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CHARTERED SURVEYORS

DAYLIGHT & SUNLIGHT

INTERNAL DAYLIGHT, SUNLIGHT AND OVERSHADOWING REPORT

Richmond Upon Thames College

06 July 2022

GIA No: **17617**

PROJECT DATA:

Client	**Clarion Housing Group**
Architect	**BPTW**
Project Title	**Richmond Upon Thames College**
Project Number	**17617**

REPORT DATA:

Report Title	**Internal Daylight, Sunlight and Overshadowing Report**
GIA Department	**Daylight & Sunlight**
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Prepared by	**FC/ERLA**
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CONTENTS

1 EXECUTIVE SUMMARY

1.1 EXECUTIVE SUMMARY

The proposed scheme has been developed alongside GIA in order to optimise the daylight and sunlight amenities for future occupants.

This has been achieved through an iterative process of testing, feedback and design.

Living areas have been furnished, wherever possible, with secondary aspects and windows have been optimised to balance daylight ingress while avoiding overheating and preserving privacy.

Balconies have been offered with every unit and their location carefully considered in order to minimise their impact upon the windows beneath them.

Following the publication of the new BRE Guidance BR209 2022 on the 9 June 2022, the scheme has been updated and re-assessed.

The resulting scheme performs generally well in daylight terms, with 73.2% of all habitable rooms meeting or exceeding the target levels for Spatial Daylight Autonomy (sDA), the most complete among daylight tests.

The sDA assessment is designed to understand how often each point of the room's task area sees illuminance levels at or above a specific threshold.

BS EN 17037, and more relevantly the UK National Annex, sets out minimum illuminance levels that should be exceeded over 50% of the space for more than half of the daylight hours in the year.

94% of all units with an expectation of sunlight, i.e. where a room includes a window oriented within 90 degrees of due south, meet or exceed the BS EN recommendations. These suggest that a habitable room, preferably a main living room, should receive a total of at least 1.5 hours of sunlight on a date between the 1 February and 21 March.

The main open space at the heart of the scheme, exceeds targets with 60% of its area seeing 2 hours or more sunlight on the 21st of March.

In order to appreciated how the submitted minor changes have affected the daylight and sunlight compliance of the current scheme, we have provided further assessments under the recently superseded BRE Guidance, to allow a direct comparison with the previously submitted scheme.

The table below provides a summary of results for ease of reference.

Submission	Guidance	Daylight compliance	Sunlight compliance
Previous submission	BR 209 2011	77.60%	87.80%
Current scheme	BR 209 2011	78.70%	89.20%
Current scheme	BR 209 2022	73.20%	94.00%

Table 01: Compliance summary table

It is clear to see form Table 01 that the proposed changes would not affect the overall performance of the previously submitted scheme. The changes will if anything improve the overall daylight and sunlight compliance of the previously submitted scheme.

In this instance the daylight compliance according to the new BRE Guidance would lower to 73.2% while the sunlight compliance would increase to 94%.

From the above we can therefore infer that the scheme makes the most of the daylight and sunlight available to site and delivers a well rounded and carefully considered scheme in relation to daylight and sunlight amenity.

We can also conclude that the changes submitted as part of the current scheme will improve both the daylight and sunlight amenity offered to future occupants when compared to the previously submitted proposal.

Further detail is provided in the conclusions section of this report.

2 INTRODUCTION

2.1 INTRODUCTION AND OBJECTIVE

GIA has been instructed to provide a report upon the potential availability of Daylight and Sunlight to the proposed accommodation within the residential scheme prepared by BPTW. GIA was specifically instructed to carry out the following:

- To create a 3D computer model of the proposal based upon drawings prepared by BPTW.
- Carry out a daylight assessment using the methodologies set out in the BRE guidance for daylight and sunlight.
- Carry out an overshadowing assessment using the methodology set out in the BRE guidance for Sun Hours On Ground (SHOG) for all relevant amenity areas.
- Prepare a report setting out the analysis and our findings.

3 BRE GUIDELINES

The Building Research Establishment (BRE) have set out in their handbook 'Site Layout Planning for Daylight and Sunlight a Guide to Good Practice (BR 209 2022)', guidelines and methodology for the measurement and assessment of daylight and sunlight within proposed buildings.

The BRE published the new edition of 'Site layout planning for daylight and sunlight: a guide to good practice' in June 2022 (BR 209), This is to be read in conjunction with BS EN 17037:2018 "Daylight in buildings", the UK National Annex of the British Standard and the CIBSE publication LG 10 'Daylighting – a guide for designers'.

The BR 209 new edition contains amended methodologies for appraising the daylight and sunlight quality within new developments. Nonetheless, the main aim of the guidance is maintained: *"to help rather than constrain the designer"* as stated in Paragraph 1.5 of the new guidance.

The report provides advice, but also clearly states that it *"is not mandatory and the guide should not be seen as an instrument of planning policy."* The guidance also acknowledges in its introduction that *"Although it gives numerical guidelines, these should be interpreted flexibly since natural lighting is only one of many factors in site layout design (see Section 5). In special circumstances the developer or planning authority may wish to use different target values. For example, in a historic city centre, or in an area with modern high-rise buildings, a higher degree of obstruction may be unavoidable if new developments are to match the height and proportions of existing buildings."* (Paragraph 1.6)

2.2 BS EN 17037:2018 AND THE UK ANNEX

The British Standard BS8206-2:2008 was superseded by the new European Standard on daylight BS EN 17037:2018 "Daylight in buildings".

Following on from the review of the European Standard by a dedicated commission of UK experts, the British Standard Institution appended to BS EN 17037:2018 a UK National Annex which brings the recommended light levels in line with those of the former BS8206-2:2008.

The BS EN 17037 includes four criteria: daylighting, views, sunlight access and glare. However, daylighting and sunlight access are the only criteria considered relevant for residential buildings and therefore discussed within this report.

View out and Glare are mostly relevant in offices and schools, where occupants are more fixed to a certain location within a room. In residential habitable rooms, occupants tend to move more freely and therefore view out and glare are not assessed within residential buildings.

In relation to sunlight access, the assessment considers the hours of sunlight reaching a window on the 21st March.

2.3 DAYLIGHT

The BRE set out the methods for assessing daylight within a proposed building within section 2.1 and Appendix C of the handbook. This is based on the methods detailed in the BS EN 17037.

BS EN 17037 suggests two possible methodologies for appraising daylight:

- Illuminance Method
- Daylight Factor Method

These methodologies are discussed in more detail below.

Whilst Vertical Sky Component (VSC) is no longer directly used to calculate the levels of daylight indoors, this is still referenced within the BRE guidance as a metric to appraise the level of obstruction faced by a building and the potential for good daylight indoors.

This method of assessment may also be used to appraise the daylight quality in the early stages of the design, when room layouts or window locations are still undecided.

Vertical Sky Component (VSC)

This method of assessment can be undertaken using a skylight indicator or a Waldram diagram. It measures from a single point, at the centre of the window (if known at the early design stage), the quantum of sky visible taking into account all external obstructions. Whilst these obstructions can be either other buildings or the general landscape, trees are usually ignored unless they form a continuous or dense belt of obstruction.

The VSC method is a useful 'rule of thumb' but has some significant limitations in determining the true quality of daylight within a proposed building. It does not take into account the size of the window, any reflected light off external obstructions, any reflected light within the room, or the use to which that room is put.

Illuminance method

Climate Based Daylight Modelling (CBDM) is used to predict daylight illuminance using sun and sky conditions derived from standard meteorological data (often referred to as climate or weather data). This analytical method allows the prediction of absolute daylight illuminance based on the location and building orientation, in addition to the building's daylight systems (shading systems, for example). Annex A within the BS EN 17037 proposes values of target illuminances and minimum target illuminances to exceed 50 % of daylight hours.

This is considered to be the most accurate approach when using climate data, however, it provides a very large amount of data for each assessed room, which then needs to be interrogated. One of the methodologies that can be used to interrogate this data is Spatial Daylight Autonomy (sDA).

Spatial Daylight Autonomy (sDA)

The sDA assessment is designed to understand how often each point of the room's task area sees illuminance levels at or above a specific threshold.

BS EN 17037 sets out minimum illuminance levels (300lx) that should be exceeded over 50% of the space for more than half of the daylight hours in the year. It also includes recommendations for medium and high daylighting levels within a space (500lx and 700lx respectively). It should be noted here, however, that these targets are specified irrespective of a space's use or design.

The National Annex suggests that these targets can be challenging to achieve within residential settings, particularly in areas of higher density and so suggests lower targets can be considered in this situation. It should be noted here that the reduced targets suggested within the BS EN 17037:2018 National Annex are provided so as to be comparable with the previous BR209's recommendations for ADF. These targets are:

- 100 lux for bedrooms
- 150 lux for living rooms
- 200 lux for living/kitchen/diners, kitchens, and studios.

It is however stated in paragraph C17 of the BRE that: "*Where a room has a shared use, the highest target should apply. For example in a bed sitting room in student accommodation, the value for a living room should be used if students would often spend time in their rooms during the day. Local authorities could use discretion here. For example, the target for*

a living room could be used for a combined living/dining/kitchen area if the kitchens are not treated as habitable spaces, as it may avoid small separate kitchens in a design".

Daylight Factor method

This method involves calculating the median daylight factor on a reference plane (assessment grid).

"The daylight factor is the illuminance at a point on the reference plane in a space, divided by the illuminance on an unobstructed horizontal surface outdoors. The CIE standard overcast sky is used, and the ratio is usually expressed as a percentage."

This method of assessments considers an overcast sky, and therefore the orientation and location of buildings is not relevant. In order to account for different climatic conditions, Annex A within the BS EN 17037 sets equivalent daylight factor targets (D) for various locations in Europe.

The median daylight factor (MDF) should meet or exceed the target daylight factor relative to a given illuminance for more than half of daylight hours, over 50% of the reference plane.

2.4 SUNLIGHT

The BRE provide guidance in respect of sunlight quality for new developments within section 3.1 of the handbook. It is generally acknowledged that the presence of sunlight is more significant in residential accommodation than it is in commercial properties, and this is reflected in the BRE document.

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

The BRE guide considers the critical aspects of orientation and overshadowing in determining the availability of sunlight at a proposed development site.

The guide proposes minimising the number of dwellings whose living room face solely north unless there is some compensating factor such as an appealing view to the north, and it suggests a number of techniques to do so. Furthermore, it discusses massing solutions with a sensitive approach to overshadowing, so as to maximize access to sunlight.

At the same time, it acknowledges that the site's existing urban environment may impose orientation or overshadowing constraints which may not be possible to overcome.

To quantify sunlight access for interiors where sunlight is expected, it refers to the BS EN 17037 criterion that the minimum duration of sunlight exposure in at least one habitable room of a dwelling should be 1.5 h on March 21st. Table A.5 also establishes medium and high sunlight targets (3 and 4 hours).

This is to be checked at a reference point located centrally to the window's width and at the inner surface of the aperture (façade and/or roof). For multiple apertures in different facades it is possible to cumulate the time of sunlight availability if not occurring at the same time. The reference point is minimum 1.2 m above the floor and 0.3 m above the window sill if present.

The summary of section 3.1 of the guide states as follows:

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

- *At least one main window faces within 90 degrees of due south, and*

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

2.5 OVERSHADOWING

The BRE guidance in respect of overshadowing of amenity spaces is set out in section 3.3 of the handbook. Here it states as follows:

"Sunlight in the spaces between and around buildings has an important impact on the overall appearance and ambience of a development. It is valuable for a number of reasons, to:

- *provide attractive sunlit views (all year)*
- *make outdoor activities like sitting out and children's play more pleasant (mainly warmer months)*
- *encourage plant growth (mainly spring and summer)*
- *dry out the ground, reducing moss and slime (mainly in colder months)*
- *melt frost, ice and snow (in winter)*
- *dry clothes (all year).*

Again, it must be acknowledged that in urban areas the availability of sunlight on the ground is a factor which is significantly controlled by the existing urban fabric around the site in question and so may have very little to do with the form of the development itself. Likewise, there may be many other urban design, planning and site constraints which determine and run contrary to the best form, siting and location of a proposed development in terms of availability of sun on the ground.

The summary of section 3.3 of the guide states as follows:

"3. 3 .17 It is recommended that for it to appear adequately sunlit throughout the year, at least half of a garden or amenity area should receive at least two hours of sunlight on 21 March. If as a result of new development an existing garden or amenity area does not meet the above, and the area that can receive two hours of sun on 21 March is less than 0.80 times its former value, then the loss of sunlight is likely to be noticeable. If a detailed calculation cannot be carried out, it is recommended that the centre of the area should receive at least two hours of sunlight on 21 March.."

2.6 FURTHER RELEVANT INFORMATION

CIBSE LG 10 'Daylighting – a guide for designers'.

This guide details the process of designing for daylighting. It outlines considerations of form, orientation, and other aspects involved in designing the building envelope to optimise natural light.

The guidance in this document is written primarily for buildings located within the UK, and will be most applicable to projects in northern hemisphere. However, the principles are universal, and can be applied to other locations if the appropriate weather data is used and local standards and regulations are respected

4 SIMULATION ASSUMPTIONS

In order to undertake the daylight, sunlight and overshadowing assessments set out in the later pages, we have prepared a three dimensional computer model and used specialist lighting simulation software.

Calculation model

The three dimensional representation of the proposed development has been modelled using the scheme drawings provided to us by BPTW. This has been placed in the context of its surrounding buildings which have been modelled from photogrammetry and OS. This allows for a precise model, which in turn ensures that analysis accurately represents the amount of daylight and sunlight available to the building façades, internal and external spaces, considering all of the surrounding obstructions and orientation.

The weather file recorded at Gatwick Airport was considered the most relevant for this assessment.

Surfaces reflectance

Reflectance values applied to surfaces in the computational modelling follow the BR 209 Annex C, unless specified by the design team.

Assumptions applied to this simulation having agreed specifications with the design team are:

Reflectance values: -

- Interior walls - 0.68
- Ceilings - 0.8
- Floors - 0.3
- Exterior walls - 0.4
- Exterior ground and external obstructions - 0.2

Glazing transmittance

Glazing transmission and maintenance factors have been calculated and are detailed in the table below:

Assessments grid

For the daylight assessments, an analysis 'grid' is located within each room at working plane height (850 mm from FFL) and offset by 0.3m from the walls as recommended by BR 209.

Grid points are spaced by 0.2m .

GLAZING TYPE AND MAINTENANCE FACTORS:	TV (Normal)	FRAMING FACTOR	DIRT FACTOR	POSITION	TV (Total)
TYPE 1	0.75	0.60	8%	1	0.41
TYPE 1 sheltered	0.75	0.60	8%	3	0.34
TYPE 2	0.75	0.65	8%	1	0.45
TYPE 2 sheltered	0.75	0.65	8%	3	0.37
TYPE 3	0.75	0.70	8%	1	0.48
TYPE 3 sheltered	0.75	0.70	8%	3	0.40
TYPE 4	0.75	0.75	8%	1	0.52
TYPE 4 sheltered	0.75	0.75	8%	3	0.43

Table 02: Typical transmittance and maintenance factors

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5 CONCLUSIONS

5.1 SUMMARY OF CONCLUSIONS

The proposed masterplan at Richmond College has been developed taking daylight and sunlight into account from the start.

Through an iterative process of testing, feedback and design, daylight and sunlight have been optimised throughout the scheme.

Living areas have been furnished wherever possible with secondary aspects and fenestration for instance, and windows have been optimised to balance daylight ingress while avoiding overheating and preserving privacy.

Balconies have been offered with every unit and their location carefully considered in order to minimise their impact upon the windows beneath them.

The resulting scheme performs generally well in daylight terms, very well in sunlight terms and exceeds the recommendations for outdoor amenity in relation to its exposure to sunlight.

We can therefore conclude that the scheme makes the most of the daylight and sunlight available to site and delivers a well rounded and carefully considered scheme in relation to daylight and sunlight amenity.

5.2 CONCLUSIONS ON DAYLIGHT

All habitable rooms within the proposed scheme have been tested for indoor illuminance tested through the Spatial Daylight Autonomy (sDA) methodology, in accordance to BRE's recommendations.

The results can be found on pages 14-89 of this report alongside the floor plans and a key illustrating the location of individual tested blocks within the masterplan.

Overall 73.2% of the proposed habitable rooms will meet or exceed the target levels in accordance to the UK National Annex within the BS EN 17037, which is a good results for a scheme of this size and nature in London.

To put this in perspective, GIA tested the submitted changes against the recently superseded BRE Guidance targets in order to allow an 'apple with apple' comparison with the previously submitted scheme.

The results in Table 01 demonstrate how the changes achieve overall better daylight and sunlight compliance when compared to the previously submitted proposal under BR 209 2011.

The results can be found in appendix A on p. 94 of this report.

Combined with a very high compliance level in terms of sunlight and overshadowing tests, the proposed development is of high quality overall.

Where there are rooms falling short of the guidance, the main reason is the presence of generous balconies which offer future occupants private open space. This is visible, in example, for rooms such as no. 15 where the presence of a balcony above the main living areas' windows reduces the direct view of the sky, and with it, the quantum of light entering the rooms.

5.3 CONCLUSIONS ON SUNLIGHT

All units which have a main window serving a habitable room oriented within 90 degrees of due south have been tested in accordance with the BRE Guidance and BS EN's recommendations.

These suggest that a habitable room, preferably a main living room, should receive a total of at least 1.5 hours of sunlight on a date between the 1 February and 21 March.

The results can be found alongside the daylight ones in the tables provided throughout this report.

Overall 94% of all tested units will include at least one room which meets or exceeds the recommendations for sunlight.

This is a very good result overall for a scheme of this size and nature. Our comparative assessment under the recently superseded BRE Guidance show improvements when compared to the previously submitted scheme as well.

Those windows falling short, do so typically because of the balconies, which intercept the sun rays before they can reach the fenestration beneath them. However, this is a typical trade off of amenities (private open spaces v daylight and sunlight), and future occupants will still be able to enjoy direct access to sunlight through the use of the balconies.

5.4 CONCLUSIONS ON OVERSHADOWING

The main communal open space at the centre of the development has been tested for Sun Hours on Ground (SHOG) in accordance with BRE's Guidance.

Th results are presented on page 98 of this report.

60% of the area receives at least 2 hours in the sun on the 21st of March where 50% is the target level, and will therefore offer future occupants a well sunlit open space.

Moreover, pages 90 and 92 illustrate the number of hours received across the communal area on the 21st of March and June respectively, providing a further layer of information about the area's performance during the summer time.

It can therefore be concluded that the scheme performs well overall considering all areas related to daylight, sunlight and overshadowing amenity.

6 SITE OVERVIEW

Fig. 01: Top view

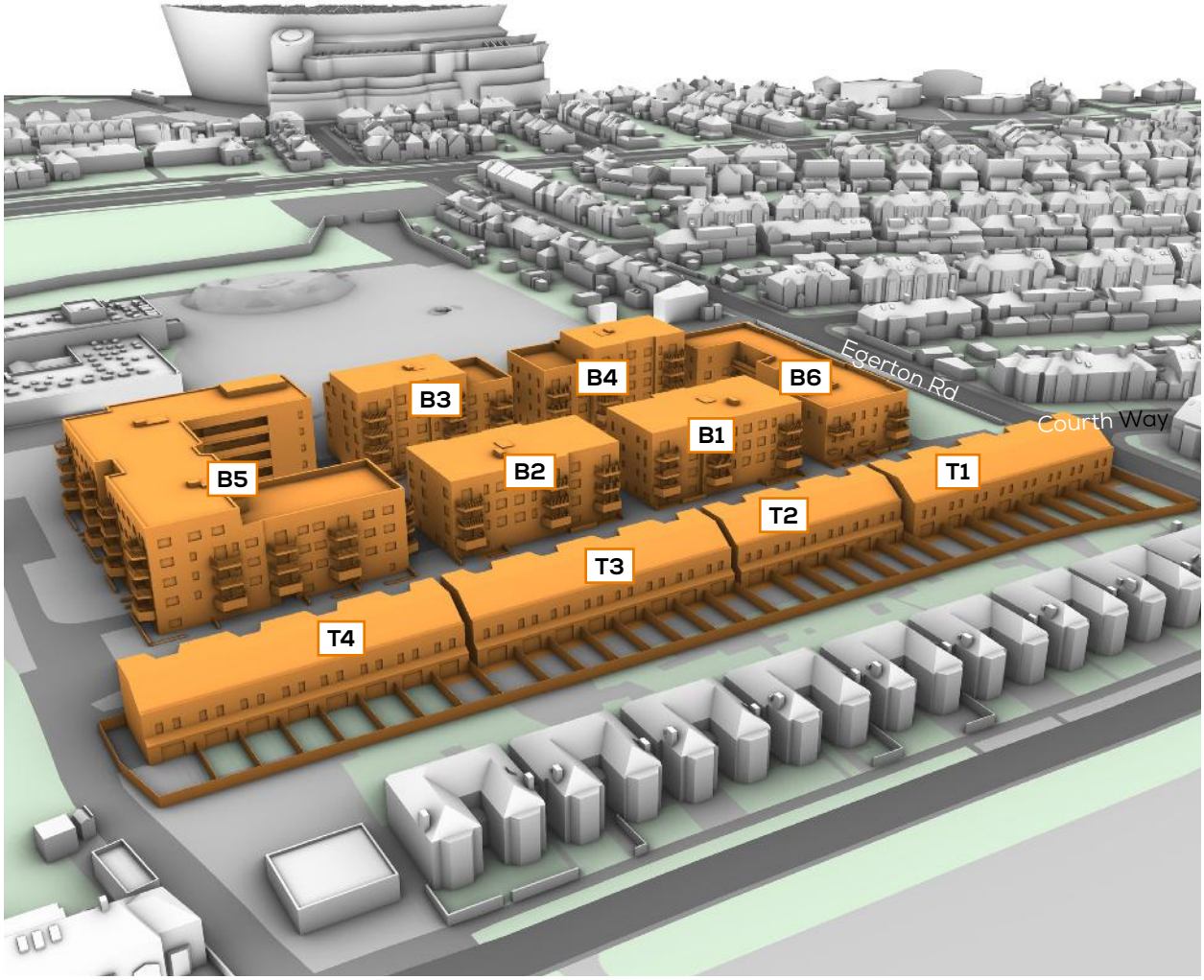


Fig. 02: Perspective view

7 INTERNAL DAYLIGHT AND SUNLIGHT ASSESSMENTS

Block B1 - Ground Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK B1 - GROUND FLOOR							
1	L/K/D	200	11.3	01:51	01:49	01:32	21 MAR
2	BEDROOM	100	31.3	00:00	00:00	00:00	N/A
3	BEDROOM	100	49.2	00:00	00:00	00:00	N/A
4	BEDROOM	100	6.4	00:00	00:00	00:15	21 MAR
5	L/K/D	200	9.1	00:00	00:00	00:16	21 MAR
6	L/K/D	200	7.7	00:00	00:00	00:09	21 MAR
7	BEDROOM	100	69.2	00:00	00:45	01:01	21 MAR
8	BEDROOM	100	46.2	00:00	01:22	02:50	21 MAR
9	L/K/D	200	25.8	05:26	06:33	07:16	21 MAR
10	BEDROOM	100	98.8	03:30	04:47	06:15	21 MAR
11	L/K/D	200	36.0	04:59	06:11	05:29	25 FEB

Table 03: Assessment Data

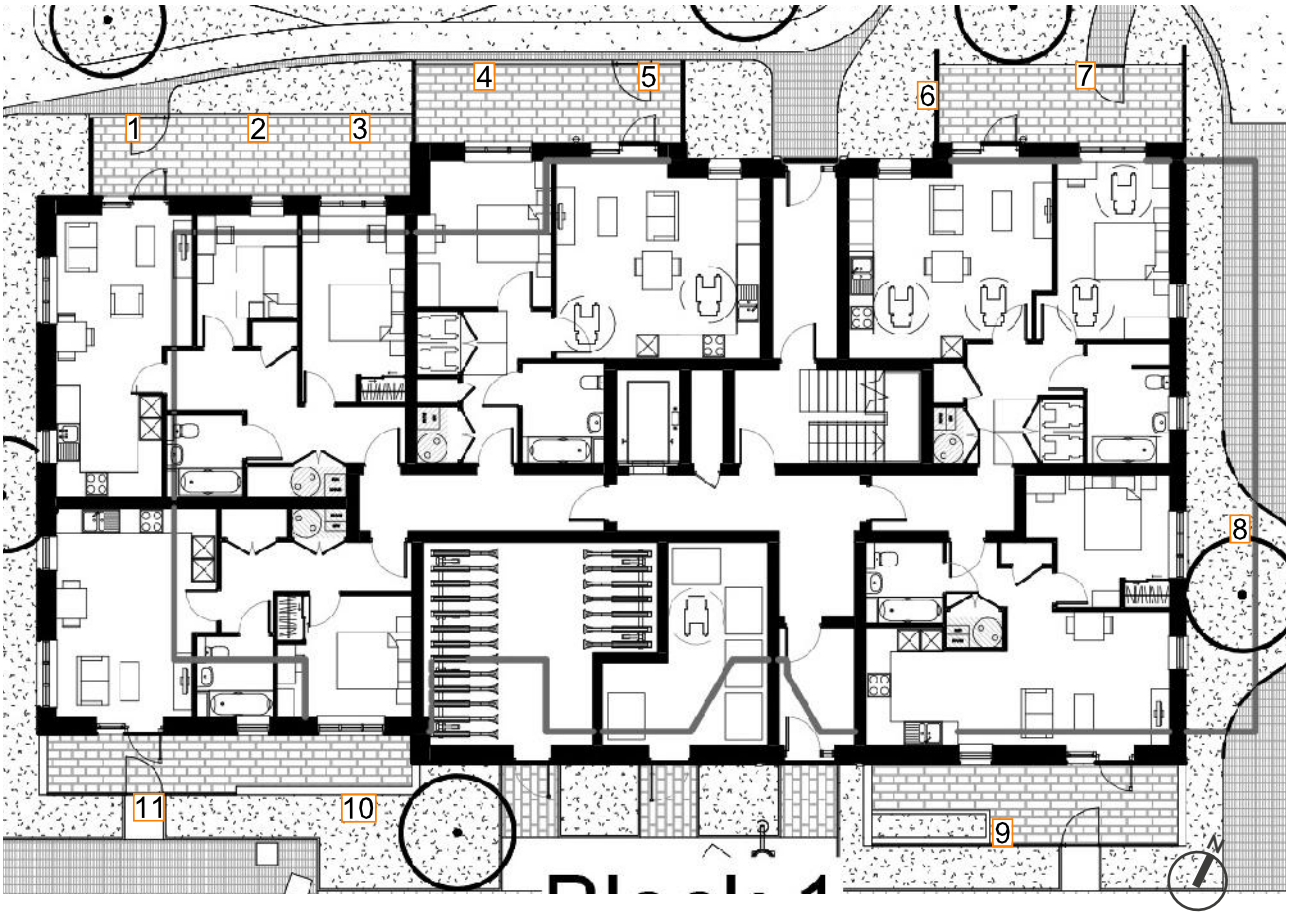


Fig. 03: Floor Plan

Block B1 - First Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK B1 - FIRST FLOOR							
12	L/K/D	200	28.2	00:29	00:31	00:47	21 MAR
13	BEDROOM	100	46.7	00:00	00:00	00:00	N/A
14	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
15	L/K/D	200	5.3	00:00	00:00	00:20	21 MAR
16	BEDROOM	100	63.8	00:00	00:00	00:00	N/A
17	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
18	BEDROOM	100	96.9	00:00	00:00	00:05	21 MAR
19	L/K/D	200	54.4	01:05	00:59	01:34	21 MAR
20	BEDROOM	100	100.0	00:58	01:38	01:35	25 FEB
21	L/K/D	200	87.6	06:38	07:32	08:00	21 MAR
22	BEDROOM	100	100.0	06:17	07:17	07:57	21 MAR
23	BEDROOM	100	100.0	05:40	06:40	07:51	21 MAR
24	L/K/D	200	17.6	06:16	06:22	03:46	25 FEB
25	BEDROOM	100	100.0	05:26	06:25	07:33	21 MAR
26	L/K/D	200	65.6	06:22	07:04	05:47	25 FEB

Table 04: Assessment Data

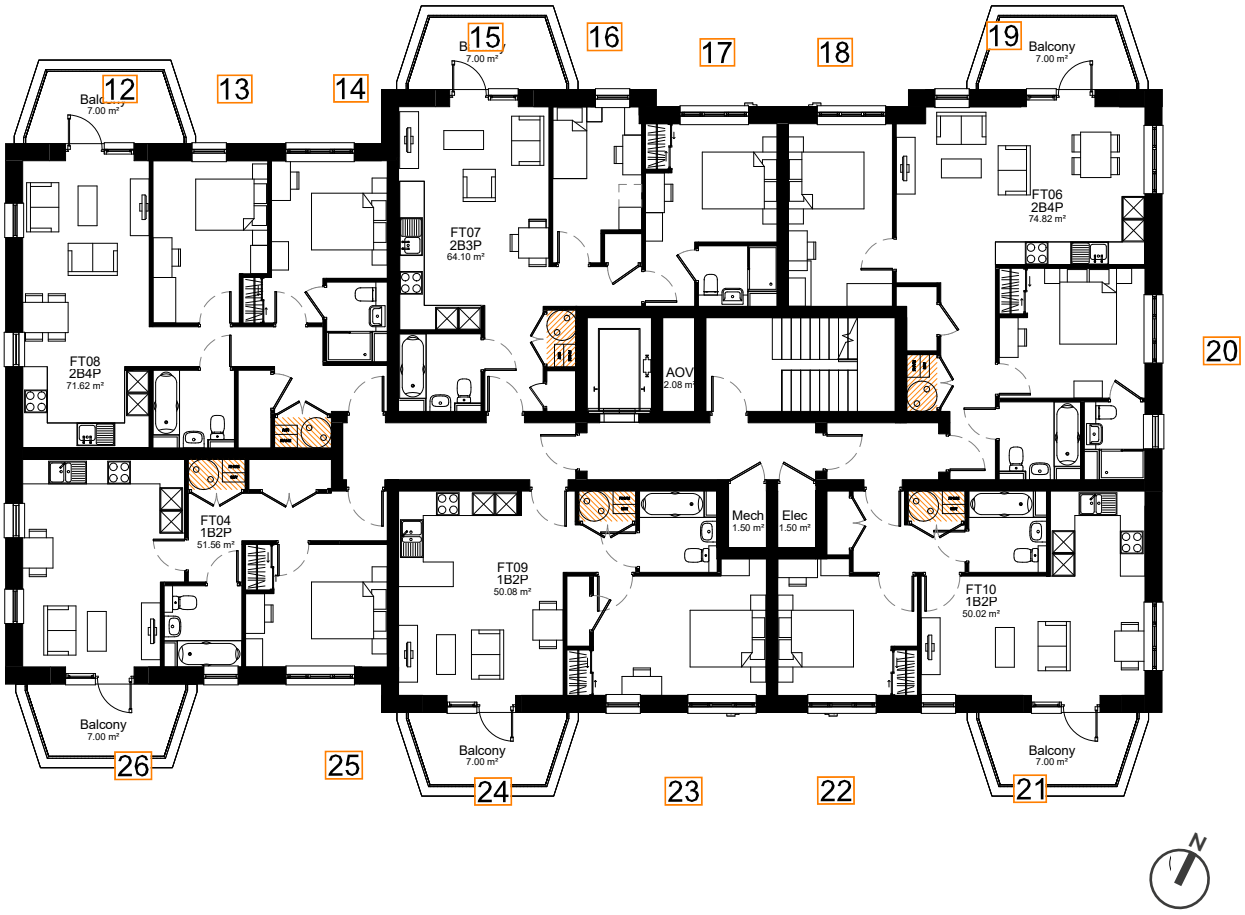


Fig. 04: Floor Plan

Block B1 - Second Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK B1 - SECOND FLOOR							
27	L/K/D	200	46.6	00:34	00:51	02:06	21 MAR
28	BEDROOM	100	62.8	00:00	00:00	00:00	N/A
29	BEDROOM	100	100.0	00:00	00:00	00:06	21 MAR
30	L/K/D	200	10.8	00:00	00:00	00:29	21 MAR
31	BEDROOM	100	84.5	00:00	00:00	00:00	N/A
32	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
33	BEDROOM	100	100.0	00:00	00:00	00:06	21 MAR
34	L/K/D	200	78.9	01:05	01:25	02:35	21 MAR
35	BEDROOM	100	100.0	01:36	01:44	02:10	21 MAR
36	L/K/D	200	98.6	07:44	08:15	08:29	21 MAR
37	BEDROOM	100	100.0	07:25	08:06	08:45	21 MAR
38	BEDROOM	100	100.0	06:42	07:23	08:37	21 MAR
39	L/K/D	200	32.4	07:32	07:19	04:22	21 MAR
40	BEDROOM	100	100.0	06:37	07:12	08:08	21 MAR
41	L/K/D	200	93.9	07:33	07:56	06:16	25 FEB

Table 05: Assessment Data

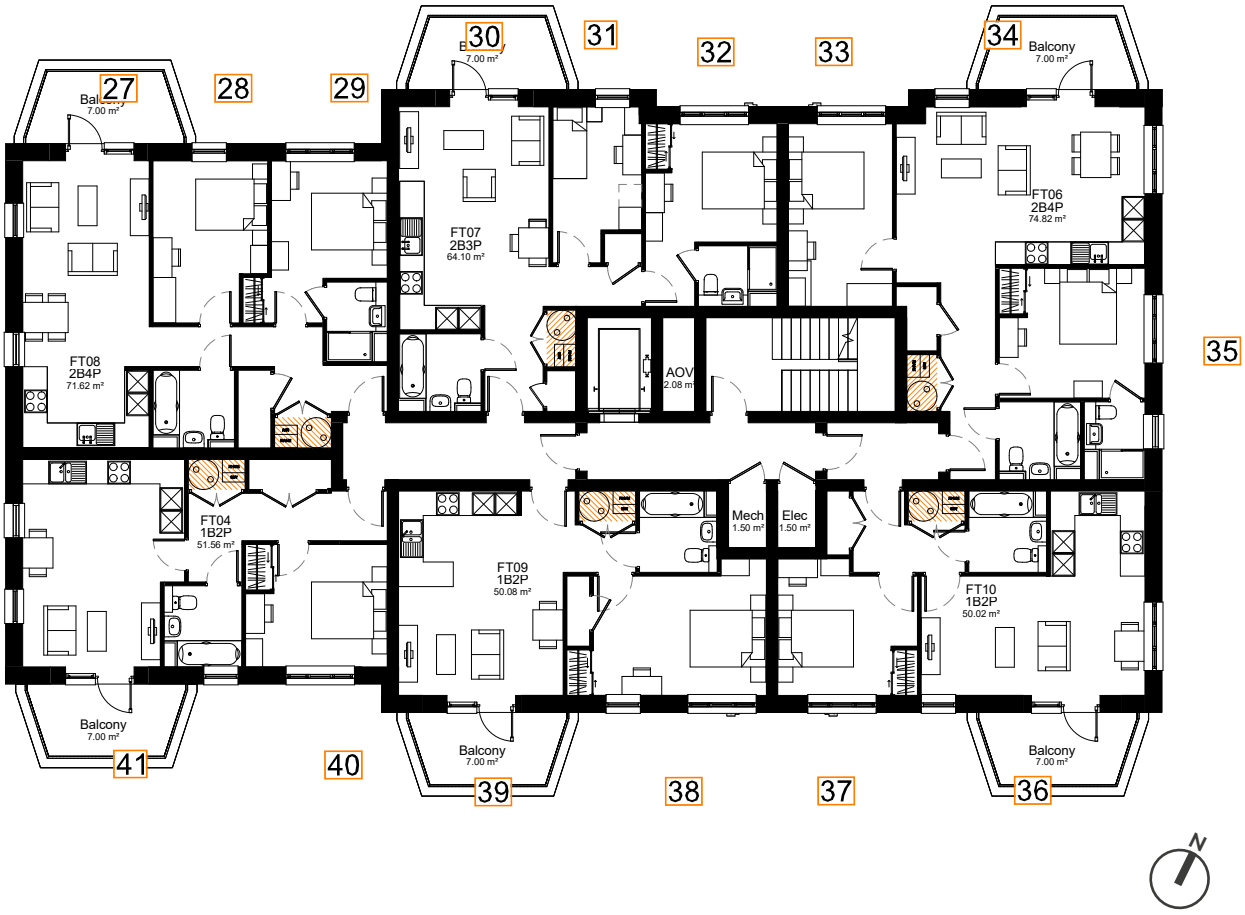


Fig. 05: Floor Plan

Block B1 - Third Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK B1 - THIRD FLOOR							
42	L/K/D	200	79.8	01:52	02:46	04:27	21 MAR
43	BEDROOM	100	80.4	00:00	00:00	00:00	N/A
44	BEDROOM	100	100.0	00:00	00:00	00:43	21 MAR
45	L/K/D	200	53.1	00:00	00:00	00:40	21 MAR
46	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
47	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
48	BEDROOM	100	100.0	00:00	00:00	00:39	21 MAR
49	L/K/D	200	99.1	01:55	02:53	04:34	21 MAR
50	BEDROOM	100	100.0	01:55	02:53	03:56	21 MAR
51	L/K/D	200	100.0	08:09	08:34	08:59	21 MAR
52	BEDROOM	100	100.0	08:09	08:34	08:59	21 MAR
53	BEDROOM	100	100.0	08:09	08:34	08:59	21 MAR
54	L/K/D	200	98.1	08:09	08:34	08:59	21 MAR
55	BEDROOM	100	100.0	08:09	08:34	08:37	21 MAR
56	L/K/D	200	100.0	08:09	08:34	09:48	21 MAR

Table 06: Assessment Data

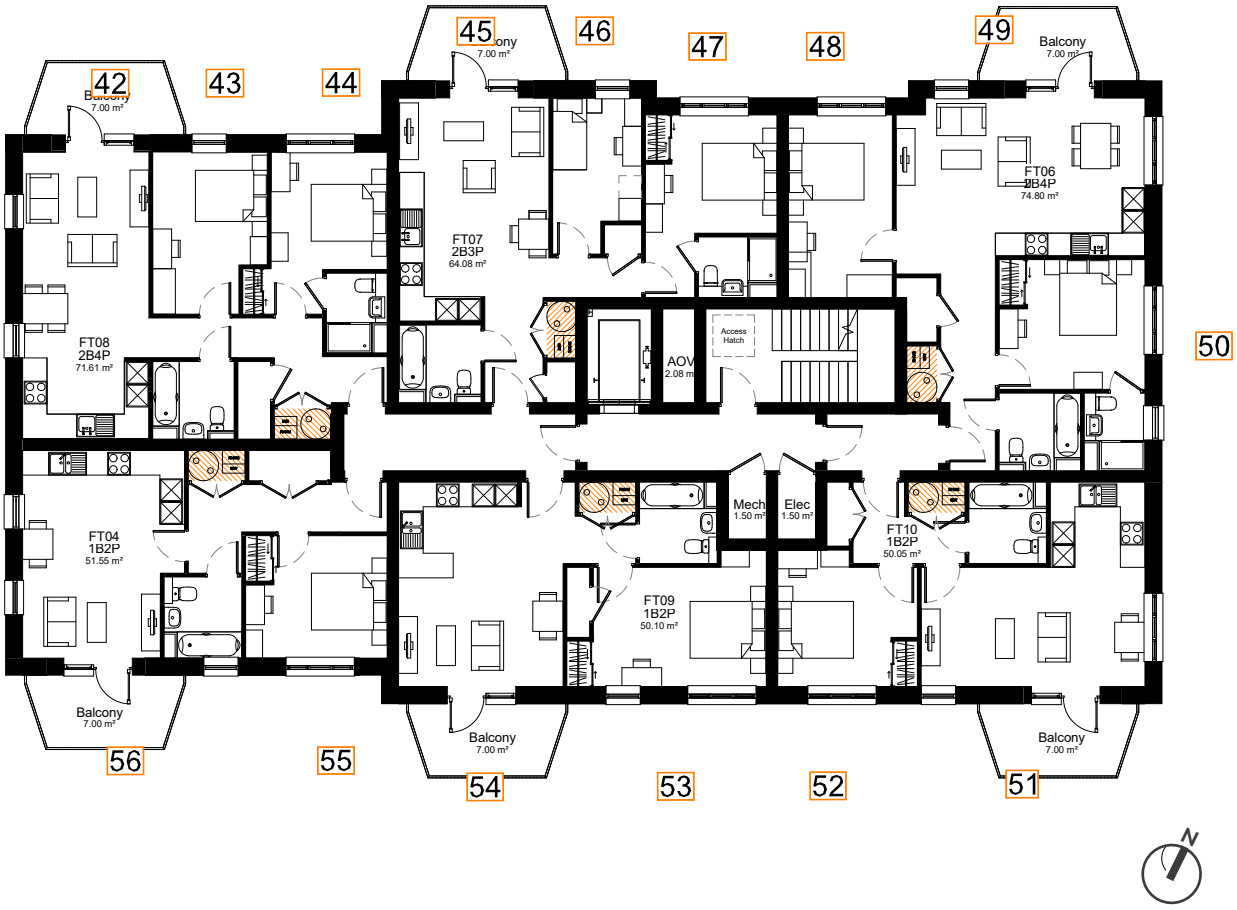


Fig. 06: Floor Plan

Block B2 - Ground Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK B2 - GROUND FLOOR							
57	BEDROOM	100	22.9	00:33	00:44	00:35	25 FEB
58	L/K/D	200	9.4	00:00	00:00	00:00	N/A
59	L/K/D	200	10.4	00:00	00:00	00:00	N/A
60	BEDROOM	100	5.5	00:00	00:00	00:00	N/A
61	BEDROOM	100	38.1	00:00	00:00	00:00	N/A
62	BEDROOM	100	31.9	00:00	00:00	00:00	N/A
63	L/K/D	200	8.8	00:18	01:33	02:07	21 MAR
64	L/K/D	200	34.8	04:21	04:33	02:36	25 FEB
65	BEDROOM	100	98.2	01:58	03:40	05:28	21 MAR
66	L/K/D	200	20.8	04:44	06:15	07:31	21 MAR
67	BEDROOM	100	33.7	02:49	02:40	02:18	21 MAR

