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Daylight and Sunlight Study (Within Development) Regents Park Estate, London NW1 4BX

22 May 2015



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DAYLIGHT AND SUNLIGHT STUDY
Regents Park Estate, London NW1 4BX

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1 EXECUTIVE SUMMARY

1.1 Overview

- 1.1.1 Right of Light Consulting has been commissioned by the London Borough of Camden to undertake a daylight and sunlight study in connection with the development at Regents Park Estate, London NW1 4BX. The aim of the study is to check whether or not the proposed habitable rooms receive satisfactory levels of daylight and sunlight.
- 1.1.2 The study is based on the numerical tests laid down in the Building Research Establishment (BRE) guide 'Site Layout Planning for Daylight and Sunlight: a good practice guide' by P J Littlefair 2011.
- 1.1.3 Appendix 1.1 to 8.1 identifies the windows analysed in this study. The numerical test results (including all calculation workings) are provided in Appendix 1.2 to 8.2. No sky line contours are presented in Appendix 1.3 to 8.3.
- 1.1.4 Right of Light Consulting confirms that all of the proposed dwellings at the Regents Park Estate satisfy all of the interior daylight and sunlight requirements set out in the BRE guide 'Site Layout Planning for Daylight and Sunlight'.

2 INFORMATION SOURCES

2.1 Documents Considered

2.1.1 This report is based on the following drawings:

Mae Architects

Robert Street

S1-001	Existing Site Plan	Rev –
S1-100	Proposed Site Plan	Rev –
S1-101	Ground Floor Plan	Rev –
S1-102	First Floor Plan	Rev –
S1-103	Second Floor Plan	Rev –
S1-104	Third Floor Plan	Rev –
S1-105	Fourth Floor Plan	Rev –
S1-106	Roof Plan	Rev –
S1-201	Section AA	Rev –
S1-202	Section BB	Rev –
S1-301	South Elevation	Rev –
S1-302	North Elevation	Rev –
S1-303	East Elevation	Rev –
S1-304	West Elevation	Rev –

Varndell Street

S3-001	Existing Site Plan	Rev –
S3-100	Proposed Site Plan	Rev –
S3-101	Ground Floor Plan	Rev –
S3-102	First Floor Plan	Rev –
S3-103	Second Floor Plan	Rev –
S3-104	Third Floor Plan	Rev –
S3-105	Fourth Floor Plan	Rev –
S3-106	Fifth Floor Plan	Rev –
S3-107	Roof Plan	Rev –
S3-201	Section AA	Rev –
S3-301	East Elevation	Rev –
S3-302	North Elevation	Rev –
S3-303	South Elevation	Rev –
S3-304	West Elevation	Rev –

Dick Collins TRA Hall Site

S5-001	Existing Site Plan	Rev –
S5-100	Proposed Site Plan	Rev –
S5-101	Ground Floor Plan	Rev –
S5-102	First Floor Plan	Rev –
S5-103	Second Floor Plan	Rev –
S5-104	Third Floor Plan	Rev –
S5-105	Fourth Floor Plan	Rev –

S5-106	Roof Plan	Rev –
S5-201	Section AA	Rev –
S5-202	Section BB	Rev –
S3-301	East Elevation	Rev –
S3-302	North Elevation	Rev –
S3-303	South Elevation	Rev –
S3-304	West Elevation	Rev –

Matthew Lloyd Architects

Rydal Water Open Space

TBC

Newlands Open Space

TBC

Cape of Good Hope

TBC

Victory Pub

TBC

St Bede's Mews

TBC

3 METHODOLOGY OF THE STUDY

3.1 BRE Guide : Site Layout Planning for Daylight and Sunlight

- 3.1.1 The study is based on the numerical tests laid down in the Building Research Establishment (BRE) guide 'Site Layout Planning for Daylight and Sunlight: a good practice guide' by P J Littlefair 2011.
- 3.1.2 The standards set out in the BRE guide are intended to be used flexibly. In instances where there is a special requirement for daylight or sunlight, higher levels may be deemed necessary. In other situations, such as with urban developments, lower daylight and sunlight levels may be unavoidable. The following statement is quoted directly from the BRE guide:
- 3.1.3 "The guide is intended for building designers and their clients, consultants and planning officials. The advice given is not mandatory and this document should not be considered as an instrument of planning policy. Its aim is to help rather than constrain the designer. Although it gives numerical guidelines, these should be interpreted flexibly because natural lighting is only one of the many factors in site layout design."

3.2 Interior Daylighting

- 3.2.1 The interior daylighting recommendations set out in BRE guide are based on British Standard BS 8206 Part 2 and the Chartered Institute of Building Services Engineers Applications Manual on window design. Collectively, the guides set out three main criteria for interior daylighting. These are summarised as follows:

3.2.2 Test 1 Average Daylight Factor (df)

The Average Daylight Factor can be calculated using the following formula:

$$df = \frac{T A_w \theta}{A (1-R^2)} \%$$

Where

- T is the diffuse visible transmittance of the glazing (BRE standard of 0.68)
Aw is the net glazed area of the window (m²)
A is the total area of the room surfaces (m²)
R is their average reflectance
θ is the angle of visible sky in degrees

The Average Daylight factor test is applied to habitable rooms within domestic properties. A kitchen is generally deemed to be a habitable room if it is large enough to accommodate a dining area. If the kitchen is small or if the property has a separate dining area then the accepted practice is to treat the kitchen as a non habitable room.

For the purpose of this study we have assumed BRE internal reflectance values pertaining to medium wooden floors, light painted walls and white painted ceilings.

The guide recommends an Average Daylight Factor of 5% or more if there is no supplementary electric lighting, or 2% or more if supplementary lighting is provided. There are additional minimum recommendations for dwellings of 2% for kitchens, 1.5% for living rooms and 1% for bedrooms.

A special procedure is required for floor to ceiling windows such as patio doors. If part of a window is below the height of the working plane (a horizontal plane 0.85m above the floor in housing), this portion should be treated as a separate window. The ADF for this window has an extra factor applied to it, to take account of the reduced effectiveness of low level glazing in lighting the room. A value equal to the floor reflectance may be taken for this factor. The ADF for the portion of the window above the working plane is calculated in the normal way without this additional factor, and the ADFs for the two portions are added together.

3.2.3 Test 2 Room Depth

If a daylit room is lit by windows in one wall only, the depth of the room L should not exceed the limiting value given by:

$$\frac{L}{W} + \frac{L}{H} \leq \frac{2}{1-R_b}$$

Where

W is the room width
H is the window-head height above floor level
R_b is the average reflectance of the surfaces in the rear half of the room

3.2.4 Test 3 Position of the no sky line

If a significant area of the working plane lies beyond the no sky line (i.e. it receives no direct skylight), then the distribution of daylight in the room will look poor and supplementary electric lighting will be required.

The no sky line assessment is not applicable where a room derives its daylight solely from a light well or atrium. In these situations the room relies on borrowed light instead of direct skylight.

3.3 Sunlight to Windows

3.3.1 Whilst the aim is usually to maximise the number of south facing living rooms, the BRE guide does not give mandatory sunlight requirements for new flats. The guide states that for larger developments of flats, especially those with site constraints, it may not be possible to have every living room facing within 90 degrees of due south.

3.3.2 The BRE sunlight tests should be applied to all main living rooms and conservatories which have a window which faces within 90 degrees of due south. The guide states that sunlight is viewed as less important in kitchens and bedrooms. In non-domestic buildings, any spaces which are deemed to have a specific requirement for sunlight should be checked.

3.3.3 The BRE guide recommends that main living room windows should receive 25% of the total annual probable sunlight hours, including 5% of the annual probable sunlight hours during the winter months between 21st September and 21st March.

4 RESULTS OF THE STUDY

4.1 Window Reference Points

4.1.1 Refer to Appendix 1.1 to 8.1 for drawings which identify the positions of the windows analysed in this study.

4.2 Numerical Results and No Sky Line Contours

4.2.1 The numerical test results including all calculation workings are provided in Appendix 1.2 to 8.2. No sky line contours for the habitable rooms are presented in Appendix 1.3 to 8.3.

4.3 Interior Daylighting

4.3.1 Robert Street

4.3.1.1 All rooms meet or surpass the BRE Average Daylight Factor targets.

4.3.1.2 All rooms pass the room depth test.

4.3.1.3 The Daylight Distribution (no sky line) contours are presented in Appendix 1.3. The contours illustrate that the majority of rooms receive good access to daylight over a significant part of the working plane.

4.3.2 Former One Stop Shop

4.3.2.1 All rooms meet or surpass the BRE Average Daylight Factor targets.

4.3.2.2 All rooms pass the room depth test.

4.3.2.3 The Daylight Distribution (no sky line) contours are presented in Appendix 2.3. The contours illustrate that the majority of rooms receive good access to daylight over a significant part of the working plane.

4.3.3 Varndell Street

4.3.3.1 All rooms meet or surpass the BRE Average Daylight Factor targets.

4.3.3.2 All rooms pass the room depth test.

4.3.3.3 The Daylight Distribution (no sky line) contours are presented in Appendix 3.3. The contours illustrate that the majority of rooms receive good access to daylight over a significant part of the working plane.

4.3.4 **Newlands Plot**

4.3.4.1 All rooms meet or surpass the BRE Average Daylight Factor targets.

4.3.4.2 All rooms pass the room depth test.

4.3.4.3 The Daylight Distribution (no sky line) contours are presented in Appendix 4.3. The contours illustrate that the majority of rooms receive good access to daylight over a significant part of the working plane.

4.3.5 **Dick Collins TRA Hall**

4.3.5.1 All rooms meet or surpass the BRE Average Daylight Factor targets.

4.3.5.2 All rooms pass the room depth test.

4.3.5.3 The Daylight Distribution (no sky line) contours are presented in Appendix 5.3. The contours illustrate that the majority of rooms receive good access to daylight over a significant part of the working plane.

