10	Kitchen/Living	2.0	4.47	Yes
H	Apt 10	Bedroom 1	1.0	4.89	Yes
H	Apt 10	Bedroom 2	1.0	5.44	Yes
H	Apt 11	Kitchen/Living	2.0	2.82	Yes
H	Apt 11	Bedroom 1	1.0	5.13	Yes
H	Apt 12	Kitchen/Living	2.0	2.89	Yes
H	Apt 12	Bedroom 1	1.0	5.23	Yes
H	Apt 13	Kitchen/Living	2.0	2.81	Yes
H	Apt 13	Bedroom 1	1.0	4.52	Yes
H	Apt 13	Bedroom 2	1.0	4.90	Yes
H	Apt 14	Kitchen/Living	2.0	5.11	Yes
H	Apt 14	Bedroom 1	1.0	4.66	Yes
H	Apt 14	Bedroom 2	1.0	5.20	Yes
H	Apt 15	Kitchen/Living	2.0	4.53	Yes
H	Apt 15	Bedroom 1	1.0	4.91	Yes
H	Apt 15	Bedroom 2	1.0	5.45	Yes
H	Apt 16	Kitchen/Living	2.0	2.83	Yes
H	Apt 16	Bedroom 1	1.0	5.17	Yes
H	Apt 17	Kitchen/Living	2.0	2.91	Yes
H	Apt 17	Bedroom 1	1.0	5.26	Yes
H	Apt 18	Kitchen/Living	2.0	2.81	Yes
H	Apt 18	Bedroom 1	1.0	4.52	Yes
H	Apt 18	Bedroom 2	1.0	4.91	Yes
H	Apt 19	Kitchen/Living	2.0	7.24	Yes
H	Apt 19	Bedroom 1	1.0	4.64	Yes
H	Apt 19	Bedroom 2	1.0	5.19	Yes
H	Apt 20	Kitchen/Living	2.0	6.92	Yes
H	Apt 20	Bedroom 1	1.0	4.89	Yes
H	Apt 20	Bedroom 2	1.0	5.44	Yes
H	Apt 21	Kitchen/Living	2.0	5.07	Yes
H	Apt 21	Bedroom 1	1.0	6.25	Yes
H	Apt 22	Kitchen/Living	2.0	5.22	Yes
H	Apt 22	Bedroom 1	1.0	6.37	Yes
H	Apt 23	Kitchen/Living	2.0	5.16	Yes
H	Apt 23	Bedroom 1	1.0	4.52	Yes
H	Apt 23	Bedroom 2	1.0	4.90	Yes
H	Apt 24	Kitchen/Living	2.0	2.86	Yes
H	Apt 24	Bedroom 1	1.0	2.25	Yes
H	Apt 25	Kitchen/Living	2.0	2.83	Yes
H	Apt 25	Bedroom 1	1.0	3.60	Yes
H	Apt 26	Kitchen/Living	2.0	4.77	Yes
H	Apt 26	Bedroom 1	1.0	2.75	Yes

H	Apt 26	Bedroom 2	1.0	5.18	Yes
H	Apt 27	Kitchen/Living	2.0	2.74	Yes
H	Apt 27	Bedroom 1	1.0	4.56	Yes
H	Apt 27	Bedroom 2	1.0	5.00	Yes
H	Apt 28	Kitchen/Living	2.0	2.80	Yes
H	Apt 28	Bedroom 1	1.0	5.07	Yes
H	Apt 29	Kitchen/Living	2.0	2.87	Yes
H	Apt 29	Bedroom 1	1.0	5.20	Yes
H	Apt 30	Kitchen/Living	2.0	4.48	Yes
H	Apt 30	Bedroom 1	1.0	4.99	Yes
H	Apt 30	Bedroom 2	1.0	5.58	Yes
H	Apt 31	Kitchen/Living	2.0	5.25	Yes
H	Apt 31	Bedroom 1	1.0	4.71	Yes
H	Apt 31	Bedroom 2	1.0	5.14	Yes
H	Apt 32	Kitchen/Living	2.0	2.76	Yes
H	Apt 32	Bedroom 1	1.0	4.60	Yes
H	Apt 32	Bedroom 2	1.0	5.04	Yes
H	Apt 33	Kitchen/Living	2.0	2.82	Yes
H	Apt 33	Bedroom 1	1.0	5.13	Yes
H	Apt 34	Kitchen/Living	2.0	2.88	Yes
H	Apt 34	Bedroom 1	1.0	5.22	Yes
H	Apt 35	Kitchen/Living	2.0	4.50	Yes
H	Apt 35	Bedroom 1	1.0	5.04	Yes
H	Apt 35	Bedroom 2	1.0	5.63	Yes
H	Apt 36	Kitchen/Living	2.0	5.26	Yes
H	Apt 36	Bedroom 1	1.0	4.73	Yes
H	Apt 36	Bedroom 2	1.0	5.15	Yes
H	Apt 37	Kitchen/Living	2.0	2.76	Yes
H	Apt 37	Bedroom 1	1.0	4.60	Yes
H	Apt 37	Bedroom 2	1.0	5.05	Yes
H	Apt 38	Kitchen/Living	2.0	2.83	Yes
H	Apt 38	Bedroom 1	1.0	5.14	Yes
H	Apt 39	Kitchen/Living	2.0	2.90	Yes
H	Apt 39	Bedroom 1	1.0	5.26	Yes
H	Apt 40	Kitchen/Living	2.0	4.50	Yes
H	Apt 40	Bedroom 1	1.0	5.05	Yes
H	Apt 40	Bedroom 2	1.0	5.64	Yes
H	Apt 41	Kitchen/Living	2.0	5.27	Yes
H	Apt 41	Bedroom 1	1.0	4.75	Yes
H	Apt 41	Bedroom 2	1.0	5.16	Yes
H	Apt 42	Kitchen/Living	2.0	5.02	Yes
H	Apt 42	Bedroom 1	1.0	4.60	Yes
H	Apt 42	Bedroom 2	1.0	5.03	Yes

H	Apt 43	Kitchen/Living	2.0	5.07	Yes
H	Apt 43	Bedroom 1	1.0	6.23	Yes
H	Apt 44	Kitchen/Living	2.0	5.21	Yes
H	Apt 44	Bedroom 1	1.0	6.39	Yes
H	Apt 45	Kitchen/Living	2.0	6.72	Yes
H	Apt 45	Bedroom 1	1.0	5.04	Yes
H	Apt 45	Bedroom 2	1.0	5.62	Yes
H	Apt 46	Kitchen/Living	2.0	7.19	Yes
H	Apt 46	Bedroom 1	1.0	4.74	Yes
H	Apt 46	Bedroom 2	1.0	5.13	Yes

Table 7 – Apartment Block H ADF Results

Apartment Block J ADF Results					
Block	Unit	Type	ADF Required (%)	ADF Results (%)	BRE Compliance
J (A)	Apt 4	Kitchen/Living	2.0	5.37	Yes
J (A)	Apt 4	Bedroom 1	1.0	4.75	Yes
J (A)	Apt 4	Bedroom 2	1.0	5.23	Yes
J (A)	Apt 5	Kitchen/Living	2.0	4.42	Yes
J (A)	Apt 5	Bedroom 1	1.0	5.19	Yes
J (A)	Apt 5	Bedroom 2	1.0	5.84	Yes
J (A)	Apt 6	Kitchen/Living	2.0	2.72	Yes
J (A)	Apt 6	Bedroom 1	1.0	5.01	Yes
J (A)	Apt 7	Kitchen/Living	2.0	2.69	Yes
J (A)	Apt 7	Bedroom 1	1.0	5.15	Yes
J (A)	Apt 8	Kitchen/Living	2.0	2.74	Yes
J (A)	Apt 8	Bedroom 1	1.0	4.62	Yes
J (A)	Apt 8	Bedroom 2	1.0	5.04	Yes
J (A)	Apt 9	Kitchen/Living	2.0	5.38	Yes
J (A)	Apt 9	Bedroom 1	1.0	4.79	Yes
J (A)	Apt 9	Bedroom 2	1.0	5.26	Yes
J (A)	Apt 10	Kitchen/Living	2.0	4.46	Yes
J (A)	Apt 10	Bedroom 1	1.0	5.23	Yes
J (A)	Apt 10	Bedroom 2	1.0	5.90	Yes
J (A)	Apt 11	Kitchen/Living	2.0	2.74	Yes
J (A)	Apt 11	Bedroom 1	1.0	5.05	Yes
J (A)	Apt 12	Kitchen/Living	2.0	2.71	Yes
J (A)	Apt 12	Bedroom 1	1.0	5.18	Yes
J (A)	Apt 13	Kitchen/Living	2.0	2.76	Yes
J (A)	Apt 13	Bedroom 1	1.0	4.65	Yes
J (A)	Apt 13	Bedroom 2	1.0	5.07	Yes

J (A)	Apt 14	Kitchen/Living	2.0	5.39	Yes
J (A)	Apt 14	Bedroom 1	1.0	4.80	Yes
J (A)	Apt 14	Bedroom 2	1.0	5.27	Yes
J (A)	Apt 15	Kitchen/Living	2.0	4.47	Yes
J (A)	Apt 15	Bedroom 1	1.0	5.25	Yes
J (A)	Apt 15	Bedroom 2	1.0	5.92	Yes
J (A)	Apt 16	Kitchen/Living	2.0	2.75	Yes
J (A)	Apt 16	Bedroom 1	1.0	5.08	Yes
J (A)	Apt 17	Kitchen/Living	2.0	2.71	Yes
J (A)	Apt 17	Bedroom 1	1.0	5.21	Yes
J (A)	Apt 18	Kitchen/Living	2.0	2.76	Yes
J (A)	Apt 18	Bedroom 1	1.0	4.65	Yes
J (A)	Apt 18	Bedroom 2	1.0	5.09	Yes
J (A)	Apt 19	Kitchen/Living	2.0	7.08	Yes
J (A)	Apt 19	Bedroom 1	1.0	4.56	Yes
J (A)	Apt 19	Bedroom 2	1.0	5.01	Yes
J (A)	Apt 20	Kitchen/Living	2.0	6.16	Yes
J (A)	Apt 20	Bedroom 1	1.0	5.00	Yes
J (A)	Apt 20	Bedroom 2	1.0	5.63	Yes
J (A)	Apt 21	Kitchen/Living	2.0	4.60	Yes
J (A)	Apt 21	Bedroom 1	1.0	5.77	Yes
J (A)	Apt 22	Kitchen/Living	2.0	4.54	Yes
J (A)	Apt 22	Bedroom 1	1.0	6.00	Yes
J (A)	Apt 23	Kitchen/Living	2.0	4.77	Yes
J (A)	Apt 23	Bedroom 1	1.0	4.42	Yes
J (A)	Apt 23	Bedroom 2	1.0	4.48	Yes
J (B)	Apt 27	Kitchen/Living	2.0	2.69	Yes
J (B)	Apt 27	Bedroom 1	1.0	4.53	Yes
J (B)	Apt 27	Bedroom 2	1.0	4.98	Yes
J (B)	Apt 28	Kitchen/Living	2.0	2.71	Yes
J (B)	Apt 28	Bedroom 1	1.0	5.01	Yes
J (B)	Apt 29	Kitchen/Living	2.0	2.70	Yes
J (B)	Apt 29	Bedroom 1	1.0	5.15	Yes
J (B)	Apt 30	Kitchen/Living	2.0	4.11	Yes
J (B)	Apt 30	Bedroom 1	1.0	4.98	Yes
J (B)	Apt 30	Bedroom 2	1.0	5.42	Yes
J (B)	Apt 31	Kitchen/Living	2.0	4.51	Yes
J (B)	Apt 31	Bedroom 1	1.0	4.72	Yes
J (B)	Apt 31	Bedroom 2	1.0	5.24	Yes
J (B)	Apt 32	Kitchen/Living	2.0	2.71	Yes
J (B)	Apt 32	Bedroom 1	1.0	4.57	Yes
J (B)	Apt 32	Bedroom 2	1.0	5.01	Yes
J (B)	Apt 33	Kitchen/Living	2.0	2.75	Yes

J (B)	Apt 33	Bedroom 1	1.0	5.05	Yes
J (B)	Apt 34	Kitchen/Living	2.0	2.72	Yes
J (B)	Apt 34	Bedroom 1	1.0	5.20	Yes
J (B)	Apt 35	Kitchen/Living	2.0	4.23	Yes
J (B)	Apt 35	Bedroom 1	1.0	5.04	Yes
J (B)	Apt 35	Bedroom 2	1.0	5.47	Yes
J (B)	Apt 36	Kitchen/Living	2.0	4.73	Yes
J (B)	Apt 36	Bedroom 1	1.0	4.79	Yes
J (B)	Apt 36	Bedroom 2	1.0	5.31	Yes
J (B)	Apt 37	Kitchen/Living	2.0	2.72	Yes
J (B)	Apt 37	Bedroom 1	1.0	4.58	Yes
J (B)	Apt 37	Bedroom 2	1.0	5.04	Yes
J (B)	Apt 38	Kitchen/Living	2.0	2.75	Yes
J (B)	Apt 38	Bedroom 1	1.0	5.09	Yes
J (B)	Apt 39	Kitchen/Living	2.0	2.72	Yes
J (B)	Apt 39	Bedroom 1	1.0	5.22	Yes
J (B)	Apt 40	Kitchen/Living	2.0	4.31	Yes
J (B)	Apt 40	Bedroom 1	1.0	5.05	Yes
J (B)	Apt 40	Bedroom 2	1.0	5.49	Yes
J (B)	Apt 41	Kitchen/Living	2.0	4.94	Yes
J (B)	Apt 41	Bedroom 1	1.0	4.79	Yes
J (B)	Apt 41	Bedroom 2	1.0	5.34	Yes
J (B)	Apt 42	Kitchen/Living	2.0	4.66	Yes
J (B)	Apt 42	Bedroom 1	1.0	4.35	Yes
J (B)	Apt 42	Bedroom 2	1.0	4.79	Yes
J (B)	Apt 43	Kitchen/Living	2.0	4.57	Yes
J (B)	Apt 43	Bedroom 1	1.0	5.76	Yes
J (B)	Apt 44	Kitchen/Living	2.0	4.56	Yes
J (B)	Apt 44	Bedroom 1	1.0	6.01	Yes
J (B)	Apt 45	Kitchen/Living	2.0	6.15	Yes
J (B)	Apt 45	Bedroom 1	1.0	4.79	Yes
J (B)	Apt 45	Bedroom 2	1.0	5.19	Yes
J (B)	Apt 46	Kitchen/Living	2.0	6.71	Yes
J (B)	Apt 46	Bedroom 1	1.0	4.56	Yes
J (B)	Apt 46	Bedroom 2	1.0	5.06	Yes

Table 8 – Apartment Block J ADF Results

Apartment Block L ADF Results

Block	Unit	Type	ADF Required (%)	ADF Results (%)	BRE Compliance
L (A)	Apt 1	Kitchen/Living	2.0	4.91	Yes
L (A)	Apt 1	Bedroom 1	1.0	2.82	Yes
L (A)	Apt 1	Bedroom 2	1.0	5.56	Yes
L (A)	Apt 2	Kitchen/Living	2.0	2.79	Yes
L (A)	Apt 2	Bedroom 1	1.0	3.63	Yes
L (A)	Apt 3	Kitchen/Living	2.0	2.93	Yes
L (A)	Apt 3	Bedroom 1	1.0	2.27	Yes
L (A)	Apt 4	Kitchen/Living	2.0	5.37	Yes
L (A)	Apt 4	Bedroom 1	1.0	4.75	Yes
L (A)	Apt 4	Bedroom 2	1.0	5.23	Yes
L (A)	Apt 5	Kitchen/Living	2.0	4.42	Yes
L (A)	Apt 5	Bedroom 1	1.0	5.19	Yes
L (A)	Apt 5	Bedroom 2	1.0	5.84	Yes
L (A)	Apt 6	Kitchen/Living	2.0	2.72	Yes
L (A)	Apt 6	Bedroom 1	1.0	5.01	Yes
L (A)	Apt 7	Kitchen/Living	2.0	2.69	Yes
L (A)	Apt 7	Bedroom 1	1.0	5.15	Yes
L (A)	Apt 8	Kitchen/Living	2.0	2.74	Yes
L (A)	Apt 8	Bedroom 1	1.0	4.62	Yes
L (A)	Apt 8	Bedroom 2	1.0	5.04	Yes
L (A)	Apt 9	Kitchen/Living	2.0	5.38	Yes
L (A)	Apt 9	Bedroom 1	1.0	4.79	Yes
L (A)	Apt 9	Bedroom 2	1.0	5.26	Yes
L (A)	Apt 10	Kitchen/Living	2.0	4.46	Yes
L (A)	Apt 10	Bedroom 1	1.0	5.23	Yes
L (A)	Apt 10	Bedroom 2	1.0	5.90	Yes
L (A)	Apt 11	Kitchen/Living	2.0	2.74	Yes
L (A)	Apt 11	Bedroom 1	1.0	5.05	Yes
L (A)	Apt 12	Kitchen/Living	2.0	2.71	Yes
L (A)	Apt 12	Bedroom 1	1.0	5.18	Yes
L (A)	Apt 13	Kitchen/Living	2.0	2.76	Yes
L (A)	Apt 13	Bedroom 1	1.0	4.65	Yes
L (A)	Apt 13	Bedroom 2	1.0	5.07	Yes
L (A)	Apt 14	Kitchen/Living	2.0	5.39	Yes
L (A)	Apt 14	Bedroom 1	1.0	4.80	Yes
L (A)	Apt 14	Bedroom 2	1.0	5.27	Yes
L (A)	Apt 15	Kitchen/Living	2.0	4.47	Yes
L (A)	Apt 15	Bedroom 1	1.0	5.25	Yes
L (A)	Apt 15	Bedroom 2	1.0	5.92	Yes
L (A)	Apt 16	Kitchen/Living	2.0	2.75	Yes

L (A)	Apt 16	Bedroom 1	1.0	5.08	Yes
L (A)	Apt 17	Kitchen/Living	2.0	2.71	Yes
L (A)	Apt 17	Bedroom 1	1.0	5.21	Yes
L (A)	Apt 18	Kitchen/Living	2.0	2.76	Yes
L (A)	Apt 18	Bedroom 1	1.0	4.65	Yes
L (A)	Apt 18	Bedroom 2	1.0	5.09	Yes
L (A)	Apt 19	Kitchen/Living	2.0	7.08	Yes
L (A)	Apt 19	Bedroom 1	1.0	4.56	Yes
L (A)	Apt 19	Bedroom 2	1.0	5.01	Yes
L (A)	Apt 20	Kitchen/Living	2.0	6.16	Yes
L (A)	Apt 20	Bedroom 1	1.0	5.00	Yes
L (A)	Apt 20	Bedroom 2	1.0	5.63	Yes
L (A)	Apt 21	Kitchen/Living	2.0	4.60	Yes
L (A)	Apt 21	Bedroom 1	1.0	5.77	Yes
L (A)	Apt 22	Kitchen/Living	2.0	4.54	Yes
L (A)	Apt 22	Bedroom 1	1.0	6.00	Yes
L (A)	Apt 23	Kitchen/Living	2.0	4.77	Yes
L (A)	Apt 23	Bedroom 1	1.0	4.42	Yes
L (A)	Apt 23	Bedroom 2	1.0	4.48	Yes
L (B)	Apt 24	Kitchen/Living	2.0	2.91	Yes
L (B)	Apt 24	Bedroom 1	1.0	2.71	Yes
L (B)	Apt 24	Bedroom 2	1.0	2.74	Yes
L (B)	Apt 25	Kitchen/Living	2.0	3.54	Yes
L (B)	Apt 25	Bedroom 1	1.0	4.58	Yes
L (B)	Apt 26	Kitchen/Living	2.0	2.89	Yes
L (B)	Apt 26	Bedroom 1	1.0	5.36	Yes
L (B)	Apt 27	Kitchen/Living	2.0	2.69	Yes
L (B)	Apt 27	Bedroom 1	1.0	4.53	Yes
L (B)	Apt 27	Bedroom 2	1.0	4.98	Yes
L (B)	Apt 28	Kitchen/Living	2.0	2.71	Yes
L (B)	Apt 28	Bedroom 1	1.0	5.01	Yes
L (B)	Apt 29	Kitchen/Living	2.0	2.70	Yes
L (B)	Apt 29	Bedroom 1	1.0	5.15	Yes
L (B)	Apt 30	Kitchen/Living	2.0	4.11	Yes
L (B)	Apt 30	Bedroom 1	1.0	4.98	Yes
L (B)	Apt 30	Bedroom 2	1.0	5.42	Yes
L (B)	Apt 31	Kitchen/Living	2.0	4.51	Yes
L (B)	Apt 31	Bedroom 1	1.0	4.72	Yes
L (B)	Apt 31	Bedroom 2	1.0	5.24	Yes
L (B)	Apt 32	Kitchen/Living	2.0	2.71	Yes
L (B)	Apt 32	Bedroom 1	1.0	4.57	Yes
L (B)	Apt 32	Bedroom 2	1.0	5.01	Yes
L (B)	Apt 33	Kitchen/Living	2.0	2.75	Yes

L (B)	Apt 33	Bedroom 1	1.0	5.05	Yes
L (B)	Apt 34	Kitchen/Living	2.0	2.72	Yes
L (B)	Apt 34	Bedroom 1	1.0	5.20	Yes
L (B)	Apt 35	Kitchen/Living	2.0	4.23	Yes
L (B)	Apt 35	Bedroom 1	1.0	5.04	Yes
L (B)	Apt 35	Bedroom 2	1.0	5.47	Yes
L (B)	Apt 36	Kitchen/Living	2.0	4.73	Yes
L (B)	Apt 36	Bedroom 1	1.0	4.79	Yes
L (B)	Apt 36	Bedroom 2	1.0	5.31	Yes
L (B)	Apt 37	Kitchen/Living	2.0	2.72	Yes
L (B)	Apt 37	Bedroom 1	1.0	4.58	Yes
L (B)	Apt 37	Bedroom 2	1.0	5.04	Yes
L (B)	Apt 38	Kitchen/Living	2.0	2.75	Yes
L (B)	Apt 38	Bedroom 1	1.0	5.09	Yes
L (B)	Apt 39	Kitchen/Living	2.0	2.72	Yes
L (B)	Apt 39	Bedroom 1	1.0	5.22	Yes
L (B)	Apt 40	Kitchen/Living	2.0	4.31	Yes
L (B)	Apt 40	Bedroom 1	1.0	5.05	Yes
L (B)	Apt 40	Bedroom 2	1.0	5.49	Yes
L (B)	Apt 41	Kitchen/Living	2.0	4.94	Yes
L (B)	Apt 41	Bedroom 1	1.0	4.79	Yes
L (B)	Apt 41	Bedroom 2	1.0	5.34	Yes
L (B)	Apt 42	Kitchen/Living	2.0	4.66	Yes
L (B)	Apt 42	Bedroom 1	1.0	4.35	Yes
L (B)	Apt 42	Bedroom 2	1.0	4.79	Yes
L (B)	Apt 43	Kitchen/Living	2.0	4.57	Yes
L (B)	Apt 43	Bedroom 1	1.0	5.76	Yes
L (B)	Apt 44	Kitchen/Living	2.0	4.56	Yes
L (B)	Apt 44	Bedroom 1	1.0	6.01	Yes
L (B)	Apt 45	Kitchen/Living	2.0	6.15	Yes
L (B)	Apt 45	Bedroom 1	1.0	4.79	Yes
L (B)	Apt 45	Bedroom 2	1.0	5.19	Yes
L (B)	Apt 46	Kitchen/Living	2.0	6.71	Yes
L (B)	Apt 46	Bedroom 1	1.0	4.56	Yes
L (B)	Apt 46	Bedroom 2	1.0	5.06	Yes

Table 9 – Apartment Block L ADF Results

Apartment Block M ADF Results					
Block	Unit	Type	ADF Required (%)	ADF Results (%)	BRE Compliance
M (A)	Apt 1	Kitchen/Living	2.0	4.91	Yes

M (A)	Apt 1	Bedroom 1	1.0	2.82	Yes
M (A)	Apt 1	Bedroom 2	1.0	5.56	Yes
M (A)	Apt 2	Kitchen/Living	2.0	2.79	Yes
M (A)	Apt 2	Bedroom 1	1.0	3.63	Yes
M (A)	Apt 3	Kitchen/Living	2.0	2.93	Yes
M (A)	Apt 3	Bedroom 1	1.0	2.27	Yes
M (A)	Apt 4	Kitchen/Living	2.0	5.29	Yes
M (A)	Apt 4	Bedroom 1	1.0	4.76	Yes
M (A)	Apt 4	Bedroom 2	1.0	5.26	Yes
M (A)	Apt 5	Kitchen/Living	2.0	4.62	Yes
M (A)	Apt 5	Bedroom 1	1.0	5.11	Yes
M (A)	Apt 5	Bedroom 2	1.0	5.95	Yes
M (A)	Apt 6	Kitchen/Living	2.0	2.82	Yes
M (A)	Apt 6	Bedroom 1	1.0	5.26	Yes
M (A)	Apt 7	Kitchen/Living	2.0	2.87	Yes
M (A)	Apt 7	Bedroom 1	1.0	5.24	Yes
M (A)	Apt 8	Kitchen/Living	2.0	2.81	Yes
M (A)	Apt 8	Bedroom 1	1.0	4.66	Yes
M (A)	Apt 8	Bedroom 2	1.0	5.07	Yes
M (A)	Apt 9	Kitchen/Living	2.0	5.32	Yes
M (A)	Apt 9	Bedroom 1	1.0	4.74	Yes
M (A)	Apt 9	Bedroom 2	1.0	5.30	Yes
M (A)	Apt 10	Kitchen/Living	2.0	4.65	Yes
M (A)	Apt 10	Bedroom 1	1.0	5.17	Yes
M (A)	Apt 10	Bedroom 2	1.0	6.00	Yes
M (A)	Apt 11	Kitchen/Living	2.0	2.85	Yes
M (A)	Apt 11	Bedroom 1	1.0	5.30	Yes
M (A)	Apt 12	Kitchen/Living	2.0	2.90	Yes
M (A)	Apt 12	Bedroom 1	1.0	5.28	Yes
M (A)	Apt 13	Kitchen/Living	2.0	2.85	Yes
M (A)	Apt 13	Bedroom 1	1.0	4.69	Yes
M (A)	Apt 13	Bedroom 2	1.0	5.11	Yes
M (A)	Apt 14	Kitchen/Living	2.0	5.33	Yes
M (A)	Apt 14	Bedroom 1	1.0	4.76	Yes
M (A)	Apt 14	Bedroom 2	1.0	5.31	Yes
M (A)	Apt 15	Kitchen/Living	2.0	4.65	Yes
M (A)	Apt 15	Bedroom 1	1.0	5.19	Yes
M (A)	Apt 15	Bedroom 2	1.0	6.01	Yes
M (A)	Apt 16	Kitchen/Living	2.0	2.86	Yes
M (A)	Apt 16	Bedroom 1	1.0	5.34	Yes
M (A)	Apt 17	Kitchen/Living	2.0	2.91	Yes
M (A)	Apt 17	Bedroom 1	1.0	5.31	Yes
M (A)	Apt 18	Kitchen/Living	2.0	2.86	Yes

M (A)	Apt 18	Bedroom 1	1.0	4.70	Yes
M (A)	Apt 18	Bedroom 2	1.0	5.12	Yes
M (A)	Apt 19	Kitchen/Living	2.0	5.34	Yes
M (A)	Apt 19	Bedroom 1	1.0	4.76	Yes
M (A)	Apt 19	Bedroom 2	1.0	5.32	Yes
M (A)	Apt 20	Kitchen/Living	2.0	4.66	Yes
M (A)	Apt 20	Bedroom 1	1.0	5.19	Yes
M (A)	Apt 20	Bedroom 2	1.0	6.04	Yes
M (A)	Apt 21	Kitchen/Living	2.0	2.87	Yes
M (A)	Apt 21	Bedroom 1	1.0	5.35	Yes
M (A)	Apt 22	Kitchen/Living	2.0	2.91	Yes
M (A)	Apt 22	Bedroom 1	1.0	5.33	Yes
M (A)	Apt 23	Kitchen/Living	2.0	2.86	Yes
M (A)	Apt 23	Bedroom 1	1.0	4.72	Yes
M (A)	Apt 23	Bedroom 2	1.0	5.14	Yes
M (A)	Apt 24	Kitchen/Living	2.0	6.91	Yes
M (A)	Apt 24	Bedroom 1	1.0	4.54	Yes
M (A)	Apt 24	Bedroom 2	1.0	5.06	Yes
M (A)	Apt 25	Kitchen/Living	2.0	6.58	Yes
M (A)	Apt 25	Bedroom 1	1.0	4.93	Yes
M (A)	Apt 25	Bedroom 2	1.0	5.75	Yes
M (A)	Apt 26	Kitchen/Living	2.0	4.88	Yes
M (A)	Apt 26	Bedroom 1	1.0	6.17	Yes
M (A)	Apt 27	Kitchen/Living	2.0	4.99	Yes
M (A)	Apt 27	Bedroom 1	1.0	6.19	Yes
M (A)	Apt 28	Kitchen/Living	2.0	5.01	Yes
M (A)	Apt 28	Bedroom 1	1.0	4.49	Yes
M (A)	Apt 28	Bedroom 2	1.0	4.88	Yes
M (B)	Apt 29	Kitchen/Living	2.0	2.91	Yes
M (B)	Apt 29	Bedroom 1	1.0	2.71	Yes
M (B)	Apt 30	Kitchen/Living	2.0	2.74	Yes
M (B)	Apt 30	Bedroom 1	1.0	3.54	Yes
M (B)	Apt 31	Kitchen/Living	2.0	4.58	Yes
M (B)	Apt 31	Bedroom 1	1.0	2.89	Yes
M (B)	Apt 31	Bedroom 2	1.0	5.36	Yes
M (B)	Apt 32	Kitchen/Living	2.0	2.79	Yes
M (B)	Apt 32	Bedroom 1	1.0	4.66	Yes
M (B)	Apt 32	Bedroom 2	1.0	5.07	Yes
M (B)	Apt 33	Kitchen/Living	2.0	2.81	Yes
M (B)	Apt 33	Bedroom 1	1.0	5.26	Yes
M (B)	Apt 34	Kitchen/Living	2.0	2.78	Yes
M (B)	Apt 34	Bedroom 1	1.0	5.26	Yes
M (B)	Apt 35	Kitchen/Living	2.0	4.35	Yes

M (B)	Apt 35	Bedroom 1	1.0	5.19	Yes
M (B)	Apt 35	Bedroom 2	1.0	5.76	Yes
M (B)	Apt 36	Kitchen/Living	2.0	4.50	Yes
M (B)	Apt 36	Bedroom 1	1.0	4.69	Yes
M (B)	Apt 36	Bedroom 2	1.0	5.11	Yes
M (B)	Apt 37	Kitchen/Living	2.0	2.82	Yes
M (B)	Apt 37	Bedroom 1	1.0	4.71	Yes
M (B)	Apt 37	Bedroom 2	1.0	5.10	Yes
M (B)	Apt 38	Kitchen/Living	2.0	2.84	Yes
M (B)	Apt 38	Bedroom 1	1.0	5.30	Yes
M (B)	Apt 39	Kitchen/Living	2.0	2.80	Yes
M (B)	Apt 39	Bedroom 1	1.0	5.29	Yes
M (B)	Apt 40	Kitchen/Living	2.0	4.43	Yes
M (B)	Apt 40	Bedroom 1	1.0	5.23	Yes
M (B)	Apt 40	Bedroom 2	1.0	5.81	Yes
M (B)	Apt 41	Kitchen/Living	2.0	4.69	Yes
M (B)	Apt 41	Bedroom 1	1.0	4.73	Yes
M (B)	Apt 41	Bedroom 2	1.0	5.15	Yes
M (B)	Apt 42	Kitchen/Living	2.0	2.83	Yes
M (B)	Apt 42	Bedroom 1	1.0	4.71	Yes
M (B)	Apt 42	Bedroom 2	1.0	5.13	Yes
M (B)	Apt 43	Kitchen/Living	2.0	2.85	Yes
M (B)	Apt 43	Bedroom 1	1.0	5.33	Yes
M (B)	Apt 44	Kitchen/Living	2.0	2.81	Yes
M (B)	Apt 44	Bedroom 1	1.0	5.32	Yes
M (B)	Apt 45	Kitchen/Living	2.0	4.51	Yes
M (B)	Apt 45	Bedroom 1	1.0	5.25	Yes
M (B)	Apt 45	Bedroom 2	1.0	5.82	Yes
M (B)	Apt 46	Kitchen/Living	2.0	4.88	Yes
M (B)	Apt 46	Bedroom 1	1.0	4.75	Yes
M (B)	Apt 46	Bedroom 2	1.0	5.19	Yes
M (B)	Apt 47	Kitchen/Living	2.0	2.83	Yes
M (B)	Apt 47	Bedroom 1	1.0	4.74	Yes
M (B)	Apt 47	Bedroom 2	1.0	5.15	Yes
M (B)	Apt 48	Kitchen/Living	2.0	2.85	Yes
M (B)	Apt 48	Bedroom 1	1.0	5.35	Yes
M (B)	Apt 49	Kitchen/Living	2.0	2.82	Yes
M (B)	Apt 49	Bedroom 1	1.0	5.34	Yes
M (B)	Apt 50	Kitchen/Living	2.0	4.56	Yes
M (B)	Apt 50	Bedroom 1	1.0	5.27	Yes
M (B)	Apt 50	Bedroom 2	1.0	5.85	Yes
M (B)	Apt 51	Kitchen/Living	2.0	5.03	Yes
M (B)	Apt 51	Bedroom 1	1.0	4.76	Yes

M (B)	Apt 51	Bedroom 2	1.0	5.20	Yes
M (B)	Apt 52	Kitchen/Living	2.0	4.96	Yes
M (B)	Apt 52	Bedroom 1	1.0	4.51	Yes
M (B)	Apt 52	Bedroom 2	1.0	4.92	Yes
M (B)	Apt 53	Kitchen/Living	2.0	4.86	Yes
M (B)	Apt 53	Bedroom 1	1.0	6.18	Yes
M (B)	Apt 54	Kitchen/Living	2.0	4.78	Yes
M (B)	Apt 54	Bedroom 1	1.0	6.19	Yes
M (B)	Apt 55	Kitchen/Living	2.0	6.54	Yes
M (B)	Apt 55	Bedroom 1	1.0	5.00	Yes
M (B)	Apt 55	Bedroom 2	1.0	5.55	Yes
M (B)	Apt 56	Kitchen/Living	2.0	6.71	Yes
M (B)	Apt 56	Bedroom 1	1.0	4.55	Yes
M (B)	Apt 56	Bedroom 2	1.0	4.93	Yes

Table 10 – Apartment Block M ADF Results

Apartment Block N ADF Results					
Block	Unit	Type	ADF Required (%)	ADF Results (%)	BRE Compliance
N (A)	Apt 1	Kitchen/Living	2.0	2.22	Yes
N (A)	Apt 1	Bedroom 1	1.0	4.87	Yes
N (A)	Apt 1	Bedroom 2	1.0	6.51	Yes
N (A)	Apt 2	Kitchen/Living	2.0	2.05	Yes
N (A)	Apt 2	Bedroom 1	1.0	4.77	Yes
N (A)	Apt 2	Bedroom 2	1.0	5.50	Yes
N (A)	Apt 3	Kitchen/Living	2.0	3.15	Yes
N (A)	Apt 3	Bedroom 1	1.0	2.44	Yes
N (A)	Apt 4	Kitchen/Living	2.0	6.10	Yes
N (A)	Apt 4	Bedroom 1	1.0	5.48	Yes
N (A)	Apt 4	Bedroom 2	1.0	5.96	Yes
N (A)	Apt 4	Bedroom 3	1.0	5.21	Yes
N (A)	Apt 5	Kitchen/Living	2.0	2.35	Yes
N (A)	Apt 5	Bedroom 1	1.0	6.52	Yes
N (A)	Apt 5	Bedroom 2	1.0	6.50	Yes
N (A)	Apt 6	Kitchen/Living	2.0	2.13	Yes
N (A)	Apt 6	Bedroom 1	1.0	1.78	Yes
N (A)	Apt 7	Kitchen/Living	2.0	2.15	Yes
N (A)	Apt 7	Bedroom 1	1.0	4.77	Yes
N (A)	Apt 7	Bedroom 2	1.0	5.45	Yes
N (A)	Apt 8	Kitchen/Living	2.0	3.07	Yes

N (A)	Apt 8	Bedroom 1	1.0	2.07	Yes
N (A)	Apt 9	Kitchen/Living	2.0	5.74	Yes
N (A)	Apt 9	Bedroom 1	1.0	5.52	Yes
N (A)	Apt 9	Bedroom 2	1.0	5.97	Yes
N (A)	Apt 9	Bedroom 3	1.0	5.62	Yes
N (A)	Apt 10	Kitchen/Living	2.0	2.47	Yes
N (A)	Apt 10	Bedroom 1	1.0	6.54	Yes
N (A)	Apt 10	Bedroom 2	1.0	6.51	Yes
N (A)	Apt 11	Kitchen/Living	2.0	2.28	Yes
N (A)	Apt 11	Bedroom 1	1.0	1.80	Yes
N (A)	Apt 12	Kitchen/Living	2.0	2.27	Yes
N (A)	Apt 12	Bedroom 1	1.0	4.76	Yes
N (A)	Apt 12	Bedroom 2	1.0	5.46	Yes
N (A)	Apt 13	Kitchen/Living	2.0	3.06	Yes
N (A)	Apt 13	Bedroom 1	1.0	2.16	Yes
N (A)	Apt 14	Kitchen/Living	2.0	5.75	Yes
N (A)	Apt 14	Bedroom 1	1.0	5.52	Yes
N (A)	Apt 14	Bedroom 2	1.0	5.96	Yes
N (A)	Apt 14	Bedroom 3	1.0	5.66	Yes
N (A)	Apt 15	Kitchen/Living	2.0	2.63	Yes
N (A)	Apt 15	Bedroom 1	1.0	6.54	Yes
N (A)	Apt 15	Bedroom 2	1.0	6.51	Yes
N (A)	Apt 16	Kitchen/Living	2.0	2.43	Yes
N (A)	Apt 16	Bedroom 1	1.0	1.84	Yes
N (A)	Apt 17	Kitchen/Living	2.0	2.42	Yes
N (A)	Apt 17	Bedroom 1	1.0	4.76	Yes
N (A)	Apt 17	Bedroom 2	1.0	5.45	Yes
N (A)	Apt 18	Kitchen/Living	2.0	3.07	Yes
N (A)	Apt 18	Bedroom 1	1.0	2.07	Yes
N (A)	Apt 19	Kitchen/Living	2.0	5.75	Yes
N (A)	Apt 19	Bedroom 1	1.0	5.52	Yes
N (A)	Apt 19	Bedroom 2	1.0	5.96	Yes
N (A)	Apt 19	Bedroom 2	1.0	5.67	Yes
N (A)	Apt 20	Kitchen/Living	2.0	3.79	Yes
N (A)	Apt 20	Bedroom 1	1.0	6.06	Yes
N (A)	Apt 20	Bedroom 2	1.0	6.03	Yes
N (A)	Apt 21	Kitchen/Living	2.0	2.78	Yes
N (A)	Apt 21	Bedroom 1	1.0	4.66	Yes
N (A)	Apt 22	Kitchen/Living	2.0	2.61	Yes
N (A)	Apt 22	Bedroom 1	1.0	4.39	Yes
N (A)	Apt 22	Bedroom 1	1.0	5.03	Yes
N (A)	Apt 23	Kitchen/Living	2.0	3.37	Yes
N (A)	Apt 23	Bedroom 1	1.0	4.30	Yes

N (B)	Apt 24	Kitchen/Living	2.0	7.85	Yes
N (B)	Apt 24	Bedroom 1	1.0	5.11	Yes
N (B)	Apt 24	Bedroom 2	1.0	5.53	Yes
N (B)	Apt 24	Bedroom 3	1.0	5.26	Yes
N (B)	Apt 25	Kitchen/Living	2.0	2.07	Yes
N (B)	Apt 25	Bedroom 1	1.0	4.56	Yes
N (B)	Apt 25	Bedroom 2	1.0	5.97	Yes
N (B)	Apt 26	Kitchen/Living	2.0	5.89	Yes
N (B)	Apt 26	Bedroom 1	1.0	5.51	Yes
N (B)	Apt 26	Bedroom 2	1.0	5.91	Yes
N (B)	Apt 27	Kitchen/Living	2.0	7.26	Yes
N (B)	Apt 27	Bedroom 1	1.0	5.41	Yes
N (B)	Apt 27	Bedroom 2	1.0	6.51	Yes
N (B)	Apt 28	Kitchen/Living	2.0	4.35	Yes
N (B)	Apt 28	Bedroom 1	1.0	2.29	Yes
N (B)	Apt 29	Kitchen/Living	2.0	3.01	Yes
N (B)	Apt 29	Bedroom 1	1.0	2.07	Yes
N (B)	Apt 30	Kitchen/Living	2.0	2.17	Yes
N (B)	Apt 30	Bedroom 1	1.0	4.55	Yes
N (B)	Apt 30	Bedroom 2	1.0	5.96	Yes
N (B)	Apt 31	Kitchen/Living	2.0	2.45	Yes
N (B)	Apt 31	Bedroom 1	1.0	5.42	Yes
N (B)	Apt 32	Kitchen/Living	2.0	2.17	Yes
N (B)	Apt 32	Bedroom 1	1.0	5.42	Yes
N (B)	Apt 33	Kitchen/Living	2.0	5.73	Yes
N (B)	Apt 33	Bedroom 1	1.0	5.61	Yes
N (B)	Apt 33	Bedroom 2	1.0	5.93	Yes
N (B)	Apt 34	Kitchen/Living	2.0	7.83	Yes
N (B)	Apt 34	Bedroom 1	1.0	5.40	Yes
N (B)	Apt 34	Bedroom 2	1.0	6.49	Yes
N (B)	Apt 35	Kitchen/Living	2.0	4.24	Yes
N (B)	Apt 35	Bedroom 1	1.0	1.94	Yes
N (B)	Apt 36	Kitchen/Living	2.0	3.01	Yes
N (B)	Apt 36	Bedroom 1	1.0	2.08	Yes
N (B)	Apt 37	Kitchen/Living	2.0	2.26	Yes
N (B)	Apt 37	Bedroom 1	1.0	4.55	Yes
N (B)	Apt 37	Bedroom 2	1.0	5.97	Yes
N (B)	Apt 38	Kitchen/Living	2.0	2.50	Yes
N (B)	Apt 38	Bedroom 1	1.0	5.56	Yes
N (B)	Apt 39	Kitchen/Living	2.0	2.19	Yes
N (B)	Apt 39	Bedroom 1	1.0	5.50	Yes
N (B)	Apt 40	Kitchen/Living	2.0	5.75	Yes
N (B)	Apt 40	Bedroom 1	1.0	5.64	Yes

N (B)	Apt 40	Bedroom 2	1.0	5.94	Yes
N (B)	Apt 41	Kitchen/Living	2.0	7.85	Yes
N (B)	Apt 41	Bedroom 1	1.0	5.42	Yes
N (B)	Apt 41	Bedroom 2	1.0	6.49	Yes
N (B)	Apt 42	Kitchen/Living	2.0	4.24	Yes
N (B)	Apt 42	Bedroom 1	1.0	1.94	Yes
N (B)	Apt 43	Kitchen/Living	2.0	3.01	Yes
N (B)	Apt 43	Bedroom 1	1.0	2.07	Yes
N (B)	Apt 44	Kitchen/Living	2.0	2.39	Yes
N (B)	Apt 44	Bedroom 1	1.0	4.56	Yes
N (B)	Apt 44	Bedroom 2	1.0	5.97	Yes
N (B)	Apt 45	Kitchen/Living	2.0	2.55	Yes
N (B)	Apt 45	Bedroom 1	1.0	5.62	Yes
N (B)	Apt 46	Kitchen/Living	2.0	2.21	Yes
N (B)	Apt 46	Bedroom 1	1.0	5.57	Yes
N (B)	Apt 47	Kitchen/Living	2.0	5.76	Yes
N (B)	Apt 47	Bedroom 1	1.0	5.66	Yes
N (B)	Apt 47	Bedroom 2	1.0	6.00	Yes
N (B)	Apt 48	Kitchen/Living	2.0	7.85	Yes
N (B)	Apt 48	Bedroom 1	1.0	5.41	Yes
N (B)	Apt 48	Bedroom 2	1.0	6.49	Yes
N (B)	Apt 49	Kitchen/Living	2.0	4.23	Yes
N (B)	Apt 49	Bedroom 1	1.0	1.95	Yes
N (B)	Apt 50	Kitchen/Living	2.0	3.17	Yes
N (B)	Apt 50	Bedroom 1	1.0	4.32	Yes
N (B)	Apt 51	Kitchen/Living	2.0	2.72	Yes
N (B)	Apt 51	Bedroom 1	1.0	4.20	Yes
N (B)	Apt 51	Bedroom 2	1.0	5.53	Yes
N (B)	Apt 52	Kitchen/Living	2.0	4.03	Yes
N (B)	Apt 52	Bedroom 1	1.0	5.24	Yes
N (B)	Apt 53	Kitchen/Living	2.0	3.82	Yes
N (B)	Apt 53	Bedroom 1	1.0	5.22	Yes
N (B)	Apt 54	Kitchen/Living	2.0	7.53	Yes
N (B)	Apt 54	Bedroom 1	1.0	5.25	Yes
N (B)	Apt 54	Bedroom 2	1.0	5.65	Yes
N (B)	Apt 55	Kitchen/Living	2.0	10.03	Yes
N (B)	Apt 55	Bedroom 1	1.0	5.00	Yes
N (B)	Apt 55	Bedroom 2	1.0	6.00	Yes
N (B)	Apt 56	Kitchen/Living	2.0	4.49	Yes
N (B)	Apt 56	Bedroom 1	1.0	4.00	Yes

Table 11 - Apartment Block N ADF Results

Apartment Block P ADF Results					
Block	Unit	Type	ADF Required (%)	ADF Results (%)	BRE Compliance
P (A)	Apt 1	Kitchen/Living	2.0	2.81	Yes
P (A)	Apt 1	Bedroom 1	1.0	4.17	Yes
P (A)	Apt 1	Bedroom 2	1.0	2.44	Yes
P (A)	Apt 2	Kitchen/Living	2.0	4.22	Yes
P (A)	Apt 2	Bedroom 1	1.0	3.89	Yes
P (A)	Apt 2	Bedroom 2	1.0	2.53	Yes
P (A)	Apt 3	Kitchen/Living	2.0	2.54	Yes
P (A)	Apt 3	Bedroom 1	1.0	5.16	Yes
P (A)	Apt 4	Kitchen/Living	2.0	2.81	Yes
P (A)	Apt 4	Bedroom 1	1.0	5.02	Yes
P (A)	Apt 4	Bedroom 2	1.0	2.74	Yes
P (A)	Apt 5	Kitchen/Living	2.0	3.03	Yes
P (A)	Apt 5	Bedroom 1	1.0	4.68	Yes
P (A)	Apt 5	Bedroom 2	1.0	2.58	Yes
P (A)	Apt 6	Kitchen/Living	2.0	2.20	Yes
P (A)	Apt 6	Bedroom 1	1.0	2.40	Yes
P (A)	Apt 7	Kitchen/Living	2.0	4.23	Yes
P (A)	Apt 7	Bedroom 1	1.0	4.79	Yes
P (A)	Apt 7	Bedroom 2	1.0	2.67	Yes
P (A)	Apt 8	Kitchen/Living	2.0	4.24	Yes
P (A)	Apt 8	Bedroom 1	1.0	5.04	Yes
P (A)	Apt 8	Bedroom 2	1.0	2.79	Yes
P (A)	Apt 9	Kitchen/Living	2.0	3.21	Yes
P (A)	Apt 9	Bedroom 1	1.0	5.09	Yes
P (A)	Apt 9	Bedroom 2	1.0	2.77	Yes
P (A)	Apt 10	Kitchen/Living	2.0	3.27	Yes
P (A)	Apt 10	Bedroom 1	1.0	4.74	Yes
P (A)	Apt 10	Bedroom 2	1.0	2.60	Yes
P (A)	Apt 11	Kitchen/Living	2.0	2.45	Yes
P (A)	Apt 11	Bedroom 1	1.0	2.43	Yes
P (A)	Apt 12	Kitchen/Living	2.0	4.25	Yes
P (A)	Apt 12	Bedroom 1	1.0	4.82	Yes
P (A)	Apt 12	Bedroom 2	1.0	2.68	Yes
P (A)	Apt 13	Kitchen/Living	2.0	4.27	Yes

P (A)	Apt 13	Bedroom 1	1.0	5.09	Yes
P (A)	Apt 13	Bedroom 2	1.0	2.81	Yes
P (A)	Apt 14	Kitchen/Living	2.0	3.70	Yes
P (A)	Apt 14	Bedroom 1	1.0	5.11	Yes
P (A)	Apt 14	Bedroom 2	1.0	2.79	Yes
P (A)	Apt 15	Kitchen/Living	2.0	3.59	Yes
P (A)	Apt 15	Bedroom 1	1.0	4.75	Yes
P (A)	Apt 15	Bedroom 2	1.0	2.63	Yes
P (A)	Apt 16	Kitchen/Living	2.0	2.72	Yes
P (A)	Apt 16	Bedroom 1	1.0	2.43	Yes
P (A)	Apt 17	Kitchen/Living	2.0	4.26	Yes
P (A)	Apt 17	Bedroom 1	1.0	4.83	Yes
P (A)	Apt 17	Bedroom 2	1.0	2.69	Yes
P (A)	Apt 18	Kitchen/Living	2.0	4.28	Yes
P (A)	Apt 18	Bedroom 1	1.0	5.12	Yes
P (A)	Apt 18	Bedroom 2	1.0	2.83	Yes
P (A)	Apt 19	Kitchen/Living	2.0	4.83	Yes
P (A)	Apt 19	Bedroom 1	1.0	4.78	Yes
P (A)	Apt 19	Bedroom 2	1.0	2.60	Yes
P (A)	Apt 20	Kitchen/Living	2.0	5.41	Yes
P (A)	Apt 20	Bedroom 1	1.0	4.41	Yes
P (A)	Apt 20	Bedroom 2	1.0	2.43	Yes
P (A)	Apt 21	Kitchen/Living	2.0	3.03	Yes
P (A)	Apt 21	Bedroom 1	1.0	3.83	Yes
P (A)	Apt 22	Kitchen/Living	2.0	5.63	Yes
P (A)	Apt 22	Bedroom 1	1.0	4.51	Yes
P (A)	Apt 22	Bedroom 2	1.0	2.51	Yes
P (A)	Apt 23	Kitchen/Living	2.0	5.50	Yes
P (A)	Apt 23	Bedroom 1	1.0	4.79	Yes
P (A)	Apt 23	Bedroom 2	1.0	2.64	Yes

Table 12 - Apartment Block P ADF Results

Apartment Duplex 1.1 ADF Results					
Block	Unit	Type	ADF Required (%)	ADF Results (%)	BRE Compliance
Duplex 1.1	Apt 1	Kitchen/Living	2.0	6.41	Yes
Duplex 1.1	Apt 1	Bedroom 1	1.0	4.41	Yes

Duplex 1.1	Apt 1	Bedroom 2	1.0	2.41	Yes
Duplex 1.1	Apt 1	Bedroom 3	1.0	3.51	Yes
Duplex 1.1	Apt 2	Kitchen/Living	2.0	3.71	Yes
Duplex 1.1	Apt 2	Bedroom 1	1.0	4.93	Yes
Duplex 1.1	Apt 2	Bedroom 2	1.0	2.38	Yes
Duplex 1.1	Apt 2	Bedroom 3	1.0	3.34	Yes
Duplex 1.1	Apt 3	Kitchen/Living	2.0	6.13	Yes
Duplex 1.1	Apt 3	Bedroom 1	1.0	3.85	Yes
Duplex 1.1	Apt 3	Bedroom 2	1.0	3.05	Yes
Duplex 1.1	Apt 3	Bedroom 3	1.0	4.63	Yes
Duplex 1.1	Apt 4	Kitchen/Living	2.0	6.25	Yes
Duplex 1.1	Apt 4	Bedroom 1	1.0	3.95	Yes
Duplex 1.1	Apt 4	Bedroom 2	1.0	2.99	Yes
Duplex 1.1	Apt 4	Bedroom 3	1.0	4.85	Yes
Duplex 1.1	Apt 5	Kitchen/Living	2.0	3.57	Yes
Duplex 1.1	Apt 5	Bedroom 1	1.0	4.40	Yes
Duplex 1.1	Apt 5	Bedroom 2	1.0	4.55	Yes
Duplex 1.1	Apt 5	Bedroom 3	1.0	3.42	Yes
Duplex 1.1	Apt 6	Kitchen/Living	2.0	20.76	Yes
Duplex 1.1	Apt 6	Bedroom 1	1.0	4.40	Yes
Duplex 1.1	Apt 6	Bedroom 2	1.0	2.39	Yes
Duplex 1.1	Apt 6	Bedroom 3	1.0	3.42	Yes
Duplex 1.1	Apt 7	Kitchen/Living	2.0	4.09	Yes
Duplex 1.1	Apt 7	Bedroom 1	1.0	5.80	Yes
Duplex 1.1	Apt 8	Kitchen/Living	2.0	5.07	Yes
Duplex 1.1	Apt 8	Bedroom 1	1.0	4.59	Yes
Duplex 1.1	Apt 8	Bedroom 2	1.0	5.58	Yes
Duplex 1.1	Apt 9	Kitchen/Living	2.0	3.15	Yes
Duplex 1.1	Apt 9	Bedroom 1	1.0	4.69	Yes
Duplex 1.1	Apt 9	Bedroom 2	1.0	5.26	Yes
Duplex 1.1	Apt 10	Kitchen/Living	2.0	3.13	Yes
Duplex 1.1	Apt 10	Bedroom 1	1.0	4.81	Yes
Duplex 1.1	Apt 10	Bedroom 2	1.0	6.51	Yes
Duplex 1.1	Apt 11	Kitchen/Living	2.0	4.04	Yes
Duplex 1.1	Apt 11	Bedroom 1	1.0	4.48	Yes
Duplex 1.1	Apt 11	Bedroom 2	1.0	5.42	Yes
Duplex 1.1	Apt 12	Kitchen/Living	2.0	5.37	Yes
Duplex 1.1	Apt 12	Bedroom 1	1.0	5.79	Yes
Duplex 1.1	Apt 13	Kitchen/Living	2.0	8.81	Yes
Duplex 1.1	Apt 13	Bedroom 1	1.0	5.77	Yes
Duplex 1.1	Apt 14	Kitchen/Living	2.0	7.54	Yes
Duplex 1.1	Apt 14	Bedroom 1	1.0	4.78	Yes
Duplex 1.1	Apt 14	Bedroom 2	1.0	5.66	Yes

Duplex 1.1	Apt 15	Kitchen/Living	2.0	5.81	Yes
Duplex 1.1	Apt 15	Bedroom 1	1.0	4.73	Yes
Duplex 1.1	Apt 15	Bedroom 2	1.0	5.30	Yes
Duplex 1.1	Apt 16	Kitchen/Living	2.0	5.76	Yes
Duplex 1.1	Apt 16	Bedroom 1	1.0	4.87	Yes
Duplex 1.1	Apt 16	Bedroom 2	1.0	5.25	Yes
Duplex 1.1	Apt 17	Kitchen/Living	2.0	7.08	Yes
Duplex 1.1	Apt 17	Bedroom 1	1.0	4.70	Yes
Duplex 1.1	Apt 17	Bedroom 2	1.0	5.58	Yes
Duplex 1.1	Apt 18	Kitchen/Living	2.0	8.69	Yes
Duplex 1.1	Apt 18	Bedroom 1	1.0	5.77	Yes

Table 13 – Duplex Block 1.1 ADF Results

Apartment Duplex 1.2 ADF Results					
Block	Unit	Type	ADF Required (%)	ADF Results (%)	BRE Compliance
Duplex 1.2	Apt 1	Kitchen/Living	2.0	21.24	Yes
Duplex 1.2	Apt 1	Bedroom 1	1.0	4.40	Yes
Duplex 1.2	Apt 1	Bedroom 2	1.0	2.41	Yes
Duplex 1.2	Apt 1	Bedroom 3	1.0	3.52	Yes
Duplex 1.2	Apt 2	Kitchen/Living	2.0	3.71	Yes
Duplex 1.2	Apt 2	Bedroom 1	1.0	4.39	Yes
Duplex 1.2	Apt 2	Bedroom 2	1.0	2.39	Yes
Duplex 1.2	Apt 2	Bedroom 3	1.0	3.34	Yes
Duplex 1.2	Apt 3	Kitchen/Living	2.0	6.12	Yes
Duplex 1.2	Apt 3	Bedroom 1	1.0	3.87	Yes
Duplex 1.2	Apt 3	Bedroom 2	1.0	3.31	Yes
Duplex 1.2	Apt 3	Bedroom 3	1.0	5.04	Yes
Duplex 1.2	Apt 4	Kitchen/Living	2.0	6.25	Yes
Duplex 1.2	Apt 4	Bedroom 1	1.0	3.95	Yes
Duplex 1.2	Apt 4	Bedroom 2	1.0	2.97	Yes
Duplex 1.2	Apt 4	Bedroom 3	1.0	4.49	Yes
Duplex 1.2	Apt 5	Kitchen/Living	2.0	5.24	Yes
Duplex 1.2	Apt 5	Bedroom 1	1.0	4.40	Yes
Duplex 1.2	Apt 5	Bedroom 2	1.0	2.41	Yes
Duplex 1.2	Apt 5	Bedroom 3	1.0	3.43	Yes
Duplex 1.2	Apt 6	Kitchen/Living	2.0	6.21	Yes
Duplex 1.2	Apt 6	Bedroom 1	1.0	4.40	Yes
Duplex 1.2	Apt 6	Bedroom 2	1.0	2.38	Yes
Duplex 1.2	Apt 6	Bedroom 3	1.0	3.43	Yes
Duplex 1.2	Apt 7	Kitchen/Living	2.0	5.42	Yes