Table 07: Assessment Data

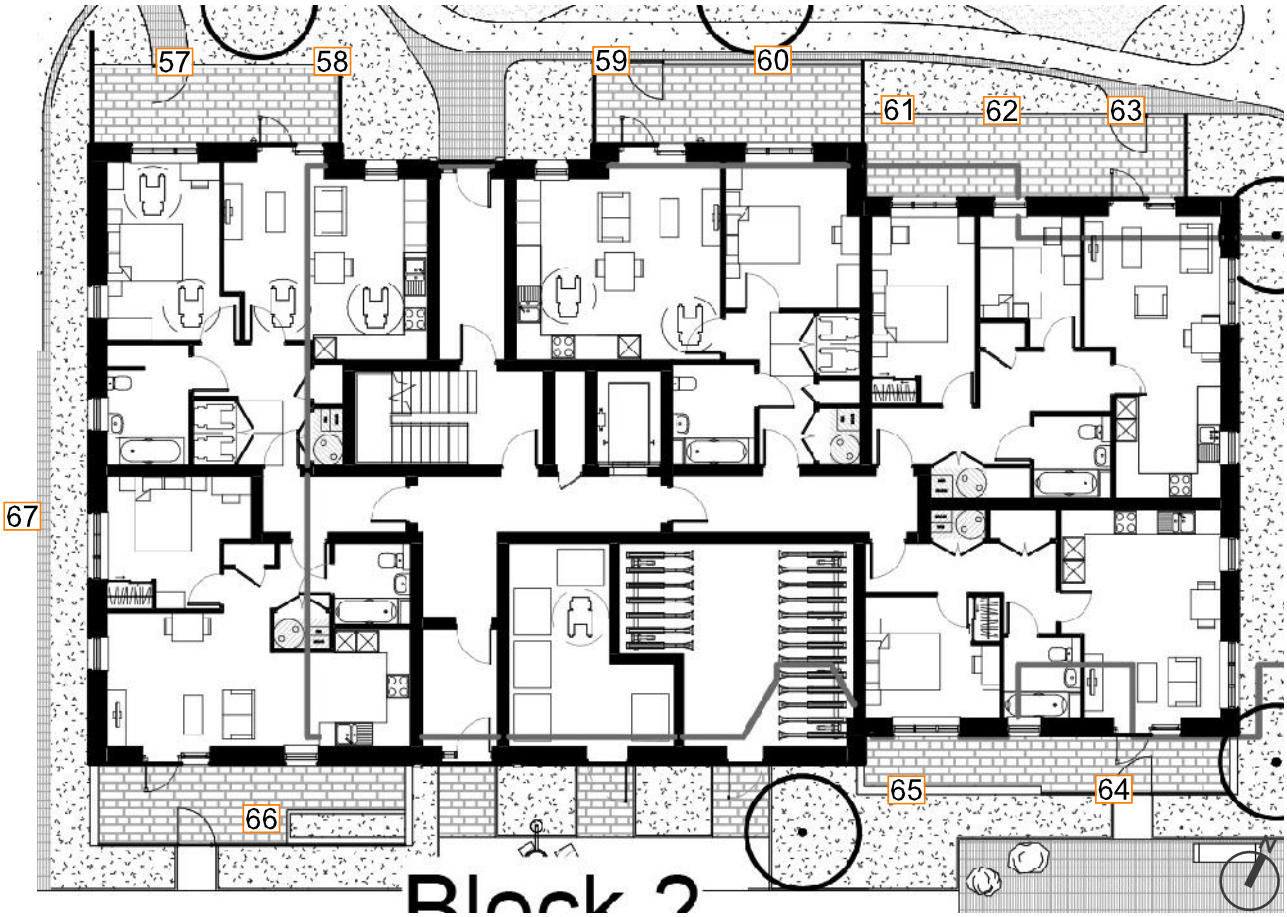


Fig. 07: Floor Plan

Block B2 - First Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK B2 - FIRST FLOOR							
68	BEDROOM	100	93.7	01:36	01:24	01:31	21 MAR
69	L/K/D	200	43.4	00:50	00:58	01:31	21 MAR
70	BEDROOM	100	81.3	00:00	00:00	00:00	N/A
71	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
72	BEDROOM	100	62.1	00:00	00:00	00:00	N/A
73	L/K/D	200	4.1	00:00	00:00	00:00	N/A
74	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
75	BEDROOM	100	45.6	00:00	00:00	00:00	N/A
76	L/K/D	200	26.6	00:00	00:33	00:30	25 FEB
77	L/K/D	200	66.3	05:50	06:19	03:08	25 FEB
78	BEDROOM	100	100.0	04:03	05:27	06:45	21 MAR
79	L/K/D	200	17.6	06:19	06:00	03:22	21 MAR
80	BEDROOM	100	100.0	06:06	07:14	07:53	21 MAR
81	BEDROOM	100	100.0	05:33	06:21	07:49	21 MAR
82	L/K/D	200	87.4	06:27	07:20	08:14	21 MAR

Table 08: Assessment Data

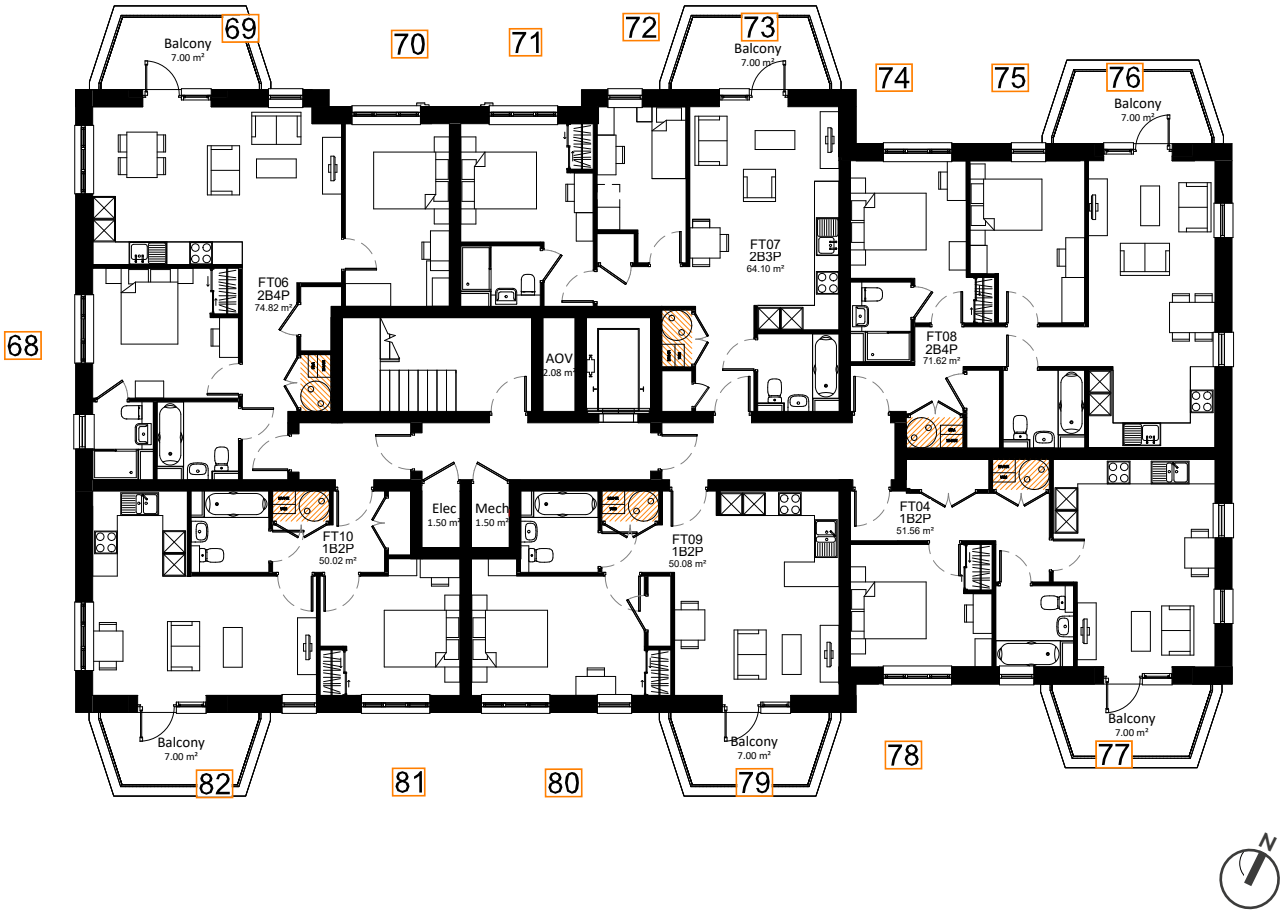


Fig. 08: Floor Plan

Block B2 - Second Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK B2 - SECOND FLOOR							
83	BEDROOM	100	100.0	01:42	01:48	02:29	21 MAR
84	L/K/D	200	66.8	01:09	01:48	02:55	21 MAR
85	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
86	BEDROOM	100	100.0	00:00	00:00	00:01	21 MAR
87	BEDROOM	100	84.5	00:00	00:00	00:00	N/A
88	L/K/D	200	8.7	00:00	00:00	00:06	21 MAR
89	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
90	BEDROOM	100	63.1	00:00	00:00	00:00	N/A
91	L/K/D	200	43.1	00:17	00:34	00:42	21 MAR
92	L/K/D	200	95.6	07:18	06:59	04:02	21 MAR
93	BEDROOM	100	100.0	05:12	06:09	07:18	21 MAR
94	L/K/D	200	33.3	07:32	06:51	03:54	21 MAR
95	BEDROOM	100	100.0	07:20	08:01	08:46	21 MAR
96	BEDROOM	100	100.0	06:33	07:12	08:32	21 MAR
97	L/K/D	200	98.6	07:39	08:14	08:47	21 MAR

Table 09: Assessment Data

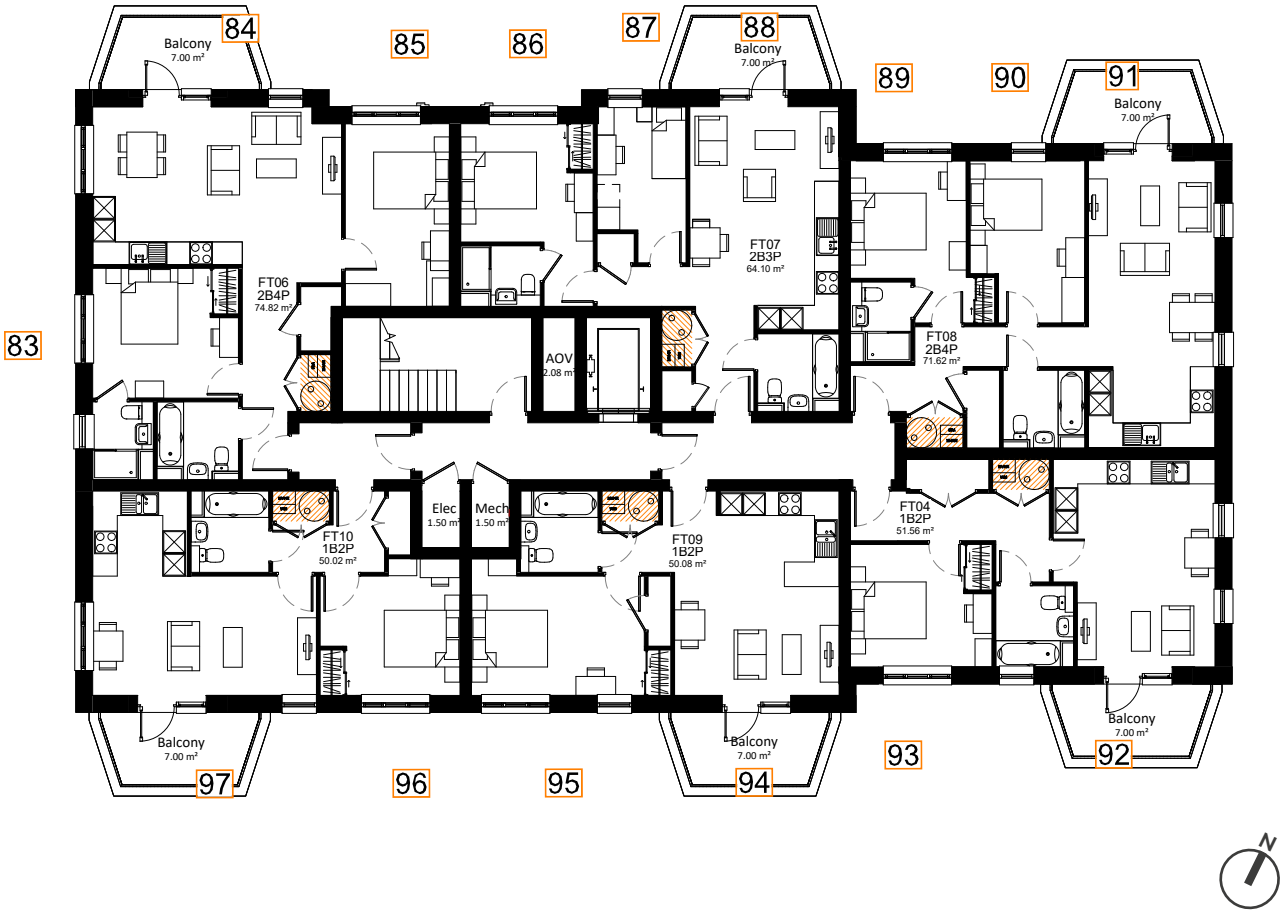


Fig. 09: Floor Plan

Block B2 - Third Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK B2 - THIRD FLOOR							
98	BEDROOM	100	100.0	02:40	03:28	04:18	21 MAR
99	L/K/D	200	92.7	02:40	03:28	05:31	21 MAR
100	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
101	BEDROOM	100	100.0	00:00	00:00	00:25	21 MAR
102	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
103	L/K/D	200	52.3	00:00	00:00	00:30	21 MAR
104	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
105	BEDROOM	100	80.5	00:00	00:00	00:00	N/A
106	L/K/D	200	77.6	00:33	00:46	01:54	21 MAR
107	L/K/D	200	100.0	08:09	08:34	08:59	21 MAR
108	BEDROOM	100	100.0	06:45	07:16	07:50	21 MAR
109	L/K/D	200	98.2	08:09	08:34	08:59	21 MAR
110	BEDROOM	100	100.0	08:09	08:34	08:59	21 MAR
111	BEDROOM	100	100.0	08:09	08:34	08:59	21 MAR
112	L/K/D	200	100.0	08:11	08:35	09:34	21 MAR

Table 10: Assessment Data

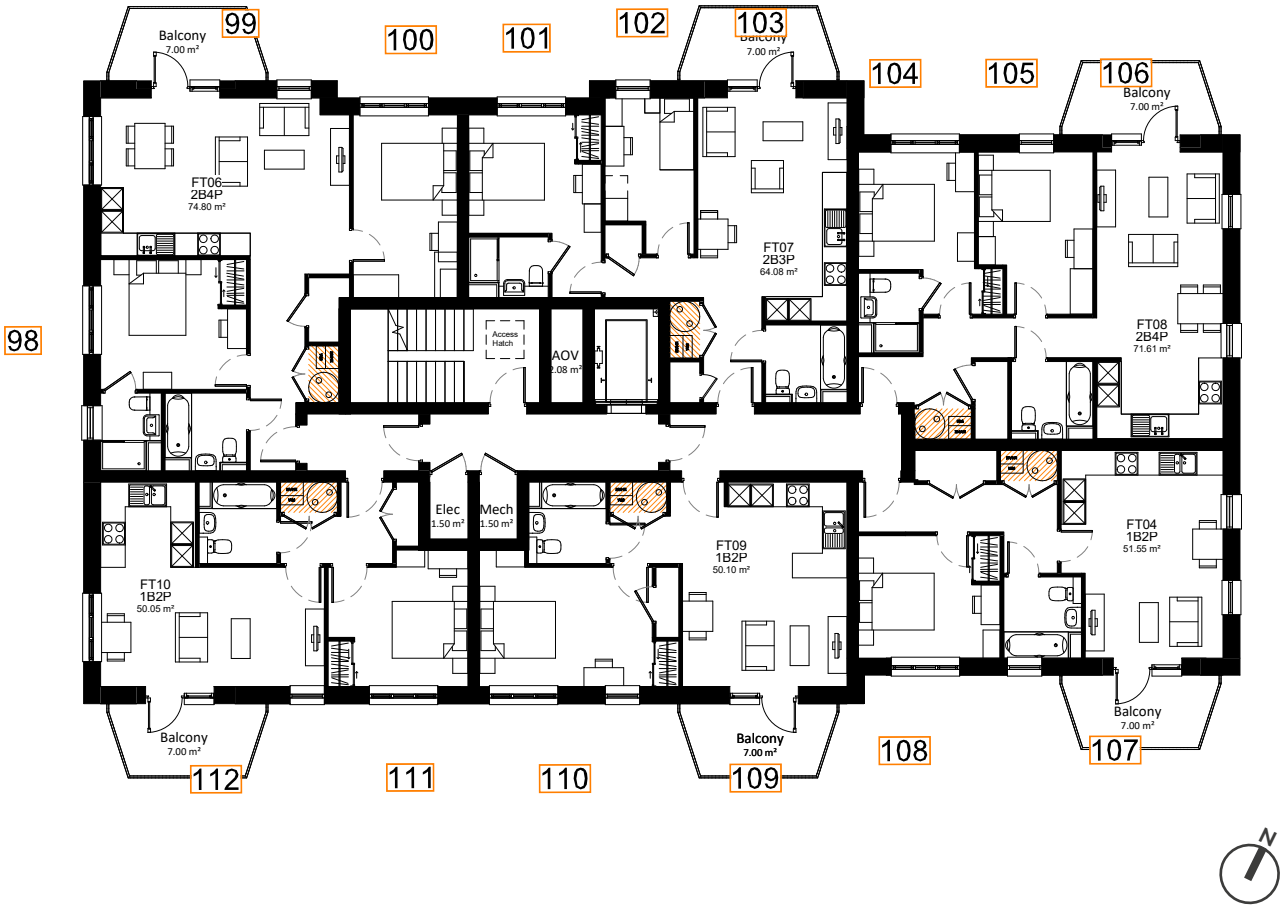


Fig. 10: Floor Plan

Block B3 - Ground Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK B3 - GROUND FLOOR							
113	BEDROOM	100	99.4	00:00	00:00	00:00	N/A
114	L/K/D	200	44.7	00:00	00:52	02:03	21 MAR
115	L/K/D	200	13.1	01:15	02:51	02:00	25 FEB
116	BEDROOM	100	36.6	00:29	03:11	04:45	21 MAR
117	BEDROOM	100	42.1	00:08	01:30	04:18	21 MAR
118	BEDROOM	100	5.1	00:00	00:29	00:15	25 FEB
119	L/K/D	200	12.1	00:37	03:31	06:04	21 MAR
120	L/K/D	200	11.2	00:54	01:56	04:11	21 MAR
121	BEDROOM	100	90.5	01:33	03:10	03:52	21 MAR

Table 11: Assessment Data

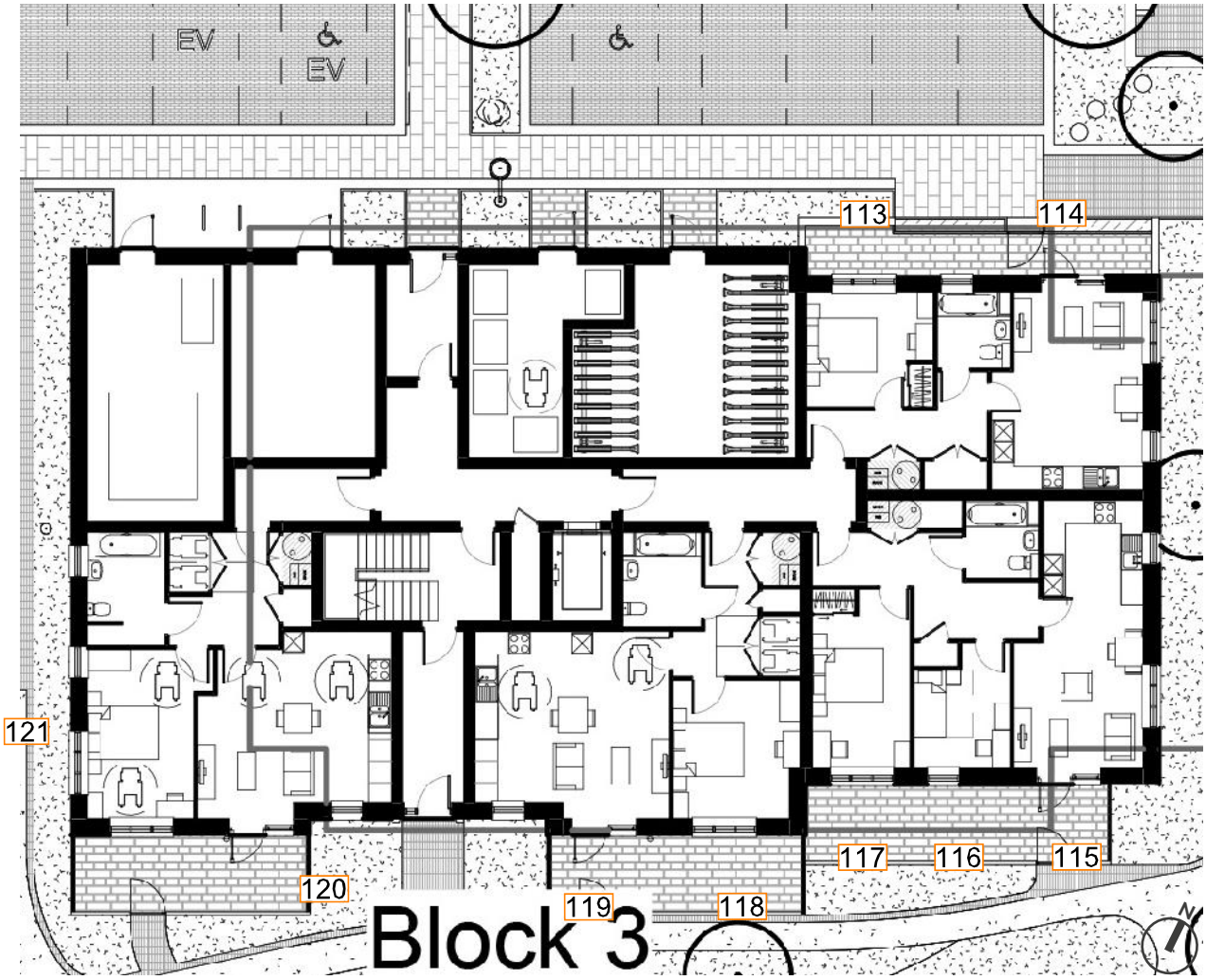


Fig. 11: Floor Plan

Block B3 - First Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK B3 - FIRST FLOOR							
122	L/K/D	200	85.6	01:18	01:10	02:02	21 MAR
123	BEDROOM	100	100.0	00:00	00:00	00:34	21 MAR
124	BEDROOM	100	100.0	00:00	00:00	00:42	21 MAR
125	L/K/D	200	13.5	00:00	00:00	01:02	21 MAR
126	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
127	L/K/D	200	61.4	00:00	00:04	00:57	21 MAR
128	L/K/D	200	33.8	03:48	04:45	02:30	25 FEB
129	BEDROOM	100	62.6	03:02	05:39	05:30	25 FEB
130	BEDROOM	100	100.0	01:24	04:00	05:19	21 MAR
131	L/K/D	200	6.9	02:27	04:18	02:25	25 FEB
132	BEDROOM	100	78.4	02:37	04:41	06:39	21 MAR
133	BEDROOM	100	100.0	02:39	05:23	07:00	21 MAR
134	BEDROOM	100	87.1	02:16	04:12	06:29	21 MAR
135	L/K/D	200	54.6	03:07	05:08	07:44	21 MAR
136	BEDROOM	100	90.8	02:44	03:01	02:41	25 FEB

Table 12: Assessment Data

Fig. 12: Floor Plan

Block B3 - Second Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK B3 - SECOND FLOOR							
137	L/K/D	200	89.9	01:18	01:10	02:44	21 MAR
138	BEDROOM	100	100.0	00:00	00:00	00:44	21 MAR
139	BEDROOM	100	100.0	00:00	00:00	00:49	21 MAR
140	L/K/D	200	18.1	00:00	00:00	01:11	21 MAR
141	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
142	L/K/D	200	77.6	00:00	00:23	01:10	21 MAR
143	L/K/D	200	52.1	05:50	05:59	03:08	25 FEB
144	BEDROOM	100	77.4	05:17	06:15	06:11	25 FEB
145	BEDROOM	100	100.0	03:30	04:40	06:00	21 MAR
146	L/K/D	200	17.2	05:03	06:03	03:13	25 FEB
147	BEDROOM	100	98.3	04:57	06:15	07:17	21 MAR
148	BEDROOM	100	100.0	05:11	06:53	07:32	21 MAR
149	BEDROOM	100	100.0	04:17	05:27	07:10	21 MAR
150	L/K/D	200	77.2	04:41	06:53	09:03	21 MAR
151	BEDROOM	100	100.0	03:21	03:01	02:41	21 MAR

Table 13: Assessment Data

Fig. 13: Floor Plan

Block B3 - Third Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK B3 - THIRD FLOOR							
152	L/K/D	200	100.0	01:18	01:53	03:50	21 MAR
153	BEDROOM	100	100.0	00:00	00:00	01:15	21 MAR
154	BEDROOM	100	100.0	00:00	00:00	01:15	21 MAR
155	L/K/D	200	61.9	00:00	00:00	01:15	21 MAR
156	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
157	L/K/D	200	100.0	00:05	00:29	02:27	21 MAR
158	L/K/D	200	82.4	06:27	08:00	08:58	21 MAR
159	BEDROOM	100	96.4	06:02	07:07	07:56	21 MAR
160	BEDROOM	100	100.0	04:44	05:30	06:37	21 MAR
161	L/K/D	200	28.0	07:08	06:43	03:48	21 MAR
162	BEDROOM	100	100.0	06:28	07:16	07:51	21 MAR
163	BEDROOM	100	100.0	06:46	07:56	08:35	21 MAR
164	BEDROOM	100	100.0	05:37	06:36	07:47	21 MAR
165	L/K/D	200	90.5	06:46	08:34	09:33	21 MAR
166	BEDROOM	100	100.0	03:21	03:01	02:41	21 MAR

Table 14: Assessment Data

Fig. 14: Floor Plan

Block B3 - Fourth Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK B3 - FOURTH FLOOR							
167	BEDROOM	100	100.0	02:50	03:38	04:14	21 MAR
168	BEDROOM	100	100.0	00:00	00:00	01:00	21 MAR
169	L/K/D	200	98.0	08:09	08:34	08:59	21 MAR
170	BEDROOM	100	100.0	07:18	07:47	08:17	21 MAR
171	BEDROOM	100	100.0	08:09	08:33	08:59	21 MAR
172	BEDROOM	100	100.0	07:17	07:45	08:16	21 MAR
173	L/K/D	200	100.0	08:19	09:31	09:56	21 MAR
174	BEDROOM	100	100.0	03:21	03:38	04:28	21 MAR

Table 15: Assessment Data

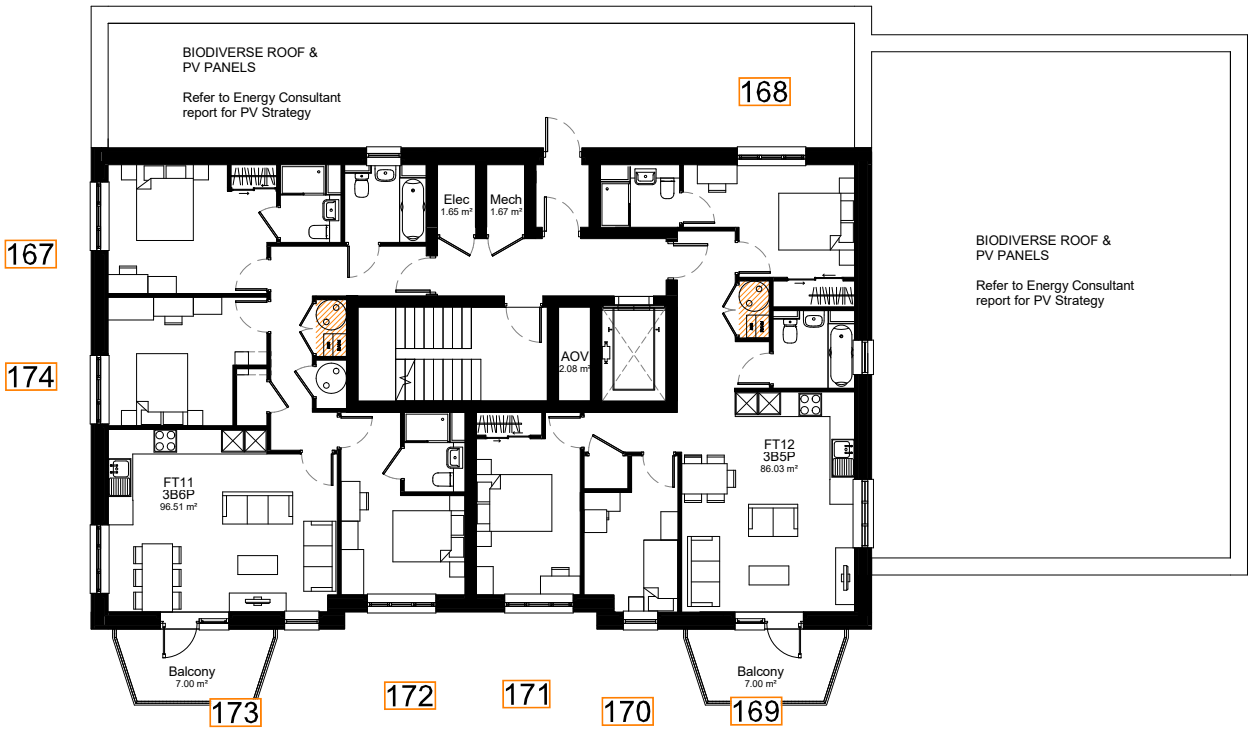


Fig. 15: Floor Plan

Block B4 - Ground Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK B4 - GROUND FLOOR							
175	L/K/D	200	46.3	01:35	01:24	02:01	21 MAR
176	BEDROOM	100	99.5	00:00	00:00	00:24	21 MAR
177	L/K/D	200	38.8	00:00	00:20	02:13	21 MAR
178	BEDROOM	100	48.5	00:04	01:11	01:32	21 MAR
179	L/K/D	200	9.5	00:57	01:40	01:29	25 FEB
180	L/K/D	200	13.9	00:49	04:09	07:26	21 MAR
181	L/K/D	200	13.0	00:41	02:08	05:26	21 MAR
182	BEDROOM	100	6.4	00:41	02:00	00:35	25 FEB
183	BEDROOM	100	42.1	00:36	03:09	05:12	21 MAR
184	BEDROOM	100	34.8	00:38	01:43	03:22	21 MAR
185	L/K/D	200	14.8	03:05	03:47	03:41	25 FEB

Table 16: Assessment Data

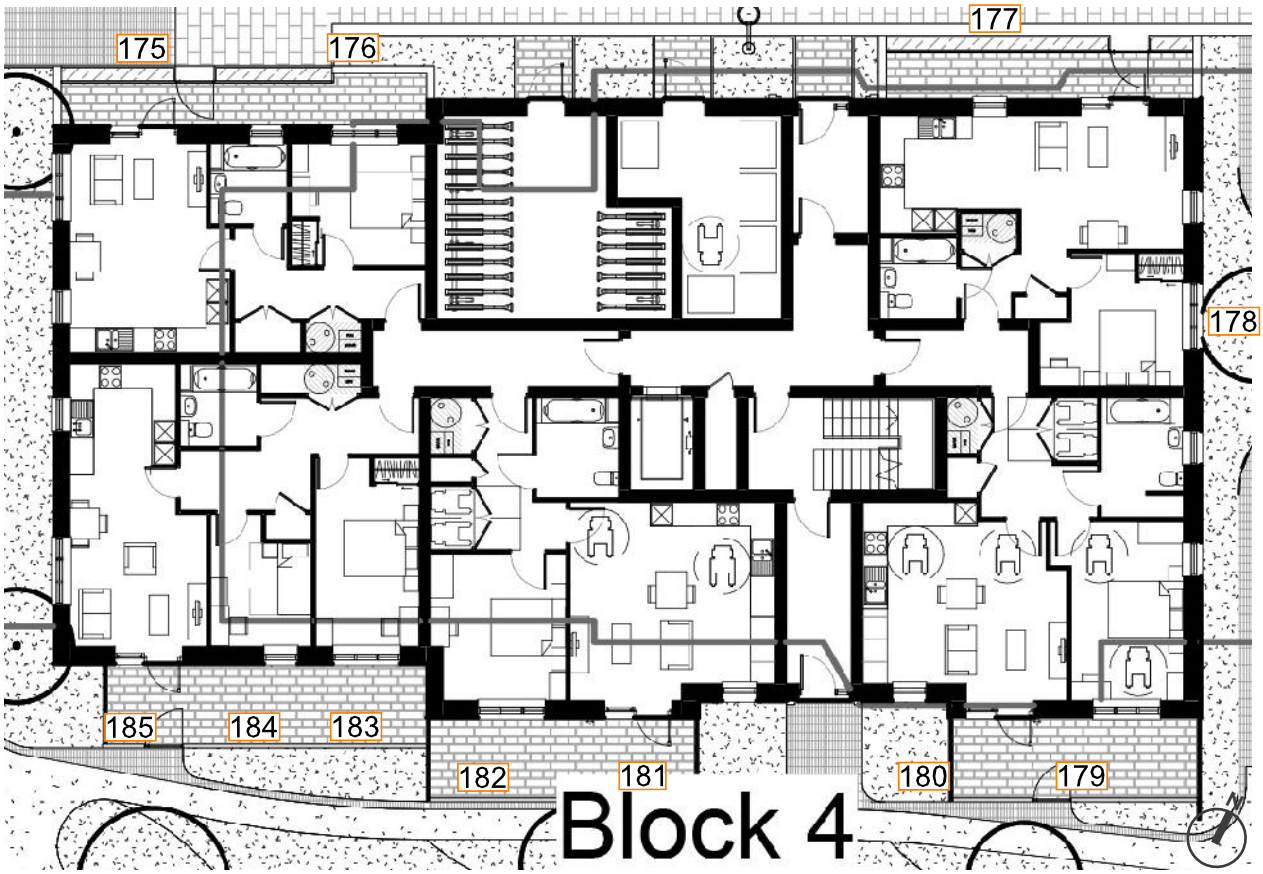


Fig. 16: Floor Plan

Block B4 - First Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK B4 - FIRST FLOOR							
186	L/K/D	200	64.7	00:19	00:18	01:32	21 MAR
187	BEDROOM	100	100.0	00:00	00:00	00:35	21 MAR
188	L/K/D	200	13.8	00:00	00:00	01:00	21 MAR
189	BEDROOM	100	100.0	00:00	00:00	00:36	21 MAR
190	BEDROOM	100	100.0	00:00	00:00	00:45	21 MAR
191	L/K/D	200	86.6	00:54	01:21	02:35	21 MAR
192	BEDROOM	100	100.0	00:37	01:28	02:02	21 MAR
193	L/K/D	200	68.6	04:32	07:20	07:41	21 MAR
194	BEDROOM	100	100.0	03:21	06:23	07:29	21 MAR
195	BEDROOM	100	100.0	02:24	04:46	07:12	21 MAR
196	BEDROOM	100	81.0	01:22	03:00	05:48	21 MAR
197	L/K/D	200	7.6	03:38	04:19	03:14	25 FEB
198	BEDROOM	100	100.0	03:21	04:48	06:25	21 MAR
199	BEDROOM	100	60.5	01:13	02:37	04:40	21 MAR
200	L/K/D	200	34.1	04:34	05:40	04:38	25 FEB

Table 17: Assessment Data

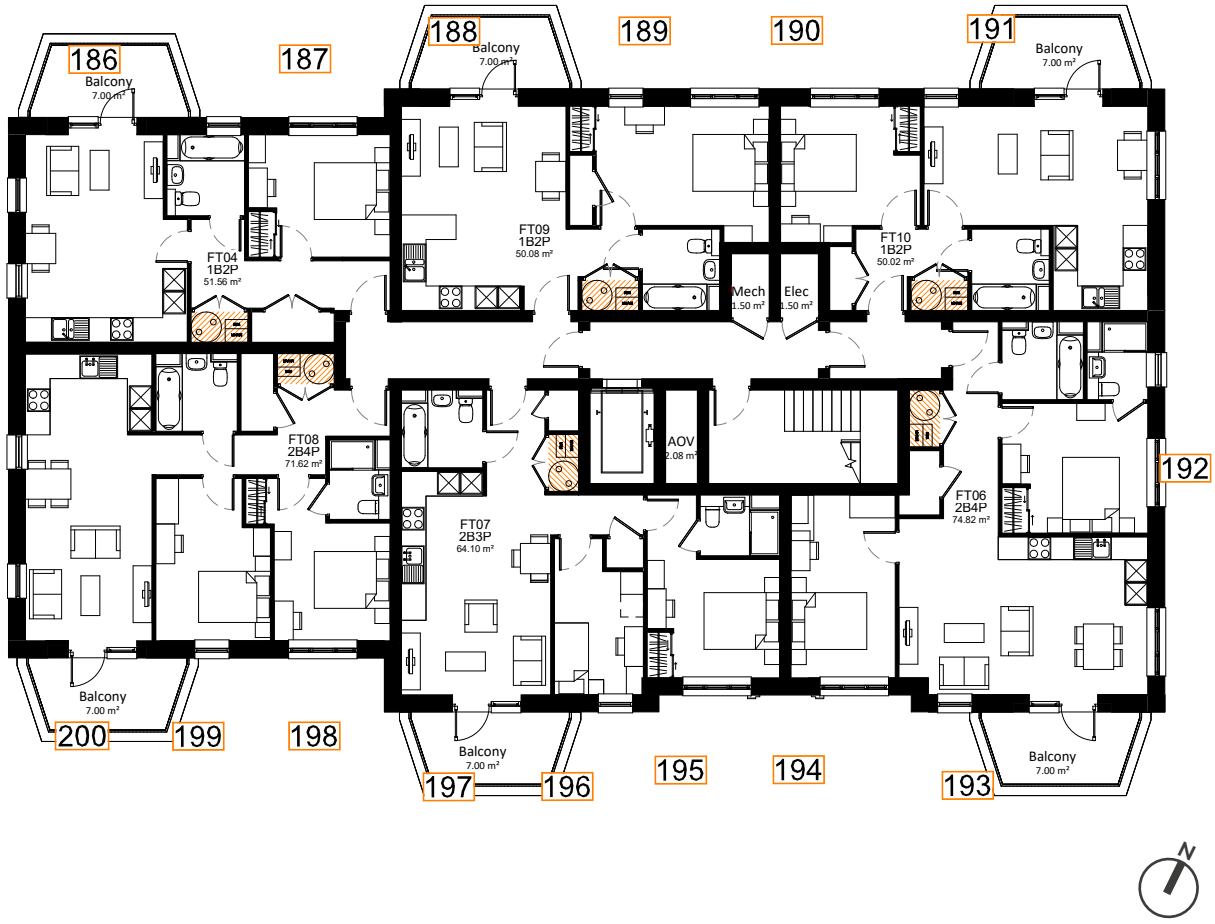


Fig. 17: Floor Plan

Block B4 - Second Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK B4 - SECOND FLOOR							
201	L/K/D	200	78.7	00:20	00:46	02:41	21 MAR
202	BEDROOM	100	100.0	00:00	00:00	00:45	21 MAR
203	L/K/D	200	18.2	00:00	00:00	01:10	21 MAR
204	BEDROOM	100	100.0	00:00	00:00	00:45	21 MAR
205	BEDROOM	100	100.0	00:00	00:00	00:54	21 MAR
206	L/K/D	200	93.5	01:10	01:41	03:21	21 MAR
207	BEDROOM	100	100.0	01:20	01:57	03:06	21 MAR
208	L/K/D	200	90.7	07:19	08:01	08:06	21 MAR
209	BEDROOM	100	100.0	05:51	07:56	07:58	21 MAR
210	BEDROOM	100	100.0	04:31	06:42	07:40	21 MAR
211	BEDROOM	100	100.0	03:05	04:51	06:15	21 MAR
212	L/K/D	200	19.1	05:35	05:49	04:03	25 FEB
213	BEDROOM	100	100.0	04:55	06:06	06:37	21 MAR
214	BEDROOM	100	76.0	02:52	03:55	05:47	21 MAR
215	L/K/D	200	53.4	05:56	06:41	06:02	25 FEB