4.3.6 **Cape of Good Hope**

4.3.6.1 All rooms meet or surpass the BRE Average Daylight Factor targets.

4.3.6.2 All rooms pass the room depth test.

4.3.6.3 The Daylight Distribution (no sky line) contours are presented in Appendix 6.3. The contours illustrate that the majority of rooms receive good access to daylight over a significant part of the working plane.

4.3.7 **Victory Pub**

4.3.7.1 All rooms meet or surpass the BRE Average Daylight Factor targets.

4.3.7.2 All rooms pass the room depth test.

4.3.7.3 The Daylight Distribution (no sky line) contours are presented in Appendix 7.3. The contours illustrate that the majority of rooms receive good access to daylight over a significant part of the working plane.

4.3.8 **St Bede's Mews**

4.3.8.1 All rooms meet or surpass the BRE Average Daylight Factor targets.

4.3.8.2 All rooms pass the room depth test.

4.3.8.3 The Daylight Distribution (no sky line) contours are presented in Appendix 8.3. The contours illustrate that the majority of rooms receive good access to daylight over a significant part of the working plane.

4.4 Sunlight to Windows

4.4.1 **Robert Street**

4.4.1.1 The Robert Street development contains a mixture of north and south facing flats. The results confirm that all 13 of the living rooms at the Robert Street site have at least one window which faces within 90 degrees of due south. The annual and winter probable sunlight hours data is presented in Appendix 1.2.

4.4.2 **Former One Stop Shop**

4.4.2.1 The Rydal Water Open Space development contains a mixture of north east and south west facing flats. The results confirm that 18 of the 24 living rooms at the Rydal Water site have at least one window which faces within 90 degrees of due south. The annual and winter probable sunlight hours data is presented in Appendix 2.2.

4.4.3 **Varndell Street**

4.4.3.1 The Varndell Street development contains a mixture of north east and south west facing flats. The results confirm that 4 of the 8 living rooms at the Varndell Street site have at least one window which faces within 90 degrees of due south. The annual and winter probable sunlight hours data is presented in Appendix 2.3.

4.4.4 **Newlands Plot**

4.4.4.1 The Newlands Open Space development contains a mixture of north, east, south and south facing flats. The results confirm that 28 of the 35 living rooms at the Newlands site have at least one window which faces within 90 degrees of due south. The annual and winter probable sunlight hours data is presented in Appendix 2.4.

4.4.5 **Dick Collins TRA Hall**

4.4.5.1 The Dick Collins TRA Hall development contains a mixture of north east and south west facing flats. The results confirm that 7 of the 11 living rooms at the Dick Collins site have at least one window which faces within 90 degrees of due south. The annual and winter probable sunlight hours data is presented in Appendix 2.5.

4.4.6 **Cape of Good Hope**

4.4.6.1 The Cape of Good Hope development contains a mixture of north east and south west facing flats. The results confirm that all 15 of the living rooms at the Cape of Good Hope site have at least one window which faces within 90 degrees of due south. The annual and winter probable sunlight hours data is presented in Appendix 2.6.

4.4.7 **Victory Pub**

4.4.7.1 The Victory Pub development contains a mixture of north and south facing flats. The results confirm that all 10 of the living rooms at the Victory Pub site have at least one window which faces within 90 degrees of due south. The annual and winter probable sunlight hours data is presented in Appendix 2.7.

4.4.8 **St Bede's Mews**

4.4.8.1 The St Bede's Mews development contains a north east facing flats. Although none of the living rooms at the St Bede's Mews site have windows which faces within 90 degrees of due south, the results indicate that the units will receive a relatively good level of sunlight despite their north easterly orientation. The annual and winter probable sunlight hours data is presented in Appendix 2.8.

4.5 Conclusion

- 4.5.1 Right of Light Consulting confirms that all of the proposed dwellings at the Regents Park Estate satisfy all of the interior daylight and sunlight requirements set out in the BRE guide 'Site Layout Planning for Daylight and Sunlight'.

5 CLARIFICATIONS

5.1 General

- 5.1.1 The report provided is solely for the use of the client and no liability to anyone else is accepted.
- 5.1.2 We have undertaken the survey following the guidelines of the RICS publication “Surveying Safely”.
- 5.1.3 Where limited access is available, reasonable assumptions will have been made.
- 5.1.4 Right of Light Consulting have endeavoured to include in the report those matters, which they have knowledge of or of which they have been made aware, that might adversely affect the validity of the opinion given.
- 5.1.5 Right of Light Consulting will notify those instructing them immediately and confirm in writing if for any reason the report requires any correction or qualification.
- 5.1.6 Right of Light Consulting confirm that they have used their best endeavours to ensure that the facts stated in this report are correct and that the opinions expressed represent a true and complete professional opinion.

5.2 Project Specific

- 5.2.1 None

APPENDICES

APPENDIX 1

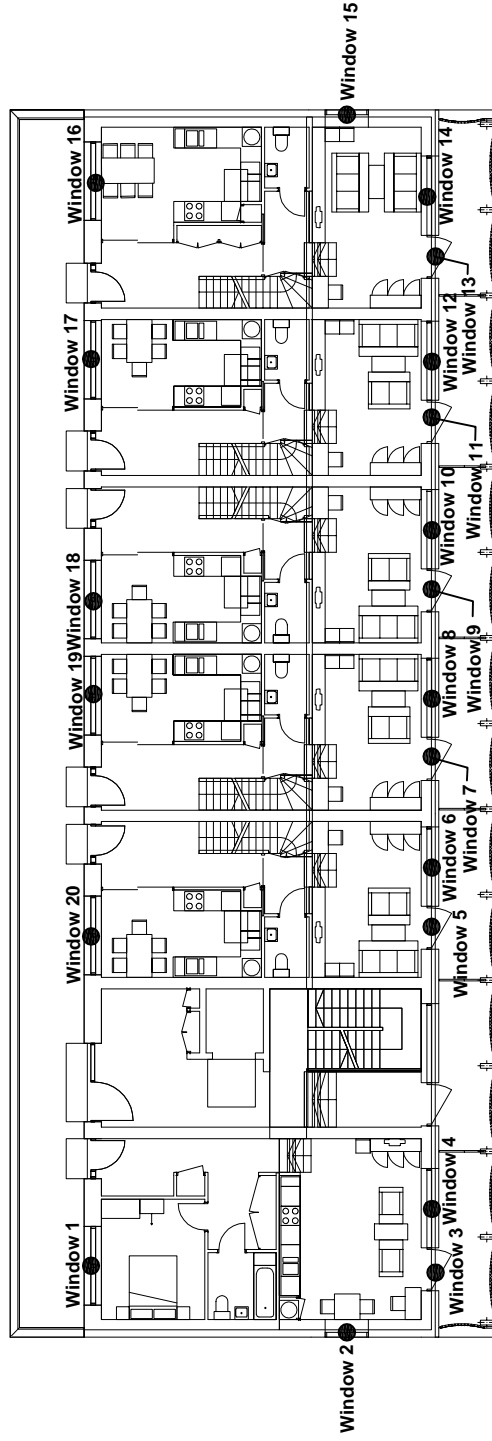
ROBERT STREET

APPENDIX 1.1

WINDOW KEY

Key:

Window 1 ● Window reference



Project Name: Regents Park Estate , London NW1 4BX			
Drawing Title: Window Key			
Scale: Do not scale			
Drawing No: 1 of 4			
Rev	Date	Details of revision	Rev. -



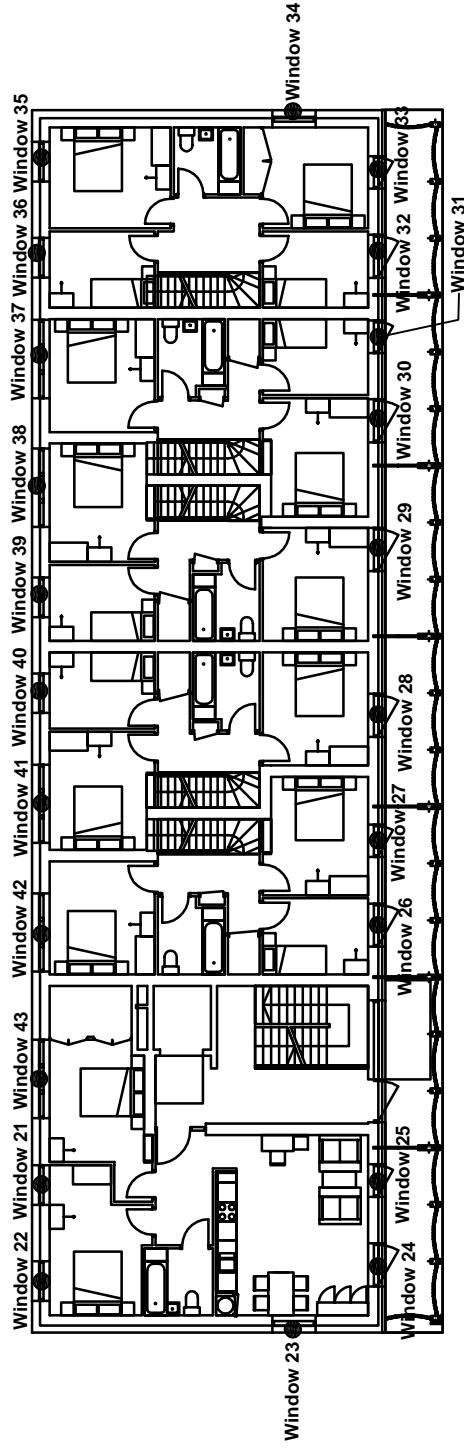
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Key:

Window 1 ● Window reference



Project Name: **Regents Park Estate , London NW1 4BX**

Drawing Title: **Window Key**

Scale: **Do not scale**

Drawing No: **2 of 4**

Rev. -

Rev	Date	Details of revision

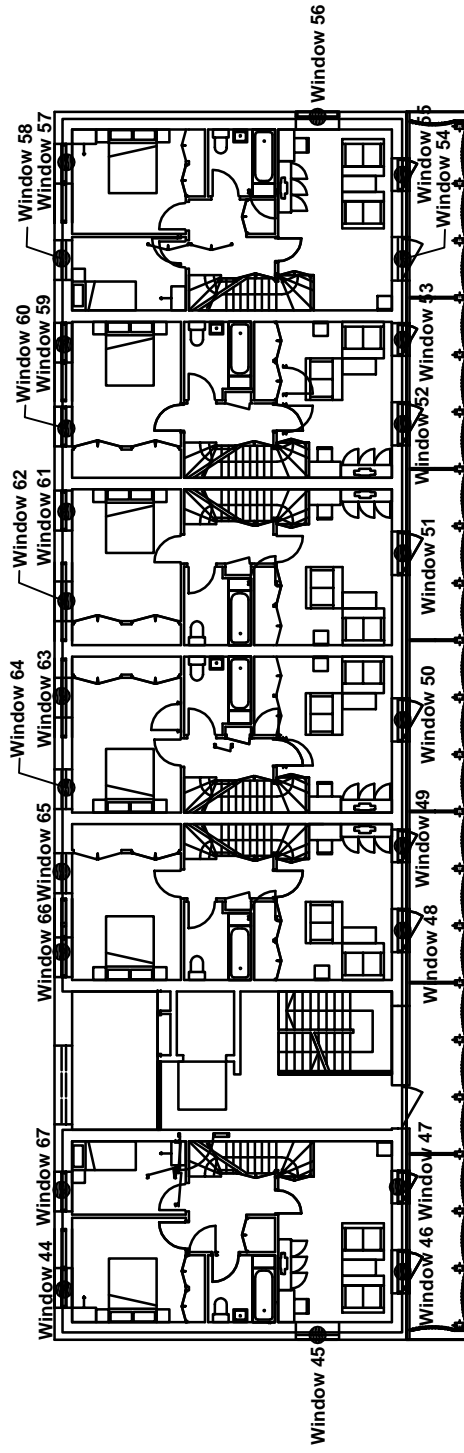


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Key:

Window 1 ● Window reference



Project Name: **Regents Park Estate , London NW1 4BX**

Drawing Title: **Window Key**

Scale: **Do not scale**

Drawing No: **3 of 4**

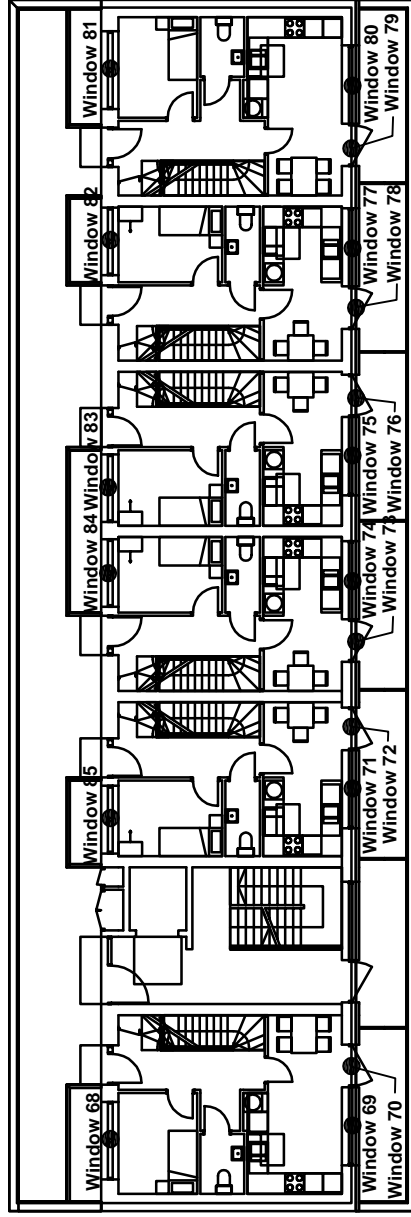
Rev. -

Rev	Date	Details of revision



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Key:

Window 1 ● Window reference

Project Name: **Regents Park Estate , London NW1 4BX**

Drawing Title: **Window Key**

Scale: **Do not scale**

Drawing No: **4 of 4**

Rev. -

Rev

Date

Details of revision



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APPENDIX 1.2

DAYLIGHT AND SUNLIGHT CALCULATIONS

**Appendix 2 - Average Daylight Factor (ADF)
Regents Park Estate, Robert Street, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients					Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result
<u>Proposed First Floor</u>									
Window 1 (lower)			0.68	0.79	72.77	0.69	57.9	0.3%	
Window 1 (upper)			0.68	4.39	72.77	0.69	55.2	4.3%	
Total ADF for room	Bedroom	1.0%						4.6%	Pass
Window 2 (lower)			0.68	0.92	120.29	0.66	42.3	0.2%	
Window 2 (upper)			0.68	2.42	120.29	0.66	43.7	1.1%	
Window 3 (lower)			0.68	0.88	120.29	0.66	49.1	0.2%	
Window 3 (upper)			0.68	2.31	120.29	0.66	41.8	1.0%	
Window 4 (lower)			0.68	0.8	120.29	0.66	48.4	0.2%	
Window 4 (upper)			0.68	4.43	120.29	0.66	38.9	1.7%	
Total ADF for room	Living/Dining/Kitchen	2.0%						4.3%	Pass
Window 5 (lower)			0.68	0.88	90.67	0.67	43.7	0.2%	
Window 5 (upper)			0.68	2.31	90.67	0.67	39.2	1.2%	
Window 6 (lower)			0.68	0.8	90.67	0.67	47.9	0.2%	
Window 6 (upper)			0.68	4.43	90.67	0.67	39.4	2.4%	
Total ADF for room	Living/Dining	1.5%						4.0%	Pass
Window 7 (lower)			0.68	0.88	90.67	0.67	43.5	0.2%	
Window 7 (upper)			0.68	2.31	90.67	0.67	39.1	1.2%	
Window 8 (lower)			0.68	0.8	90.67	0.67	48.3	0.2%	
Window 8 (upper)			0.68	4.43	90.67	0.67	39.4	2.4%	
Total ADF for room	Living/Dining	1.5%						4.0%	Pass
Window 9 (lower)			0.68	0.88	90.67	0.67	43.4	0.2%	
Window 9 (upper)			0.68	2.31	90.67	0.67	38.5	1.2%	
Window 10 (lower)			0.68	0.8	90.67	0.67	48.1	0.2%	
Window 10 (upper)			0.68	4.43	90.67	0.67	39.0	2.4%	
Total ADF for room	Living/Dining	1.5%						4.0%	Pass
Window 11 (lower)			0.68	0.88	90.67	0.67	43.2	0.2%	
Window 11 (upper)			0.68	2.31	90.67	0.67	38.4	1.2%	
Window 12 (lower)			0.68	0.8	90.67	0.67	48.2	0.2%	
Window 12 (upper)			0.68	4.43	90.67	0.67	39.1	2.4%	
Total ADF for room	Living/Dining	1.5%						4.0%	Pass
Window 13 (lower)			0.68	0.88	101.38	0.65	43.5	0.2%	

**Appendix 2 - Average Daylight Factor (ADF)
Regents Park Estate, Robert Street, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients						Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result	
Window 13 (upper)			0.68	2.31	101.38	0.65	38.5	1.0%		
Window 14 (lower)			0.68	0.8	101.38	0.65	50.7	0.2%		
Window 14 (upper)			0.68	4.43	101.38	0.65	41.1	2.1%		
Window 15 (lower)			0.68	0.92	101.38	0.65	56.2	0.2%		
Window 15 (upper)			0.68	2.42	101.38	0.65	57.8	1.6%		
Total ADF for room	Living/Dining	1.5%						5.3%	Pass	
Window 16 (lower)			0.68	0.79	90.18	0.7	61.9	0.3%		
Window 16 (upper)			0.68	4.39	90.18	0.7	58.6	3.8%		
Total ADF for room	Dining/Kitchen	2.0%						4.1%	Pass	
Window 17 (lower)			0.68	0.79	80.07	0.7	63.5	0.3%		
Window 17 (upper)			0.68	4.39	80.07	0.7	60.1	4.4%		
Total ADF for room	Dining/Kitchen	2.0%						4.7%	Pass	
Window 18 (lower)			0.68	0.79	80.06	0.7	64.2	0.3%		
Window 18 (upper)			0.68	4.39	80.06	0.7	60.8	4.4%		
Total ADF for room	Dining/Kitchen	2.0%						4.7%	Pass	
Window 19 (lower)			0.68	0.79	80.07	0.7	64.0	0.3%		
Window 19 (upper)			0.68	4.39	80.07	0.7	60.7	4.4%		
Total ADF for room	Dining/Kitchen	2.0%						4.7%	Pass	
Window 20 (lower)			0.68	0.79	80.07	0.7	62.6	0.3%		
Window 20 (upper)			0.68	4.39	80.07	0.7	59.4	4.3%		
Total ADF for room	Dining/Kitchen	2.0%						4.6%	Pass	
<u>Proposed Second Floor</u>										
Window 21 (lower)			0.68	0.85	71.18	0.69	67.0	0.4%		
Window 21 (upper)			0.68	1.62	71.18	0.69	68.6	2.0%		
Window 22 (lower)			0.68	0.85	71.18	0.69	64.4	0.4%		
Window 22 (upper)			0.68	1.62	71.18	0.69	65.9	1.9%		
Total ADF for room	Bedroom	1.0%						4.7%	Pass	
Window 23 (lower)			0.68	0.93	156.09	0.69	45.8	0.2%		
Window 23 (upper)			0.68	1.79	156.09	0.69	47.0	0.7%		
Window 24 (lower)			0.68	0.93	156.09	0.69	44.8	0.1%		
Window 24 (upper)			0.68	1.78	156.09	0.69	42.1	0.6%		