Duplex 1.2	Apt 7	Bedroom 1	1.0	5.79	Yes
Duplex 1.2	Apt 8	Kitchen/Living	2.0	4.05	Yes
Duplex 1.2	Apt 8	Bedroom 1	1.0	4.53	Yes
Duplex 1.2	Apt 8	Bedroom 2	1.0	5.48	Yes
Duplex 1.2	Apt 9	Kitchen/Living	2.0	3.14	Yes
Duplex 1.2	Apt 9	Bedroom 1	1.0	5.63	Yes
Duplex 1.2	Apt 9	Bedroom 2	1.0	6.55	Yes
Duplex 1.2	Apt 10	Kitchen/Living	2.0	3.13	Yes
Duplex 1.2	Apt 10	Bedroom 1	1.0	4.82	Yes
Duplex 1.2	Apt 10	Bedroom 2	1.0	5.21	Yes
Duplex 1.2	Apt 11	Kitchen/Living	2.0	5.02	Yes
Duplex 1.2	Apt 11	Bedroom 1	1.0	4.54	Yes
Duplex 1.2	Apt 11	Bedroom 2	1.0	5.51	Yes
Duplex 1.2	Apt 12	Kitchen/Living	2.0	5.37	Yes
Duplex 1.2	Apt 12	Bedroom 1	1.0	5.79	Yes
Duplex 1.2	Apt 13	Kitchen/Living	2.0	8.77	Yes
Duplex 1.2	Apt 13	Bedroom 1	1.0	5.77	Yes
Duplex 1.2	Apt 14	Kitchen/Living	2.0	7.07	Yes
Duplex 1.2	Apt 14	Bedroom 1	1.0	4.76	Yes
Duplex 1.2	Apt 14	Bedroom 2	1.0	5.64	Yes
Duplex 1.2	Apt 15	Kitchen/Living	2.0	5.80	Yes
Duplex 1.2	Apt 15	Bedroom 1	1.0	4.73	Yes
Duplex 1.2	Apt 15	Bedroom 2	1.0	5.31	Yes
Duplex 1.2	Apt 16	Kitchen/Living	2.0	5.78	Yes
Duplex 1.2	Apt 16	Bedroom 1	1.0	4.85	Yes
Duplex 1.2	Apt 16	Bedroom 2	1.0	5.26	Yes
Duplex 1.2	Apt 17	Kitchen/Living	2.0	7.54	Yes
Duplex 1.2	Apt 17	Bedroom 1	1.0	4.71	Yes
Duplex 1.2	Apt 17	Bedroom 2	1.0	5.59	Yes
Duplex 1.2	Apt 18	Kitchen/Living	2.0	8.71	Yes
Duplex 1.2	Apt 18	Bedroom 1	1.0	5.76	Yes

Table 14 – Duplex Block 1.2 ADF Results

Apartment Duplex 1.3 ADF Results					
Block	Unit	Type	ADF Required (%)	ADF Results (%)	BRE Compliance
Duplex 1.3	Apt 1	Kitchen/Living	2.0	6.45	Yes
Duplex 1.3	Apt 1	Bedroom 1	1.0	4.41	Yes
Duplex 1.3	Apt 1	Bedroom 2	1.0	2.39	Yes
Duplex 1.3	Apt 1	Bedroom 3	1.0	3.41	Yes

Duplex 1.3	Apt 2	Kitchen/Living	2.0	3.70	Yes
Duplex 1.3	Apt 2	Bedroom 1	1.0	4.41	Yes
Duplex 1.3	Apt 2	Bedroom 2	1.0	2.45	Yes
Duplex 1.3	Apt 2	Bedroom 3	1.0	3.42	Yes
Duplex 1.3	Apt 3	Kitchen/Living	2.0	6.15	Yes
Duplex 1.3	Apt 3	Bedroom 1	1.0	3.78	Yes
Duplex 1.3	Apt 3	Bedroom 2	1.0	3.10	Yes
Duplex 1.3	Apt 3	Bedroom 3	1.0	4.50	Yes
Duplex 1.3	Apt 4	Kitchen/Living	2.0	6.25	Yes
Duplex 1.3	Apt 4	Bedroom 1	1.0	4.00	Yes
Duplex 1.3	Apt 4	Bedroom 2	1.0	3.11	Yes
Duplex 1.3	Apt 4	Bedroom 3	1.0	4.96	Yes
Duplex 1.3	Apt 5	Kitchen/Living	2.0	3.55	Yes
Duplex 1.3	Apt 5	Bedroom 1	1.0	4.40	Yes
Duplex 1.3	Apt 5	Bedroom 2	1.0	2.39	Yes
Duplex 1.3	Apt 5	Bedroom 3	1.0	3.32	Yes
Duplex 1.3	Apt 6	Kitchen/Living	2.0	20.90	Yes
Duplex 1.3	Apt 6	Bedroom 1	1.0	4.42	Yes
Duplex 1.3	Apt 6	Bedroom 2	1.0	2.45	Yes
Duplex 1.3	Apt 6	Bedroom 3	1.0	3.53	Yes
Duplex 1.3	Apt 7	Kitchen/Living	2.0	5.36	Yes
Duplex 1.3	Apt 7	Bedroom 1	1.0	5.63	Yes
Duplex 1.3	Apt 8	Kitchen/Living	2.0	5.02	Yes
Duplex 1.3	Apt 8	Bedroom 1	1.0	4.70	Yes
Duplex 1.3	Apt 8	Bedroom 2	1.0	5.54	Yes
Duplex 1.3	Apt 9	Kitchen/Living	2.0	3.16	Yes
Duplex 1.3	Apt 9	Bedroom 1	1.0	4.74	Yes
Duplex 1.3	Apt 9	Bedroom 2	1.0	5.23	Yes
Duplex 1.3	Apt 10	Kitchen/Living	2.0	3.12	Yes
Duplex 1.3	Apt 10	Bedroom 1	1.0	4.72	Yes
Duplex 1.3	Apt 10	Bedroom 2	1.0	6.47	Yes
Duplex 1.3	Apt 11	Kitchen/Living	2.0	4.81	Yes
Duplex 1.3	Apt 11	Bedroom 1	1.0	4.58	Yes
Duplex 1.3	Apt 11	Bedroom 2	1.0	5.43	Yes
Duplex 1.3	Apt 12	Kitchen/Living	2.0	5.26	Yes
Duplex 1.3	Apt 12	Bedroom 1	1.0	5.70	Yes
Duplex 1.3	Apt 13	Kitchen/Living	2.0	8.64	Yes
Duplex 1.3	Apt 13	Bedroom 1	1.0	5.61	Yes
Duplex 1.3	Apt 14	Kitchen/Living	2.0	7.53	Yes
Duplex 1.3	Apt 14	Bedroom 1	1.0	4.88	Yes
Duplex 1.3	Apt 14	Bedroom 2	1.0	5.64	Yes
Duplex 1.3	Apt 15	Kitchen/Living	2.0	5.84	Yes
Duplex 1.3	Apt 15	Bedroom 1	1.0	4.78	Yes

Duplex 1.3	Apt 15	Bedroom 2	1.0	5.29	Yes
Duplex 1.3	Apt 16	Kitchen/Living	2.0	5.76	Yes
Duplex 1.3	Apt 16	Bedroom 1	1.0	4.76	Yes
Duplex 1.3	Apt 16	Bedroom 2	1.0	5.22	Yes
Duplex 1.3	Apt 17	Kitchen/Living	2.0	7.39	Yes
Duplex 1.3	Apt 17	Bedroom 1	1.0	4.81	Yes
Duplex 1.3	Apt 17	Bedroom 2	1.0	5.59	Yes
Duplex 1.3	Apt 18	Kitchen/Living	2.0	8.53	Yes
Duplex 1.3	Apt 18	Bedroom 1	1.0	5.66	Yes

Table 15 – Duplex Block 1.3 ADF Results

Apartment Duplex 1.4 ADF Results					
Block	Unit	Type	ADF Required (%)	ADF Results (%)	BRE Compliance
Duplex 1.4	Apt 1	Kitchen/Living	2.0	6.44	Yes
Duplex 1.4	Apt 1	Bedroom 1	1.0	4.40	Yes
Duplex 1.4	Apt 1	Bedroom 2	1.0	2.39	Yes
Duplex 1.4	Apt 1	Bedroom 3	1.0	3.40	Yes
Duplex 1.4	Apt 2	Kitchen/Living	2.0	3.70	Yes
Duplex 1.4	Apt 2	Bedroom 1	1.0	4.42	Yes
Duplex 1.4	Apt 2	Bedroom 2	1.0	2.45	Yes
Duplex 1.4	Apt 2	Bedroom 3	1.0	3.44	Yes
Duplex 1.4	Apt 3	Kitchen/Living	2.0	6.15	Yes
Duplex 1.4	Apt 3	Bedroom 1	1.0	3.79	Yes
Duplex 1.4	Apt 3	Bedroom 2	1.0	3.12	Yes
Duplex 1.4	Apt 3	Bedroom 3	1.0	4.87	Yes
Duplex 1.4	Apt 4	Kitchen/Living	2.0	6.24	Yes
Duplex 1.4	Apt 4	Bedroom 1	1.0	4.00	Yes
Duplex 1.4	Apt 4	Bedroom 2	1.0	3.11	Yes
Duplex 1.4	Apt 4	Bedroom 3	1.0	4.96	Yes
Duplex 1.4	Apt 5	Kitchen/Living	2.0	3.55	Yes
Duplex 1.4	Apt 5	Bedroom 1	1.0	4.41	Yes
Duplex 1.4	Apt 5	Bedroom 2	1.0	2.39	Yes
Duplex 1.4	Apt 5	Bedroom 3	1.0	3.32	Yes
Duplex 1.4	Apt 6	Kitchen/Living	2.0	6.24	Yes
Duplex 1.4	Apt 6	Bedroom 1	1.0	4.41	Yes
Duplex 1.4	Apt 6	Bedroom 2	1.0	2.45	Yes
Duplex 1.4	Apt 6	Bedroom 3	1.0	3.53	Yes
Duplex 1.4	Apt 7	Kitchen/Living	2.0	5.38	Yes

Duplex 1.4	Apt 7	Bedroom 1	1.0	5.63	Yes
Duplex 1.4	Apt 8	Kitchen/Living	2.0	4.90	Yes
Duplex 1.4	Apt 8	Bedroom 1	1.0	4.70	Yes
Duplex 1.4	Apt 8	Bedroom 2	1.0	5.55	Yes
Duplex 1.4	Apt 9	Kitchen/Living	2.0	3.16	Yes
Duplex 1.4	Apt 9	Bedroom 1	1.0	4.74	Yes
Duplex 1.4	Apt 9	Bedroom 2	1.0	6.52	Yes
Duplex 1.4	Apt 10	Kitchen/Living	2.0	3.12	Yes
Duplex 1.4	Apt 10	Bedroom 1	1.0	4.71	Yes
Duplex 1.4	Apt 10	Bedroom 2	1.0	6.47	Yes
Duplex 1.4	Apt 11	Kitchen/Living	2.0	4.00	Yes
Duplex 1.4	Apt 11	Bedroom 1	1.0	4.62	Yes
Duplex 1.4	Apt 11	Bedroom 2	1.0	5.52	Yes
Duplex 1.4	Apt 12	Kitchen/Living	2.0	5.24	Yes
Duplex 1.4	Apt 12	Bedroom 1	1.0	5.69	Yes
Duplex 1.4	Apt 13	Kitchen/Living	2.0	8.63	Yes
Duplex 1.4	Apt 13	Bedroom 1	1.0	5.61	Yes
Duplex 1.4	Apt 14	Kitchen/Living	2.0	7.47	Yes
Duplex 1.4	Apt 14	Bedroom 1	1.0	4.89	Yes
Duplex 1.4	Apt 14	Bedroom 2	1.0	5.64	Yes
Duplex 1.4	Apt 15	Kitchen/Living	2.0	5.84	Yes
Duplex 1.4	Apt 15	Bedroom 1	1.0	4.78	Yes
Duplex 1.4	Apt 15	Bedroom 2	1.0	5.28	Yes
Duplex 1.4	Apt 16	Kitchen/Living	2.0	5.76	Yes
Duplex 1.4	Apt 16	Bedroom 1	1.0	4.77	Yes
Duplex 1.4	Apt 16	Bedroom 2	1.0	5.23	Yes
Duplex 1.4	Apt 17	Kitchen/Living	2.0	7.02	Yes
Duplex 1.4	Apt 17	Bedroom 1	1.0	4.81	Yes
Duplex 1.4	Apt 17	Bedroom 2	1.0	5.60	Yes
Duplex 1.4	Apt 18	Kitchen/Living	2.0	8.52	Yes
Duplex 1.4	Apt 18	Bedroom 1	1.0	5.67	Yes

Table 16 - Duplex Block 1.4 ADF Results

Apartment Duplex 1.5 ADF Results					
Block	Unit	Type	ADF Required (%)	ADF Results (%)	BRE Compliance
Duplex 1.5	Apt 1	Kitchen/Living	2.0	6.44	Yes
Duplex 1.5	Apt 1	Bedroom 1	1.0	4.40	Yes
Duplex 1.5	Apt 1	Bedroom 2	1.0	2.39	Yes
Duplex 1.5	Apt 1	Bedroom 3	1.0	3.41	Yes
Duplex 1.5	Apt 2	Kitchen/Living	2.0	3.70	Yes

Duplex 1.5	Apt 2	Bedroom 1	1.0	4.41	Yes
Duplex 1.5	Apt 2	Bedroom 2	1.0	2.46	Yes
Duplex 1.5	Apt 2	Bedroom 3	1.0	3.45	Yes
Duplex 1.5	Apt 3	Kitchen/Living	2.0	6.15	Yes
Duplex 1.5	Apt 3	Bedroom 1	1.0	3.79	Yes
Duplex 1.5	Apt 3	Bedroom 2	1.0	3.10	Yes
Duplex 1.5	Apt 3	Bedroom 3	1.0	4.49	Yes
Duplex 1.5	Apt 4	Kitchen/Living	2.0	6.24	Yes
Duplex 1.5	Apt 4	Bedroom 1	1.0	3.99	Yes
Duplex 1.5	Apt 4	Bedroom 2	1.0	3.09	Yes
Duplex 1.5	Apt 4	Bedroom 3	1.0	4.57	Yes
Duplex 1.5	Apt 5	Kitchen/Living	2.0	3.55	Yes
Duplex 1.5	Apt 5	Bedroom 1	1.0	4.40	Yes
Duplex 1.5	Apt 5	Bedroom 2	1.0	2.39	Yes
Duplex 1.5	Apt 5	Bedroom 3	1.0	3.32	Yes
Duplex 1.5	Apt 6	Kitchen/Living	2.0	6.25	Yes
Duplex 1.5	Apt 6	Bedroom 1	1.0	4.41	Yes
Duplex 1.5	Apt 6	Bedroom 2	1.0	2.45	Yes
Duplex 1.5	Apt 6	Bedroom 3	1.0	3.52	Yes
Duplex 1.5	Apt 7	Kitchen/Living	2.0	5.35	Yes
Duplex 1.5	Apt 7	Bedroom 1	1.0	5.64	Yes
Duplex 1.5	Apt 8	Kitchen/Living	2.0	4.08	Yes
Duplex 1.5	Apt 8	Bedroom 1	1.0	4.71	Yes
Duplex 1.5	Apt 8	Bedroom 2	1.0	5.55	Yes
Duplex 1.5	Apt 9	Kitchen/Living	2.0	3.61	Yes
Duplex 1.5	Apt 9	Bedroom 1	1.0	4.73	Yes
Duplex 1.5	Apt 9	Bedroom 2	1.0	5.23	Yes
Duplex 1.5	Apt 10	Kitchen/Living	2.0	3.12	Yes
Duplex 1.5	Apt 10	Bedroom 1	1.0	4.72	Yes
Duplex 1.5	Apt 10	Bedroom 2	1.0	5.20	Yes
Duplex 1.5	Apt 11	Kitchen/Living	2.0	4.91	Yes
Duplex 1.5	Apt 11	Bedroom 1	1.0	4.64	Yes
Duplex 1.5	Apt 11	Bedroom 2	1.0	5.51	Yes
Duplex 1.5	Apt 12	Kitchen/Living	2.0	5.24	Yes
Duplex 1.5	Apt 12	Bedroom 1	1.0	5.69	Yes
Duplex 1.5	Apt 13	Kitchen/Living	2.0	8.63	Yes
Duplex 1.5	Apt 13	Bedroom 1	1.0	5.61	Yes
Duplex 1.5	Apt 14	Kitchen/Living	2.0	7.10	Yes
Duplex 1.5	Apt 14	Bedroom 1	1.0	4.89	Yes
Duplex 1.5	Apt 14	Bedroom 2	1.0	5.65	Yes
Duplex 1.5	Apt 15	Kitchen/Living	2.0	5.84	Yes
Duplex 1.5	Apt 15	Bedroom 1	1.0	4.78	Yes
Duplex 1.5	Apt 15	Bedroom 2	1.0	5.28	Yes

Duplex 1.5	Apt 16	Kitchen/Living	2.0	5.74	Yes
Duplex 1.5	Apt 16	Bedroom 1	1.0	4.76	Yes
Duplex 1.5	Apt 16	Bedroom 2	1.0	5.23	Yes
Duplex 1.5	Apt 17	Kitchen/Living	2.0	7.43	Yes
Duplex 1.5	Apt 17	Bedroom 1	1.0	4.81	Yes
Duplex 1.5	Apt 17	Bedroom 2	1.0	5.60	Yes
Duplex 1.5	Apt 18	Kitchen/Living	2.0	8.52	Yes
Duplex 1.5	Apt 18	Bedroom 1	1.0	5.66	Yes

Table 17 - Duplex Block 1.5 ADF Results

Apartment Duplex 2.1 ADF Results					
Block	Unit	Type	ADF Required (%)	ADF Results (%)	BRE Compliance
Duplex 2.1	Apt 1	Living Room	1.5	4.71	Yes
Duplex 2.1	Apt 1	Kitchen/Dining	2.0	10.18	Yes
Duplex 2.1	Apt 1	Bedroom 1	1.0	5.87	Yes
Duplex 2.1	Apt 1	Bedroom 2	1.0	8.58	Yes
Duplex 2.1	Apt 1	Bedroom 3	1.0	4.06	Yes
Duplex 2.1	Apt 2	Living Room	1.5	4.03	Yes
Duplex 2.1	Apt 2	Kitchen/Dining	2.0	8.41	Yes
Duplex 2.1	Apt 2	Bedroom 1	1.0	5.58	Yes
Duplex 2.1	Apt 2	Bedroom 2	1.0	7.55	Yes
Duplex 2.1	Apt 2	Bedroom 3	1.0	4.06	Yes
Duplex 2.1	Apt 3	Kitchen/Living	2.0	9.79	Yes
Duplex 2.1	Apt 3	Bedroom 1	1.0	8.33	Yes
Duplex 2.1	Apt 3	Bedroom 2	1.0	7.73	Yes
Duplex 2.1	Apt 3	Bedroom 3	1.0	2.88	Yes
Duplex 2.1	Apt 4	Kitchen/Living	2.0	8.06	Yes
Duplex 2.1	Apt 4	Bedroom 1	1.0	7.17	Yes
Duplex 2.1	Apt 4	Bedroom 2	1.0	7.88	Yes
Duplex 2.1	Apt 4	Bedroom 3	1.0	2.93	Yes
Duplex 2.1	Apt 5	Living Room	1.5	4.13	Yes
Duplex 2.1	Apt 5	Kitchen/Dining	2.0	8.34	Yes
Duplex 2.1	Apt 5	Bedroom 1	1.0	5.85	Yes
Duplex 2.1	Apt 5	Bedroom 2	1.0	7.68	Yes
Duplex 2.1	Apt 5	Bedroom 3	1.0	4.05	Yes
Duplex 2.1	Apt 6	Kitchen/Dining	2.0	10.50	Yes
Duplex 2.1	Apt 6	Living Room	1.5	4.75	Yes

Duplex 2.1	Apt 6	Bedroom 1	1.0	5.63	Yes
Duplex 2.1	Apt 6	Bedroom 2	1.0	8.42	Yes
Duplex 2.1	Apt 6	Bedroom 3	1.0	4.06	Yes
Duplex 2.1	Apt 7	Kitchen/Dining	2.0	8.01	Yes
Duplex 2.1	Apt 7	Bedroom 1	1.0	7.09	Yes
Duplex 2.1	Apt 7	Bedroom 2	1.0	7.66	Yes
Duplex 2.1	Apt 7	Bedroom 3	1.0	2.90	Yes
Duplex 2.1	Apt 8	Kitchen/Dining	2.0	9.76	Yes
Duplex 2.1	Apt 8	Bedroom 1	1.0	8.41	Yes
Duplex 2.1	Apt 8	Bedroom 2	1.0	7.82	Yes
Duplex 2.1	Apt 8	Bedroom 3	1.0	2.98	Yes

Table 18 - Duplex Block 2.1 ADF Results

Apartment Duplex 2.2 ADF Results					
Block	Unit	Type	ADF Required (%)	ADF Results (%)	BRE Compliance
Duplex 2.2	Apt 1	Living Room	1.5	3.33	Yes
Duplex 2.2	Apt 1	Kitchen/Dining	2.0	8.48	Yes
Duplex 2.2	Apt 1	Bedroom 1	1.0	4.95	Yes
Duplex 2.2	Apt 1	Bedroom 2	1.0	7.96	Yes
Duplex 2.2	Apt 1	Bedroom 3	1.0	4.19	Yes
Duplex 2.2	Apt 2	Living Room	1.5	3.43	Yes
Duplex 2.2	Apt 2	Kitchen/Dining	2.0	8.43	Yes
Duplex 2.2	Apt 2	Bedroom 1	1.0	4.92	Yes
Duplex 2.2	Apt 2	Bedroom 2	1.0	7.86	Yes
Duplex 2.2	Apt 2	Bedroom 3	1.0	4.14	Yes
Duplex 2.2	Apt 3	Kitchen/Living	2.0	7.57	Yes
Duplex 2.2	Apt 3	Bedroom 1	1.0	6.31	Yes
Duplex 2.2	Apt 3	Bedroom 2	1.0	7.14	Yes
Duplex 2.2	Apt 3	Bedroom 3	1.0	2.69	Yes
Duplex 2.2	Apt 4	Kitchen/Living	2.0	7.30	Yes
Duplex 2.2	Apt 4	Bedroom 1	1.0	6.30	Yes
Duplex 2.2	Apt 4	Bedroom 2	1.0	6.97	Yes
Duplex 2.2	Apt 4	Bedroom 3	1.0	2.81	Yes
Duplex 2.2	Apt 5	Living Room	1.5	3.40	Yes
Duplex 2.2	Apt 5	Kitchen/Dining	2.0	8.41	Yes
Duplex 2.2	Apt 5	Bedroom 1	1.0	5.17	Yes
Duplex 2.2	Apt 5	Bedroom 2	1.0	7.81	Yes
Duplex 2.2	Apt 5	Bedroom 3	1.0	4.20	Yes
Duplex 2.2	Apt 6	Kitchen/Dining	2.0	8.55	Yes
Duplex 2.2	Apt 6	Living Room	1.5	3.46	Yes

Duplex 2.2	Apt 6	Bedroom 1	1.0	4.93	Yes
Duplex 2.2	Apt 6	Bedroom 2	1.0	7.87	Yes
Duplex 2.2	Apt 6	Bedroom 3	1.0	4.15	Yes
Duplex 2.2	Apt 7	Kitchen/Living	2.0	7.43	Yes
Duplex 2.2	Apt 7	Bedroom 1	1.0	6.30	Yes
Duplex 2.2	Apt 7	Bedroom 2	1.0	7.07	Yes
Duplex 2.2	Apt 7	Bedroom 3	1.0	2.63	Yes
Duplex 2.2	Apt 8	Kitchen/Dining	2.0	7.37	Yes
Duplex 2.2	Apt 8	Bedroom 1	1.0	6.29	Yes
Duplex 2.2	Apt 8	Bedroom 2	1.0	6.97	Yes
Duplex 2.2	Apt 8	Bedroom 3	1.0	2.87	Yes
Duplex 2.2	Apt 9	Kitchen/Dining	2.0	8.54	Yes
Duplex 2.2	Apt 9	Living Room	1.5	3.36	Yes
Duplex 2.2	Apt 9	Bedroom 1	1.0	4.93	Yes
Duplex 2.2	Apt 9	Bedroom 2	1.0	7.84	Yes
Duplex 2.2	Apt 9	Bedroom 3	1.0	4.19	Yes
Duplex 2.2	Apt 10	Kitchen/Dining	2.0	3.52	Yes
Duplex 2.2	Apt 10	Living Room	1.5	8.55	Yes
Duplex 2.2	Apt 10	Bedroom 1	1.0	4.97	Yes
Duplex 2.2	Apt 10	Bedroom 2	1.0	7.86	Yes
Duplex 2.2	Apt 10	Bedroom 3	1.0	4.13	Yes
Duplex 2.2	Apt 11	Kitchen/Living	2.0	7.50	Yes
Duplex 2.2	Apt 11	Bedroom 1	1.0	6.29	Yes
Duplex 2.2	Apt 11	Bedroom 2	1.0	7.08	Yes
Duplex 2.2	Apt 11	Bedroom 3	1.0	2.68	Yes
Duplex 2.2	Apt 12	Kitchen/Living	2.0	7.32	Yes
Duplex 2.2	Apt 12	Bedroom 1	1.0	6.30	Yes
Duplex 2.2	Apt 12	Bedroom 2	1.0	7.02	Yes
Duplex 2.2	Apt 12	Bedroom 3	1.0	2.84	Yes
Duplex 2.2	Apt 13	Kitchen/Dining	2.0	3.50	Yes
Duplex 2.2	Apt 13	Living Room	1.5	8.41	Yes
Duplex 2.2	Apt 13	Bedroom 1	1.0	5.01	Yes
Duplex 2.2	Apt 13	Bedroom 2	1.0	7.83	Yes
Duplex 2.2	Apt 13	Bedroom 3	1.0	4.19	Yes
Duplex 2.2	Apt 14	Kitchen/Dining	2.0	10.78	Yes
Duplex 2.2	Apt 14	Living Room	1.5	4.61	Yes
Duplex 2.2	Apt 14	Bedroom 1	1.0	5.12	Yes
Duplex 2.2	Apt 14	Bedroom 2	1.0	9.04	Yes
Duplex 2.2	Apt 14	Bedroom 3	1.0	4.15	Yes
Duplex 2.2	Apt 15	Kitchen/Living	2.0	7.52	Yes
Duplex 2.2	Apt 15	Bedroom 1	1.0	6.30	Yes
Duplex 2.2	Apt 15	Bedroom 2	1.0	7.15	Yes
Duplex 2.2	Apt 15	Bedroom 3	1.0	2.71	Yes

Duplex 2.2	Apt 16	Kitchen/Living	2.0	8.99	Yes
Duplex 2.2	Apt 16	Bedroom 1	1.0	7.51	Yes
Duplex 2.2	Apt 16	Bedroom 2	1.0	7.14	Yes
Duplex 2.2	Apt 16	Bedroom 3	1.0	2.95	Yes

Table 19 - Duplex Block 2.2 ADF Results

Apartment Duplex 2.3 ADF Results					
Block	Unit	Type	ADF Required (%)	ADF Results (%)	BRE Compliance
Duplex 2.3	Apt 1	Living Room	1.5	3.73	Yes
Duplex 2.3	Apt 1	Kitchen/Dining	2.0	8.41	Yes
Duplex 2.3	Apt 1	Bedroom 1	1.0	5.15	Yes
Duplex 2.3	Apt 1	Bedroom 2	1.0	7.37	Yes
Duplex 2.3	Apt 1	Bedroom 3	1.0	3.88	Yes
Duplex 2.3	Apt 2	Living Room	1.5	3.75	Yes
Duplex 2.3	Apt 2	Kitchen/Dining	2.0	8.24	Yes
Duplex 2.3	Apt 2	Bedroom 1	1.0	5.36	Yes
Duplex 2.3	Apt 2	Bedroom 2	1.0	7.16	Yes
Duplex 2.3	Apt 2	Bedroom 3	1.0	3.87	Yes
Duplex 2.3	Apt 3	Kitchen/Living	2.0	7.48	Yes
Duplex 2.3	Apt 3	Bedroom 1	1.0	32.49	Yes
Duplex 2.3	Apt 3	Bedroom 2	1.0	7.55	Yes
Duplex 2.3	Apt 3	Bedroom 3	1.0	2.85	Yes
Duplex 2.3	Apt 4	Kitchen/Living	2.0	7.36	Yes
Duplex 2.3	Apt 4	Bedroom 1	1.0	6.77	Yes
Duplex 2.3	Apt 4	Bedroom 2	1.0	7.62	Yes
Duplex 2.3	Apt 4	Bedroom 3	1.0	2.76	Yes
Duplex 2.3	Apt 5	Living Room	1.5	3.72	Yes
Duplex 2.3	Apt 5	Kitchen/Dining	2.0	8.20	Yes
Duplex 2.3	Apt 5	Bedroom 1	1.0	5.10	Yes
Duplex 2.3	Apt 5	Bedroom 2	1.0	7.26	Yes
Duplex 2.3	Apt 5	Bedroom 3	1.0	3.86	Yes
Duplex 2.3	Apt 6	Kitchen/Dining	2.0	8.38	Yes
Duplex 2.3	Apt 6	Living Room	1.5	3.68	Yes
Duplex 2.3	Apt 6	Bedroom 1	1.0	5.12	Yes
Duplex 2.3	Apt 6	Bedroom 2	1.0	7.16	Yes
Duplex 2.3	Apt 6	Bedroom 3	1.0	3.88	Yes
Duplex 2.3	Apt 7	Kitchen/Living	2.0	7.41	Yes
Duplex 2.3	Apt 7	Bedroom 1	1.0	32.83	Yes
Duplex 2.3	Apt 7	Bedroom 2	1.0	7.48	Yes
Duplex 2.3	Apt 7	Bedroom 3	1.0	2.83	Yes

Duplex 2.3	Apt 8	Kitchen/Dining	2.0	7.36	Yes
Duplex 2.3	Apt 8	Bedroom 1	1.0	6.76	Yes
Duplex 2.3	Apt 8	Bedroom 2	1.0	7.62	Yes
Duplex 2.3	Apt 8	Bedroom 3	1.0	2.76	Yes
Duplex 2.3	Apt 9	Kitchen/Dining	2.0	8.33	Yes
Duplex 2.3	Apt 9	Living Room	1.5	3.74	Yes
Duplex 2.3	Apt 9	Bedroom 1	1.0	5.11	Yes
Duplex 2.3	Apt 9	Bedroom 2	1.0	7.27	Yes
Duplex 2.3	Apt 9	Bedroom 3	1.0	3.86	Yes
Duplex 2.3	Apt 10	Kitchen/Dining	2.0	8.25	Yes
Duplex 2.3	Apt 10	Living Room	1.5	3.71	Yes
Duplex 2.3	Apt 10	Bedroom 1	1.0	5.15	Yes
Duplex 2.3	Apt 10	Bedroom 2	1.0	7.16	Yes
Duplex 2.3	Apt 10	Bedroom 3	1.0	3.87	Yes
Duplex 2.3	Apt 11	Kitchen/Living	2.0	7.41	Yes
Duplex 2.3	Apt 11	Bedroom 1	1.0	5.84	Yes
Duplex 2.3	Apt 11	Bedroom 2	1.0	7.48	Yes
Duplex 2.3	Apt 11	Bedroom 3	1.0	2.83	Yes
Duplex 2.3	Apt 12	Kitchen/Living	2.0	7.35	Yes
Duplex 2.3	Apt 12	Bedroom 1	1.0	6.77	Yes
Duplex 2.3	Apt 12	Bedroom 2	1.0	7.64	Yes
Duplex 2.3	Apt 12	Bedroom 3	1.0	2.78	Yes
Duplex 2.3	Apt 13	Kitchen/Dining	2.0	8.33	Yes
Duplex 2.3	Apt 13	Living Room	1.5	3.81	Yes
Duplex 2.3	Apt 13	Bedroom 1	1.0	5.15	Yes
Duplex 2.3	Apt 13	Bedroom 2	1.0	7.26	Yes
Duplex 2.3	Apt 13	Bedroom 3	1.0	3.87	Yes
Duplex 2.3	Apt 14	Kitchen/Dining	2.0	9.92	Yes
Duplex 2.3	Apt 14	Living Room	1.5	4.51	Yes
Duplex 2.3	Apt 14	Bedroom 1	1.0	5.25	Yes
Duplex 2.3	Apt 14	Bedroom 2	1.0	7.99	Yes
Duplex 2.3	Apt 14	Bedroom 3	1.0	3.87	Yes
Duplex 2.3	Apt 15	Kitchen/Living	2.0	7.45	Yes
Duplex 2.3	Apt 15	Bedroom 1	1.0	6.94	Yes
Duplex 2.3	Apt 15	Bedroom 2	1.0	7.57	Yes
Duplex 2.3	Apt 15	Bedroom 3	1.0	2.92	Yes
Duplex 2.3	Apt 16	Kitchen/Living	2.0	8.91	Yes
Duplex 2.3	Apt 16	Bedroom 1	1.0	7.81	Yes
Duplex 2.3	Apt 16	Bedroom 2	1.0	7.61	Yes
Duplex 2.3	Apt 16	Bedroom 3	1.0	2.85	Yes

Table 20 - Duplex Block 2.3 ADF Results

Apartment Duplex 2.4 ADF Results					
Block	Unit	Type	ADF Required (%)	ADF Results (%)	BRE Compliance
Duplex 2.4	Apt 1	Living Room	1.5	3.71	Yes
Duplex 2.4	Apt 1	Kitchen/Dining	2.0	8.39	Yes
Duplex 2.4	Apt 1	Bedroom 1	1.0	4.71	Yes
Duplex 2.4	Apt 1	Bedroom 2	1.0	7.68	Yes
Duplex 2.4	Apt 1	Bedroom 3	1.0	4.08	Yes
Duplex 2.4	Apt 2	Living Room	1.5	3.43	Yes
Duplex 2.4	Apt 2	Kitchen/Dining	2.0	8.30	Yes
Duplex 2.4	Apt 2	Bedroom 1	1.0	4.95	Yes
Duplex 2.4	Apt 2	Bedroom 2	1.0	7.74	Yes
Duplex 2.4	Apt 2	Bedroom 3	1.0	4.29	Yes
Duplex 2.4	Apt 3	Kitchen/Living	2.0	7.39	Yes
Duplex 2.4	Apt 3	Bedroom 1	1.0	6.24	Yes
Duplex 2.4	Apt 3	Bedroom 2	1.0	7.35	Yes
Duplex 2.4	Apt 3	Bedroom 3	1.0	2.69	Yes
Duplex 2.4	Apt 4	Kitchen/Living	2.0	7.20	Yes
Duplex 2.4	Apt 4	Bedroom 1	1.0	6.18	Yes
Duplex 2.4	Apt 4	Bedroom 2	1.0	7.64	Yes
Duplex 2.4	Apt 4	Bedroom 3	1.0	2.61	Yes
Duplex 2.4	Apt 5	Living Room	1.5	3.75	Yes
Duplex 2.4	Apt 5	Kitchen/Dining	2.0	8.47	Yes
Duplex 2.4	Apt 5	Bedroom 1	1.0	4.72	Yes
Duplex 2.4	Apt 5	Bedroom 2	1.0	7.80	Yes
Duplex 2.4	Apt 5	Bedroom 3	1.0	4.08	Yes
Duplex 2.4	Apt 6	Kitchen/Dining	2.0	10.18	Yes
Duplex 2.4	Apt 6	Living Room	1.5	4.46	Yes
Duplex 2.4	Apt 6	Bedroom 1	1.0	4.76	Yes
Duplex 2.4	Apt 6	Bedroom 2	1.0	8.83	Yes
Duplex 2.4	Apt 6	Bedroom 3	1.0	4.30	Yes
Duplex 2.4	Apt 7	Kitchen/Living	2.0	7.39	Yes
Duplex 2.4	Apt 7	Bedroom 1	1.0	6.24	Yes
Duplex 2.4	Apt 7	Bedroom 2	1.0	7.35	Yes
Duplex 2.4	Apt 7	Bedroom 3	1.0	2.73	Yes
Duplex 2.4	Apt 8	Kitchen/Dining	2.0	8.94	Yes
Duplex 2.4	Apt 8	Bedroom 1	1.0	7.16	Yes
Duplex 2.4	Apt 8	Bedroom 2	1.0	7.48	Yes
Duplex 2.4	Apt 8	Bedroom 3	1.0	2.64	Yes

Table 21 - Duplex Block 2.4 ADF Results

Apartment Duplex 2.5 ADF Results					
Block	Unit	Type	ADF Required (%)	ADF Results (%)	BRE Compliance
Duplex 2.5	Apt 1	Living Room	1.5	4.62	Yes
Duplex 2.5	Apt 1	Kitchen/Dining	2.0	9.71	Yes
Duplex 2.5	Apt 1	Bedroom 1	1.0	5.40	Yes
Duplex 2.5	Apt 1	Bedroom 2	1.0	8.38	Yes
Duplex 2.5	Apt 1	Bedroom 3	1.0	4.03	Yes
Duplex 2.5	Apt 2	Living Room	1.5	3.84	Yes
Duplex 2.5	Apt 2	Kitchen/Dining	2.0	8.37	Yes
Duplex 2.5	Apt 2	Bedroom 1	1.0	5.27	Yes
Duplex 2.5	Apt 2	Bedroom 2	1.0	7.64	Yes
Duplex 2.5	Apt 2	Bedroom 3	1.0	4.10	Yes
Duplex 2.5	Apt 3	Kitchen/Living	2.0	8.94	Yes
Duplex 2.5	Apt 3	Bedroom 1	1.0	6.93	Yes
Duplex 2.5	Apt 3	Bedroom 2	1.0	7.26	Yes
Duplex 2.5	Apt 3	Bedroom 3	1.0	2.66	Yes
Duplex 2.5	Apt 4	Kitchen/Living	2.0	7.40	Yes
Duplex 2.5	Apt 4	Bedroom 1	1.0	6.10	Yes
Duplex 2.5	Apt 4	Bedroom 2	1.0	11.71	Yes
Duplex 2.5	Apt 4	Bedroom 3	1.0	2.75	Yes
Duplex 2.5	Apt 5	Living Room	1.5	3.85	Yes
Duplex 2.5	Apt 5	Kitchen/Dining	2.0	8.27	Yes
Duplex 2.5	Apt 5	Bedroom 1	1.0	5.46	Yes
Duplex 2.5	Apt 5	Bedroom 2	1.0	7.68	Yes
Duplex 2.5	Apt 5	Bedroom 3	1.0	4.10	Yes
Duplex 2.5	Apt 6	Kitchen/Dining	2.0	8.32	Yes
Duplex 2.5	Apt 6	Living Room	1.5	3.76	Yes
Duplex 2.5	Apt 6	Bedroom 1	1.0	5.20	Yes
Duplex 2.5	Apt 6	Bedroom 2	1.0	7.65	Yes
Duplex 2.5	Apt 6	Bedroom 3	1.0	4.15	Yes
Duplex 2.5	Apt 7	Kitchen/Living	2.0	7.37	Yes
Duplex 2.5	Apt 7	Bedroom 1	1.0	6.15	Yes
Duplex 2.5	Apt 7	Bedroom 2	1.0	7.05	Yes
Duplex 2.5	Apt 7	Bedroom 3	1.0	2.60	Yes
Duplex 2.5	Apt 8	Kitchen/Dining	2.0	7.43	Yes
Duplex 2.5	Apt 8	Bedroom 1	1.0	6.16	Yes
Duplex 2.5	Apt 8	Bedroom 2	1.0	11.65	Yes
Duplex 2.5	Apt 8	Bedroom 3	1.0	2.74	Yes
Duplex 2.5	Apt 9	Kitchen/Dining	2.0	8.26	Yes

Duplex 2.5	Apt 9	Living Room	1.5	3.81	Yes
Duplex 2.5	Apt 9	Bedroom 1	1.0	5.19	Yes
Duplex 2.5	Apt 9	Bedroom 2	1.0	7.78	Yes
Duplex 2.5	Apt 9	Bedroom 3	1.0	4.13	Yes
Duplex 2.5	Apt 10	Kitchen/Dining	2.0	8.51	Yes
Duplex 2.5	Apt 10	Living Room	1.5	3.78	Yes
Duplex 2.5	Apt 10	Bedroom 1	1.0	5.24	Yes
Duplex 2.5	Apt 10	Bedroom 2	1.0	7.69	Yes
Duplex 2.5	Apt 10	Bedroom 3	1.0	4.18	Yes
Duplex 2.5	Apt 11	Kitchen/Living	2.0	7.40	Yes
Duplex 2.5	Apt 11	Bedroom 1	1.0	6.19	Yes
Duplex 2.5	Apt 11	Bedroom 2	1.0	7.05	Yes
Duplex 2.5	Apt 11	Bedroom 3	1.0	2.61	Yes
Duplex 2.5	Apt 12	Kitchen/Living	2.0	7.45	Yes
Duplex 2.5	Apt 12	Bedroom 1	1.0	6.19	Yes
Duplex 2.5	Apt 12	Bedroom 2	1.0	11.66	Yes
Duplex 2.5	Apt 12	Bedroom 3	1.0	2.72	Yes

Table 22 - Duplex Block 2.5 ADF Results

Apartment Duplex 2.6 ADF Results					
Block	Unit	Type	ADF Required (%)	ADF Results (%)	BRE Compliance
Duplex 2.6	Apt 1	Living Room	1.5	4.98	Yes
Duplex 2.6	Apt 1	Kitchen/Dining	2.0	10.14	Yes
Duplex 2.6	Apt 1	Bedroom 1	1.0	6.04	Yes
Duplex 2.6	Apt 1	Bedroom 2	1.0	8.76	Yes
Duplex 2.6	Apt 1	Bedroom 3	1.0	3.69	Yes
Duplex 2.6	Apt 2	Living Room	1.5	4.06	Yes
Duplex 2.6	Apt 2	Kitchen/Dining	2.0	8.30	Yes
Duplex 2.6	Apt 2	Bedroom 1	1.0	5.66	Yes
Duplex 2.6	Apt 2	Bedroom 2	1.0	7.71	Yes
Duplex 2.6	Apt 2	Bedroom 3	1.0	3.99	Yes
Duplex 2.6	Apt 3	Kitchen/Living	2.0	9.25	Yes
Duplex 2.6	Apt 3	Bedroom 1	1.0	7.23	Yes
Duplex 2.6	Apt 3	Bedroom 2	1.0	7.73	Yes
Duplex 2.6	Apt 3	Bedroom 3	1.0	2.87	Yes
Duplex 2.6	Apt 4	Kitchen/Living	2.0	7.49	Yes
Duplex 2.6	Apt 4	Bedroom 1	1.0	6.24	Yes
Duplex 2.6	Apt 4	Bedroom 2	1.0	7.76	Yes
Duplex 2.6	Apt 4	Bedroom 3	1.0	2.86	Yes
Duplex 2.6	Apt 5	Living Room	1.5	4.00	Yes

Duplex 2.6	Apt 5	Kitchen/Dining	2.0	8.40	Yes
Duplex 2.6	Apt 5	Bedroom 1	1.0	5.50	Yes
Duplex 2.6	Apt 5	Bedroom 2	1.0	7.81	Yes
Duplex 2.6	Apt 5	Bedroom 3	1.0	3.70	Yes
Duplex 2.6	Apt 6	Kitchen/Dining	2.0	8.43	Yes
Duplex 2.6	Apt 6	Living Room	1.5	3.88	Yes
Duplex 2.6	Apt 6	Bedroom 1	1.0	5.66	Yes
Duplex 2.6	Apt 6	Bedroom 2	1.0	7.71	Yes
Duplex 2.6	Apt 6	Bedroom 3	1.0	3.99	Yes
Duplex 2.6	Apt 7	Kitchen/Living	2.0	7.45	Yes
Duplex 2.6	Apt 7	Bedroom 1	1.0	6.13	Yes
Duplex 2.6	Apt 7	Bedroom 2	1.0	7.40	Yes
Duplex 2.6	Apt 7	Bedroom 3	1.0	2.79	Yes
Duplex 2.6	Apt 8	Kitchen/Living	2.0	7.42	Yes
Duplex 2.6	Apt 8	Bedroom 1	1.0	6.24	Yes
Duplex 2.6	Apt 8	Bedroom 2	1.0	7.52	Yes
Duplex 2.6	Apt 8	Bedroom 3	1.0	2.73	Yes
Duplex 2.6	Apt 9	Kitchen/Dining	2.0	8.33	Yes
Duplex 2.6	Apt 9	Living Room	1.5	3.78	Yes
Duplex 2.6	Apt 9	Bedroom 1	1.0	5.28	Yes
Duplex 2.6	Apt 9	Bedroom 2	1.0	7.80	Yes
Duplex 2.6	Apt 9	Bedroom 3	1.0	3.70	Yes
Duplex 2.6	Apt 10	Kitchen/Dining	2.0	8.39	Yes
Duplex 2.6	Apt 10	Living Room	1.5	3.63	Yes
Duplex 2.6	Apt 10	Bedroom 1	1.0	5.25	Yes
Duplex 2.6	Apt 10	Bedroom 2	1.0	7.71	Yes
Duplex 2.6	Apt 10	Bedroom 3	1.0	4.00	Yes
Duplex 2.6	Apt 11	Kitchen/Living	2.0	7.39	Yes
Duplex 2.6	Apt 11	Bedroom 1	1.0	6.13	Yes
Duplex 2.6	Apt 11	Bedroom 2	1.0	7.21	Yes
Duplex 2.6	Apt 11	Bedroom 3	1.0	2.66	Yes
Duplex 2.6	Apt 12	Kitchen/Living	2.0	7.37	Yes
Duplex 2.6	Apt 12	Bedroom 1	1.0	6.24	Yes
Duplex 2.6	Apt 12	Bedroom 2	1.0	11.68	Yes
Duplex 2.6	Apt 12	Bedroom 3	1.0	2.68	Yes
Duplex 2.6	Apt 13	Kitchen/Dining	2.0	8.41	Yes
Duplex 2.6	Apt 13	Living Room	1.5	3.70	Yes
Duplex 2.6	Apt 13	Bedroom 1	1.0	5.20	Yes
Duplex 2.6	Apt 13	Bedroom 2	1.0	7.81	Yes
Duplex 2.6	Apt 13	Bedroom 3	1.0	3.70	Yes
Duplex 2.6	Apt 14	Kitchen/Dining	2.0	10.58	Yes
Duplex 2.6	Apt 14	Living Room	1.5	4.29	Yes
Duplex 2.6	Apt 14	Bedroom 1	1.0	5.23	Yes

Duplex 2.6	Apt 14	Bedroom 2	1.0	8.65	Yes
Duplex 2.6	Apt 14	Bedroom 3	1.0	4.00	Yes
Duplex 2.6	Apt 15	Kitchen/Living	2.0	7.36	Yes
Duplex 2.6	Apt 15	Bedroom 1	1.0	6.14	Yes
Duplex 2.6	Apt 15	Bedroom 2	1.0	11.25	Yes
Duplex 2.6	Apt 15	Bedroom 3	1.0	2.63	Yes
Duplex 2.6	Apt 16	Kitchen/Living	2.0	9.07	Yes
Duplex 2.6	Apt 16	Bedroom 1	1.0	7.43	Yes
Duplex 2.6	Apt 16	Bedroom 2	1.0	7.35	Yes
Duplex 2.6	Apt 16	Bedroom 3	1.0	2.79	Yes

Table 23 - Duplex Block 2.6 ADF Results

Apartment Duplex 3.1 ADF Results					
Block	Unit	Type	ADF Required (%)	ADF Results (%)	BRE Compliance
Duplex 3.1	Apt 1	Living Room	1.5	5.27	Yes
Duplex 3.1	Apt 1	Kitchen/Dining	2.0	10.51	Yes
Duplex 3.1	Apt 1	Bedroom 1	1.0	5.85	Yes
Duplex 3.1	Apt 1	Bedroom 2	1.0	8.69	Yes
Duplex 3.1	Apt 1	Bedroom 3	1.0	4.16	Yes
Duplex 3.1	Apt 2	Living Room	1.5	4.52	Yes
Duplex 3.1	Apt 2	Kitchen/Dining	2.0	8.46	Yes
Duplex 3.1	Apt 2	Bedroom 1	1.0	5.84	Yes
Duplex 3.1	Apt 2	Bedroom 2	1.0	7.83	Yes
Duplex 3.1	Apt 2	Bedroom 3	1.0	4.28	Yes
Duplex 3.1	Apt 3	Kitchen/Living	2.0	11.56	Yes
Duplex 3.1	Apt 3	Bedroom 1	1.0	7.27	Yes
Duplex 3.1	Apt 3	Bedroom 2	1.0	7.21	Yes
Duplex 3.1	Apt 3	Bedroom 3	1.0	3.56	Yes
Duplex 3.1	Apt 4	Kitchen/Living	2.0	9.13	Yes
Duplex 3.1	Apt 4	Bedroom 1	1.0	5.95	Yes
Duplex 3.1	Apt 4	Bedroom 2	1.0	7.37	Yes
Duplex 3.1	Apt 4	Bedroom 3	1.0	3.59	Yes
Duplex 3.1	Apt 5	Living Room	1.5	4.55	Yes
Duplex 3.1	Apt 5	Kitchen/Dining	2.0	8.39	Yes
Duplex 3.1	Apt 5	Bedroom 1	1.0	5.86	Yes
Duplex 3.1	Apt 5	Bedroom 2	1.0	7.68	Yes
Duplex 3.1	Apt 5	Bedroom 3	1.0	4.15	Yes
Duplex 3.1	Apt 6	Kitchen/Dining	2.0	8.38	Yes
Duplex 3.1	Apt 6	Living Room	1.5	4.52	Yes
Duplex 3.1	Apt 6	Bedroom 1	1.0	5.84	Yes

Duplex 3.1	Apt 6	Bedroom 2	1.0	7.82	Yes
Duplex 3.1	Apt 6	Bedroom 3	1.0	4.27	Yes
Duplex 3.1	Apt 7	Kitchen/Living	2.0	9.02	Yes
Duplex 3.1	Apt 7	Bedroom 1	1.0	5.94	Yes
Duplex 3.1	Apt 7	Bedroom 2	1.0	7.21	Yes
Duplex 3.1	Apt 7	Bedroom 3	1.0	4.19	Yes
Duplex 3.1	Apt 8	Kitchen/Living	2.0	9.14	Yes
Duplex 3.1	Apt 8	Bedroom 1	1.0	5.95	Yes
Duplex 3.1	Apt 8	Bedroom 2	1.0	7.38	Yes
Duplex 3.1	Apt 8	Bedroom 3	1.0	3.61	Yes
Duplex 3.1	Apt 9	Kitchen/Dining	2.0	8.35	Yes
Duplex 3.1	Apt 9	Living Room	1.5	4.54	Yes
Duplex 3.1	Apt 9	Bedroom 1	1.0	5.86	Yes
Duplex 3.1	Apt 9	Bedroom 2	1.0	7.67	Yes
Duplex 3.1	Apt 9	Bedroom 3	1.0	4.15	Yes
Duplex 3.1	Apt 10	Kitchen/Dining	2.0	10.53	Yes
Duplex 3.1	Apt 10	Living Room	1.5	5.25	Yes
Duplex 3.1	Apt 10	Bedroom 1	1.0	5.56	Yes
Duplex 3.1	Apt 10	Bedroom 2	1.0	8.71	Yes
Duplex 3.1	Apt 10	Bedroom 3	1.0	4.27	Yes
Duplex 3.1	Apt 11	Kitchen/Living	2.0	8.81	Yes
Duplex 3.1	Apt 11	Bedroom 1	1.0	5.94	Yes
Duplex 3.1	Apt 11	Bedroom 2	1.0	5.95	Yes
Duplex 3.1	Apt 11	Bedroom 3	1.0	3.51	Yes
Duplex 3.1	Apt 12	Kitchen/Living	2.0	11.56	Yes
Duplex 3.1	Apt 12	Bedroom 1	1.0	7.17	Yes
Duplex 3.1	Apt 12	Bedroom 2	1.0	6.72	Yes
Duplex 3.1	Apt 12	Bedroom 3	1.0	3.47	Yes

Table 24 - Duplex Block 3.1 ADF Results

Apartment Duplex 3.2 ADF Results					
Block	Unit	Type	ADF Required (%)	ADF Results (%)	BRE Compliance
Duplex 3.2	Apt 1	Living Room	1.5	4.98	Yes
Duplex 3.2	Apt 1	Kitchen/Dining	2.0	10.61	Yes
Duplex 3.2	Apt 1	Bedroom 1	1.0	4.85	Yes
Duplex 3.2	Apt 1	Bedroom 2	1.0	8.74	Yes
Duplex 3.2	Apt 1	Bedroom 3	1.0	4.22	Yes
Duplex 3.2	Apt 2	Living Room	1.5	4.06	Yes
Duplex 3.2	Apt 2	Kitchen/Dining	2.0	8.38	Yes
Duplex 3.2	Apt 2	Bedroom 1	1.0	4.87	Yes

Duplex 3.2	Apt 2	Bedroom 2	1.0	7.66	Yes
Duplex 3.2	Apt 2	Bedroom 3	1.0	4.15	Yes
Duplex 3.2	Apt 3	Kitchen/Living	2.0	11.59	Yes
Duplex 3.2	Apt 3	Bedroom 1	1.0	7.28	Yes
Duplex 3.2	Apt 3	Bedroom 2	1.0	7.57	Yes
Duplex 3.2	Apt 3	Bedroom 3	1.0	3.22	Yes
Duplex 3.2	Apt 4	Kitchen/Living	2.0	9.10	Yes
Duplex 3.2	Apt 4	Bedroom 1	1.0	6.42	Yes
Duplex 3.2	Apt 4	Bedroom 2	1.0	4.98	Yes
Duplex 3.2	Apt 4	Bedroom 3	1.0	3.34	Yes
Duplex 3.2	Apt 5	Living Room	1.5	4.34	Yes
Duplex 3.2	Apt 5	Kitchen/Dining	2.0	8.45	Yes
Duplex 3.2	Apt 5	Bedroom 1	1.0	4.90	Yes
Duplex 3.2	Apt 5	Bedroom 2	1.0	7.71	Yes
Duplex 3.2	Apt 5	Bedroom 3	1.0	4.17	Yes
Duplex 3.2	Apt 6	Kitchen/Dining	2.0	8.29	Yes
Duplex 3.2	Apt 6	Living Room	1.5	4.13	Yes
Duplex 3.2	Apt 6	Bedroom 1	1.0	4.94	Yes
Duplex 3.2	Apt 6	Bedroom 2	1.0	7.67	Yes
Duplex 3.2	Apt 6	Bedroom 3	1.0	4.17	Yes
Duplex 3.2	Apt 7	Kitchen/Living	2.0	9.08	Yes
Duplex 3.2	Apt 7	Bedroom 1	1.0	6.44	Yes
Duplex 3.2	Apt 7	Bedroom 2	1.0	7.72	Yes
Duplex 3.2	Apt 7	Bedroom 3	1.0	3.18	Yes
Duplex 3.2	Apt 8	Kitchen/Living	2.0	9.02	Yes
Duplex 3.2	Apt 8	Bedroom 1	1.0	5.95	Yes
Duplex 3.2	Apt 8	Bedroom 2	1.0	5.12	Yes
Duplex 3.2	Apt 8	Bedroom 3	1.0	3.37	Yes
Duplex 3.2	Apt 9	Kitchen/Dining	2.0	8.46	Yes
Duplex 3.2	Apt 9	Living Room	1.5	4.41	Yes
Duplex 3.2	Apt 9	Bedroom 1	1.0	4.97	Yes
Duplex 3.2	Apt 9	Bedroom 2	1.0	7.70	Yes
Duplex 3.2	Apt 9	Bedroom 3	1.0	4.21	Yes
Duplex 3.2	Apt 10	Kitchen/Dining	2.0	8.30	Yes
Duplex 3.2	Apt 10	Living Room	1.5	4.19	Yes
Duplex 3.2	Apt 10	Bedroom 1	1.0	4.98	Yes
Duplex 3.2	Apt 10	Bedroom 2	1.0	7.67	Yes
Duplex 3.2	Apt 10	Bedroom 3	1.0	4.17	Yes
Duplex 3.2	Apt 11	Kitchen/Living	2.0	9.07	Yes
Duplex 3.2	Apt 11	Bedroom 1	1.0	6.45	Yes
Duplex 3.2	Apt 11	Bedroom 2	1.0	4.89	Yes
Duplex 3.2	Apt 11	Bedroom 3	1.0	3.28	Yes
Duplex 3.2	Apt 12	Kitchen/Living	2.0	9.15	Yes

Duplex 3.2	Apt 12	Bedroom 1	1.0	6.43	Yes
Duplex 3.2	Apt 12	Bedroom 2	1.0	4.69	Yes
Duplex 3.2	Apt 12	Bedroom 3	1.0	3.40	Yes

Table 25 - Duplex Block 3.2 ADF Results

Apartment Duplex 3.3 ADF Results					
Block	Unit	Type	ADF Required (%)	ADF Results (%)	BRE Compliance
Duplex 3.3	Apt 1	Living Room	1.5	4.19	Yes
Duplex 3.3	Apt 1	Kitchen/Dining	2.0	8.45	Yes
Duplex 3.3	Apt 1	Bedroom 1	1.0	5.87	Yes
Duplex 3.3	Apt 1	Bedroom 2	1.0	7.85	Yes
Duplex 3.3	Apt 1	Bedroom 3	1.0	4.20	Yes
Duplex 3.3	Apt 2	Living Room	1.5	4.29	Yes
Duplex 3.3	Apt 2	Kitchen/Dining	2.0	8.35	Yes
Duplex 3.3	Apt 2	Bedroom 1	1.0	5.86	Yes
Duplex 3.3	Apt 2	Bedroom 2	1.0	7.90	Yes
Duplex 3.3	Apt 2	Bedroom 3	1.0	4.05	Yes
Duplex 3.3	Apt 3	Kitchen/Living	2.0	9.12	Yes
Duplex 3.3	Apt 3	Bedroom 1	1.0	6.01	Yes
Duplex 3.3	Apt 3	Bedroom 2	1.0	7.87	Yes
Duplex 3.3	Apt 3	Bedroom 3	1.0	3.24	Yes
Duplex 3.3	Apt 4	Kitchen/Living	2.0	9.04	Yes
Duplex 3.3	Apt 4	Bedroom 1	1.0	6.01	Yes
Duplex 3.3	Apt 4	Bedroom 2	1.0	7.63	Yes
Duplex 3.3	Apt 4	Bedroom 3	1.0	3.08	Yes
Duplex 3.3	Apt 5	Living Room	1.5	4.18	Yes
Duplex 3.3	Apt 5	Kitchen/Dining	2.0	8.57	Yes
Duplex 3.3	Apt 5	Bedroom 1	1.0	5.86	Yes
Duplex 3.3	Apt 5	Bedroom 2	1.0	7.85	Yes
Duplex 3.3	Apt 5	Bedroom 3	1.0	4.19	Yes
Duplex 3.3	Apt 6	Kitchen/Dining	2.0	8.35	Yes
Duplex 3.3	Apt 6	Living Room	1.5	4.27	Yes
Duplex 3.3	Apt 6	Bedroom 1	1.0	5.84	Yes
Duplex 3.3	Apt 6	Bedroom 2	1.0	7.88	Yes
Duplex 3.3	Apt 6	Bedroom 3	1.0	4.06	Yes
Duplex 3.3	Apt 7	Kitchen/Living	2.0	9.01	Yes
Duplex 3.3	Apt 7	Bedroom 1	1.0	5.98	Yes
Duplex 3.3	Apt 7	Bedroom 2	1.0	7.90	Yes
Duplex 3.3	Apt 7	Bedroom 3	1.0	3.24	Yes
Duplex 3.3	Apt 8	Kitchen/Living	2.0	8.87	Yes