Table 18: Assessment Data

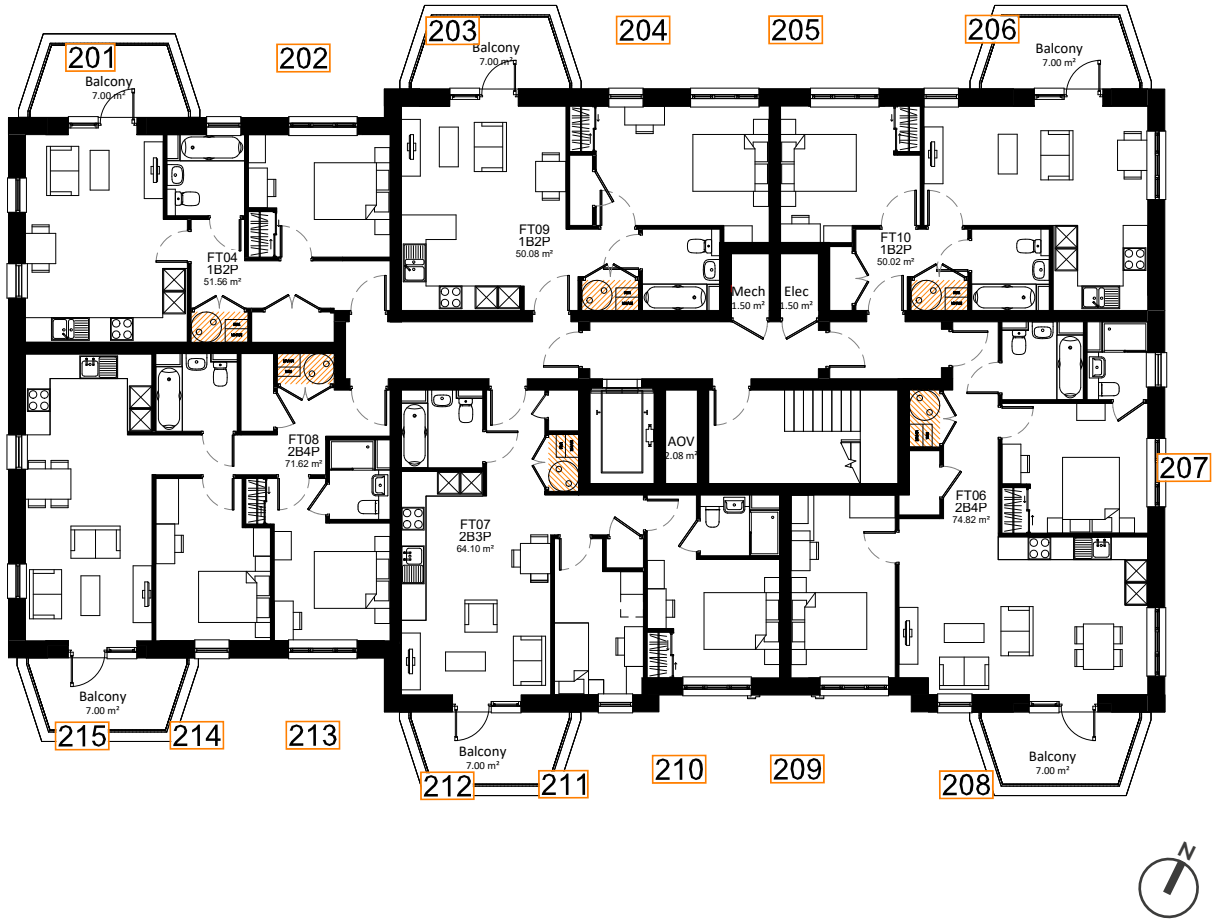


Fig. 18: Floor Plan

Block B4 - Third Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK B4 - THIRD FLOOR							
216	L/K/D	200	100.0	01:41	02:35	04:46	21 MAR
217	BEDROOM	100	100.0	00:00	00:00	01:15	21 MAR
218	L/K/D	200	62.9	00:00	00:00	01:15	21 MAR
219	BEDROOM	100	100.0	00:00	00:00	01:15	21 MAR
220	BEDROOM	100	100.0	00:00	00:00	01:15	21 MAR
221	L/K/D	200	100.0	01:55	02:53	05:11	21 MAR
222	BEDROOM	100	100.0	01:55	02:53	03:56	21 MAR
223	L/K/D	200	99.5	08:09	08:34	08:54	21 MAR
224	BEDROOM	100	100.0	07:40	08:29	08:59	21 MAR
225	BEDROOM	100	100.0	06:17	07:24	08:17	21 MAR
226	BEDROOM	100	100.0	04:27	06:01	06:53	21 MAR
227	L/K/D	200	28.9	07:08	07:22	04:30	25 FEB
228	BEDROOM	100	100.0	07:20	07:57	06:52	25 FEB
229	BEDROOM	100	99.5	06:28	07:10	08:17	21 MAR
230	L/K/D	200	84.2	07:11	07:53	09:36	21 MAR

Table 19: Assessment Data

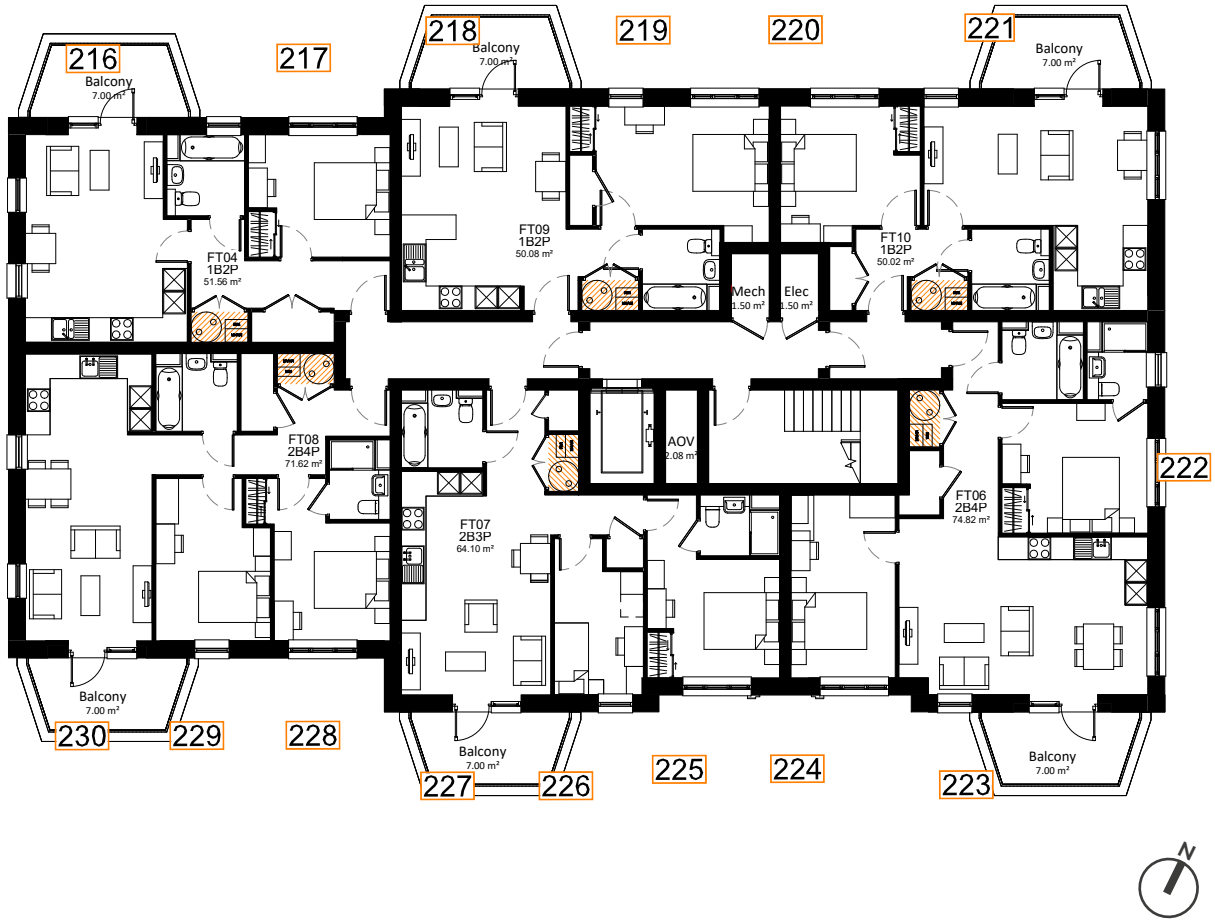


Fig. 19: Floor Plan

Block B4 - Fourth Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK B4 - FOURTH FLOOR							
231	BEDROOM	100	100.0	00:00	00:00	01:00	21 MAR
232	BEDROOM	100	100.0	01:55	02:53	03:56	21 MAR
233	BEDROOM	100	100.0	01:55	02:53	03:56	21 MAR
234	L/K/D	200	100.0	08:09	08:34	08:59	21 MAR
235	BEDROOM	100	100.0	08:09	08:34	08:59	21 MAR
236	BEDROOM	100	100.0	07:19	07:47	08:17	21 MAR
237	BEDROOM	100	100.0	07:18	07:47	08:17	21 MAR
238	L/K/D	200	99.8	08:34	09:46	11:58	21 MAR

Table 20: Assessment Data

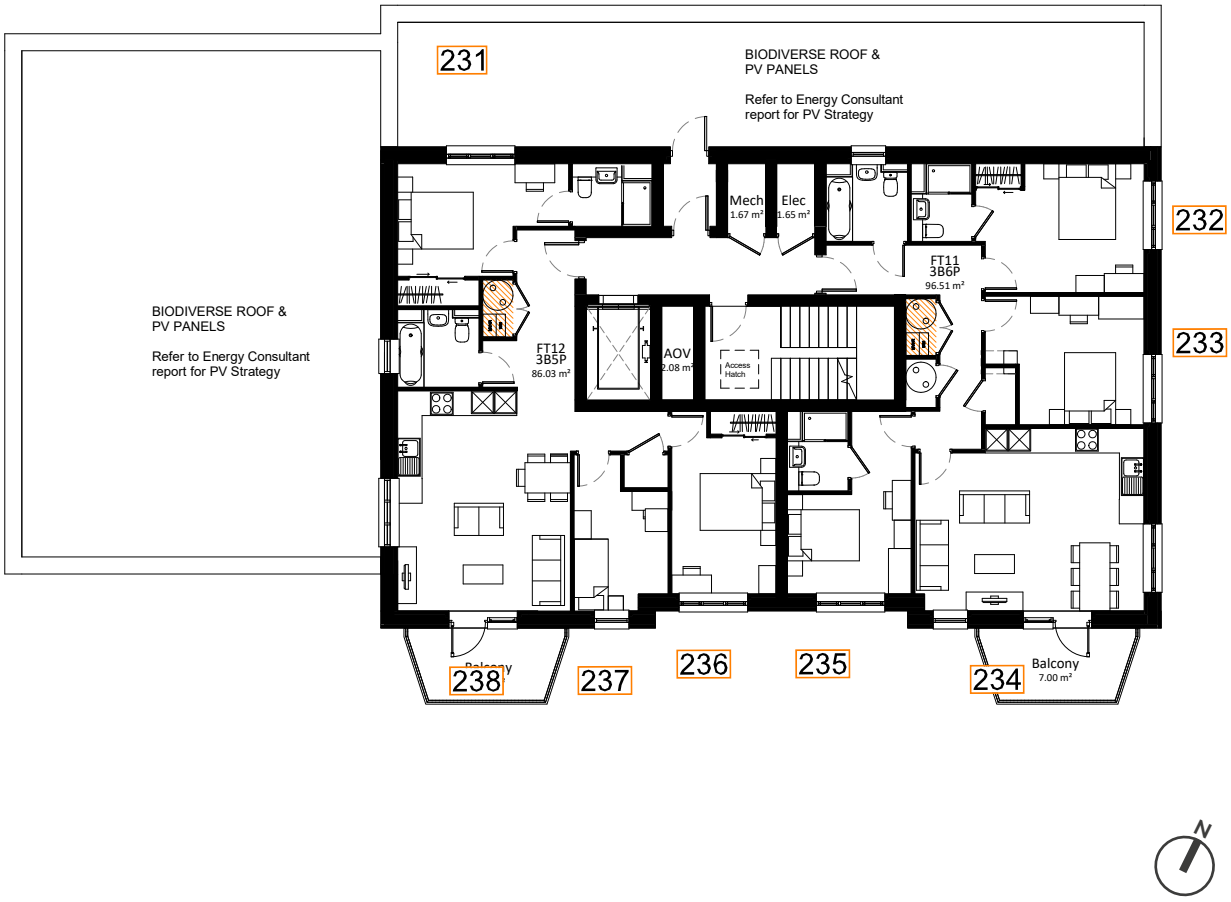


Fig. 20: Floor Plan

Block B5 - Ground Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK B5 - GROUND FLOOR							
239	BEDROOM	100	100.0	04:19	01:24	01:54	21 MAR
240	BEDROOM	100	61.7	00:00	00:00	00:00	N/A
241	BEDROOM	100	86.6	00:00	00:00	00:19	21 MAR
242	BEDROOM	100	100.0	00:00	00:00	00:38	21 MAR
243	L/K/D	200	51.1	00:00	00:04	01:53	21 MAR
244	BEDROOM	100	36.1	00:00	00:00	01:37	21 MAR
245	BEDROOM	100	98.4	00:39	02:58	05:15	21 MAR
246	L/K/D	200	15.3	00:13	01:35	04:33	21 MAR
247	BEDROOM	100	24.7	00:00	00:59	03:58	21 MAR
248	L/K/D	200	7.0	00:00	00:19	03:09	21 MAR
249	L/K/D	200	16.0	00:00	00:00	00:00	N/A
250	BEDROOM	100	25.2	00:00	00:00	00:00	N/A
251	L/K/D	200	5.8	00:00	00:00	00:00	N/A
252	BEDROOM	100	33.3	00:00	00:00	00:00	N/A
253	L/K/D	200	27.2	00:00	01:23	01:33	21 MAR
254	BEDROOM	100	22.6	00:00	00:00	00:20	21 MAR
255	BEDROOM	100	98.8	03:59	05:49	06:52	21 MAR
256	BEDROOM	100	25.2	01:38	01:06	02:24	21 MAR
257	BEDROOM	100	92.6	03:21	01:36	00:33	21 MAR
258	BEDROOM	100	100.0	01:56	03:17	04:46	21 MAR
259	BEDROOM	100	100.0	04:38	07:05	08:58	21 MAR
260	BEDROOM	100	100.0	02:16	03:05	03:58	21 MAR
261	L/K/D	200	33.1	03:35	04:30	05:13	21 MAR
262	L/K/D	200	37.3	04:32	05:06	05:42	21 MAR
263	BEDROOM	100	96.4	03:53	04:33	02:35	25 FEB
264	BEDROOM	100	99.7	04:28	04:55	01:57	25 FEB
265	L/K/D	200	34.4	02:48	03:30	04:56	21 MAR
266	L/K/D	200	29.4	04:18	04:38	05:51	21 MAR
267	BEDROOM	100	100.0	04:21	04:46	06:01	21 MAR

Table 21: Assessment Data

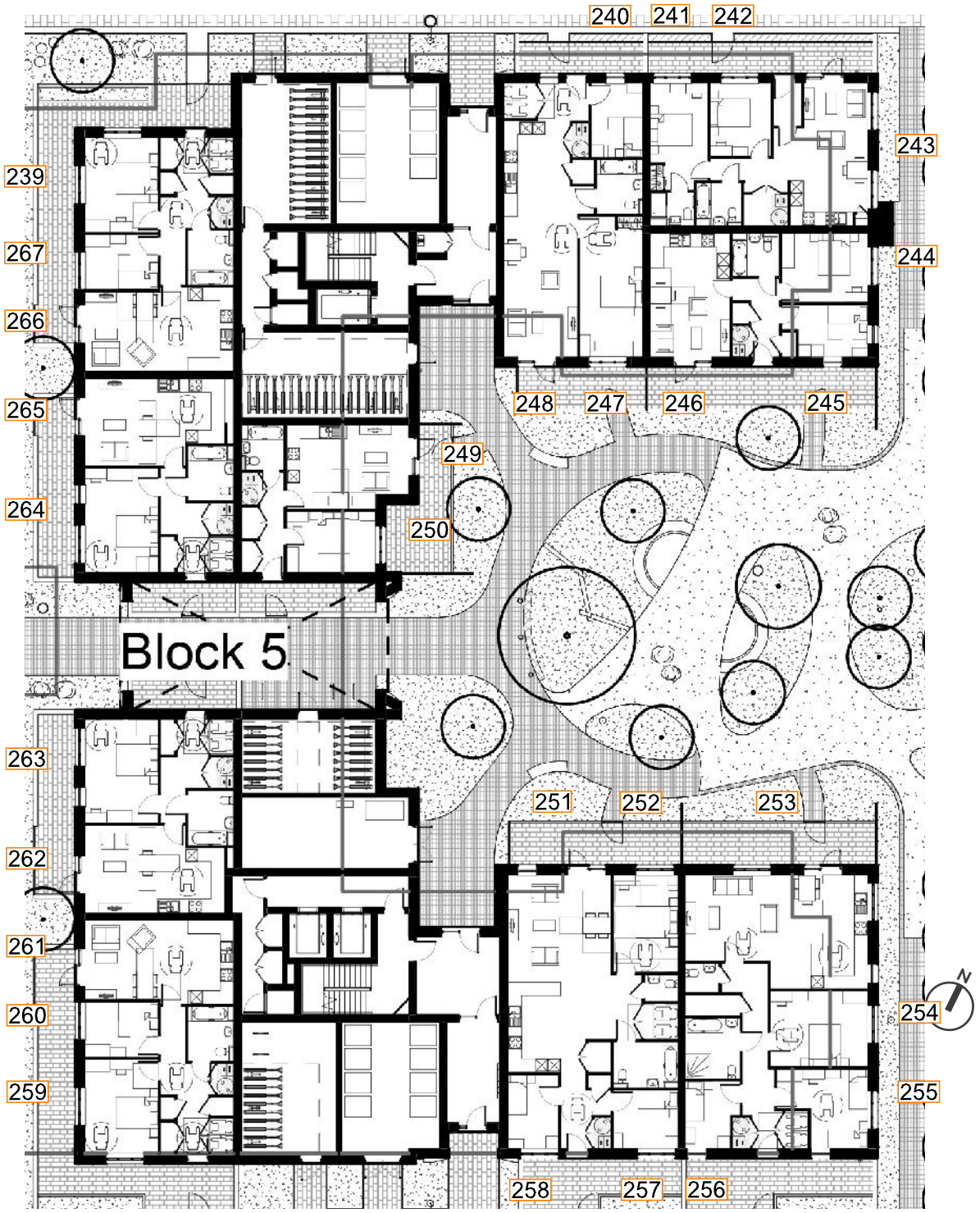


Fig. 21: Floor Plan

Block B5 - First Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK B5 - FIRST FLOOR							
268	L/K/D	200	98.8	04:33	04:50	03:12	25 FEB
269	L/K/D	200	59.7	00:00	01:17	02:25	21 MAR
270	BEDROOM	100	100.0	00:00	00:00	00:23	21 MAR
271	L/K/D	200	22.1	00:00	00:00	00:34	21 MAR
272	BEDROOM	100	100.0	00:00	00:00	00:41	21 MAR
273	BEDROOM	100	100.0	00:00	00:00	00:30	21 MAR
274	LIVING ROOM	150	30.1	00:00	00:00	00:43	21 MAR
275	L/K/D	200	87.8	00:00	01:24	01:06	25 FEB
276	BEDROOM	100	32.0	00:00	00:32	00:53	21 MAR
277	BEDROOM	100	71.7	00:03	01:00	02:21	21 MAR
278	BEDROOM	100	100.0	02:42	04:56	06:47	21 MAR
279	KITCHEN	200	0.0	01:42	01:52	00:00	25 FEB
280	BEDROOM	100	0.0	00:27	00:41	00:07	25 FEB
281	BEDROOM	100	0.0	00:27	00:25	00:07	21 MAR
282	KITCHEN	200	0.0	00:00	00:00	00:00	N/A
283	BEDROOM	100	98.9	00:00	00:05	02:16	21 MAR
284	BEDROOM	100	100.0	00:00	00:00	01:10	21 MAR
285	L/K/D	200	6.5	00:00	00:00	00:00	N/A
286	L/K/D	200	6.8	00:00	00:00	00:00	N/A
287	BEDROOM	100	93.9	00:00	00:00	00:00	N/A
288	KITCHEN	200	0.0	00:00	00:00	00:00	N/A
289	BEDROOM	100	0.0	00:00	00:00	00:00	N/A
290	BEDROOM	100	0.0	00:00	00:00	00:00	N/A
291	BEDROOM	100	100.0	00:45	01:18	01:04	25 FEB
292	BEDROOM	100	88.0	00:10	01:14	01:16	21 MAR
293	BEDROOM	100	75.8	00:11	00:39	00:21	25 FEB
294	L/K/D	200	82.0	06:07	07:11	07:54	21 MAR
295	L/K/D	200	13.2	06:27	06:01	03:23	21 MAR
296	BEDROOM	100	99.6	05:26	06:39	07:43	21 MAR
297	BEDROOM	100	100.0	04:10	04:59	06:11	21 MAR
298	L/K/D	200	19.2	06:20	06:24	03:49	25 FEB
299	BEDROOM	100	100.0	04:36	05:30	06:58	21 MAR
300	L/K/D	200	56.4	06:38	07:32	05:21	25 FEB
301	L/K/D	200	100.0	06:48	08:45	10:33	21 MAR
302	BEDROOM	100	100.0	02:25	03:18	04:31	21 MAR
303	BEDROOM	100	100.0	04:19	05:04	05:28	21 MAR
304	BEDROOM	100	100.0	04:46	05:14	05:52	21 MAR
305	BEDROOM	100	100.0	04:49	05:22	05:52	21 MAR
306	L/K/D	200	34.9	04:50	04:25	02:52	21 MAR
307	L/K/D	200	35.9	04:43	05:13	06:13	21 MAR
308	BEDROOM	100	100.0	02:39	03:23	04:53	21 MAR
309	BEDROOM	100	100.0	04:13	04:45	05:39	21 MAR
310	BEDROOM	100	100.0	04:36	04:58	06:08	21 MAR
311	BEDROOM	100	100.0	04:35	05:07	06:10	21 MAR

Table 22: Assessment Data

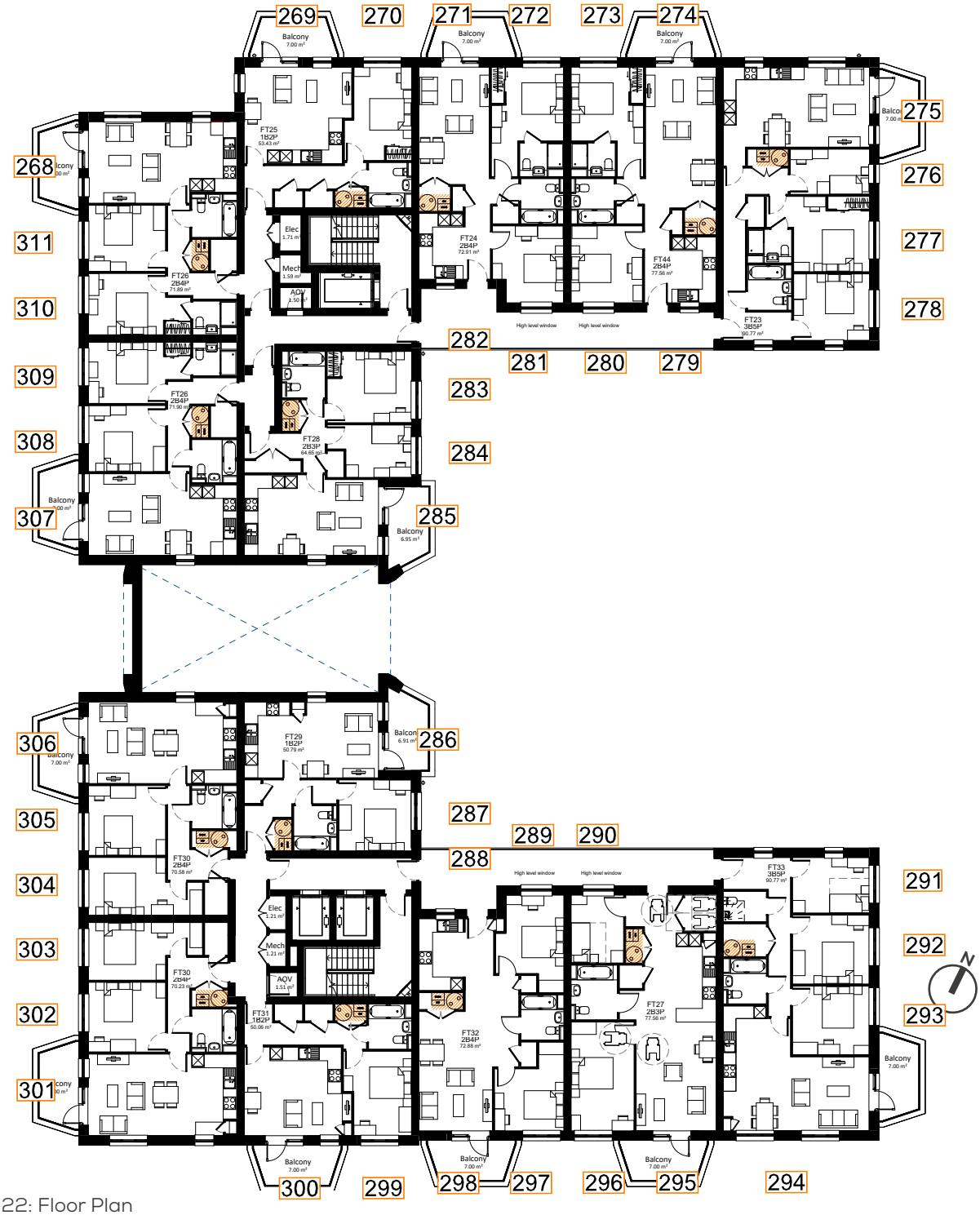


Fig. 22: Floor Plan

Block B5 - Second Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK B5 - SECOND FLOOR							
312	L/K/D	200	99.4	04:49	05:05	03:21	25 FEB
313	L/K/D	200	73.8	00:03	01:25	02:38	21 MAR
314	BEDROOM	100	100.0	00:00	00:00	00:40	21 MAR
315	LIVING ROOM	150	49.0	00:00	00:00	00:50	21 MAR
316	BEDROOM	100	100.0	00:00	00:00	00:50	21 MAR
317	BEDROOM	100	100.0	00:00	00:00	00:36	21 MAR
318	LIVING ROOM	150	36.4	00:00	00:00	00:50	21 MAR
319	L/K/D	200	92.7	00:41	01:24	01:11	25 FEB
320	BEDROOM	100	42.6	00:00	00:58	00:53	25 FEB
321	BEDROOM	100	88.3	00:27	01:51	02:21	21 MAR
322	BEDROOM	100	100.0	04:40	06:28	07:30	21 MAR
323	KITCHEN	200	0.0	03:45	01:57	00:00	21 MAR
324	BEDROOM	100	0.0	01:44	01:22	00:48	21 MAR
325	BEDROOM	100	0.0	01:44	01:29	00:49	21 MAR
326	KITCHEN	200	0.0	00:57	00:51	00:27	21 MAR
327	BEDROOM	100	100.0	00:00	01:19	03:01	21 MAR
328	L/K/D	200	32.3	00:00	00:55	02:34	21 MAR
329	L/K/D	200	16.3	00:00	00:00	00:00	N/A
330	L/K/D	200	10.7	00:00	00:00	00:00	N/A
331	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
332	KITCHEN	200	0.0	00:00	00:00	00:00	N/A
333	BEDROOM	100	0.0	00:00	00:00	00:00	N/A
334	BEDROOM	100	0.0	00:00	00:00	00:00	N/A
335	BEDROOM	100	100.0	01:13	01:23	01:28	21 MAR
336	BEDROOM	100	100.0	00:51	01:14	01:47	21 MAR
337	BEDROOM	100	100.0	00:54	01:11	00:21	25 FEB
338	L/K/D	200	90.7	07:05	07:53	08:48	21 MAR
339	L/K/D	200	21.1	07:36	06:56	04:10	21 MAR
340	BEDROOM	100	100.0	06:34	07:22	08:29	21 MAR
341	BEDROOM	100	100.0	05:13	05:44	06:44	21 MAR
342	LIVING ROOM	150	51.1	07:33	07:16	04:43	21 MAR
343	BEDROOM	100	100.0	05:49	06:19	07:31	21 MAR
344	L/K/D	200	98.7	07:43	08:16	05:54	25 FEB
345	L/K/D	200	100.0	08:10	09:45	11:22	21 MAR
346	BEDROOM	100	100.0	02:36	03:33	04:44	21 MAR
347	BEDROOM	100	100.0	04:32	05:15	05:40	21 MAR
348	BEDROOM	100	100.0	05:01	05:25	06:08	21 MAR
349	BEDROOM	100	100.0	05:02	05:34	06:06	21 MAR
350	L/K/D	200	46.9	04:58	04:38	03:07	21 MAR
351	BEDROOM	100	100.0	01:49	02:44	03:54	21 MAR
352	BEDROOM	100	100.0	03:40	03:59	05:18	21 MAR
353	L/K/D	200	50.6	04:55	05:23	06:24	21 MAR
354	BEDROOM	100	100.0	02:48	03:38	05:02	21 MAR
355	BEDROOM	100	100.0	04:26	05:01	05:50	21 MAR
356	BEDROOM	100	100.0	04:49	05:20	06:19	21 MAR
357	BEDROOM	100	100.0	04:50	05:39	06:19	21 MAR

Table 23: Assessment Data

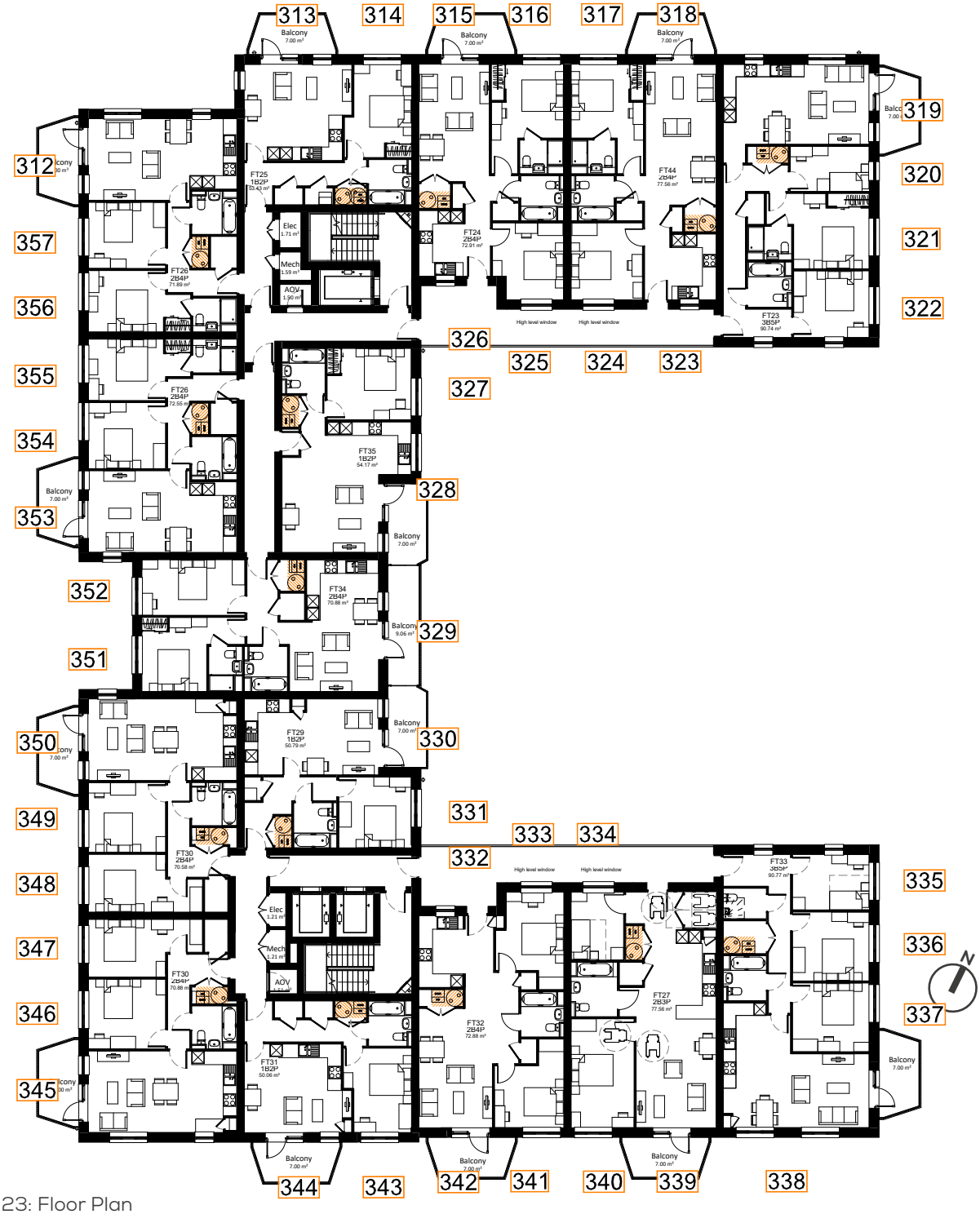


Fig. 23: Floor Plan

Block B5 - Third Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK B5 - THIRD FLOOR							
358	L/K/D	200	99.6	05:01	05:13	03:34	25 FEB
359	L/K/D	200	84.5	00:21	01:33	02:50	21 MAR
360	BEDROOM	100	100.0	00:00	00:00	00:47	21 MAR
361	LIVING ROOM	150	52.5	00:00	00:00	00:55	21 MAR
362	BEDROOM	100	100.0	00:00	00:00	00:55	21 MAR
363	BEDROOM	100	100.0	00:00	00:00	00:41	21 MAR
364	LIVING ROOM	150	38.5	00:00	00:00	00:55	21 MAR
365	L/K/D	200	94.9	01:27	01:24	01:25	21 MAR
366	BEDROOM	100	52.5	00:35	00:58	00:53	25 FEB
367	BEDROOM	100	95.0	01:21	02:21	02:21	21 MAR (DUP)
368	BEDROOM	100	100.0	06:18	07:18	08:00	21 MAR
369	KITCHEN	200	0.0	04:39	01:57	00:00	21 MAR
370	BEDROOM	100	0.0	02:57	01:56	01:18	21 MAR
371	BEDROOM	100	0.0	02:42	01:57	01:17	21 MAR
372	KITCHEN	200	0.0	01:52	01:26	00:54	21 MAR
373	BEDROOM	100	100.0	01:02	02:14	03:32	21 MAR
374	L/K/D	200	47.6	00:53	02:03	03:05	21 MAR
375	L/K/D	200	26.1	00:00	00:18	01:31	21 MAR
376	L/K/D	200	18.9	00:00	00:00	00:00	N/A
377	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
378	KITCHEN	200	0.0	00:00	00:00	00:00	N/A
379	BEDROOM	100	0.0	00:00	00:00	00:00	N/A
380	BEDROOM	100	0.0	00:00	00:00	00:00	N/A
381	BEDROOM	100	100.0	01:30	01:39	02:27	21 MAR
382	BEDROOM	100	100.0	01:55	01:57	02:27	21 MAR
383	BEDROOM	100	100.0	01:55	02:46	02:34	25 FEB
384	L/K/D	200	100.0	08:09	08:34	08:59	21 MAR
385	L/K/D	200	43.2	08:09	08:33	08:59	21 MAR
386	BEDROOM	100	100.0	08:09	08:34	08:59	21 MAR
387	BEDROOM	100	100.0	08:09	08:34	08:59	21 MAR
388	LIVING ROOM	150	95.4	08:09	08:34	08:59	21 MAR
389	BEDROOM	100	100.0	08:09	08:34	08:59	21 MAR
390	L/K/D	200	100.0	08:09	08:34	08:59	21 MAR
391	L/K/D	200	100.0	08:45	10:14	11:46	21 MAR
392	BEDROOM	100	100.0	02:48	03:45	05:12	21 MAR
393	BEDROOM	100	100.0	04:51	05:49	06:23	21 MAR
394	BEDROOM	100	100.0	05:13	05:48	06:22	21 MAR
395	BEDROOM	100	100.0	05:10	05:48	06:23	21 MAR
396	L/K/D	200	49.6	05:10	04:51	03:29	21 MAR
397	BEDROOM	100	100.0	02:02	02:59	04:02	21 MAR
398	BEDROOM	100	100.0	03:54	04:35	05:31	21 MAR
399	L/K/D	200	53.2	05:07	05:42	06:32	21 MAR
400	BEDROOM	100	100.0	03:02	03:58	05:50	21 MAR
401	BEDROOM	100	100.0	04:48	05:46	06:28	21 MAR
402	BEDROOM	100	100.0	05:06	05:51	06:28	21 MAR
403	BEDROOM	100	100.0	05:03	05:51	06:27	21 MAR

Table 24: Assessment Data

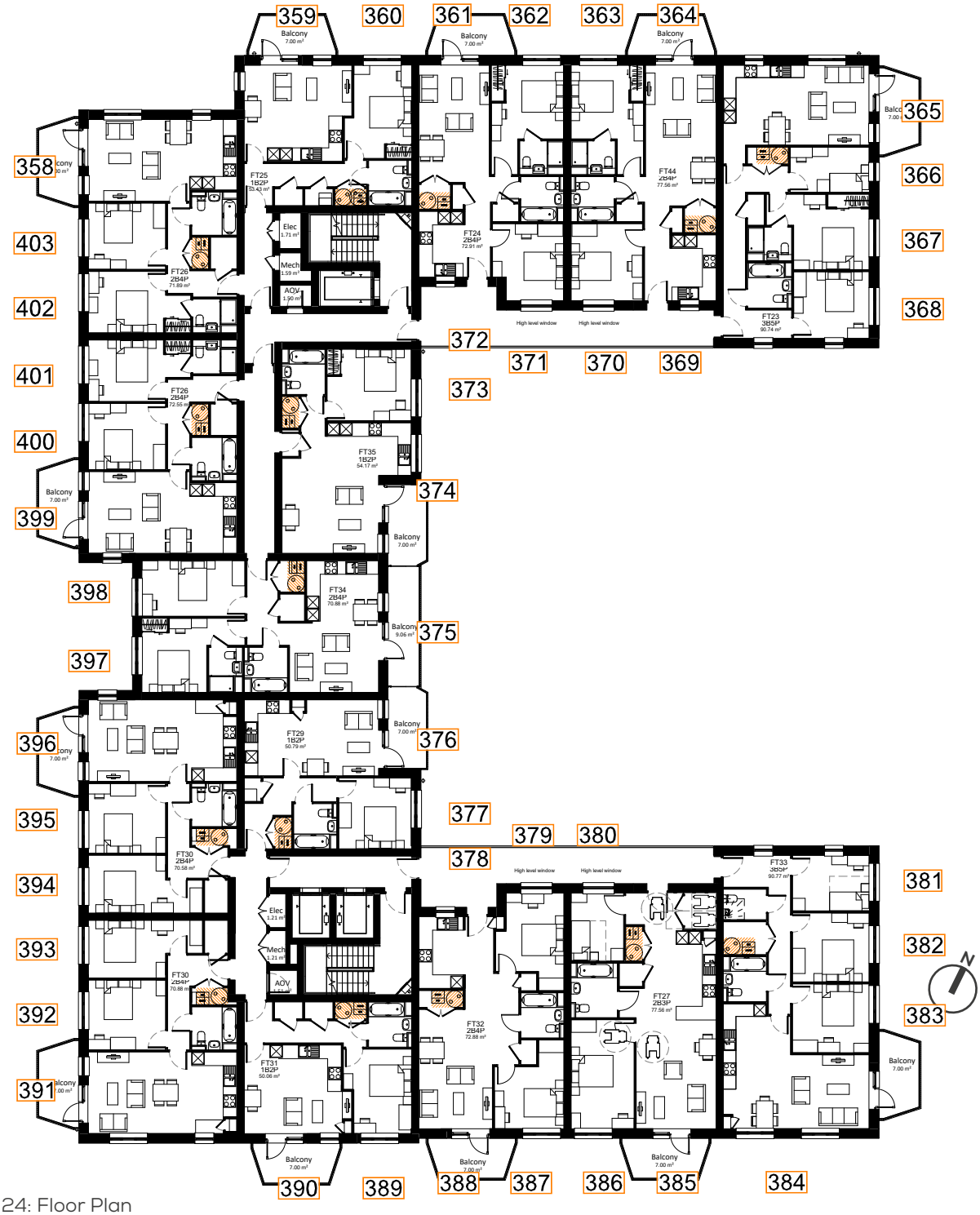


Fig. 24: Floor Plan

Block B5 - Fourth Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK B5 - FOURTH FLOOR							
404	L/K/D	200	100.0	05:18	05:59	06:46	21 MAR
405	L/K/D	200	100.0	00:35	01:41	03:20	21 MAR
406	BEDROOM	100	100.0	00:00	00:00	01:15	21 MAR
407	LIVING ROOM	150	93.8	00:00	00:00	01:14	21 MAR
408	BEDROOM	100	100.0	00:00	00:00	01:15	21 MAR
409	BEDROOM	100	100.0	00:00	00:00	01:15	21 MAR
410	LIVING ROOM	150	65.8	00:00	00:00	01:14	21 MAR
411	L/K/D	200	100.0	01:32	01:35	03:37	21 MAR
412	BEDROOM	100	83.6	01:03	00:58	01:40	21 MAR
413	BEDROOM	100	100.0	01:55	02:33	02:22	25 FEB
414	BEDROOM	100	100.0	07:18	07:47	08:15	21 MAR
415	KITCHEN	200	1.9	04:44	01:59	00:00	21 MAR
416	BEDROOM	100	0.0	03:21	02:22	01:34	21 MAR
417	BEDROOM	100	0.0	03:21	02:22	01:34	21 MAR
418	KITCHEN	200	0.0	02:33	01:50	01:01	21 MAR
419	BEDROOM	100	100.0	01:55	02:53	03:56	21 MAR
420	L/K/D	200	90.3	01:55	02:53	03:56	21 MAR
421	L/K/D	200	85.5	01:05	01:56	03:01	21 MAR
422	L/K/D	200	43.6	00:18	01:24	02:04	21 MAR
423	BEDROOM	100	100.0	01:41	02:41	03:45	21 MAR
424	BEDROOM	100	86.8	01:05	02:07	03:14	21 MAR
425	BEDROOM	100	100.0	08:09	08:34	08:59	21 MAR
426	BEDROOM	100	100.0	08:09	08:34	08:59	21 MAR
427	L/K/D	200	100.0	08:56	10:23	11:57	21 MAR
428	BEDROOM	100	100.0	05:20	06:00	06:37	21 MAR
429	BEDROOM	100	100.0	05:19	06:00	06:37	21 MAR
430	BEDROOM	100	100.0	05:16	06:00	06:37	21 MAR
431	L/K/D	200	70.3	05:16	06:00	06:41	21 MAR
432	BEDROOM	100	100.0	02:09	03:10	04:10	21 MAR
433	BEDROOM	100	100.0	04:00	05:28	06:37	21 MAR
434	L/K/D	200	76.4	05:17	07:19	08:05	21 MAR
435	BEDROOM	100	100.0	05:17	06:00	06:36	21 MAR
436	BEDROOM	100	100.0	05:17	05:59	06:36	21 MAR
437	BEDROOM	100	100.0	05:18	05:59	06:36	21 MAR
438	BEDROOM	100	100.0	05:18	05:59	06:36	21 MAR