**Appendix 2 - Average Daylight Factor (ADF)
 Regents Park Estate, Robert Street, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients						Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result	
Window 25 (lower)			0.68	0.7	156.09	0.69	39.8	0.1%		
Window 25 (upper)			0.68	1.33	156.09	0.69	38.0	0.4%		
Total ADF for room	Living/Dining/Kitchen	2.0%						2.1%	Pass	
Window 26 (lower)			0.68	0.92	48.4	0.7	40.2	0.4%		
Window 26 (upper)			0.68	1.77	48.4	0.7	39.5	1.9%		
Total ADF for room	Bedroom	1.0%						2.3%	Pass	
Window 27 (lower)			0.68	0.7	63.54	0.71	39.0	0.2%		
Window 27 (upper)			0.68	1.33	63.54	0.71	38.1	1.1%		
Total ADF for room	Bedroom	1.0%						1.3%	Pass	
Window 28 (lower)			0.68	0.92	62.76	0.7	40.0	0.3%		
Window 28 (upper)			0.68	1.77	62.76	0.7	39.4	1.5%		
Total ADF for room	Bedroom	1.0%						1.8%	Pass	
Window 29 (lower)			0.68	0.92	62.77	0.7	40.0	0.3%		
Window 29 (upper)			0.68	1.77	62.77	0.7	39.5	1.5%		
Total ADF for room	Bedroom	1.0%						1.8%	Pass	
Window 30 (lower)			0.68	0.92	63.54	0.71	39.7	0.3%		
Window 30 (upper)			0.68	1.77	63.54	0.71	39.4	1.5%		
Total ADF for room	Bedroom	1.0%						1.8%	Pass	
Window 31 (lower)			0.68	0.7	48.4	0.71	39.6	0.3%		
Window 31 (upper)			0.68	1.33	48.4	0.71	39.2	1.5%		
Total ADF for room	Bedroom	1.0%						1.8%	Pass	
Window 32 (lower)			0.68	0.92	48.47	0.7	39.8	0.4%		
Window 32 (upper)			0.68	1.77	48.47	0.7	39.3	1.9%		
Total ADF for room	Bedroom	1.0%						2.3%	Pass	
Window 33 (lower)			0.68	0.7	63.92	0.68	43.2	0.2%		
Window 33 (upper)			0.68	1.33	63.92	0.68	43.0	1.1%		
Window 34 (lower)			0.68	0.93	63.92	0.68	60.2	0.4%		
Window 34 (upper)			0.68	1.78	63.92	0.68	61.5	2.2%		
Total ADF for room	Bedroom	1.0%						4.0%	Pass	
Window 35 (lower)			0.68	0.85	63.98	0.71	70.4	0.5%		
Window 35 (upper)			0.68	1.62	63.98	0.71	72.6	2.5%		

**Appendix 2 - Average Daylight Factor (ADF)
 Regents Park Estate, Robert Street, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients						Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result	
Window 45 (upper)			0.68	1.78	90.62	0.67	50.3	1.2%		
Window 46 (lower)			0.68	0.92	90.62	0.67	44.7	0.2%		
Window 46 (upper)			0.68	1.77	90.62	0.67	45.2	1.1%		
Window 47 (lower)			0.68	0.7	90.62	0.67	39.7	0.2%		
Window 47 (upper)			0.68	1.33	90.62	0.67	40.2	0.7%		
Total ADF for room	Living Room	1.5%						3.6%	Pass	
Window 48 (lower)			0.68	0.92	81.6	0.69	40.2	0.2%		
Window 48 (upper)			0.68	1.77	81.6	0.69	41.0	1.2%		
Window 49 (lower)			0.68	0.7	81.6	0.69	39.0	0.2%		
Window 49 (upper)			0.68	1.33	81.6	0.69	39.7	0.8%		
Total ADF for room	Living Room	1.5%						2.4%	Pass	
Window 50 (lower)			0.68	1.04	81.6	0.7	39.9	0.3%		
Window 50 (upper)			0.68	1.99	81.6	0.7	40.7	1.3%		
Total ADF for room	Living Room	1.5%						1.6%	Pass	
Window 51 (lower)			0.68	1.04	81.6	0.7	39.9	0.3%		
Window 51 (upper)			0.68	1.99	81.6	0.7	40.7	1.3%		
Total ADF for room	Living Room	1.5%						1.6%	Pass	
Window 52 (lower)			0.68	0.92	81.6	0.69	39.7	0.2%		
Window 52 (upper)			0.68	1.77	81.6	0.69	40.4	1.1%		
Window 53 (lower)			0.68	0.7	81.6	0.69	39.5	0.2%		
Window 53 (upper)			0.68	1.33	81.6	0.69	40.2	0.8%		
Total ADF for room	Living Room	1.5%						2.3%	Pass	
Window 54 (lower)			0.68	0.92	90.62	0.67	39.8	0.2%		
Window 54 (upper)			0.68	1.77	90.62	0.67	40.3	1.0%		
Window 55 (lower)			0.68	0.7	90.62	0.67	43.1	0.2%		
Window 55 (upper)			0.68	1.33	90.62	0.67	44.0	0.8%		
Window 56 (lower)			0.68	0.92	90.62	0.67	63.6	0.3%		
Window 56 (upper)			0.68	1.78	90.62	0.67	64.7	1.6%		
Total ADF for room	Living Room	1.5%						4.1%	Pass	
Window 57 (lower)			0.68	0.85	62.25	0.71	76.0	0.6%		
Window 57 (upper)			0.68	1.62	62.25	0.71	77.1	2.7%		
Total ADF for room	Bedroom	1.0%						3.3%	Pass	

**Appendix 2 - Average Daylight Factor (ADF)
Regents Park Estate, Robert Street, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients					Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result
Window 58 (lower)	Bedroom	1.0%	0.68	0.85	49.81	0.71	77.5	0.7%	Pass
Window 58 (upper)			0.68	1.62	49.81	0.71	78.6	3.5%	
Total ADF for room									
Window 59 (lower)	Bedroom	1.0%	0.68	0.85	68.45	0.68	78.4	0.5%	Pass
Window 59 (upper)			0.68	1.62	68.45	0.68	79.4	2.4%	
Window 60 (lower)			0.68	0.85	68.45	0.68	79.0	0.5%	
Window 60 (upper)			0.68	1.62	68.45	0.68	80.0	2.4%	
Total ADF for room								5.8%	
Window 61 (lower)	Bedroom	1.0%	0.68	0.85	71.32	0.68	79.4	0.5%	Pass
Window 61 (upper)			0.68	1.62	71.32	0.68	80.3	2.3%	
Window 62 (lower)			0.68	0.85	71.32	0.68	79.5	0.5%	
Window 62 (upper)			0.68	1.62	71.32	0.68	80.3	2.3%	
Total ADF for room								5.6%	
Window 63 (lower)	Bedroom	1.0%	0.68	0.85	72.43	0.68	79.3	0.5%	Pass
Window 63 (upper)			0.68	1.62	72.43	0.68	80.1	2.3%	
Window 64 (lower)			0.68	0.85	72.43	0.68	78.6	0.5%	
Window 64 (upper)			0.68	1.62	72.43	0.68	79.5	2.3%	
Total ADF for room								5.6%	
Window 65 (lower)	Bedroom	1.0%	0.68	0.85	69.18	0.68	77.8	0.5%	Pass
Window 65 (upper)			0.68	1.62	69.18	0.68	78.6	2.3%	
Window 66 (lower)			0.68	0.85	69.18	0.68	76.7	0.5%	
Window 66 (upper)			0.68	1.62	69.18	0.68	77.5	2.3%	
Total ADF for room								5.6%	
Window 67 (lower)	Bedroom	1.0%	0.68	0.85	49.81	0.71	71.4	0.7%	Pass
Window 67 (upper)			0.68	1.62	49.81	0.71	72.2	3.2%	
Total ADF for room									
<u>Proposed Fourth Floor</u>									
Window 68	Bedroom	1.0%	0.68	3.11	51.91	0.7	56.1	4.5%	Pass
Window 69			0.68	3.13	86.61	0.69	89.4	4.2%	
Window 70 (lower)			0.68	0.88	86.61	0.69	72.4	0.4%	
Window 70 (upper)			0.68	1.68	86.61	0.69	89.2	2.3%	