Duplex 3.3	Apt 8	Bedroom 1	1.0	6.00	Yes
Duplex 3.3	Apt 8	Bedroom 2	1.0	7.62	Yes
Duplex 3.3	Apt 8	Bedroom 3	1.0	3.05	Yes
Duplex 3.3	Apt 9	Kitchen/Dining	2.0	8.44	Yes
Duplex 3.3	Apt 9	Living Room	1.5	4.13	Yes
Duplex 3.3	Apt 9	Bedroom 1	1.0	5.94	Yes
Duplex 3.3	Apt 9	Bedroom 2	1.0	7.88	Yes
Duplex 3.3	Apt 9	Bedroom 3	1.0	4.21	Yes
Duplex 3.3	Apt 10	Kitchen/Dining	2.0	8.35	Yes
Duplex 3.3	Apt 10	Living Room	1.5	4.28	Yes
Duplex 3.3	Apt 10	Bedroom 1	1.0	6.20	Yes
Duplex 3.3	Apt 10	Bedroom 2	1.0	7.94	Yes
Duplex 3.3	Apt 10	Bedroom 3	1.0	4.10	Yes
Duplex 3.3	Apt 11	Kitchen/Living	2.0	7.41	Yes
Duplex 3.3	Apt 11	Bedroom 1	1.0	8.18	Yes
Duplex 3.3	Apt 12	Kitchen/Living	2.0	7.55	Yes
Duplex 3.3	Apt 12	Bedroom 1	1.0	8.17	Yes

Table 26 - Duplex Block 3.3 ADF Results

Apartment Duplex 3.4 ADF Results					
Block	Unit	Type	ADF Required (%)	ADF Results (%)	BRE Compliance
Duplex 3.4	Apt 1	Living Room	1.5	4.21	Yes
Duplex 3.4	Apt 1	Kitchen/Dining	2.0	8.49	Yes
Duplex 3.4	Apt 1	Bedroom 1	1.0	5.79	Yes
Duplex 3.4	Apt 1	Bedroom 2	1.0	7.86	Yes
Duplex 3.4	Apt 1	Bedroom 3	1.0	4.21	Yes
Duplex 3.4	Apt 2	Living Room	1.5	4.15	Yes
Duplex 3.4	Apt 2	Kitchen/Dining	2.0	8.31	Yes
Duplex 3.4	Apt 2	Bedroom 1	1.0	5.74	Yes
Duplex 3.4	Apt 2	Bedroom 2	1.0	7.86	Yes
Duplex 3.4	Apt 2	Bedroom 3	1.0	4.15	Yes
Duplex 3.4	Apt 3	Kitchen/Living	2.0	7.41	Yes
Duplex 3.4	Apt 3	Bedroom 1	1.0	8.11	Yes
Duplex 3.4	Apt 4	Kitchen/Living	2.0	7.26	Yes
Duplex 3.4	Apt 4	Bedroom 1	1.0	8.02	Yes
Duplex 3.4	Apt 5	Living Room	1.5	4.04	Yes
Duplex 3.4	Apt 5	Kitchen/Dining	2.0	8.49	Yes
Duplex 3.4	Apt 5	Bedroom 1	1.0	4.89	Yes
Duplex 3.4	Apt 5	Bedroom 2	1.0	7.81	Yes
Duplex 3.4	Apt 5	Bedroom 3	1.0	4.18	Yes

Duplex 3.4	Apt 6	Kitchen/Dining	2.0	8.51	Yes
Duplex 3.4	Apt 6	Living Room	1.5	4.03	Yes
Duplex 3.4	Apt 6	Bedroom 1	1.0	5.49	Yes
Duplex 3.4	Apt 6	Bedroom 2	1.0	7.93	Yes
Duplex 3.4	Apt 6	Bedroom 3	1.0	4.13	Yes
Duplex 3.4	Apt 7	Kitchen/Living	2.0	8.95	Yes
Duplex 3.4	Apt 7	Bedroom 1	1.0	5.96	Yes
Duplex 3.4	Apt 7	Bedroom 2	1.0	7.79	Yes
Duplex 3.4	Apt 7	Bedroom 3	1.0	3.32	Yes
Duplex 3.4	Apt 8	Kitchen/Living	2.0	9.07	Yes
Duplex 3.4	Apt 8	Bedroom 1	1.0	5.94	Yes
Duplex 3.4	Apt 8	Bedroom 2	1.0	5.49	Yes
Duplex 3.4	Apt 8	Bedroom 3	1.0	8.03	Yes
Duplex 3.4	Apt 9	Kitchen/Dining	2.0	8.49	Yes
Duplex 3.4	Apt 9	Living Room	1.5	4.04	Yes
Duplex 3.4	Apt 9	Bedroom 1	1.0	5.51	Yes
Duplex 3.4	Apt 9	Bedroom 2	1.0	7.81	Yes
Duplex 3.4	Apt 9	Bedroom 3	1.0	4.19	Yes
Duplex 3.4	Apt 10	Kitchen/Dining	2.0	8.31	Yes
Duplex 3.4	Apt 10	Living Room	1.5	4.10	Yes
Duplex 3.4	Apt 10	Bedroom 1	1.0	5.51	Yes
Duplex 3.4	Apt 10	Bedroom 2	1.0	7.81	Yes
Duplex 3.4	Apt 10	Bedroom 3	1.0	4.14	Yes
Duplex 3.4	Apt 11	Kitchen/Living	2.0	8.99	Yes
Duplex 3.4	Apt 11	Bedroom 1	1.0	5.94	Yes
Duplex 3.4	Apt 11	Bedroom 2	1.0	7.77	Yes
Duplex 3.4	Apt 11	Bedroom 3	1.0	3.30	Yes
Duplex 3.4	Apt 12	Kitchen/Living	2.0	9.14	Yes
Duplex 3.4	Apt 12	Bedroom 1	1.0	5.95	Yes
Duplex 3.4	Apt 12	Bedroom 2	1.0	7.56	Yes
Duplex 3.4	Apt 12	Bedroom 3	1.0	3.13	Yes

Table 27 - Duplex Block 3.4 ADF Results

Apartment Duplex 3.5 ADF Results					
Block	Unit	Type	ADF Required (%)	ADF Results (%)	BRE Compliance
Duplex 3.5	Apt 1	Living Room	1.5	4.08	Yes
Duplex 3.5	Apt 1	Kitchen/Dining	2.0	8.32	Yes
Duplex 3.5	Apt 1	Bedroom 1	1.0	5.42	Yes
Duplex 3.5	Apt 1	Bedroom 2	1.0	7.73	Yes
Duplex 3.5	Apt 1	Bedroom 3	1.0	4.10	Yes

Duplex 3.5	Apt 2	Living Room	1.5	3.97	Yes
Duplex 3.5	Apt 2	Kitchen/Dining	2.0	8.32	Yes
Duplex 3.5	Apt 2	Bedroom 1	1.0	5.59	Yes
Duplex 3.5	Apt 2	Bedroom 2	1.0	7.69	Yes
Duplex 3.5	Apt 2	Bedroom 3	1.0	4.19	Yes
Duplex 3.5	Apt 3	Kitchen/Living	2.0	9.12	Yes
Duplex 3.5	Apt 3	Bedroom 1	1.0	5.97	Yes
Duplex 3.5	Apt 3	Bedroom 2	1.0	7.59	Yes
Duplex 3.5	Apt 3	Bedroom 3	1.0	3.15	Yes
Duplex 3.5	Apt 4	Kitchen/Living	2.0	9.03	Yes
Duplex 3.5	Apt 4	Bedroom 1	1.0	5.94	Yes
Duplex 3.5	Apt 4	Bedroom 2	1.0	8.04	Yes
Duplex 3.5	Apt 4	Bedroom 3	1.0	3.17	Yes
Duplex 3.5	Apt 5	Living Room	1.5	4.00	Yes
Duplex 3.5	Apt 5	Kitchen/Dining	2.0	8.31	Yes
Duplex 3.5	Apt 5	Bedroom 1	1.0	5.30	Yes
Duplex 3.5	Apt 5	Bedroom 2	1.0	7.74	Yes
Duplex 3.5	Apt 5	Bedroom 3	1.0	4.10	Yes
Duplex 3.5	Apt 6	Kitchen/Dining	2.0	8.32	Yes
Duplex 3.5	Apt 6	Living Room	1.5	3.82	Yes
Duplex 3.5	Apt 6	Bedroom 1	1.0	5.27	Yes
Duplex 3.5	Apt 6	Bedroom 2	1.0	7.74	Yes
Duplex 3.5	Apt 6	Bedroom 3	1.0	4.20	Yes
Duplex 3.5	Apt 7	Kitchen/Living	2.0	9.01	Yes
Duplex 3.5	Apt 7	Bedroom 1	1.0	5.98	Yes
Duplex 3.5	Apt 7	Bedroom 2	1.0	7.53	Yes
Duplex 3.5	Apt 7	Bedroom 3	1.0	3.13	Yes
Duplex 3.5	Apt 8	Kitchen/Living	2.0	8.95	Yes
Duplex 3.5	Apt 8	Bedroom 1	1.0	5.94	Yes
Duplex 3.5	Apt 8	Bedroom 2	1.0	6.36	Yes
Duplex 3.5	Apt 8	Bedroom 3	1.0	4.98	Yes
Duplex 3.5	Apt 9	Kitchen/Dining	2.0	8.34	Yes
Duplex 3.5	Apt 9	Living Room	1.5	4.00	Yes
Duplex 3.5	Apt 9	Bedroom 1	1.0	5.29	Yes
Duplex 3.5	Apt 9	Bedroom 2	1.0	7.74	Yes
Duplex 3.5	Apt 9	Bedroom 3	1.0	4.09	Yes
Duplex 3.5	Apt 10	Kitchen/Dining	2.0	10.44	Yes
Duplex 3.5	Apt 10	Living Room	1.5	4.69	Yes
Duplex 3.5	Apt 10	Bedroom 1	1.0	5.30	Yes
Duplex 3.5	Apt 10	Bedroom 2	1.0	8.69	Yes
Duplex 3.5	Apt 10	Bedroom 3	1.0	4.19	Yes
Duplex 3.5	Apt 11	Kitchen/Living	2.0	8.98	Yes
Duplex 3.5	Apt 11	Bedroom 1	1.0	5.97	Yes

Duplex 3.5	Apt 11	Bedroom 2	1.0	7.51	Yes
Duplex 3.5	Apt 11	Bedroom 3	1.0	3.12	Yes
Duplex 3.5	Apt 12	Kitchen/Living	2.0	11.47	Yes
Duplex 3.5	Apt 12	Bedroom 1	1.0	7.16	Yes
Duplex 3.5	Apt 12	Bedroom 2	1.0	7.99	Yes
Duplex 3.5	Apt 12	Bedroom 3	1.0	3.09	Yes

Table 28 - Duplex Block 3.5 ADF Results

Apartment Duplex 3.6 ADF Results					
Block	Unit	Type	ADF Required (%)	ADF Results (%)	BRE Compliance
Duplex 3.6	Apt 1	Living Room	1.5	4.78	Yes
Duplex 3.6	Apt 1	Kitchen/Dining	2.0	10.33	Yes
Duplex 3.6	Apt 1	Bedroom 1	1.0	5.60	Yes
Duplex 3.6	Apt 1	Bedroom 2	1.0	8.23	Yes
Duplex 3.6	Apt 1	Bedroom 3	1.0	3.87	Yes
Duplex 3.6	Apt 2	Living Room	1.5	3.81	Yes
Duplex 3.6	Apt 2	Kitchen/Dining	2.0	8.26	Yes
Duplex 3.6	Apt 2	Bedroom 1	1.0	5.29	Yes
Duplex 3.6	Apt 2	Bedroom 2	1.0	7.01	Yes
Duplex 3.6	Apt 2	Bedroom 3	1.0	3.88	Yes
Duplex 3.6	Apt 3	Kitchen/Living	2.0	10.71	Yes
Duplex 3.6	Apt 3	Bedroom 1	1.0	7.09	Yes
Duplex 3.6	Apt 3	Bedroom 2	1.0	7.87	Yes
Duplex 3.6	Apt 3	Bedroom 3	1.0	3.28	Yes
Duplex 3.6	Apt 4	Kitchen/Living	2.0	8.31	Yes
Duplex 3.6	Apt 4	Bedroom 1	1.0	5.68	Yes
Duplex 3.6	Apt 4	Bedroom 2	1.0	7.93	Yes
Duplex 3.6	Apt 4	Bedroom 3	1.0	3.23	Yes
Duplex 3.6	Apt 5	Living Room	1.5	3.74	Yes
Duplex 3.6	Apt 5	Kitchen/Dining	2.0	8.33	Yes
Duplex 3.6	Apt 5	Bedroom 1	1.0	5.18	Yes
Duplex 3.6	Apt 5	Bedroom 2	1.0	7.10	Yes
Duplex 3.6	Apt 5	Bedroom 3	1.0	3.86	Yes
Duplex 3.6	Apt 6	Kitchen/Dining	2.0	8.38	Yes
Duplex 3.6	Apt 6	Living Room	1.5	3.66	Yes
Duplex 3.6	Apt 6	Bedroom 1	1.0	5.13	Yes
Duplex 3.6	Apt 6	Bedroom 2	1.0	7.14	Yes

Duplex 3.6	Apt 6	Bedroom 3	1.0	3.87	Yes
Duplex 3.6	Apt 7	Kitchen/Living	2.0	8.20	Yes
Duplex 3.6	Apt 7	Bedroom 1	1.0	5.80	Yes
Duplex 3.6	Apt 7	Bedroom 2	1.0	7.95	Yes
Duplex 3.6	Apt 7	Bedroom 3	1.0	3.21	Yes
Duplex 3.6	Apt 8	Kitchen/Living	2.0	8.29	Yes
Duplex 3.6	Apt 8	Bedroom 1	1.0	5.67	Yes
Duplex 3.6	Apt 8	Bedroom 2	1.0	7.80	Yes
Duplex 3.6	Apt 8	Bedroom 3	1.0	3.19	Yes
Duplex 3.6	Apt 9	Kitchen/Dining	2.0	8.40	Yes
Duplex 3.6	Apt 9	Living Room	1.5	3.68	Yes
Duplex 3.6	Apt 9	Bedroom 1	1.0	5.13	Yes
Duplex 3.6	Apt 9	Bedroom 2	1.0	7.37	Yes
Duplex 3.6	Apt 9	Bedroom 3	1.0	3.88	Yes
Duplex 3.6	Apt 10	Kitchen/Dining	2.0	8.37	Yes
Duplex 3.6	Apt 10	Living Room	1.5	3.63	Yes
Duplex 3.6	Apt 10	Bedroom 1	1.0	5.11	Yes
Duplex 3.6	Apt 10	Bedroom 2	1.0	7.14	Yes
Duplex 3.6	Apt 10	Bedroom 3	1.0	3.87	Yes
Duplex 3.6	Apt 11	Kitchen/Living	2.0	8.17	Yes
Duplex 3.6	Apt 11	Bedroom 1	1.0	5.80	Yes
Duplex 3.6	Apt 11	Bedroom 2	1.0	7.88	Yes
Duplex 3.6	Apt 11	Bedroom 3	1.0	3.28	Yes
Duplex 3.6	Apt 12	Kitchen/Living	2.0	8.27	Yes
Duplex 3.6	Apt 12	Bedroom 1	1.0	5.68	Yes
Duplex 3.6	Apt 12	Bedroom 2	1.0	7.22	Yes
Duplex 3.6	Apt 12	Bedroom 3	1.0	3.20	Yes
Duplex 3.6	Apt 13	Kitchen/Dining	2.0	8.28	Yes
Duplex 3.6	Apt 13	Living Room	1.5	3.67	Yes
Duplex 3.6	Apt 13	Bedroom 1	1.0	4.54	Yes
Duplex 3.6	Apt 13	Bedroom 2	1.0	7.35	Yes
Duplex 3.6	Apt 13	Bedroom 3	1.0	3.87	Yes
Duplex 3.6	Apt 14	Kitchen/Dining	2.0	8.38	Yes
Duplex 3.6	Apt 14	Living Room	1.5	3.65	Yes
Duplex 3.6	Apt 14	Bedroom 1	1.0	5.12	Yes
Duplex 3.6	Apt 14	Bedroom 2	1.0	7.13	Yes
Duplex 3.6	Apt 14	Bedroom 3	1.0	3.87	Yes
Duplex 3.6	Apt 15	Kitchen/Living	2.0	8.16	Yes
Duplex 3.6	Apt 15	Bedroom 1	1.0	5.81	Yes
Duplex 3.6	Apt 15	Bedroom 2	1.0	6.89	Yes
Duplex 3.6	Apt 15	Bedroom 3	1.0	3.28	Yes
Duplex 3.6	Apt 16	Kitchen/Living	2.0	8.25	Yes
Duplex 3.6	Apt 16	Bedroom 1	1.0	5.67	Yes

Duplex 3.6	Apt 16	Bedroom 2	1.0	7.25	Yes
Duplex 3.6	Apt 16	Bedroom 3	1.0	3.22	Yes

Table 29 - Duplex Block 3.6 ADF Results

Apartment Duplex 3.7 ADF Results					
Block	Unit	Type	ADF Required (%)	ADF Results (%)	BRE Compliance
Duplex 3.7	Apt 1	Living Room	1.5	4.21	Yes
Duplex 3.7	Apt 1	Kitchen/Dining	2.0	9.92	Yes
Duplex 3.7	Apt 1	Bedroom 1	1.0	5.07	Yes
Duplex 3.7	Apt 1	Bedroom 2	1.0	8.69	Yes
Duplex 3.7	Apt 1	Bedroom 3	1.0	4.19	Yes
Duplex 3.7	Apt 2	Living Room	1.5	3.55	Yes
Duplex 3.7	Apt 2	Kitchen/Dining	2.0	8.54	Yes
Duplex 3.7	Apt 2	Bedroom 1	1.0	5.25	Yes
Duplex 3.7	Apt 2	Bedroom 2	1.0	7.84	Yes
Duplex 3.7	Apt 2	Bedroom 3	1.0	4.14	Yes
Duplex 3.7	Apt 3	Kitchen/Living	2.0	10.67	Yes
Duplex 3.7	Apt 3	Bedroom 1	1.0	7.65	Yes
Duplex 3.7	Apt 3	Bedroom 2	1.0	6.83	Yes
Duplex 3.7	Apt 3	Bedroom 3	1.0	2.89	Yes
Duplex 3.7	Apt 4	Kitchen/Living	2.0	8.34	Yes
Duplex 3.7	Apt 4	Bedroom 1	1.0	6.03	Yes
Duplex 3.7	Apt 4	Bedroom 2	1.0	6.63	Yes
Duplex 3.7	Apt 4	Bedroom 3	1.0	3.03	Yes
Duplex 3.7	Apt 5	Living Room	1.5	3.28	Yes
Duplex 3.7	Apt 5	Kitchen/Dining	2.0	8.53	Yes
Duplex 3.7	Apt 5	Bedroom 1	1.0	4.93	Yes
Duplex 3.7	Apt 5	Bedroom 2	1.0	7.79	Yes
Duplex 3.7	Apt 5	Bedroom 3	1.0	4.19	Yes
Duplex 3.7	Apt 6	Kitchen/Dining	2.0	8.54	Yes
Duplex 3.7	Apt 6	Living Room	1.5	3.37	Yes
Duplex 3.7	Apt 6	Bedroom 1	1.0	4.91	Yes
Duplex 3.7	Apt 6	Bedroom 2	1.0	7.83	Yes
Duplex 3.7	Apt 6	Bedroom 3	1.0	4.14	Yes
Duplex 3.7	Apt 7	Kitchen/Living	2.0	8.25	Yes
Duplex 3.7	Apt 7	Bedroom 1	1.0	6.00	Yes
Duplex 3.7	Apt 7	Bedroom 2	1.0	6.80	Yes
Duplex 3.7	Apt 7	Bedroom 3	1.0	2.82	Yes

Duplex 3.7	Apt 8	Kitchen/Living	2.0	8.32	Yes
Duplex 3.7	Apt 8	Bedroom 1	1.0	6.03	Yes
Duplex 3.7	Apt 8	Bedroom 2	1.0	6.55	Yes
Duplex 3.7	Apt 8	Bedroom 3	1.0	3.02	Yes
Duplex 3.7	Apt 9	Kitchen/Dining	2.0	8.61	Yes
Duplex 3.7	Apt 9	Living Room	1.5	3.33	Yes
Duplex 3.7	Apt 9	Bedroom 1	1.0	5.16	Yes
Duplex 3.7	Apt 9	Bedroom 2	1.0	7.91	Yes
Duplex 3.7	Apt 9	Bedroom 3	1.0	4.18	Yes
Duplex 3.7	Apt 10	Kitchen/Dining	2.0	8.54	Yes
Duplex 3.7	Apt 10	Living Room	1.5	3.37	Yes
Duplex 3.7	Apt 10	Bedroom 1	1.0	4.90	Yes
Duplex 3.7	Apt 10	Bedroom 2	1.0	7.84	Yes
Duplex 3.7	Apt 10	Bedroom 3	1.0	6.64	Yes
Duplex 3.7	Apt 11	Kitchen/Living	2.0	8.24	Yes
Duplex 3.7	Apt 11	Bedroom 1	1.0	6.01	Yes
Duplex 3.7	Apt 11	Bedroom 2	1.0	6.85	Yes
Duplex 3.7	Apt 11	Bedroom 3	1.0	2.80	Yes
Duplex 3.7	Apt 12	Kitchen/Living	2.0	8.31	Yes
Duplex 3.7	Apt 12	Bedroom 1	1.0	6.02	Yes
Duplex 3.7	Apt 12	Bedroom 2	1.0	6.54	Yes
Duplex 3.7	Apt 12	Bedroom 3	1.0	3.02	Yes
Duplex 3.7	Apt 13	Kitchen/Dining	2.0	8.54	Yes
Duplex 3.7	Apt 13	Living Room	1.5	3.26	Yes
Duplex 3.7	Apt 13	Bedroom 1	1.0	4.91	Yes
Duplex 3.7	Apt 13	Bedroom 2	1.0	7.79	Yes
Duplex 3.7	Apt 13	Bedroom 3	1.0	4.19	Yes
Duplex 3.7	Apt 14	Kitchen/Dining	2.0	8.42	Yes
Duplex 3.7	Apt 14	Living Room	1.5	3.41	Yes
Duplex 3.7	Apt 14	Bedroom 1	1.0	4.92	Yes
Duplex 3.7	Apt 14	Bedroom 2	1.0	7.84	Yes
Duplex 3.7	Apt 14	Bedroom 3	1.0	4.15	Yes
Duplex 3.7	Apt 15	Kitchen/Living	2.0	8.02	Yes
Duplex 3.7	Apt 15	Bedroom 1	1.0	6.02	Yes
Duplex 3.7	Apt 15	Bedroom 2	1.0	6.85	Yes
Duplex 3.7	Apt 15	Bedroom 3	1.0	2.80	Yes
Duplex 3.7	Apt 16	Kitchen/Living	2.0	8.30	Yes
Duplex 3.7	Apt 16	Bedroom 1	1.0	6.03	Yes
Duplex 3.7	Apt 16	Bedroom 2	1.0	6.55	Yes
Duplex 3.7	Apt 16	Bedroom 3	1.0	3.04	Yes

Table 30 - Duplex Block 3.7 ADF Results

Apartment Duplex 3.8 ADF Results					
Block	Unit	Type	ADF Required (%)	ADF Results (%)	BRE Compliance
Duplex 3.8	Apt 1	Living Room	1.5	4.56	Yes
Duplex 3.8	Apt 1	Kitchen/Dining	2.0	9.76	Yes
Duplex 3.8	Apt 1	Bedroom 1	1.0	5.36	Yes
Duplex 3.8	Apt 1	Bedroom 2	1.0	8.36	Yes
Duplex 3.8	Apt 1	Bedroom 3	1.0	4.05	Yes
Duplex 3.8	Apt 2	Living Room	1.5	3.77	Yes
Duplex 3.8	Apt 2	Kitchen/Dining	2.0	8.21	Yes
Duplex 3.8	Apt 2	Bedroom 1	1.0	5.33	Yes
Duplex 3.8	Apt 2	Bedroom 2	1.0	7.69	Yes
Duplex 3.8	Apt 2	Bedroom 3	1.0	3.82	Yes
Duplex 3.8	Apt 3	Kitchen/Living	2.0	10.63	Yes
Duplex 3.8	Apt 3	Bedroom 1	1.0	7.38	Yes
Duplex 3.8	Apt 3	Bedroom 2	1.0	31.68	Yes
Duplex 3.8	Apt 3	Bedroom 3	1.0	3.23	Yes
Duplex 3.8	Apt 4	Kitchen/Living	2.0	8.46	Yes
Duplex 3.8	Apt 4	Bedroom 1	1.0	5.79	Yes
Duplex 3.8	Apt 4	Bedroom 2	1.0	7.97	Yes
Duplex 3.8	Apt 4	Bedroom 3	1.0	3.36	Yes
Duplex 3.8	Apt 5	Living Room	1.5	3.76	Yes
Duplex 3.8	Apt 5	Kitchen/Dining	2.0	8.18	Yes
Duplex 3.8	Apt 5	Bedroom 1	1.0	5.31	Yes
Duplex 3.8	Apt 5	Bedroom 2	1.0	7.59	Yes
Duplex 3.8	Apt 5	Bedroom 3	1.0	4.05	Yes
Duplex 3.8	Apt 6	Kitchen/Dining	2.0	8.21	Yes
Duplex 3.8	Apt 6	Living Room	1.5	3.75	Yes
Duplex 3.8	Apt 6	Bedroom 1	1.0	5.31	Yes
Duplex 3.8	Apt 6	Bedroom 2	1.0	7.66	Yes
Duplex 3.8	Apt 6	Bedroom 3	1.0	3.81	Yes
Duplex 3.8	Apt 7	Kitchen/Living	2.0	8.17	Yes
Duplex 3.8	Apt 7	Bedroom 1	1.0	5.75	Yes
Duplex 3.8	Apt 7	Bedroom 2	1.0	8.13	Yes
Duplex 3.8	Apt 7	Bedroom 3	1.0	3.22	Yes
Duplex 3.8	Apt 8	Kitchen/Dining	2.0	8.45	Yes
Duplex 3.8	Apt 8	Bedroom 1	1.0	5.76	Yes
Duplex 3.8	Apt 8	Bedroom 2	1.0	7.94	Yes
Duplex 3.8	Apt 8	Bedroom 3	1.0	3.36	Yes

Table 31 - Duplex Block 3.8 ADF Results

Apartment Duplex 3.9 ADF Results					
Block	Unit	Type	ADF Required (%)	ADF Results (%)	BRE Compliance
Duplex 3.9	Apt 1	Living Room	1.5	3.69	Yes
Duplex 3.9	Apt 1	Kitchen/Dining	2.0	8.47	Yes
Duplex 3.9	Apt 1	Bedroom 1	1.0	5.16	Yes
Duplex 3.9	Apt 1	Bedroom 2	1.0	7.59	Yes
Duplex 3.9	Apt 1	Bedroom 3	1.0	4.12	Yes
Duplex 3.9	Apt 2	Living Room	1.5	3.66	Yes
Duplex 3.9	Apt 2	Kitchen/Dining	2.0	8.20	Yes
Duplex 3.9	Apt 2	Bedroom 1	1.0	5.14	Yes
Duplex 3.9	Apt 2	Bedroom 2	1.0	7.66	Yes
Duplex 3.9	Apt 2	Bedroom 3	1.0	3.90	Yes
Duplex 3.9	Apt 3	Kitchen/Living	2.0	10.17	Yes
Duplex 3.9	Apt 3	Bedroom 1	1.0	6.01	Yes
Duplex 3.9	Apt 3	Bedroom 2	1.0	7.68	Yes
Duplex 3.9	Apt 3	Bedroom 3	1.0	7.41	Yes
Duplex 3.9	Apt 4	Kitchen/Living	2.0	8.37	Yes
Duplex 3.9	Apt 4	Bedroom 1	1.0	5.92	Yes
Duplex 3.9	Apt 4	Bedroom 2	1.0	7.71	Yes
Duplex 3.9	Apt 4	Bedroom 3	1.0	3.27	Yes
Duplex 3.9	Apt 5	Living Room	1.5	3.91	Yes
Duplex 3.9	Apt 5	Kitchen/Dining	2.0	8.37	Yes
Duplex 3.9	Apt 5	Bedroom 1	1.0	5.46	Yes
Duplex 3.9	Apt 5	Bedroom 2	1.0	7.61	Yes
Duplex 3.9	Apt 5	Bedroom 3	1.0	4.12	Yes
Duplex 3.9	Apt 6	Kitchen/Dining	2.0	10.26	Yes
Duplex 3.9	Apt 6	Living Room	1.5	4.50	Yes
Duplex 3.9	Apt 6	Bedroom 1	1.0	5.26	Yes
Duplex 3.9	Apt 6	Bedroom 2	1.0	8.71	Yes
Duplex 3.9	Apt 6	Bedroom 3	1.0	3.91	Yes
Duplex 3.9	Apt 7	Kitchen/Living	2.0	8.35	Yes
Duplex 3.9	Apt 7	Bedroom 1	1.0	6.00	Yes
Duplex 3.9	Apt 7	Bedroom 2	1.0	7.75	Yes
Duplex 3.9	Apt 7	Bedroom 3	1.0	3.32	Yes
Duplex 3.9	Apt 8	Kitchen/Dining	2.0	8.40	Yes
Duplex 3.9	Apt 8	Bedroom 1	1.0	7.18	Yes
Duplex 3.9	Apt 8	Bedroom 2	1.0	7.81	Yes
Duplex 3.9	Apt 8	Bedroom 3	1.0	3.36	Yes

Table 32 - Duplex Block 3.9 ADF Results

5. Sunlight on the Proposed Amenity Areas and Existing Gardens

BRE Guidelines recommend that for external amenity spaces to appear adequately sunlit throughout the year, at 50% of the garden or amenity space should receive a minimum two hours of sunlight on March 21st.

A sunlight study has been carried out using IES VE SunCast which is based on a model of the entire site, including all proposed building structures and the proposed communal amenity areas. The communal amenity areas and pocket parks are identified in Figure 6 below. The IES model and SunCast simulation was used to assess the sunlight that each of these communal amenity spaces will receive, the results of which are presented in Figures 7 – 10.

5.1 Sunlight on Amenity Areas – Proposed Development

Figures 7 – 10 show the high-resolution grid with 5m² sections to identify the direct sunlight hours for each proposed amenity space. The colour coding transitions from blue (0 hours) to red (12 hours) signifying varying hourly totals of direct sunlight for a particular 5m² section.



Figure 6 – Proposed Communal Amenity Spaces & Pocket Parks indicated in yellow and as indicated in the subject site plan. (Source: CCK Architects)



Figure 7 – Sunlight to Amenity Areas (Northern section) – More than 50% > 2 hours (Source IES VE Suncast)

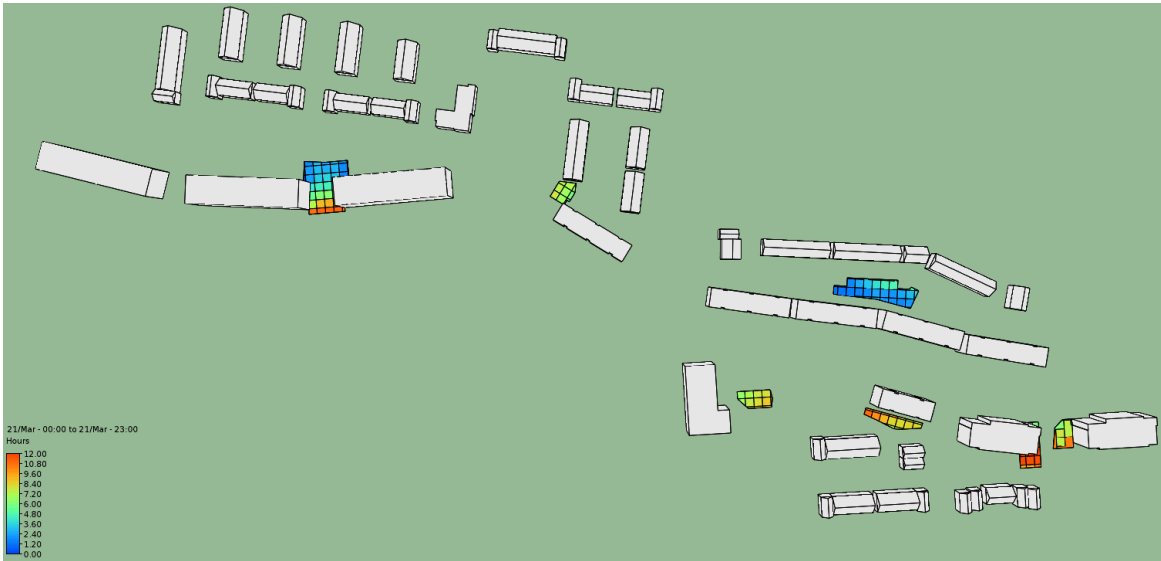


Figure 8 – Sunlight to Amenity Areas (Eastern section) – More than 50% > 2 hours (Source IES VE Suncast)

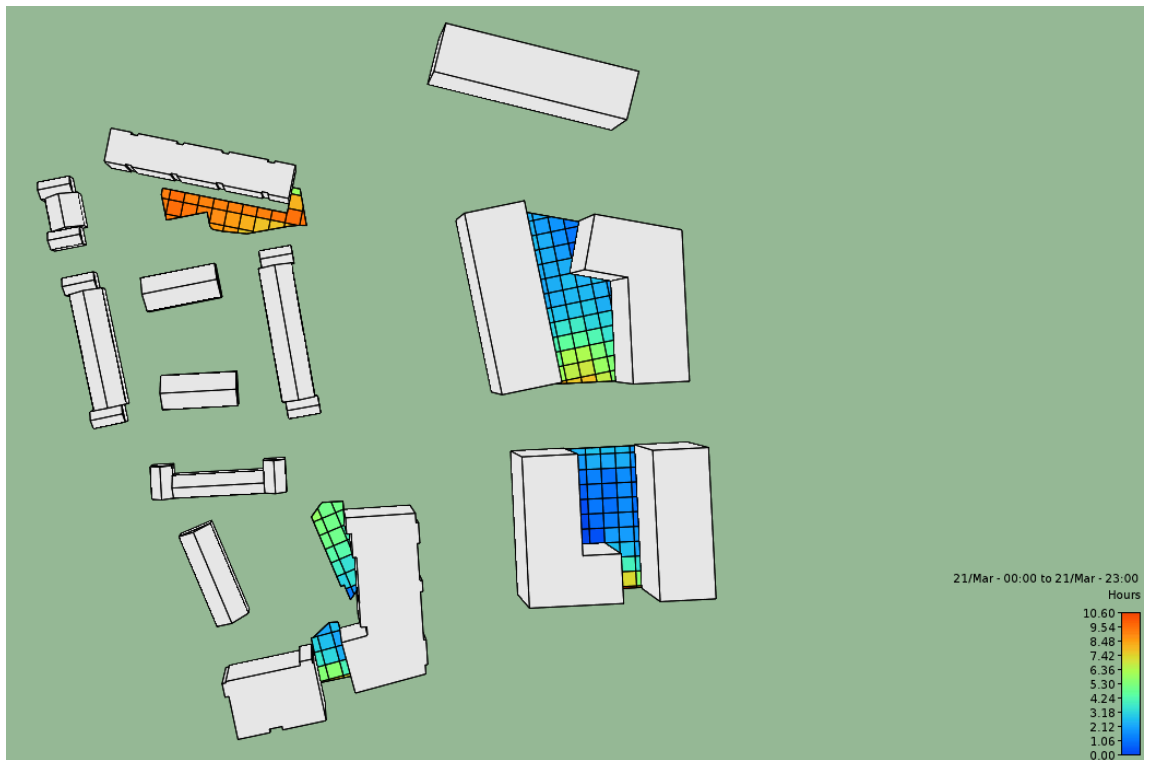


Figure 9 – Sunlight to Amenity Areas (Central section) – More than 50% > 2 hours (Source IES VE Suncast)

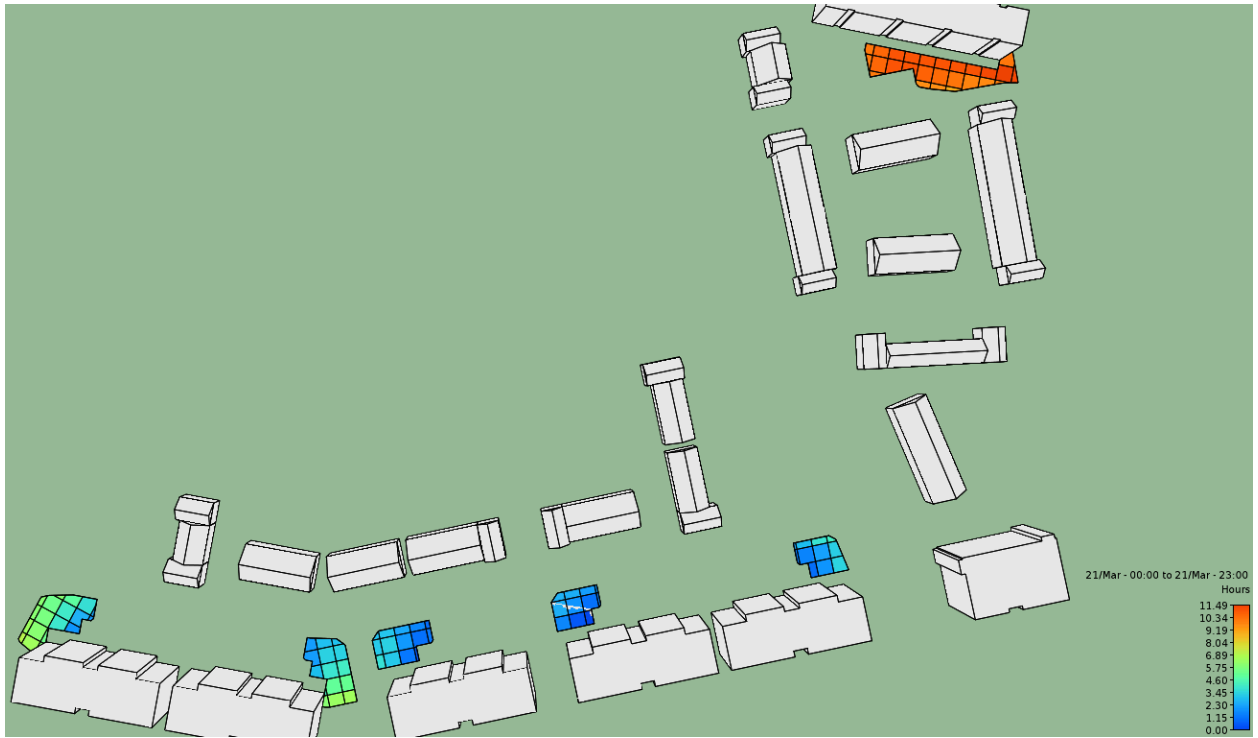


Figure 10 - Sunlight to Amenity Areas (Southern Section) - More than 50% > 2 hours (Source IES VE Suncast)

6. Overshadowing on the Proposed Development & Existing Dwellings

The overshadowing impact within the proposed development has been analysed.

6.1 Proposed Development

The overshadowing images illustrate the impact on the proposed development and adjacent existing dwellings during the Spring Equinox - March 21st (7am to 5pm), Summer Solstice – June 21st (6am to 7pm) and Winter Solstice - December 21st (8am to 4pm).



Figure 11 – Proposed Development & Existing Dwellings Overview (Source IES VE model)



Figure 12 – Overshadowing image on March 21st at 7am (Source IES VE model)



Figure 13 –Overshadowing image on March 21st at 8am (Source IES VE model)

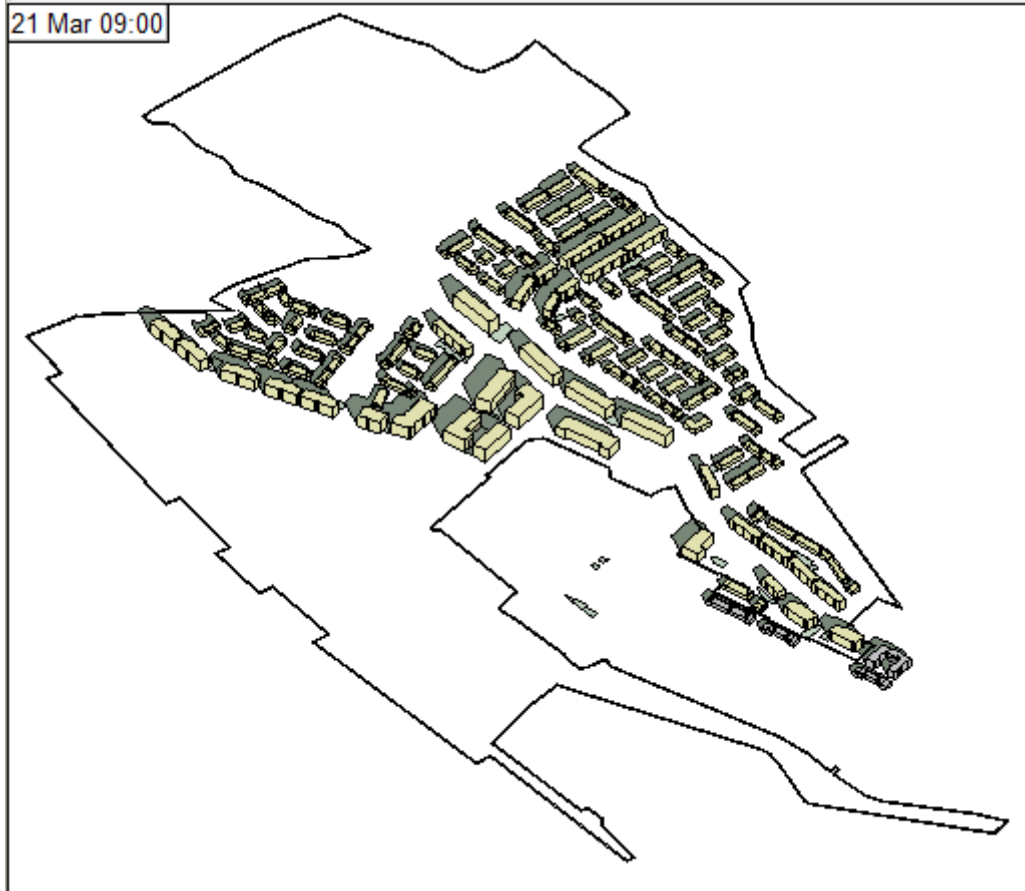


Figure 14 - Overshadowing image on March 21st at 9am (Source IES VE model)

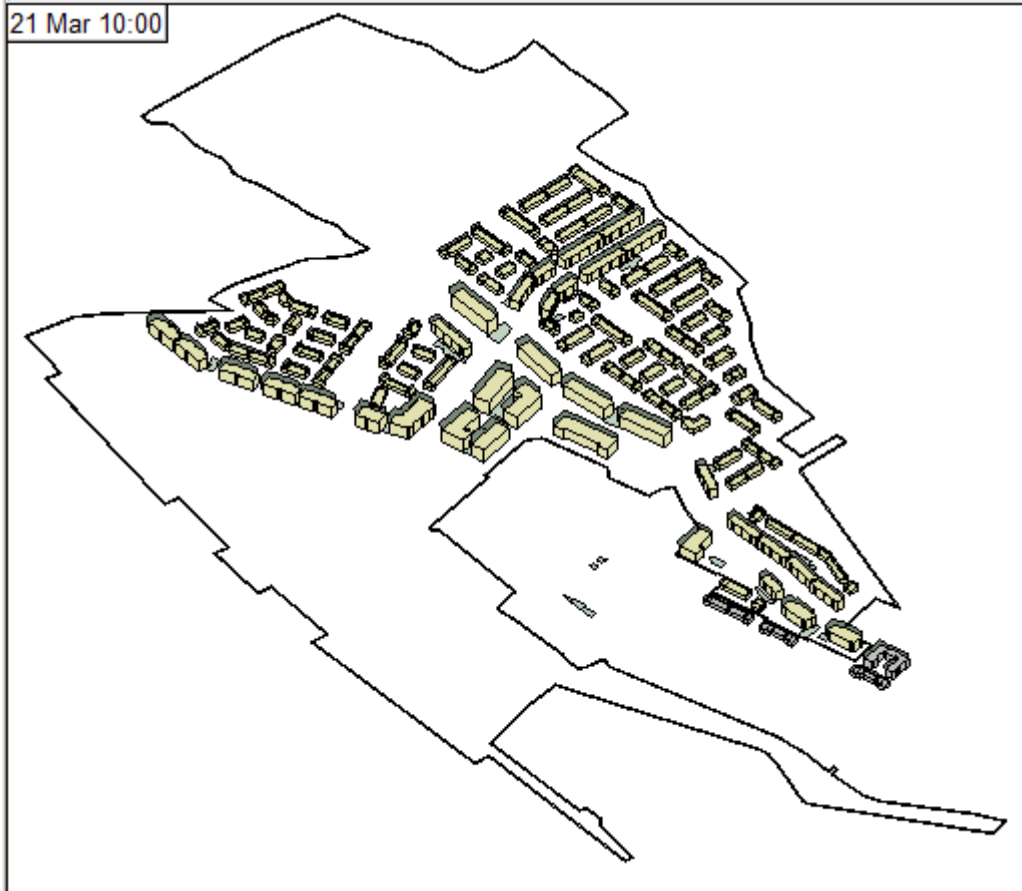


Figure 15 – Overshadowing image on March 21st at 10am (Source IES VE model)

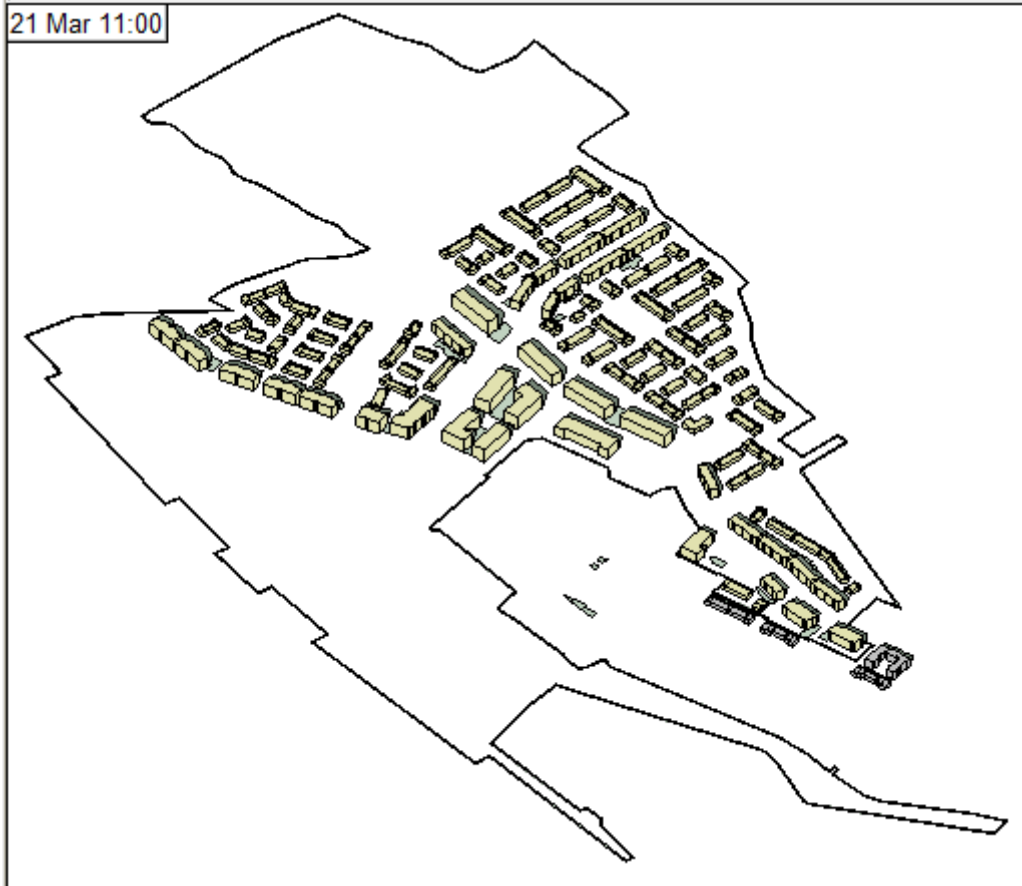


Figure 16 – Overshadowing image on March 21st at 11am (Source IES VE model)

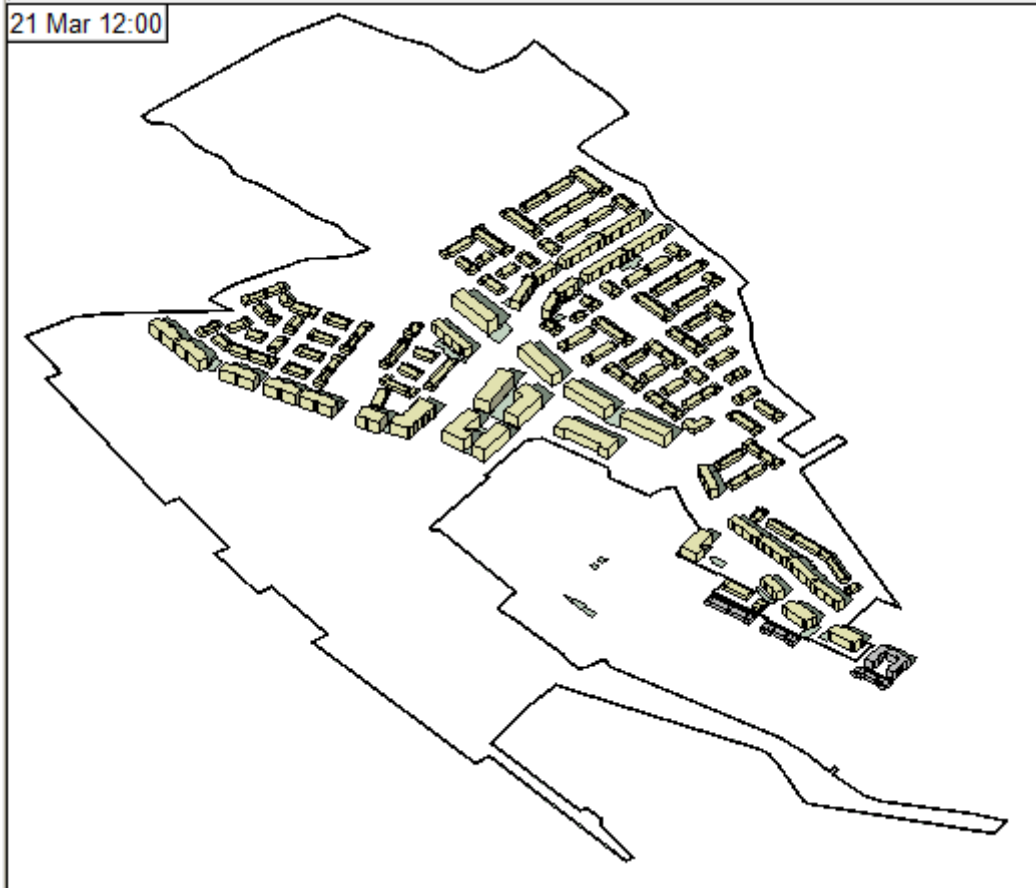


Figure 17 – Overshadowing image on March 21st at 12pm (Source IES VE model)

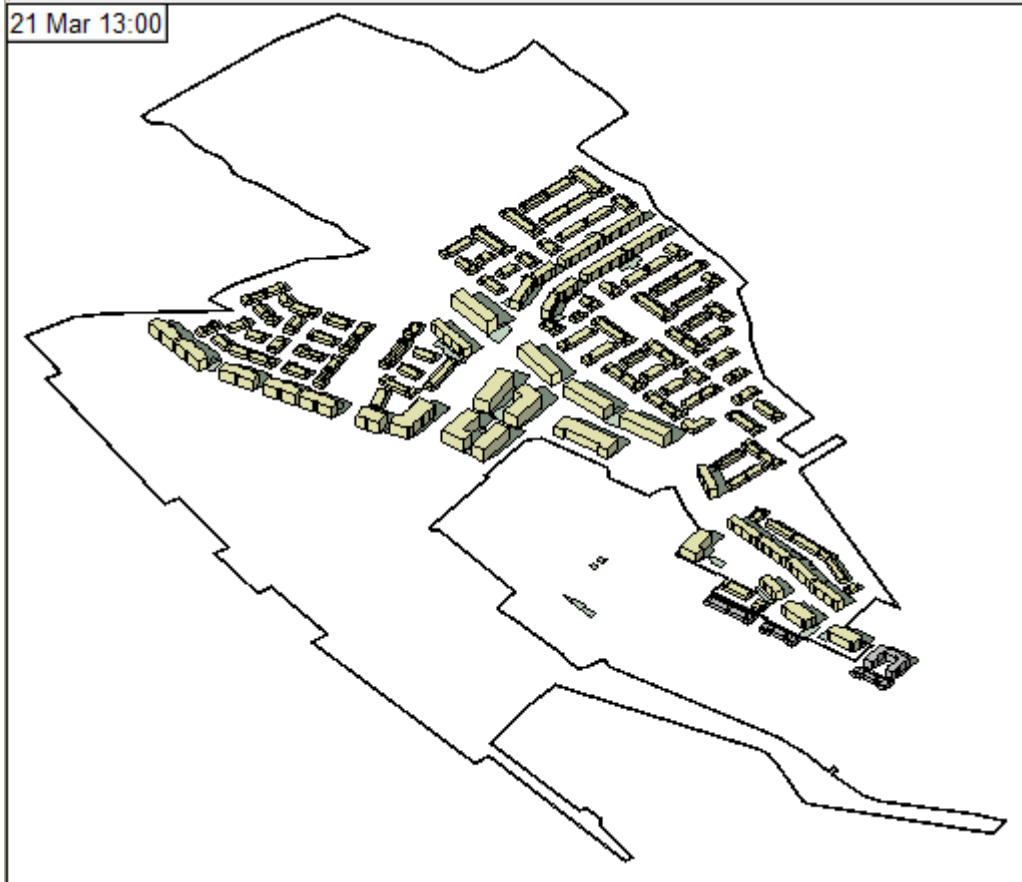


Figure 18 – Overshadowing image on March 21st at 1pm (Source IES VE model)

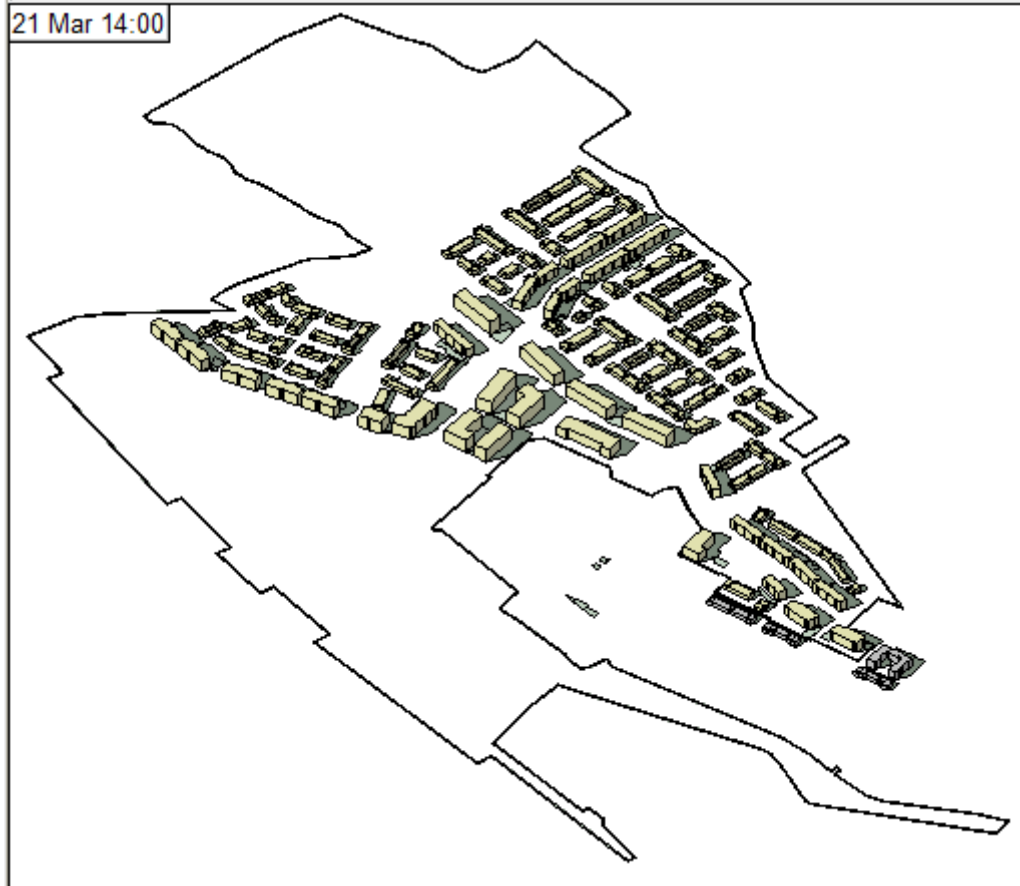


Figure 19 – Overshadowing image on March 21st at 2pm (Source IES VE model)



Figure 20 – Overshadowing image on March 21st at 3pm (Source IES VE model)



Figure 21 – Overshadowing image on March 21st at 4pm (Source IES VE model)



Figure 22 – Overshadowing image on March 21st at 5pm (Source IES VE model)



Figure 23 – Overshadowing image on June 21st at 6am (Source IES VE model)