Table 25: Assessment Data

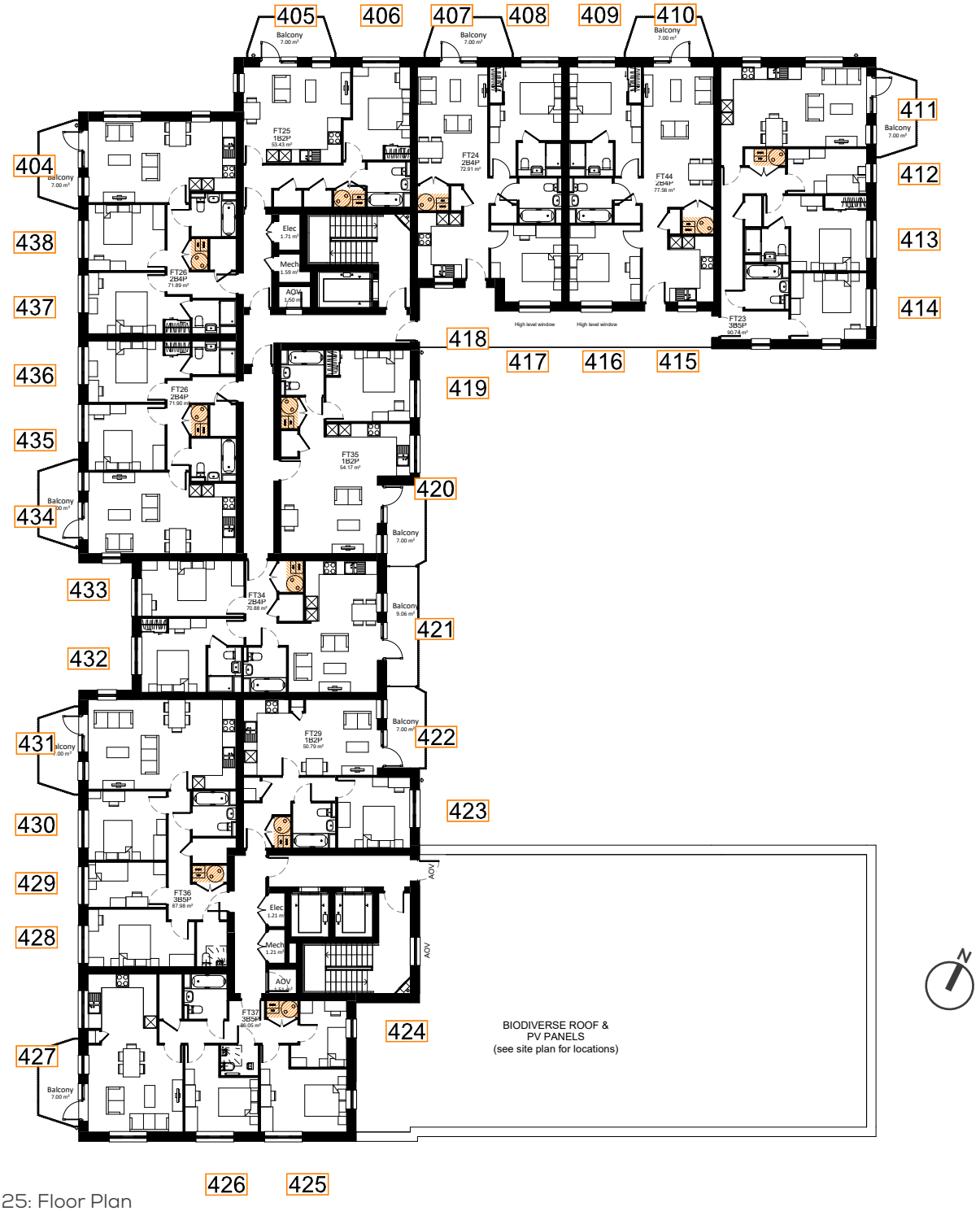


Fig. 25: Floor Plan

Block B6 - Ground Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK B6 - GROUND FLOOR							
439	L/K/D	200	31.3	03:23	04:01	03:42	25 FEB
440	L/K/D	200	16.5	02:58	03:43	03:12	25 FEB
441	BEDROOM	100	28.8	00:00	00:00	00:03	21 MAR
442	BEDROOM	100	99.6	00:30	01:33	03:08	21 MAR
443	L/K/D	200	26.7	00:38	01:10	02:27	21 MAR
444	BEDROOM	100	57.9	00:29	01:40	02:29	21 MAR
445	BEDROOM	100	56.2	00:18	00:43	01:43	21 MAR
446	L/K/D	200	28.2	00:00	02:17	03:46	21 MAR
447	BEDROOM	100	99.1	00:00	00:47	02:44	21 MAR
448	BEDROOM	100	24.8	04:20	05:03	07:11	21 MAR
449	L/K/D	200	14.5	03:51	05:21	06:47	21 MAR
450	L/K/D	200	26.7	03:51	04:28	06:16	21 MAR
451	L/K/D	200	2.9	00:00	00:00	00:16	21 MAR
452	BEDROOM	100	47.7	00:00	00:03	01:27	21 MAR
453	BEDROOM	100	52.1	00:02	04:01	03:39	25 FEB
454	L/K/D	200	3.1	01:44	03:21	03:09	25 FEB

Table 26: Assessment Data

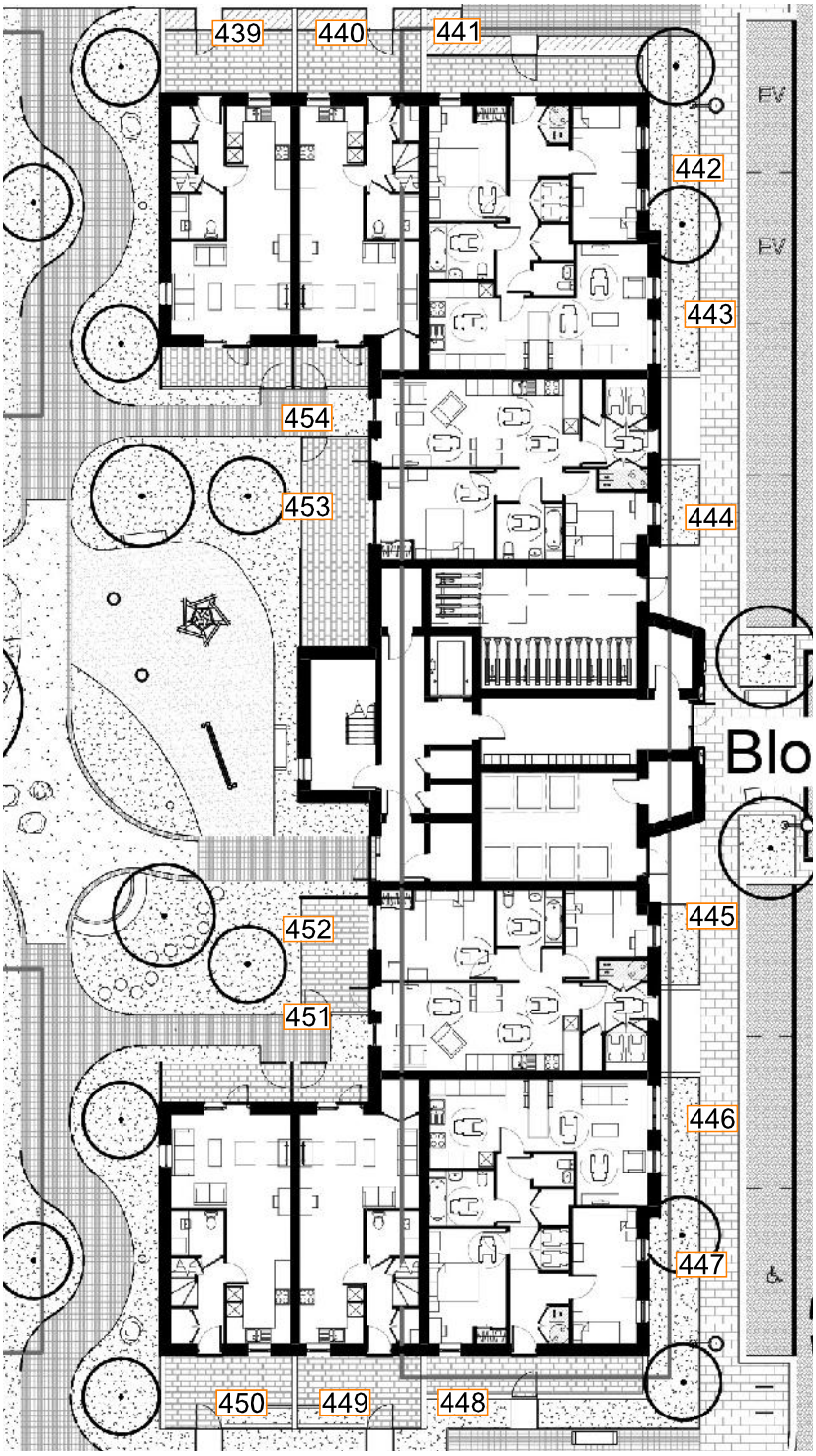


Fig. 26: Floor Plan

Block B6 - First Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK B6 - FIRST FLOOR							
455	BEDROOM	100	100.0	00:00	00:00	00:07	21 MAR
456	BEDROOM	100	100.0	00:00	00:00	00:07	21 MAR
457	BEDROOM	100	79.5	00:00	00:00	00:06	21 MAR
458	L/K/D	200	100.0	00:51	01:48	04:15	21 MAR
459	BEDROOM	100	97.4	00:45	01:50	03:09	21 MAR
460	BEDROOM	100	100.0	01:04	01:27	01:56	21 MAR
461	L/K/D	200	22.0	04:20	04:24	04:02	25 FEB
462	BEDROOM	100	66.8	00:20	01:31	02:27	21 MAR
463	BEDROOM	100	95.0	00:47	01:30	01:36	21 MAR
464	L/K/D	200	16.9	00:00	00:02	02:04	21 MAR
465	L/K/D	200	17.9	01:06	02:30	03:45	21 MAR
466	BEDROOM	100	94.4	00:46	01:16	02:59	21 MAR
467	BEDROOM	100	63.9	00:21	01:15	02:01	21 MAR
468	L/K/D	200	21.0	01:15	02:21	04:20	21 MAR
469	BEDROOM	100	100.0	01:04	02:29	03:56	21 MAR
470	BEDROOM	100	96.8	00:01	01:43	03:11	21 MAR
471	L/K/D	200	100.0	06:43	08:15	08:51	21 MAR
472	BEDROOM	100	81.3	05:44	06:33	07:51	21 MAR
473	BEDROOM	100	100.0	05:26	06:29	07:50	21 MAR
474	BEDROOM	100	100.0	05:48	05:07	04:01	21 MAR
475	BEDROOM	100	100.0	00:35	00:36	00:32	25 FEB
476	BEDROOM	100	93.0	00:00	00:00	00:00	N/A
477	BEDROOM	100	94.8	04:15	04:13	04:52	21 MAR
478	BEDROOM	100	100.0	04:44	04:20	05:05	21 MAR

Table 27: Assessment Data

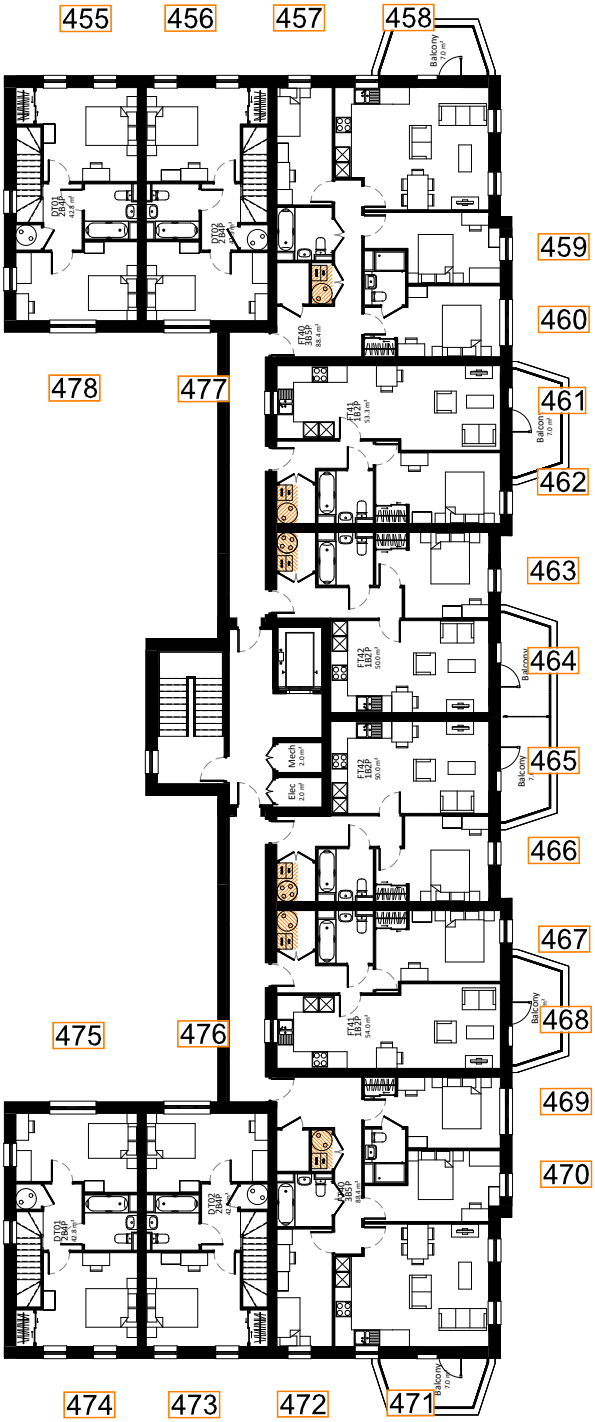


Fig. 27: Floor Plan

Block B6 - Second Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK B6 - SECOND FLOOR							
479	BEDROOM	100	100.0	04:59	06:04	06:22	21 MAR
480	L/K/D	200	84.4	00:45	00:41	01:26	21 MAR
481	BEDROOM	100	89.5	00:00	00:00	00:11	21 MAR
482	BEDROOM	100	76.6	00:00	00:00	00:10	21 MAR
483	BEDROOM	100	84.1	00:00	00:00	00:11	21 MAR
484	L/K/D	200	100.0	01:05	02:04	04:21	21 MAR
485	BEDROOM	100	98.7	01:02	02:02	03:14	21 MAR
486	BEDROOM	100	100.0	01:50	02:51	03:56	21 MAR
487	L/K/D	200	63.1	05:18	06:12	07:10	21 MAR
488	BEDROOM	100	70.2	00:32	01:41	02:51	21 MAR
489	BEDROOM	100	97.2	00:58	02:05	03:09	21 MAR
490	L/K/D	200	54.2	00:00	00:13	03:46	21 MAR
491	L/K/D	200	55.6	01:51	02:47	03:56	21 MAR
492	BEDROOM	100	97.2	01:00	02:07	03:14	21 MAR
493	BEDROOM	100	67.8	00:29	01:43	02:53	21 MAR
494	L/K/D	200	59.4	01:49	02:55	07:27	21 MAR
495	BEDROOM	100	100.0	01:51	02:47	03:56	21 MAR
496	BEDROOM	100	97.4	00:53	01:55	03:14	21 MAR
497	L/K/D	200	100.0	07:44	08:30	08:58	21 MAR
498	BEDROOM	100	100.0	06:47	07:25	08:09	21 MAR
499	BEDROOM	100	93.8	06:49	07:26	08:10	21 MAR
500	BEDROOM	100	98.8	06:50	07:24	08:10	21 MAR
501	L/K/D	200	92.7	07:14	08:06	08:51	21 MAR
502	BEDROOM	100	100.0	00:59	01:06	01:51	21 MAR

Table 28: Assessment Data

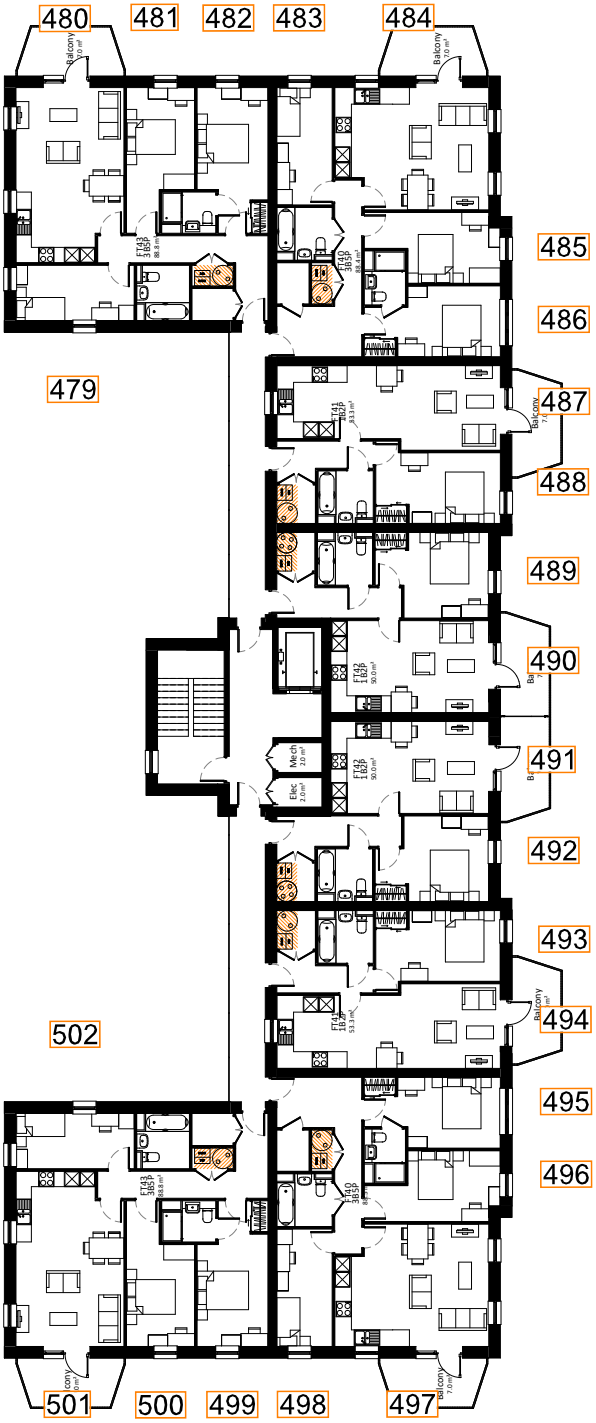


Fig. 28: Floor Plan

Block T1 - Ground Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK T1 - GROUND FLOOR							
503	L/K/D	200	68.7	06:17	08:25	09:52	21 MAR
504	L/K/D	200	67.1	06:33	08:27	09:53	21 MAR
505	L/K/D	200	67.1	06:06	08:36	09:34	21 MAR
506	L/K/D	200	68.2	06:12	08:20	09:53	21 MAR
507	L/K/D	200	69.5	06:21	08:45	09:34	21 MAR
508	L/K/D	200	72.8	06:03	08:49	09:55	21 MAR
509	L/K/D	200	75.7	07:01	08:59	09:27	21 MAR
510	L/K/D	200	79.0	07:09	08:38	09:44	21 MAR

Table 29: Assessment Data

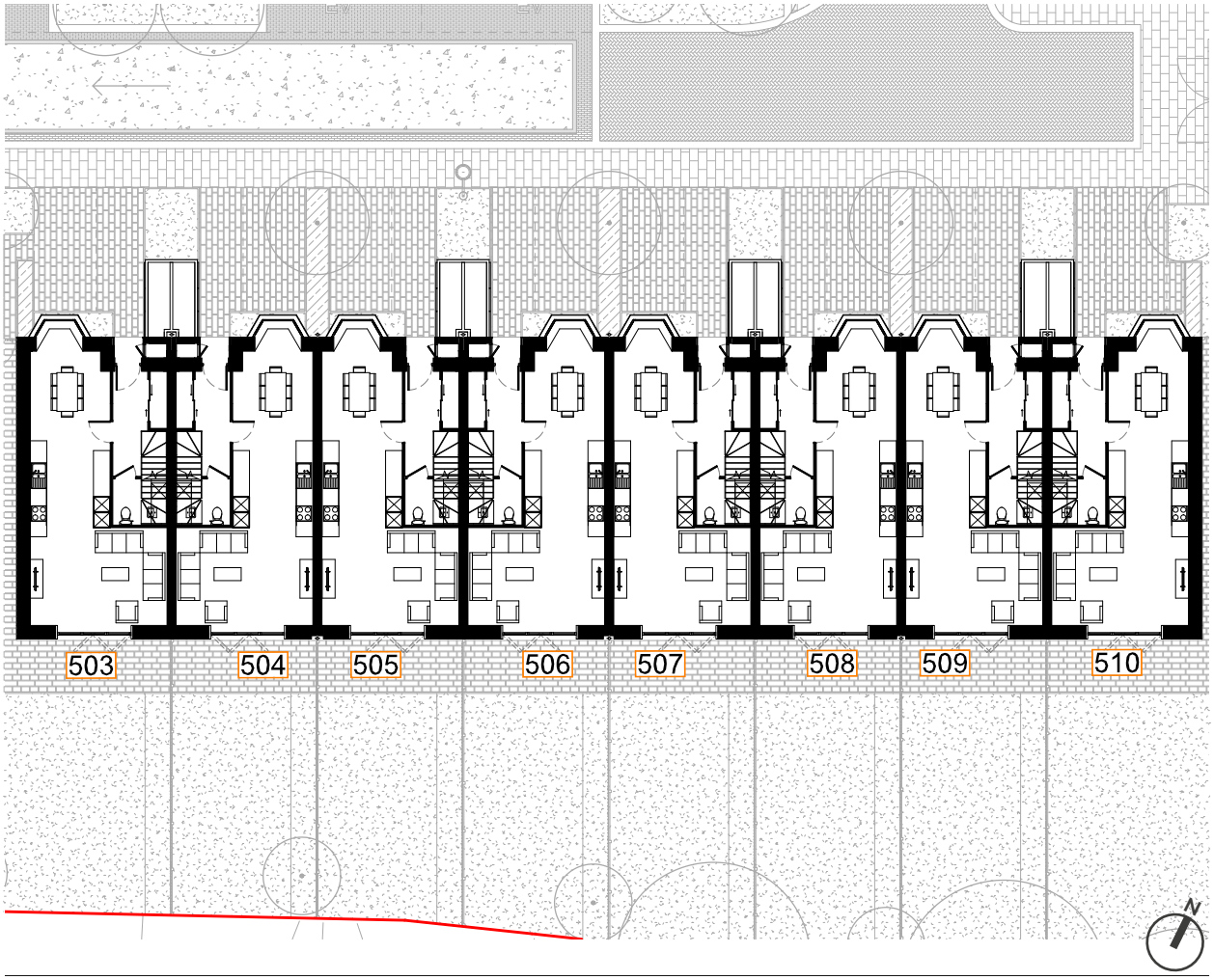


Fig. 29: Floor Plan

Block T1 - First Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK T1 - FIRST FLOOR							
511	BEDROOM	100	93.9	00:00	00:00	00:00	N/A
512	BEDROOM	100	43.0	00:00	00:00	00:00	N/A
513	BEDROOM	100	43.4	00:00	00:00	00:00	N/A
514	BEDROOM	100	98.2	00:00	00:00	00:00	N/A
515	BEDROOM	100	97.0	00:00	00:00	00:00	N/A
516	BEDROOM	100	44.2	00:00	00:00	00:00	N/A
517	BEDROOM	100	46.0	00:00	00:00	00:00	N/A
518	BEDROOM	100	98.2	00:00	00:00	00:00	N/A
519	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
520	BEDROOM	100	47.8	00:00	00:00	00:00	N/A
521	BEDROOM	100	48.7	00:00	00:00	00:00	N/A
522	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
523	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
524	BEDROOM	100	49.6	00:00	00:00	00:00	N/A
525	BEDROOM	100	54.0	00:00	00:00	00:00	N/A
526	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
527	BEDROOM	100	99.2	06:50	07:09	07:35	21 MAR
528	BEDROOM	100	96.9	07:02	07:16	07:41	21 MAR
529	BEDROOM	100	99.2	07:05	07:28	07:53	21 MAR
530	BEDROOM	100	97.0	06:24	07:20	07:49	21 MAR
531	BEDROOM	100	98.8	06:38	07:20	07:52	21 MAR
532	BEDROOM	100	96.6	06:44	07:08	07:54	21 MAR
533	BEDROOM	100	99.2	06:27	07:13	07:56	21 MAR
534	BEDROOM	100	97.7	06:42	07:19	07:58	21 MAR

Table 30: Assessment Data

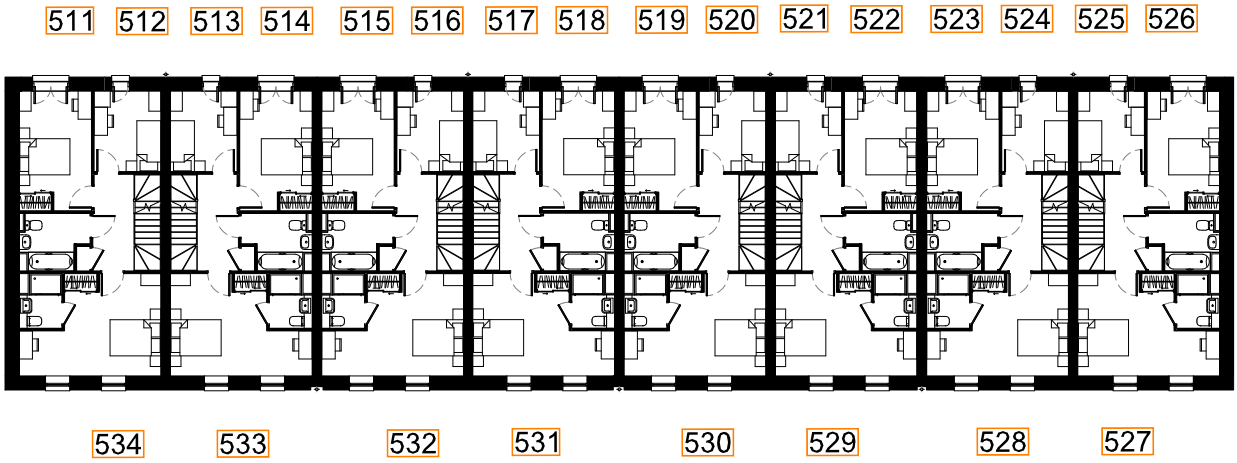
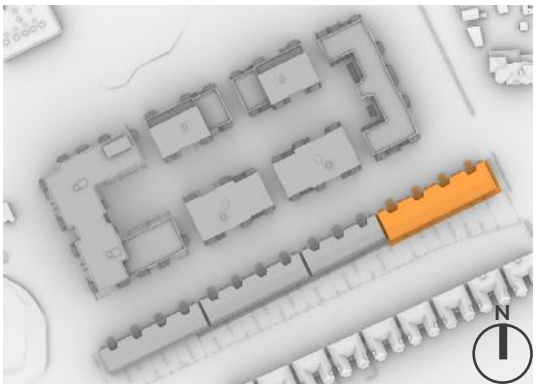


Fig. 30: Floor Plan



Block T1 - Second Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK T1 - SECOND FLOOR							
535	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
536	STUDY	150	75.7	00:00	00:00	00:00	N/A
537	STUDY	150	70.3	00:00	00:00	00:00	N/A
538	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
539	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
540	STUDY	150	78.4	00:00	00:00	00:00	N/A
541	STUDY	150	78.4	00:00	00:00	00:00	N/A
542	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
543	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
544	STUDY	150	75.7	00:00	00:00	00:00	N/A
545	STUDY	150	73.0	00:00	00:00	00:00	N/A
546	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
547	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
548	STUDY	150	75.7	00:00	00:00	00:00	N/A
549	STUDY	150	70.3	00:00	00:00	00:00	N/A
550	BEDROOM	100	100.0	00:00	00:00	00:00	N/A

Table 31: Assessment Data

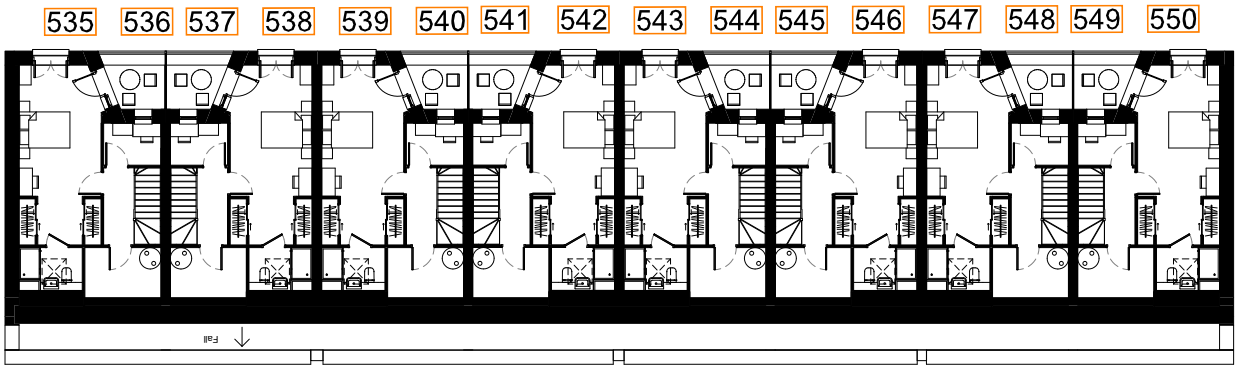
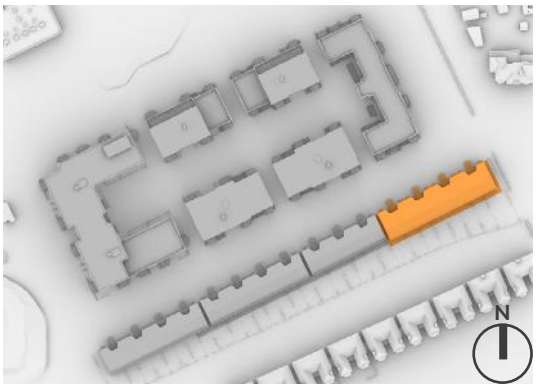


Fig. 31: Floor Plan



Block T2 - Ground Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK T2 - GROUND FLOOR							
551	L/K/D	200	84.3	06:28	08:32	09:44	21 MAR
552	L/K/D	200	78.3	05:56	08:14	09:43	21 MAR
553	L/K/D	200	78.5	06:17	08:43	09:24	21 MAR
554	L/K/D	200	78.3	05:57	08:23	09:46	21 MAR
555	L/K/D	200	78.9	06:15	08:25	09:29	21 MAR
556	L/K/D	200	81.4	06:18	08:35	09:54	21 MAR

Table 32: Assessment Data

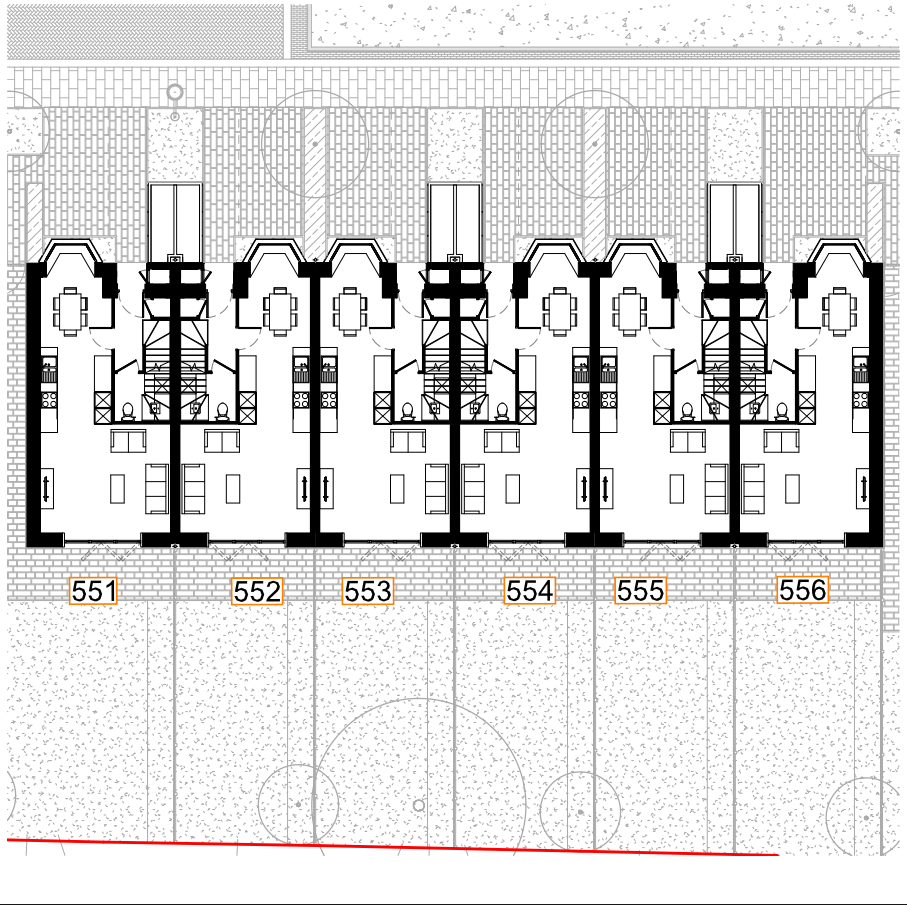


Fig. 32: Floor Plan

Block T2 - First Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK T2 - FIRST FLOOR							
557	BEDROOM	100	35.2	00:00	00:00	00:00	N/A
558	BEDROOM	100	30.5	00:00	00:00	00:00	N/A
559	BEDROOM	100	32.8	00:00	00:00	00:00	N/A
560	BEDROOM	100	32.0	00:00	00:00	00:00	N/A
561	BEDROOM	100	32.8	00:00	00:00	00:00	N/A
562	BEDROOM	100	32.8	00:00	00:00	00:00	N/A
563	BEDROOM	100	100.0	06:25	07:12	08:01	21 MAR
564	BEDROOM	100	100.0	06:37	07:19	08:00	21 MAR
565	BEDROOM	100	100.0	06:45	07:22	07:55	21 MAR
566	BEDROOM	100	100.0	06:24	07:09	07:55	21 MAR
567	BEDROOM	100	100.0	06:37	07:18	08:00	21 MAR
568	BEDROOM	100	100.0	06:42	07:18	07:54	21 MAR

Table 33: Assessment Data

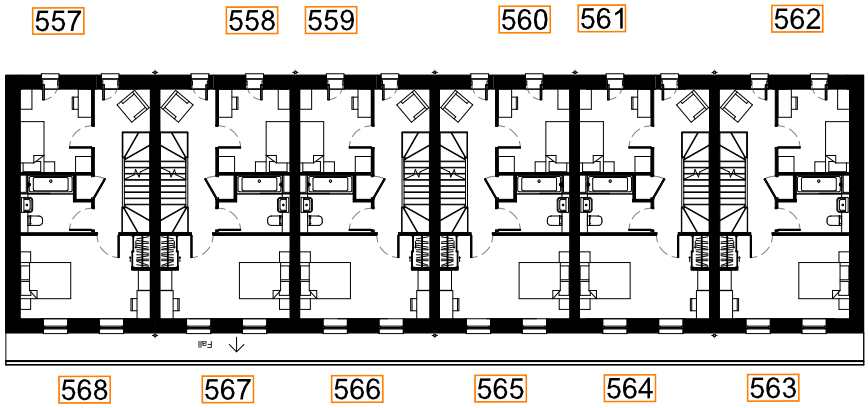


Fig. 33: Floor Plan

Block T2 - Second Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK T2 - SECOND FLOOR							
569	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
570	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
571	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
572	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
573	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
574	BEDROOM	100	100.0	00:00	00:00	00:00	N/A

Table 34: Assessment Data

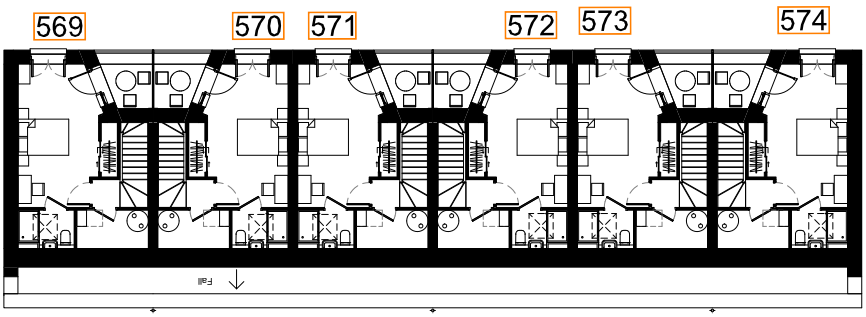


Fig. 34: Floor Plan

Block T3 - Ground Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK T3 - GROUND FLOOR							
575	L/K/D	200	79.7	06:20	08:20	10:08	21 MAR
576	L/K/D	200	79.5	05:47	08:01	10:12	21 MAR
577	L/K/D	200	79.3	06:15	08:30	09:52	21 MAR
578	L/K/D	200	76.1	05:51	08:15	10:14	21 MAR
579	L/K/D	200	76.7	06:27	08:18	09:51	21 MAR
580	L/K/D	200	76.8	06:15	08:30	10:01	21 MAR
581	L/K/D	200	77.9	05:50	08:23	09:37	21 MAR
582	L/K/D	200	81.1	06:29	08:22	09:54	21 MAR

Table 35: Assessment Data

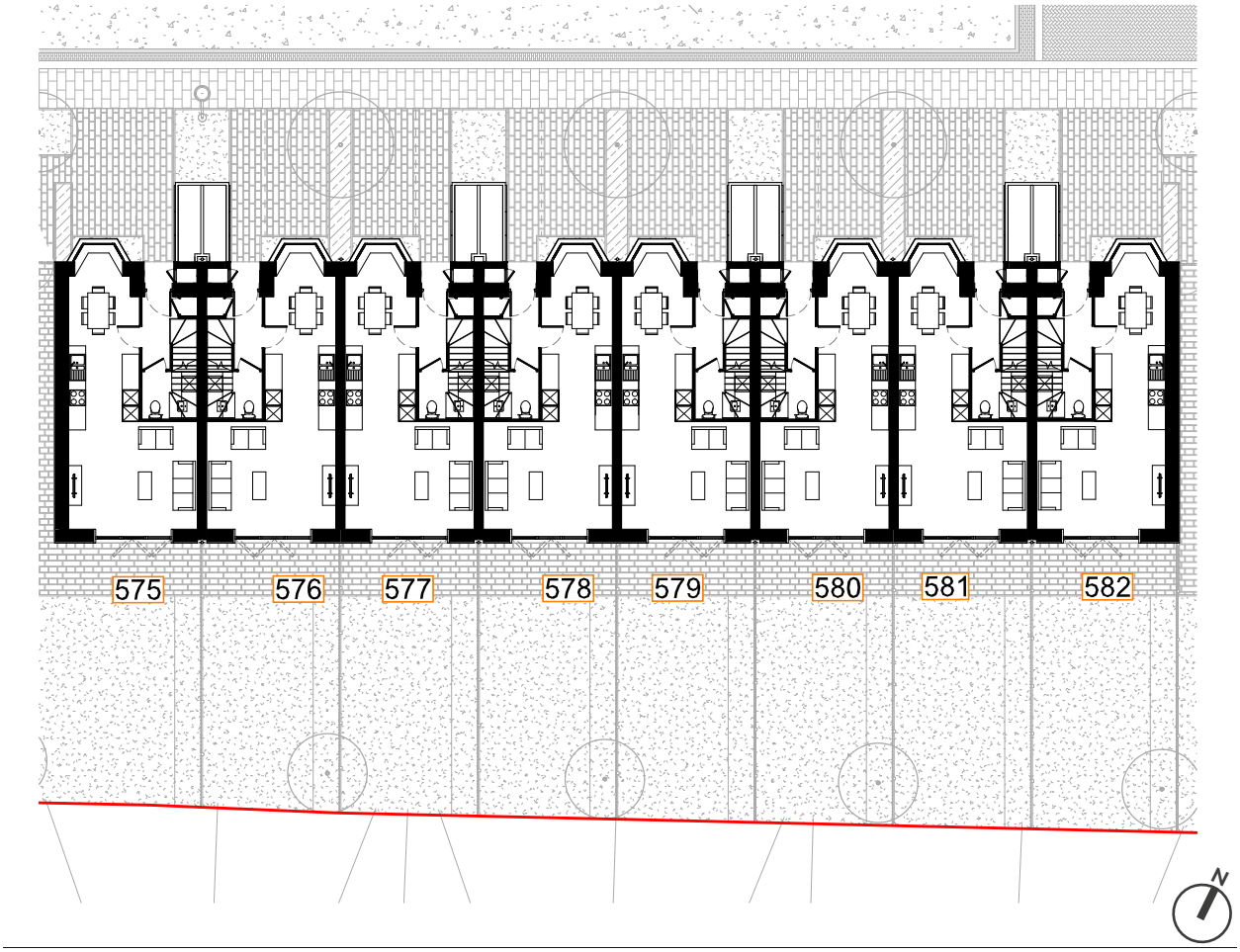


Fig. 35: Floor Plan

Block T3 - First Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK T3 - FIRST FLOOR							
583	BEDROOM	100	33.6	00:00	00:00	00:00	N/A
584	BEDROOM	100	33.6	00:00	00:00	00:00	N/A
585	BEDROOM	100	34.4	00:00	00:00	00:00	N/A
586	BEDROOM	100	31.3	00:00	00:00	00:00	N/A
587	BEDROOM	100	32.8	00:00	00:00	00:00	N/A
588	BEDROOM	100	32.0	00:00	00:00	00:00	N/A
589	BEDROOM	100	32.0	00:00	00:00	00:00	N/A
590	BEDROOM	100	33.6	00:00	00:00	00:00	N/A
591	BEDROOM	100	100.0	06:32	07:15	07:59	21 MAR
592	BEDROOM	100	100.0	06:44	07:20	07:54	21 MAR
593	BEDROOM	100	100.0	06:26	07:10	07:54	21 MAR
594	BEDROOM	100	100.0	06:35	07:18	07:59	21 MAR
595	BEDROOM	100	100.0	06:45	07:20	07:52	21 MAR
596	BEDROOM	100	100.0	06:22	07:09	07:55	21 MAR
597	BEDROOM	100	100.0	06:36	07:19	07:58	21 MAR
598	BEDROOM	100	100.0	06:41	07:15	07:53	21 MAR

Table 36: Assessment Data

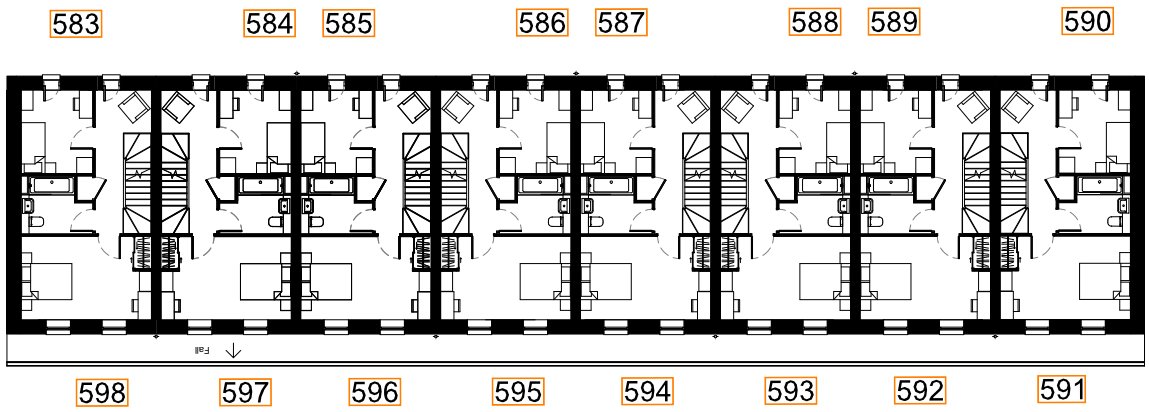


Fig. 36: Floor Plan

Block T3 - Second Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK T3 - SECOND FLOOR							
599	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
600	BEDROOM	100	100.0	00:00	00:00	00:01	21 MAR
601	BEDROOM	100	100.0	00:00	00:00	00:02	21 MAR
602	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
603	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
604	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
605	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
606	BEDROOM	100	100.0	00:00	00:00	00:00	N/A