**Appendix 2 - Average Daylight Factor (ADF)
Regents Park Estate, Robert Street, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients					Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result
Total ADF for room	Dining/Kitchen	2.0%	0.68	3.13	70.99	0.68	89.4	6.9%	Pass
Window 71			0.68	0.88	70.99	0.68	89.4	5.0%	
Window 72 (lower)			0.68	0.88	70.99	0.68	72.4	0.5%	
Window 72 (upper)			0.68	1.68	70.99	0.68	89.2	2.7%	
Total ADF for room	Dining/Kitchen	2.0%	0.68	0.88	70.99	0.68	72.4	8.2%	Pass
Window 73 (lower)			0.68	1.68	70.99	0.68	89.2	0.5%	
Window 73 (upper)			0.68	1.68	70.99	0.68	89.2	2.7%	
Window 74			0.68	3.13	70.99	0.68	89.4	5.0%	
Total ADF for room	Dining/Kitchen	2.0%	0.68	0.88	70.99	0.68	89.4	8.2%	Pass
Window 75			0.68	3.13	70.99	0.68	89.4	5.0%	
Window 76 (lower)			0.68	0.88	70.99	0.68	72.4	0.5%	
Window 76 (upper)			0.68	1.68	70.99	0.68	89.2	2.7%	
Total ADF for room	Dining/Kitchen	2.0%	0.68	0.88	70.99	0.68	89.2	8.2%	Pass
Window 77 (lower)			0.68	0.88	70.99	0.68	72.4	0.5%	
Window 77 (upper)			0.68	1.68	70.99	0.68	89.2	2.7%	
Window 78			0.68	3.13	70.99	0.68	89.4	5.0%	
Total ADF for room	Dining/Kitchen	2.0%	0.68	0.88	86.61	0.69	72.4	8.2%	Pass
Window 79 (lower)			0.68	1.68	86.61	0.69	89.2	0.4%	
Window 79 (upper)			0.68	1.68	86.61	0.69	89.2	2.3%	
Window 80			0.68	3.13	86.61	0.69	89.4	4.2%	
Total ADF for room	Dining/Kitchen	2.0%	0.68	3.11	51.91	0.7	61.6	6.9%	Pass
Window 81	Bedroom	1.0%	0.68	2.71	51.75	0.71	62.7	5.0%	
Window 82	Bedroom	1.0%	0.68	2.71	51.75	0.71	62.7	4.5%	
Window 83	Bedroom	1.0%	0.68	2.71	51.75	0.71	63.1	4.5%	
Window 84	Bedroom	1.0%	0.68	2.71	51.75	0.71	62.9	4.5%	
Window 85	Bedroom	1.0%	0.68	2.71	51.75	0.71	61.3	4.4%	

Appendix 2 - Room Depth Calculation
Regents Park Estate, Robert Street, London NW1 4BX

Room	Room Depth Coefficients				Room Depth Calculation		Result
	L	W	H	Rb	L/W + L/H	2/H-Rb	
<u>Proposed First Floor</u>							
Window 1	3.2	3.8	3.1	0.69	1.87 <=	6.5	Pass
Window 2	5.7	4.5	3.1	0.66	3.11 <=	5.87	Pass
Window 3	4.5	5.7	3.1	0.66	2.24 <=	5.87	Pass
Window 4	4.5	5.7	3.1	0.66	2.24 <=	5.87	Pass
Window 5	3.4	4.9	3.1	0.67	1.79 <=	6.09	Pass
Window 6	3.4	4.9	3.1	0.67	1.79 <=	6.09	Pass
Window 7	3.4	4.9	3.1	0.67	1.79 <=	6.09	Pass
Window 8	3.4	4.9	3.1	0.67	1.79 <=	6.09	Pass
Window 9	3.4	4.9	3.1	0.67	1.79 <=	6.09	Pass
Window 10	3.4	4.9	3.1	0.67	1.79 <=	6.09	Pass
Window 11	3.4	4.9	3.1	0.67	1.79 <=	6.09	Pass
Window 12	3.4	4.9	3.1	0.67	1.79 <=	6.09	Pass
Window 13	3.4	5.7	3.1	0.65	1.69 <=	5.77	Pass
Window 14	3.4	5.7	3.1	0.65	1.69 <=	5.77	Pass
Window 15	5.7	3.4	3.1	0.65	3.52 <=	5.77	Pass
Window 16	5.0	3.5	3.1	0.7	3.04 <=	6.66	Pass
Window 17	5.0	2.7	3.1	0.7	3.46 <=	6.61	Pass
Window 18	5.0	2.7	3.1	0.7	3.46 <=	6.61	Pass
Window 19	5.0	2.7	3.1	0.7	3.46 <=	6.61	Pass
Window 20	5.0	2.7	3.1	0.7	3.46 <=	6.61	Pass
<u>Proposed Second Floor</u>							
Window 21	3.2	4.7	2.5	0.69	1.96 <=	6.43	Pass
Window 22	3.2	4.7	2.5	0.69	1.96 <=	6.43	Pass
Window 23	5.7	6.7	2.5	0.69	3.13 <=	6.49	Pass
Window 24	6.7	5.7	2.5	0.69	3.86 <=	6.49	Pass
Window 25	6.7	5.7	2.5	0.69	3.86 <=	6.49	Pass
Window 26	3.3	2.4	2.5	0.7	2.7 <=	6.77	Pass
Window 27	3.3	3.7	2.5	0.71	2.21 <=	6.98	Pass
Window 28	3.3	3.6	2.5	0.7	2.24 <=	6.77	Pass
Window 29	3.3	3.6	2.5	0.7	2.24 <=	6.77	Pass
Window 30	3.3	3.7	2.5	0.71	2.21 <=	6.81	Pass
Window 31	3.3	2.4	2.5	0.71	2.7 <=	6.99	Pass
Window 32	3.3	2.4	2.5	0.7	2.7 <=	6.77	Pass

Appendix 2 - Room Depth Calculation
Regents Park Estate, Robert Street, London NW1 4BX

Room	Room Depth Coefficients				Room Depth Calculation		Result
	L	W	H	Rb	L/W + L/H	2/H-Rb	
Window 33	3.9	3.2	2.5	0.68	2.78 <=	6.34	Pass
Window 34	3.2	3.9	2.5	0.68	2.1 <=	6.34	Pass
Window 35	3.8	3.2	2.5	0.71	2.71 <=	6.83	Pass
Window 36	3.3	2.4	2.5	0.71	2.7 <=	6.84	Pass
Window 37	3.3	3.6	2.5	0.68	2.24 <=	6.27	Pass
Window 38	3.3	3.7	2.5	0.68	2.21 <=	6.3	Pass
Window 39	3.3	2.4	2.5	0.71	2.7 <=	6.84	Pass
Window 40	3.3	2.4	2.5	0.71	2.7 <=	6.84	Pass
Window 41	3.3	3.7	2.5	0.68	2.21 <=	6.3	Pass
Window 42	3.3	3.6	2.5	0.68	2.24 <=	6.27	Pass
Window 43	3.2	5.1	2.5	0.69	1.91 <=	6.51	Pass
<u>Proposed Third Floor</u>							
Window 44	3.6	3.3	2.5	0.71	2.53 <=	6.83	Pass
Window 45	5.7	3.6	2.5	0.67	3.86 <=	6.07	Pass
Window 46	3.6	5.7	2.5	0.67	2.07 <=	6.07	Pass
Window 47	3.6	5.7	2.5	0.67	2.07 <=	6.07	Pass
Window 48	3.6	4.9	2.5	0.69	2.17 <=	6.44	Pass
Window 49	3.6	4.9	2.5	0.69	2.17 <=	6.44	Pass
Window 50	3.6	4.9	2.5	0.7	2.17 <=	6.74	Pass
Window 51	3.6	4.9	2.5	0.7	2.17 <=	6.74	Pass
Window 52	3.6	4.9	2.5	0.69	2.17 <=	6.44	Pass
Window 53	3.6	4.9	2.5	0.69	2.17 <=	6.44	Pass
Window 54	3.6	5.7	2.5	0.67	2.07 <=	6.07	Pass
Window 55	3.6	5.7	2.5	0.67	2.07 <=	6.07	Pass
Window 56	5.7	3.6	2.5	0.67	3.86 <=	6.07	Pass
Window 57	3.6	3.3	2.5	0.71	2.53 <=	6.83	Pass
Window 58	3.6	2.3	2.5	0.71	3.01 <=	6.86	Pass
Window 59	3.4	3.9	2.5	0.68	2.23 <=	6.29	Pass
Window 60	3.4	3.9	2.5	0.68	2.23 <=	6.29	Pass
Window 61	3.4	4.1	2.5	0.68	2.19 <=	6.31	Pass
Window 62	3.4	4.1	2.5	0.68	2.19 <=	6.31	Pass
Window 63	3.4	4.2	2.5	0.68	2.17 <=	6.32	Pass
Window 64	3.4	4.2	2.5	0.68	2.17 <=	6.32	Pass
Window 65	3.4	4.0	2.5	0.68	2.21 <=	6.3	Pass

Appendix 2 - Room Depth Calculation
Regents Park Estate, Robert Street, London NW1 4BX

Room	Room Depth Coefficients				Room Depth Calculation		Result
	L	W	H	Rb	L/W + L/H	2/l-Rb	
Window 66	3.4	4.0	2.5	0.68	2.21 <=	6.3	Pass
Window 67	3.6	2.3	2.5	0.71	3.01 <=	6.86	Pass
<u>Proposed Fourth Floor</u>							
Window 68	2.5	3.2	2.5	0.7	1.78 <=	6.78	Pass
Window 69	3.1	5.7	2.5	0.69	1.78 <=	6.49	Pass
Window 70	3.1	5.7	2.5	0.69	1.78 <=	6.49	Pass
Window 71	2.5	4.9	2.5	0.68	1.51 <=	6.34	Pass
Window 72	2.5	4.9	2.5	0.68	1.51 <=	6.34	Pass
Window 73	2.5	4.9	2.5	0.68	1.51 <=	6.34	Pass
Window 74	2.5	4.9	2.5	0.68	1.51 <=	6.34	Pass
Window 75	2.5	4.9	2.5	0.68	1.51 <=	6.34	Pass
Window 76	2.5	4.9	2.5	0.68	1.51 <=	6.34	Pass
Window 77	2.5	4.9	2.5	0.68	1.51 <=	6.34	Pass
Window 78	2.5	4.9	2.5	0.68	1.51 <=	6.34	Pass
Window 79	3.1	5.7	2.5	0.69	1.78 <=	6.49	Pass
Window 80	3.1	5.7	2.5	0.69	1.78 <=	6.49	Pass
Window 81	2.5	3.2	2.5	0.7	1.78 <=	6.78	Pass
Window 82	3.3	2.4	2.5	0.71	2.7 <=	6.91	Pass
Window 83	3.3	2.4	2.5	0.71	2.7 <=	6.91	Pass
Window 84	3.3	2.4	2.5	0.71	2.7 <=	6.91	Pass
Window 85	3.3	2.4	2.5	0.71	2.7 <=	6.91	Pass