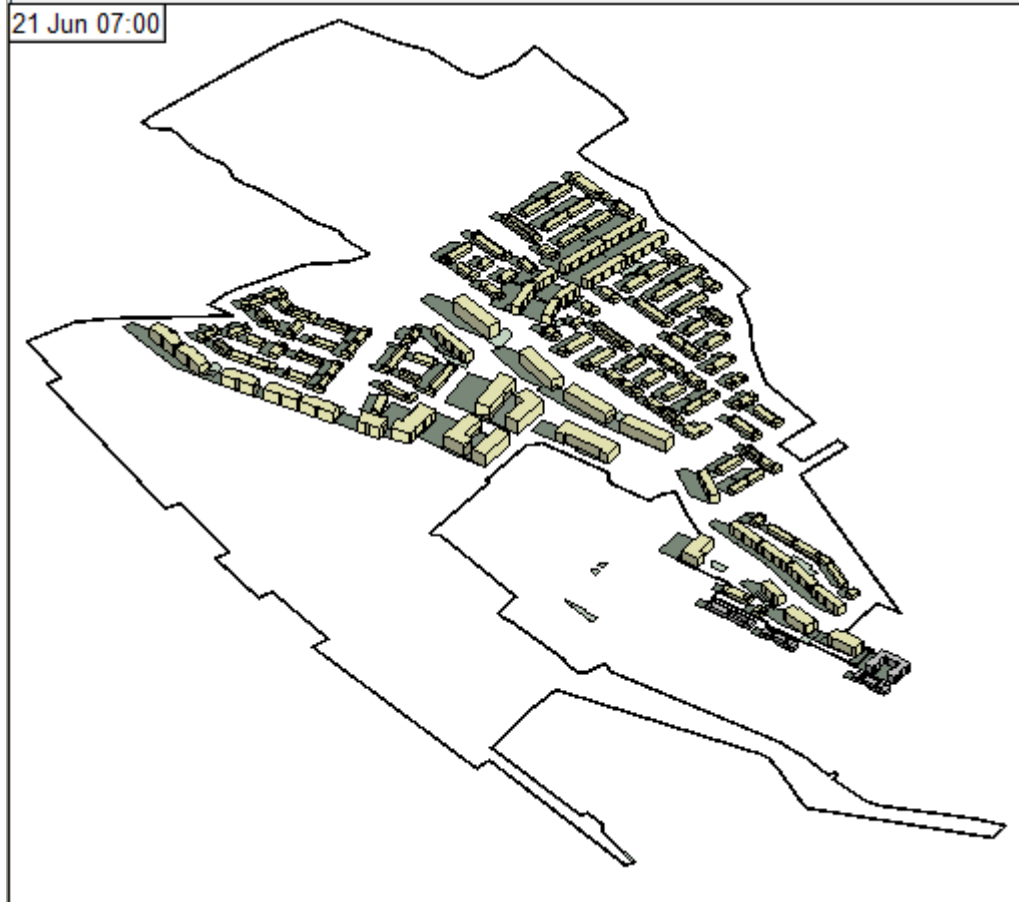


Figure 24 – Overshadowing image on June 21st at 7am (Source IES VE model)

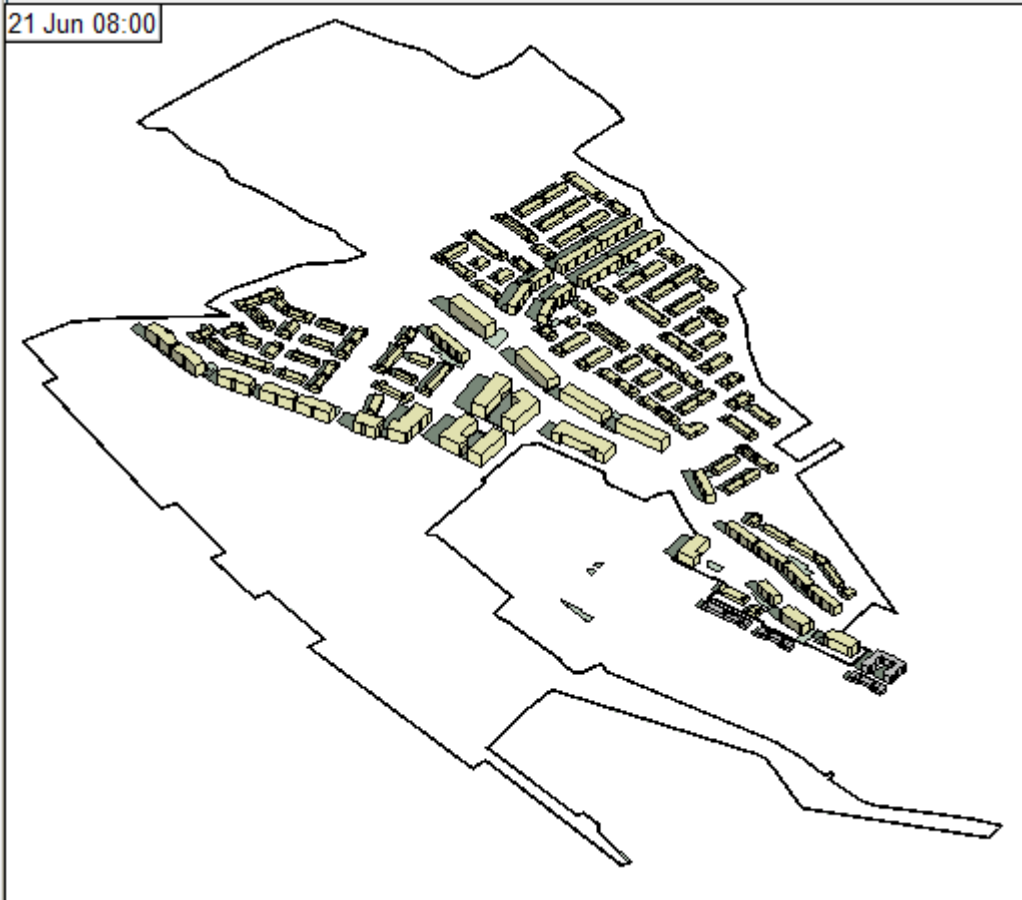


Figure 25 – Overshadowing image on June 21st at 8am (Source IES VE model)

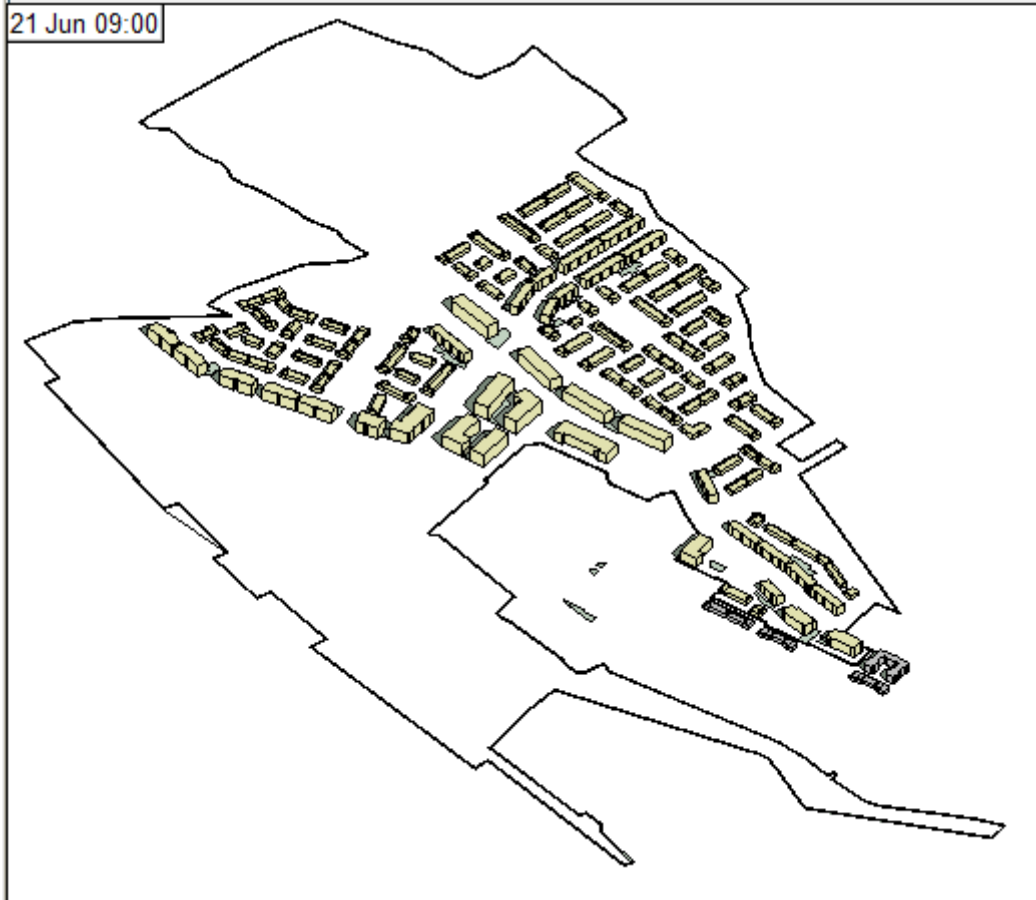


Figure 26 – Overshadowing image on June 21st at 9am (Source IES VE model)

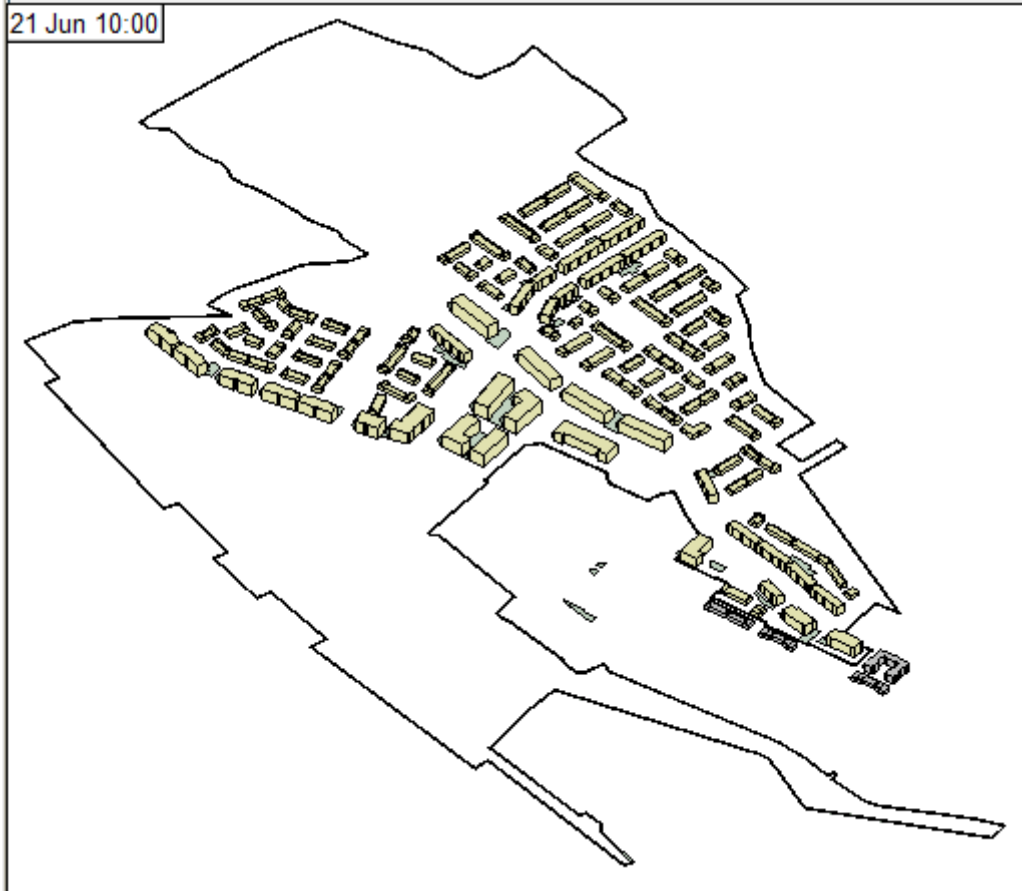


Figure 27 – Overshadowing image on June 21st at 10am (Source IES VE model)

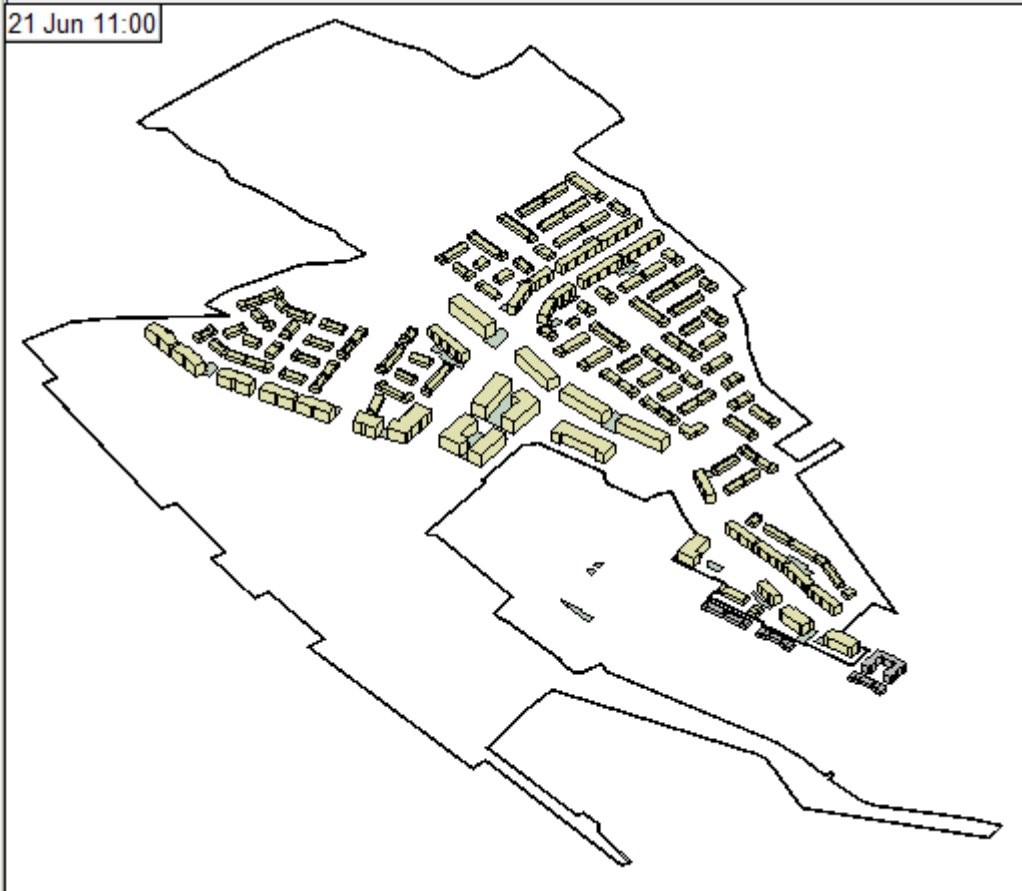


Figure 28 - Overshadowing image on June 21st at 11am (Source IES VE model)

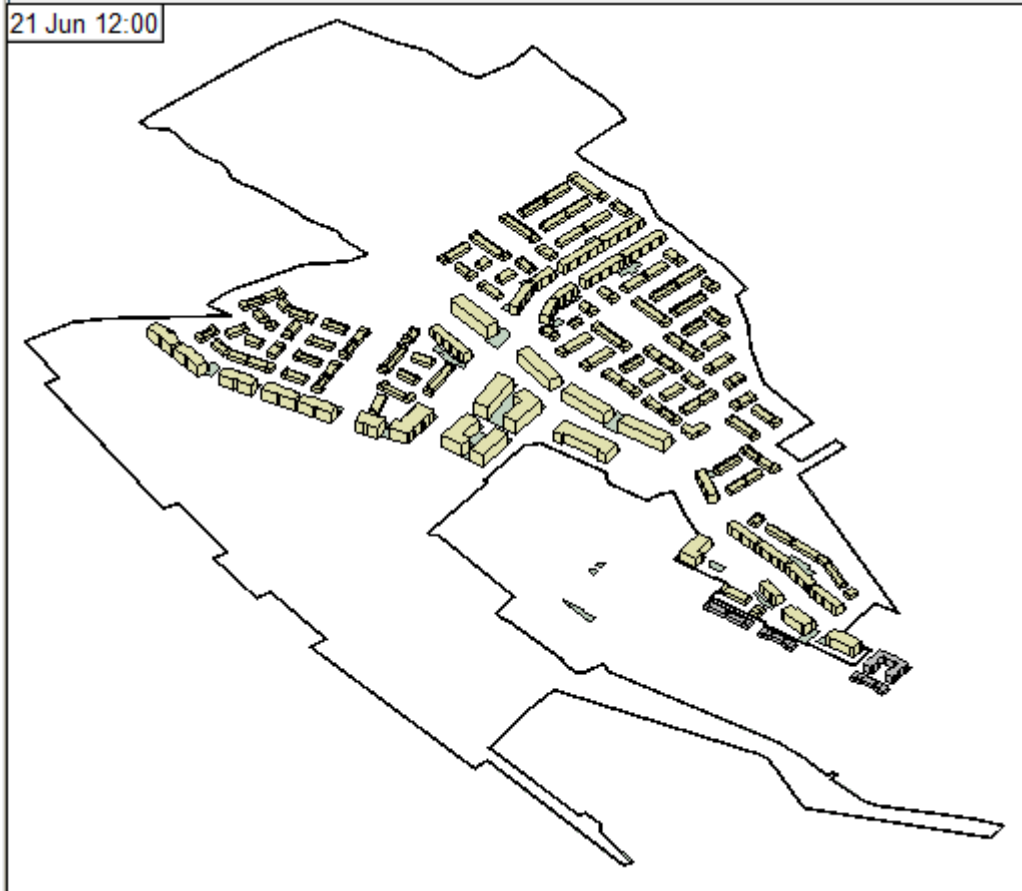


Figure 29 - Overshadowing image on June 21st at 12pm (Source IES VE model)

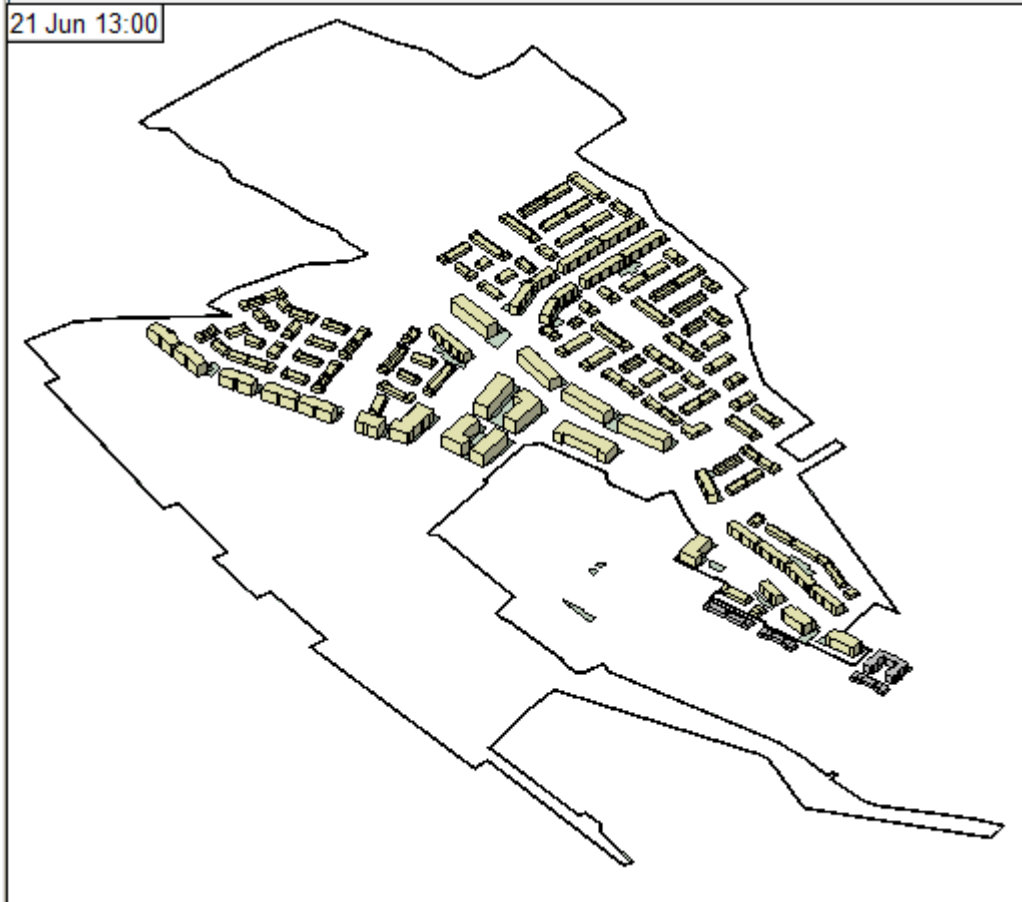


Figure 30 - Overshadowing image on June 21st at 1pm (Source IES VE model)

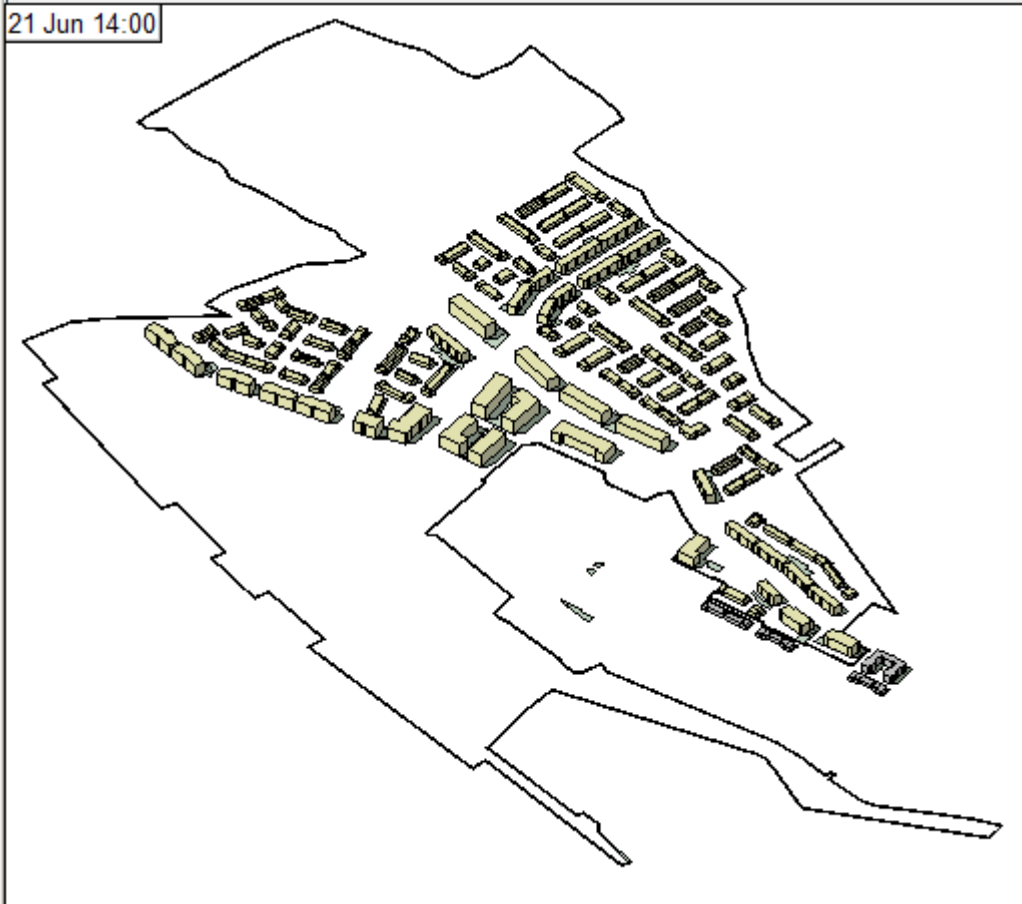


Figure 31 - Overshadowing image on June 21st at 2pm (Source IES VE model)

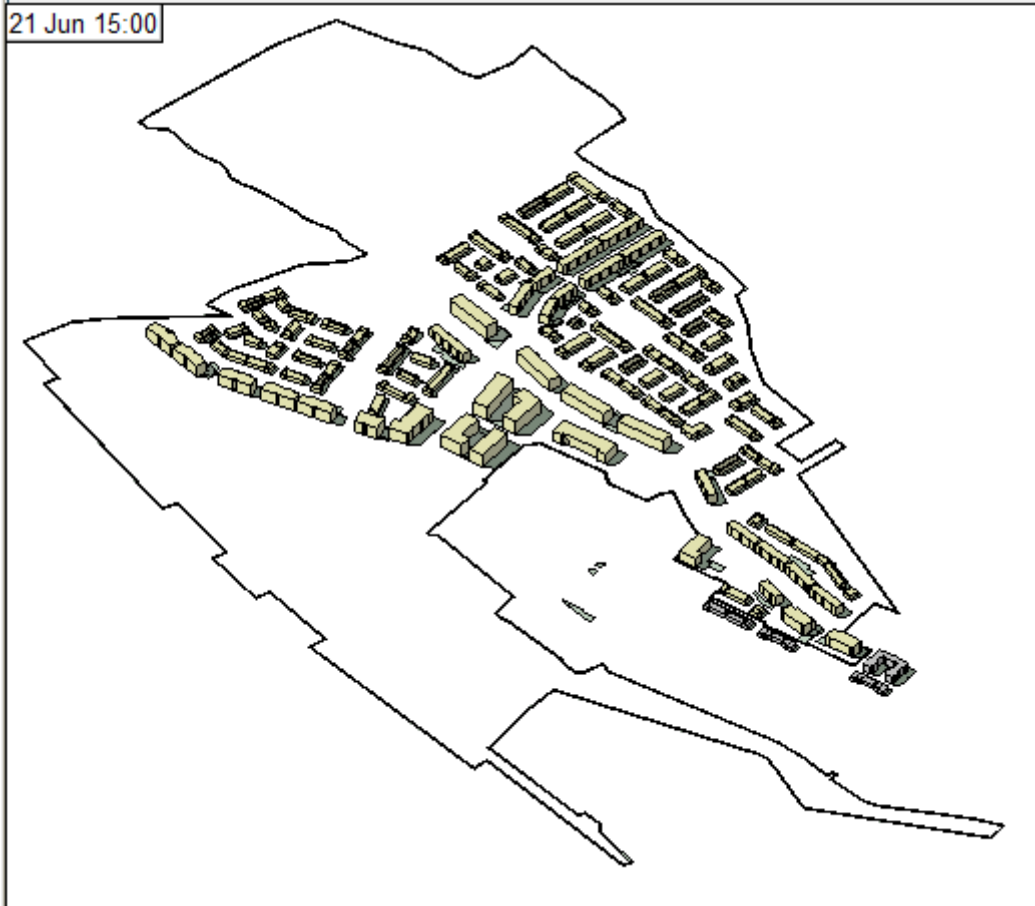


Figure 32 - Overshadowing image on June 21st at 3pm (Source IES VE model)

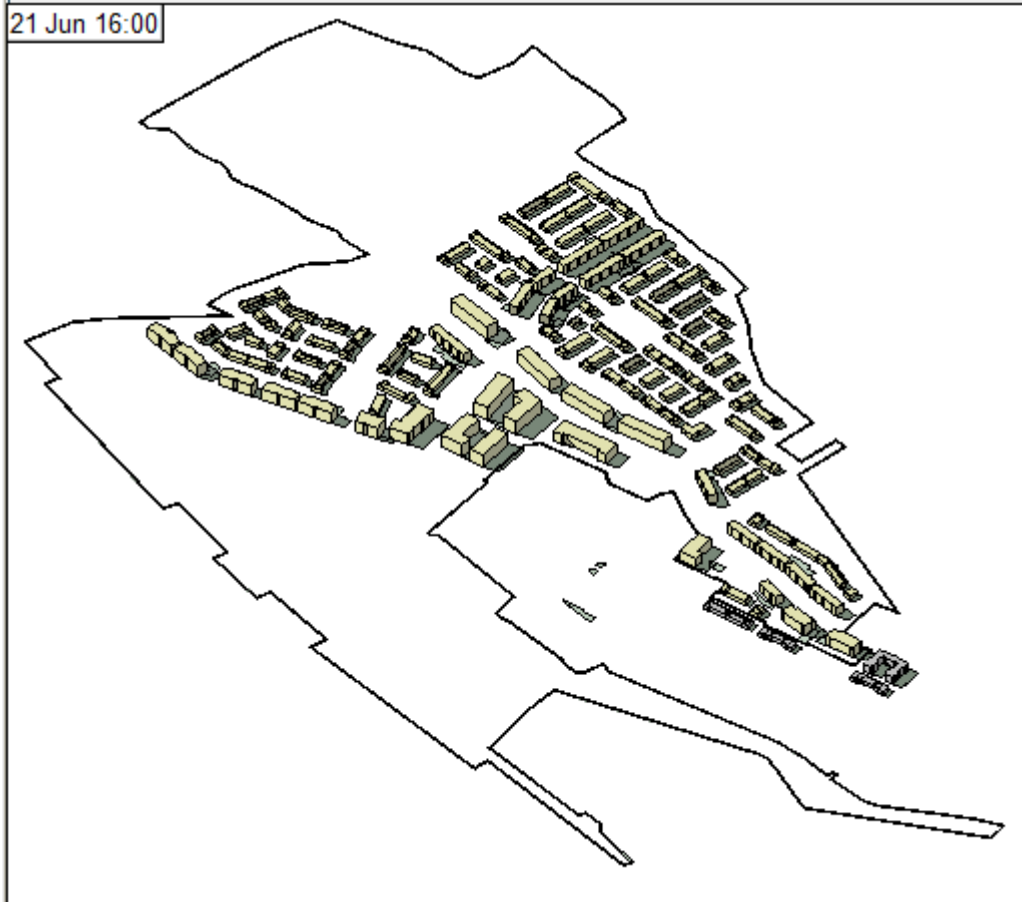


Figure 33 - Overshadowing image on June 21st at 4pm (Source IES VE model)

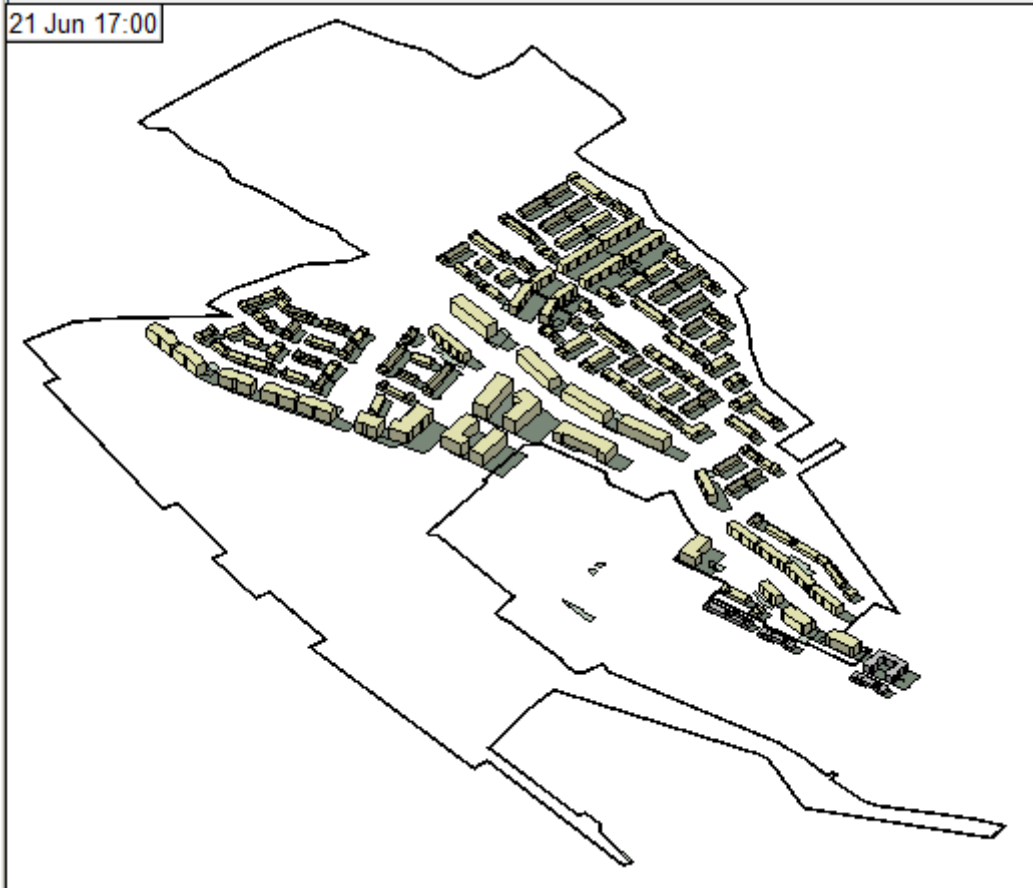


Figure 34 - Overshadowing image on June 21st at 5pm (Source IES VE model)



Figure 35 - Overshadowing image on June 21st at 6pm (Source IES VE model)



Figure 36 - Overshadowing image on June 21st at 7pm (Source IES VE model)

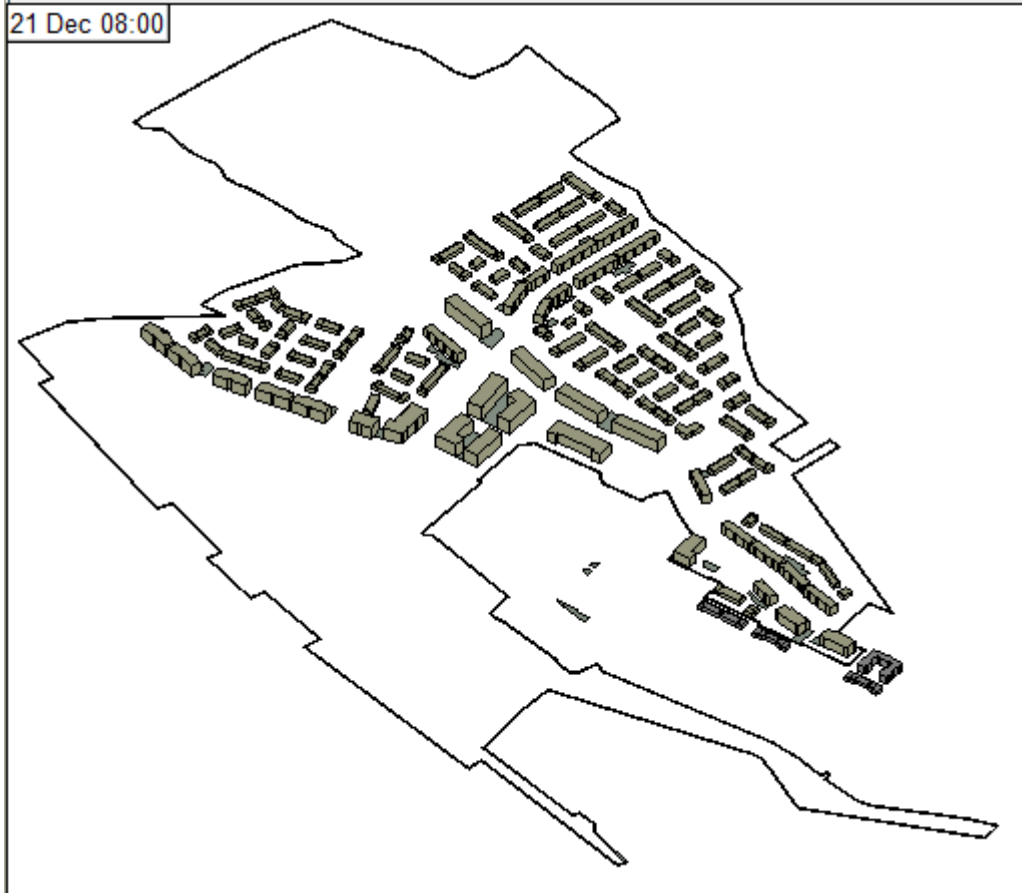


Figure 37 - Overshadowing image on December 21st at 8am (Source IES VE model)



Figure 38 - Overshadowing image on December 21st at 9am (Source IES VE model)



Figure 39 - Overshadowing image on December 21st at 10am (Source IES VE model)



Figure 40 - Overshadowing image on December 21st at 11am (Source IES VE model)



Figure 41 - Overshadowing image on December 21st at 12pm (Source IES VE model)

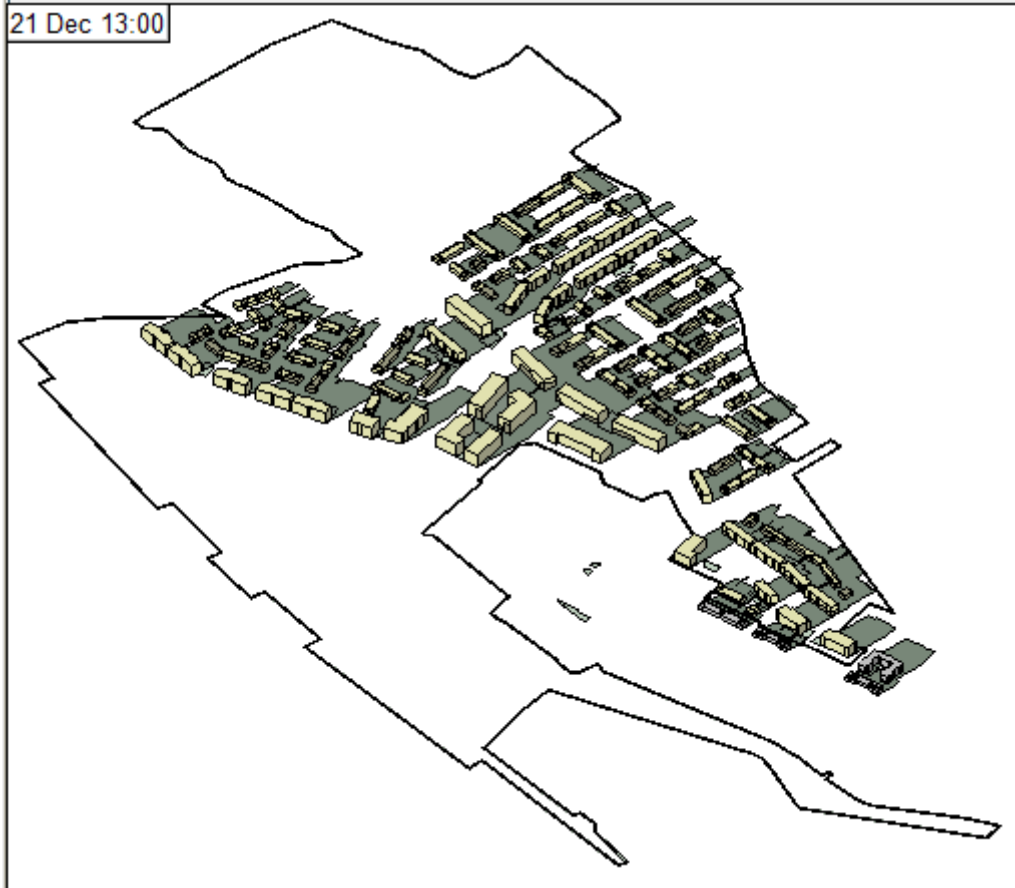


Figure 42 - Overshadowing image on December 21st at 1pm (Source IES VE model)



Figure 43 - Overshadowing image on December 21st at 2pm (Source IES VE model)

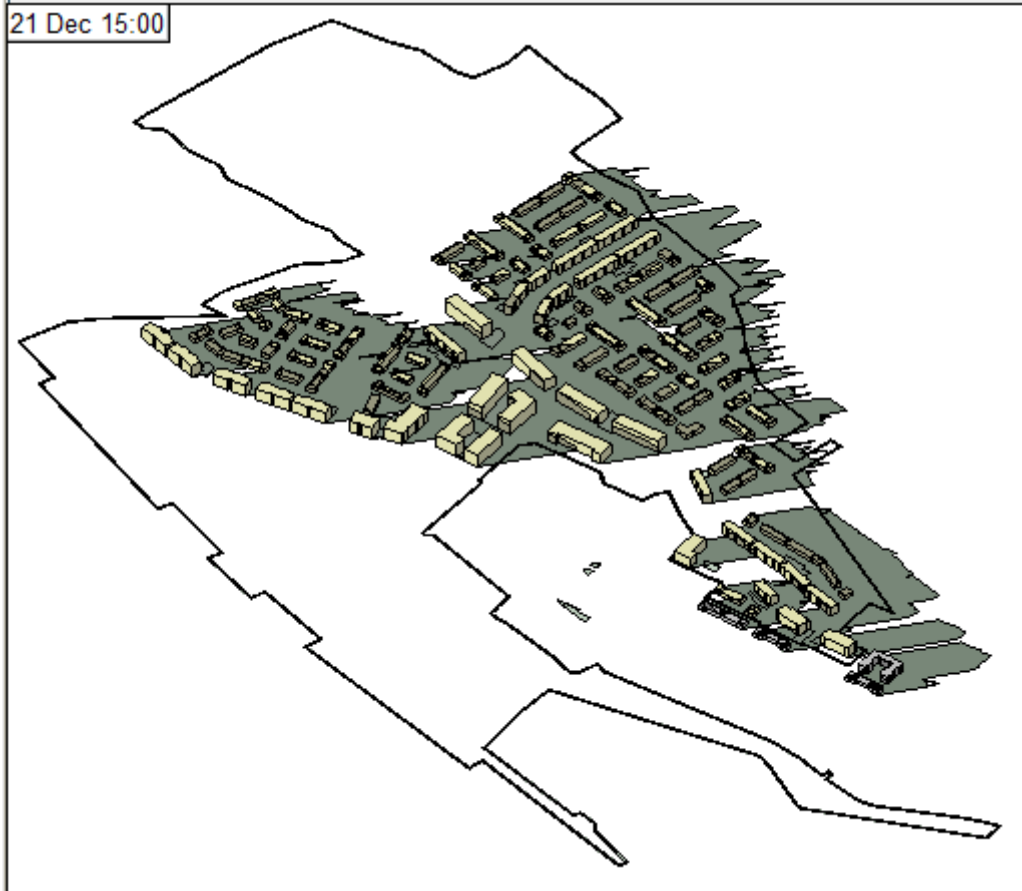


Figure 44 - Overshadowing image on December 21st at 3pm (Source IES VE model)

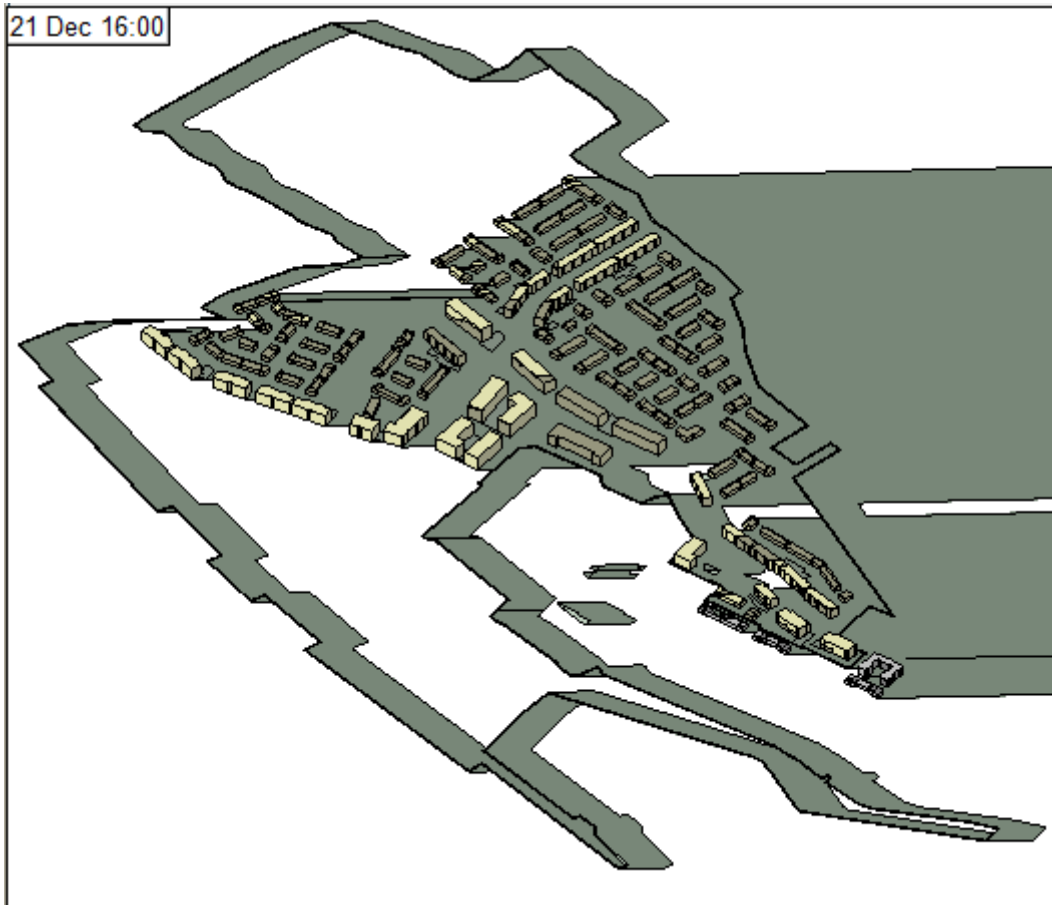


Figure 45 - Overshadowing image on December 21st at 4pm (Source IES VE model)

7. Impact on Adjacent Existing Properties

The BRE guidance report suggests that analyses of the impact of new developments on existing adjacent properties should be considered. In order to assess the potential impacts of a new structure or structures the report identifies a number of conditions that can be assessed, to determine if further detailed numerical daylight analysis is required.

The guidance suggests that if either of the following criteria are met that the development can be deemed to have no discernible impact on the daylight levels of the existing building.

- If the distance of each part of the new development is three or more times greater than its height above the midpoint of the of a window in the existing property or
- If the angle from the horizontal between the mid pane of a window of the existing dwelling and the highest point of the new structure is less than 25 degrees

7.1 Vertical Sky Component (VSC)

The VSC assessment for each existing dwelling and the impact of the proposed development was carried out. All selected windows (receptors) show compliance with the VSC method by achieving $\geq 80\%$ of its former value, therefore no further impact will be perceived over the permitted development.

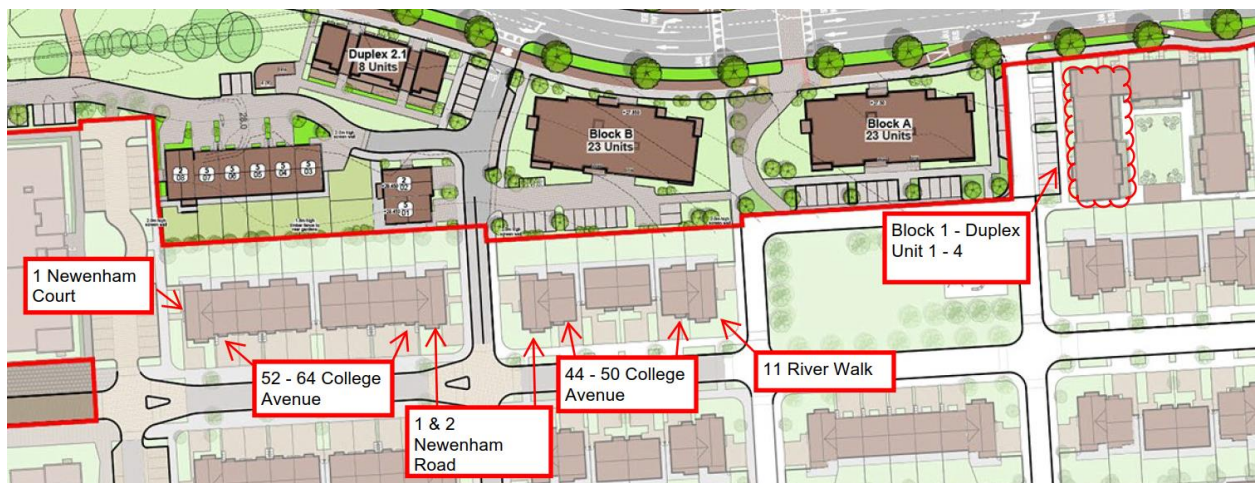


Figure 46 - Proposed Subject Site Southern Boundary & Adjacent Existing Properties

Property	IES Receptor Index Reference	VSC of Receptor		Impact of Proposed development on baseline VSC (Target <20%)	Meets BRE Guidelines
		Baseline	Proposed		
1 Newenham Court	1	37.43%	36.94%	1.32%	Yes
	2	38.94%	38.04%	2.36%	Yes
66 College Avenue	3	39.80%	39.01%	2.03%	Yes
	4	38.72%	38.24%	1.25%	Yes
64 College Avenue	5	39.45%	38.99%	1.17%	Yes
	6	38.34%	38.01%	0.86%	Yes
62 College Avenue	7	39.42%	38.56%	2.23%	Yes
	8	38.25%	37.86%	1.03%	Yes
60 College Avenue	9	39.57%	38.82%	1.93%	Yes
	10	38.34%	37.99%	0.92%	Yes
58 College Avenue	11	39.63%	38.72%	2.35%	Yes
	12	38.49%	37.96%	1.39%	Yes
56 College Avenue	13	39.68%	38.73%	2.45%	Yes
	14	38.51%	38.11%	1.05%	Yes
54 College Avenue	15	39.92%	39.13%	2.02%	Yes
	16	38.67%	38.15%	1.36%	Yes
52 College Avenue	17	39.98%	39.01%	2.48%	Yes
	18	38.72%	37.92%	2.11%	Yes
1 Newenham Road	19	39.56%	38.42%	2.96%	Yes
	20	38.13%	37.56	1.51%	Yes
2 Newenham Road	21	39.68%	38.24%	3.76%	Yes
	22	38.36%	37.68%	1.80%	Yes
50 College Avenue	23	39.88%	38.13%	4.59%	Yes
	24	38.41%	37.12%	3.47%	Yes

48 College Avenue	25	39.91%	38.14%	4.64%	Yes
	26	38.45%	37.33%	3.00%	Yes
46 College Avenue	27	39.65%	37.95%	4.48%	Yes
	28	38.98%	38.15%	2.16%	Yes
44 College Avenue	29	39.72%	37.93%	4.72%	Yes
	30	38.85%	37.68%	3.10%	Yes
11 River Walk	31	39.56%	38.25%	3.43%	Yes
	32	38.92%	38.09%	2.17%	Yes
Block 1 (Duplex 1)	33	39.76%	37.53%	5.94%	Yes
	34	39.89%	38.71%	3.05%	Yes
Block 1 (Duplex 2)	35	39.72%	37.45%	6.06%	Yes
	36	39.91%	38.63%	3.13%	Yes
Block 1 (Duplex 3)	37	39.88%	37.66%	5.89%	Yes
	38	39.93%	38.72%	3.13%	Yes
Block 1 (Duplex 4)	39	39.70%	37.41%	6.12%	Yes
	40	39.43%	38.61%	2.13%	Yes

Table 33 - Vertical Sky Component Results (Existing Properties)

7.2 Annual Probable Sunlight Hours (APSH)

The APSH assessment measures the impact of the proposed development may have existing adjacent dwellings. Table 19 identifies three existing dwellings along the southern boundary of the subject site and assessed the APSH prior to the development and the subsequent impact of the development.

If the existing dwellings receive more than 25% of APSH, including at least 5% of APSH in the winter months, then the dwelling is perceived to have adequate should sunlight.

The BRE Site Layout Planning for Daylight and Sunlight states “3.1.11 The BS 8206-2 criterion applies to rooms of all orientations, although if a room faces significantly north of due east of west it is unlikely to be met.”

When measuring the effect, a proposed development will have on the APSH of an existing window, the APSH value should not drop below the absolute values of 25% annually or winter 5% during winter

months. If the available sunlight the available sunlight hours are both less than the annual and winter BRE guidelines and less than 0.8 times their former value then the occupants of the existing dwelling will notice a loss of sunlight or if the overall annual loss is greater than 4% of ASPH, the room may appear colder and less pleasant.

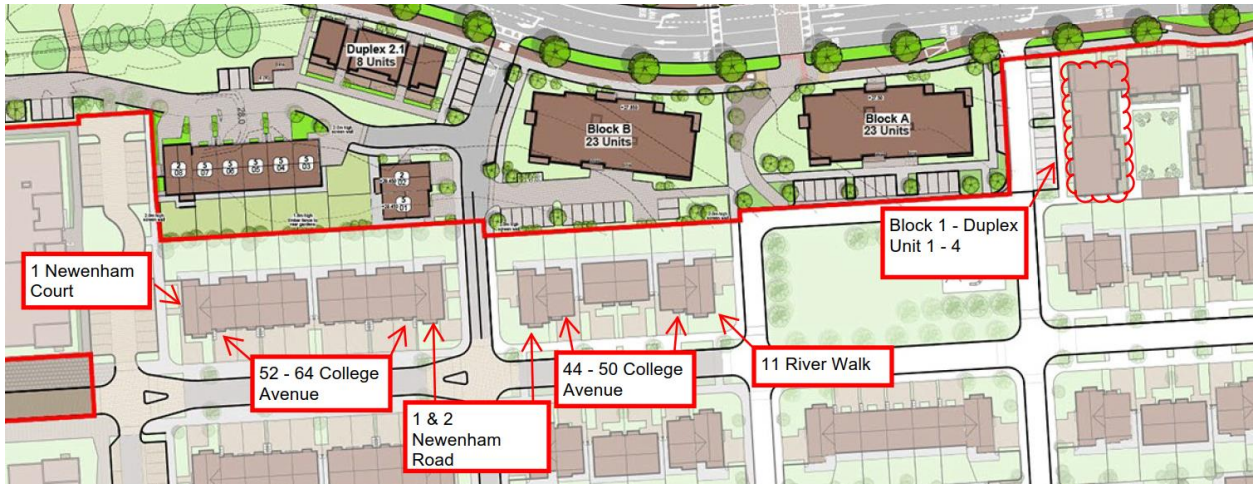


Figure 47 - Proposed Subject Site Southern Boundary & Adjacent Existing Properties

Property	IES Receptor	APSH of Receptor				Impact of Proposed Development on existing ASPH (Target <25%)	
		Annual APSH (Target >25%)		Winter APSH (Target <5%)			
		Baseline	Proposed	Baseline	Propose	Annual	Winter
1 Newenham Court	1	13.21%	12.35%	0.00%	0.00%	6.95%	0.00%
	2	12.28%	11.30%	0.00%	0.00%	8.70%	0.00%
66 College Avenue	3	13.33%	12.28%	0.00%	0.00%	8.58%	0.00%
	4	12.45%	11.22%	0.00%	0.00%	10.99%	0.00%
64 College Avenue	5	13.48%	12.54%	0.00%	0.00%	7.53%	0.00%
	6	12.51%	12.01%	0.00%	0.00%	4.17%	0.00%
62 College Avenue	8	13.44%	12.77%	0.00%	0.00%	5.26%	0.00%
	9	12.48%	11.62%	0.00%	0.00%	7.41%	0.00%

60 College Avenue	10	13.49%	12.14%	0.00%	0.00%	11.11%	0.00%
	11	12.42%	11.92%	0.00%	0.00%	4.17%	0.00%
58 College Avenue	12	13.51%	12.70%	0.00%	0.00%	6.38%	0.00%
	13	12.43%	11.31%	0.00%	0.00%	9.89%	0.00%
56 College Avenue	14	13.58%	12.63%	0.00%	0.00%	7.53%	0.00%
	15	12.49%	11.87%	0.00%	0.00%	5.26%	0.00%
54 College Avenue	16	13.63%	13.08%	0.00%	0.00%	4.17%	0.00%
	17	12.52%	11.64%	0.00%	0.00%	7.53%	0.00%
52 College Avenue	18	13.59%	12.50%	0.00%	0.00%	8.70%	0.00%
	19	12.49%	11.80%	0.00%	0.00%	5.82%	0.00%
1 Newenham Road	20	13.61%	12.52%	0.00%	0.00%	8.70%	0.00%
	21	12.48%	11.36%	0.00%	0.00%	9.89%	0.00%
2 Newenham Road	22	13.67%	12.59%	0.00%	0.00%	8.58%	0.00%
	23	12.53%	11.65%	0.00%	0.00%	7.53%	0.00%
50 College Avenue	24	13.65%	12.83%	0.00%	0.00%	6.38%	0.00%
	25	12.49%	11.62%	0.00%	0.00%	7.53%	0.00%
48 College Avenue	26	13.69%	13.01%	0.00%	0.00%	5.26%	0.00%
	27	12.52%	12.14%	0.00%	0.00%	3.09%	0.00%
46 College Avenue	28	13.53%	13.21%	0.00%	0.00%	2.46%	0.00%
	29	12.41%	12.16%	0.00%	0.00%	2.04%	0.00%
44 College Avenue	30	13.56%	13.15%	0.00%	0.00%	3.09%	0.00%
	31	12.43%	11.93%	0.00%	0.00%	4.17%	0.00%
11 River Walk	32	13.71%	12.89%	0.00%	0.00%	6.38%	0.00%
	33	12.58%	11.95%	0.00%	0.00%	5.26%	0.00%
Block 1 (Duplex 1)	34	28.91%	27.75%	6.78%	6.66%	4.17%	3.41%
	35	28.88%	27.15%	6.65%	6.54%	6.38%	4.38%

Block 1 (Duplex 2)	36	28.77%	27.62%	6.68%	6.57%	4.17%	6.38%
	37	28.68%	27.25%	6.53%	6.42	5.26%	7.07%
Block 1 (Duplex 3)	38	28.79%	27.93%	6.72%	6.61%	3.09%	4.60%
	39	28.71%	27.27%	6.59%	6.48%	5.26%	3.41%
Block 1 (Duplex 4)	40	28.84%		6.78%			
	41	28.78%	26.82	6.61%	6.66%	7.53%	2.25%
			27.63%		6.50%	4.17	2.35%

Table 34 - Annual Probable Sunlight Hours Results (Existing Properties)

8. Results & Conclusions

Average Daylight Factor – Proposed Development

The average daylight analysis for the proposed the development evaluated the living/kitchen/dining space and bedrooms across all apartment blocks A, B, C, D, F, G, H, J, L, M, N & P and duplex blocks 1, 2 & 3.

The results of the ADF analysis demonstrate the following:

- Combined living/kitchen/dining areas across the scheme demonstrate levels of daylight above the BRE recommended 2% average daylight factor with 100% of the kitchen/living/dining spaces achieving compliance.
- The living areas across the scheme demonstrate levels of daylight above the BRE recommended 1.5% average daylight factor with 100% of the living spaces achieving compliance
- The bedrooms across the entire scheme demonstrate levels of daylight above the BRE recommended 1% average daylight factor with 100% of the bedrooms achieving compliance.
- Overall, across the scheme, 100% of the spaces analysed demonstrate compliance with the BRE daylighting levels.