Table 37: Assessment Data

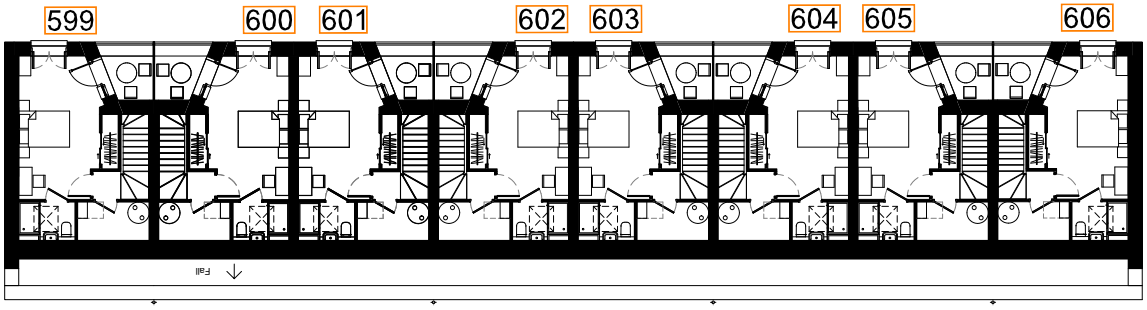


Fig. 37: Floor Plan

Block T4 - Ground Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK T4 - GROUND FLOOR							
607	L/K/D	200	100.0	07:27	08:25	10:16	21 MAR
608	L/K/D	200	100.0	06:30	07:45	10:06	21 MAR
609	L/K/D	200	98.7	06:07	08:07	09:40	21 MAR
610	L/K/D	200	97.0	05:43	07:58	10:06	21 MAR
611	L/K/D	200	81.1	06:16	07:59	09:46	21 MAR
612	L/K/D	200	80.2	06:08	08:13	10:09	21 MAR
613	L/K/D	200	78.5	05:41	08:08	09:50	21 MAR
614	L/K/D	200	78.1	06:24	07:57	10:15	21 MAR

Table 38: Assessment Data

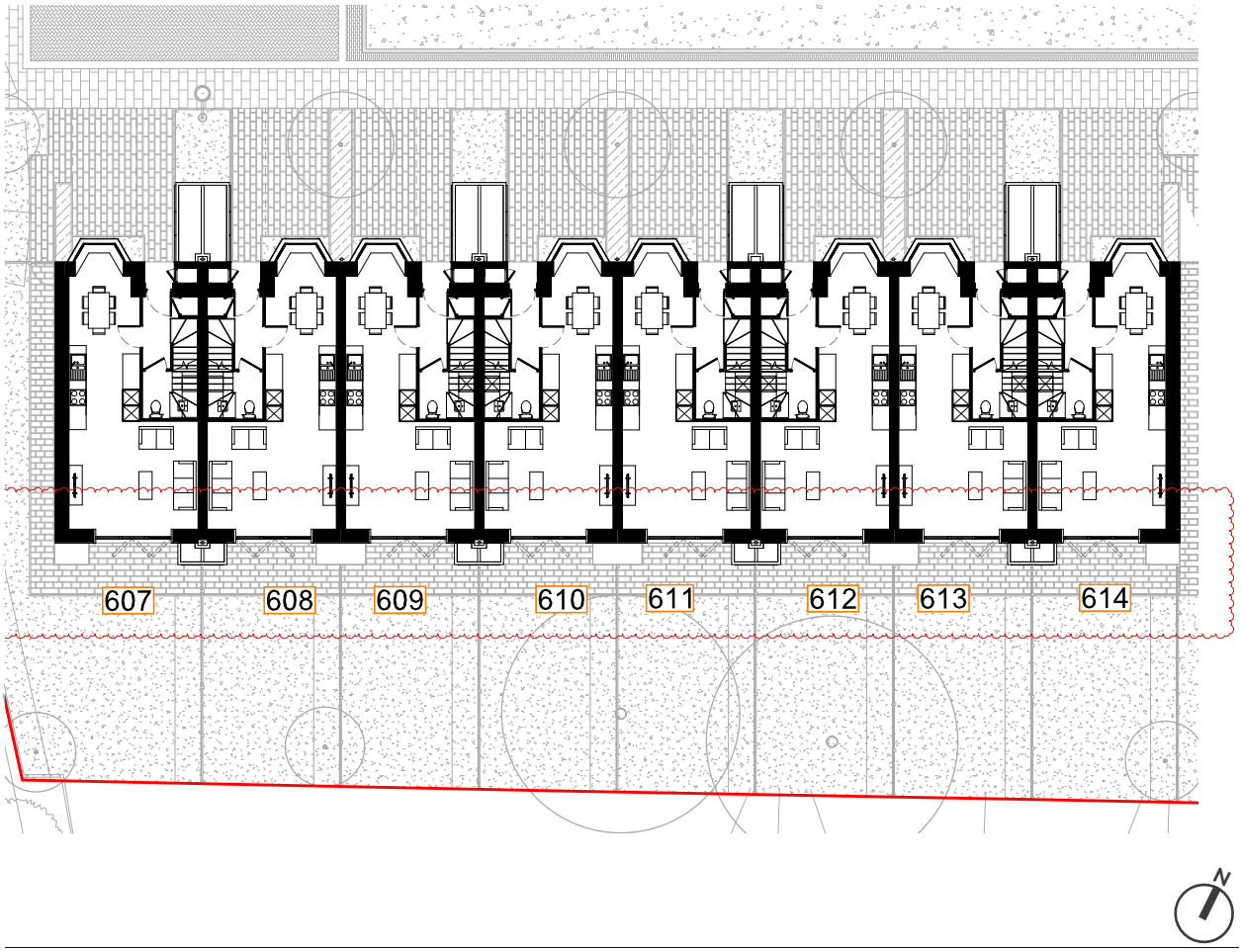


Fig. 38: Floor Plan

Block T4 - First Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK T4 - FIRST FLOOR							
615	BEDROOM	100	45.3	00:00	00:00	00:00	N/A
616	BEDROOM	100	43.8	00:00	00:00	00:00	N/A
617	BEDROOM	100	36.7	00:00	00:00	00:00	N/A
618	BEDROOM	100	34.4	00:00	00:00	00:00	N/A
619	BEDROOM	100	30.5	00:00	00:00	00:00	N/A
620	BEDROOM	100	30.5	00:00	00:00	00:00	N/A
621	BEDROOM	100	32.8	00:00	00:00	00:00	N/A
622	BEDROOM	100	31.3	00:00	00:00	00:00	N/A
623	BEDROOM	100	100.0	06:27	07:14	07:59	21 MAR
624	BEDROOM	100	100.0	06:40	07:18	07:53	21 MAR
625	BEDROOM	100	100.0	06:21	07:06	07:55	21 MAR
626	BEDROOM	100	100.0	06:30	07:16	07:59	21 MAR
627	BEDROOM	100	100.0	06:41	07:18	07:51	21 MAR
628	BEDROOM	100	100.0	06:21	07:06	07:56	21 MAR
629	BEDROOM	100	100.0	06:31	07:16	07:56	21 MAR
630	BEDROOM	100	100.0	06:42	07:11	07:52	21 MAR

Table 39: Assessment Data

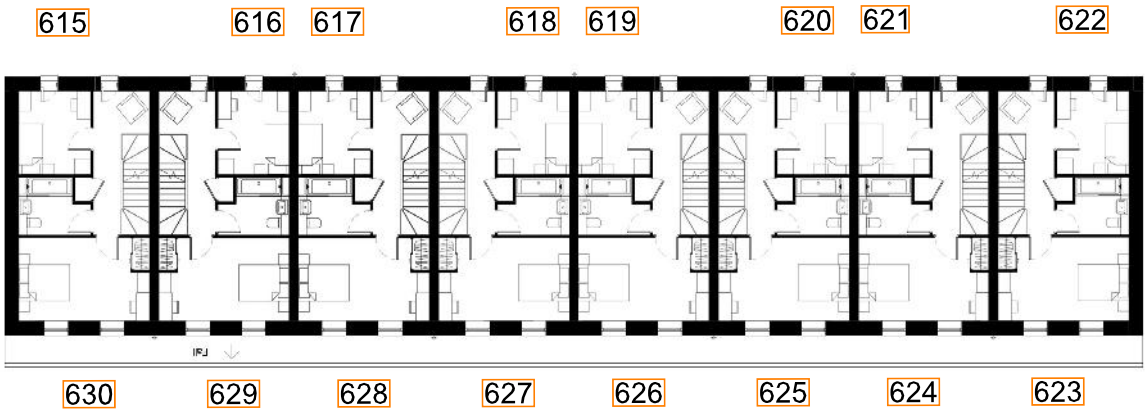
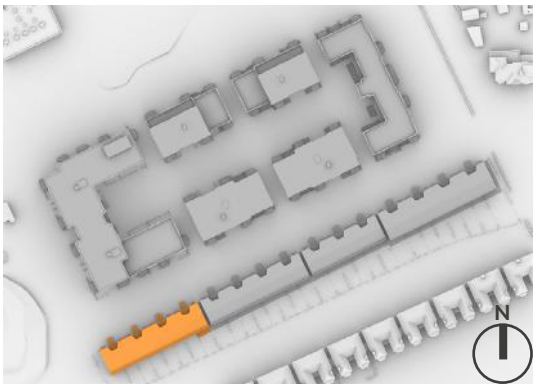


Fig. 39: Floor Plan



Block T4 - Second Floor

ROOM REF.	ROOM USE	DAYLIGHT		SUNLIGHT			
		EN SPATIAL DAYLIGHT AUTONOMY % of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick		HOURS:MIN			EN17037
		TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	GREATEST
BLOCK T4 - SECOND FLOOR							
631	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
632	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
633	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
634	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
635	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
636	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
637	BEDROOM	100	100.0	00:00	00:00	00:00	N/A
638	BEDROOM	100	100.0	00:00	00:00	00:00	N/A

Table 40: Assessment Data

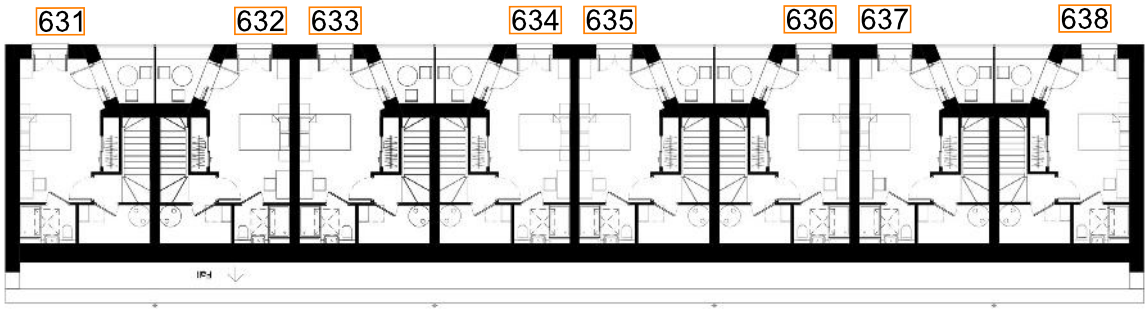
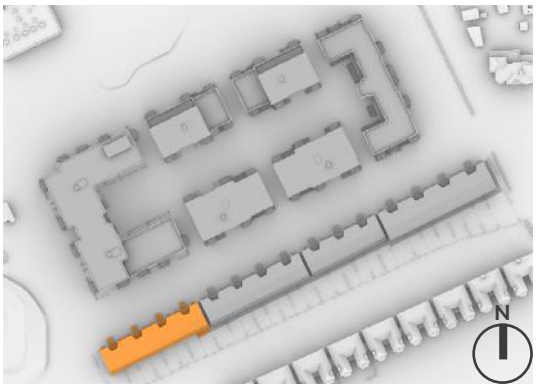
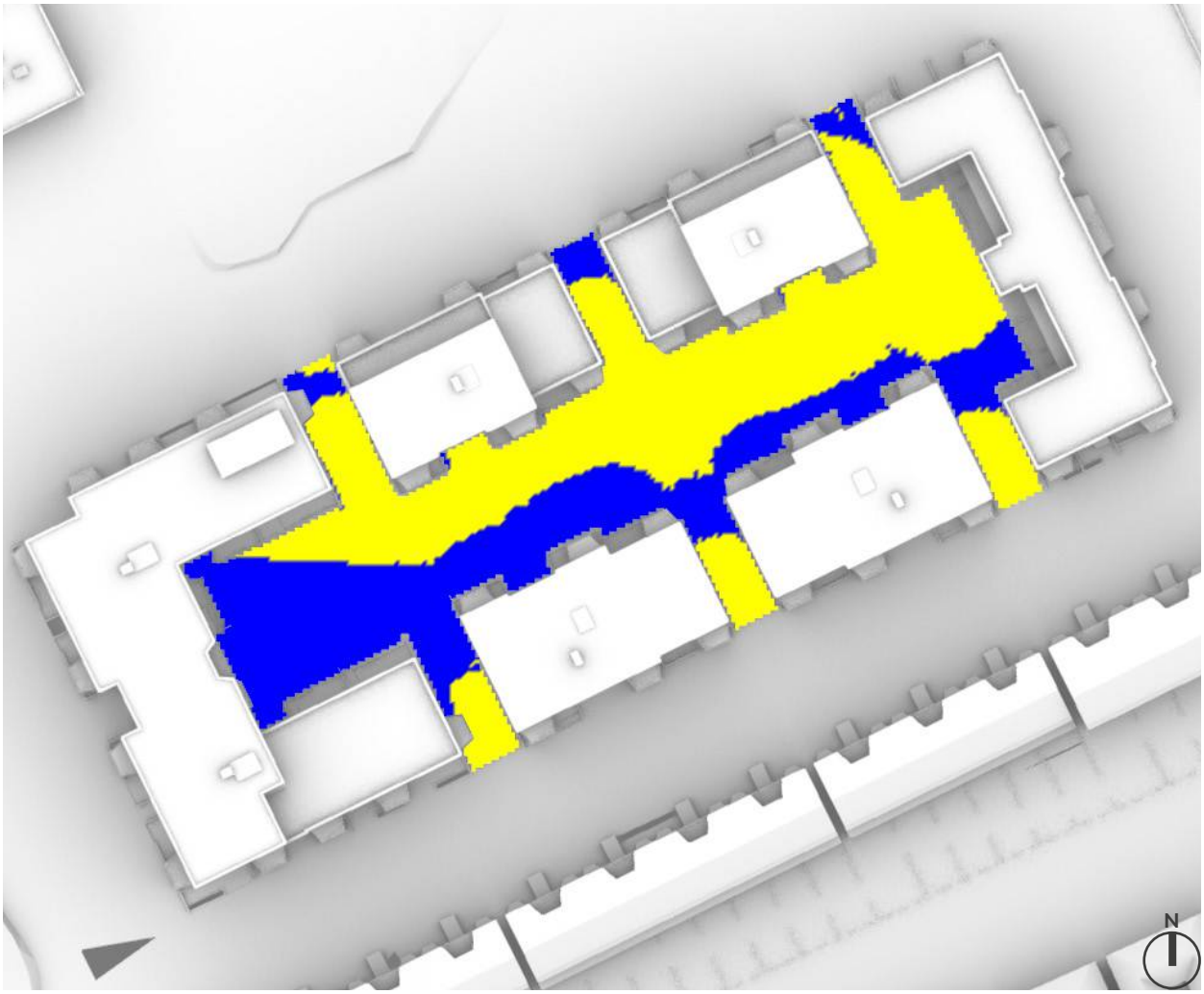


Fig. 40: Floor Plan



8 OVERSHADOWING ASSESSMENTS

OVERSHADOWING ASSESSMENT - COMMUNAL AMENITIES
SUN HOURS ON GROUND - BRE TEST - 21ST MARCH

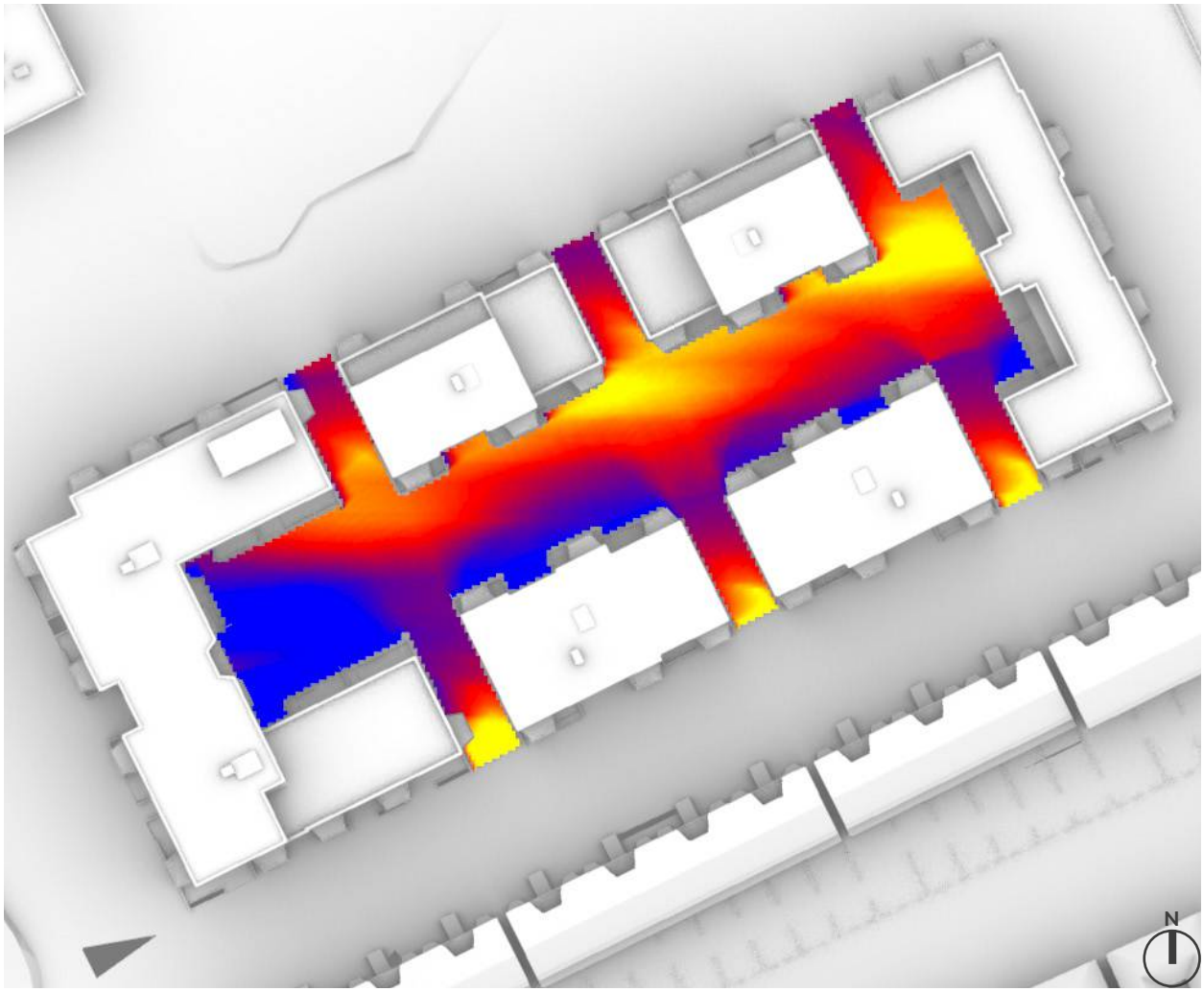


(BRE RECOMMENDS 2+ HOURS OF SUNLIGHT ON 21ST MARCH FOR AT LEAST 50% OF THE OPEN SPACE)

AREA : 60%

SUN HOURS ON GROUND
BRE TEST - 21ST MARCH

OVERSHADOWING ASSESSMENT - COMMUNAL AMENITIES
SUN EXPOSURE ON GROUND - 21ST MARCH



SUN EXPOSURE
TOTAL HOURS

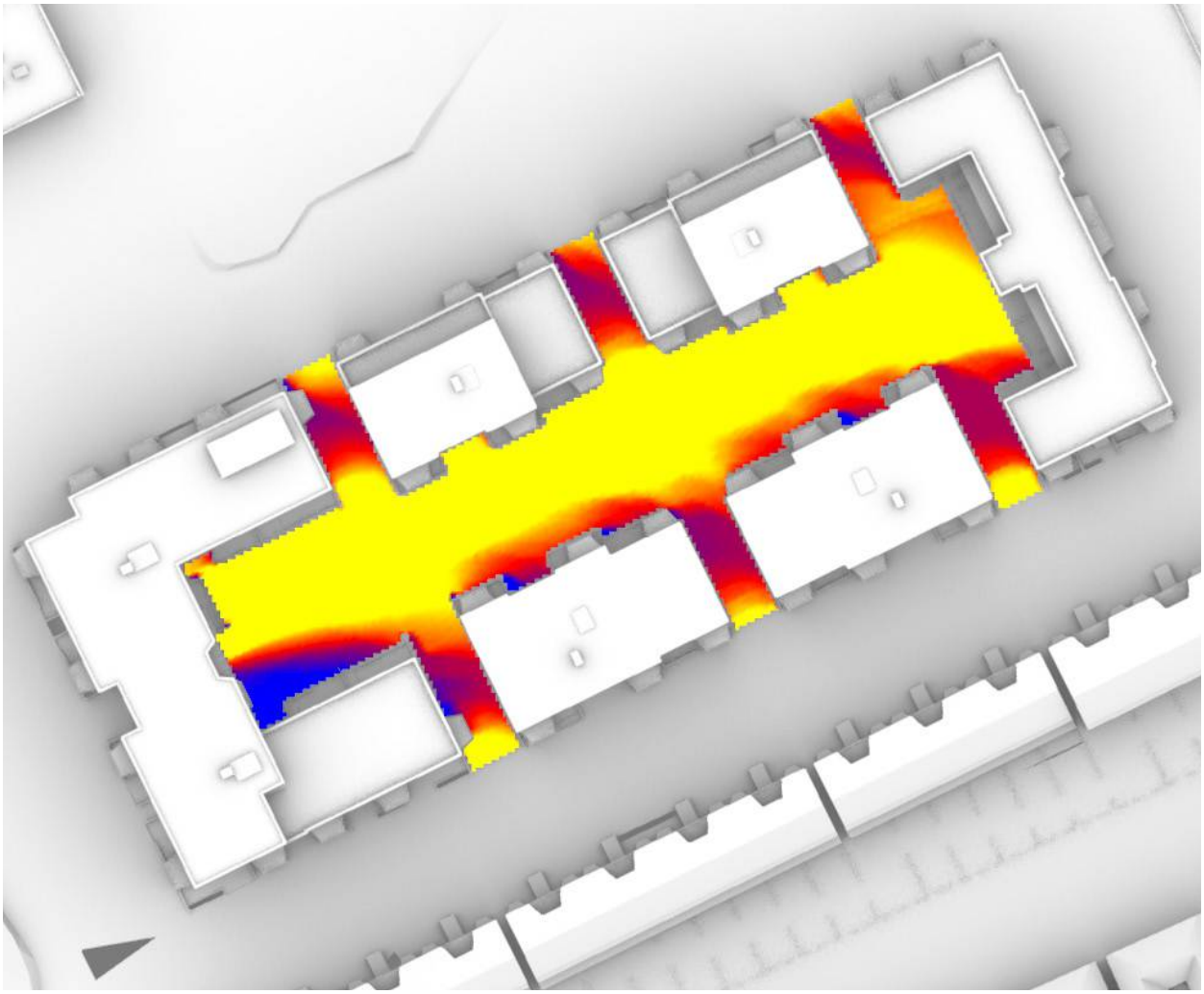
21st MARCH
(SPRING EQUINOX)

LONDON

Latitude:	51.4
Longitude:	0.0
Sunrise:	06:02 GMT
Sunset:	18:14 GMT

Total Available Sunlight:
12hrs 12mins

OVERSHADOWING ASSESSMENT - COMMUNAL AMENITIES
SUN EXPOSURE ON GROUND - 21ST JUNE



SUN EXPOSURE
TOTAL HOURS

21st JUNE
(SUMMER SOLSTICE)

LONDON

Latitude:	51.4
Longitude:	0.0
Sunrise:	04:43 BST
Sunset:	21:21 BST

Total Available Sunlight:
16hrs 38mins

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9 APPENDIX A

TEST AGAINST BR 209 2011

Block B1 - Ground Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK B1 - GROUND FLOOR						
1	L/K/D	1.2	83	N/A	20	9
2	Bedroom	1	60	MET	0	0
3	Bedroom	1.5	64	MET	0	0
4	Bedroom	0.5	45	MET	2	0
5	L/K/D	1	52	MET	1	0
6	L/K/D	1	68	MET	6	0
7	Bedroom	1.3	90	N/A	8	1
8	Bedroom	1.3	55	MET	18	4
9	L/K/D	1.4	91	N/A	68	20
10	Bedroom	2.2	97	MET	50	15
11	L/K/D	1.8	93	N/A	38	20

Table 41: Assessment Data

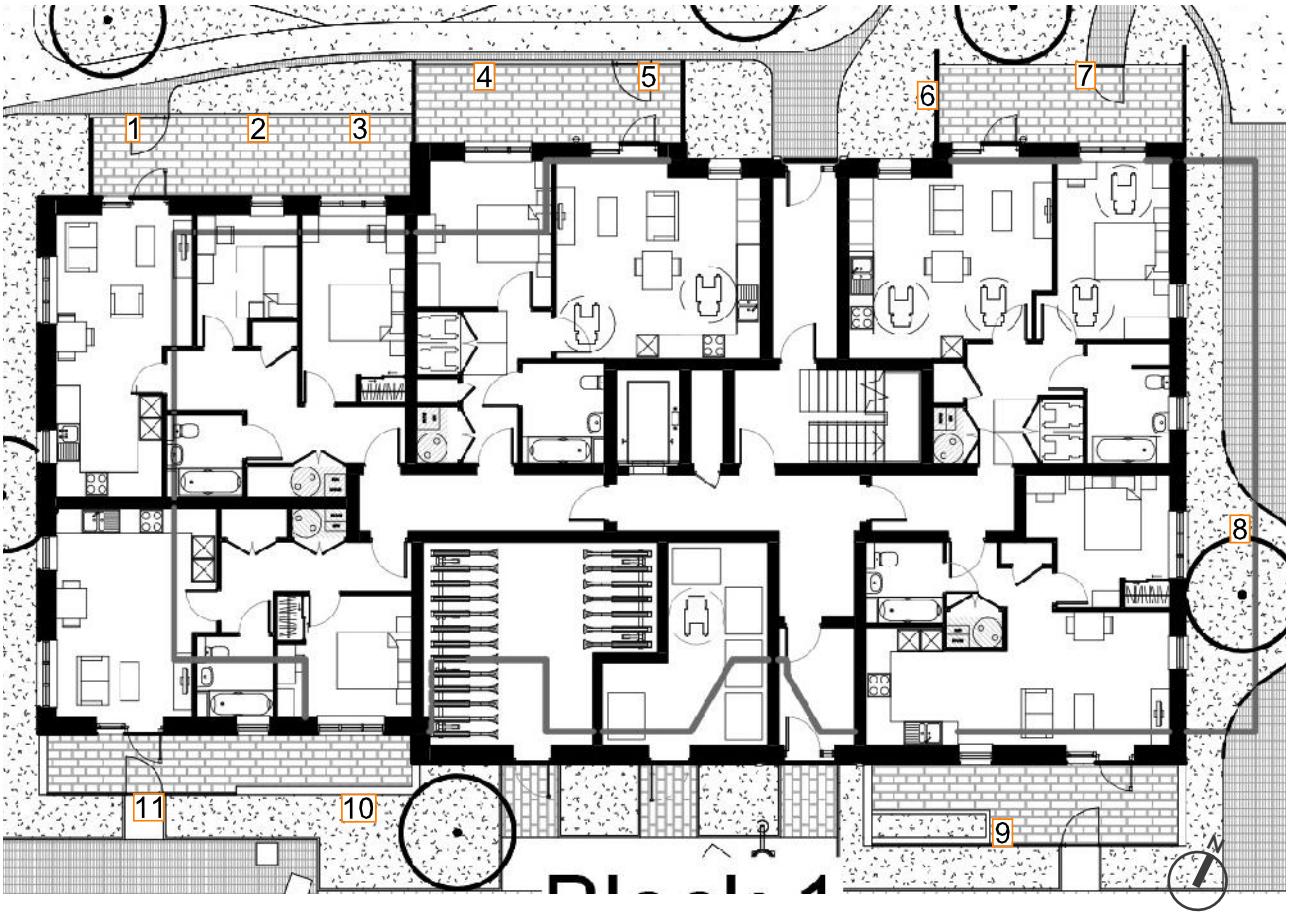


Fig. 41: Floor Plan

Block B1 - First Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK B1 - FIRST FLOOR						
12	L/K/D	1.4	85	N/A	19	3
13	Bedroom	1.1	81	MET	0	0
14	Bedroom	2.9	98	MET	3	0
15	L/K/D	0.7	41	MET	5	0
16	Bedroom	1.5	69	MET	0	0
17	Bedroom	2.8	87	MET	4	0
18	Bedroom	2.3	69	MET	5	0
19	L/K/D	2.3	99	N/A	24	2
20	Bedroom	2.3	90	MET	16	2
21	Living Room	3.4	98	N/A	72	26
22	Bedroom	3.3	98	MET	72	26
23	Bedroom	3.8	99	MET	72	24
24	Living Room	1.5	97	MET	33	23
25	Bedroom	3.3	96	MET	60	24
26	L/K/D	2	99	N/A	47	25

Table 42: Assessment Data

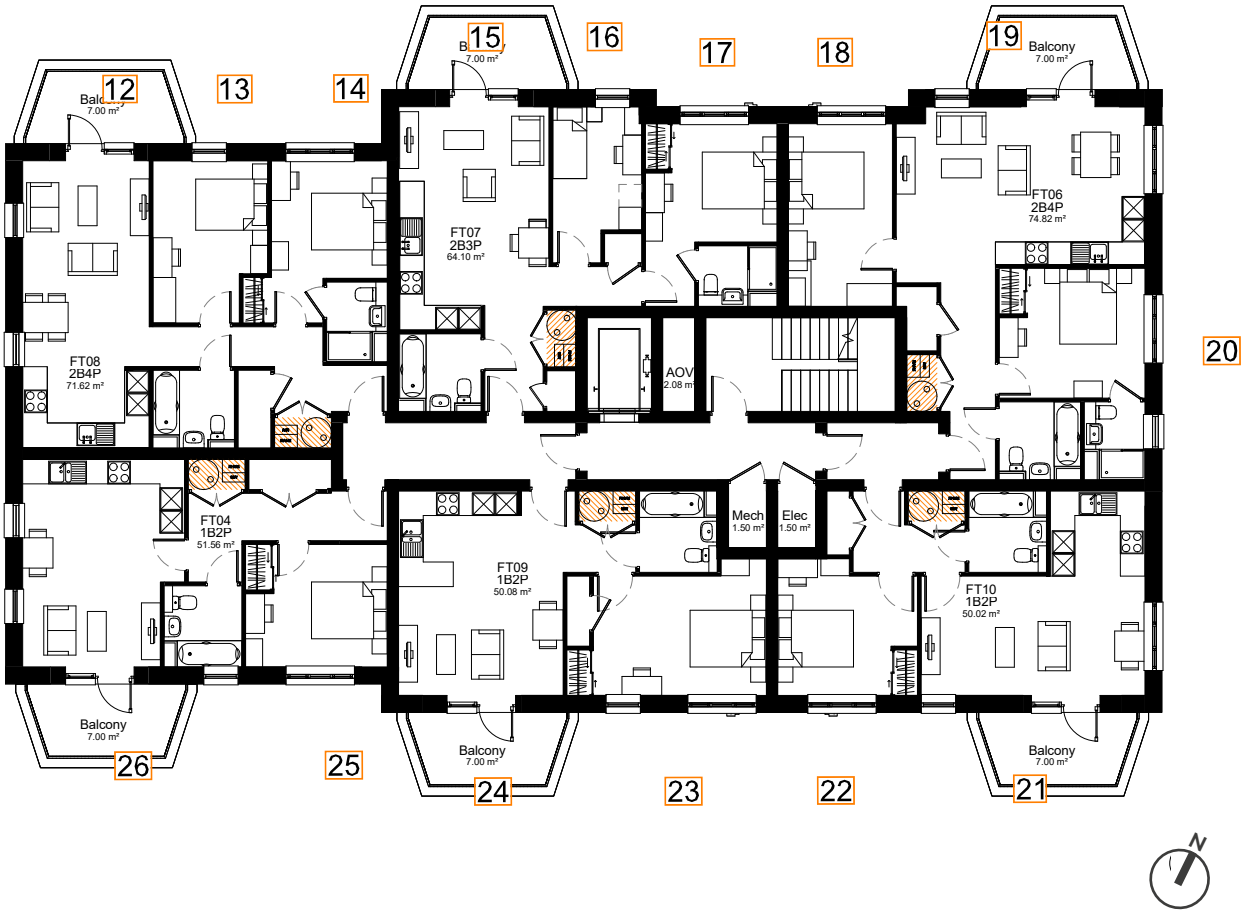


Fig. 42: Floor Plan

Block B1 - Second Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK B1 - SECOND FLOOR						
27	L/K/D	1.8	91	N/A	29	3
28	Bedroom	1.2	94	MET	0	0
29	Bedroom	3.2	99	MET	5	0
30	L/K/D	1	59	MET	7	0
31	Bedroom	1.8	96	MET	2	0
32	Bedroom	3.1	97	MET	5	0
33	Bedroom	2.5	79	MET	8	0
34	L/K/D	2.8	100	N/A	33	2
35	Bedroom	3	99	MET	22	3
36	Living Room	4.1	99	N/A	74	28
37	Bedroom	3.5	98	MET	74	28
38	Bedroom	4.1	99	MET	76	26
39	Living Room	1.8	97	MET	35	25
40	Bedroom	3.6	96	MET	66	26
41	L/K/D	2.4	99	N/A	54	27

Table 43: Assessment Data

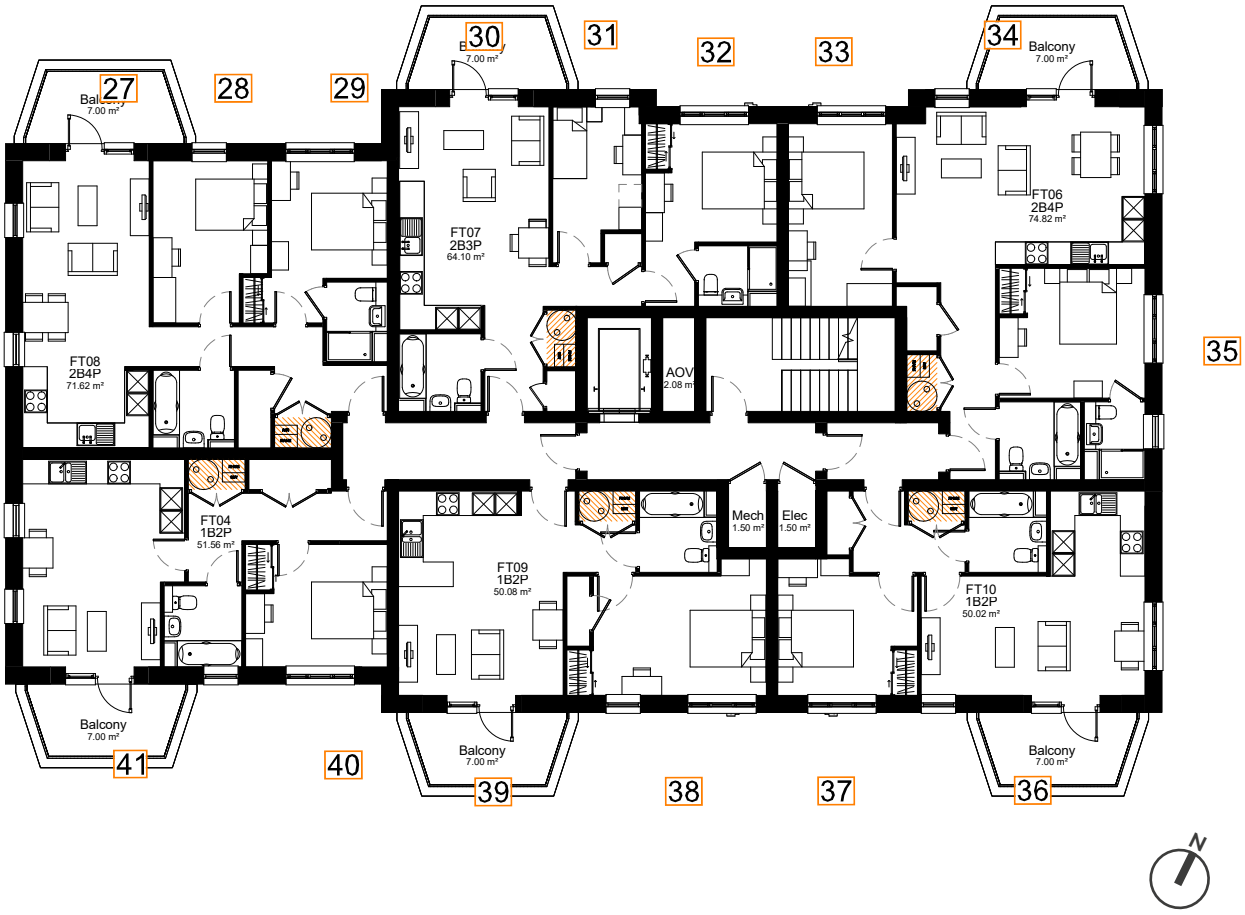


Fig. 43: Floor Plan

Block B1 - Third Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK B1 - THIRD FLOOR						
42	L/K/D	2.9	100	N/A	43	10
43	Bedroom	1.5	95	MET	7	0
44	Bedroom	3.5	99	MET	10	0
45	L/K/D	2	96	MET	10	0
46	Bedroom	2	96	MET	8	0
47	Bedroom	3.4	97	MET	8	0
48	Bedroom	2.8	99	MET	10	0
49	L/K/D	3.9	100	N/A	40	5
50	Bedroom	3.4	99	MET	31	5
51	Living Room	5.5	100	N/A	79	28
52	Bedroom	3.6	98	MET	78	28
53	Bedroom	4.2	99	MET	78	28
54	Living Room	3.3	97	MET	78	28
55	Bedroom	3.7	96	MET	73	28
56	L/K/D	3.7	99	N/A	92	28

Table 44: Assessment Data

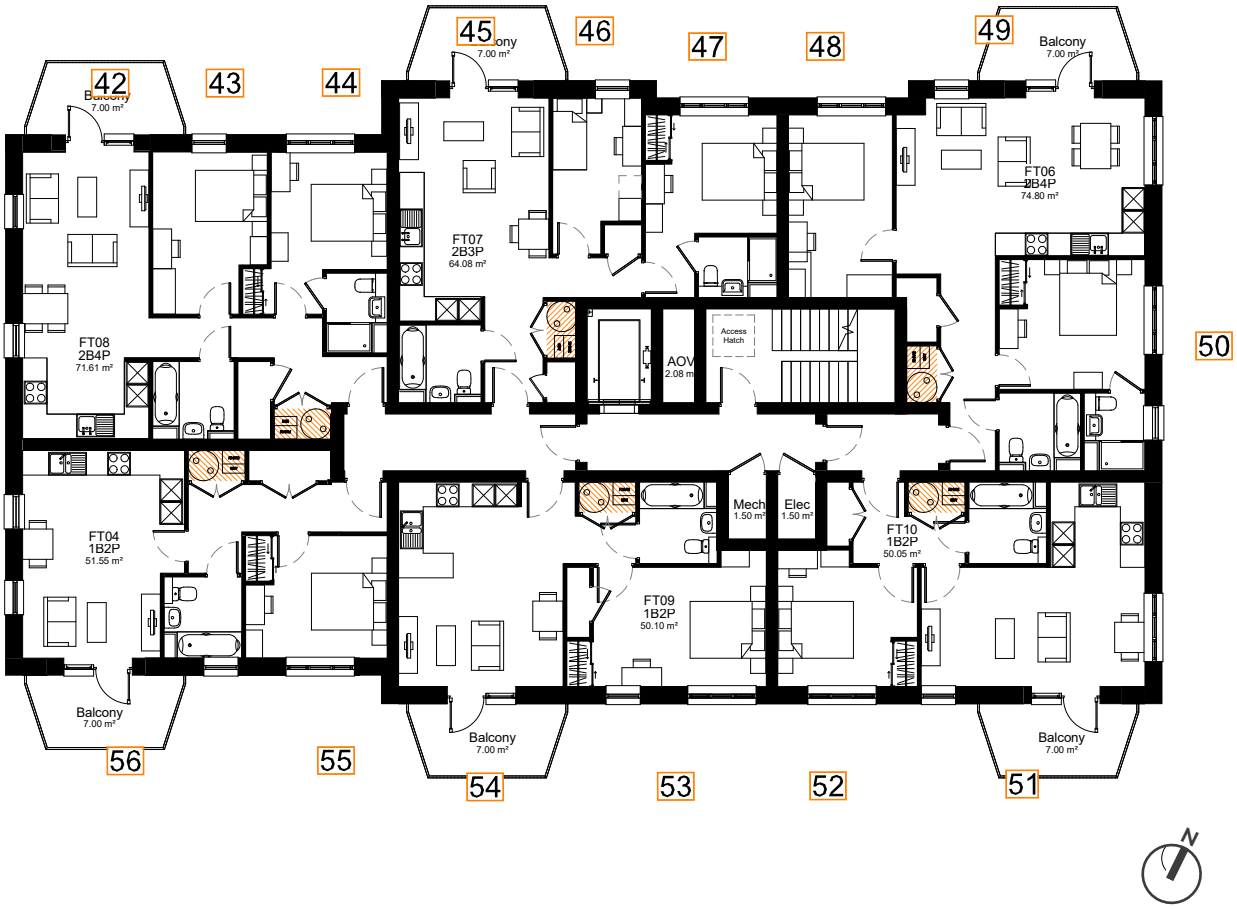


Fig. 44: Floor Plan

Block B2 - Ground Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK B2 - GROUND FLOOR						
57	Bedroom	0.9	88	N/A	11	1
58	L/K/D	1	65	MET	0	0
59	L/K/D	1	34	MET	4	0
60	Bedroom	0.5	31	MET	0	0
61	Bedroom	1.5	66	MET	0	0
62	Bedroom	1	61	MET	1	0
63	L/K/D	1.1	81	N/A	15	4
64	L/K/D	1.7	94	N/A	36	12
65	Bedroom	2.2	97	MET	45	10
66	L/K/D	1.3	91	N/A	71	21
67	Bedroom	1	49	MET	23	12