Appendix 2 - Sunlight to Windows
Regents Park Estate, Robert Street, London NW1 4BX

Reference	Use Class	Annual Probable Sunlight Hours	
		Total	Winter
<u>Proposed First Floor</u>			
Window 2	Living/Dining/Kit	18%	5%
Window 3	Living/Dining/Kit	18%	18%
Window 4	Living/Dining/Kit	19%	19%
Window 5	Living/Dining/Kit	18%	18%
Window 6	Living/Dining/Kit	20%	20%
Window 7	Living/Dining/Kit	16%	16%
Window 8	Living/Dining/Kit	19%	19%
Window 9	Living/Dining/Kit	17%	17%
Window 10	Living/Dining/Kit	19%	19%
Window 11	Living/Dining/Kit	18%	18%
Window 12	Living/Dining/Kit	18%	18%
Window 13	Living/Dining/Kit	18%	18%
Window 14	Living/Dining/Kit	21%	21%
Window 15	Living/Dining/Kit	23%	5%
Window 16	Living/Dining/Kit	0%	0%
Window 17	Living/Dining/Kit	0%	0%
Window 18	Living/Dining/Kit	0%	0%
Window 19	Living/Dining/Kit	0%	0%
Window 20	Living/Dining/Kit	0%	0%
<u>Proposed Second Floor</u>			
Window 23	Living/Dining/Kit	19%	6%
Window 24	Living/Dining/Kit	17%	17%
Window 25	Living/Dining/Kit	14%	14%
<u>Proposed Third Floor</u>			
Window 45	Living/Dining/Kit	19%	6%
Window 46	Living/Dining/Kit	16%	16%
Window 47	Living/Dining/Kit	14%	14%
Window 48	Living/Dining/Kit	14%	14%
Window 49	Living/Dining/Kit	12%	12%
Window 50	Living/Dining/Kit	15%	15%
Window 51	Living/Dining/Kit	15%	15%
Window 52	Living/Dining/Kit	15%	15%

Appendix 2 - Sunlight to Windows
Regents Park Estate , Robert Street, London NW1 4BX

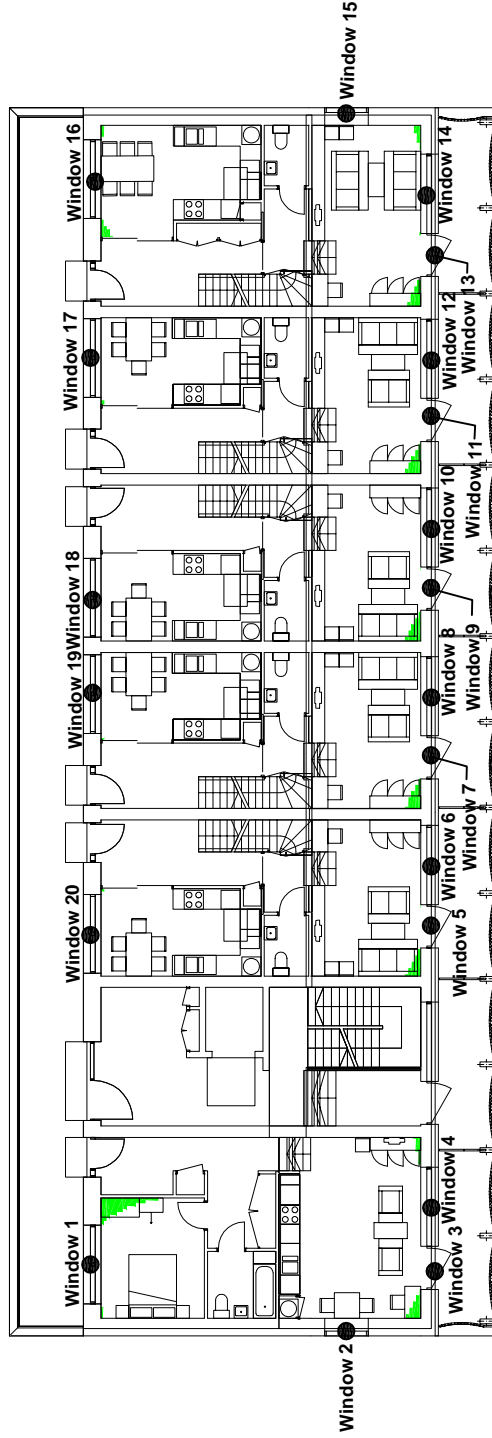
Reference	Use Class	Annual Probable Sunlight Hours	
		Total	Winter
Window 53	Living/Dining/Kit	13%	13%
Window 54	Living/Dining/Kit	15%	15%
Window 55	Living/Dining/Kit	14%	14%
Window 56	Living/Dining/Kit	23%	5%
<u>Proposed Fourth Floor</u>			
Window 69	Living/Dining/Kit	49%	28%
Window 70	Living/Dining/Kit	51%	23%
Window 71	Living/Dining/Kit	49%	28%
Window 72	Living/Dining/Kit	51%	23%
Window 73	Living/Dining/Kit	51%	23%
Window 74	Living/Dining/Kit	49%	28%
Window 75	Living/Dining/Kit	49%	28%
Window 76	Living/Dining/Kit	51%	23%
Window 77	Living/Dining/Kit	51%	23%
Window 78	Living/Dining/Kit	49%	28%
Window 79	Living/Dining/Kit	51%	23%
Window 80	Living/Dining/Kit	49%	28%

APPENDIX 1.3

NO SKY LINE CONTOURS

Appendix 1.3 No Sky Line Contours

Proposed First Floor



Key:

1

Window reference

Area receives no direct sky light
(applied to habitable rooms)

Area does receive direct sky light.

Light aperture.

Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **No Sky Line Contours**

Scale: **Do not scale**

Drawing No: **1 of 4**

Rev. -

Rev

Date

Details of revision



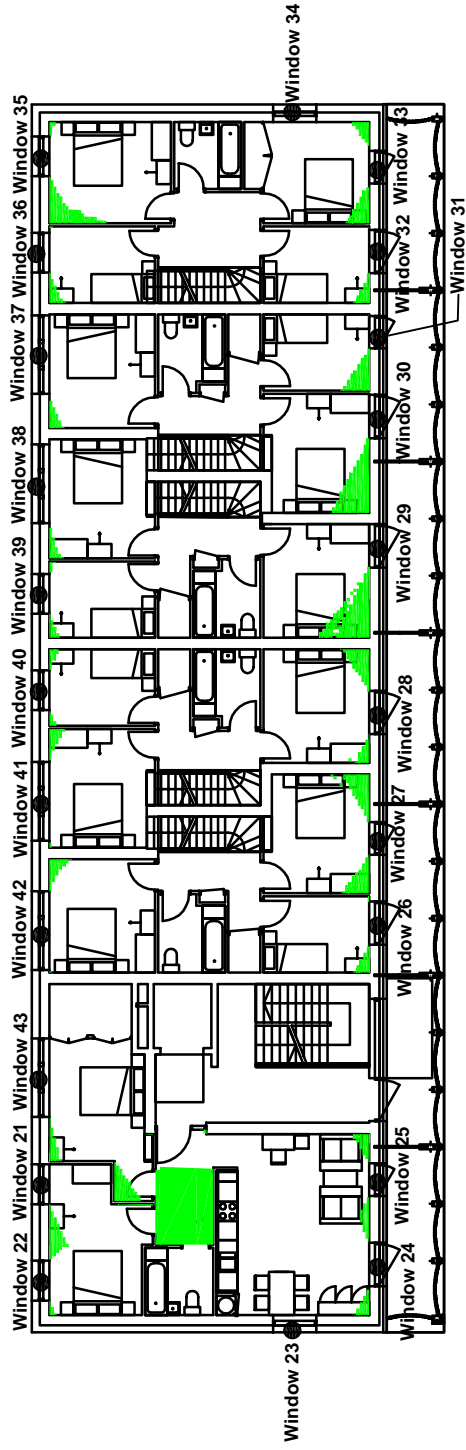
Burley House
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Rayleigh
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Tel. 0800 197 4836

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Appendix 1.3 No Sky Line Contours

Proposed Second Floor



Key:

1

Window reference

Area receives no direct sky light
(applied to habitable rooms)

Area does receive direct sky light.

Light aperture.

Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **No Sky Line Contours**

Scale: **Do not scale**

Drawing No: **2 of 4**

Rev. -

Rev

Date

Details of revision



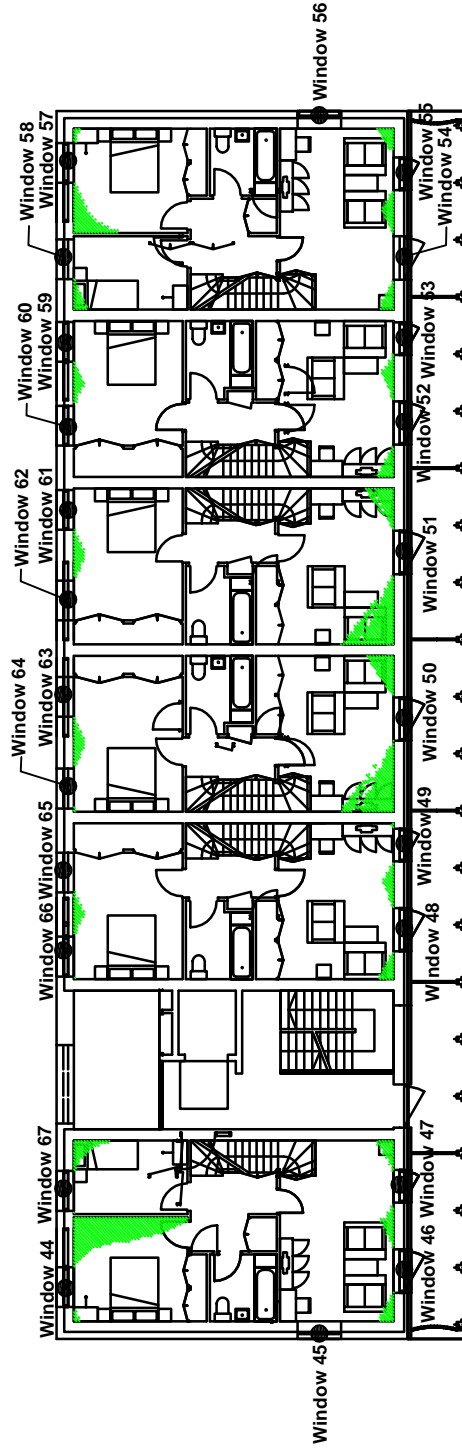
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Appendix 1.3 No Sky Line Contours

Proposed Third Floor



Key:

1

Window reference

Area receives no direct sky light (applied to habitable rooms)

Area does receive direct sky light.