Sunlight to Proposed Communal Spaces & Pocket Parks

The results of the sunlight analysis to the communal amenity areas and pocket parks are as follows.

- The communal amenity areas demonstrate levels of sunlight above the recommend 2 hours over 50% of the area on the design test day 21st March. The communal amenity area between blocks F1 and F2 were deemed to be the worst performing space due to communal area enclosure within each apartment block and due to shading on three sides, however these spaces are shown to be fully compliant with the BRE requirements of more than 50% sunlight > 2 hours on March 21st.
- All other communal amenity areas and pocket parks identified receive significantly more direct sunlight due to their positioning within the development and less obtrusive shading from surrounding apartment blocks.

Overshadowing impact on the proposed development & existing properties

- . The overshadowing analysis of the proposed properties illustrates the various shadows cast at four key dates (March 21st, June 21st and December 21st) and the impact the proposed development may have on these properties at particular times of the day illustrated in Figures 12 to 45.
- The overall shadowing analysis identifies negligible impact on the properties in the proposed development.

Impact on surrounding properties

The Visible Sky Component (VSC) and Annual Probable Sunlight Hours (APSH) analysis that was completed for three existing properties adjacent to the subject site demonstrate full compliance with the BRE guidance.

- The VSC analysis demonstrates that the proposed development has no significant daylight impact to existing adjacent dwellings.
- The APSH analysis demonstrates that the loss of sunlight will not be noticeable as both the annual and winter results (when modelled with the proposed development included) will meet the recommended BRE Guidelines.

A. Appendix

Figures 48 to 106 below provide visual representations using IES VE Radiance of daylight factor mapping for kitchen/Living/Dining and bedrooms A, B, C, D, F, G, H, J, L, M, N & P.