Table 45: Assessment Data

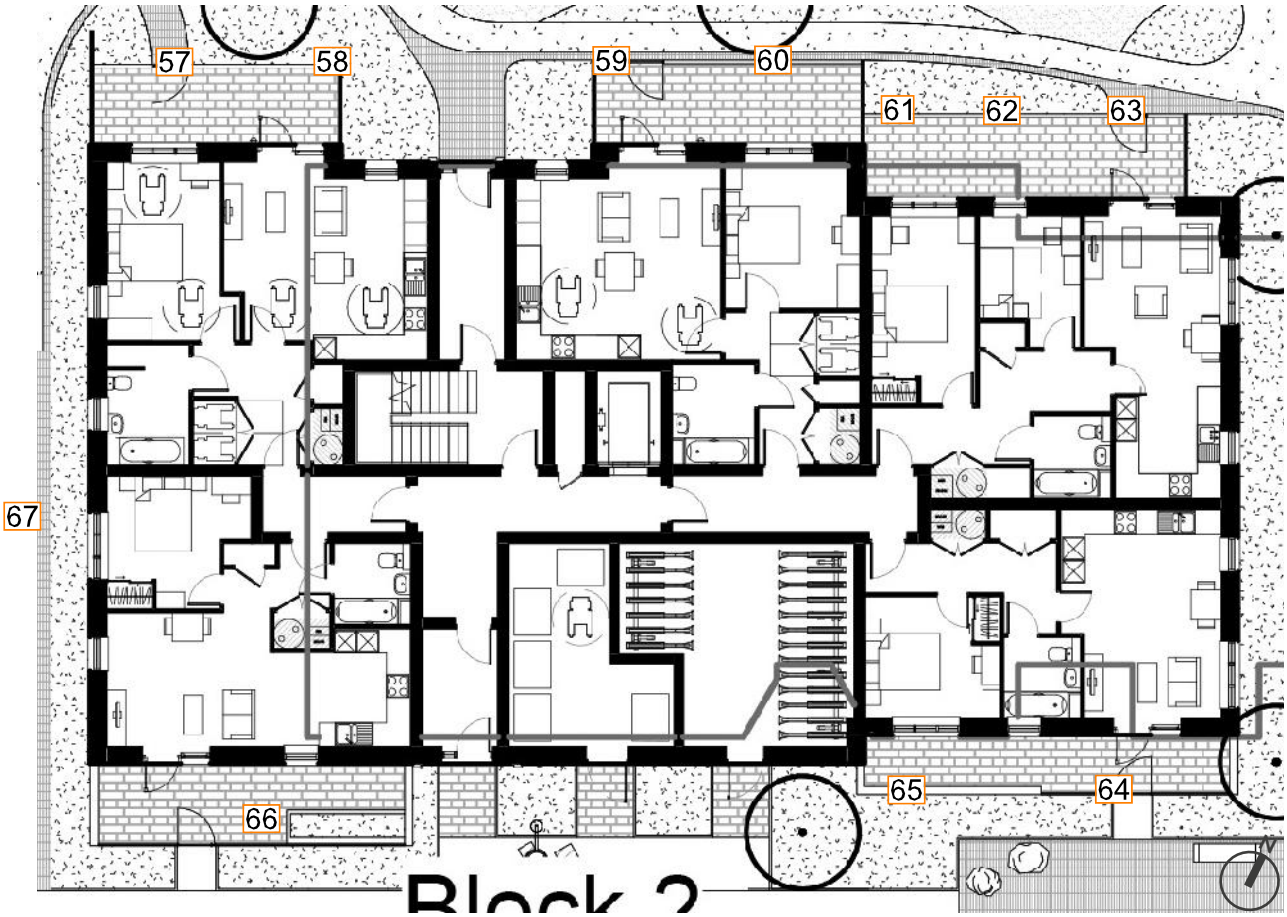


Fig. 45: Floor Plan

Block B2 - First Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK B2 - FIRST FLOOR						
68	Bedroom	1.6	60	MET	19	7
69	L/K/D	2	85	N/A	25	5
70	Bedroom	2.2	70	MET	3	0
71	Bedroom	2.7	86	MET	4	0
72	Bedroom	1.5	69	MET	4	0
73	L/K/D	0.7	38	MET	5	0
74	Bedroom	2.9	98	MET	0	0
75	Bedroom	1.1	81	MET	3	0
76	L/K/D	1.4	83	N/A	9	0
77	L/K/D	1.9	99	N/A	41	22
78	Bedroom	3.3	96	MET	56	19
79	Living Room	1.5	97	MET	33	22
80	Bedroom	3.9	99	MET	72	26
81	Bedroom	3.3	98	MET	70	24
82	Living Room	3.1	97	N/A	76	26

Table 46: Assessment Data

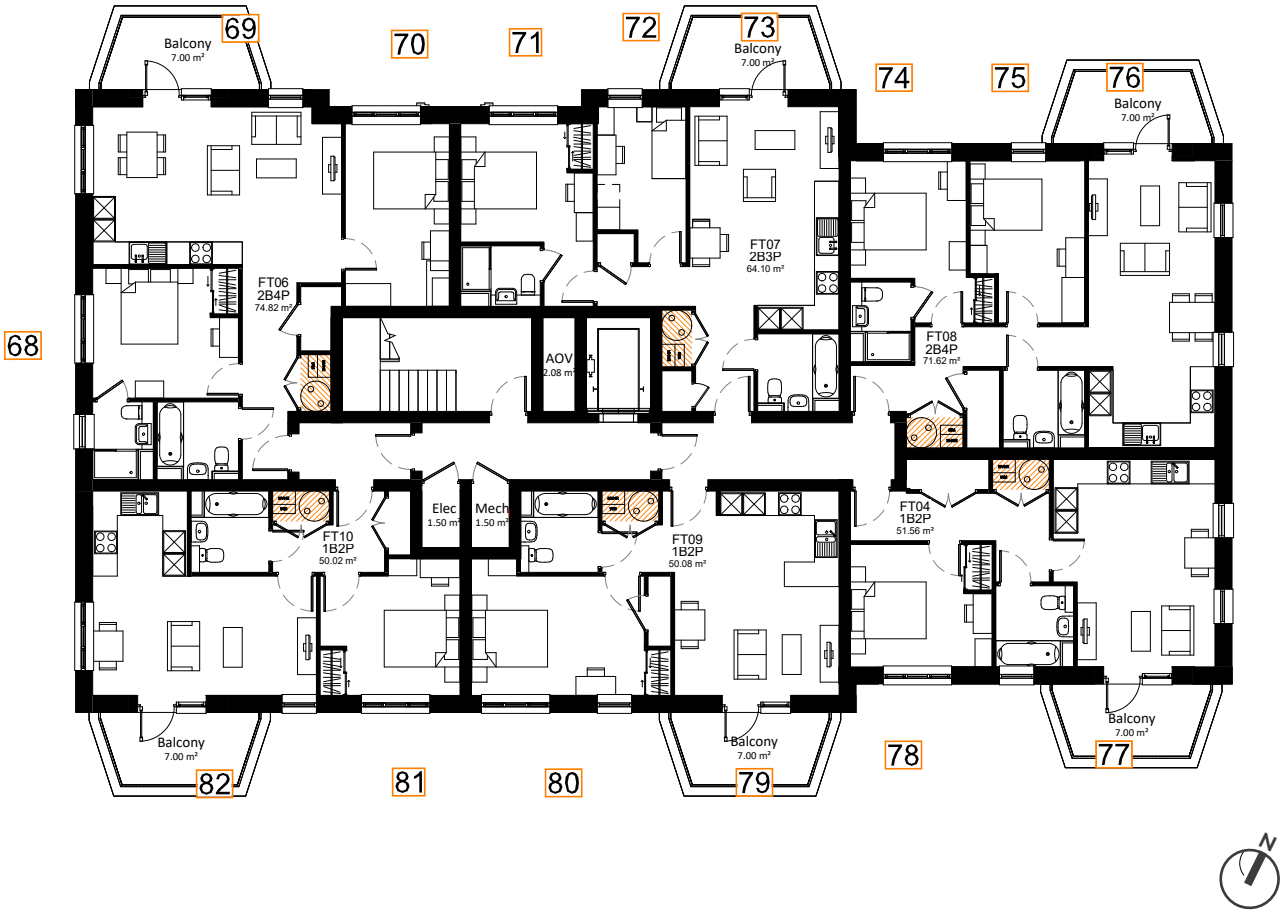


Fig. 46: Floor Plan

Block B2 - Second Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK B2 - SECOND FLOOR						
83	Bedroom	2.1	68	MET	30	8
84	L/K/D	2.4	96	N/A	36	7
85	Bedroom	2.5	81	MET	3	0
86	Bedroom	3	97	MET	7	0
87	Bedroom	1.7	96	MET	5	0
88	L/K/D	1	58	MET	6	0
89	Bedroom	3.3	99	MET	0	0
90	Bedroom	1.3	93	MET	5	0
91	L/K/D	1.8	90	N/A	16	1
92	L/K/D	2.4	99	N/A	43	24
93	Bedroom	3.6	96	MET	61	21
94	Living Room	1.8	97	MET	35	24
95	Bedroom	4.1	99	MET	75	28
96	Bedroom	3.5	98	MET	76	26
97	Living Room	3.7	97	N/A	82	28

Table 47: Assessment Data

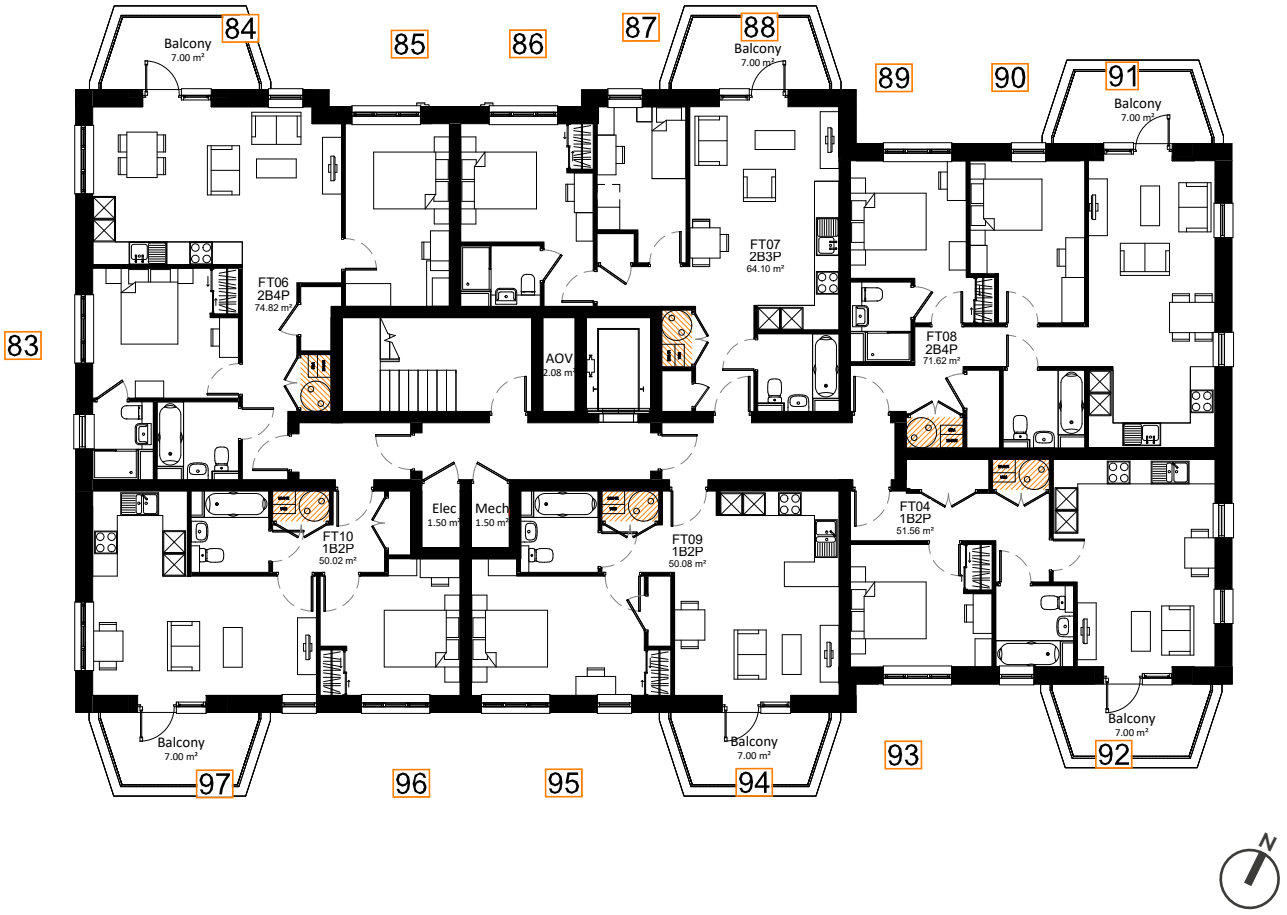


Fig. 47: Floor Plan

Block B2 - Third Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK B2 - THIRD FLOOR						
98	Bedroom	2.8	99	MET	46	13
99	L/K/D	3.6	100	N/A	49	14
100	Bedroom	2.8	99	MET	7	0
101	Bedroom	3.4	97	MET	9	0
102	Bedroom	2	96	MET	7	0
103	L/K/D	2	95	MET	9	0
104	Bedroom	3.6	99	MET	0	0
105	Bedroom	1.5	95	MET	7	0
106	L/K/D	2.9	100	N/A	26	2
107	L/K/D	3.7	100	N/A	78	28
108	Bedroom	3.8	96	MET	67	23
109	Living Room	3.3	97	MET	78	28
110	Bedroom	4.2	99	MET	78	28
111	Bedroom	3.6	98	MET	78	28
112	Living Room	5.1	99	N/A	91	28

Table 48: Assessment Data

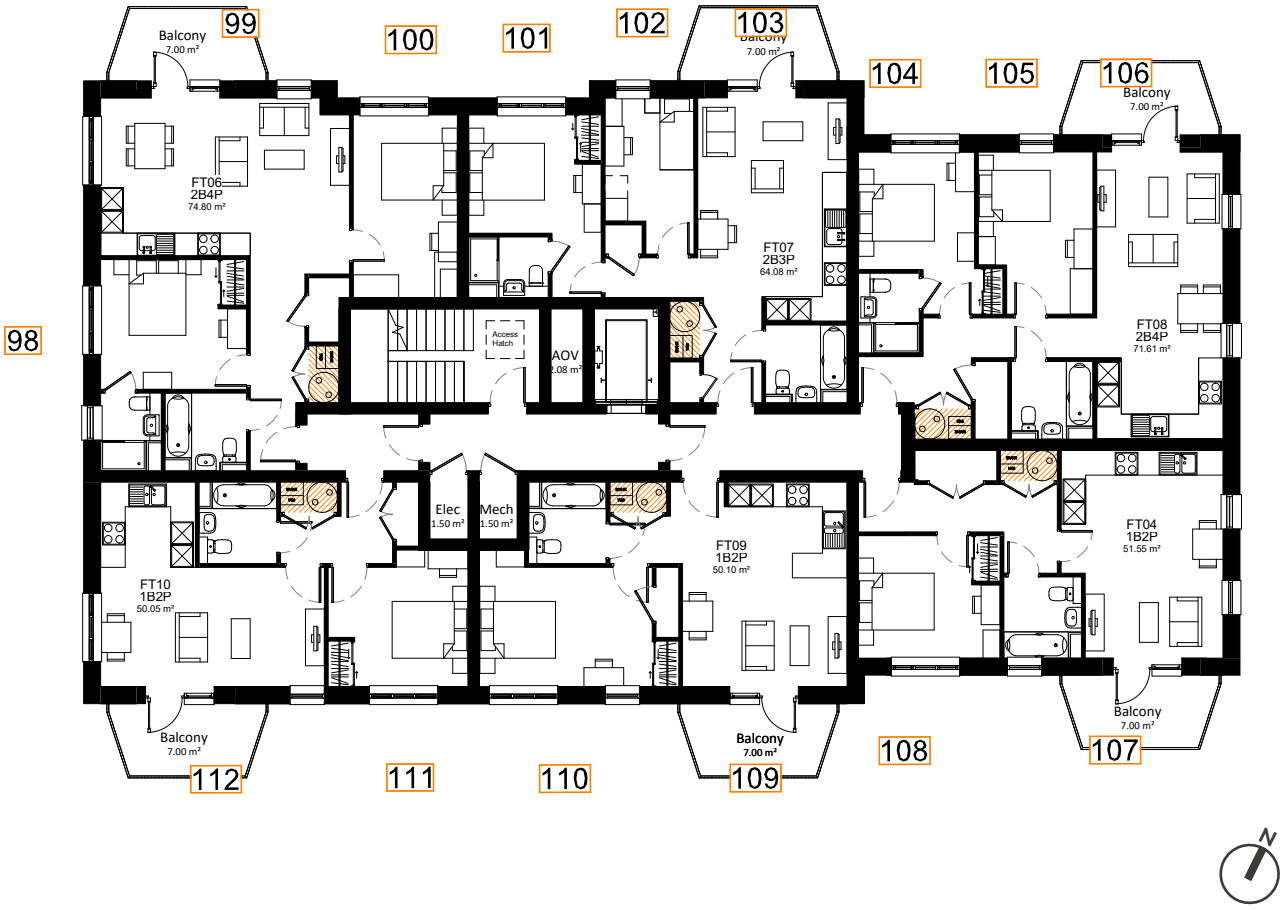


Fig. 48: Floor Plan

Block B3 - Ground Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK B3 - GROUND FLOOR						
113	Bedroom	2.5	98	MET	2	0
114	L/K/D	2	99	N/A	17	2
115	L/K/D	1.2	84	N/A	24	5
116	Bedroom	1.1	68	MET	39	11
117	Bedroom	1.5	65	MET	41	7
118	Bedroom	0.5	37	MET	6	0
119	L/K/D	1	42	MET	51	10
120	L/K/D	1.1	69	MET	46	7
121	Bedroom	1.8	97	N/A	34	9

Table 49: Assessment Data

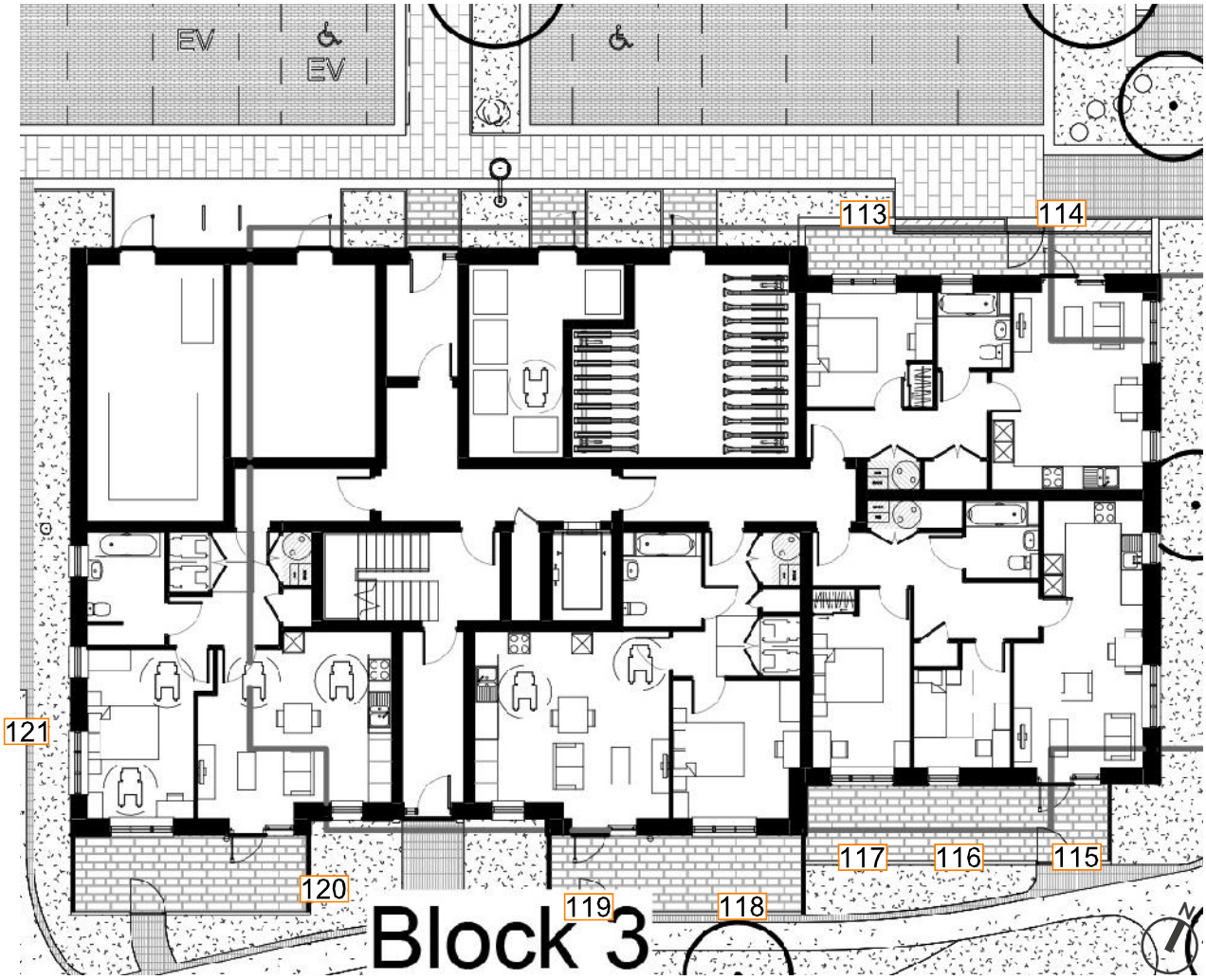


Fig. 49: Floor Plan

Block B3 - First Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK B3 - FIRST FLOOR						
122	Living Room	3.1	99	N/A	22	5
123	Bedroom	3.5	98	MET	8	0
124	Bedroom	4.1	99	MET	8	0
125	Living Room	1.6	97	MET	9	0
126	Bedroom	3.6	98	MET	1	0
127	L/K/D	2.1	99	N/A	12	0
128	L/K/D	1.4	83	N/A	32	13
129	Bedroom	1.1	89	MET	39	13
130	Bedroom	3	99	MET	45	10
131	L/K/D	0.8	43	MET	22	11
132	Bedroom	1.6	95	MET	46	14
133	Bedroom	3	98	MET	60	15
134	Bedroom	2.3	81	MET	54	13
135	L/K/D	2	92	N/A	71	16
136	Bedroom	1.5	62	MET	23	12

Table 50: Assessment Data

Fig. 50: Floor Plan

Block B3 - Second Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK B3 - SECOND FLOOR						
137	Living Room	3.5	99	N/A	26	5
138	Bedroom	3.5	98	MET	9	0
139	Bedroom	4.1	99	MET	10	0
140	Living Room	1.8	97	MET	9	0
141	Bedroom	3.7	98	MET	1	0
142	L/K/D	2.5	99	N/A	18	0
143	L/K/D	1.8	94	N/A	38	19
144	Bedroom	1.3	96	MET	47	20
145	Bedroom	3.3	99	MET	49	14
146	L/K/D	1	75	MET	28	17
147	Bedroom	1.8	95	MET	52	20
148	Bedroom	3.4	98	MET	67	21
149	Bedroom	2.6	100	MET	60	19
150	L/K/D	2.4	99	N/A	78	23
151	Bedroom	1.8	64	MET	26	13

Table 51: Assessment Data

Fig. 51: Floor Plan

Block B3 - Third Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK B3 - THIRD FLOOR						
152	Living Room	4.8	99	N/A	36	7
153	Bedroom	3.5	98	MET	10	0
154	Bedroom	4.2	99	MET	10	0
155	Living Room	3.2	97	MET	10	0
156	Bedroom	3.8	98	MET	5	0
157	L/K/D	3.6	100	N/A	26	2
158	L/K/D	2.9	100	N/A	77	27
159	Bedroom	1.5	96	MET	64	22
160	Bedroom	3.6	99	MET	58	19
161	L/K/D	1.2	99	MET	33	22
162	Bedroom	2	95	MET	57	24
163	Bedroom	3.7	98	MET	72	26
164	Bedroom	2.8	100	MET	67	23
165	L/K/D	2.7	99	N/A	82	26
166	Bedroom	2.2	73	MET	33	14

Table 52: Assessment Data

Fig. 52: Floor Plan

Block B3 - Fourth Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK B3 - FOURTH FLOOR						
167	Bedroom	2.6	99	MET	48	15
168	Bedroom	3.3	96	MET	9	0
169	L/K/D	3.4	100	N/A	78	28
170	Bedroom	2.2	96	MET	67	25
171	Bedroom	3.5	99	MET	74	28
172	Bedroom	4.1	98	MET	71	25
173	L/K/D	4	100	N/A	92	28
174	Bedroom	3	98	MET	46	16

Table 53: Assessment Data

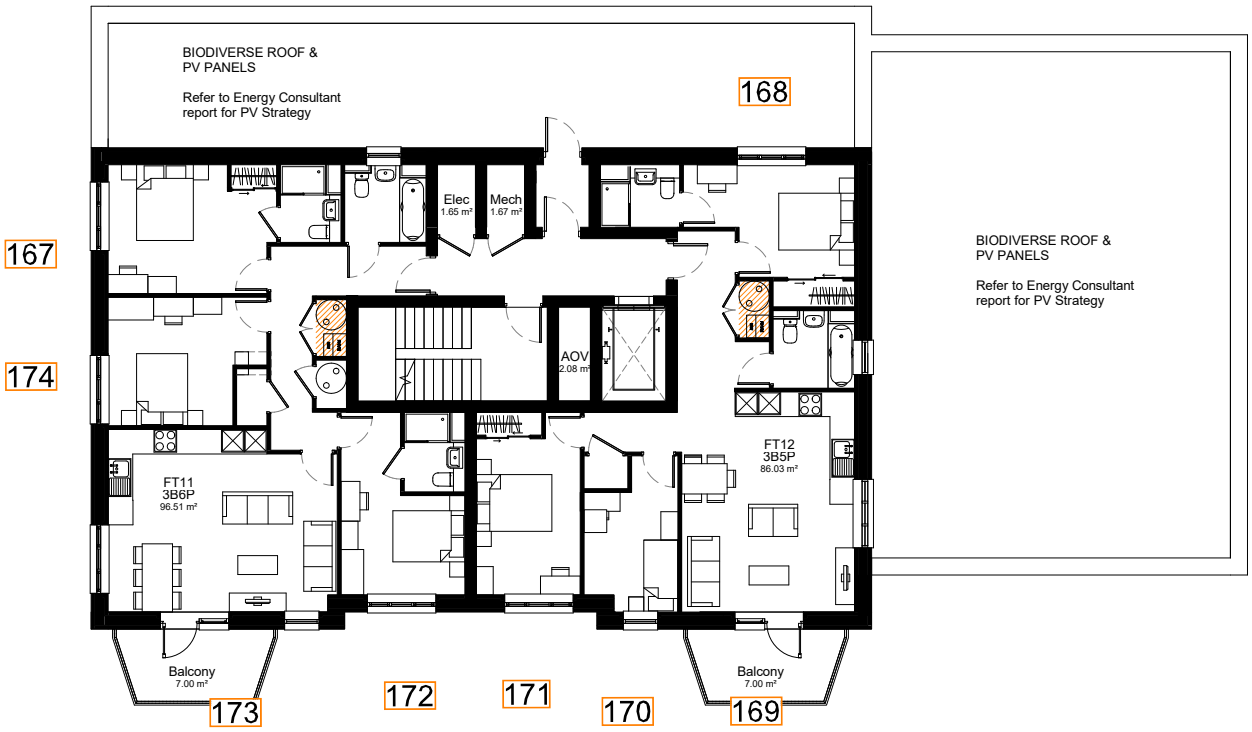


Fig. 53: Floor Plan

Block B4 - Ground Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK B4 - GROUND FLOOR						
175	L/K/D	2	99	N/A	21	4
176	Bedroom	2.5	97	MET	6	0
177	L/K/D	1.7	93	N/A	16	1
178	Bedroom	1.4	65	MET	16	3
179	L/K/D	1.1	90	N/A	19	4
180	L/K/D	1.1	71	MET	52	12
181	L/K/D	1	54	MET	49	8
182	Bedroom	0.5	45	MET	9	4
183	Bedroom	1.5	66	MET	40	10
184	Bedroom	1.1	67	MET	39	7
185	L/K/D	1.2	84	N/A	27	10

Table 54: Assessment Data

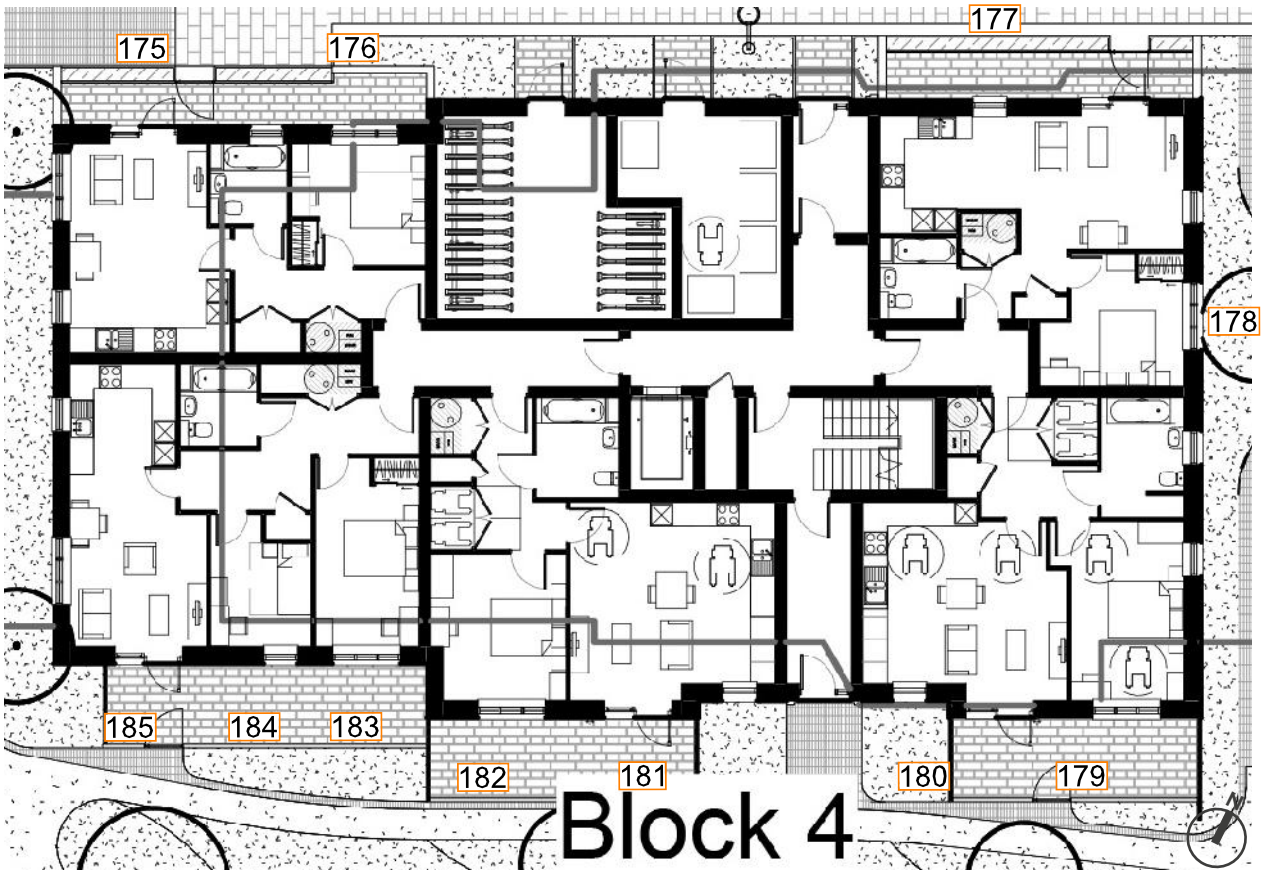


Fig. 54: Floor Plan

Block B4 - First Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK B4 - FIRST FLOOR						
186	L/K/D	2.1	99	N/A	20	1
187	Bedroom	3.5	96	MET	8	0
188	Living Room	1.6	97	MET	10	0
189	Bedroom	4.1	98	MET	8	0
190	Bedroom	3.5	98	MET	9	0
191	Living Room	3.6	98	N/A	25	2
192	Bedroom	2.2	86	MET	24	2
193	L/K/D	2.4	99	N/A	62	18
194	Bedroom	2.4	80	MET	59	15
195	Bedroom	3	96	MET	54	13
196	Bedroom	1.6	95	MET	46	10
197	L/K/D	0.8	43	MET	22	12
198	Bedroom	2.9	99	MET	46	14
199	Bedroom	1.1	88	MET	38	8
200	L/K/D	1.4	83	N/A	39	18

Table 55: Assessment Data

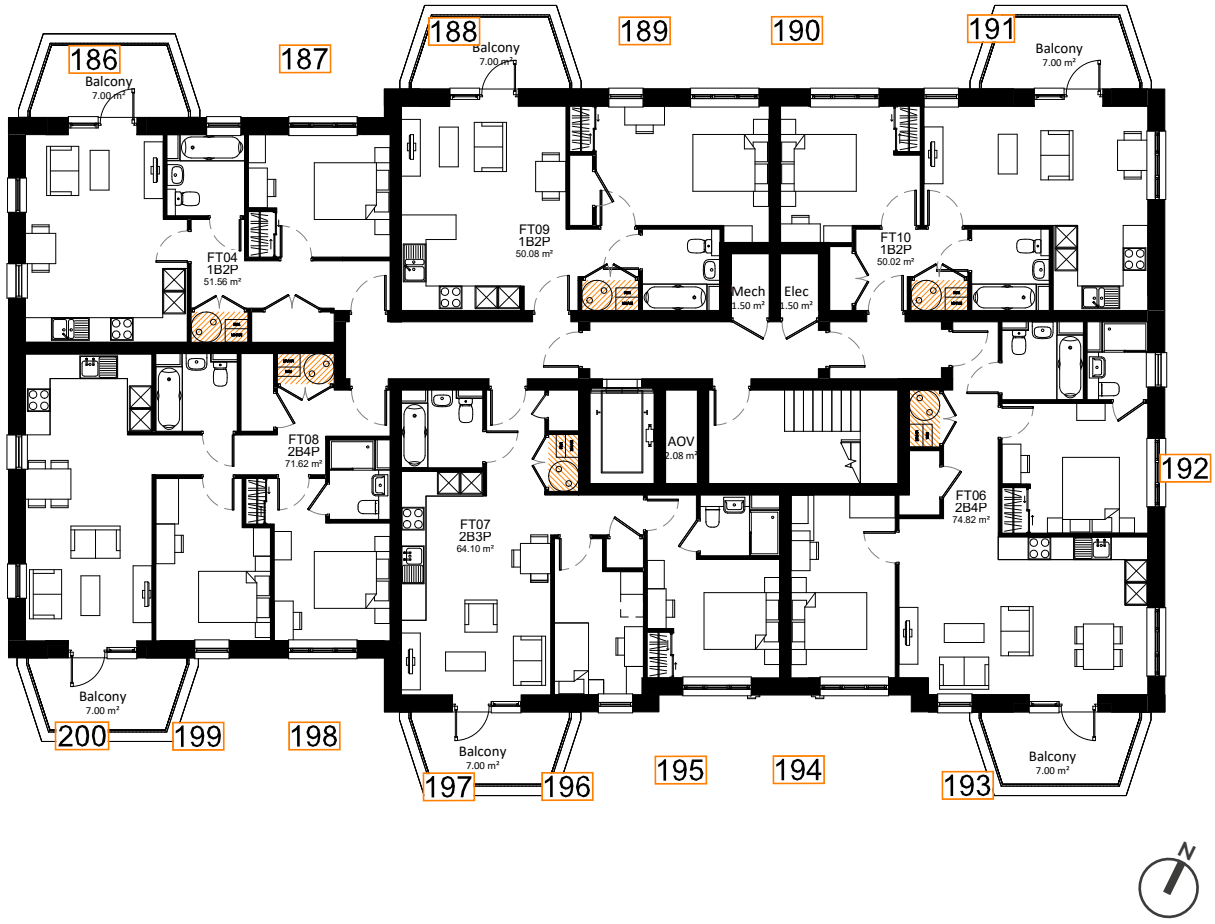


Fig. 55: Floor Plan

Block B4 - Second Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK B4 - SECOND FLOOR						
201	L/K/D	2.4	99	N/A	31	3
202	Bedroom	3.6	96	MET	8	0
203	Living Room	1.8	97	MET	10	0
204	Bedroom	4.1	98	MET	10	0
205	Bedroom	3.6	98	MET	10	0
206	Living Room	4.1	100	N/A	31	2
207	Bedroom	2.9	99	MET	29	5
208	L/K/D	2.8	100	N/A	72	26
209	Bedroom	2.6	99	MET	69	24
210	Bedroom	3.4	96	MET	62	21
211	Bedroom	1.8	95	MET	53	17
212	L/K/D	1.1	76	MET	28	18
213	Bedroom	3.3	99	MET	57	22
214	Bedroom	1.3	95	MET	47	16
215	L/K/D	1.8	93	N/A	50	24

Table 56: Assessment Data

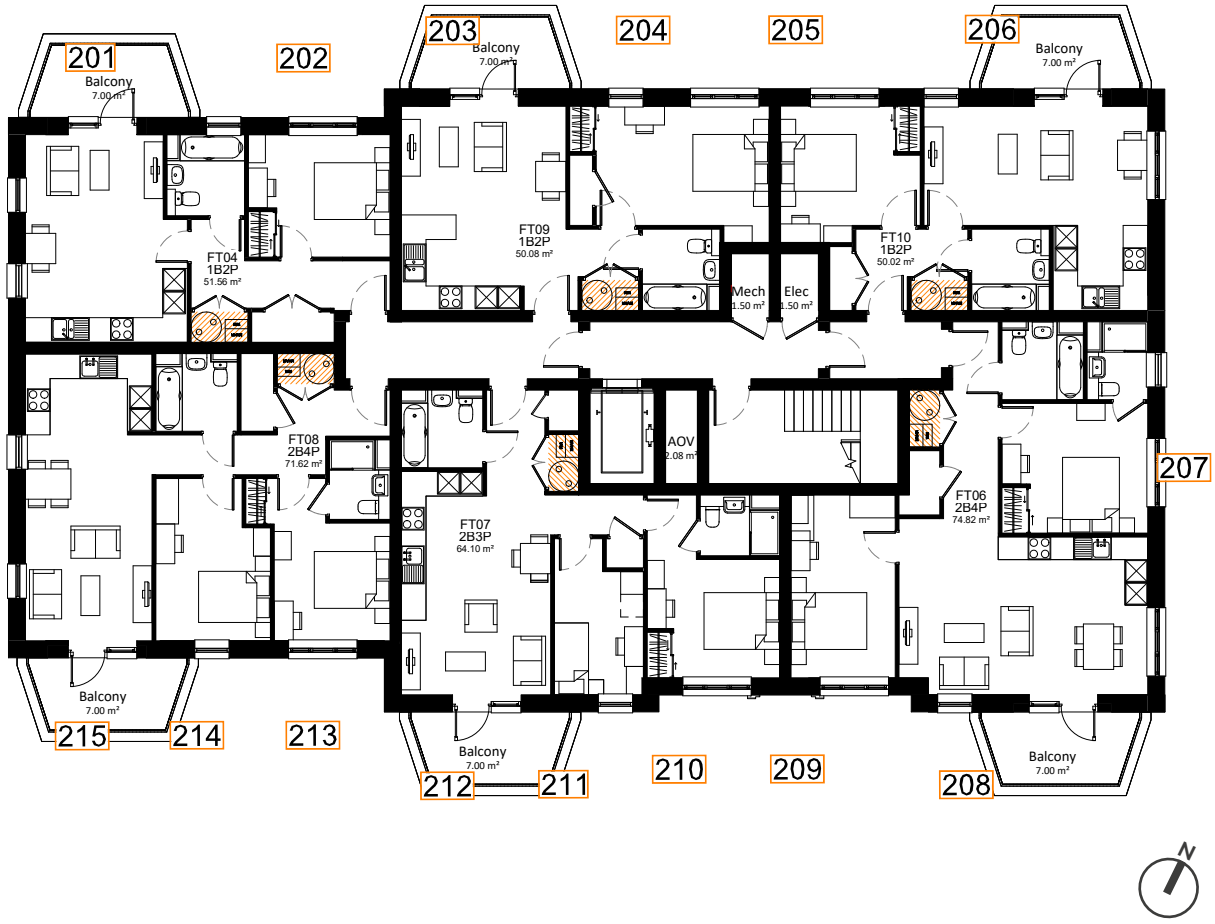


Fig. 56: Floor Plan

Block B4 - Third Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK B4 - THIRD FLOOR						
216	L/K/D	3.6	99	N/A	42	8
217	Bedroom	3.7	96	MET	10	0
218	Living Room	3.2	97	MET	10	0
219	Bedroom	4.2	98	MET	10	0
220	Bedroom	3.6	98	MET	10	0
221	Living Room	5.4	100	N/A	41	5
222	Bedroom	3.4	99	MET	31	5
223	L/K/D	3.2	100	N/A	75	28
224	Bedroom	2.8	99	MET	72	27
225	Bedroom	3.6	96	MET	66	23
226	Bedroom	2	95	MET	58	19
227	L/K/D	1.2	99	MET	33	23
228	Bedroom	3.6	99	MET	62	26
229	Bedroom	1.5	95	MET	66	24
230	L/K/D	2.9	100	N/A	88	27