Light aperture.

Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **No Sky Line Contours**

Scale: **Do not scale**

Drawing No: **3 of 4**

Rev. -

Rev

Date

Details of revision



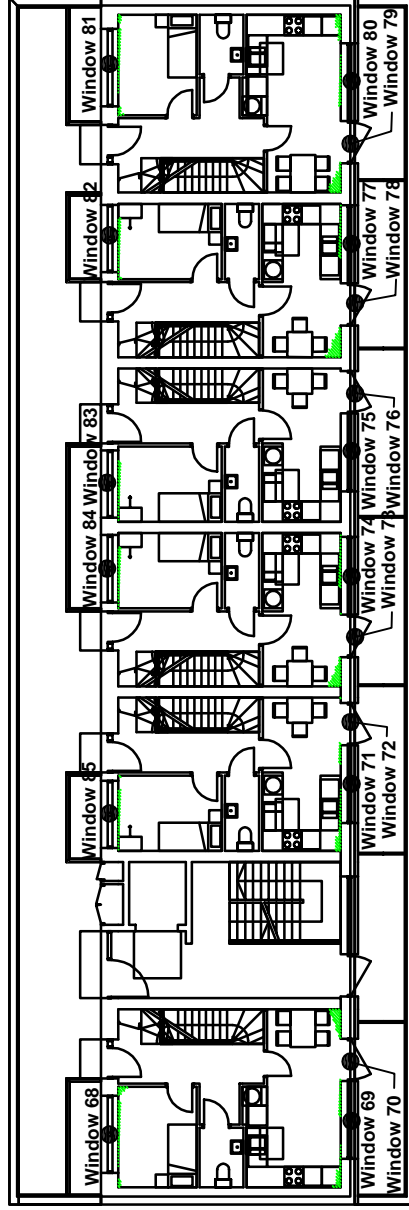
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Appendix 1.3 No Sky Line Contours

Proposed Fourth Floor



Key:

1

Window reference

Area receives no direct sky light
(applied to habitable rooms)

Area does receive direct sky light.

Light aperture.

Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **No Sky Line Contours**

Scale: **Do not scale**

Drawing No: **4 of 4**

Rev. -

Rev

Date

Details of revision



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APPENDIX 2

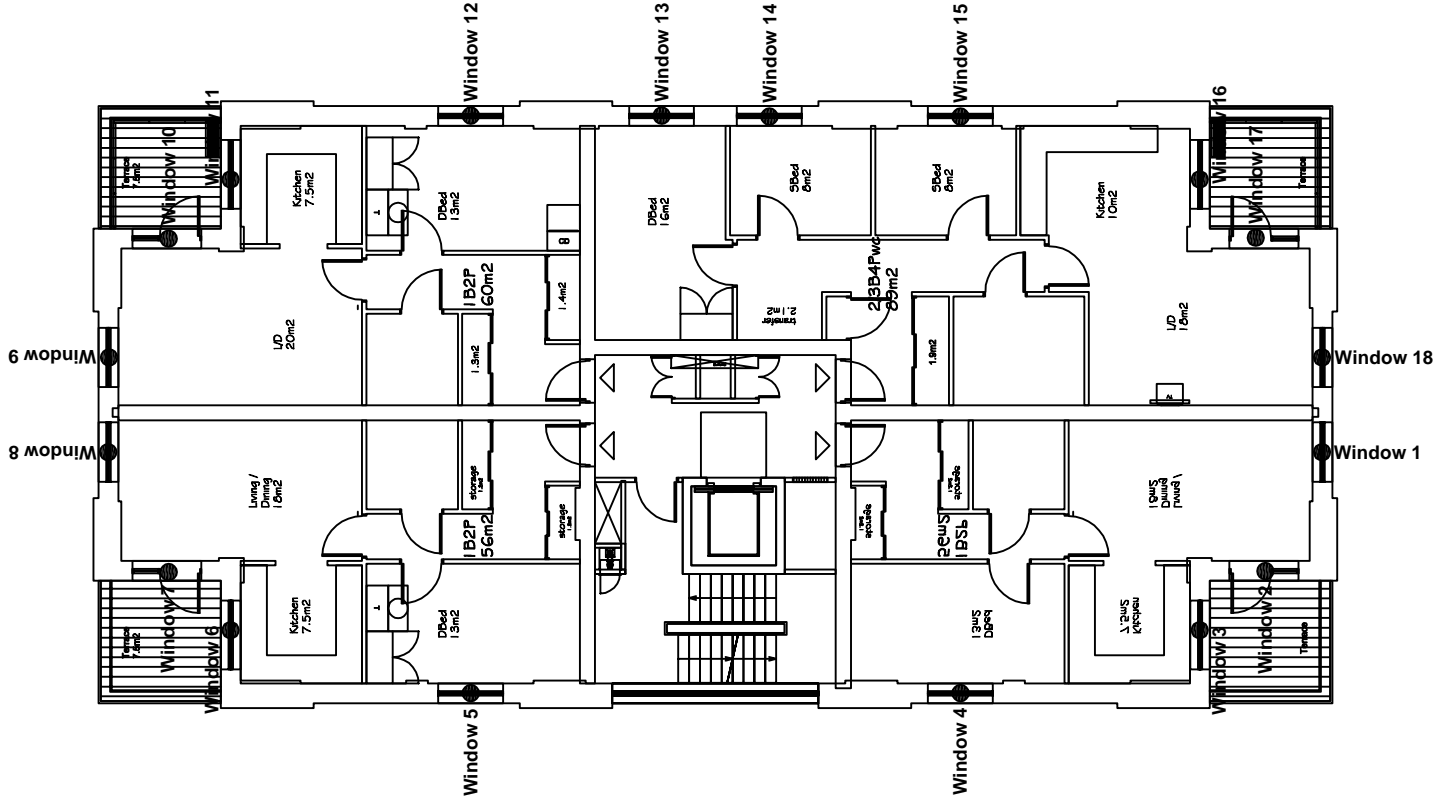
FORMER ONE STOP SHOP

APPENDIX 2.1

WINDOW KEY

Key:

● Window reference



Project Name: Regents Park Estate, London NW1 4BX		
Drawing Title: Window Key		
Scale: Do not scale		
Drawing No: 1 of 6	Rev: -	
Rev	Date	Details of revision



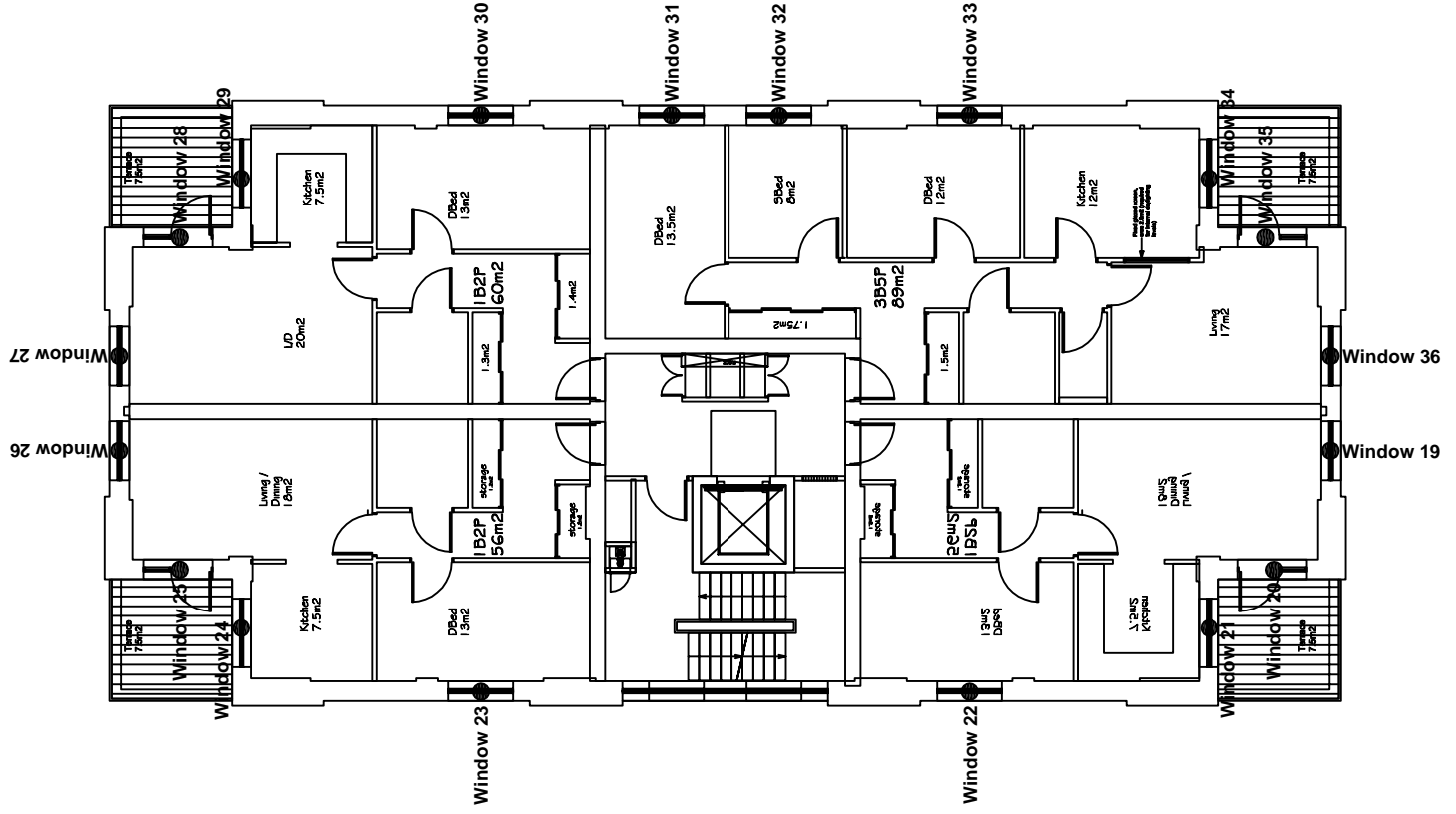
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Chartered Surveyors