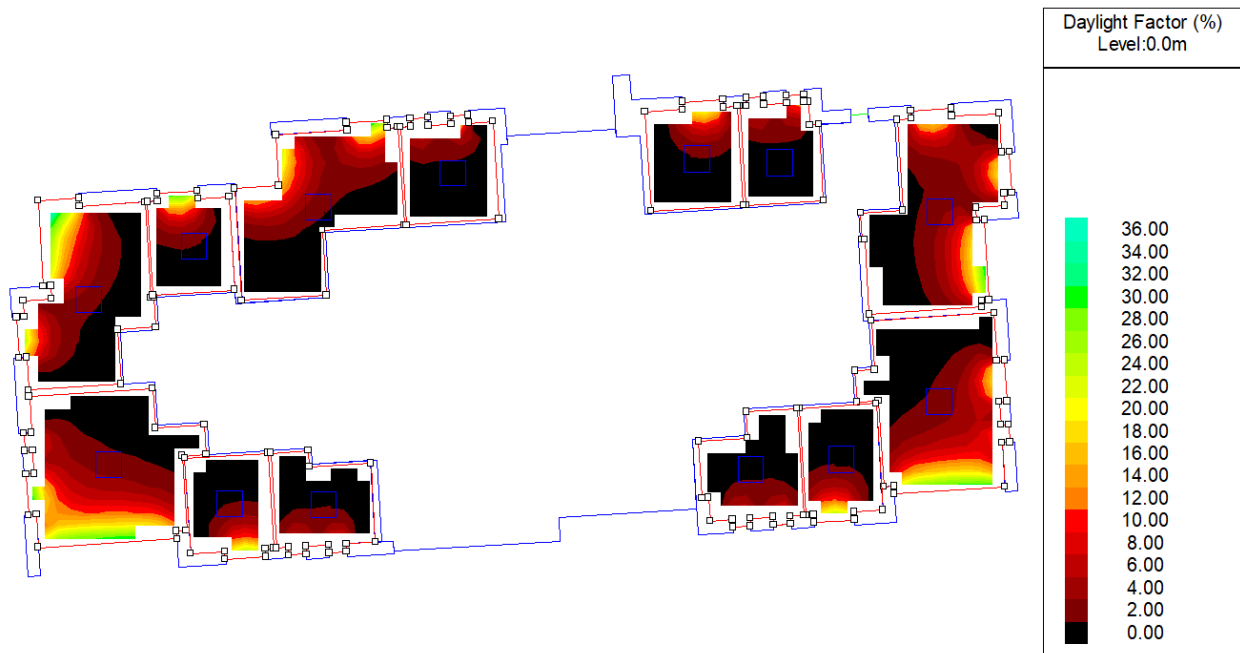


Figure 48 – Apartment Block A Ground Floor Daylight Factor Mapping

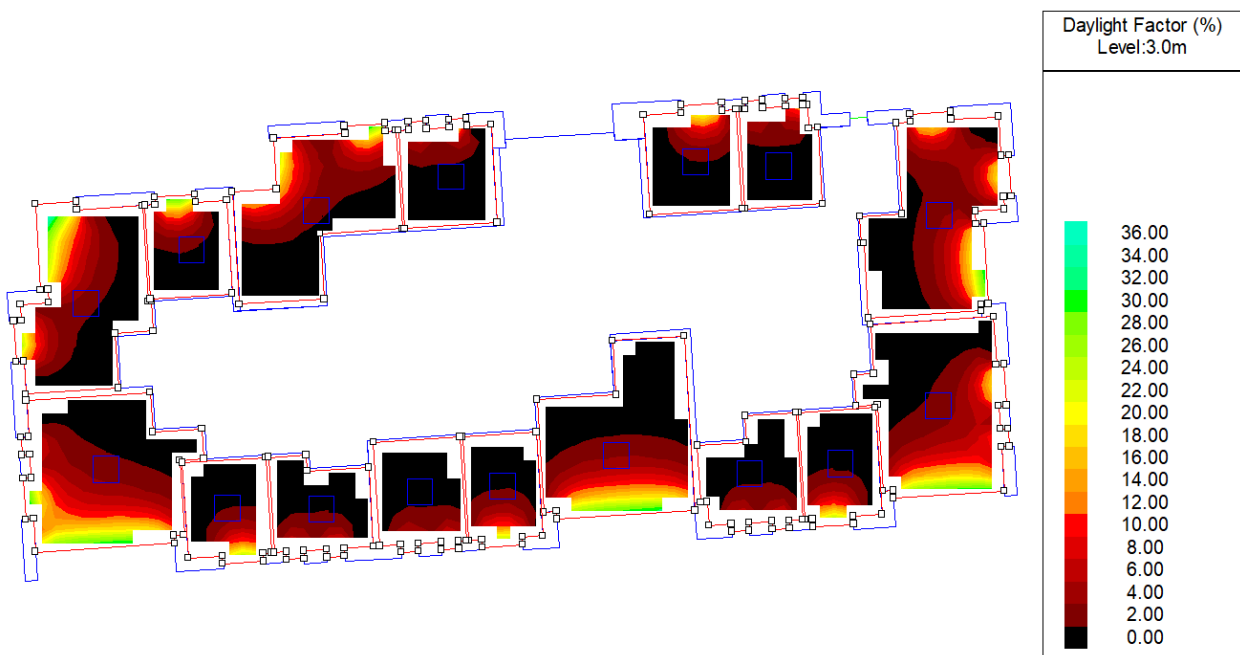


Figure 49 – Apartment Block A First Floor Daylight Factor Mapping

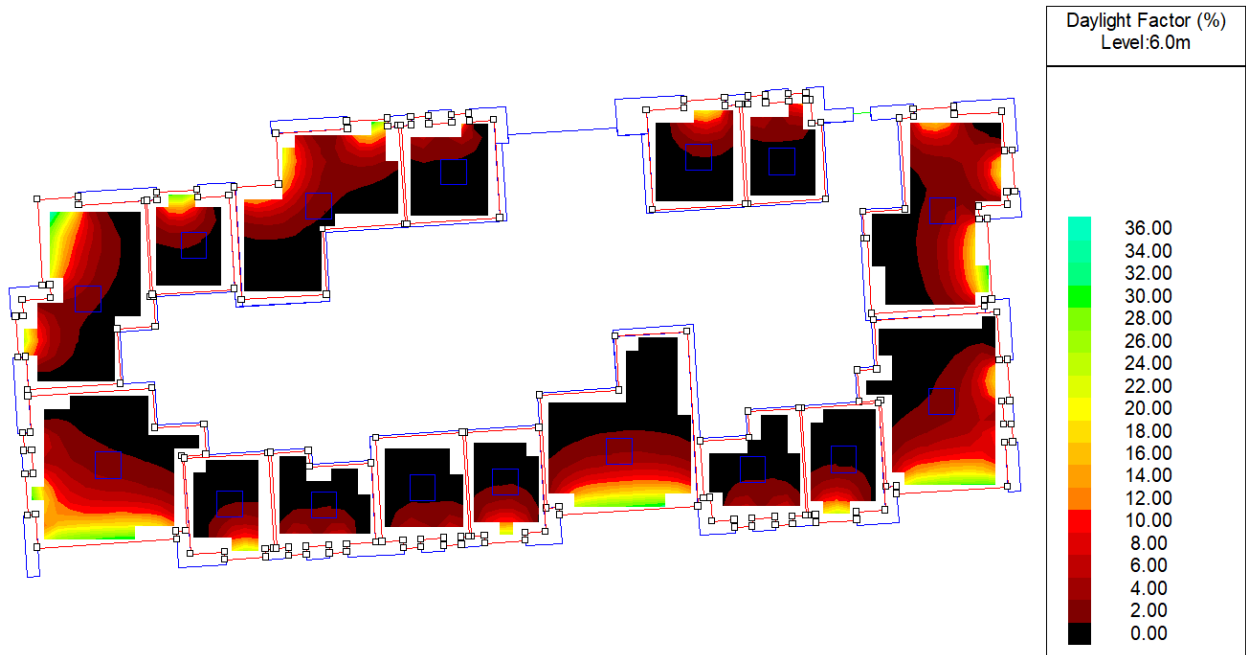


Figure 50 – Apartment Block A Second Floor Daylight Factor Mapping

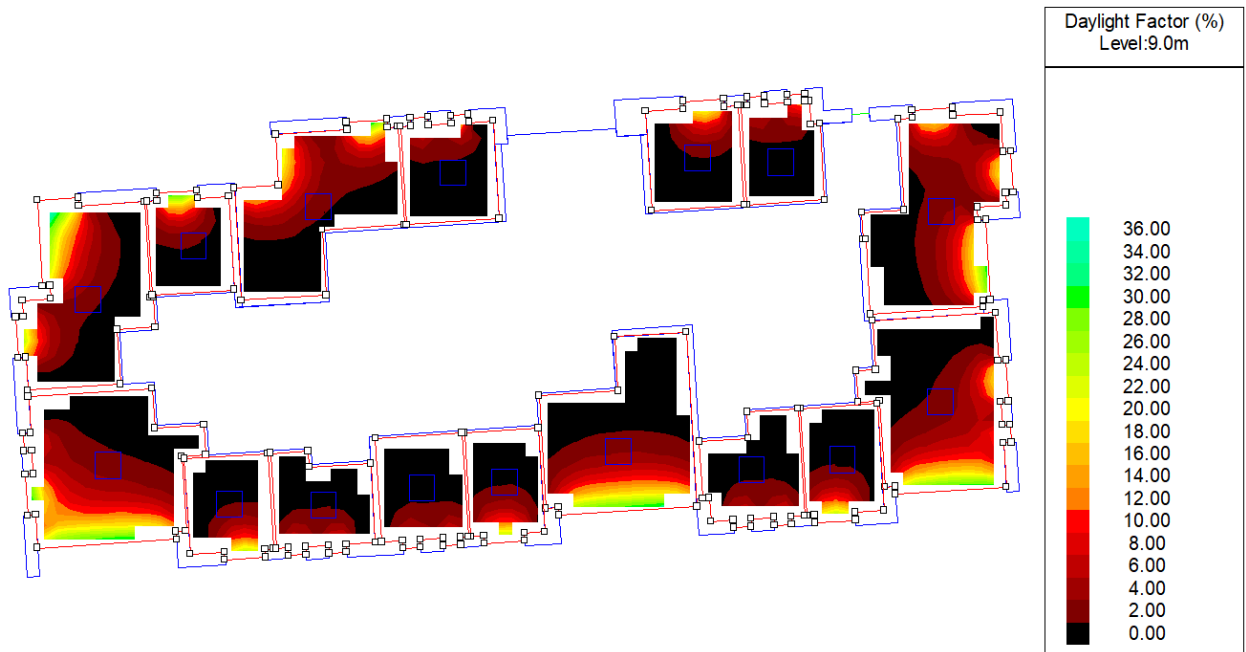


Figure 51 – Apartment Block A Third Floor Daylight Factor Mapping

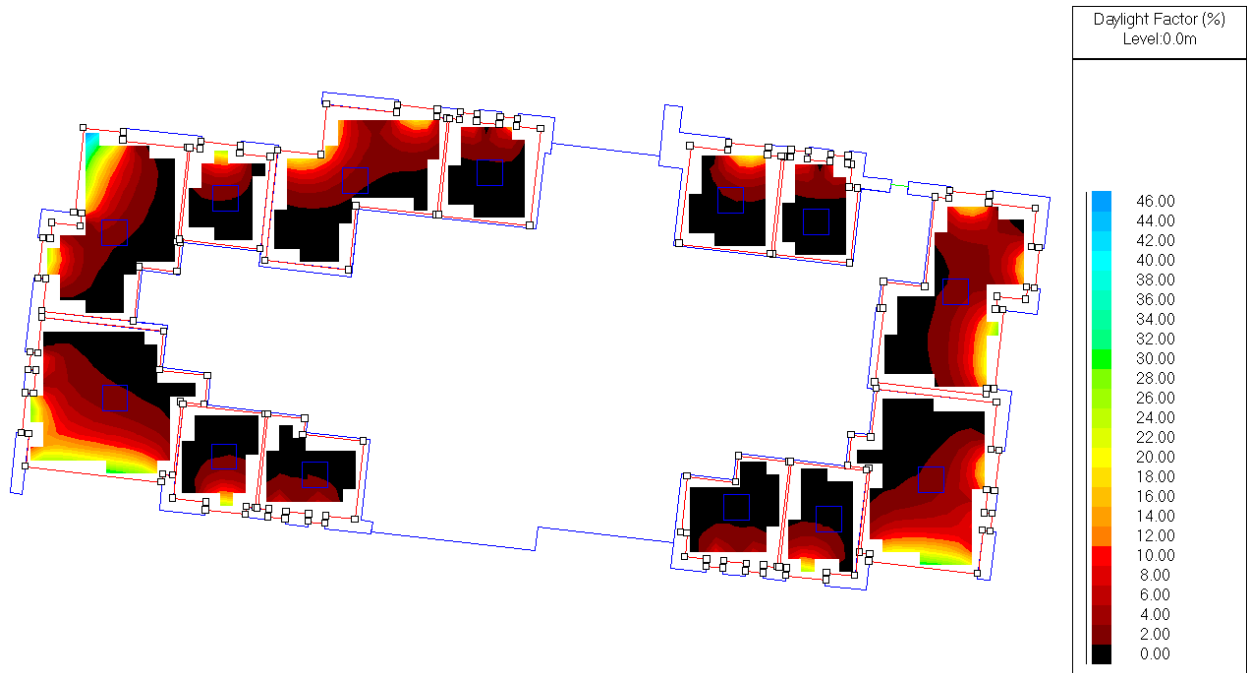


Figure 52 – Apartment Block B Ground Floor Daylight Factor Mapping

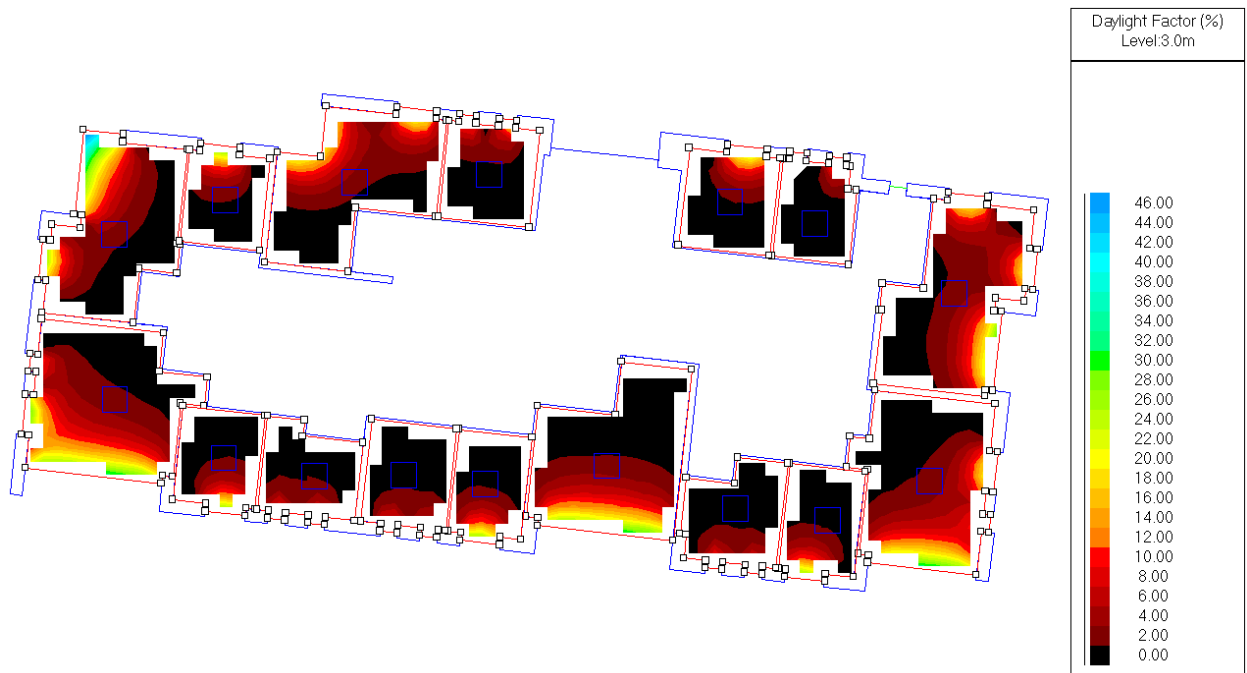


Figure 53 – Apartment Block B First Floor Daylight Factor Mapping

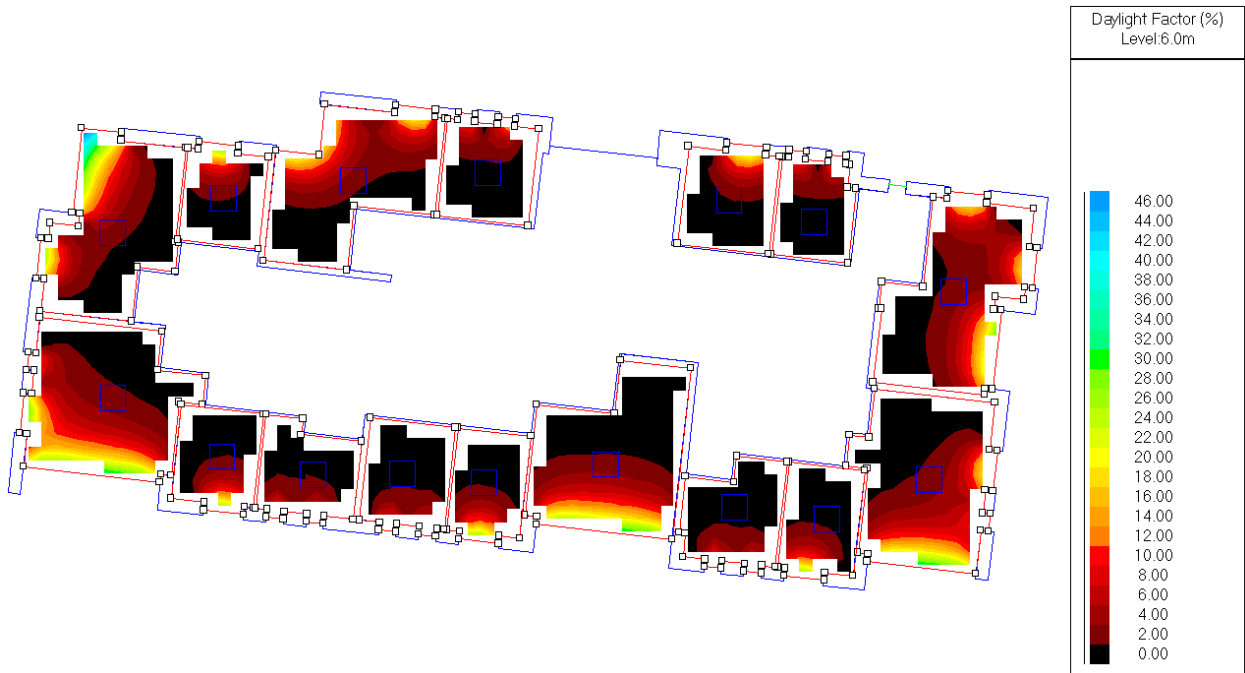


Figure 54 – Apartment Block B Second Floor Daylight Factor Mapping

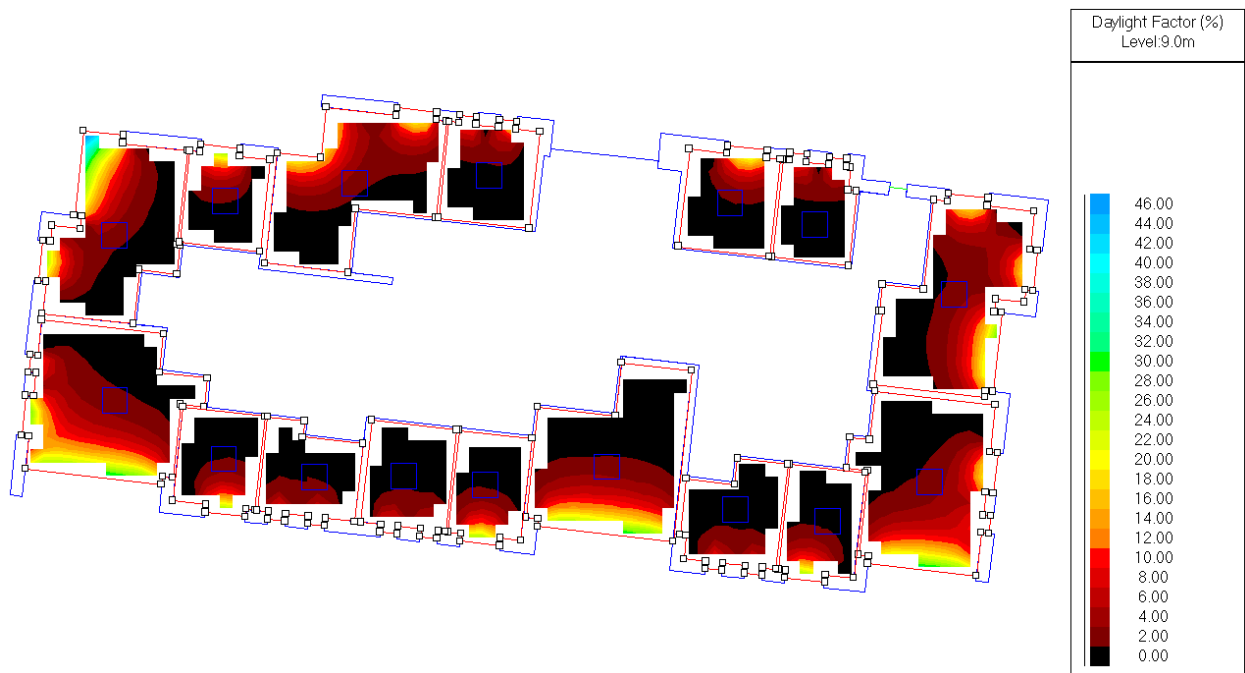


Figure 55 – Apartment Block B Third Floor Daylight Factor Mapping

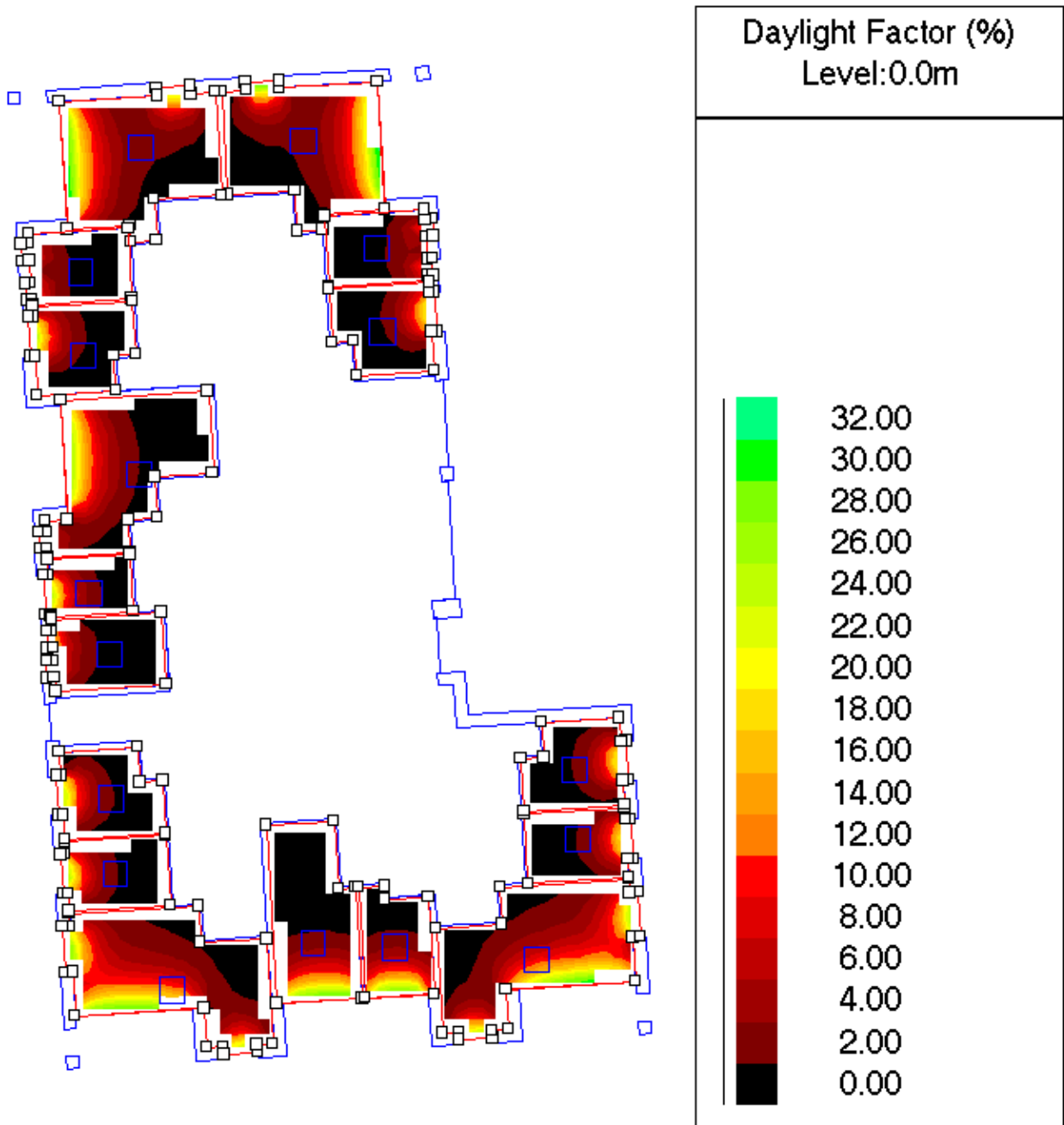


Figure 56 – Apartment Block C Ground Floor Daylight Factor Mapping

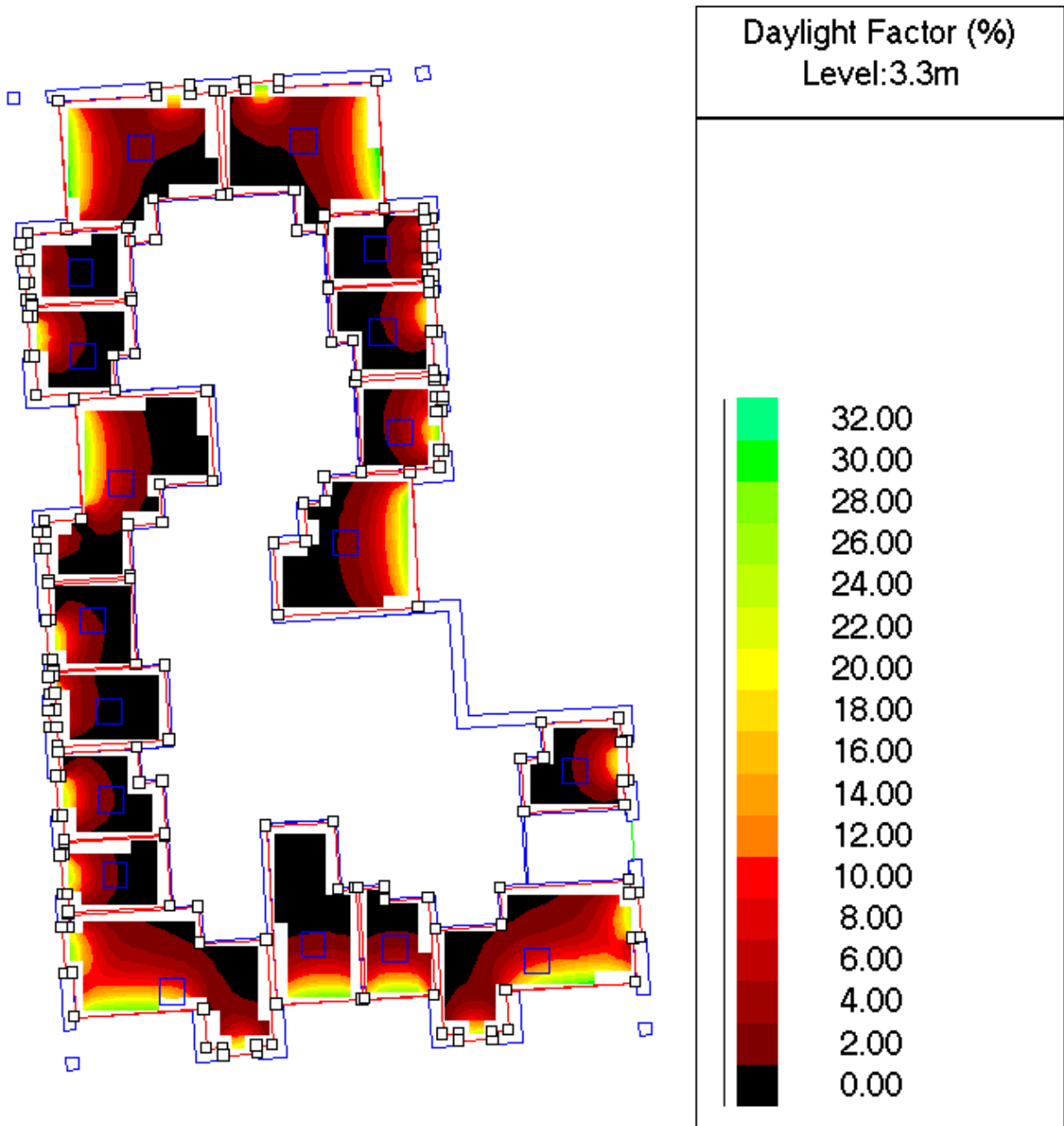


Figure 57 – Apartment Block C First Floor Daylight Factor Mapping

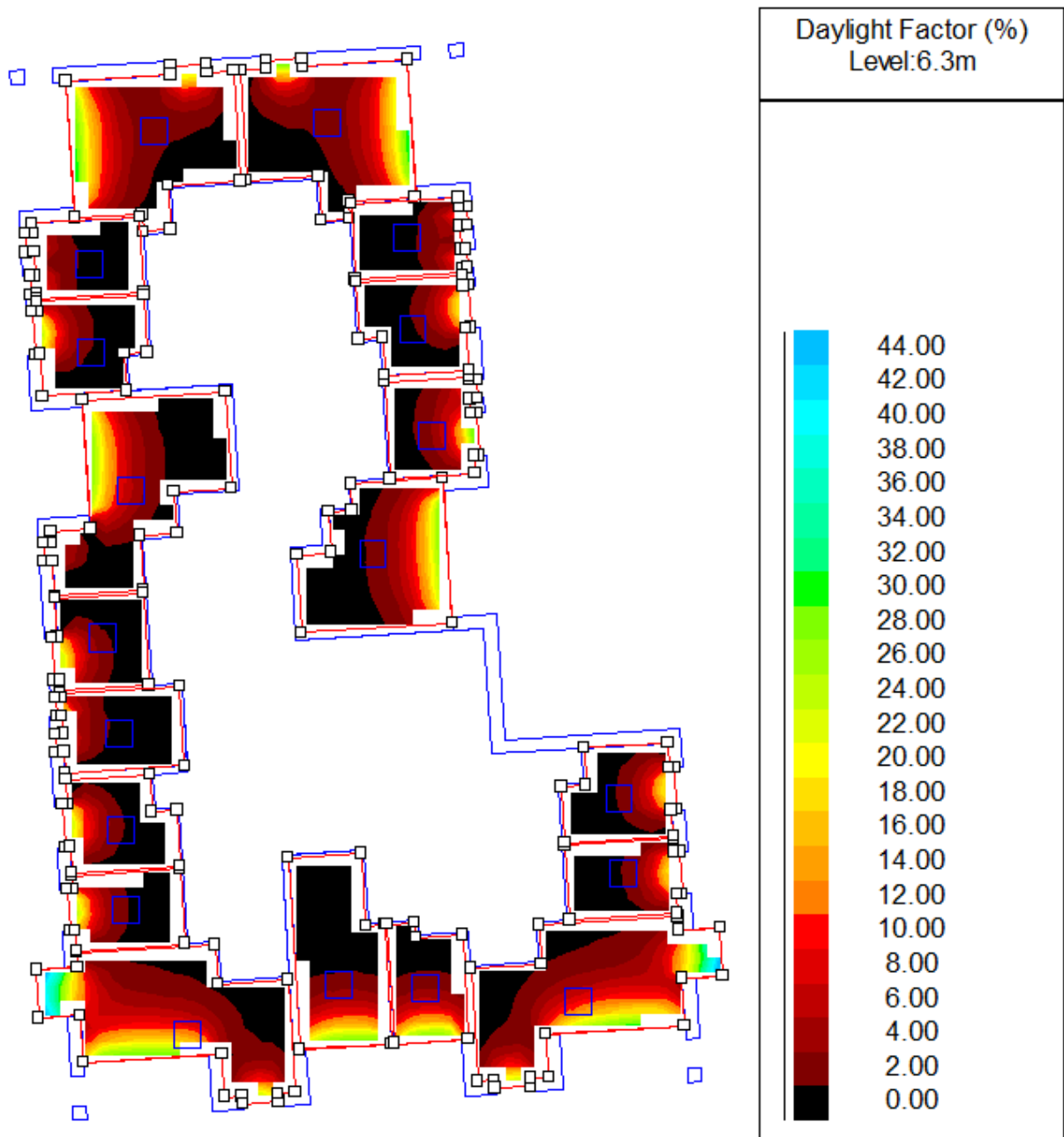


Figure 58 – Apartment Block C Second Floor Daylight Factor Mapping

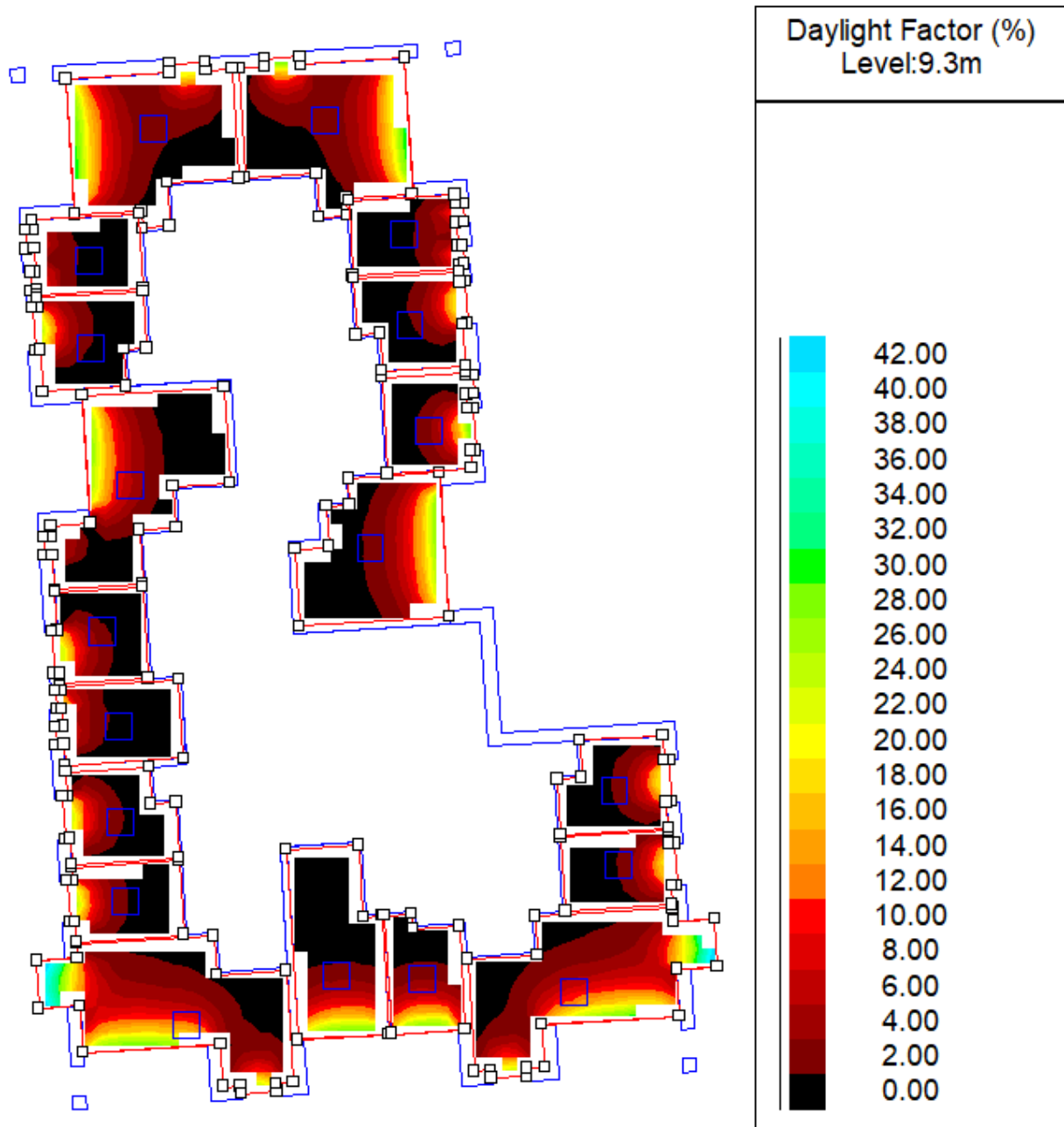


Figure 59 – Apartment Block C Third Floor Daylight Factor Mapping

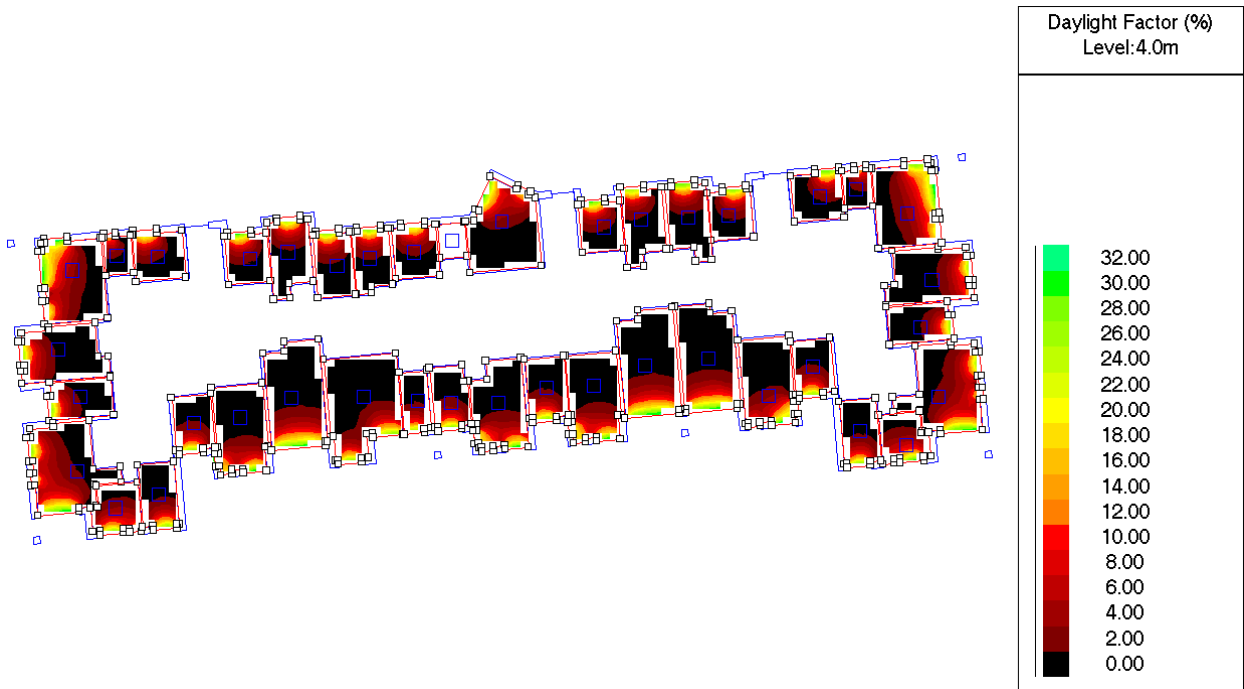


Figure 60 – Apartment Block D First Floor Daylight Factor Mapping

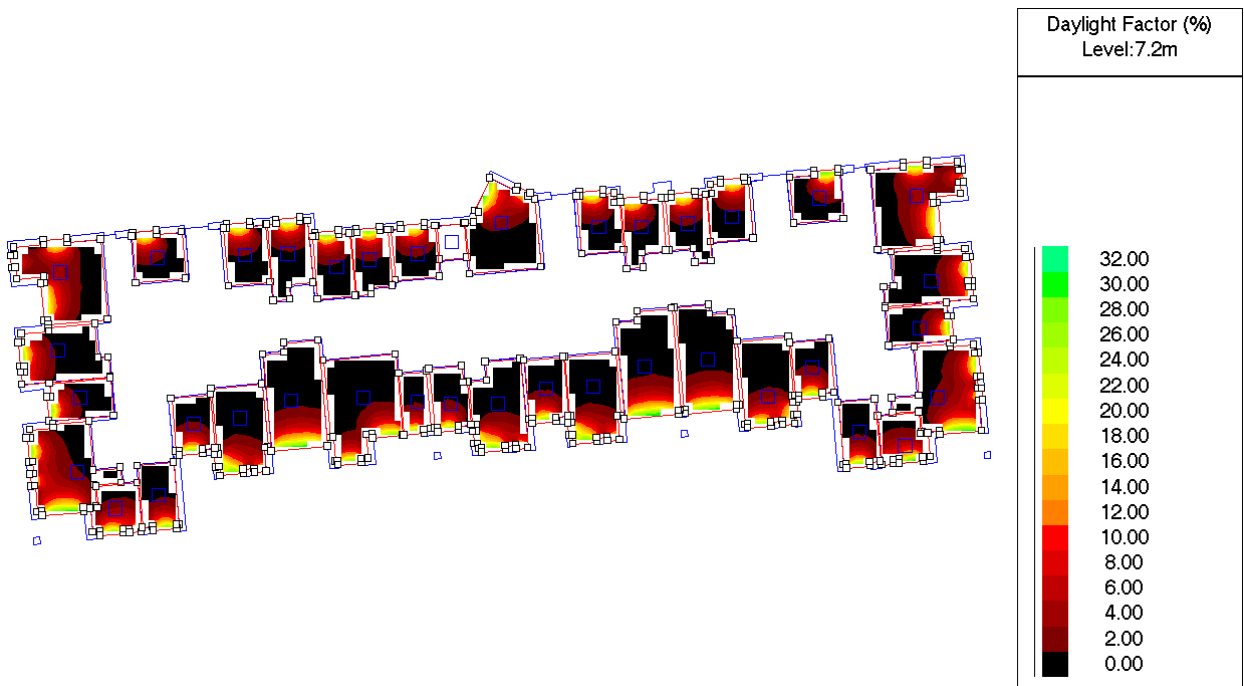


Figure 61 – Apartment Block D Second Floor Daylight Factor Mapping



Figure 62 – Apartment Block D Third Floor Daylight Factor Mapping

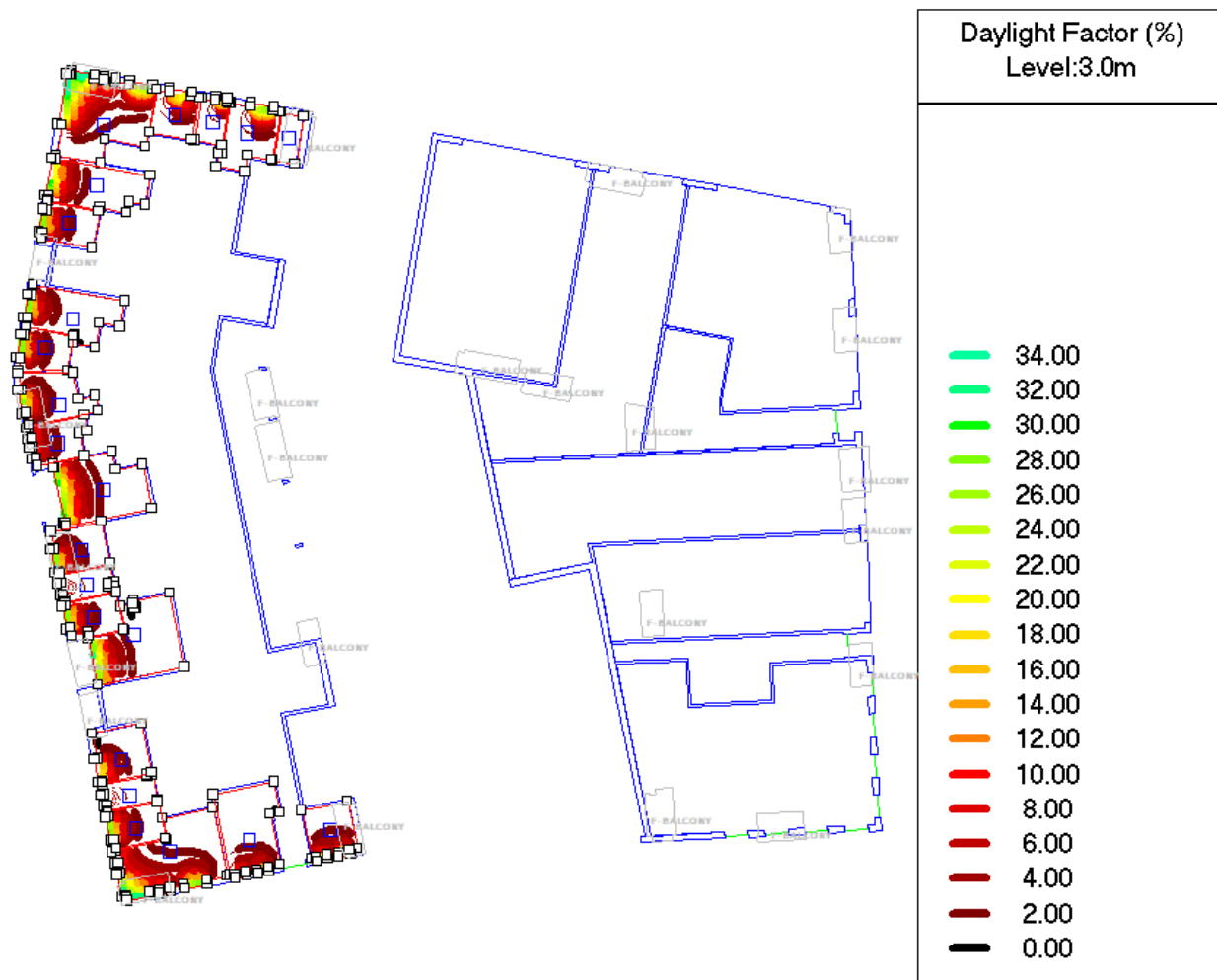


Figure 63 – Apartment Block F1 Ground Floor Daylight Factor Mapping

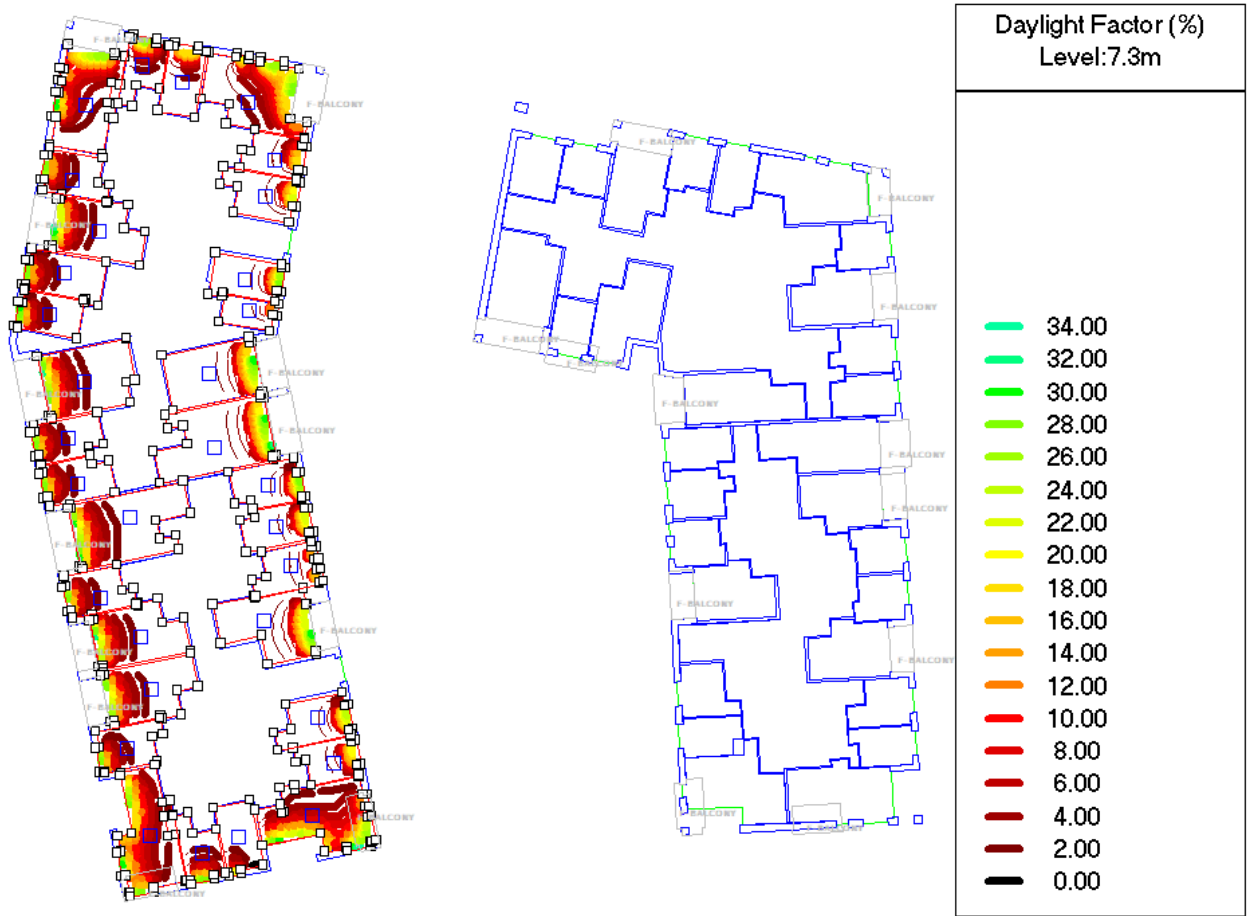


Figure 64 – Apartment Block F1 First Floor Daylight Factor Mapping

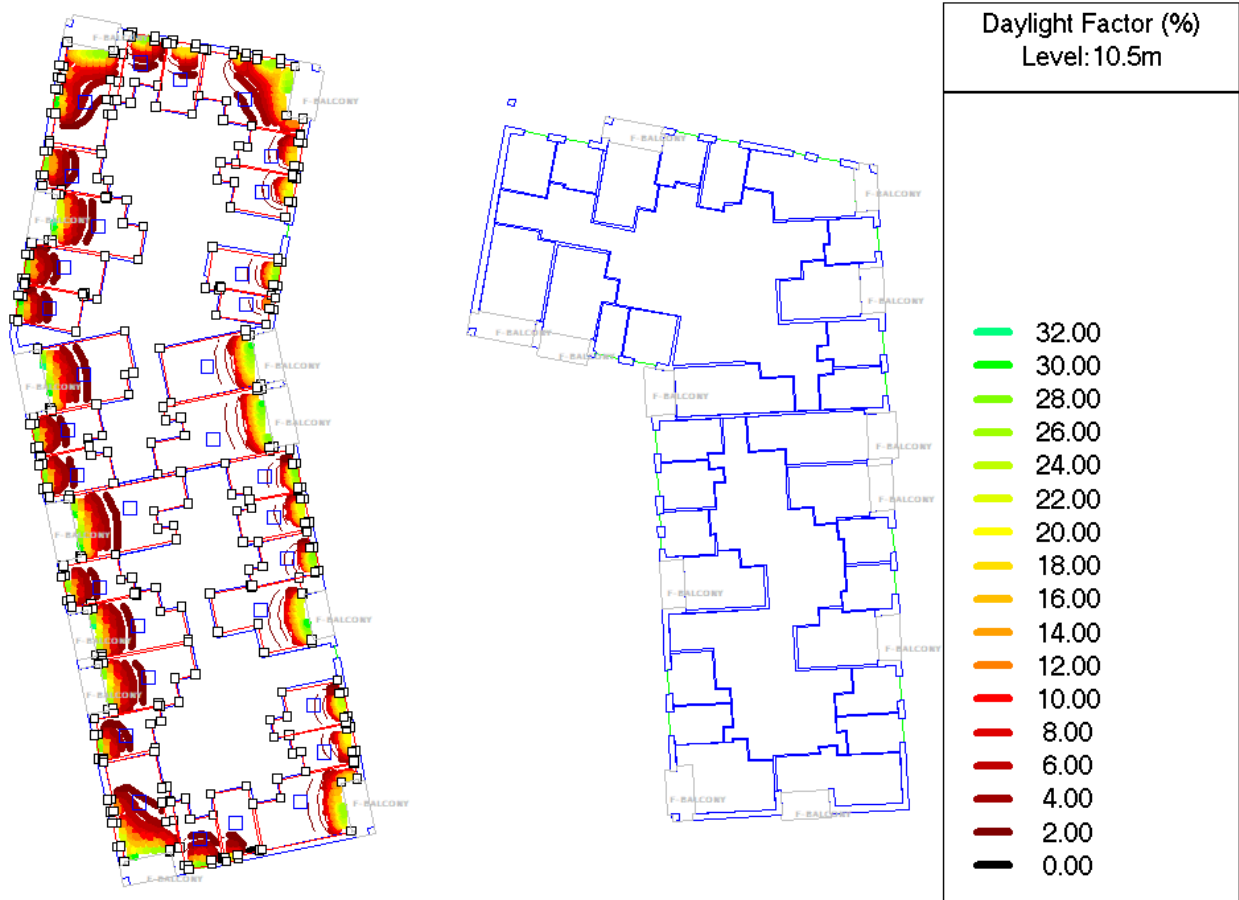


Figure 65 – Apartment Block F1 Second Floor Daylight Factor Mapping

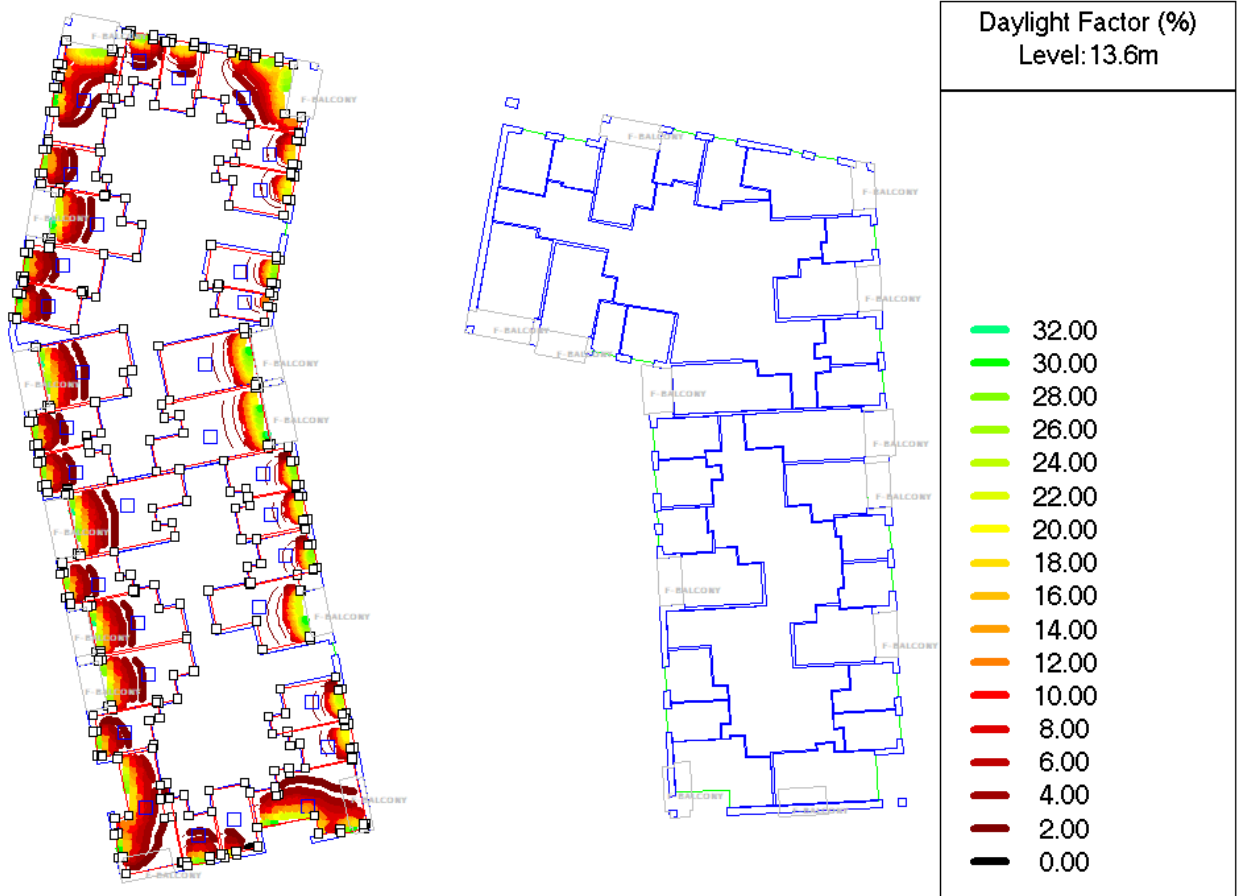


Figure 66 – Apartment Block F1 Third Floor Daylight Factor Mapping

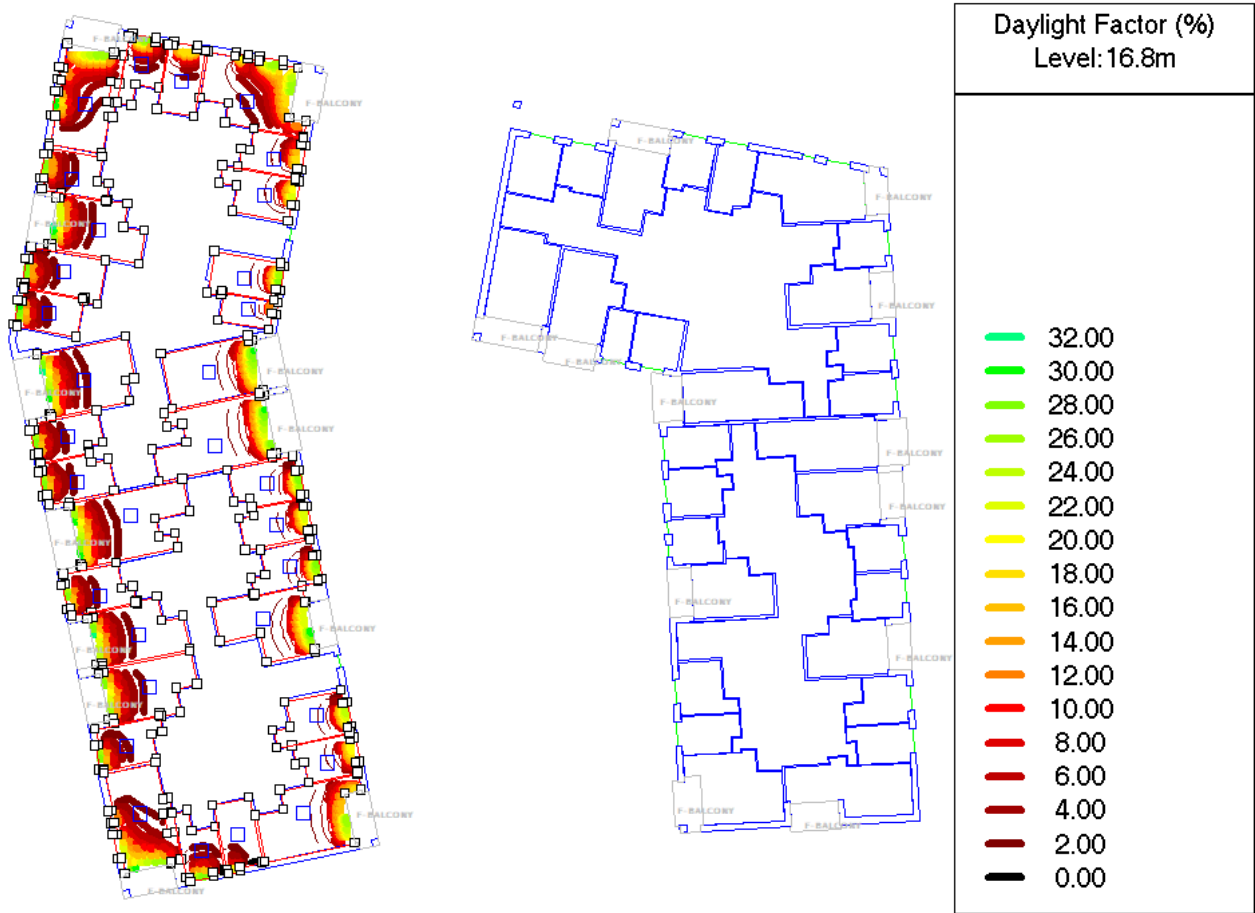


Figure 67 – Apartment Block F1 Fourth Floor Daylight Factor Mapping

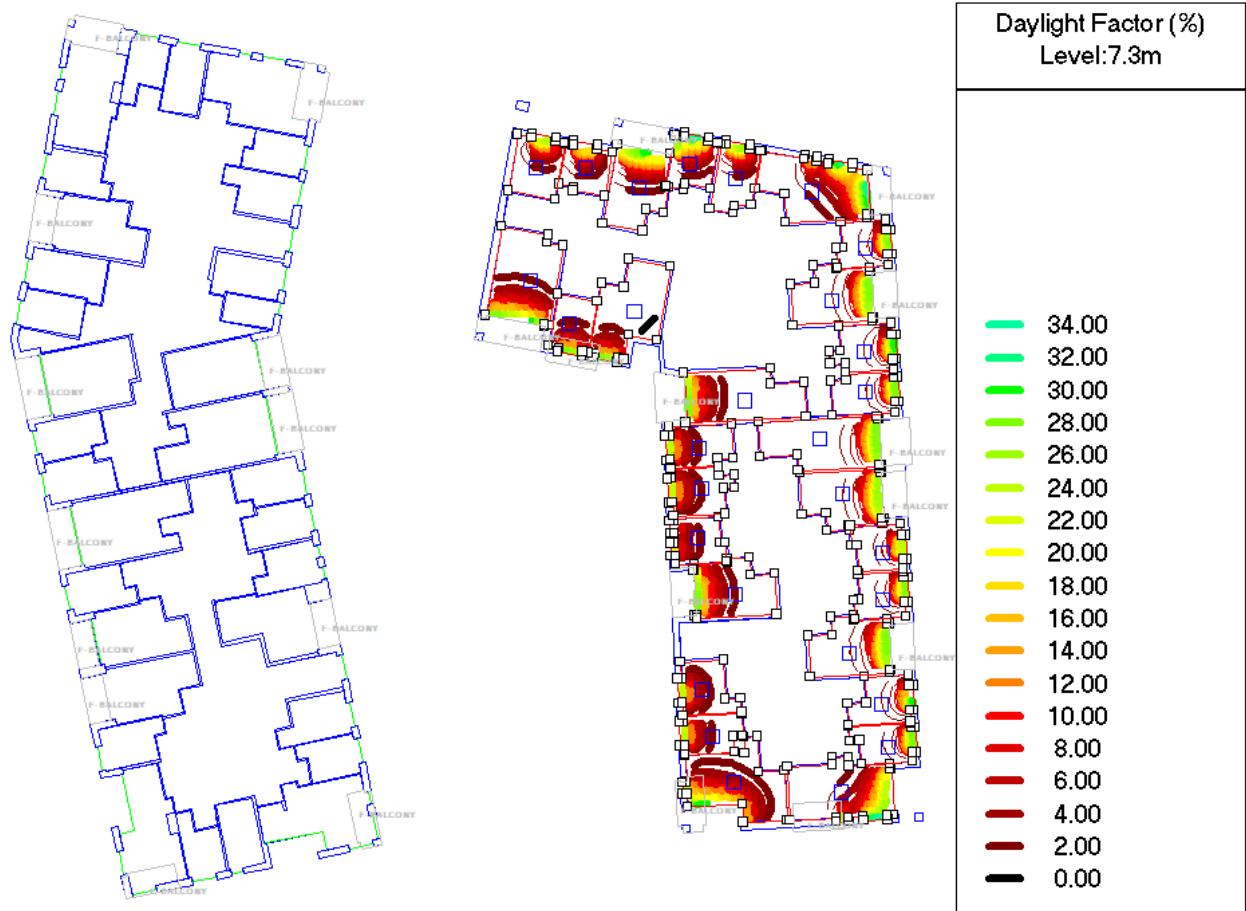


Figure 68 – Apartment Block F2 First Floor Daylight Factor Mapping

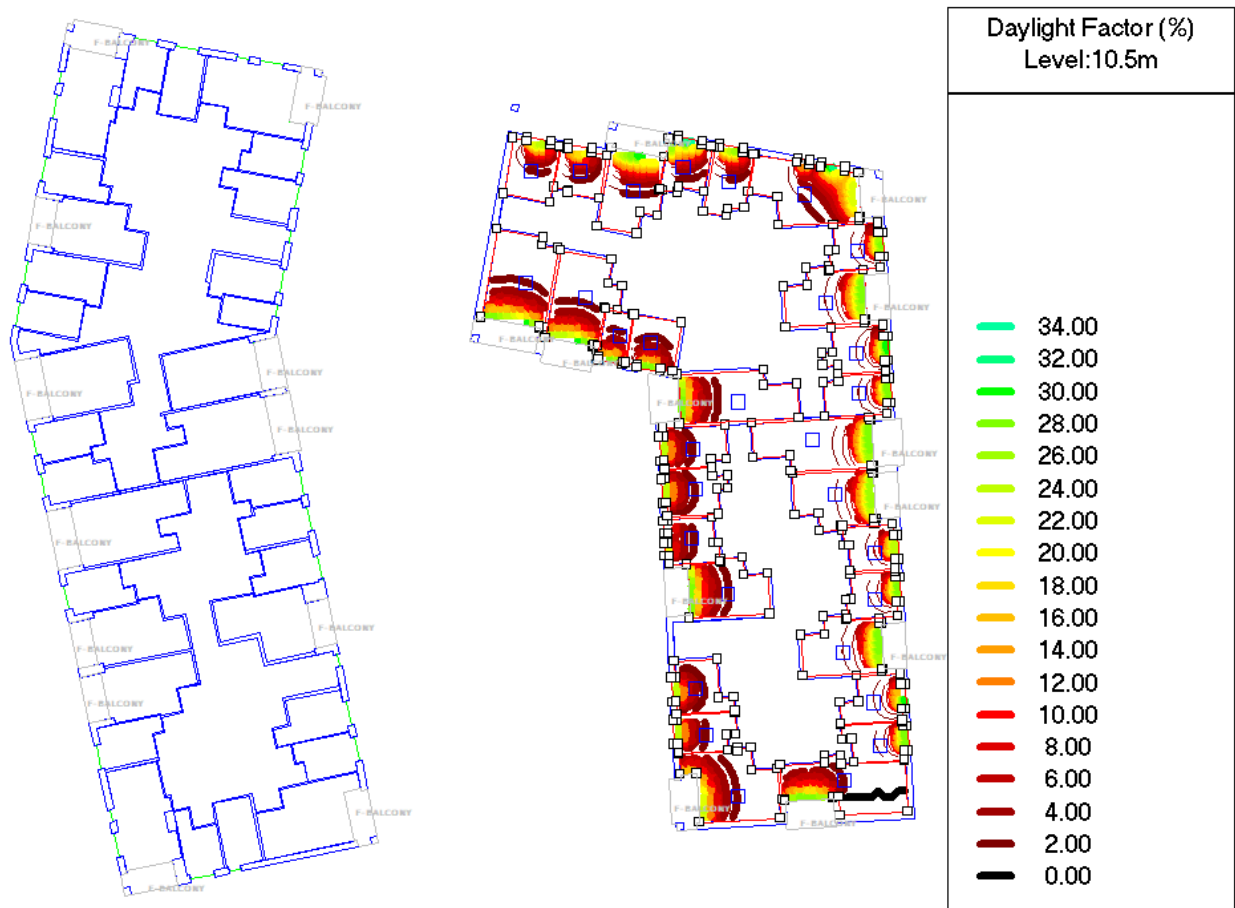


Figure 69 – Apartment Block F2 Second Floor Daylight Factor Mapping

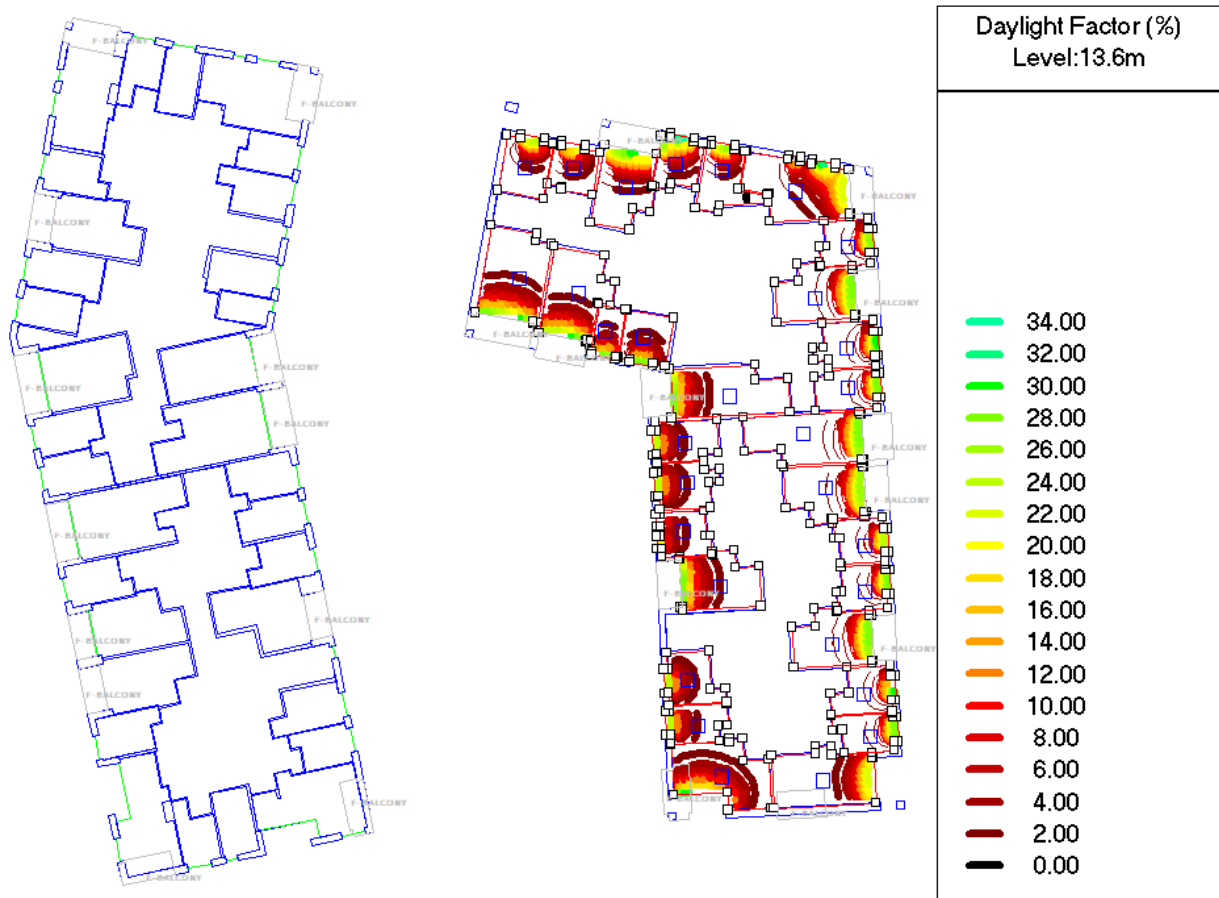


Figure 70 – Apartment Block F2 Third Floor Daylight Factor Mapping

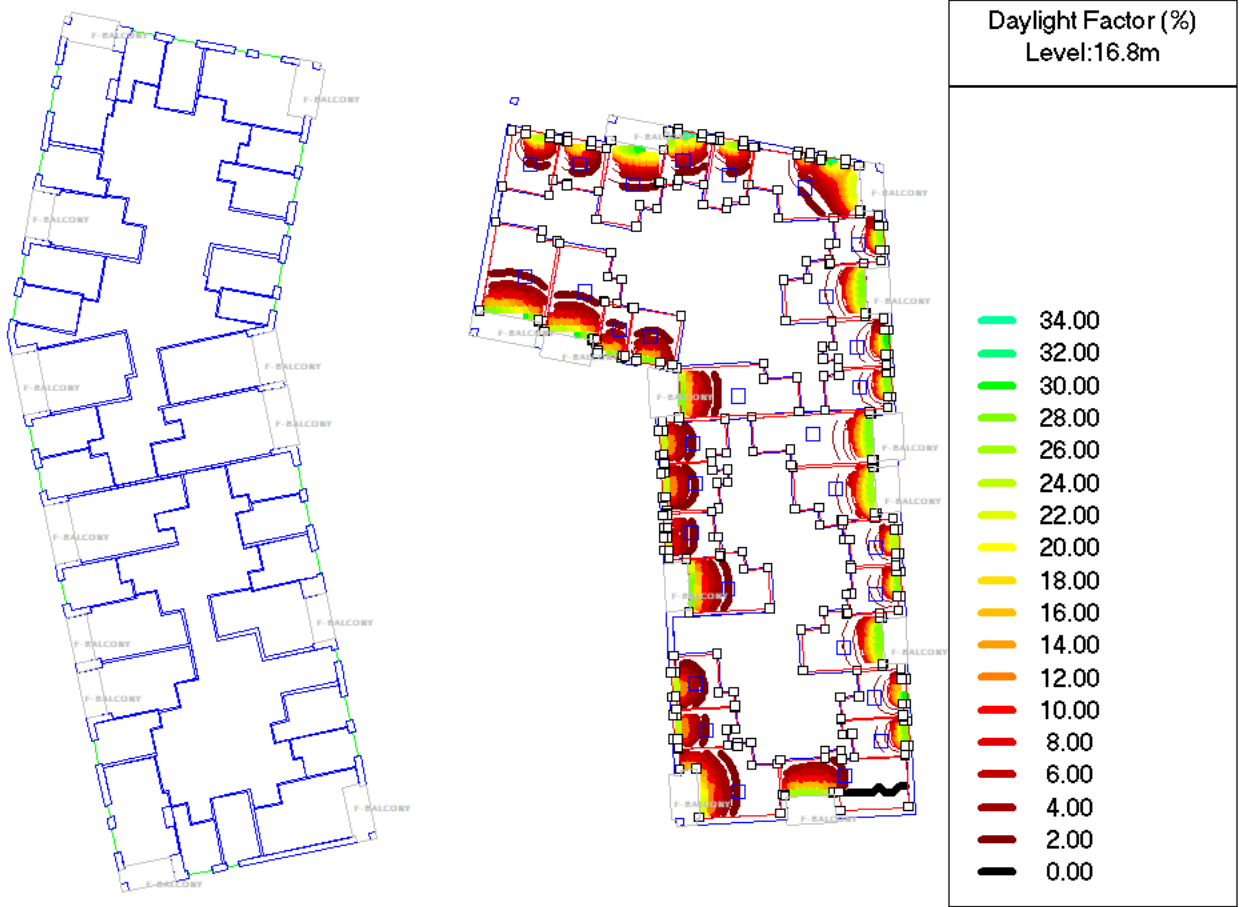


Figure 71 – Apartment Block F2 Fourth Floor Daylight Factor Mapping