Table 57: Assessment Data

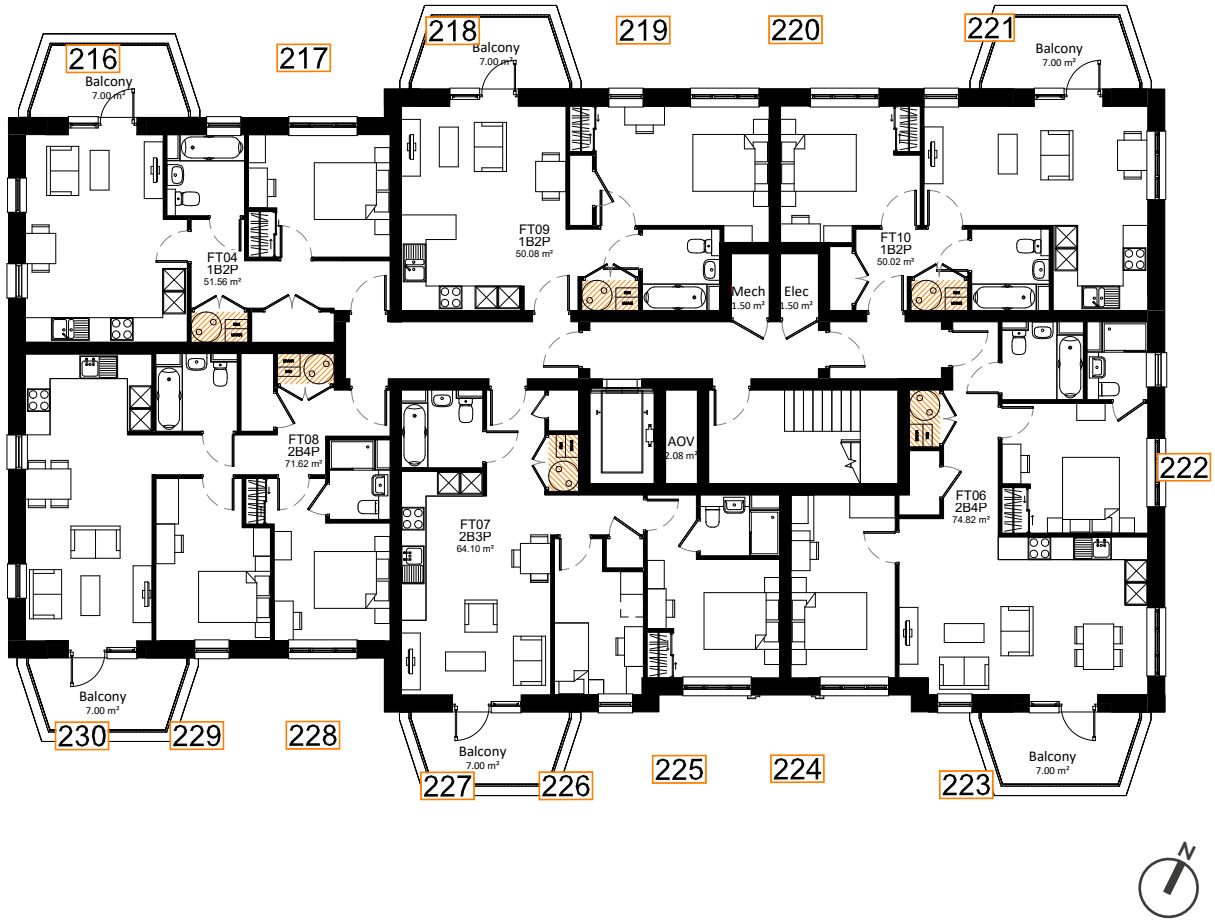


Fig. 57: Floor Plan

Block B4 - Fourth Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK B4 - FOURTH FLOOR						
231	Bedroom	3.3	96	MET	9	0
232	Bedroom	3.1	99	MET	31	5
233	Bedroom	3.4	97	MET	31	5
234	L/K/D	4.2	100	N/A	79	28
235	Bedroom	4.1	98	MET	74	28
236	Bedroom	3.5	99	MET	71	25
237	Bedroom	2.3	95	MET	67	25
238	L/K/D	3.5	100	N/A	98	29

Table 58: Assessment Data

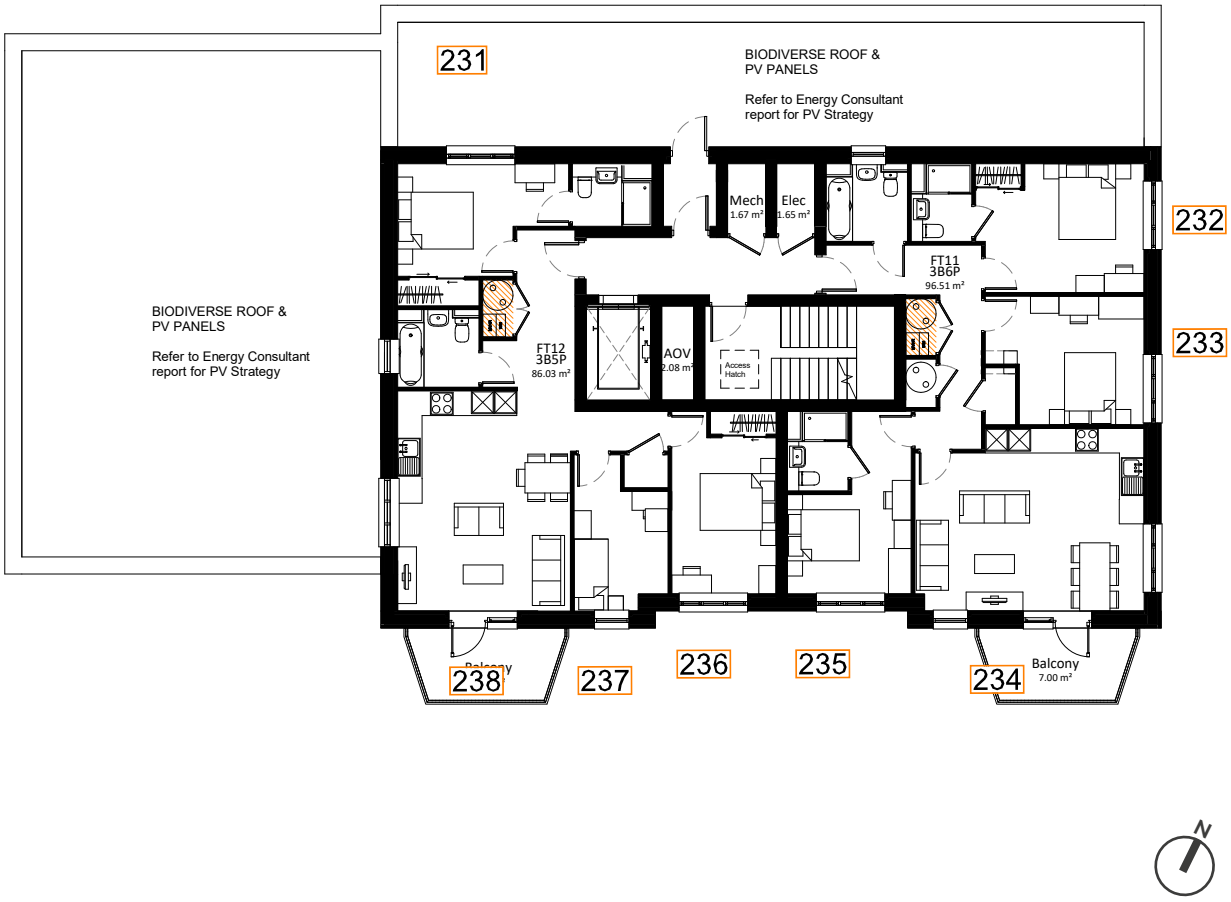


Fig. 58: Floor Plan

Block B5 - Ground Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK B5 - GROUND FLOOR						
239	Bedroom	2.8	99	N/A	21	10
240	Bedroom	1.2	97	MET	8	0
241	Bedroom	1.2	100	MET	5	0
242	Bedroom	2.7	99	MET	3	0
243	L/K/D	2.1	99	N/A	16	1
244	Bedroom	0.8	31	N/A	12	1
245	Bedroom	1.7	89	N/A	49	9
246	L/K/D	1	58	MET	47	5
247	Bedroom	1	37	MET	44	4
248	Living Room	0.8	100	MET	36	2
249	L/K/D	0.9	68	MET	18	0
250	Bedroom	0.5	94	MET	3	0
251	Living Room	1	44	MET	0	0
252	Bedroom	1.2	64	MET	0	0
253	L/K/D	1.6	78	N/A	10	2
254	Bedroom	0.6	27	MET	1	1
255	Bedroom	1.7	92	N/A	58	16
256	Bedroom	0.7	71	MET	19	3
257	Bedroom	1.1	88	MET	13	7
258	Bedroom	2.5	98	MET	43	9
259	Bedroom	2.7	98	N/A	72	22
260	Bedroom	2.9	99	MET	39	9
261	L/K/D	1.4	96	MET	47	13
262	L/K/D	1.4	99	MET	55	18
263	Bedroom	1.3	98	MET	23	15
264	Bedroom	1.3	99	MET	25	17
265	L/K/D	1.4	99	MET	45	11
266	L/K/D	1.3	99	MET	54	17
267	Bedroom	2.8	99	N/A	54	18

Table 59: Assessment Data

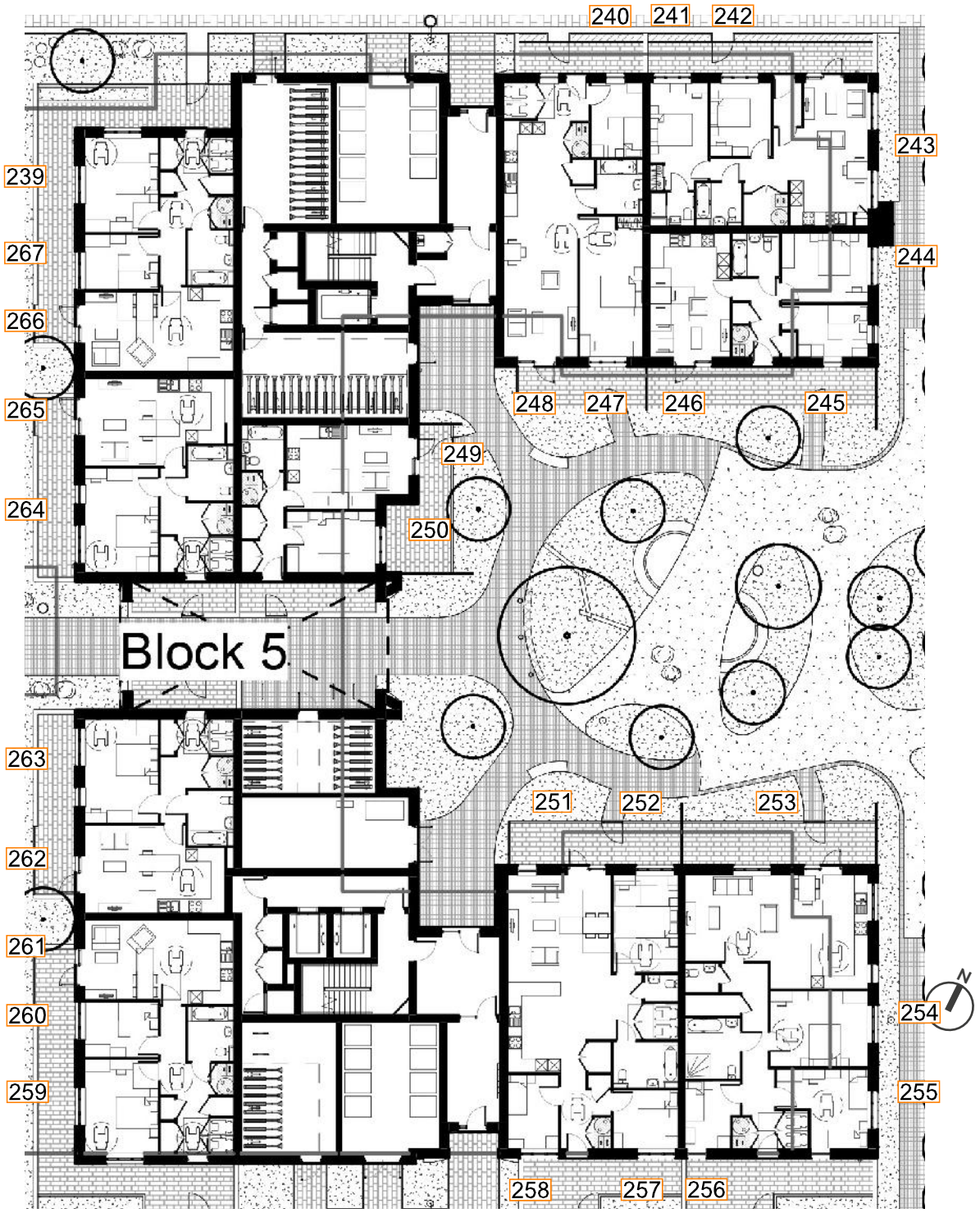


Fig. 59: Floor Plan

Block B5 - First Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK B5 - FIRST FLOOR						
268	L/K/D	3.1	100	N/A	30	17
269	L/K/D	2.2	100	N/A	21	2
270	Bedroom	2.8	98	MET	3	0
271	L/K/D	1.4	99	MET	8	0
272	Bedroom	2.6	96	MET	3	0
273	Bedroom	2.6	96	MET	8	0
274	Living Room	1.2	99	MET	8	0
275	L/K/D	2.7	97	N/A	11	2
276	Bedroom	0.6	17	MET	4	0
277	Bedroom	1.1	30	MET	14	3
278	Bedroom	2.3	93	N/A	56	14
279	Kitchen	0.4	91	MET	3	3
280	Bedroom	0.3	44	N/A	1	1
281	Bedroom	0.3	58	N/A	1	1
282	Kitchen	0.2	63	MET	0	0
283	Bedroom	1.7	96	MET	24	1
284	Bedroom	2.5	97	MET	21	1
285	L/K/D	0.9	98	N/A	8	0
286	L/K/D	0.9	93	N/A	3	0
287	Bedroom	1.7	90	MET	1	0
288	Kitchen	0.2	11	MET	0	0
289	Bedroom	0.2	23	N/A	0	0
290	Bedroom	0.3	28	N/A	0	0
291	Bedroom	2.8	93	N/A	11	2
292	Bedroom	1.4	38	MET	8	2
293	Bedroom	1.2	34	MET	4	2
294	L/K/D	2.6	98	N/A	73	25
295	Living Room	1.2	99	MET	36	22
296	Bedroom	1.9	98	MET	57	24
297	Bedroom	2.7	96	MET	57	20
298	L/K/D	1.1	99	MET	31	22
299	Bedroom	2.4	97	MET	58	21
300	L/K/D	1.7	98	MET	48	25
301	L/K/D	3.1	100	N/A	86	27
302	Bedroom	2.5	97	MET	38	10
303	Bedroom	2.9	98	MET	50	15
304	Bedroom	3	98	MET	52	17
305	Bedroom	2.5	96	MET	55	19
306	L/K/D	1.3	99	N/A	29	16
307	L/K/D	1.4	99	N/A	35	18
308	Bedroom	2.5	98	MET	39	9
309	Bedroom	2.8	98	MET	50	15
310	Bedroom	2.8	98	MET	53	17
311	Bedroom	2.6	98	MET	54	18

Table 60: Assessment Data

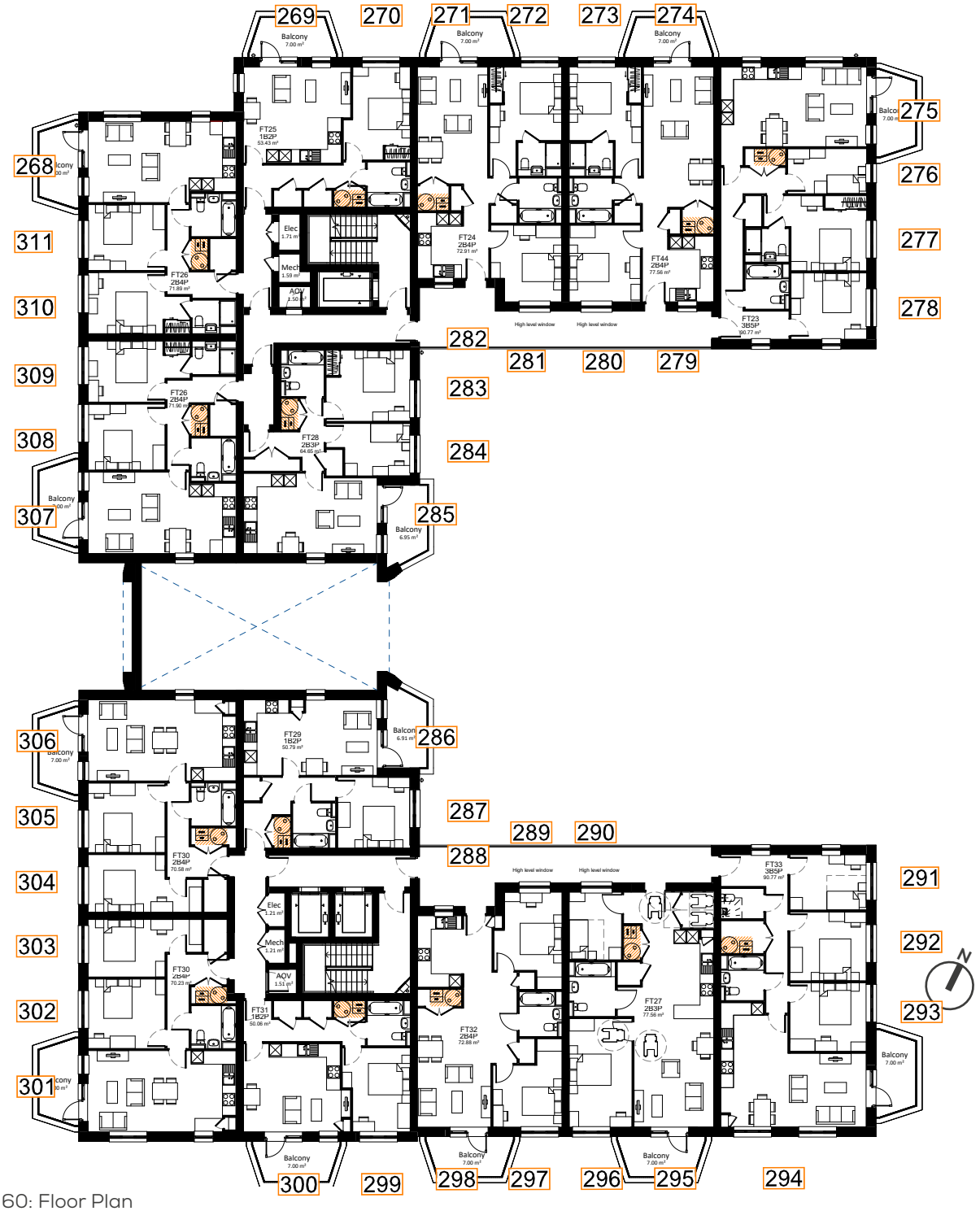


Fig. 60: Floor Plan

Block B5 - Second Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK B5 - SECOND FLOOR						
312	L/K/D	3.3	100	N/A	31	18
313	L/K/D	2.3	100	N/A	21	2
314	Bedroom	2.8	98	MET	3	0
315	Living Room	1.6	99	MET	8	0
316	Bedroom	2.6	96	MET	3	0
317	Bedroom	2.7	96	MET	8	0
318	Living Room	1.3	99	MET	8	0
319	L/K/D	2.9	97	N/A	11	2
320	Bedroom	0.8	31	MET	5	0
321	Bedroom	1.4	37	MET	14	3
322	Bedroom	2.7	94	N/A	61	19
323	Kitchen	0.5	93	MET	7	7
324	Bedroom	0.3	57	N/A	4	4
325	Bedroom	0.3	67	N/A	5	5
326	Kitchen	0.3	82	MET	2	2
327	Bedroom	1.9	96	MET	26	3
328	L/K/D	1.7	98	MET	24	3
329	L/K/D	1.2	89	MET	10	0
330	L/K/D	1	94	MET	4	0
331	Bedroom	1.8	94	MET	1	0
332	Kitchen	0.3	48	MET	0	0
333	Bedroom	0.3	58	N/A	0	0
334	Bedroom	0.4	61	N/A	0	0
335	Bedroom	3.4	93	N/A	19	3
336	Bedroom	1.8	52	MET	16	3
337	Bedroom	1.7	48	MET	8	3
338	L/K/D	2.9	98	N/A	75	26
339	Living Room	1.4	99	MET	38	24
340	Bedroom	2.1	98	MET	63	26
341	Bedroom	2.9	96	MET	62	21
342	Living Room	1.3	99	MET	33	24
343	Bedroom	2.6	97	MET	63	23
344	L/K/D	2	98	MET	50	27
345	L/K/D	3.4	100	N/A	89	30
346	Bedroom	2.6	96	MET	38	10
347	Bedroom	2.9	98	MET	51	16
348	Bedroom	3	98	MET	54	18
349	Bedroom	2.6	96	MET	56	20
350	L/K/D	1.7	99	N/A	30	17
351	Bedroom	2.5	92	MET	31	7
352	Bedroom	2	97	MET	41	13
353	L/K/D	1.7	99	N/A	47	19
354	Bedroom	2.6	98	MET	40	10
355	Bedroom	2.8	98	MET	50	15
356	Bedroom	2.8	98	MET	55	19
357	Bedroom	2.7	98	MET	56	20

Table 61: Assessment Data

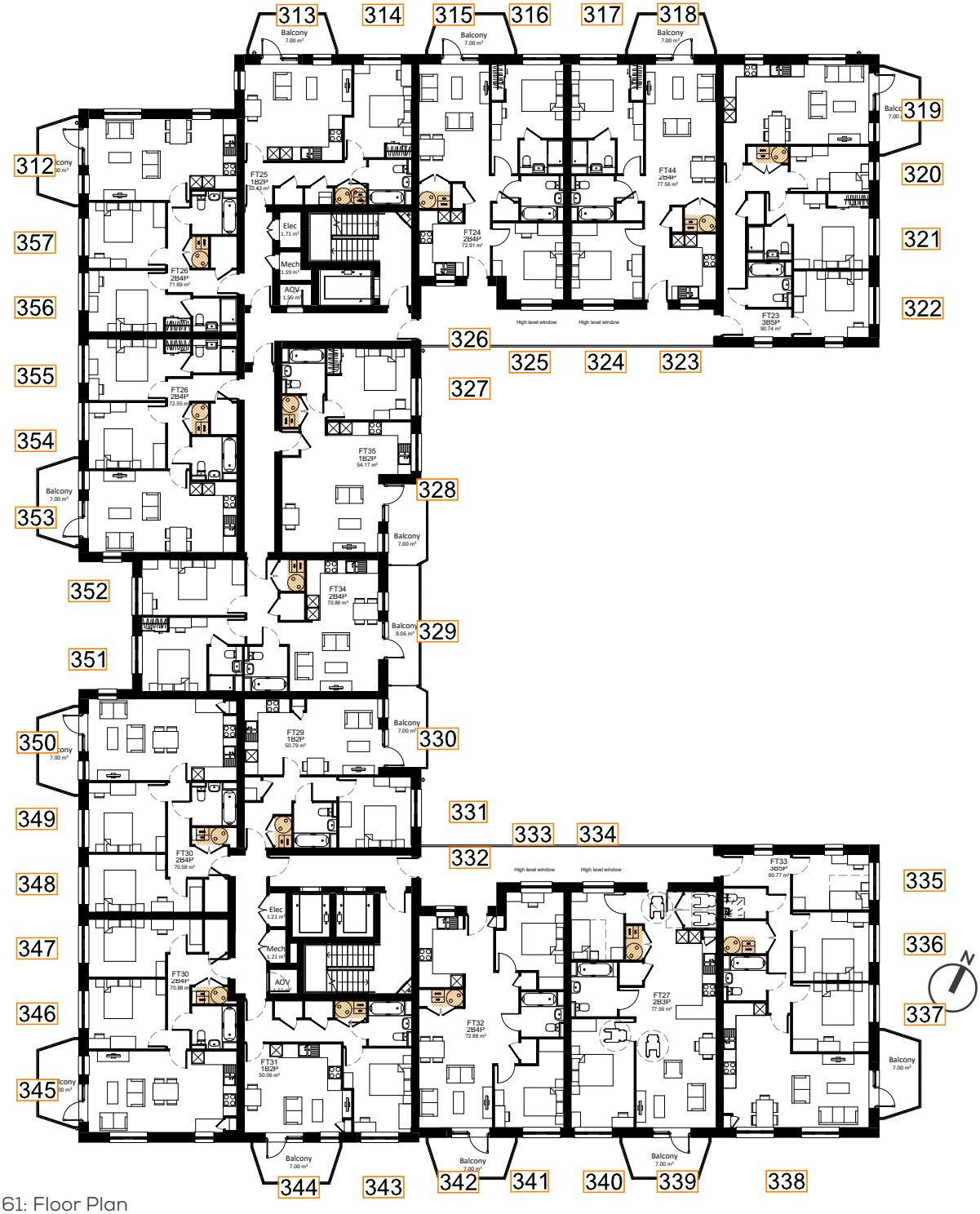


Fig. 61: Floor Plan

Block B5 - Third Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK B5 - THIRD FLOOR						
358	L/K/D	3.3	100	N/A	31	18
359	L/K/D	2.4	100	N/A	21	2
360	Bedroom	2.8	98	MET	3	0
361	Living Room	1.6	99	MET	10	0
362	Bedroom	2.7	96	MET	3	0
363	Bedroom	2.8	96	MET	9	0
364	Living Room	1.3	99	MET	9	0
365	L/K/D	3	97	N/A	16	3
366	Bedroom	1.1	61	MET	11	1
367	Bedroom	1.8	52	MET	18	5
368	Bedroom	3.2	94	N/A	66	24
369	Kitchen	0.5	94	MET	10	10
370	Bedroom	0.4	63	N/A	7	7
371	Bedroom	0.4	68	N/A	7	7
372	Kitchen	0.3	85	MET	3	3
373	Bedroom	2	96	MET	27	4
374	L/K/D	1.8	98	MET	26	4
375	L/K/D	1.4	93	MET	12	1
376	L/K/D	1.1	96	MET	6	0
377	Bedroom	2.1	97	MET	1	0
378	Kitchen	0.3	82	MET	0	0
379	Bedroom	0.4	69	N/A	0	0
380	Bedroom	0.5	61	N/A	0	0
381	Bedroom	4.1	100	N/A	30	4
382	Bedroom	2.4	97	MET	24	4
383	Bedroom	2.4	96	MET	25	5
384	L/K/D	3.7	100	N/A	77	28
385	Living Room	2.3	99	MET	78	28
386	Bedroom	2.2	98	MET	77	28
387	Bedroom	3.1	96	MET	77	28
388	Living Room	2.3	99	MET	78	28
389	Bedroom	2.7	97	MET	77	28
390	L/K/D	3.2	98	MET	78	28
391	L/K/D	3.4	100	N/A	91	30
392	Bedroom	2.6	97	MET	44	10
393	Bedroom	3	98	MET	53	17
394	Bedroom	3	98	MET	55	19
395	Bedroom	2.6	96	MET	56	20
396	L/K/D	1.8	99	N/A	30	17
397	Bedroom	2.6	92	MET	31	7
398	Bedroom	2.1	98	MET	44	15
399	L/K/D	1.8	99	N/A	52	20
400	Bedroom	2.6	98	MET	45	11
401	Bedroom	2.9	98	MET	54	18
402	Bedroom	2.8	98	MET	56	20
403	Bedroom	2.7	98	MET	56	20

Table 62: Assessment Data

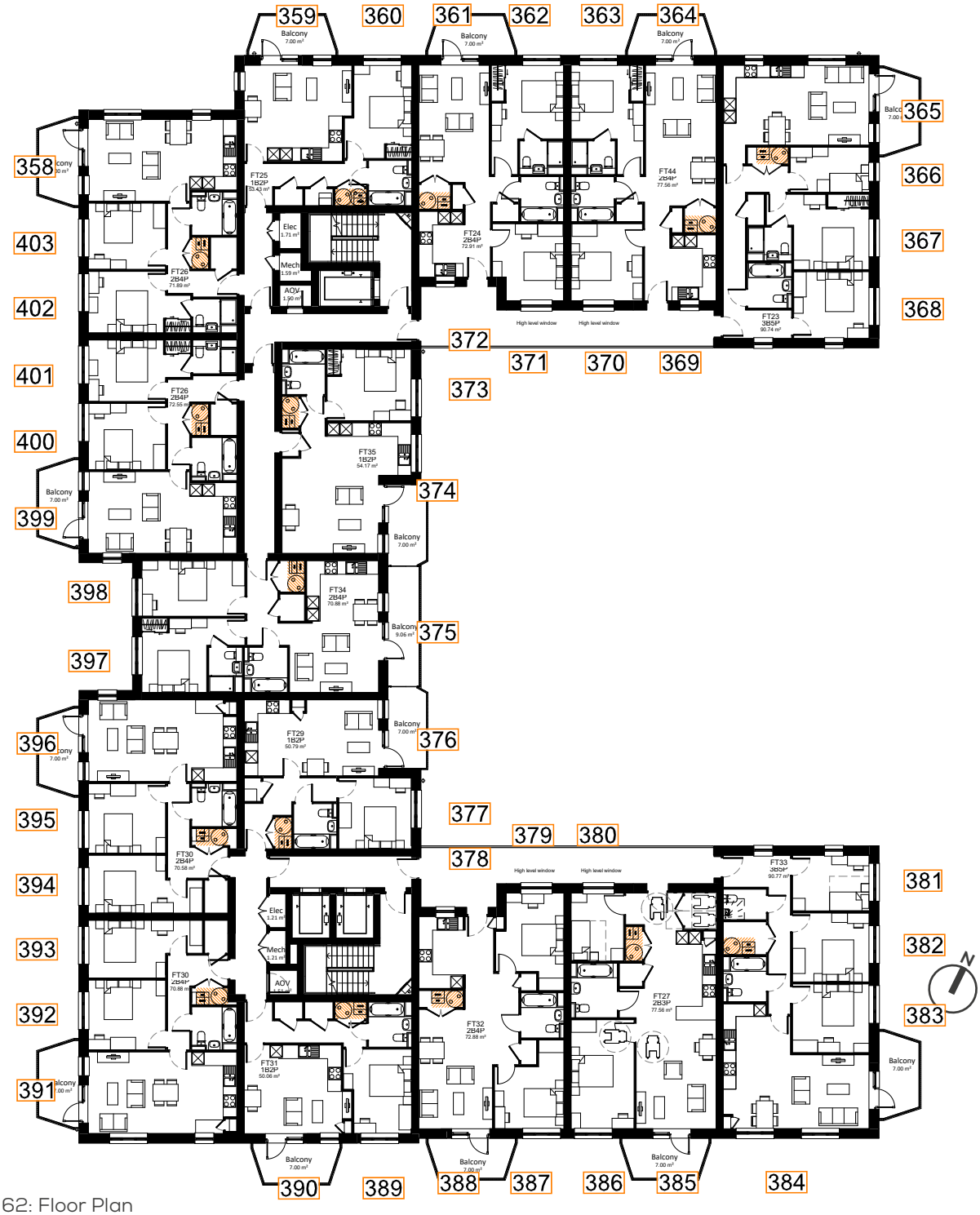


Fig. 62: Floor Plan

Block B5 - Fourth Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK B5 - FOURTH FLOOR						
404	L/K/D	4.3	100	N/A	57	20
405	L/K/D	3.6	100	N/A	27	2
406	Bedroom	3	98	MET	10	0
407	Living Room	2.6	99	MET	10	0
408	Bedroom	2.9	96	MET	10	0
409	Bedroom	2.9	96	MET	10	0
410	Living Room	2.2	99	MET	10	0
411	L/K/D	4.1	100	N/A	36	4
412	Bedroom	1.5	97	MET	18	2
413	Bedroom	2.4	95	MET	24	5
414	Bedroom	3.8	100	N/A	67	25
415	Kitchen	0.6	94	MET	11	11
416	Bedroom	0.5	64	N/A	9	9
417	Bedroom	0.5	68	N/A	8	8
418	Kitchen	0.4	87	MET	3	3
419	Bedroom	2.3	96	MET	29	5
420	L/K/D	2.1	98	MET	29	5
421	L/K/D	2.5	96	MET	24	3
422	L/K/D	1.4	96	MET	9	2
423	Bedroom	2.7	98	MET	28	5
424	Bedroom	1.7	79	MET	24	3
425	Bedroom	3.7	98	N/A	78	28
426	Bedroom	3.3	98	MET	77	28
427	L/K/D	4.7	100	N/A	99	30
428	Bedroom	2.5	98	MET	56	20
429	Bedroom	3.5	98	MET	56	20
430	Bedroom	2.7	97	MET	56	20
431	L/K/D	2.6	100	N/A	57	20
432	Bedroom	2.6	93	MET	35	7
433	Bedroom	2.2	98	MET	47	16
434	L/K/D	2.9	100	N/A	69	22
435	Bedroom	2.7	98	MET	56	20
436	Bedroom	2.9	99	MET	56	20
437	Bedroom	2.8	98	MET	56	20
438	Bedroom	2.8	98	MET	56	20

Table 63: Assessment Data

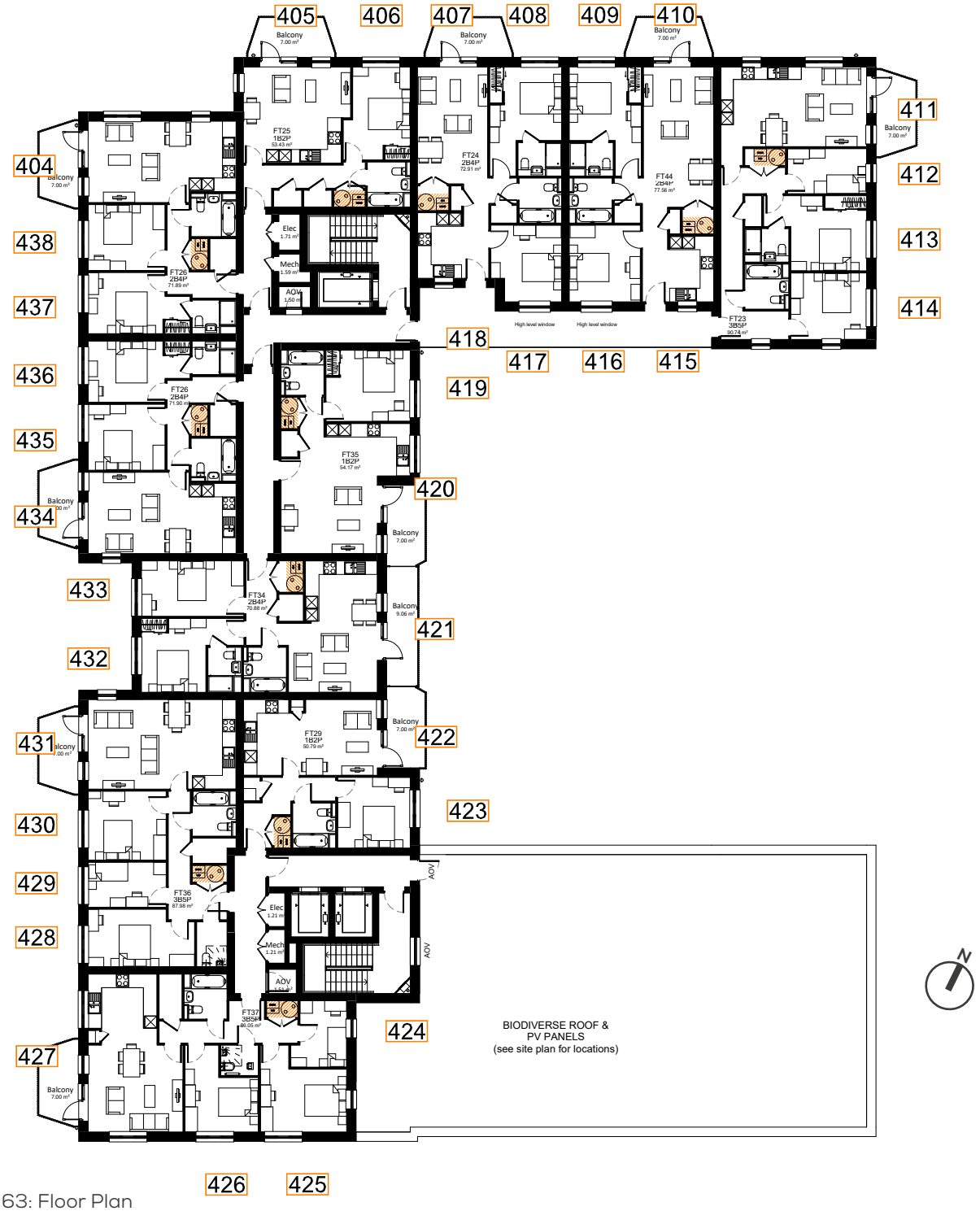


Fig. 63: Floor Plan

Block B6 - Ground Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK B6 - GROUND FLOOR						
439	L/K/D	1.4	94	MET	44	11
440	L/K/D	1.1	93	MET	40	10
441	Bedroom	1.1	94	MET	7	0
442	Bedroom	2.1	94	MET	23	3
443	Living Room	1.9	98	MET	24	3
444	Bedroom	1.4	95	MET	24	3
445	Bedroom	1.4	95	MET	10	3
446	Living Room	2	98	MET	27	4
447	Bedroom	2.1	95	MET	22	2
448	Bedroom	0.9	66	MET	56	16
449	L/K/D	1	70	MET	59	15
450	L/K/D	1.3	84	MET	58	16
451	L/K/D	0.3	33	MET	9	0
452	Bedroom	1.2	82	MET	23	1
453	Bedroom	1.3	85	MET	28	7
454	L/K/D	0.3	33	MET	27	9

Table 64: Assessment Data

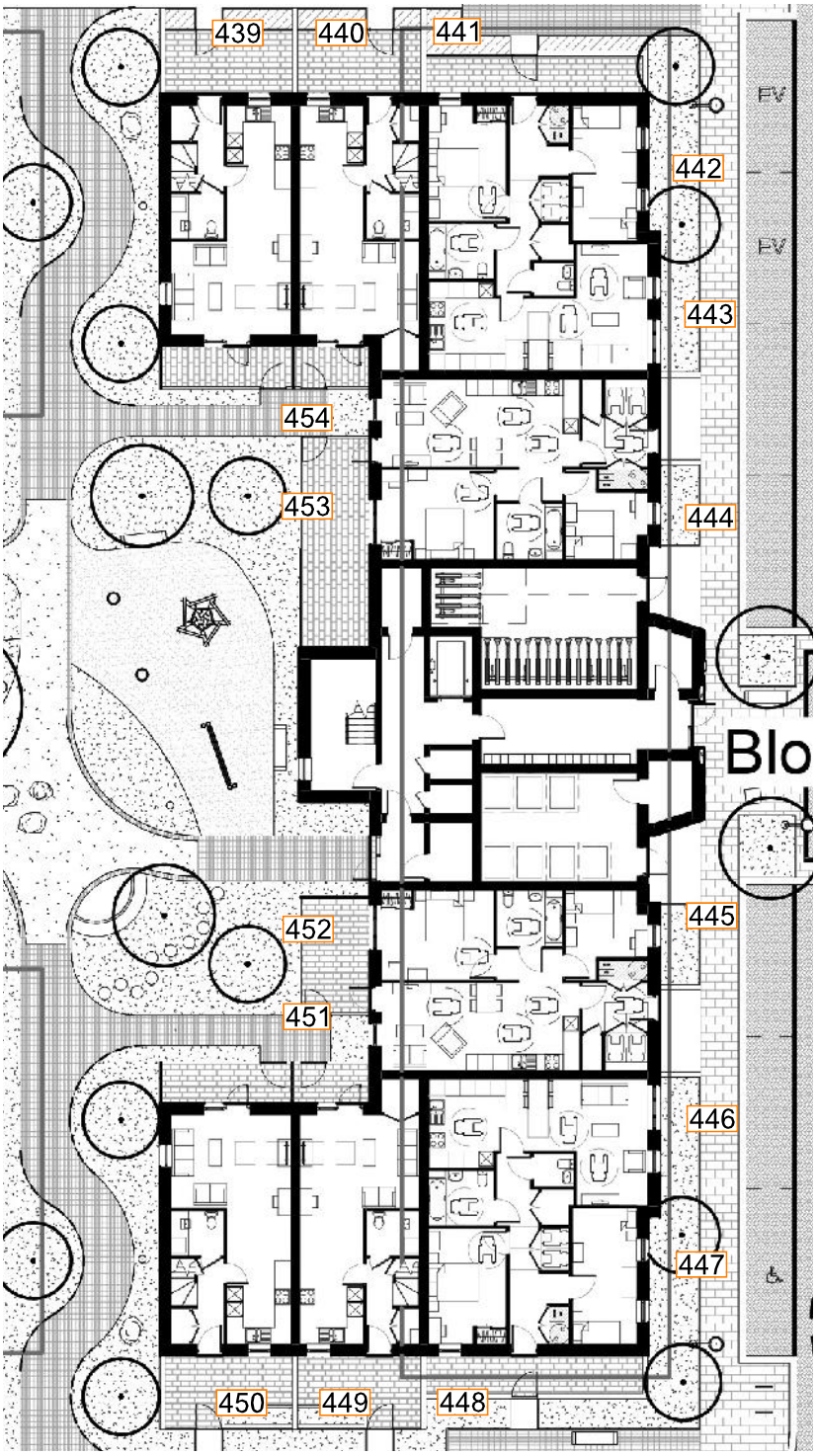


Fig. 64: Floor Plan

Block B6 - First Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK B6 - FIRST FLOOR						
455	Bedroom	1.8	98	MET	8	0
456	Bedroom	2.7	99	MET	8	0
457	Bedroom	1.8	98	MET	8	0
458	L/K/D	3.1	100	N/A	34	3
459	Bedroom	1.8	97	MET	24	3
460	Bedroom	3.5	100	MET	21	3
461	L/K/D	1.2	100	MET	22	10
462	Bedroom	1.4	95	MET	23	3
463	Bedroom	1.6	93	MET	17	3
464	Living Room	1.6	98	MET	11	1
465	Living Room	1.5	98	MET	19	5
466	Bedroom	1.6	92	MET	24	3
467	Bedroom	1.4	95	MET	13	3
468	L/K/D	1.2	100	MET	30	5
469	Bedroom	3.5	100	MET	30	4
470	Bedroom	1.8	97	MET	23	2
471	L/K/D	3	100	N/A	74	27
472	Bedroom	1.7	98	MET	63	22
473	Bedroom	2.5	98	MET	64	22
474	Bedroom	1.6	99	MET	34	17
475	Bedroom	3.1	93	N/A	12	3
476	Bedroom	1.9	91	MET	5	0
477	Bedroom	2	91	MET	44	14
478	Bedroom	3.2	93	N/A	52	17