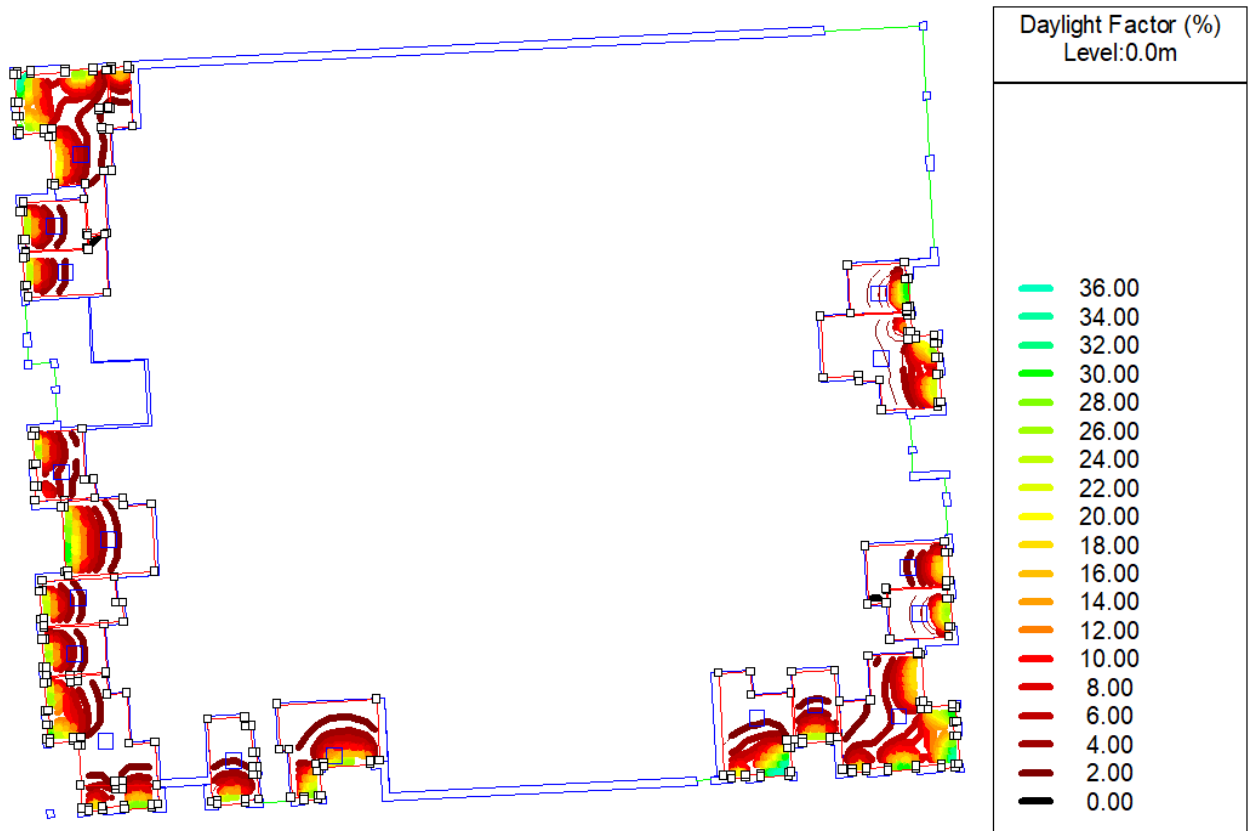


Figure 72 – Apartment Block G Ground Floor Daylight Factor Mapping

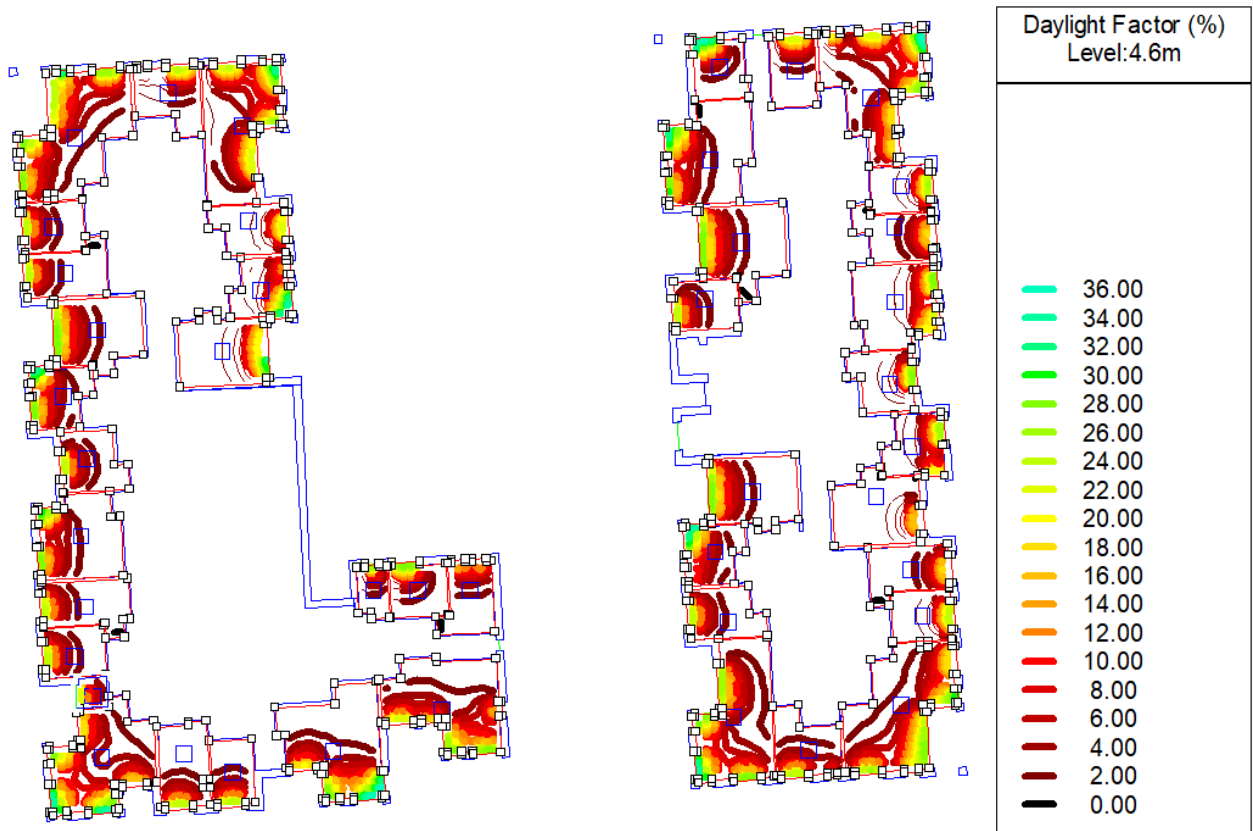


Figure 73 – Apartment Block G First Floor Daylight Factor Mapping

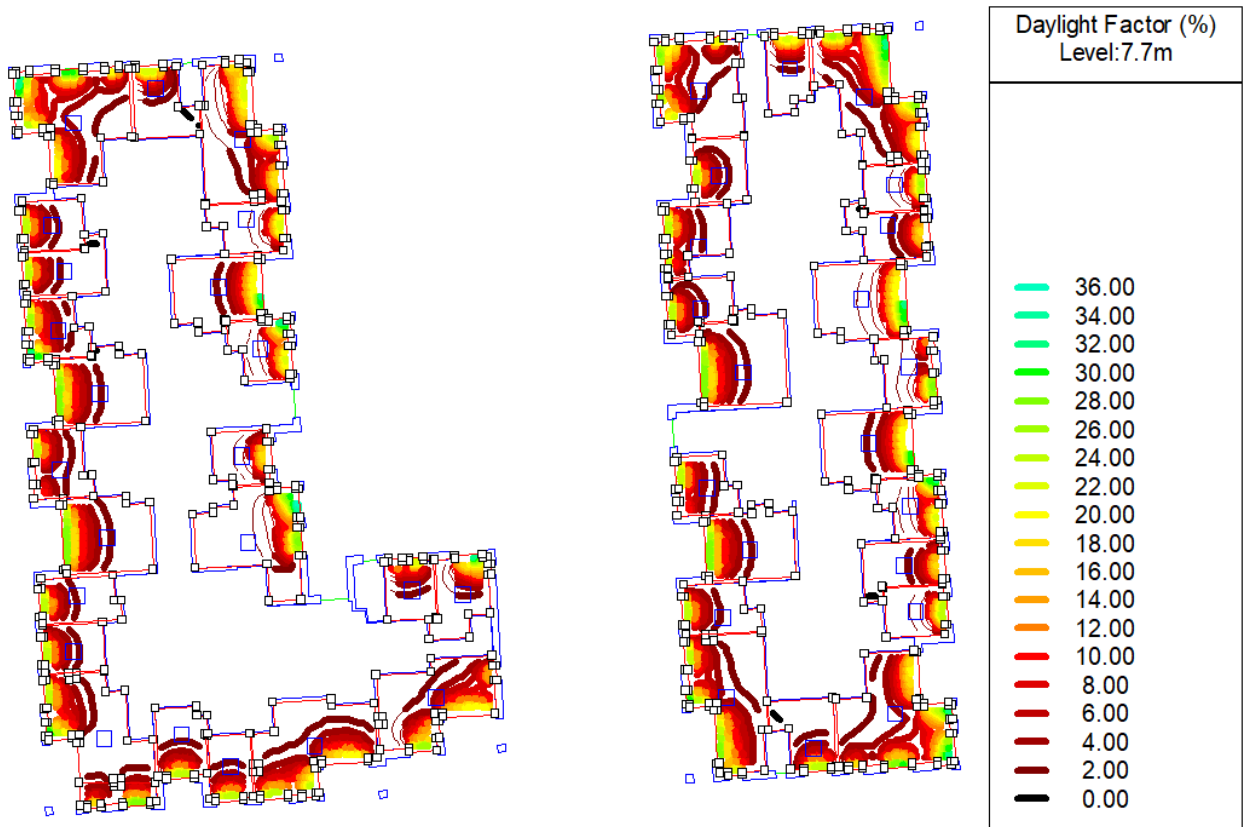


Figure 74 – Apartment Block G Second Floor Daylight Factor Mapping

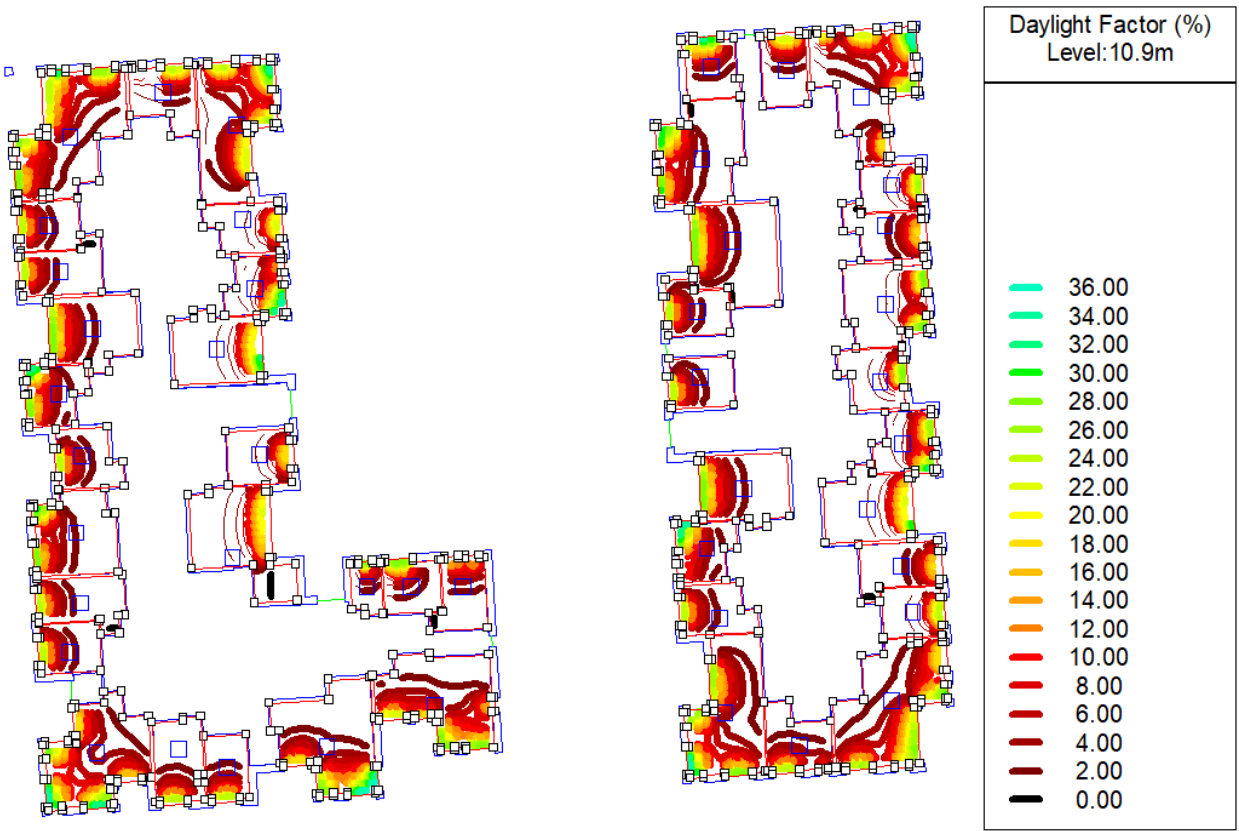


Figure 75 – Apartment Block G Third Floor Daylight Factor Mapping

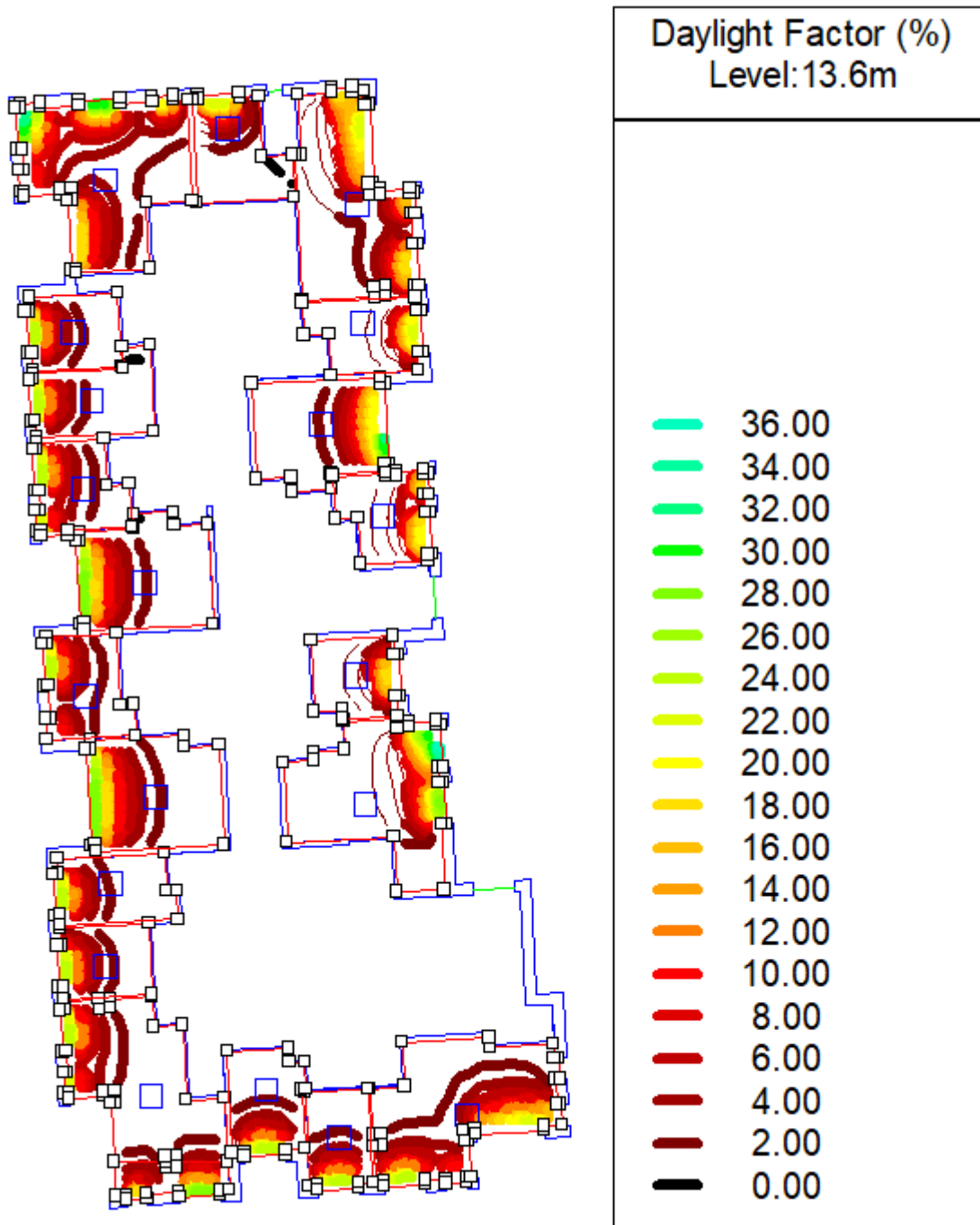


Figure 76 – Apartment Block G Fourth Floor Daylight Factor Mapping

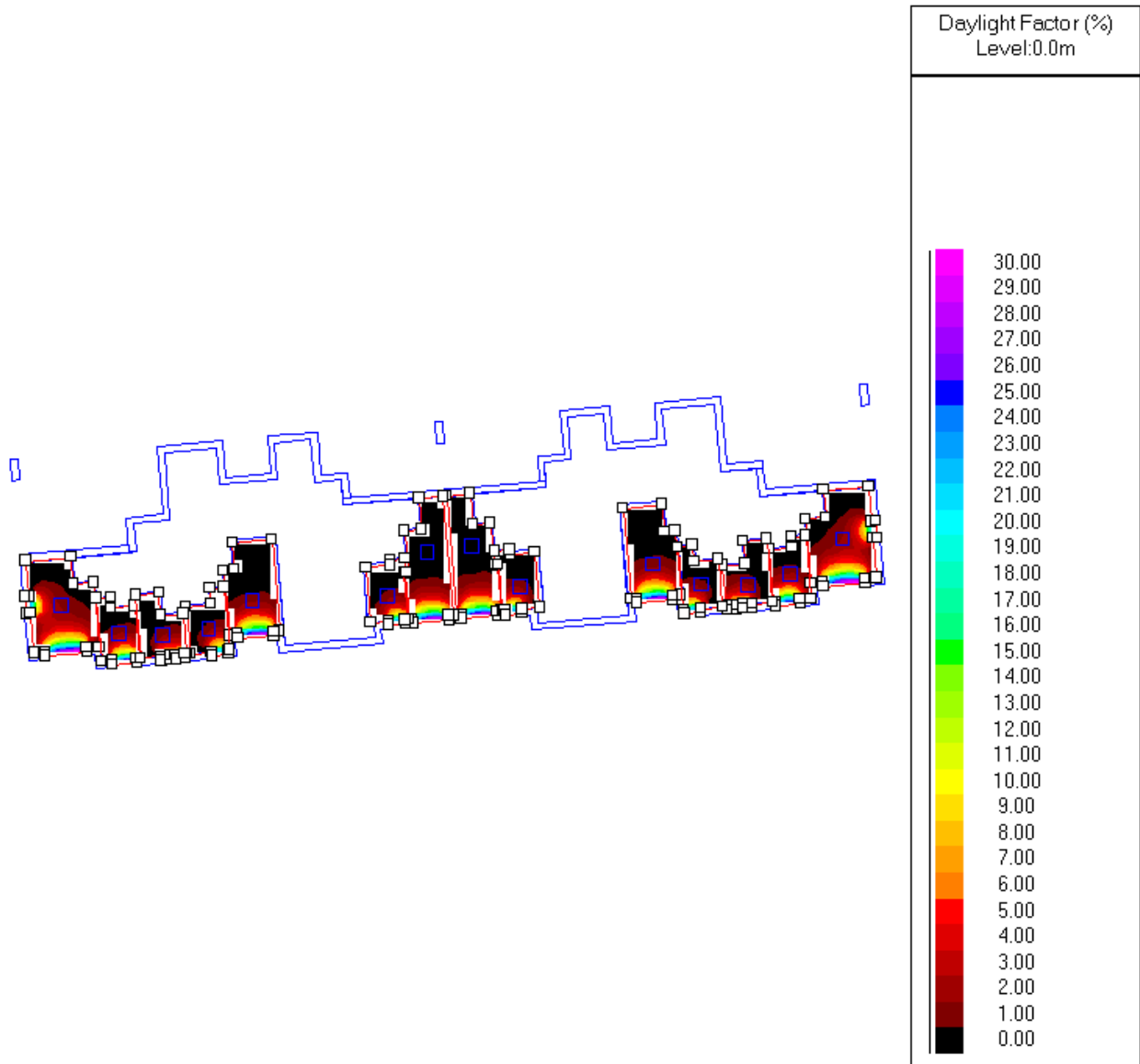


Figure 77 – Apartment Block H Ground Floor Daylight Factor Mapping

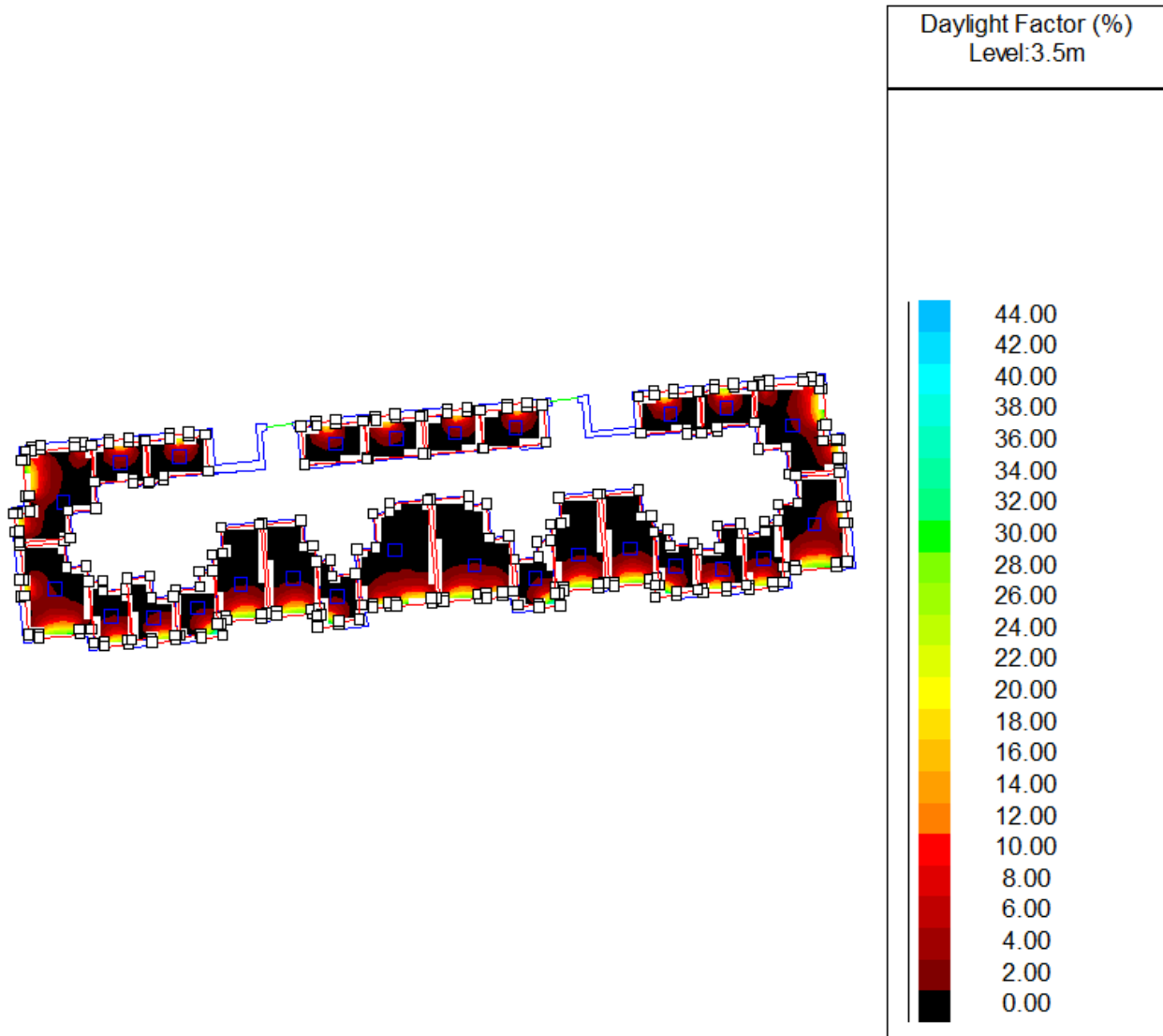


Figure 78 – Apartment Block H First Floor Daylight Factor Mapping

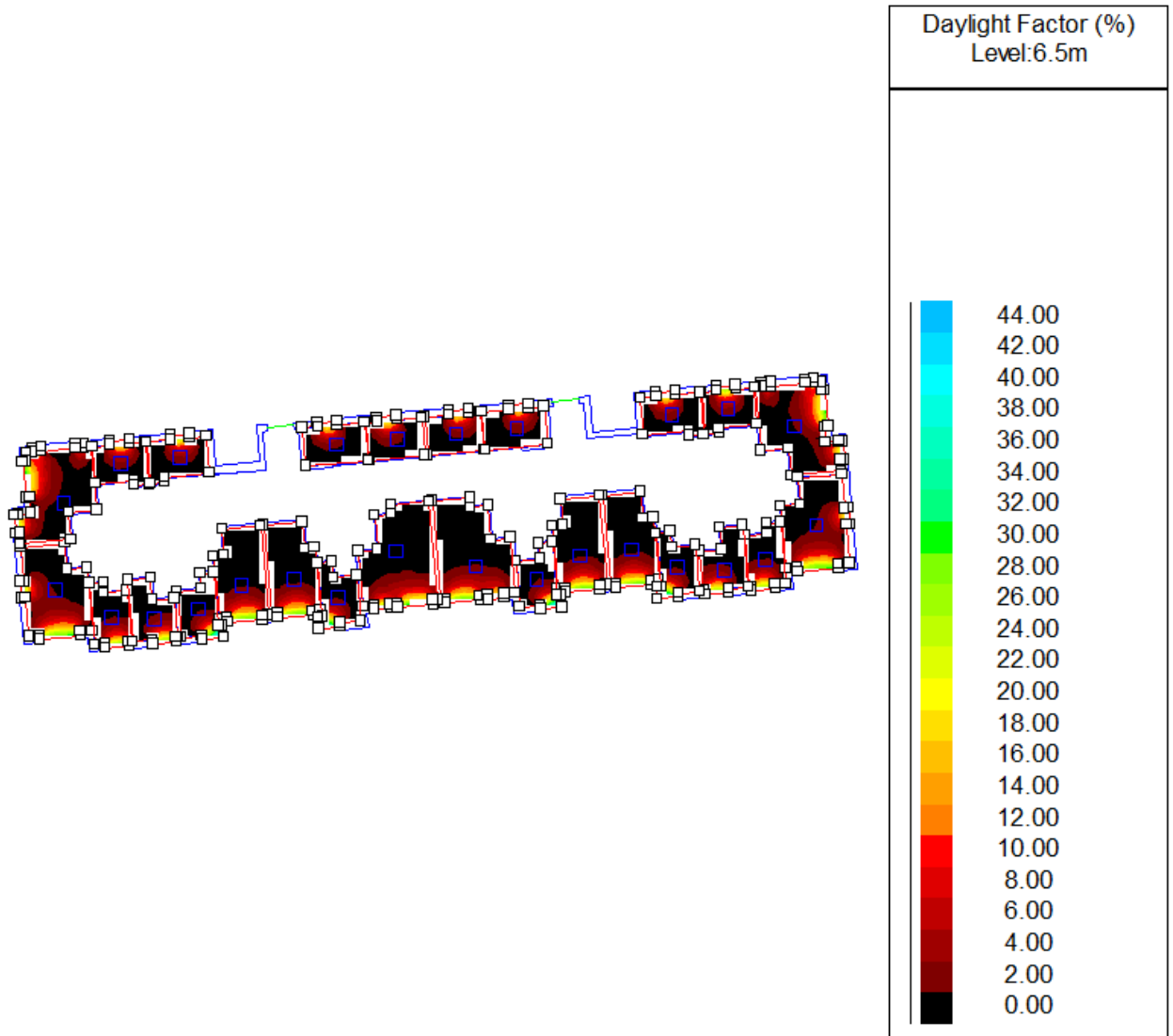


Figure 79 – Apartment Block H Second Floor Daylight Factor Mapping

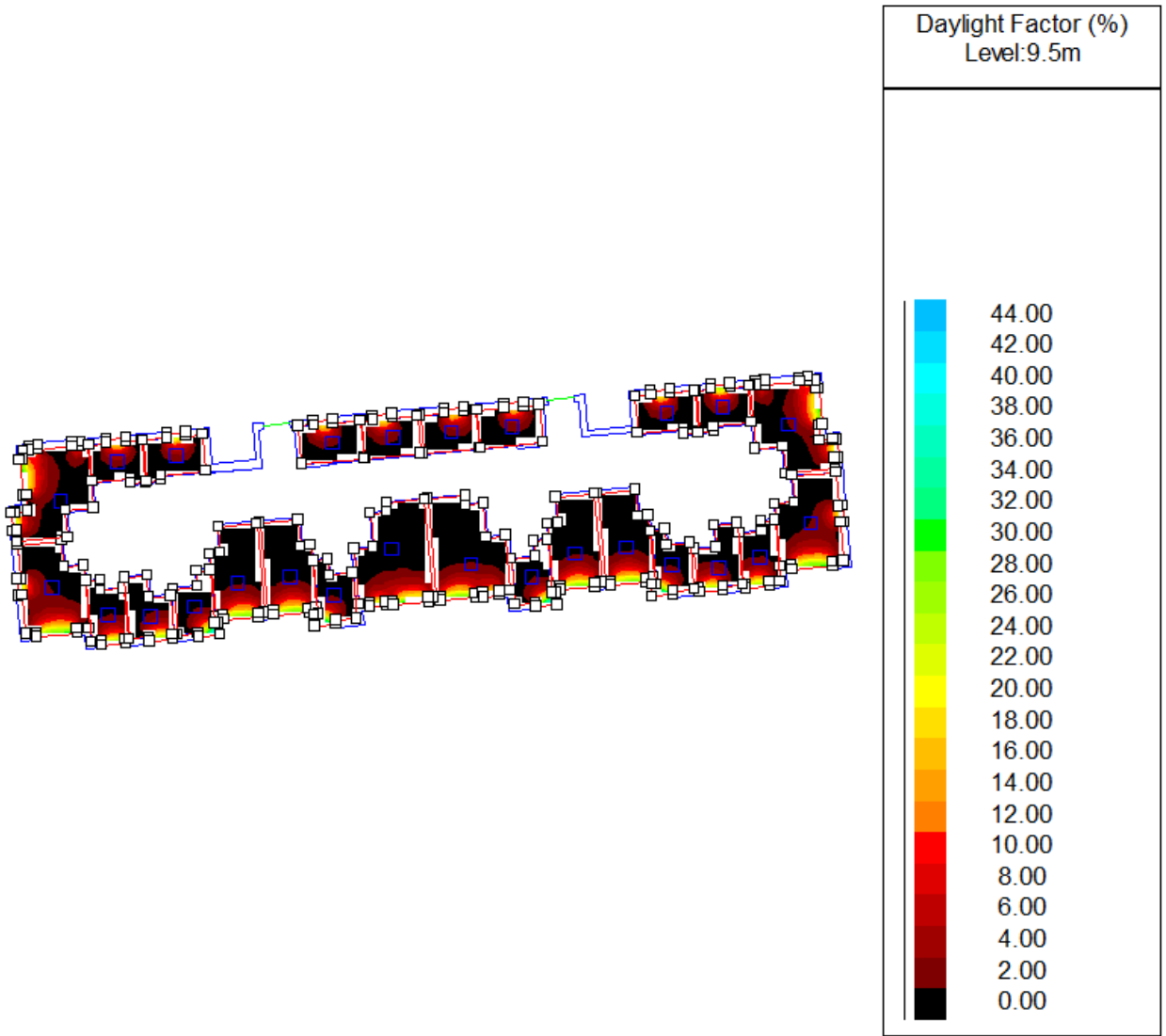


Figure 80 – Apartment Block H Third Floor Daylight Factor Mapping

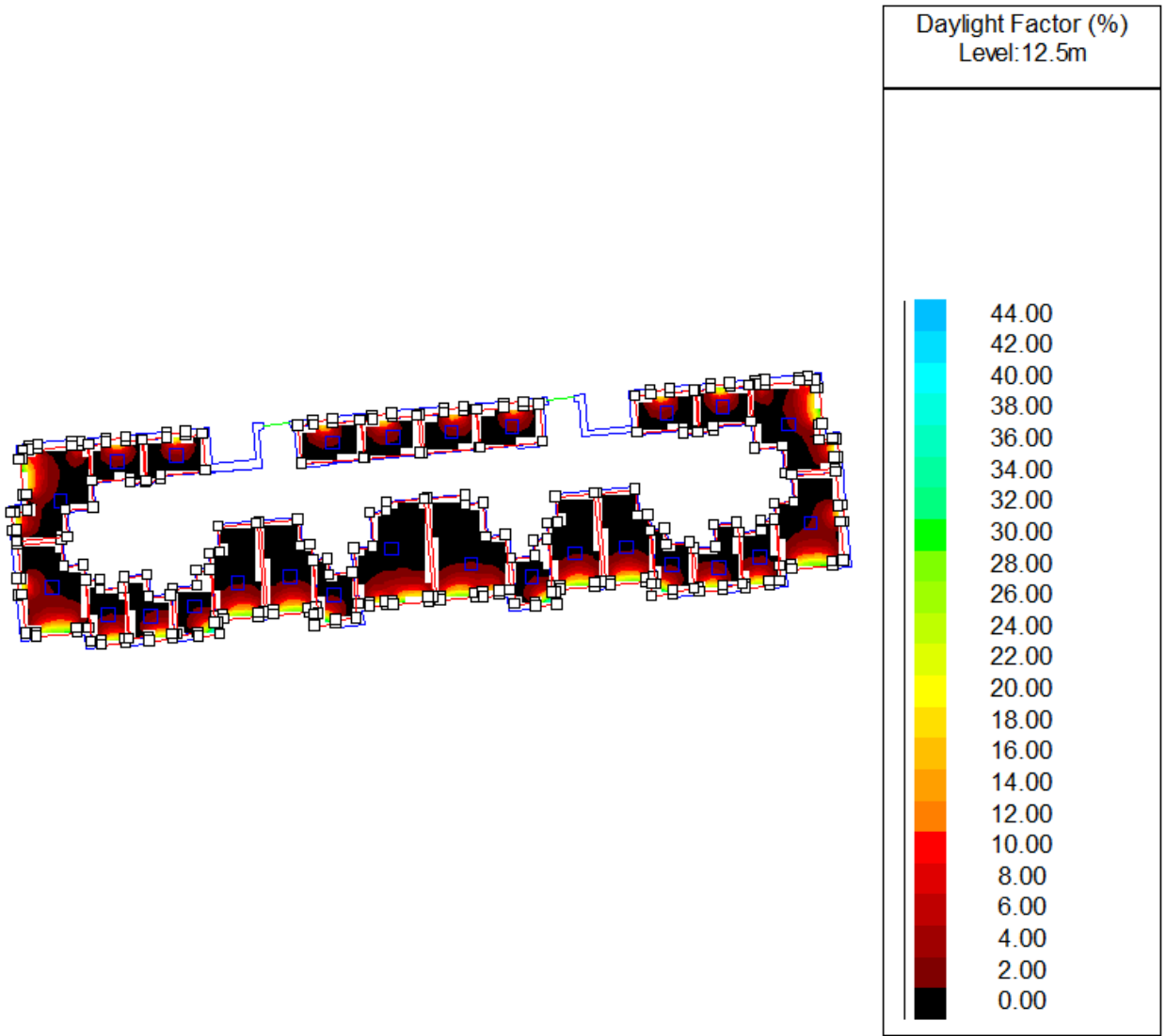


Figure 81 – Apartment Block H Fourth Floor Daylight Factor Mapping

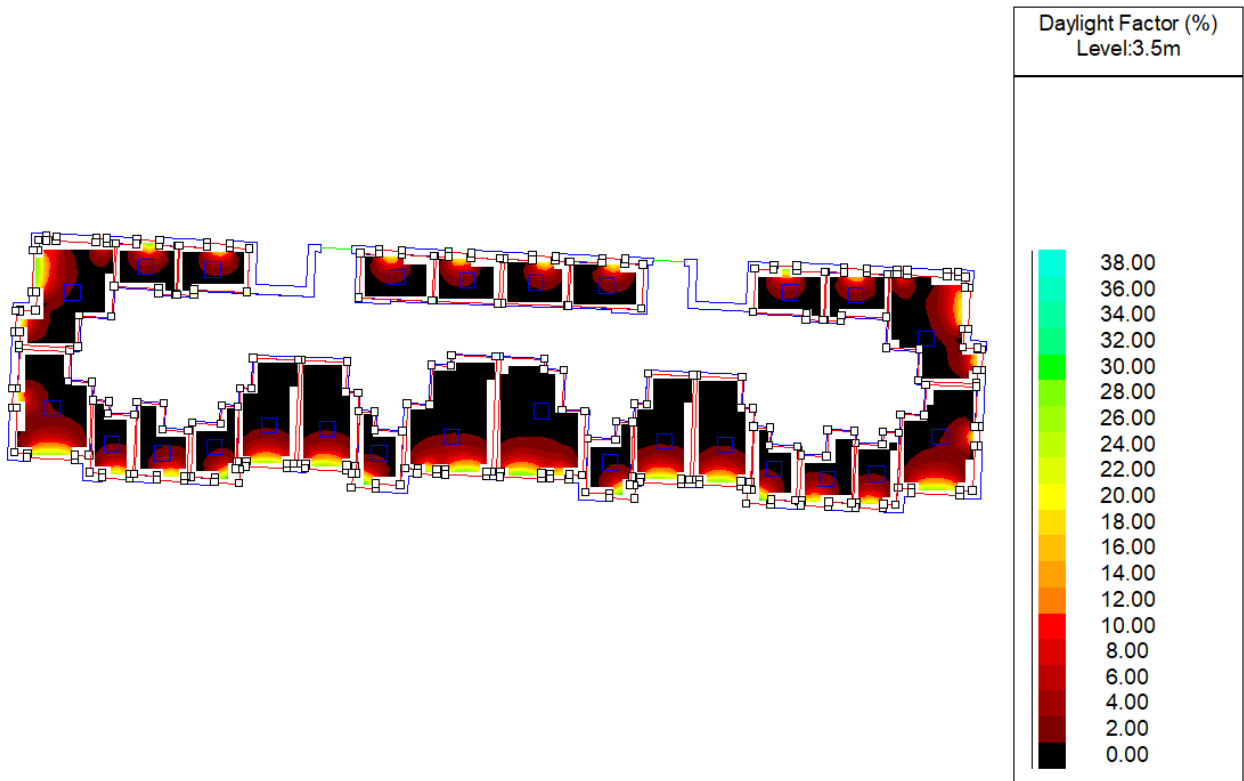


Figure 82 – Apartment Block J First Floor Daylight Factor Mapping

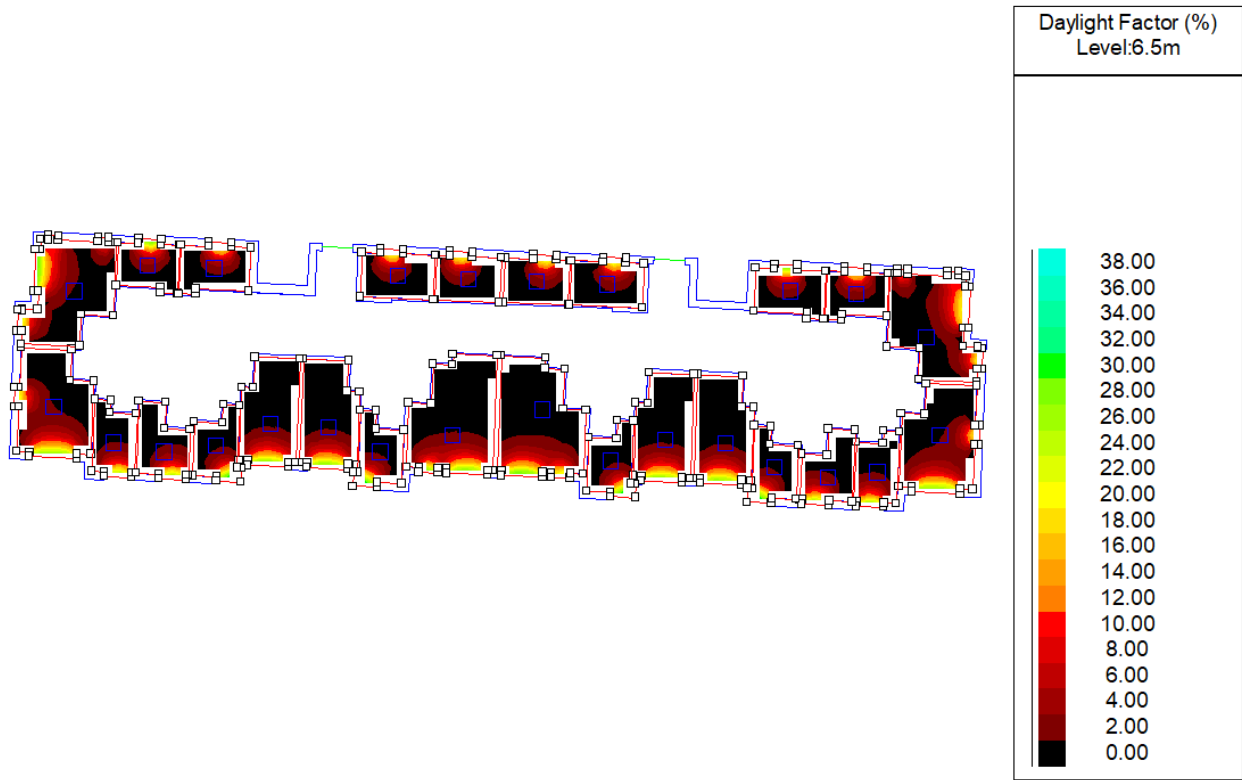


Figure 83 – Apartment Block J Second Floor Daylight Factor Mapping

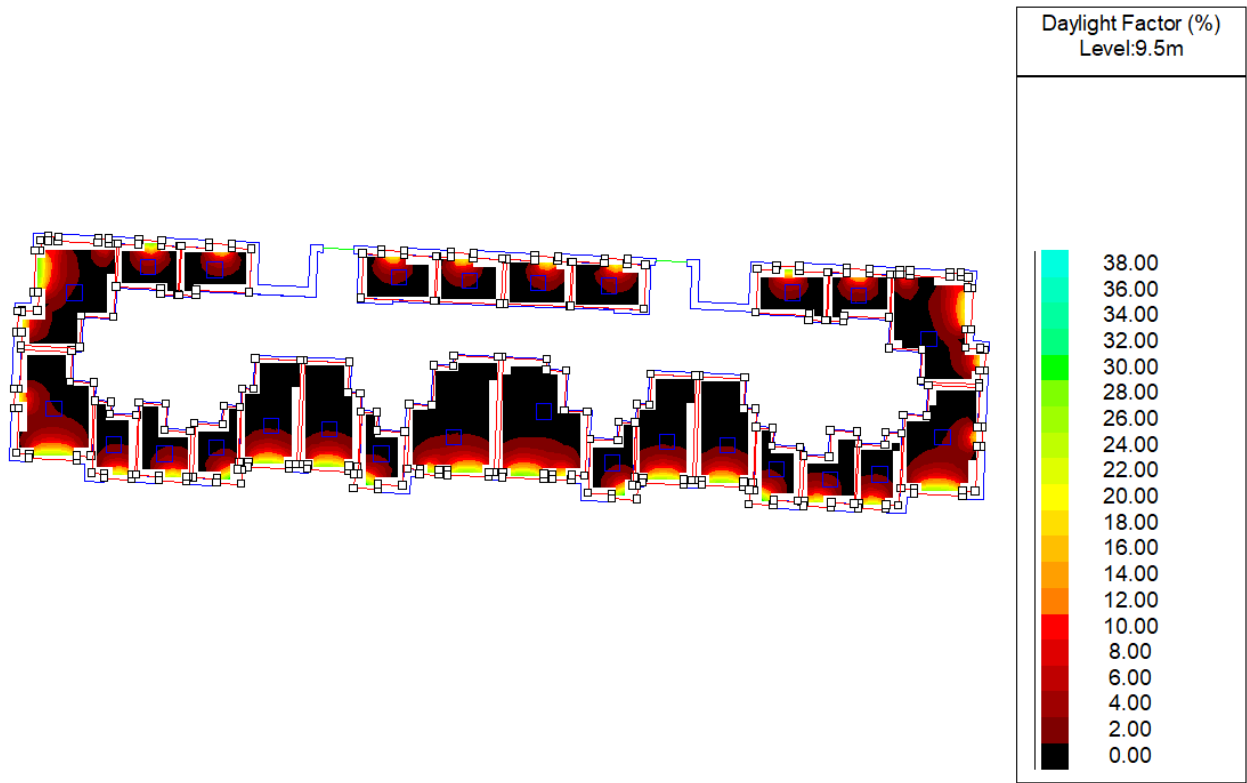


Figure 84 – Apartment Block J Third Floor Daylight Factor Mapping

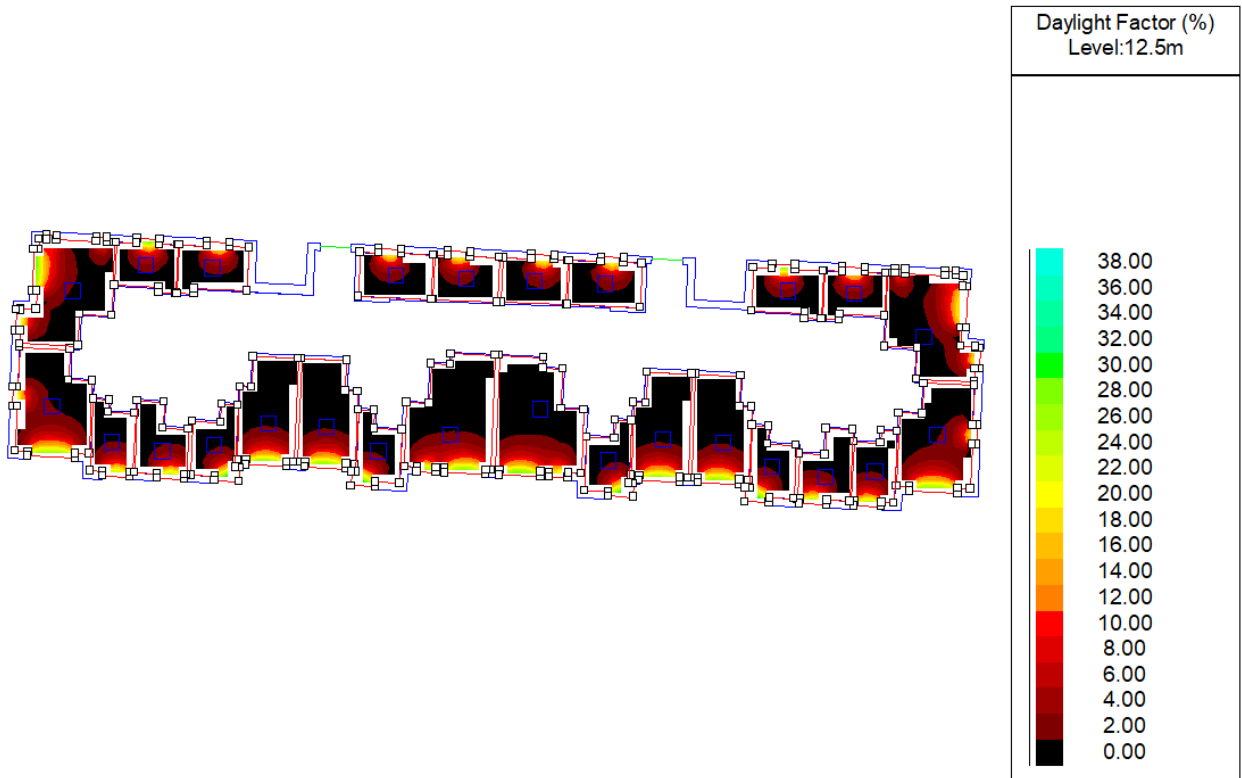


Figure 85 – Apartment Block J Fourth Floor Daylight Factor Mapping

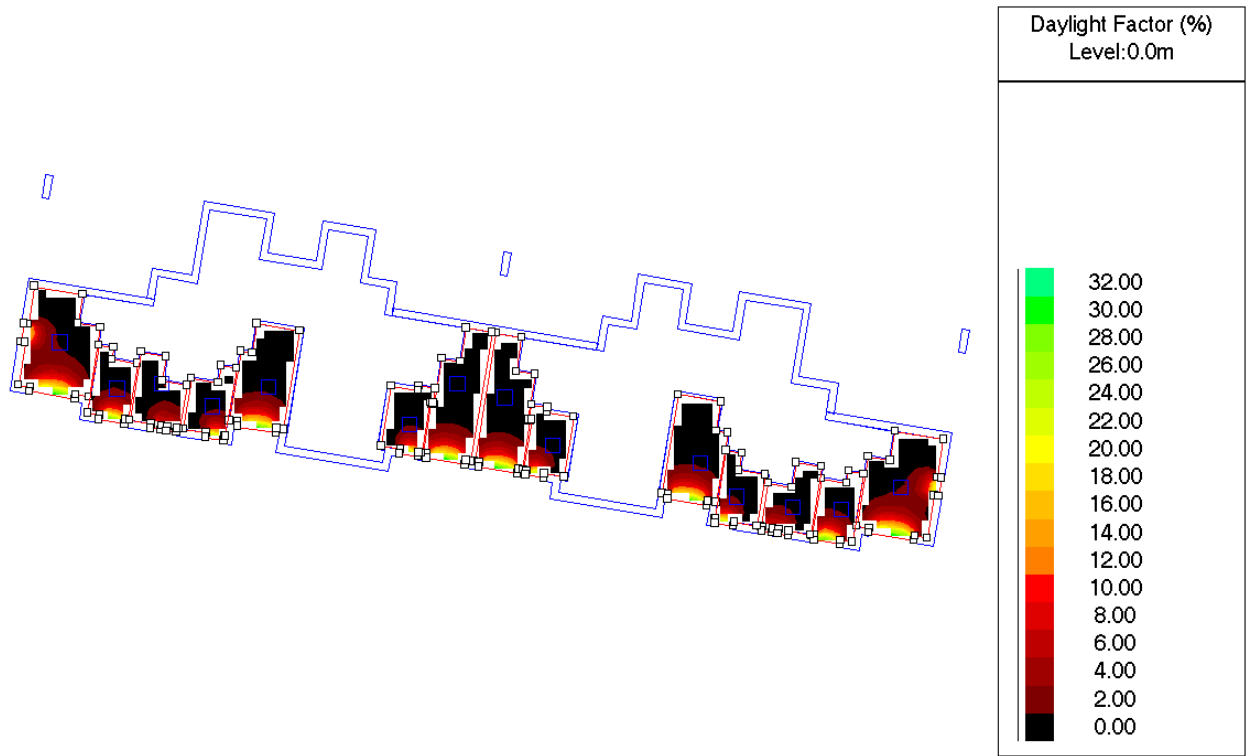


Figure 86 – Apartment Block L Ground Floor Daylight Factor Mapping

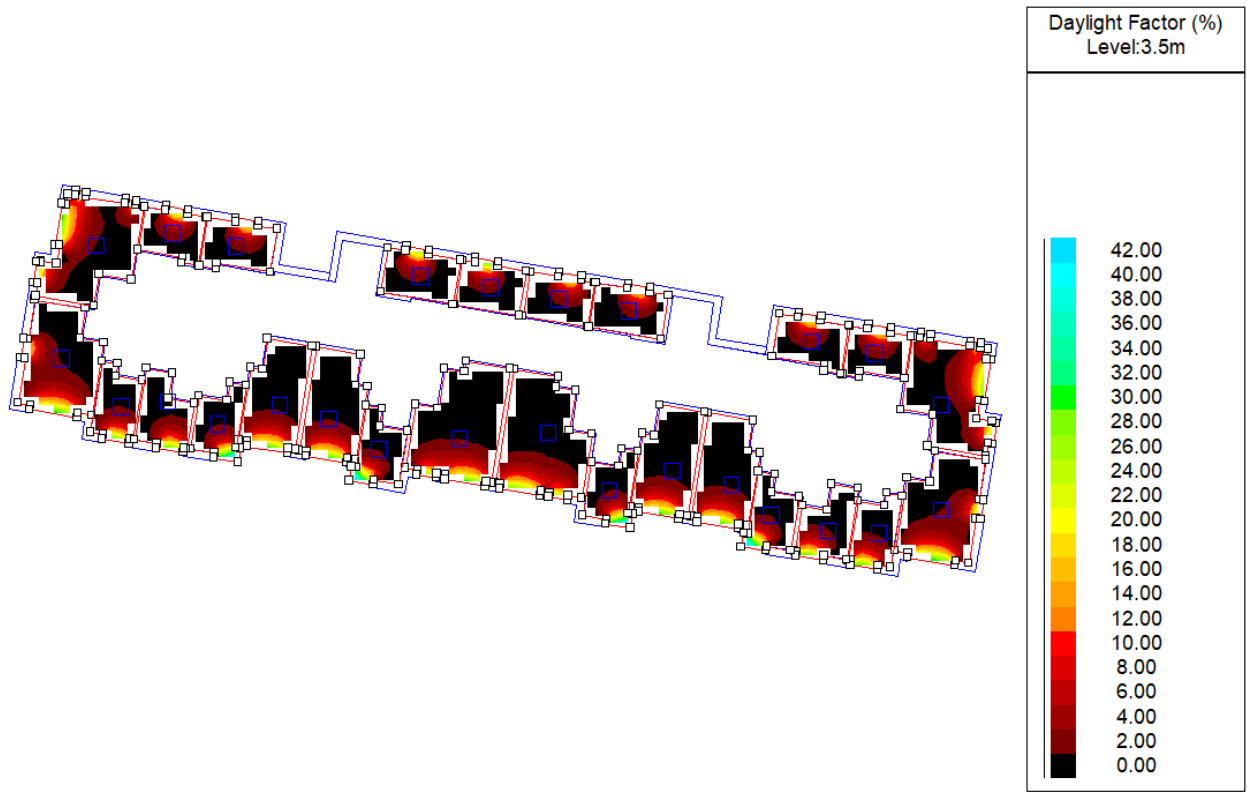


Figure 87 – Apartment Block L First Floor Daylight Factor Mapping

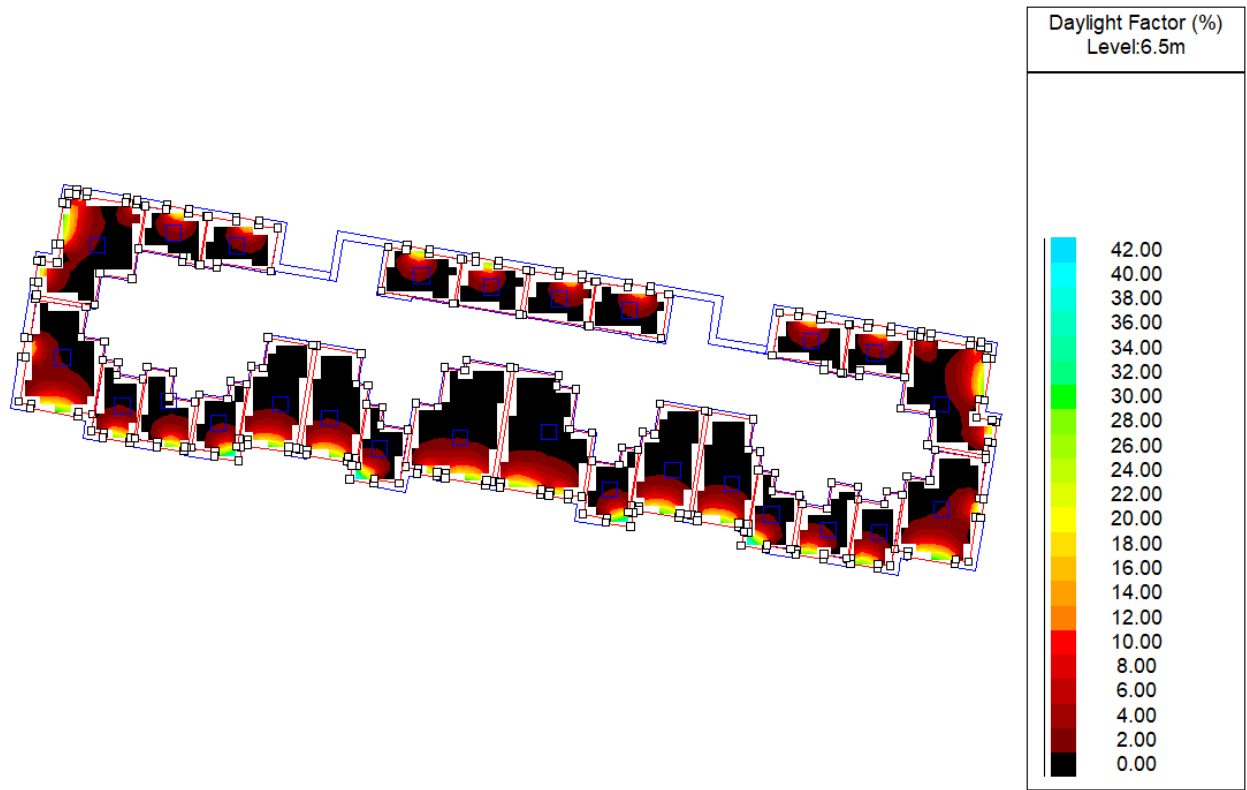


Figure 88 – Apartment Block L Second Floor Daylight Factor Mapping

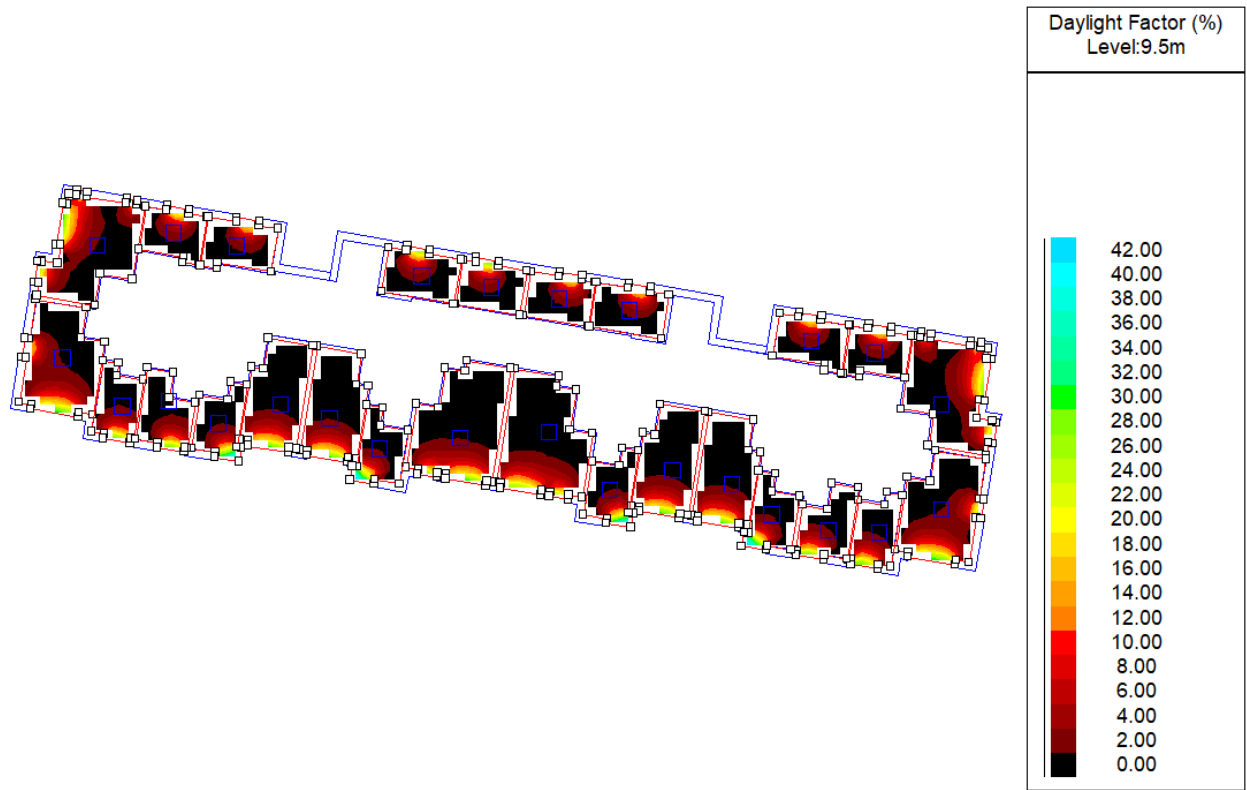


Figure 89 – Apartment Block L Third Floor Daylight Factor Mapping

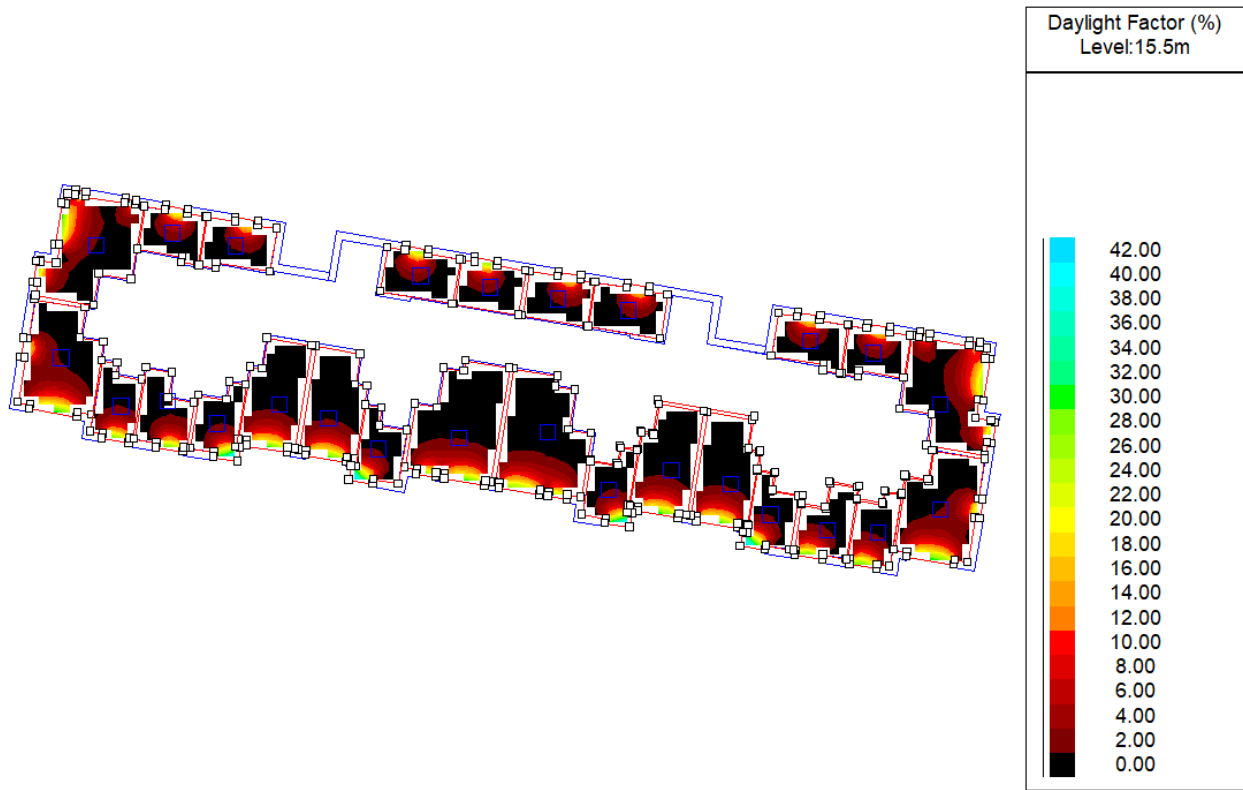


Figure 90 – Apartment Block L Fourth Floor Daylight Factor Mapping

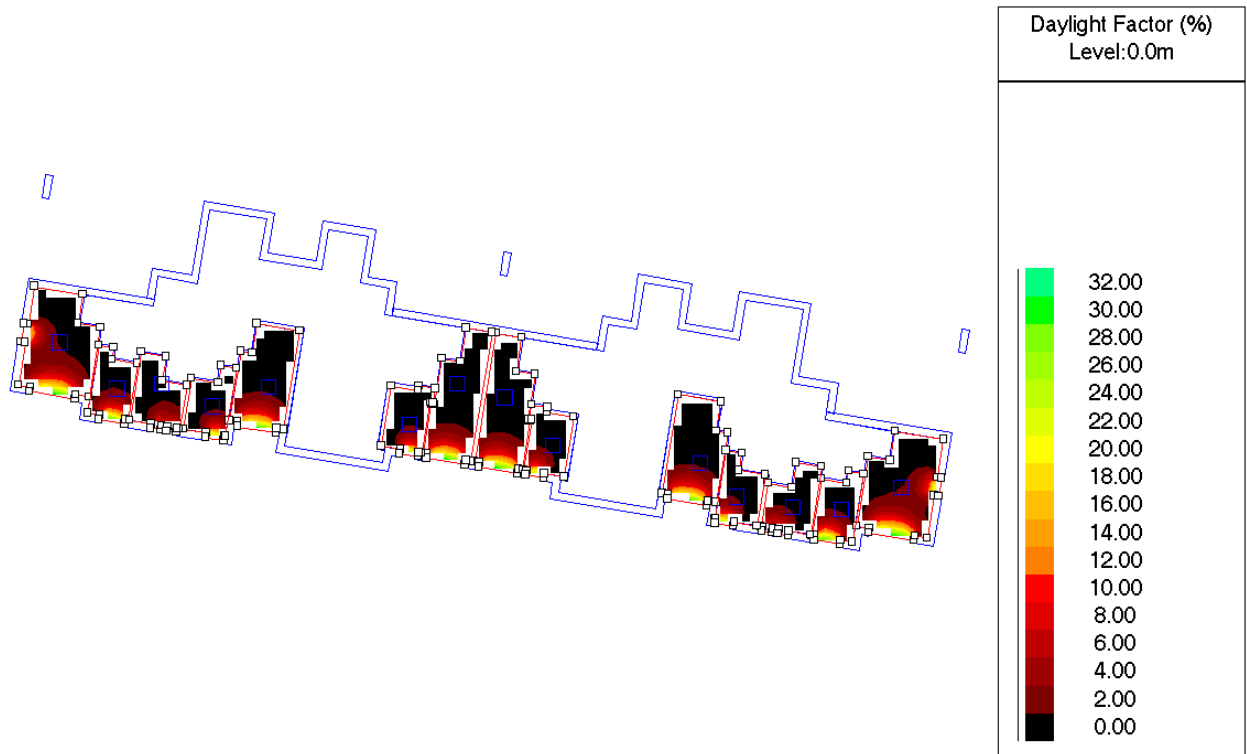


Figure 91 – Apartment Block M Ground Floor Daylight Factor Mapping

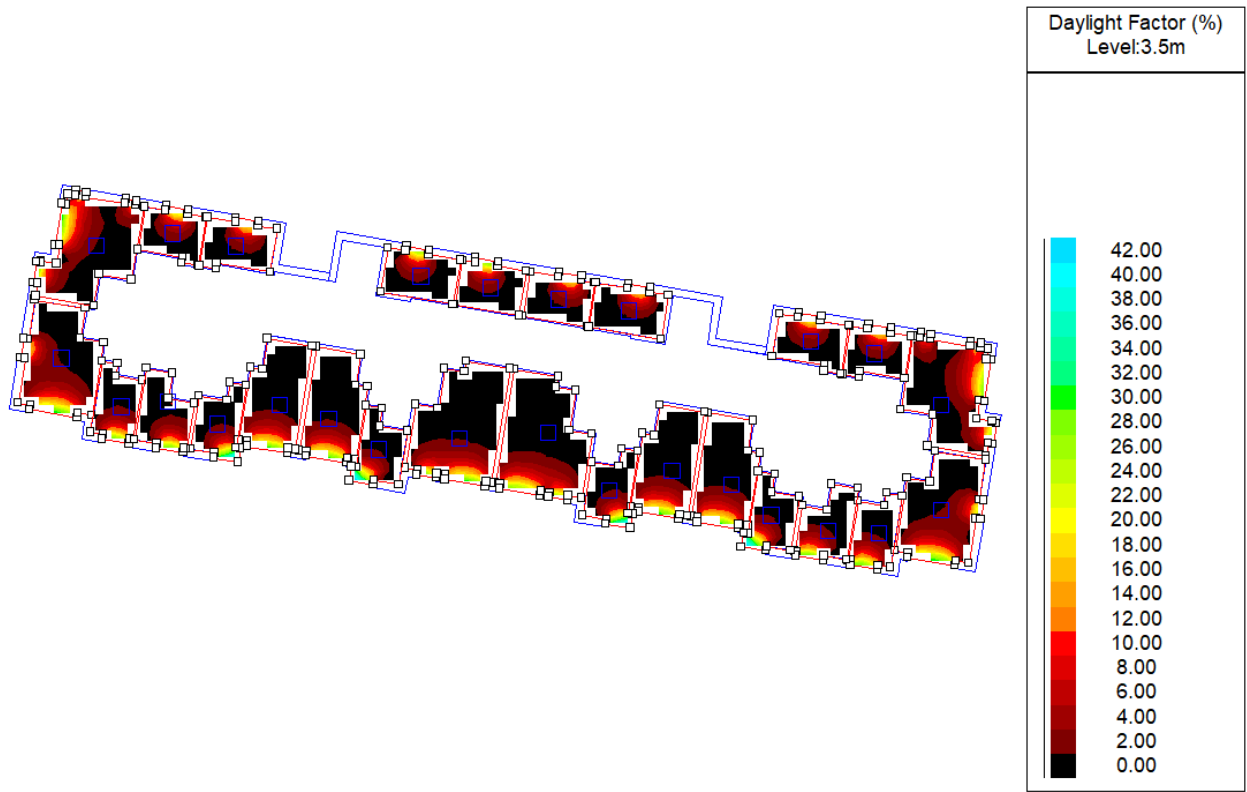


Figure 92 – Apartment Block M First Floor Daylight Factor Mapping

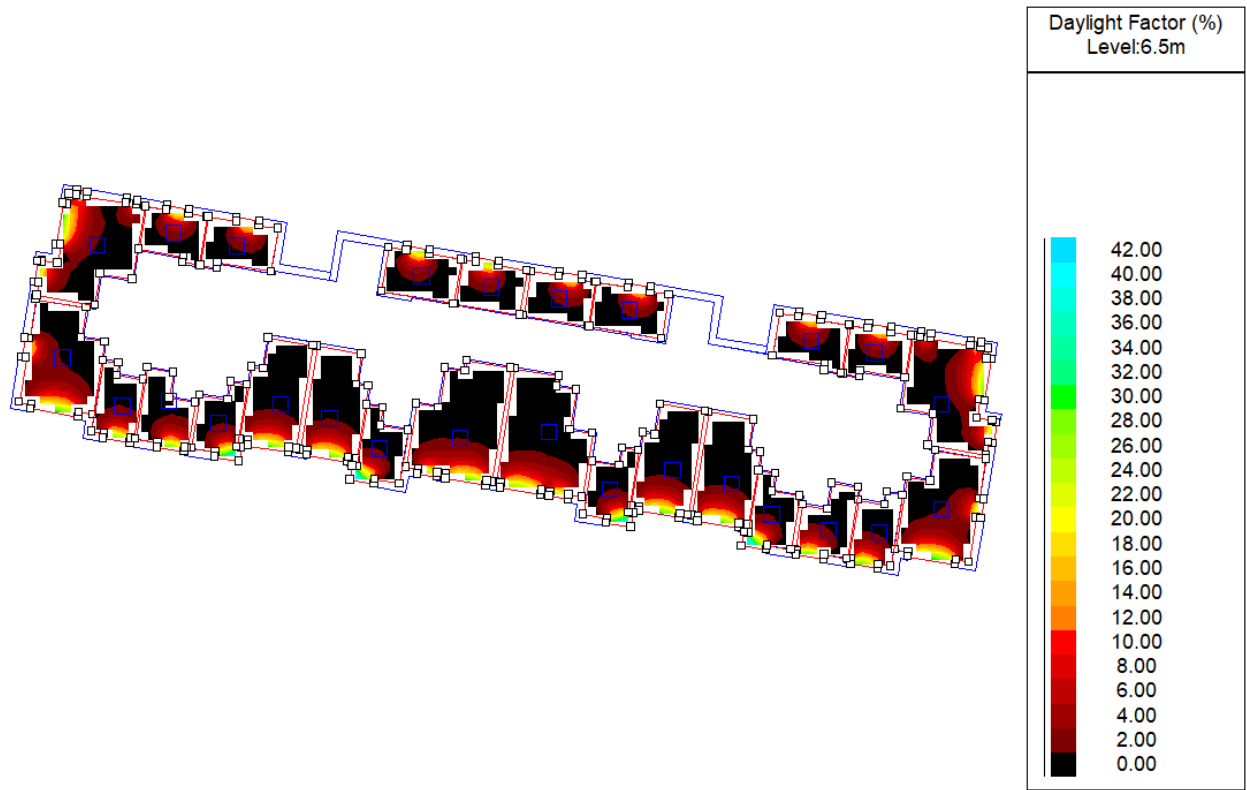


Figure 93 – Apartment Block M Second Floor Daylight Factor Mapping

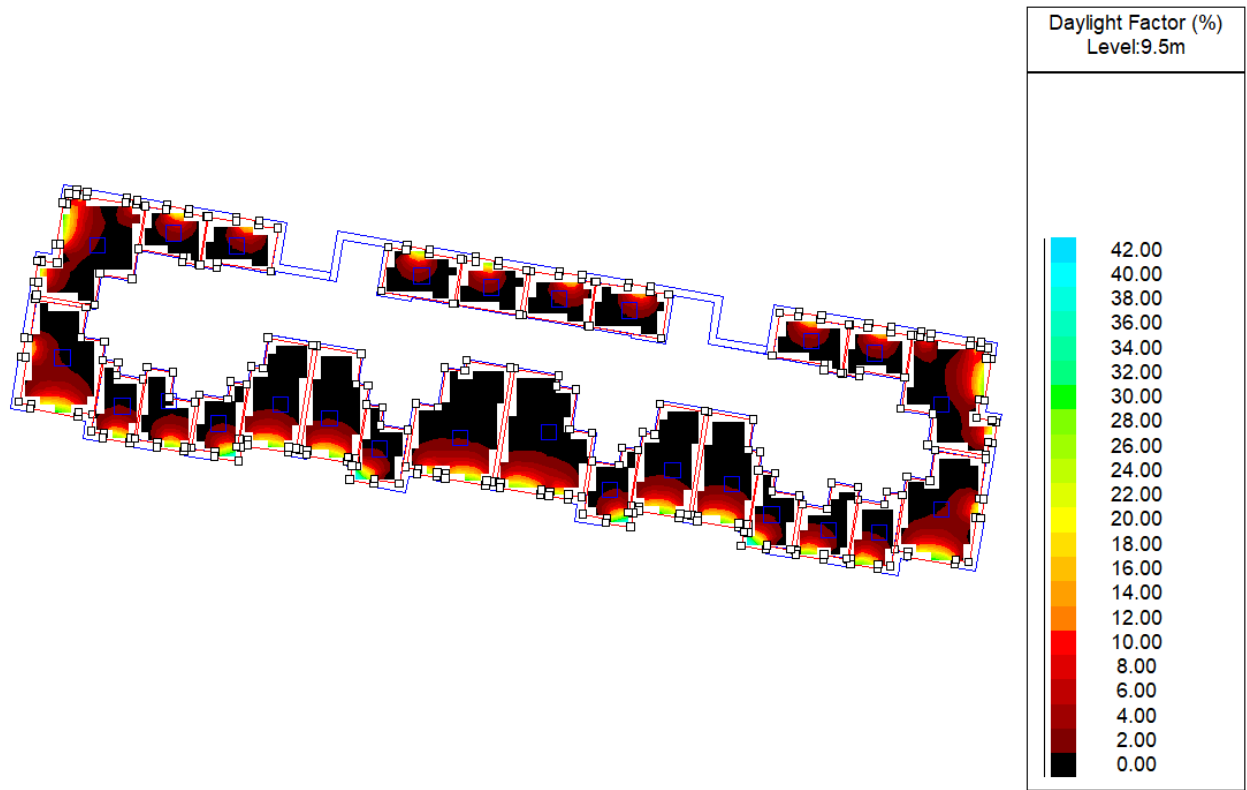


Figure 94 - Apartment Block M Third Floor Daylight Factor Mapping

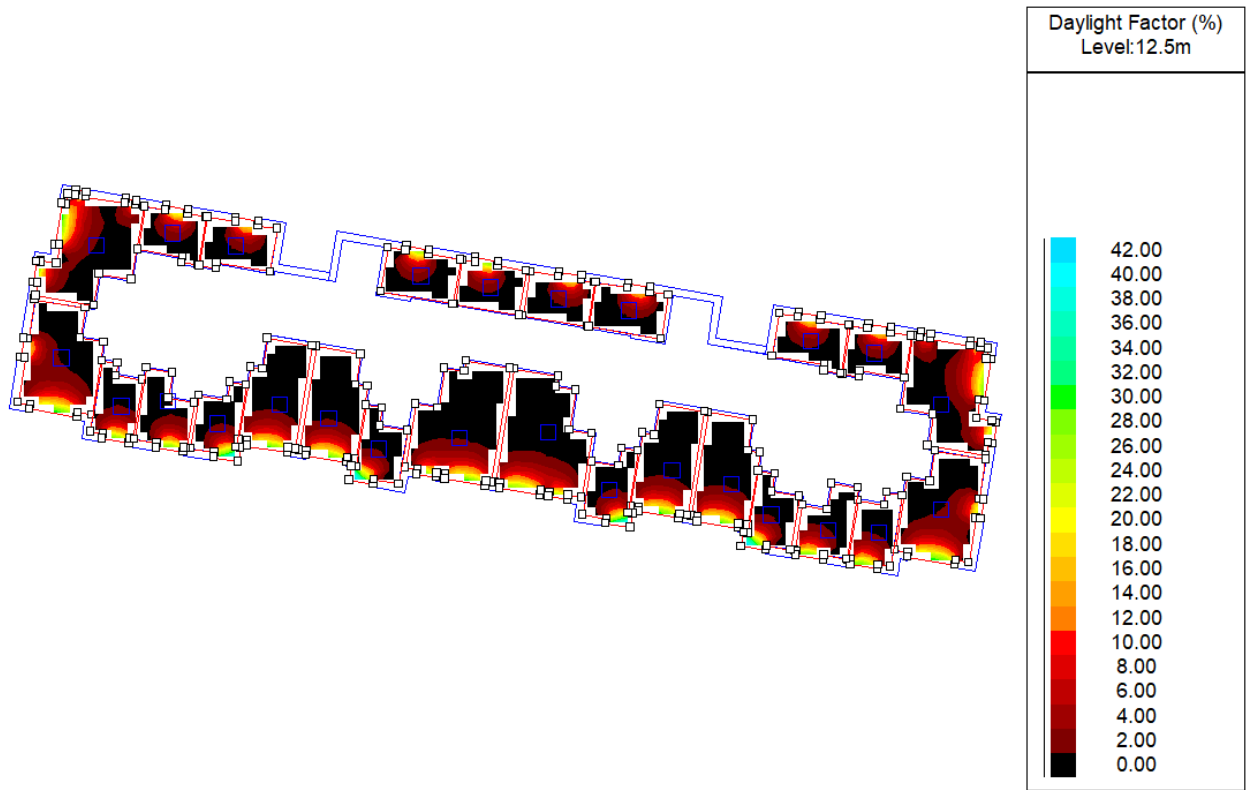