Table 65: Assessment Data

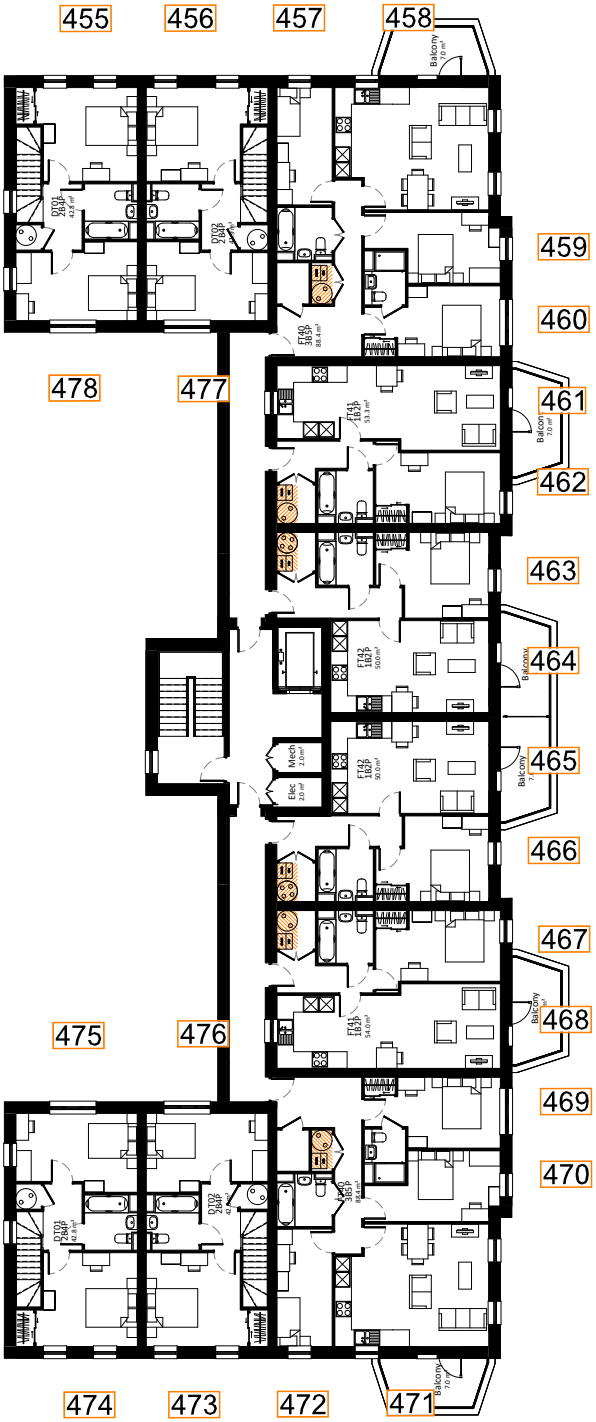


Fig. 65: Floor Plan

Block B6 - Second Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK B6 - SECOND FLOOR						
479	Bedroom	2	91	MET	64	22
480	L/K/D	2.6	99	N/A	22	2
481	Bedroom	1.7	97	MET	8	0
482	Bedroom	1.5	97	MET	8	0
483	Bedroom	1.8	99	MET	8	0
484	L/K/D	4	100	N/A	34	3
485	Bedroom	1.8	97	MET	24	3
486	Bedroom	3.5	100	MET	31	5
487	L/K/D	2.2	100	MET	69	18
488	Bedroom	1.5	95	MET	23	3
489	Bedroom	1.6	94	MET	24	3
490	Living Room	3	99	MET	28	2
491	Living Room	3	99	MET	31	5
492	Bedroom	1.6	92	MET	24	3
493	Bedroom	1.5	95	MET	23	3
494	L/K/D	2.2	100	MET	63	7
495	Bedroom	3.5	100	MET	31	5
496	Bedroom	1.8	97	MET	24	3
497	L/K/D	3.9	100	N/A	79	28
498	Bedroom	1.8	98	MET	66	24
499	Bedroom	1.5	97	MET	66	24
500	Bedroom	1.6	96	MET	66	24
501	L/K/D	2.7	99	N/A	82	28
502	Bedroom	2.1	90	MET	27	4

Table 66: Assessment Data

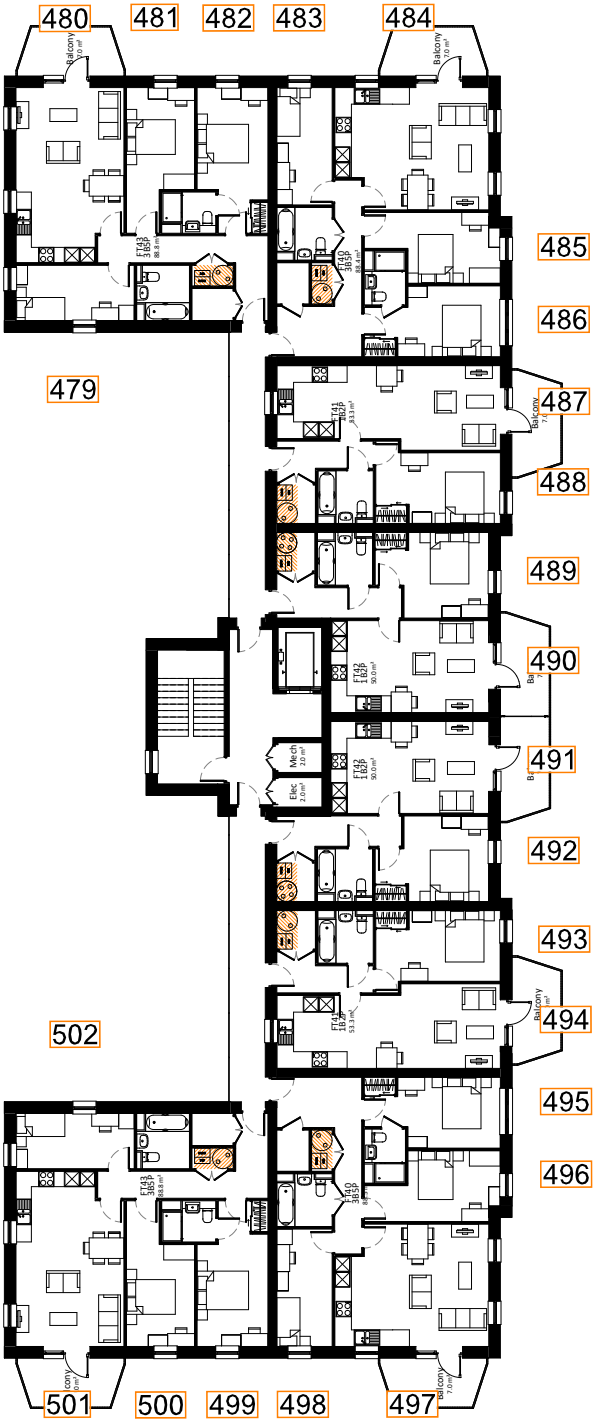


Fig. 66: Floor Plan

Block T1 - Ground Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK T1 - GROUND FLOOR						
503	L/K/D	2.6	100	N/A	91	27
504	L/K/D	2.6	100	N/A	91	27
505	L/K/D	2.5	99	N/A	87	26
506	L/K/D	2.6	100	N/A	89	26
507	L/K/D	2.6	99	N/A	88	27
508	L/K/D	2.7	100	N/A	90	27
509	L/K/D	2.7	100	N/A	88	27
510	L/K/D	2.9	100	N/A	90	26

Table 67: Assessment Data

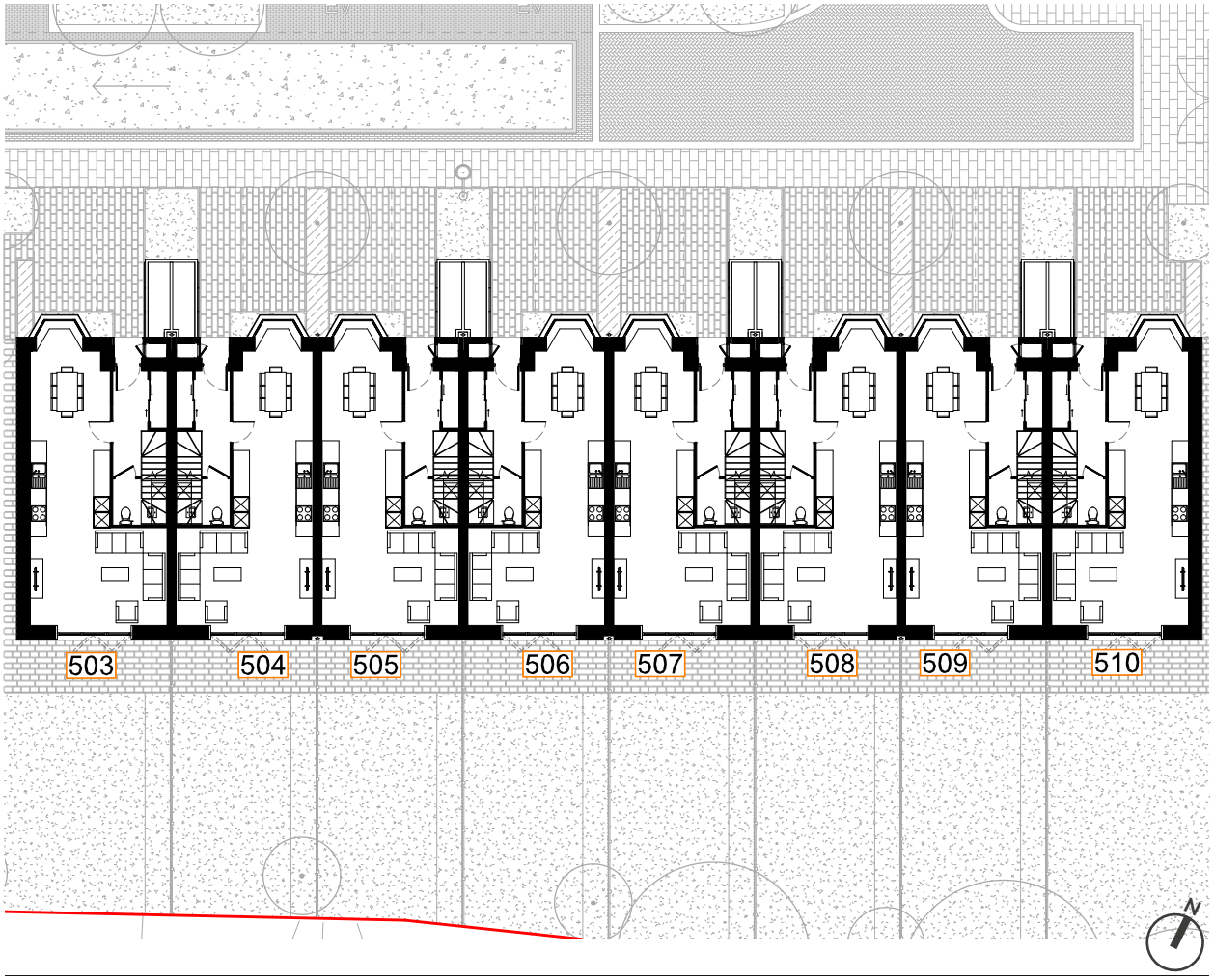


Fig. 67: Floor Plan

Block T1 - First Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK T1 - FIRST FLOOR						
511	Bedroom	1.7	89	MET	5	0
512	Bedroom	1	85	MET	0	0
513	Bedroom	1	91	MET	0	0
514	Bedroom	1.8	99	MET	5	0
515	Bedroom	1.7	99	MET	5	0
516	Bedroom	1	91	MET	0	0
517	Bedroom	1.1	91	MET	0	0
518	Bedroom	1.8	99	MET	5	0
519	Bedroom	1.9	99	MET	5	0
520	Bedroom	1.1	91	MET	0	0
521	Bedroom	1.1	91	MET	1	0
522	Bedroom	1.9	99	MET	6	0
523	Bedroom	1.9	99	MET	6	0
524	Bedroom	1.1	91	MET	1	0
525	Bedroom	1.1	91	MET	1	0
526	Bedroom	2	98	MET	6	0
527	Bedroom	1.5	94	MET	67	25
528	Bedroom	1.5	94	MET	67	25
529	Bedroom	1.5	94	MET	67	25
530	Bedroom	1.5	94	MET	66	24
531	Bedroom	1.5	94	MET	67	25
532	Bedroom	1.5	94	MET	67	25
533	Bedroom	1.5	94	MET	66	24
534	Bedroom	1.5	94	MET	67	25

Table 68: Assessment Data

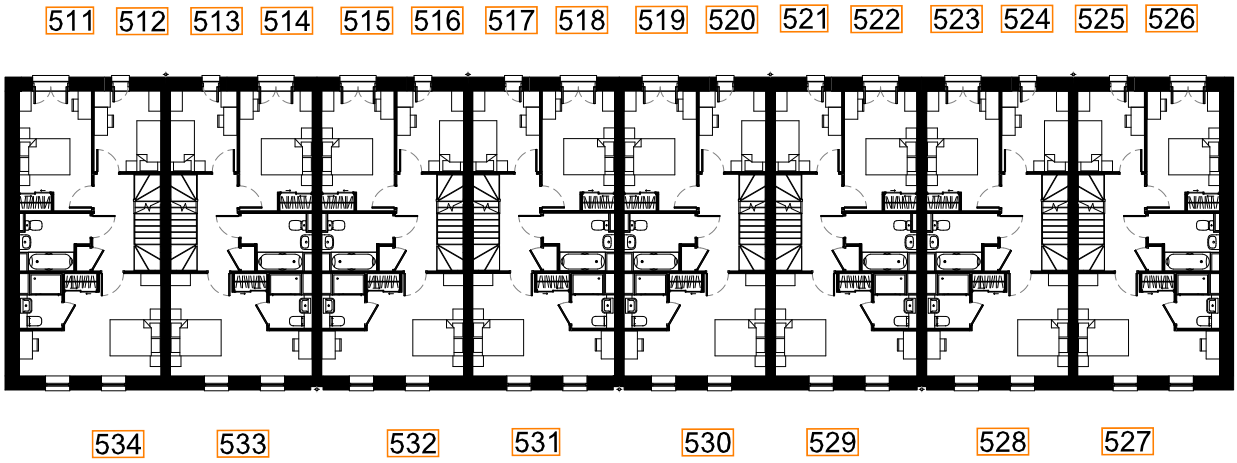
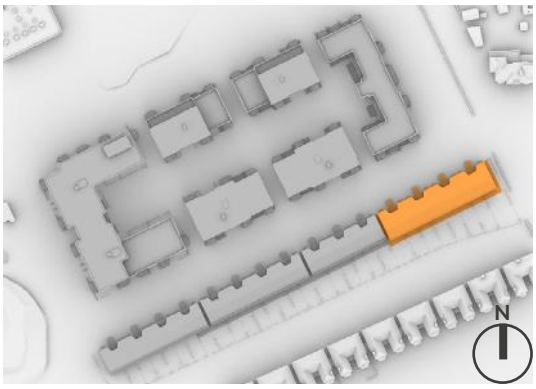


Fig. 68: Floor Plan



Block T1 - Second Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK T1 - SECOND FLOOR						
535	Bedroom	2.7	99	N/A	7	0
536	Study	1.8	84	MET	0	0
537	Study	1.9	77	MET	0	0
538	Bedroom	2.7	100	N/A	12	0
539	Bedroom	2.7	99	N/A	7	0
540	Study	1.8	85	MET	0	0
541	Study	1.9	76	MET	0	0
542	Bedroom	2.7	100	N/A	12	0
543	Bedroom	2.8	99	N/A	7	0
544	Study	1.9	85	MET	0	0
545	Study	1.9	77	MET	0	0
546	Bedroom	2.8	100	N/A	13	0
547	Bedroom	2.8	99	N/A	8	0
548	Study	1.9	85	MET	0	0
549	Study	2	77	MET	0	0
550	Bedroom	2.8	100	N/A	13	0

Table 69: Assessment Data

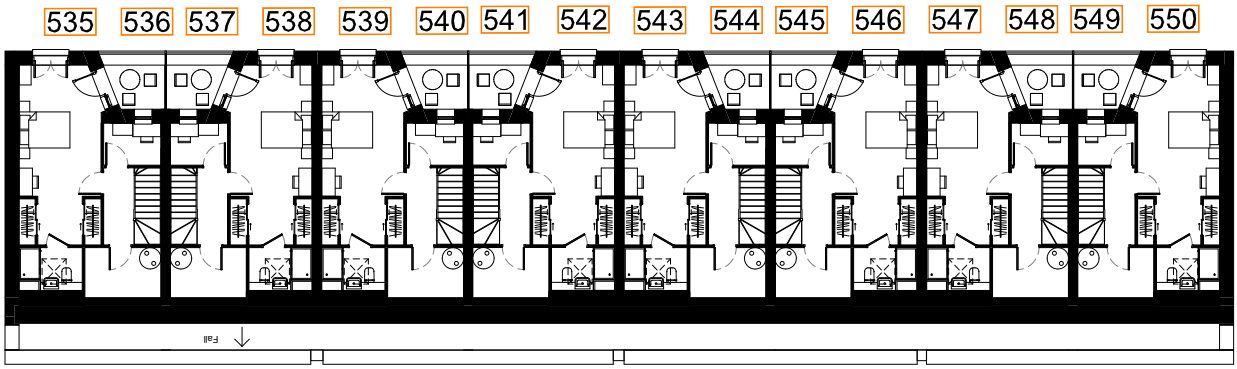


Fig. 69: Floor Plan

Block T2 - Ground Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK T2 - GROUND FLOOR						
551	L/K/D	3	100	N/A	90	27
552	L/K/D	2.9	100	N/A	88	26
553	L/K/D	2.9	99	N/A	87	26
554	L/K/D	2.9	100	N/A	89	26
555	L/K/D	2.9	99	N/A	88	26
556	L/K/D	2.9	99	N/A	88	26

Table 70: Assessment Data

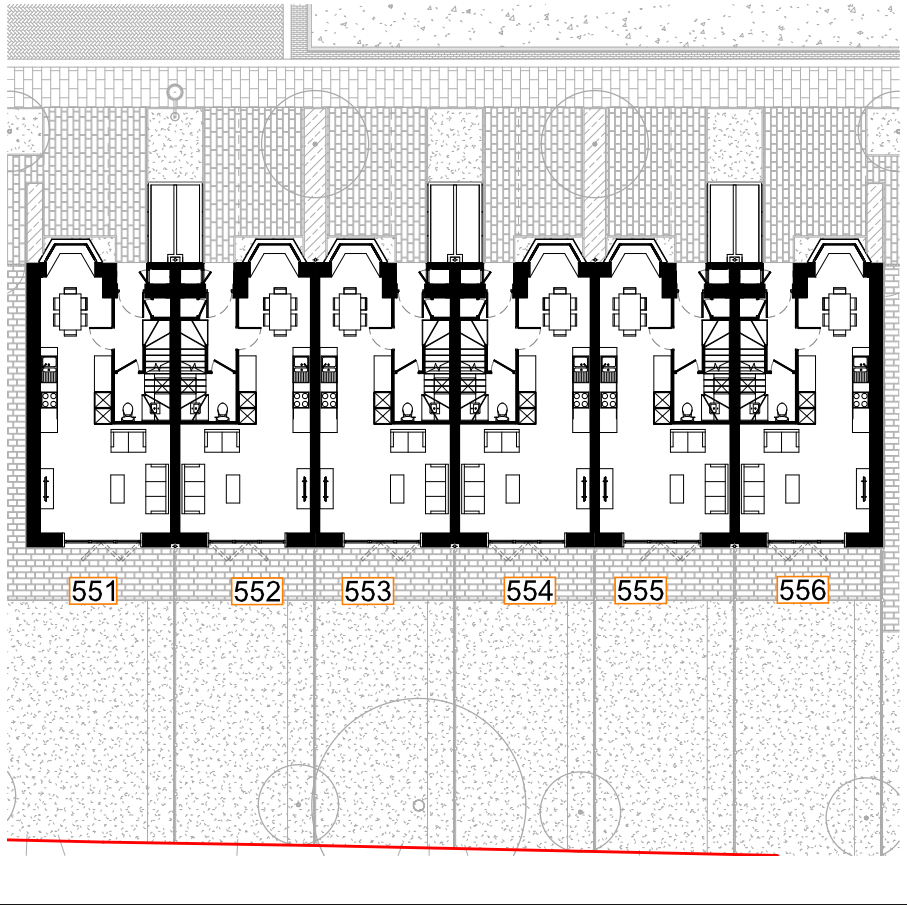


Fig. 70: Floor Plan

Block T2 - First Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK T2 - FIRST FLOOR						
557	Bedroom	0.9	84	MET	0	0
558	Bedroom	0.9	81	MET	0	0
559	Bedroom	0.8	77	MET	0	0
560	Bedroom	0.9	73	MET	0	0
561	Bedroom	0.9	73	MET	0	0
562	Bedroom	0.9	79	MET	0	0
563	Bedroom	1.8	95	MET	66	24
564	Bedroom	1.7	94	MET	66	24
565	Bedroom	1.8	95	MET	67	25
566	Bedroom	1.7	94	MET	66	24
567	Bedroom	1.8	95	MET	67	25
568	Bedroom	1.7	94	MET	67	25

Table 71: Assessment Data

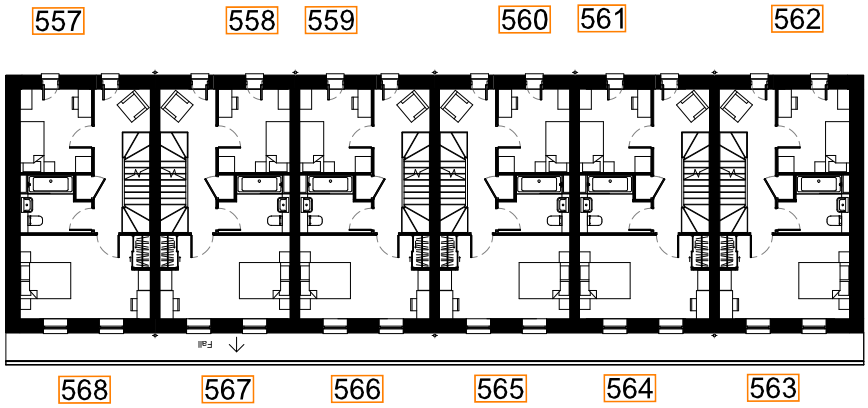


Fig. 71: Floor Plan

Block T2 - Second Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK T2 - SECOND FLOOR						
569	Bedroom	2.5	99	N/A	7	0
570	Bedroom	2.5	99	N/A	11	0
571	Bedroom	2.5	100	N/A	7	0
572	Bedroom	2.4	99	N/A	11	0
573	Bedroom	2.5	99	N/A	7	0
574	Bedroom	2.5	100	N/A	11	0

Table 72: Assessment Data

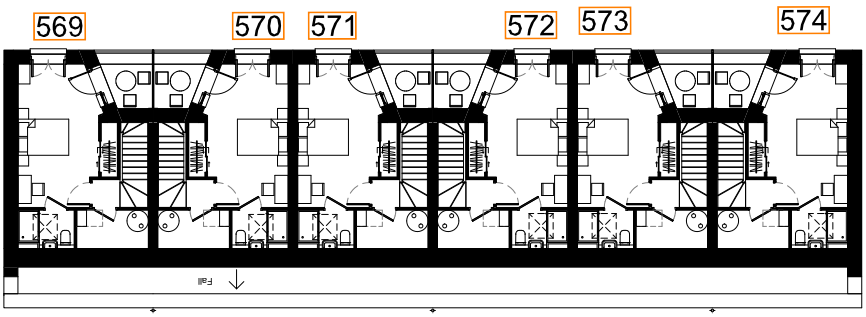


Fig. 72: Floor Plan

Block T3 - Ground Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK T3 - GROUND FLOOR						
575	L/K/D	3	100	N/A	89	27
576	L/K/D	2.9	100	N/A	87	26
577	L/K/D	2.9	100	N/A	86	26
578	L/K/D	2.8	100	N/A	88	26
579	L/K/D	2.9	99	N/A	86	26
580	L/K/D	2.8	100	N/A	88	26
581	L/K/D	2.9	99	N/A	86	26
582	L/K/D	2.9	100	N/A	91	27

Table 73: Assessment Data

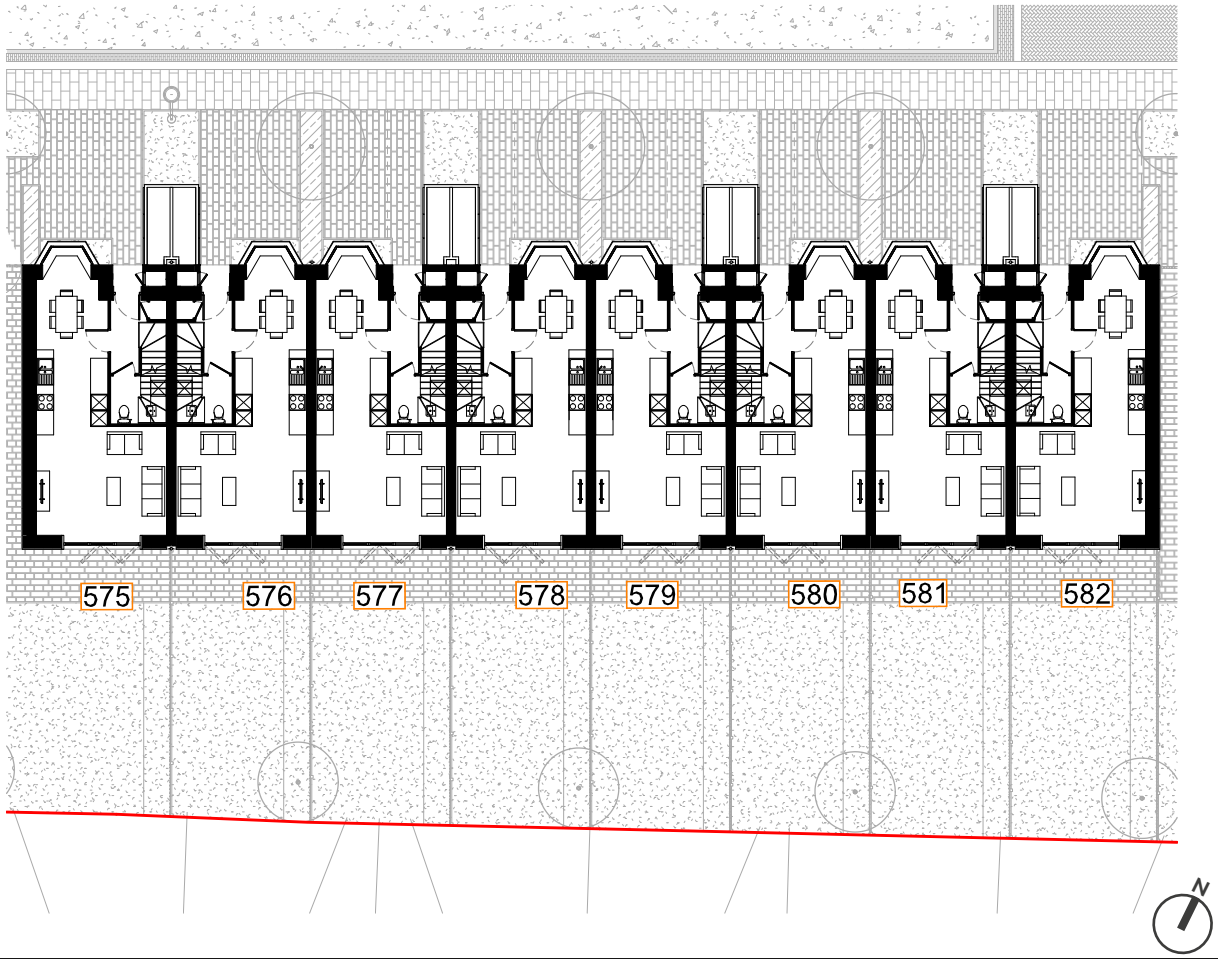


Fig. 73: Floor Plan

Block T3 - First Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK T3 - FIRST FLOOR						
583	Bedroom	0.8	78	MET	0	0
584	Bedroom	0.9	83	MET	0	0
585	Bedroom	0.9	84	MET	0	0
586	Bedroom	0.8	74	MET	0	0
587	Bedroom	0.9	73	MET	0	0
588	Bedroom	0.9	74	MET	0	0
589	Bedroom	0.9	76	MET	0	0
590	Bedroom	0.9	83	MET	0	0
591	Bedroom	1.8	94	MET	66	24
592	Bedroom	1.7	94	MET	67	25
593	Bedroom	1.8	95	MET	67	25
594	Bedroom	1.7	94	MET	66	24
595	Bedroom	1.8	95	MET	67	25
596	Bedroom	1.7	94	MET	66	24
597	Bedroom	1.8	95	MET	66	24
598	Bedroom	1.7	95	MET	67	25

Table 74: Assessment Data

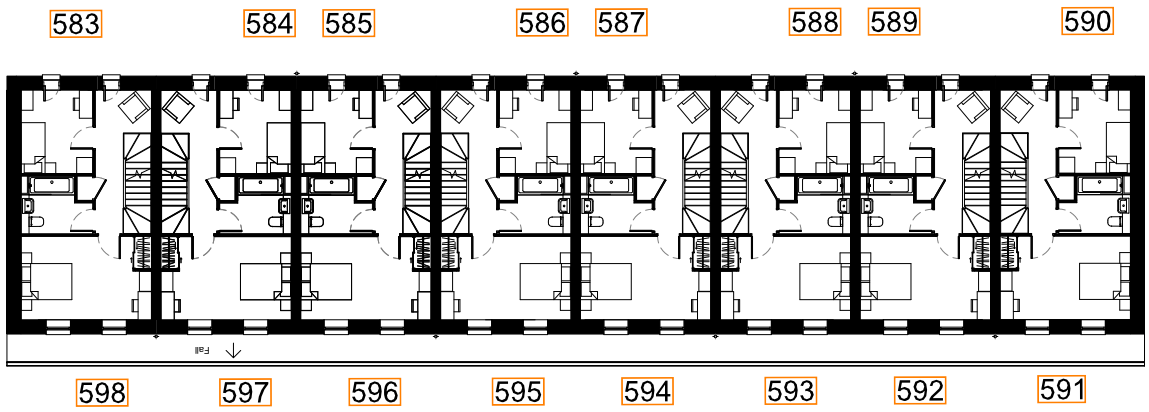


Fig. 74: Floor Plan

Block T3 - Second Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK T3 - SECOND FLOOR						
599	Bedroom	2.5	99	N/A	6	0
600	Bedroom	2.5	99	N/A	10	0
601	Bedroom	2.5	100	N/A	6	0
602	Bedroom	2.4	99	N/A	10	0
603	Bedroom	2.4	99	N/A	6	0
604	Bedroom	2.5	99	N/A	10	0
605	Bedroom	2.5	99	N/A	6	0
606	Bedroom	2.5	100	N/A	11	0

Table 75: Assessment Data

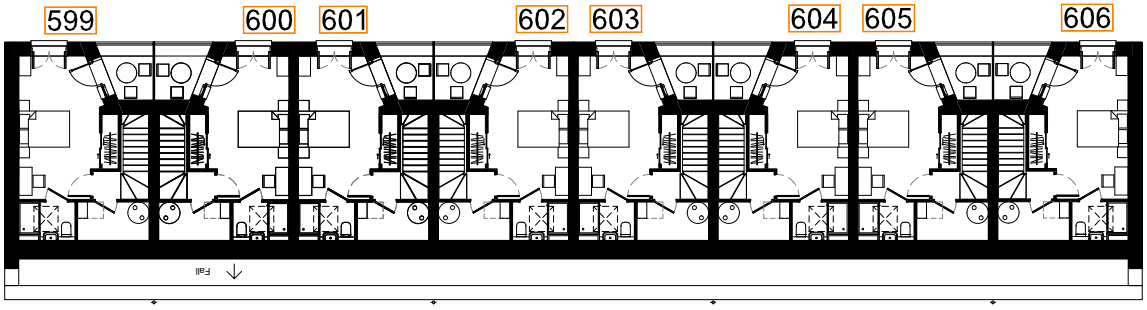


Fig. 75: Floor Plan

Block T4 - Ground Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK T4 - GROUND FLOOR						
607	L/K/D	3.2	100	N/A	95	26
608	L/K/D	3	100	N/A	92	25
609	L/K/D	3	99	N/A	90	25
610	L/K/D	2.9	100	N/A	92	25
611	L/K/D	2.9	99	N/A	90	25
612	L/K/D	2.8	100	N/A	91	25
613	L/K/D	2.8	99	N/A	88	25
614	L/K/D	2.9	99	N/A	91	26

Table 76: Assessment Data

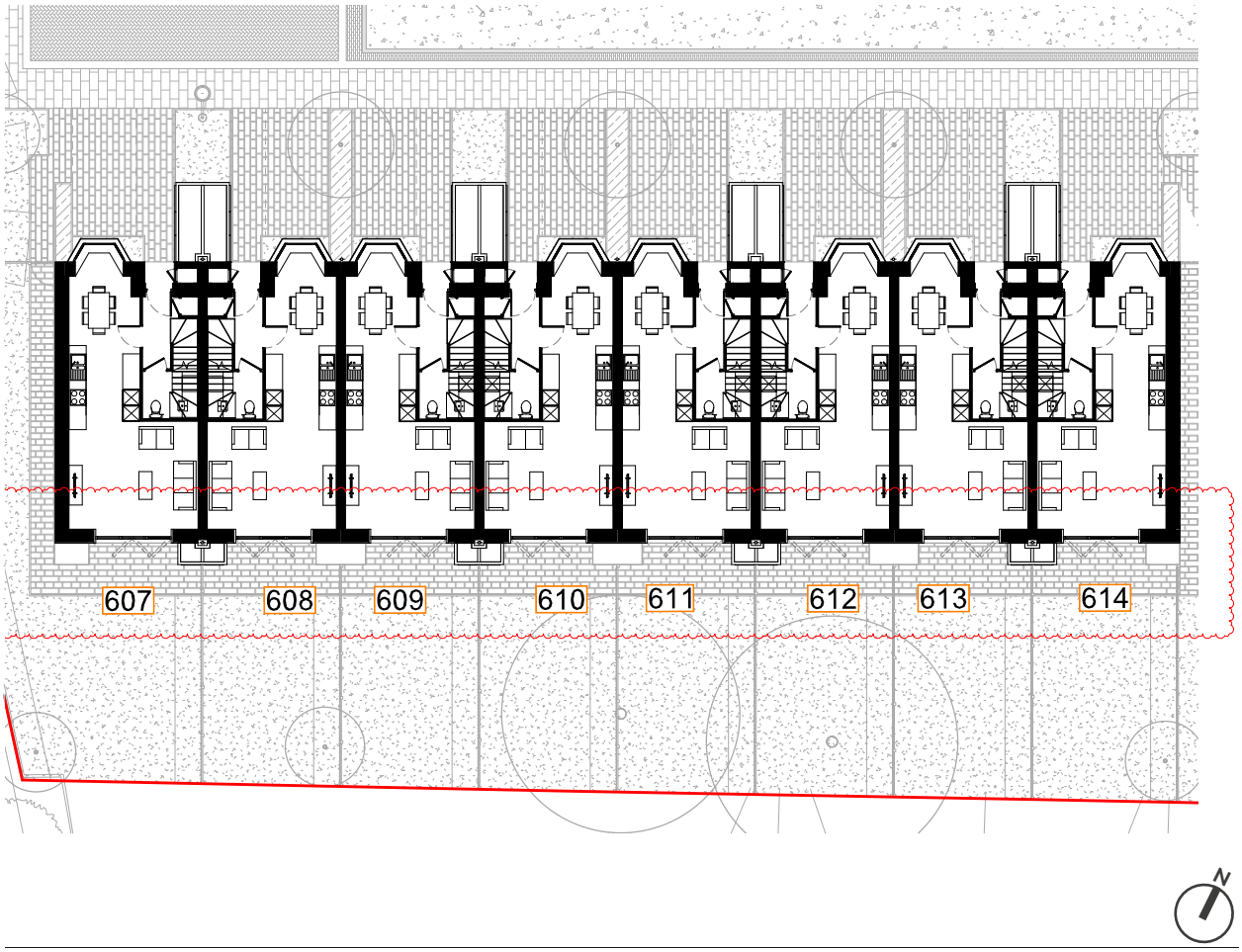


Fig. 76: Floor Plan

Block T4 - First Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK T4 - FIRST FLOOR						
615	Bedroom	1	89	MET	2	0
616	Bedroom	0.9	75	MET	2	0
617	Bedroom	0.9	73	MET	2	0
618	Bedroom	0.9	62	MET	2	0
619	Bedroom	0.8	62	MET	2	0
620	Bedroom	0.8	67	MET	1	0
621	Bedroom	0.8	69	MET	0	0
622	Bedroom	0.8	75	MET	0	0
623	Bedroom	1.8	94	MET	66	24
624	Bedroom	1.7	94	MET	67	25
625	Bedroom	1.8	95	MET	66	24
626	Bedroom	1.8	94	MET	66	24
627	Bedroom	1.8	95	MET	67	25
628	Bedroom	1.8	94	MET	66	24
629	Bedroom	1.8	95	MET	66	24
630	Bedroom	1.8	95	MET	67	25

Table 77: Assessment Data

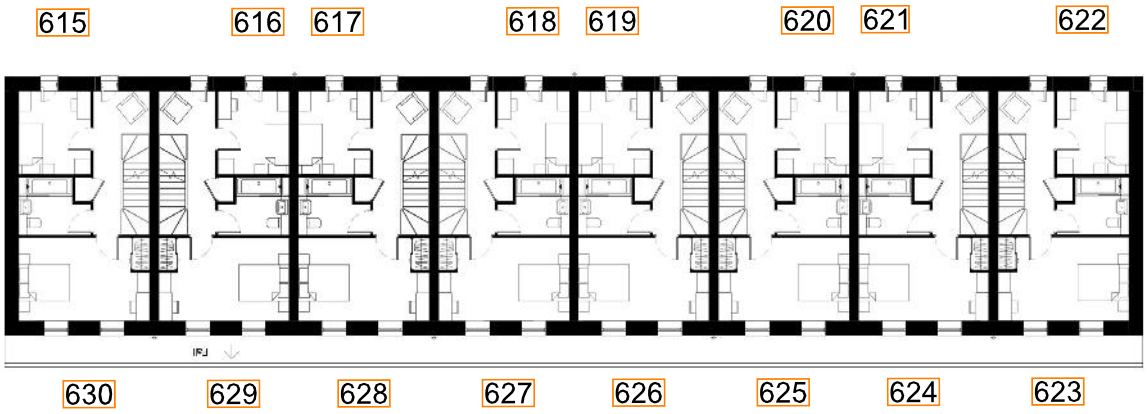
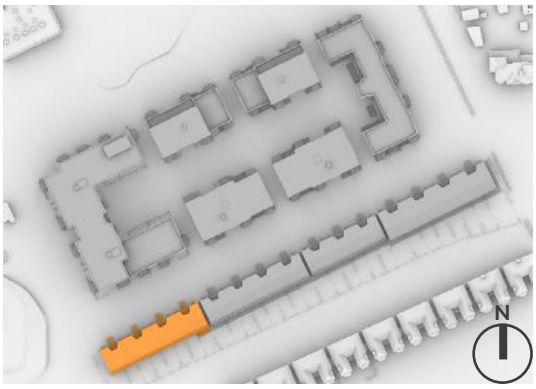


Fig. 77: Floor Plan



Block T4 - Second Floor

		DAYLIGHT QUANTUM	DAYLIGHT DISTRIBUTION		SUNLIGHT QUANTUM	
ROOM REF.	ROOM USE	ADF (%)	NSL (%)	RDC	ANNUAL	WINTER
BLOCK T4 - SECOND FLOOR						
631	Bedroom	2.6	100	N/A	8	0
632	Bedroom	2.6	99	N/A	12	0
633	Bedroom	2.5	100	N/A	8	0
634	Bedroom	2.4	92	N/A	12	0
635	Bedroom	2.4	98	N/A	8	0
636	Bedroom	2.4	82	N/A	11	0
637	Bedroom	2.4	99	N/A	6	0
638	Bedroom	2.5	91	N/A	10	0

Table 78: Assessment Data

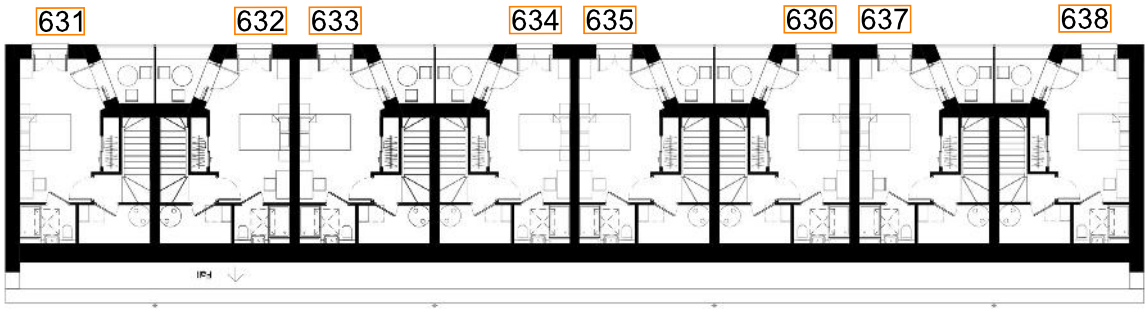
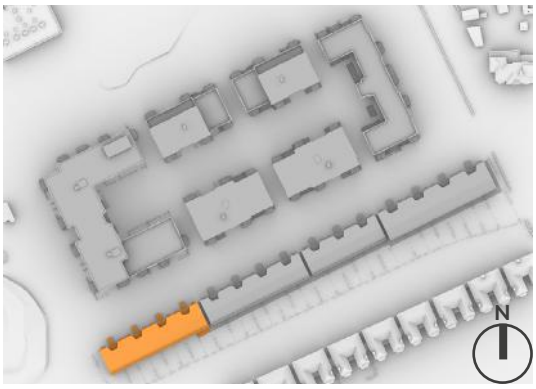


Fig. 78: Floor Plan



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