Figure 95 - Apartment Block M Fourth Floor Daylight Factor Mapping

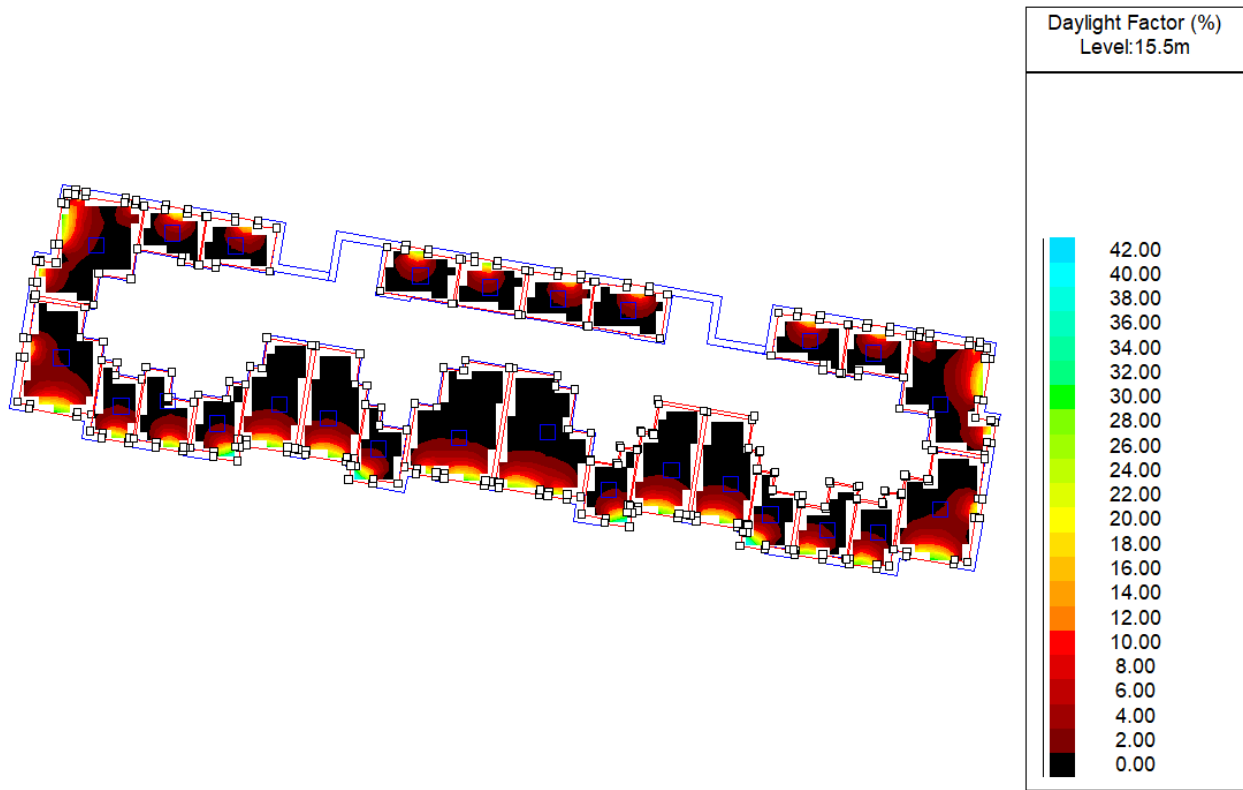


Figure 96 - Apartment Block M Fifth Floor Daylight Factor Mapping

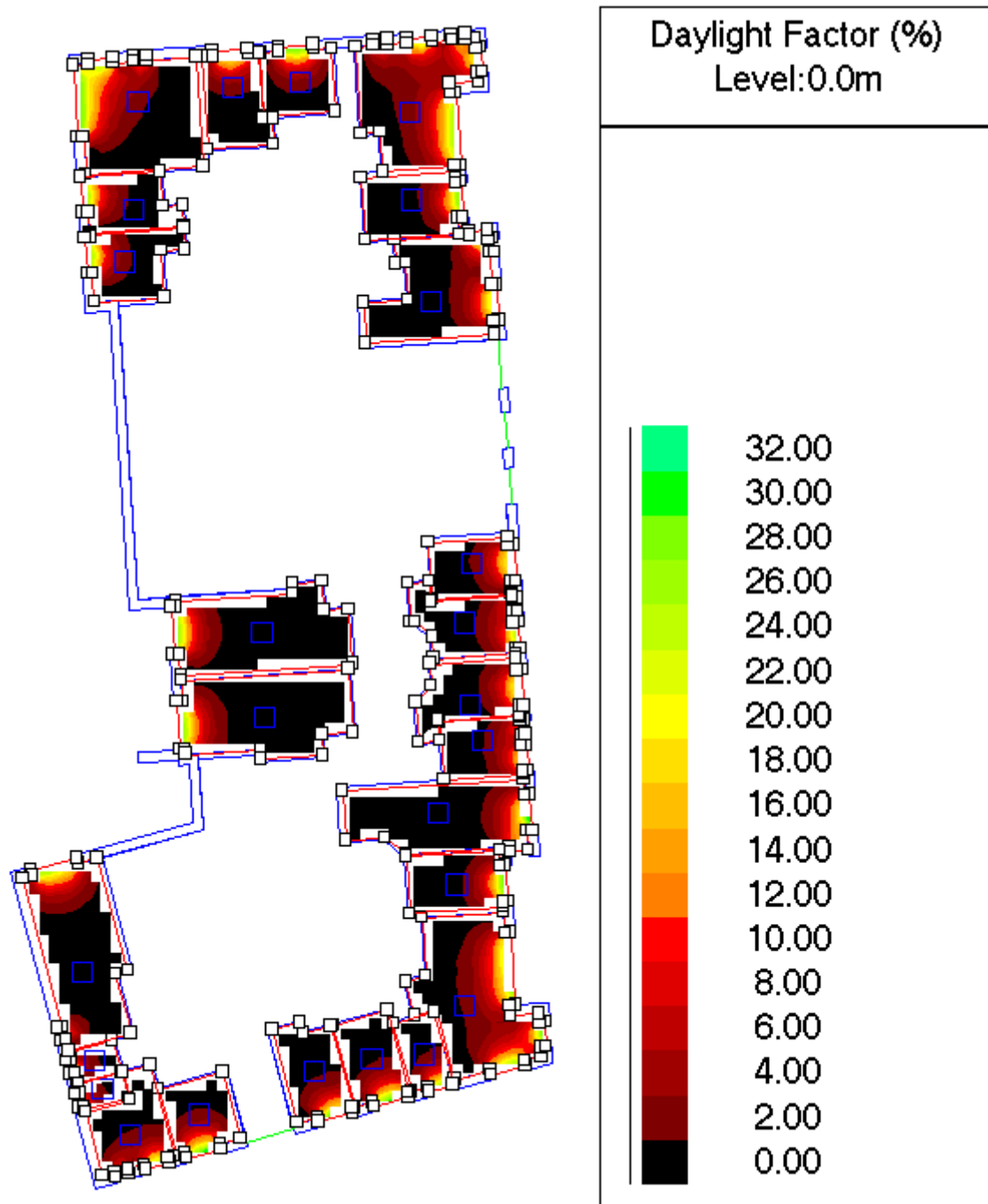


Figure 97 - Apartment Block N Ground Floor Daylight Factor Mapping

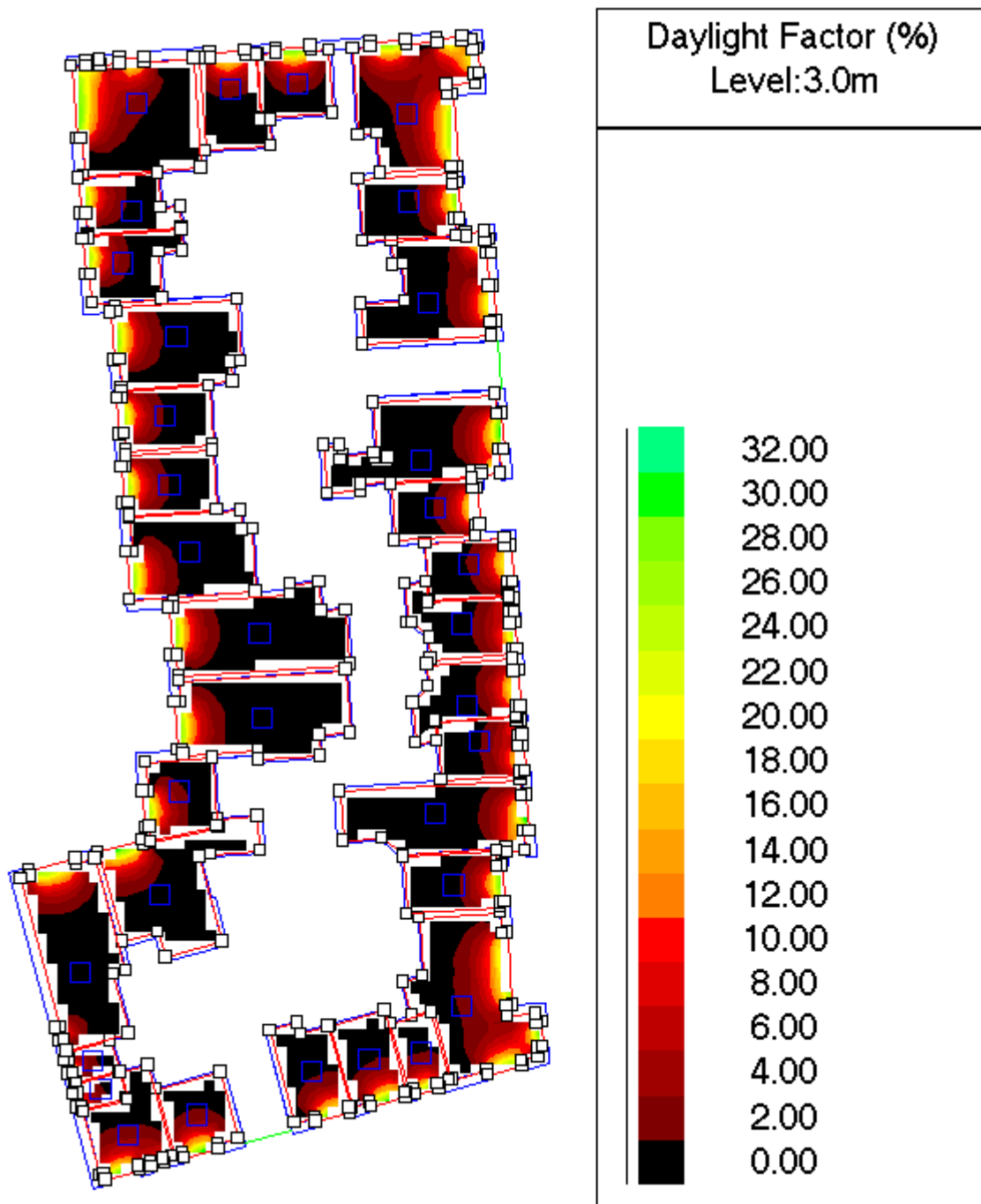


Figure 98 - Apartment Block N First Floor Daylight Factor Mapping

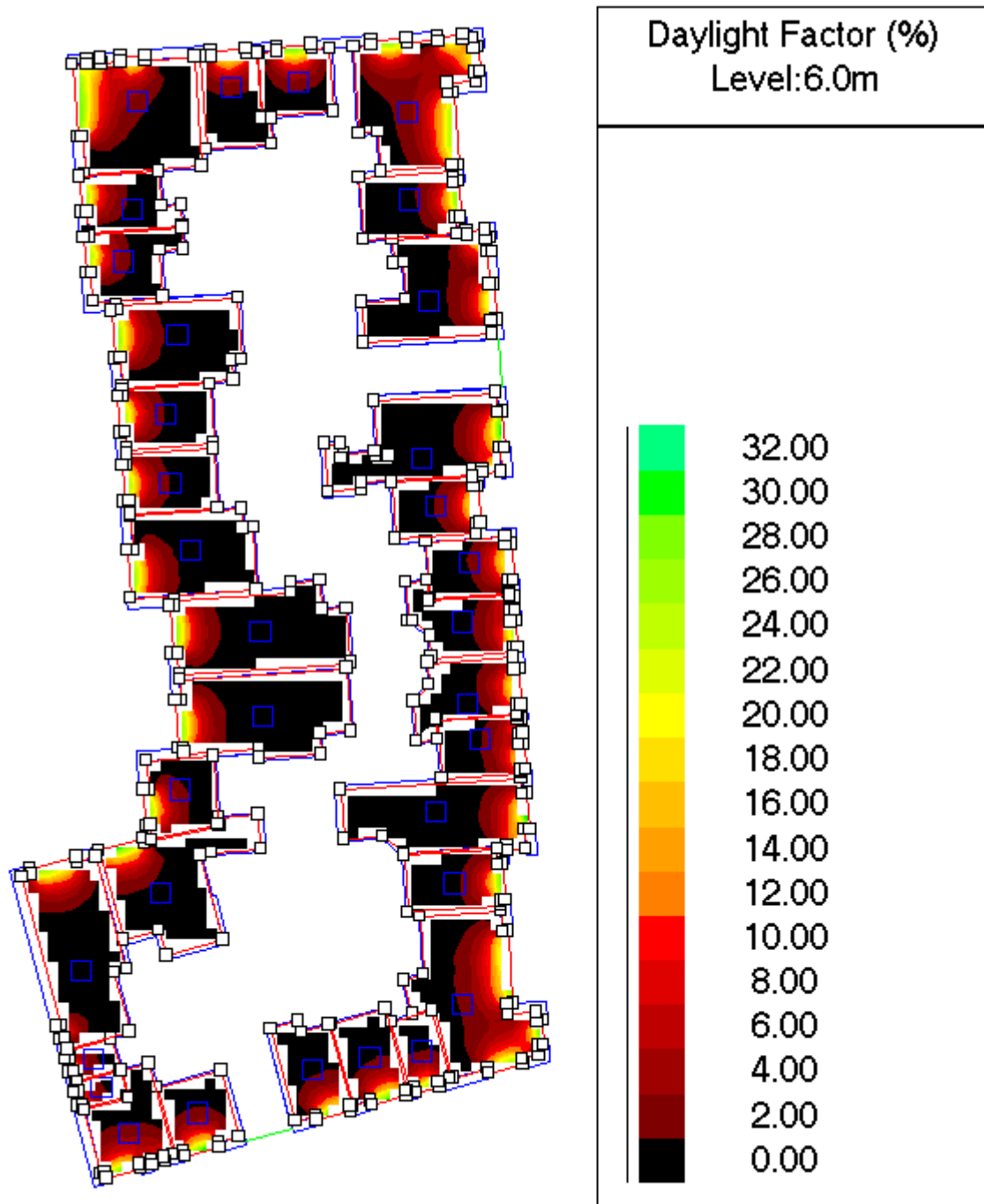


Figure 99 - Apartment Block N Second Floor Daylight Factor Mapping

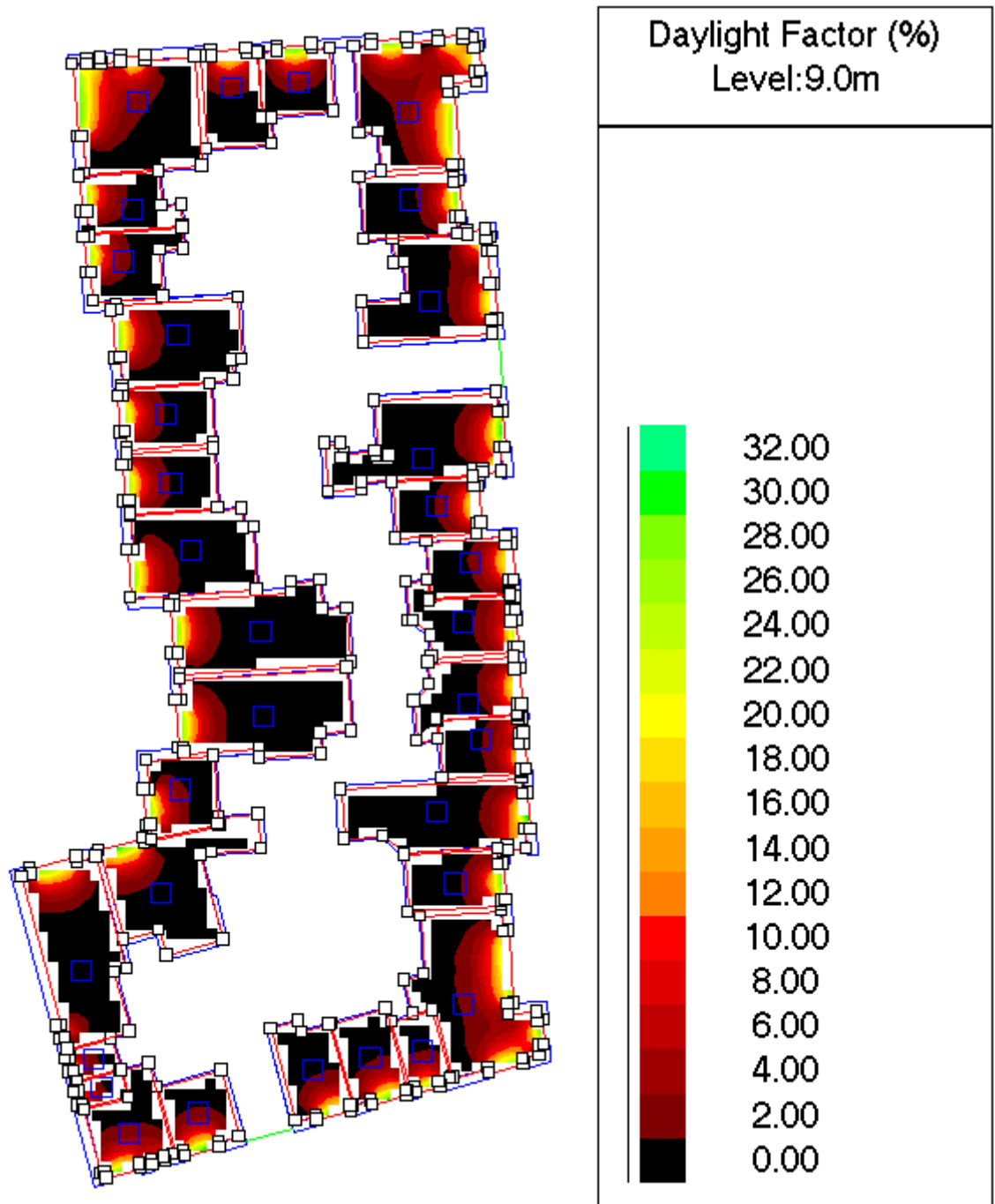


Figure 100 - Apartment Block N Third Floor Daylight Factor Mapping

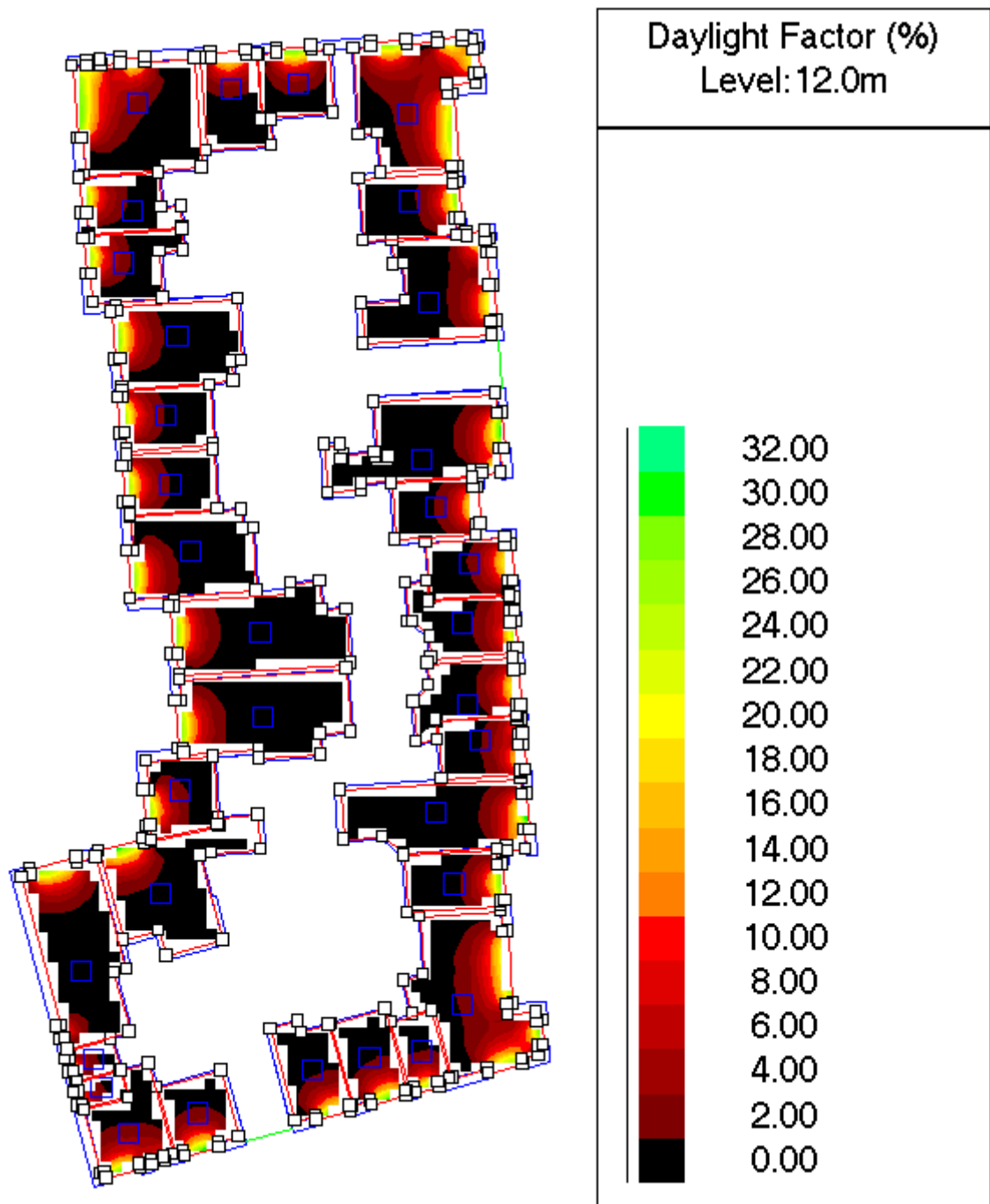


Figure 101 - Apartment Block N Fourth Floor Daylight Factor Mapping

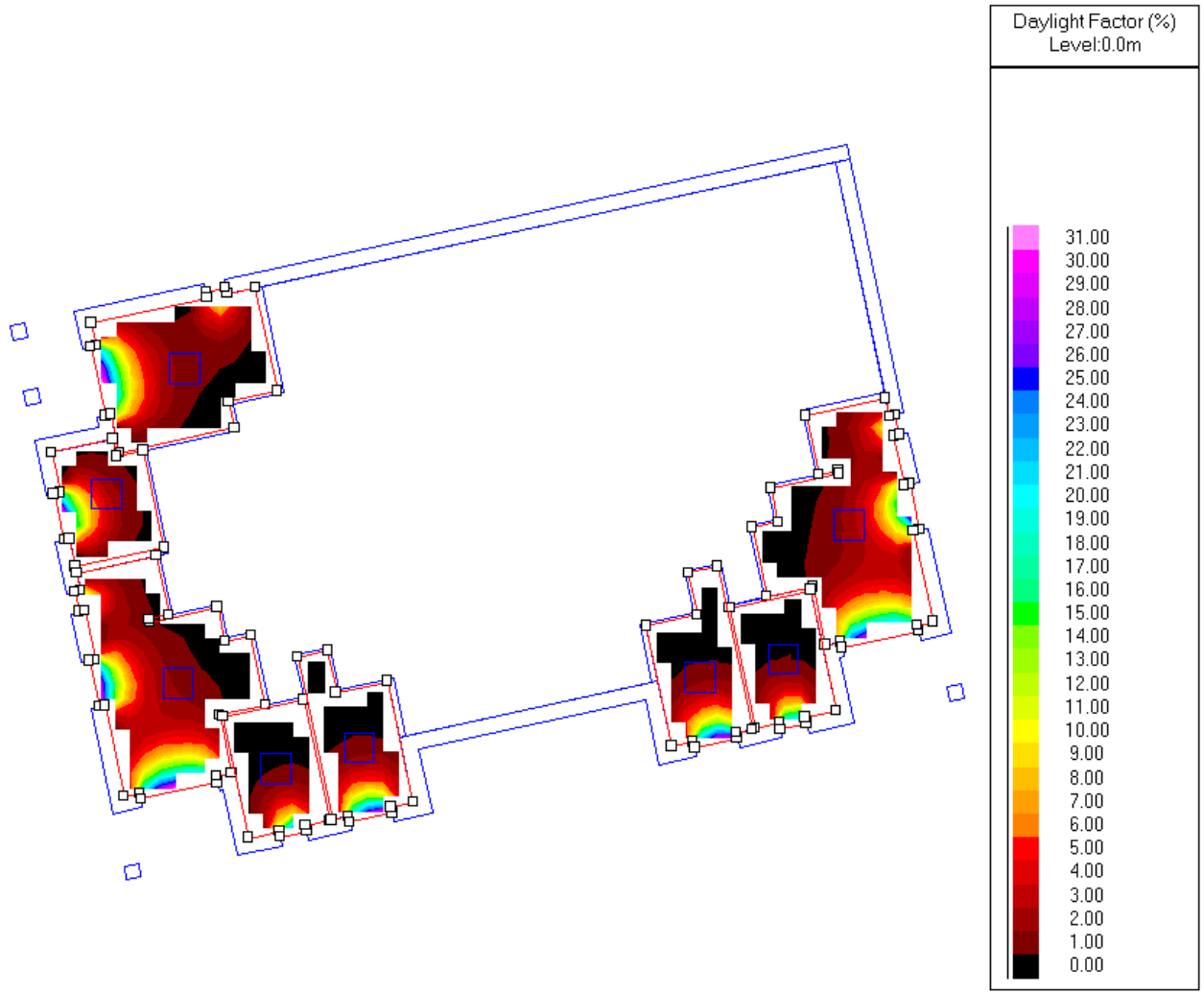


Figure 102 - Apartment Block P Ground Floor Daylight Factor Mapping

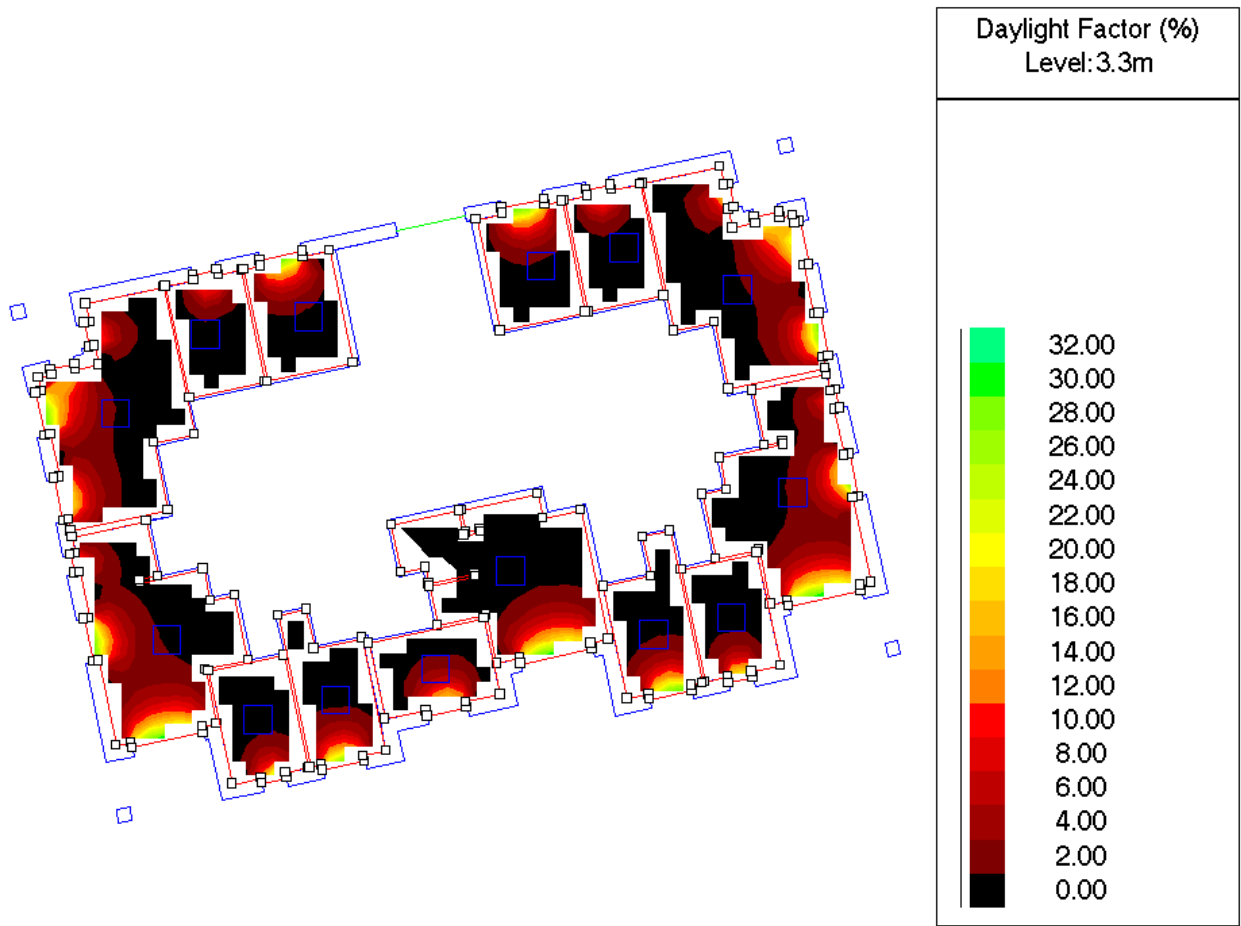


Figure 103 - Apartment Block P First Floor Daylight Factor Mapping

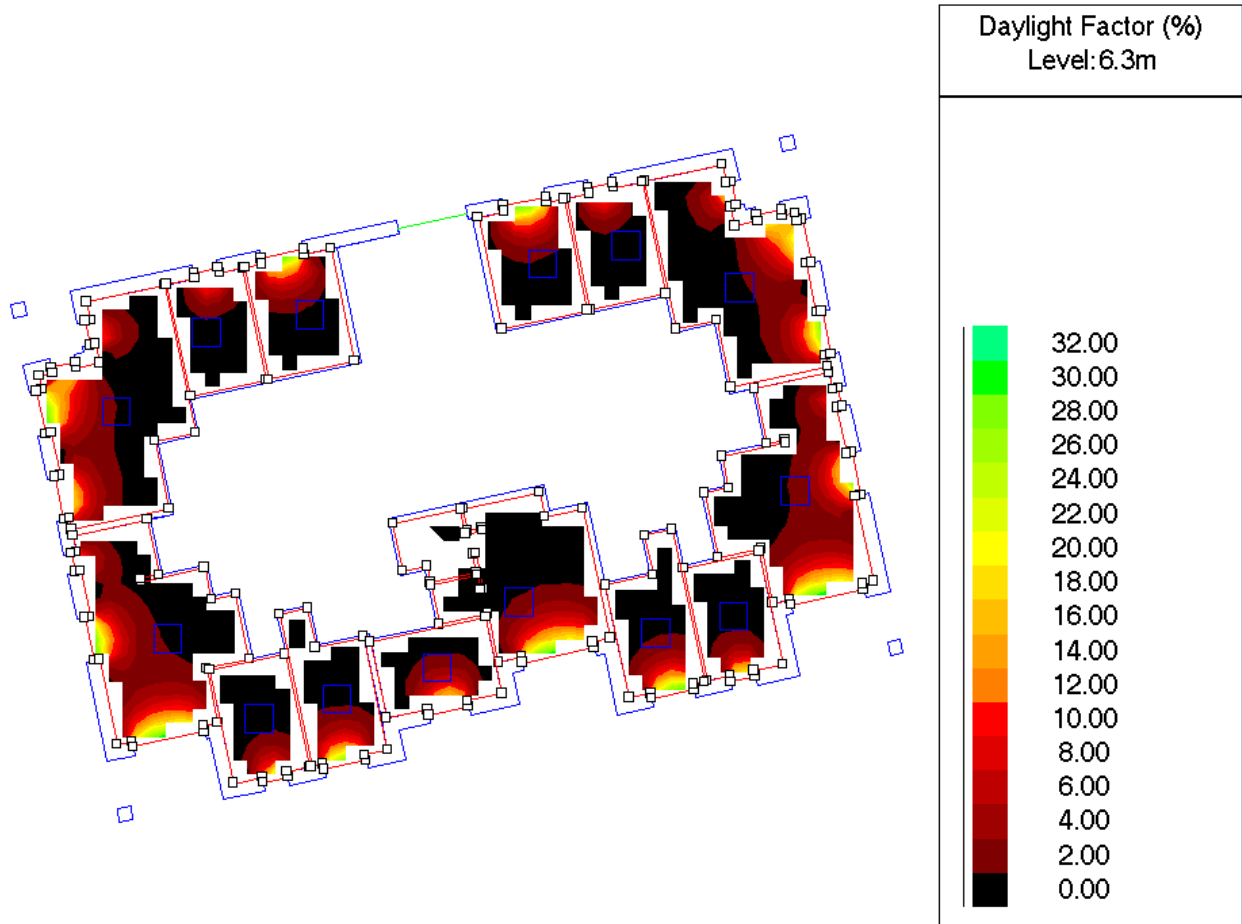


Figure 104 - Apartment Block P Second Floor Daylight Factor Mapping

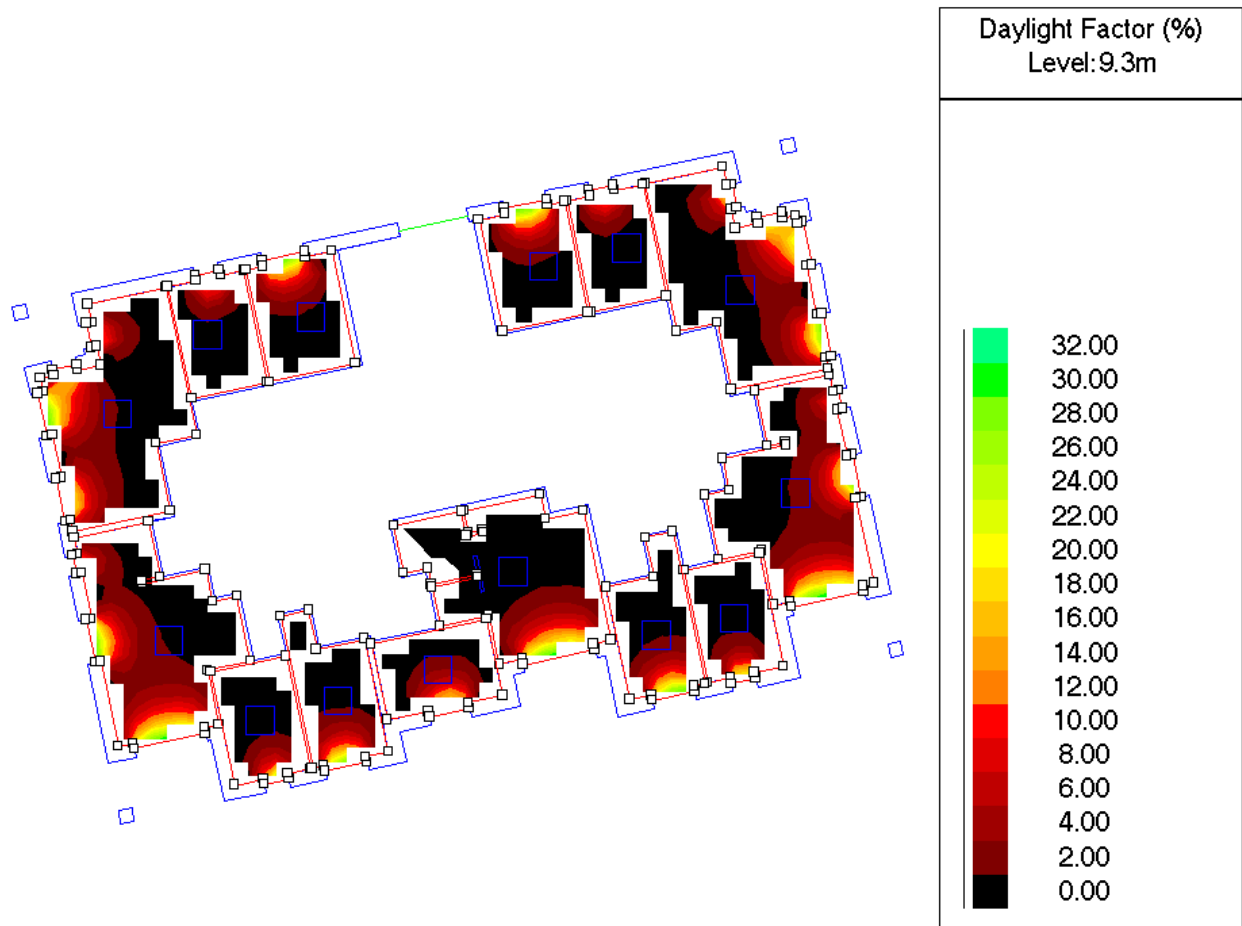


Figure 105 - Apartment Block P Third Floor Daylight Factor Mapping

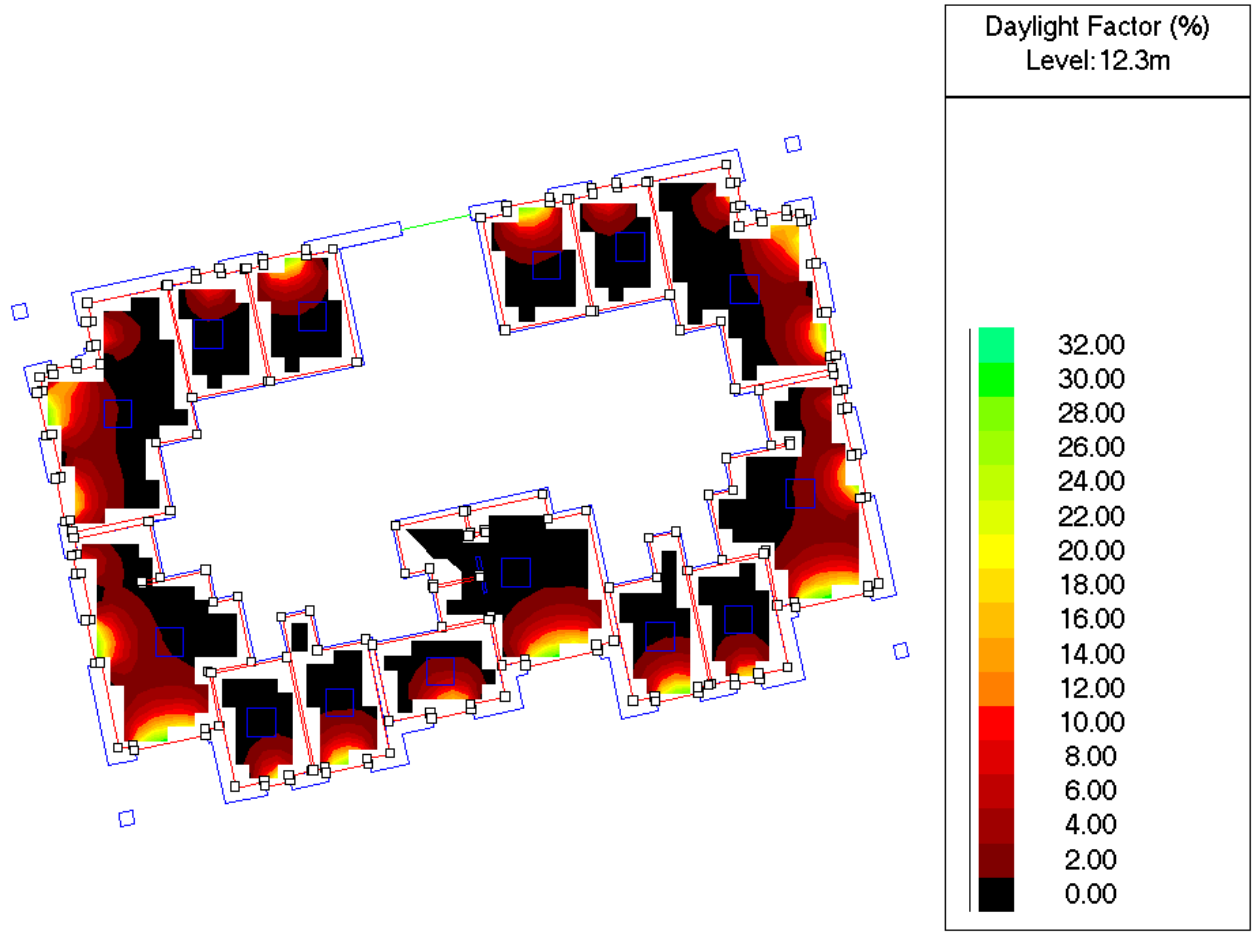


Figure 106 - Apartment Block P Fourth Floor Daylight Factor Mapping

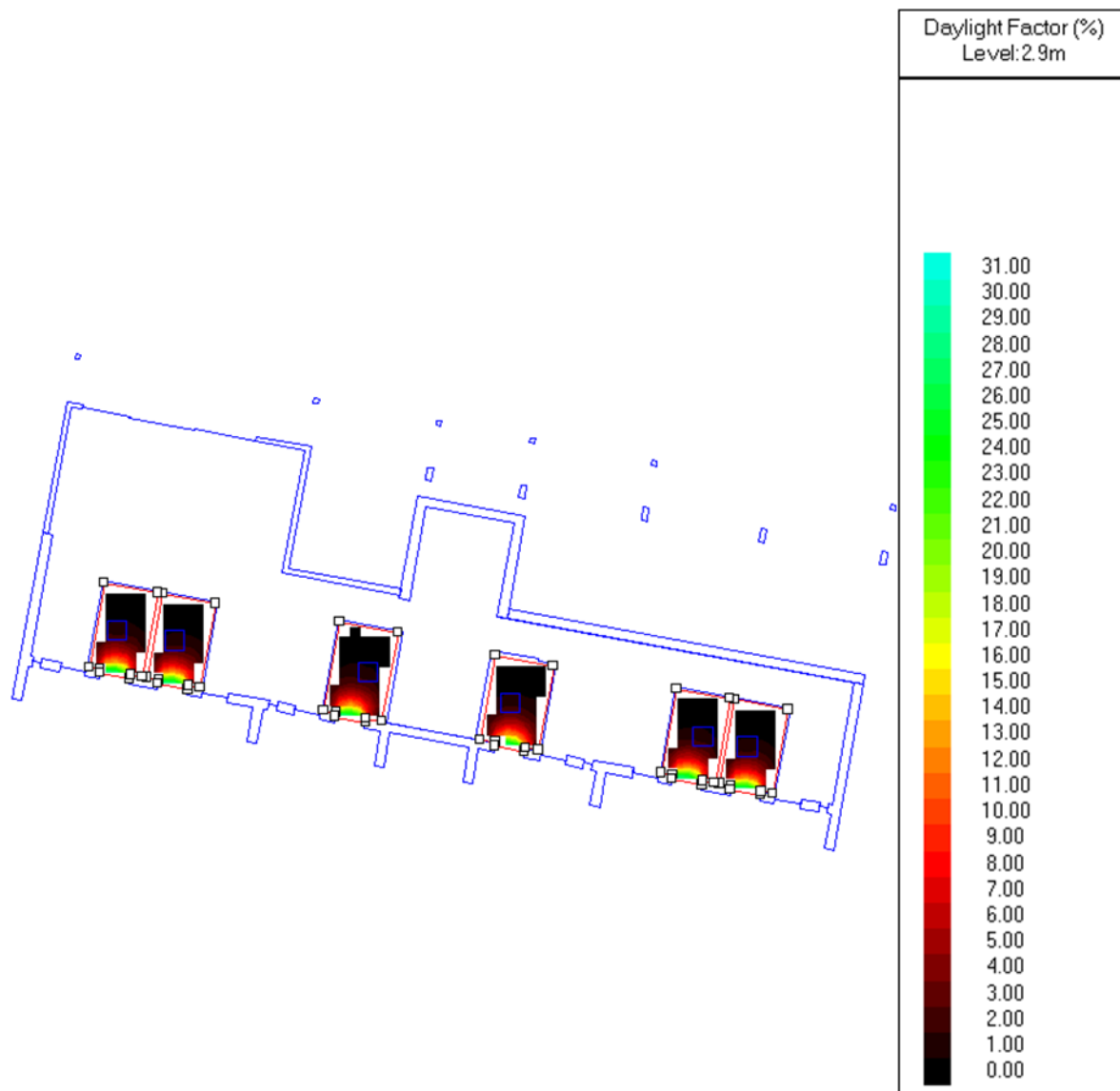


Figure 107 - Duplex Block 1 Ground Floor Daylight Factor Mapping

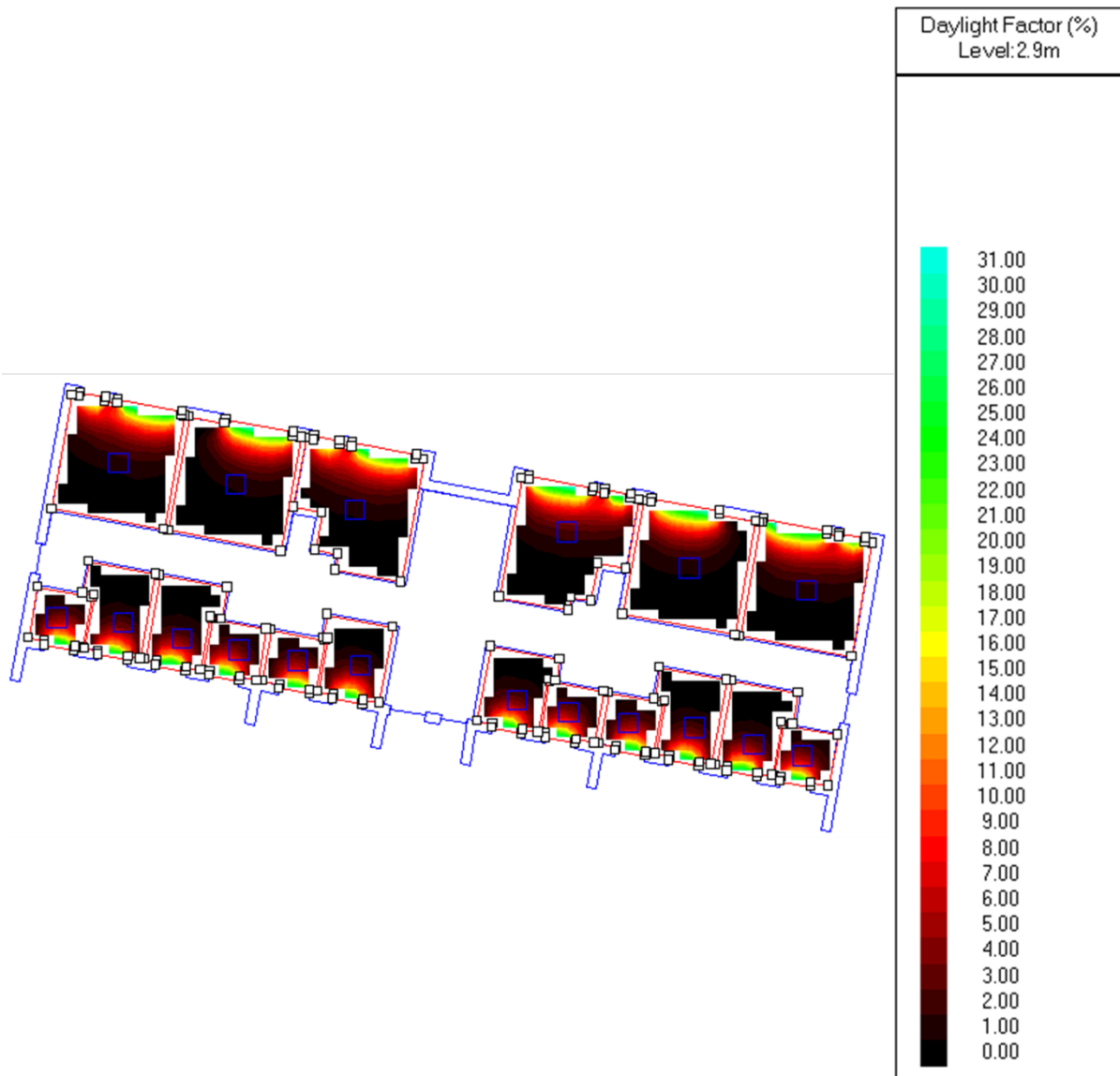


Figure 108 - Duplex Block 1 First Floor Daylight Factor Mapping

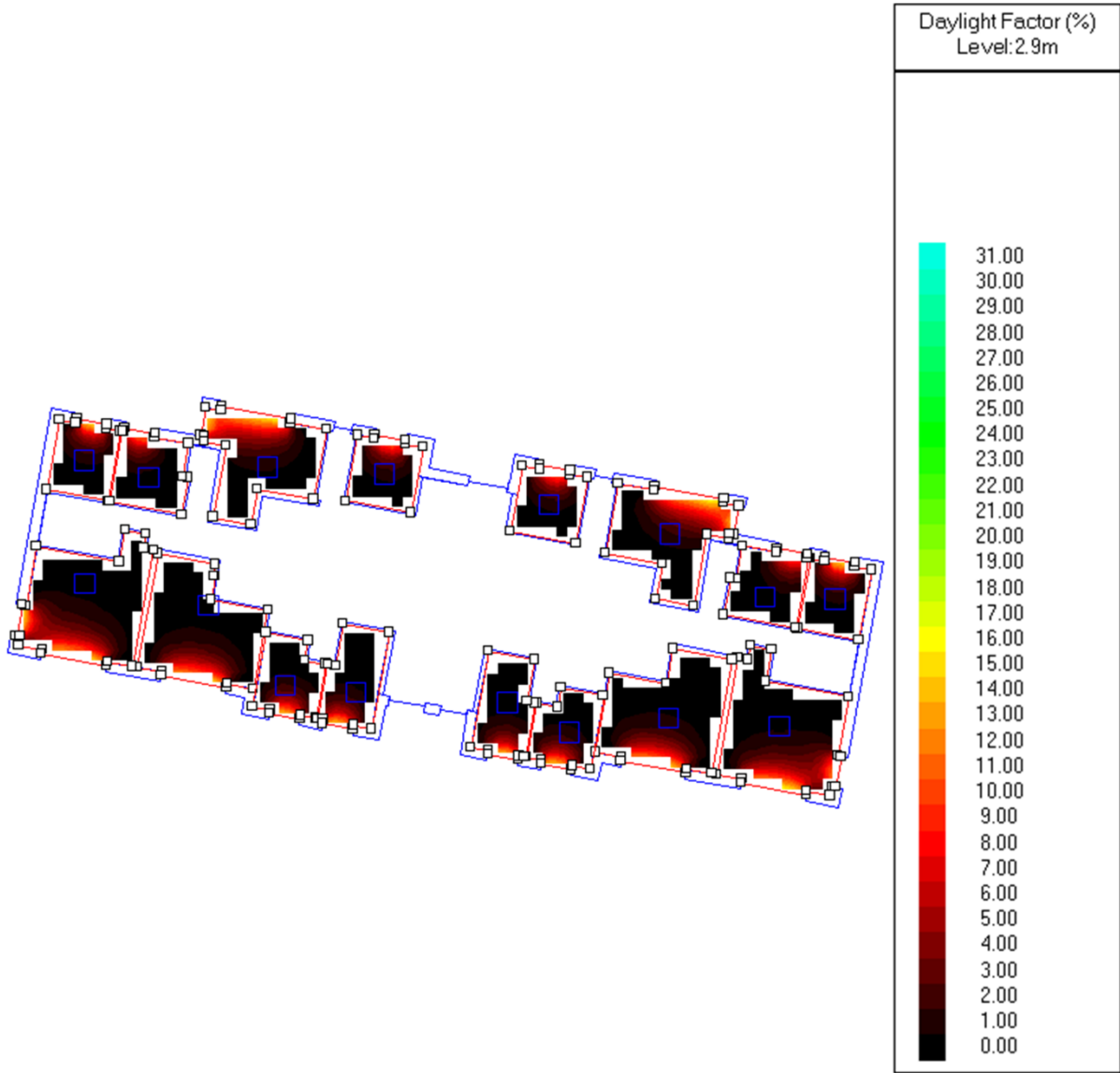


Figure 107 - Duplex Block 1 Second Floor Daylight Factor Mapping

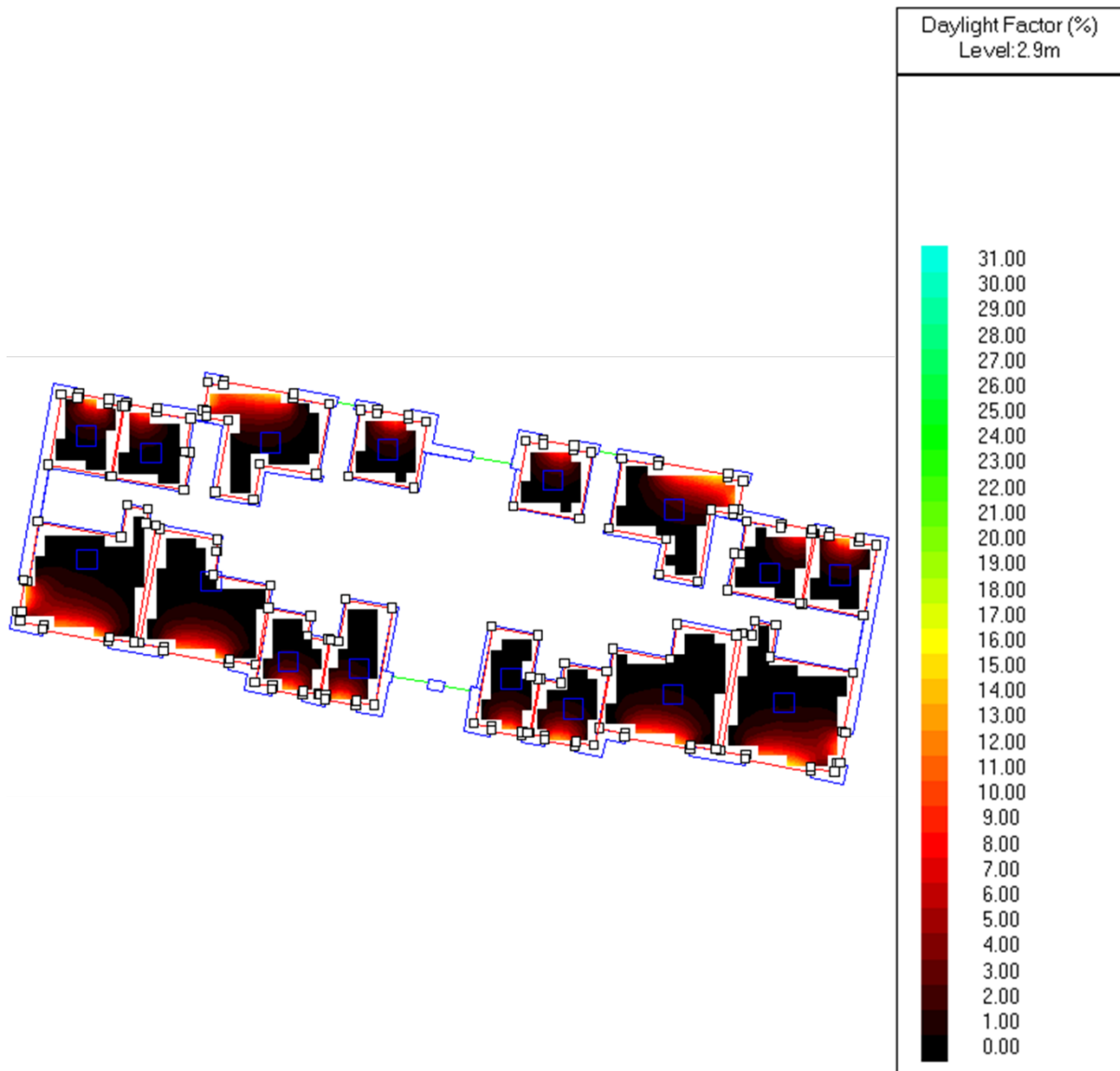


Figure 108 - Duplex Block 1 Third Floor Daylight Factor Mapping

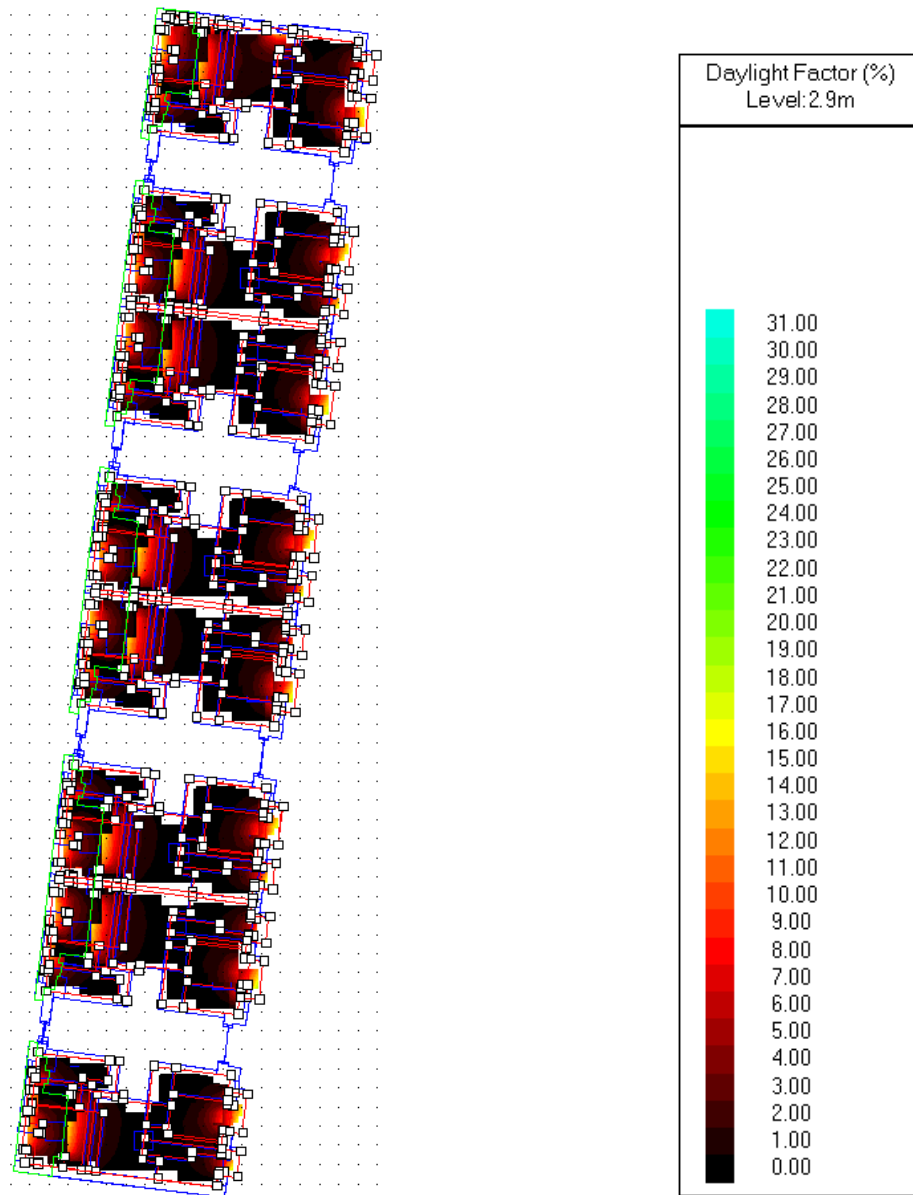


Figure 109 - Duplex Block 2 Ground Floor Daylight Factor Mapping

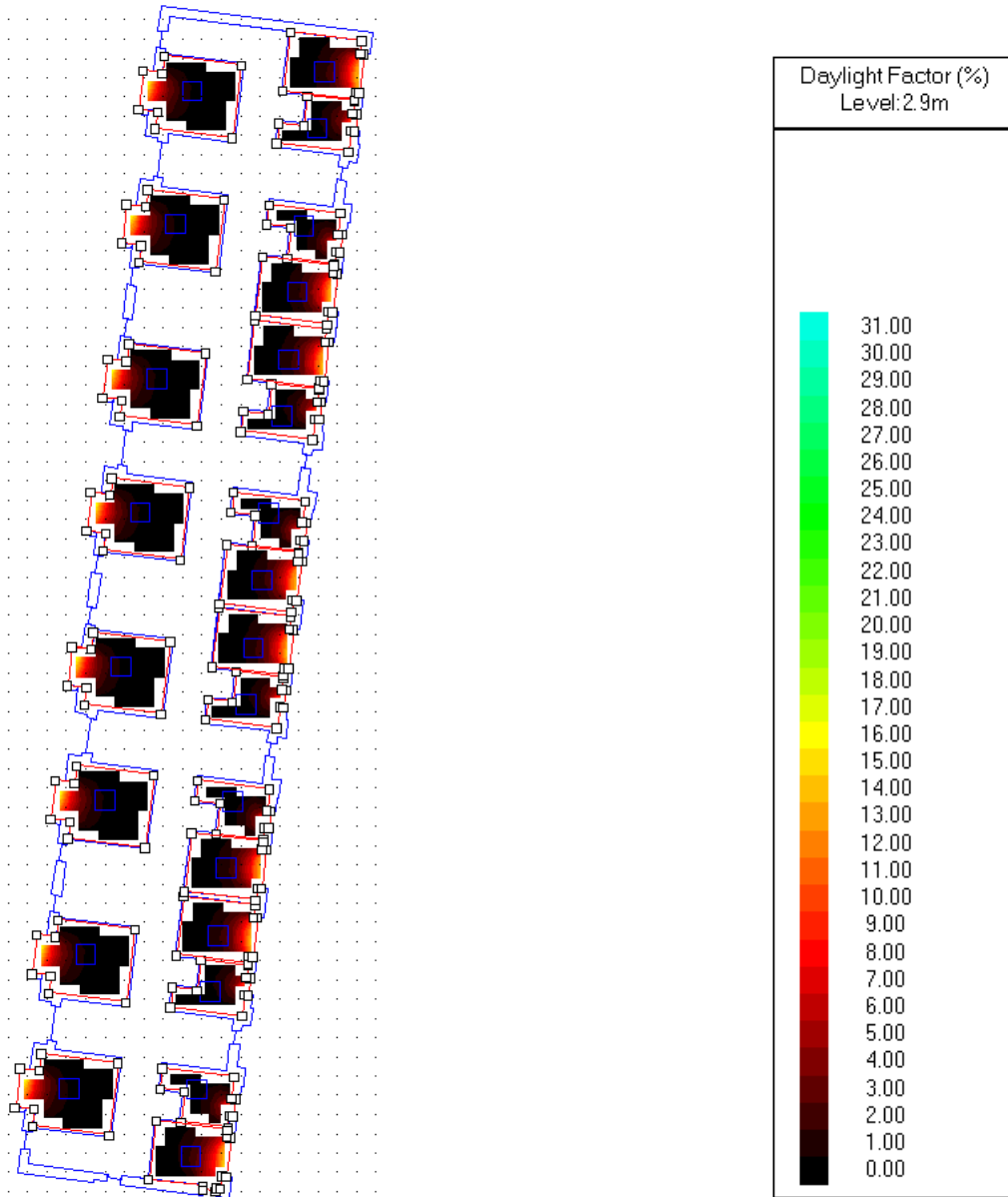


Figure 110 - Duplex Block 2 First Floor Daylight Factor Mapping

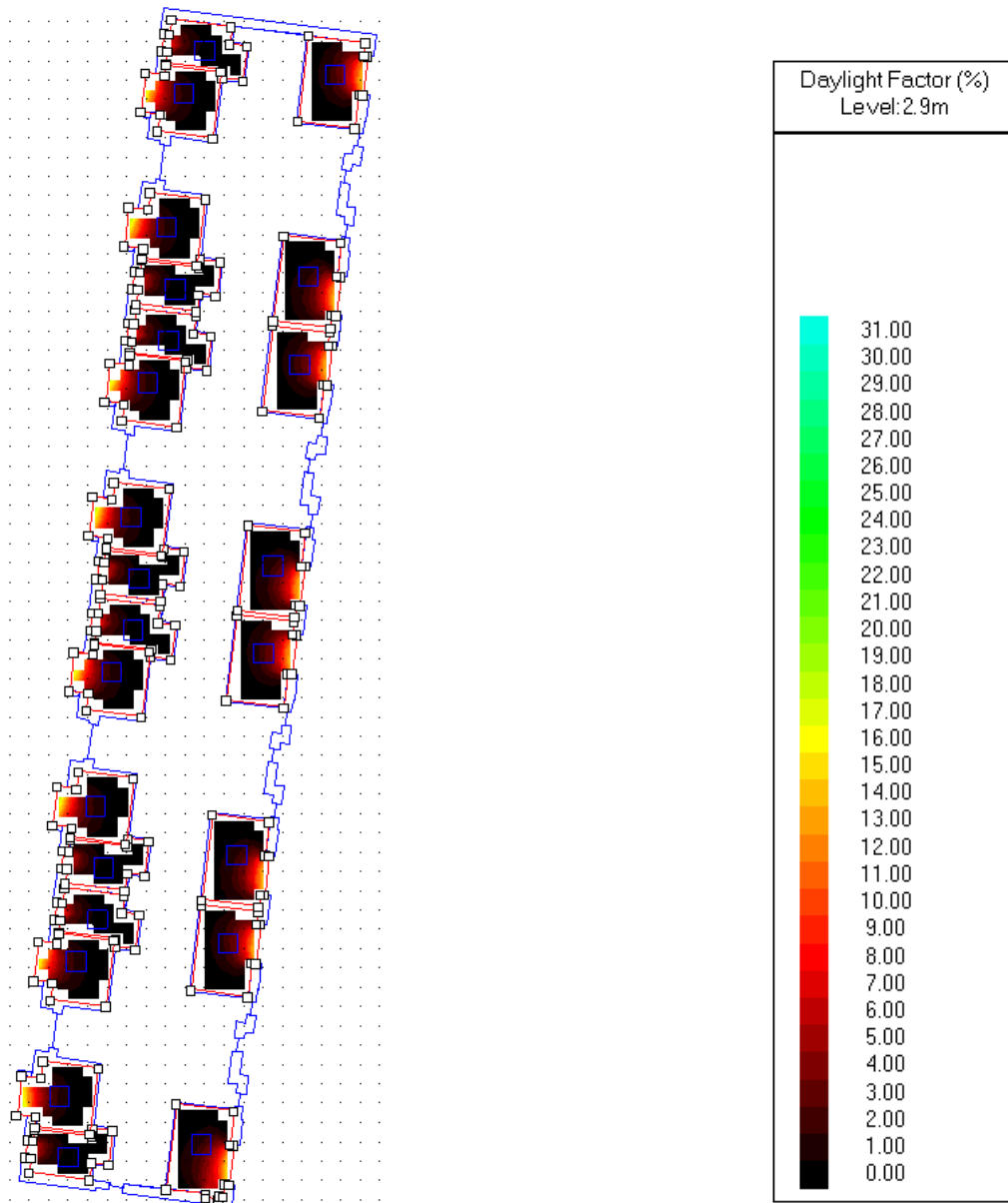


Figure 113 - Duplex Block 2 Second Floor Daylight Factor Mapping

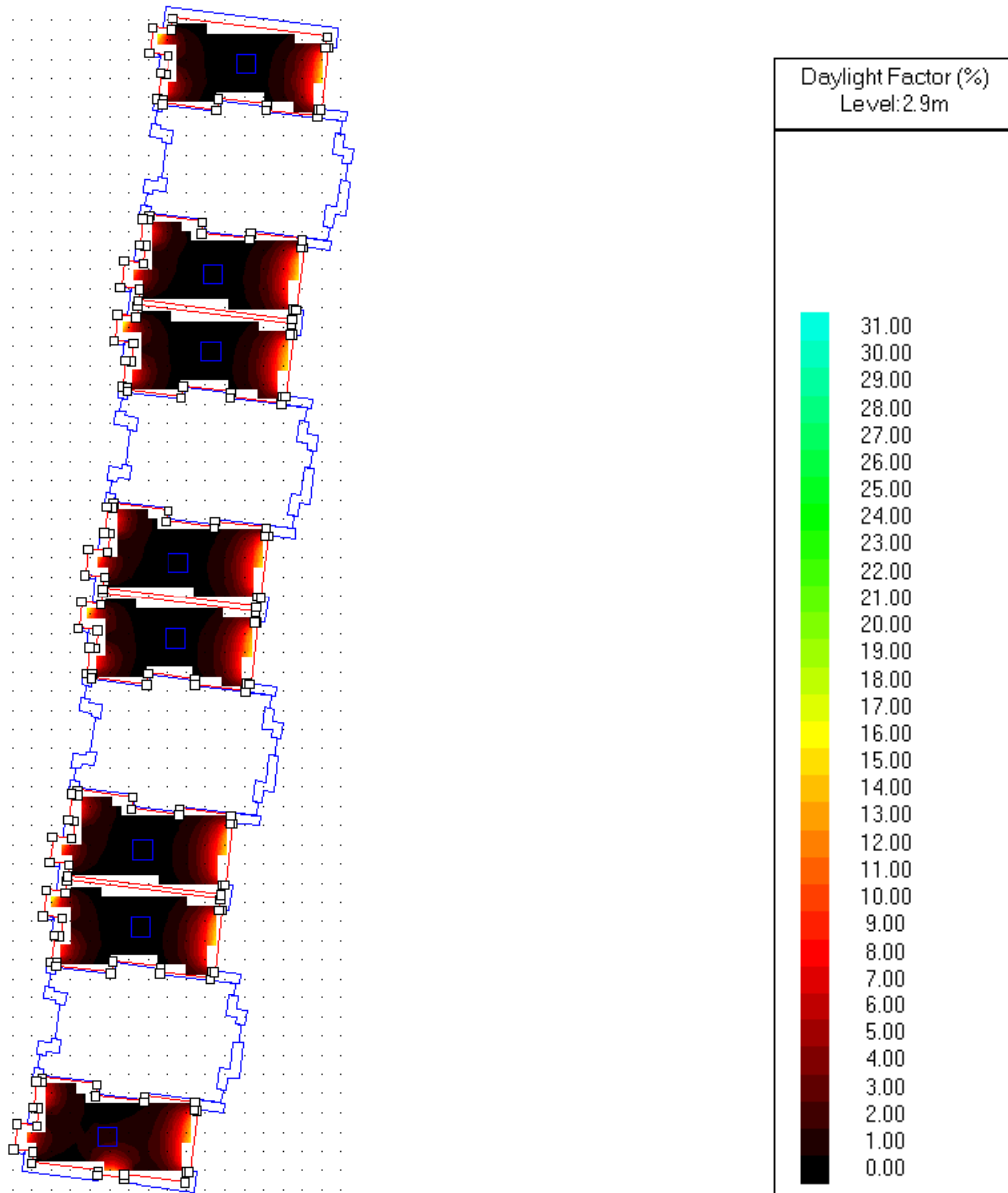


Figure 114 - Duplex Block 2 Third Floor Daylight Factor Mapping

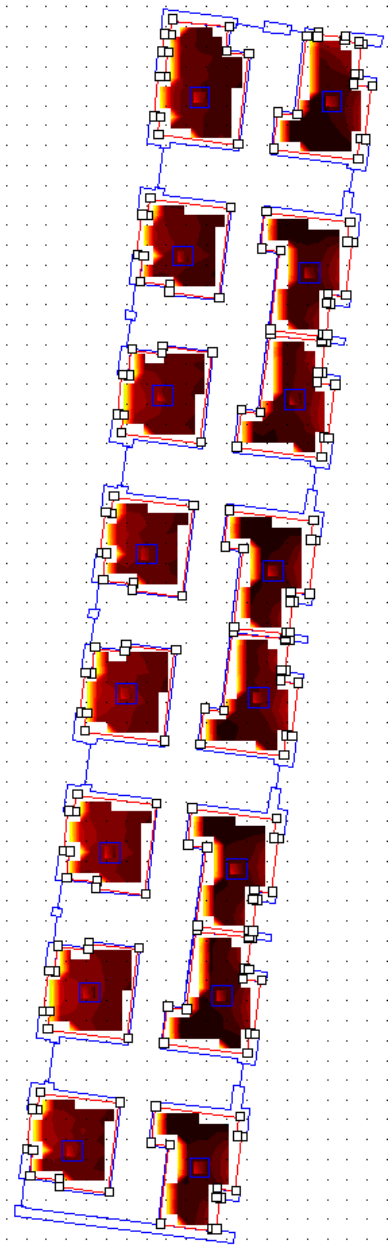


Figure 115 - Duplex Block 3 Ground Floor Daylight Factor Mapping

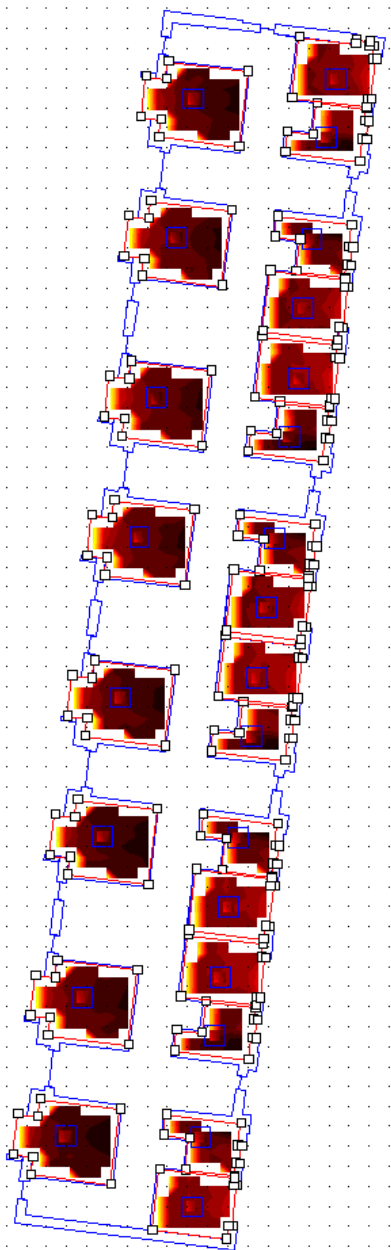


Figure 116 - Duplex Block 3 First Floor Daylight Factor Mapping



Figure 117 - Duplex Block 3 Second Floor Daylight Factor Mapping

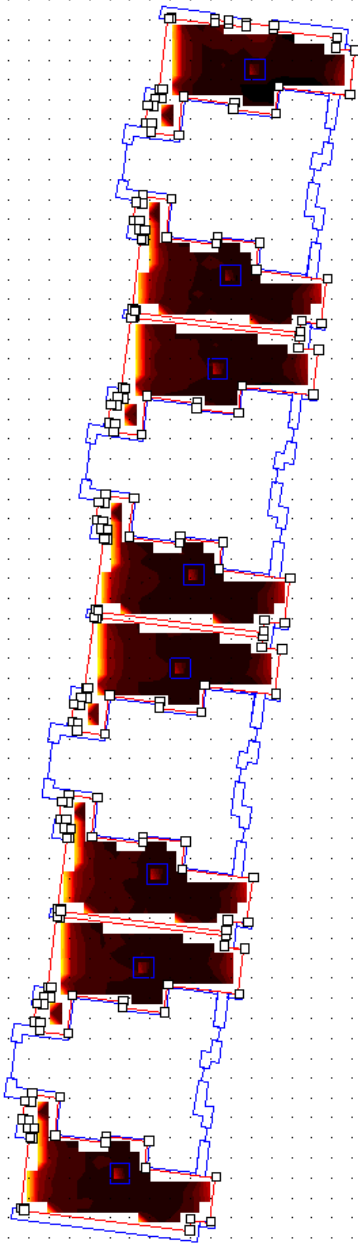


Figure 118 - Duplex Block 3 Third Floor Daylight Factor Mapping

UK and Ireland Office Locations