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Key:

● Window reference



Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **Window Key**

Scale: **Do not scale**

Drawing No: **2 of 6** Rev. -

Rev	Date	Details of revision



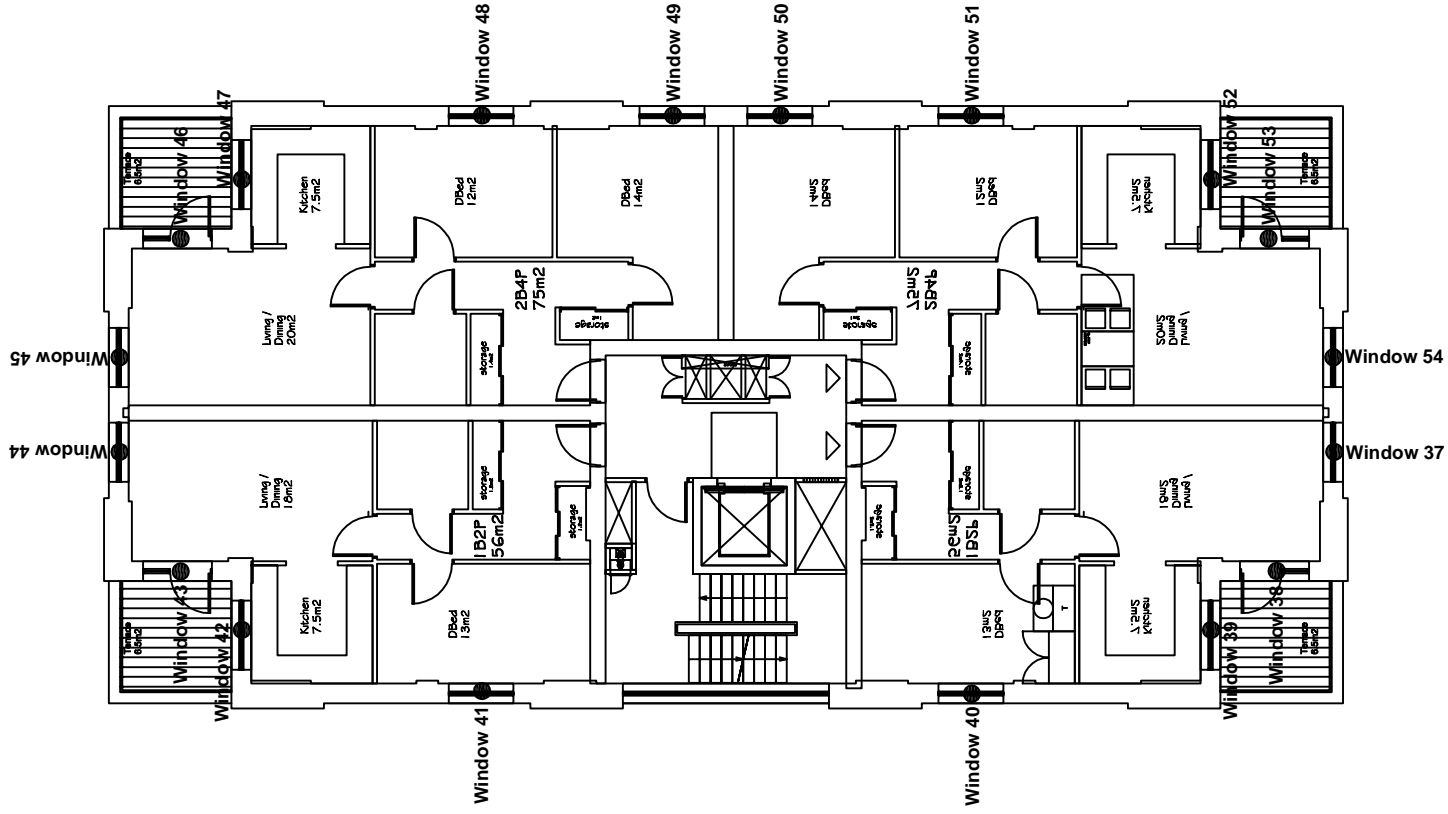
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Key:

- Window reference



Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **Window Key**

Scale: **Do not scale**

Drawing No: **3 of 6**

Rev: -

Rev	Date	Details of revision

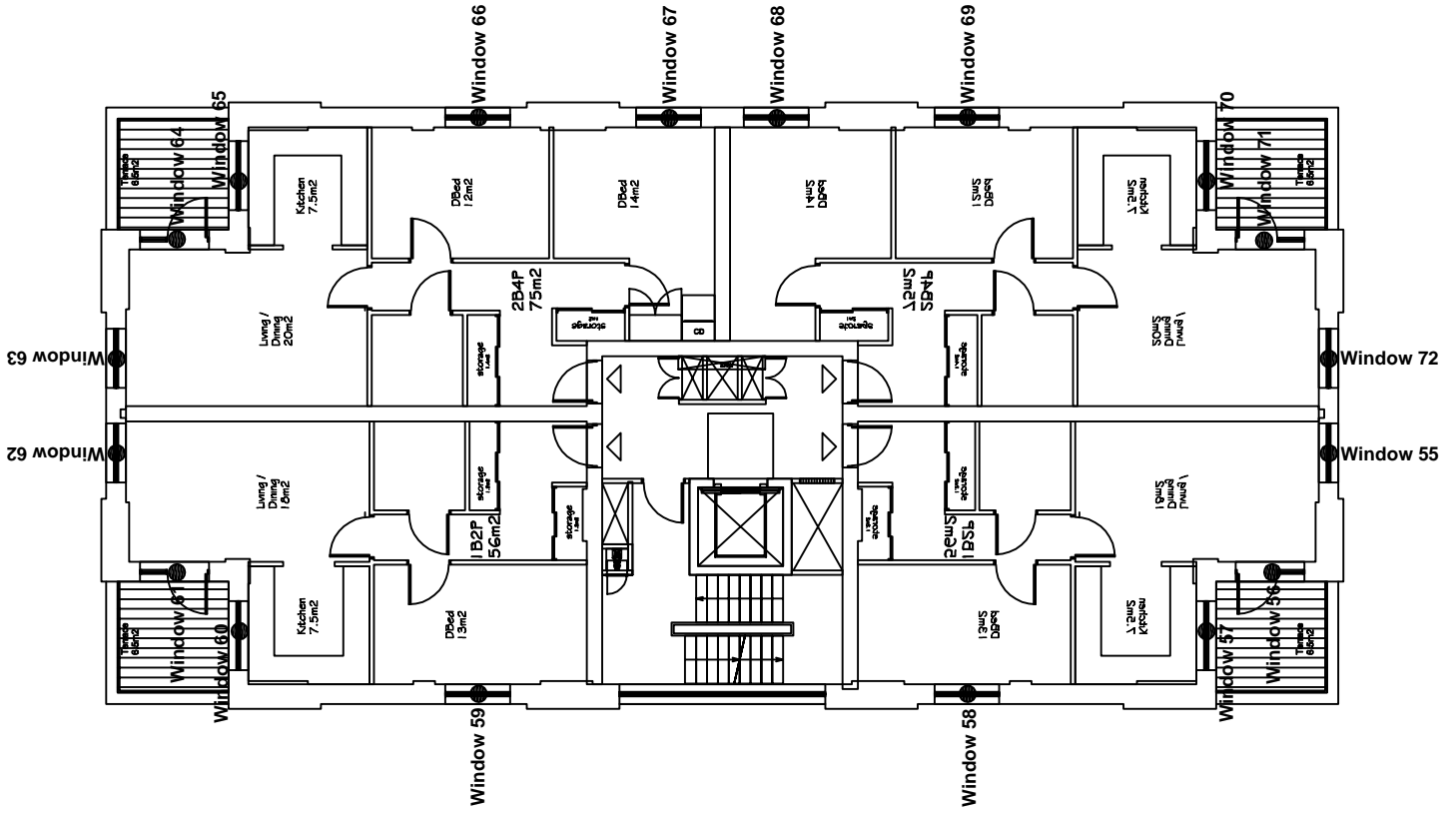


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Key:

● Window reference



Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **Window Key**

Scale: **Do not scale**

Drawing No: **4 of 6**

Rev	Date	Details of revision

Rev. -



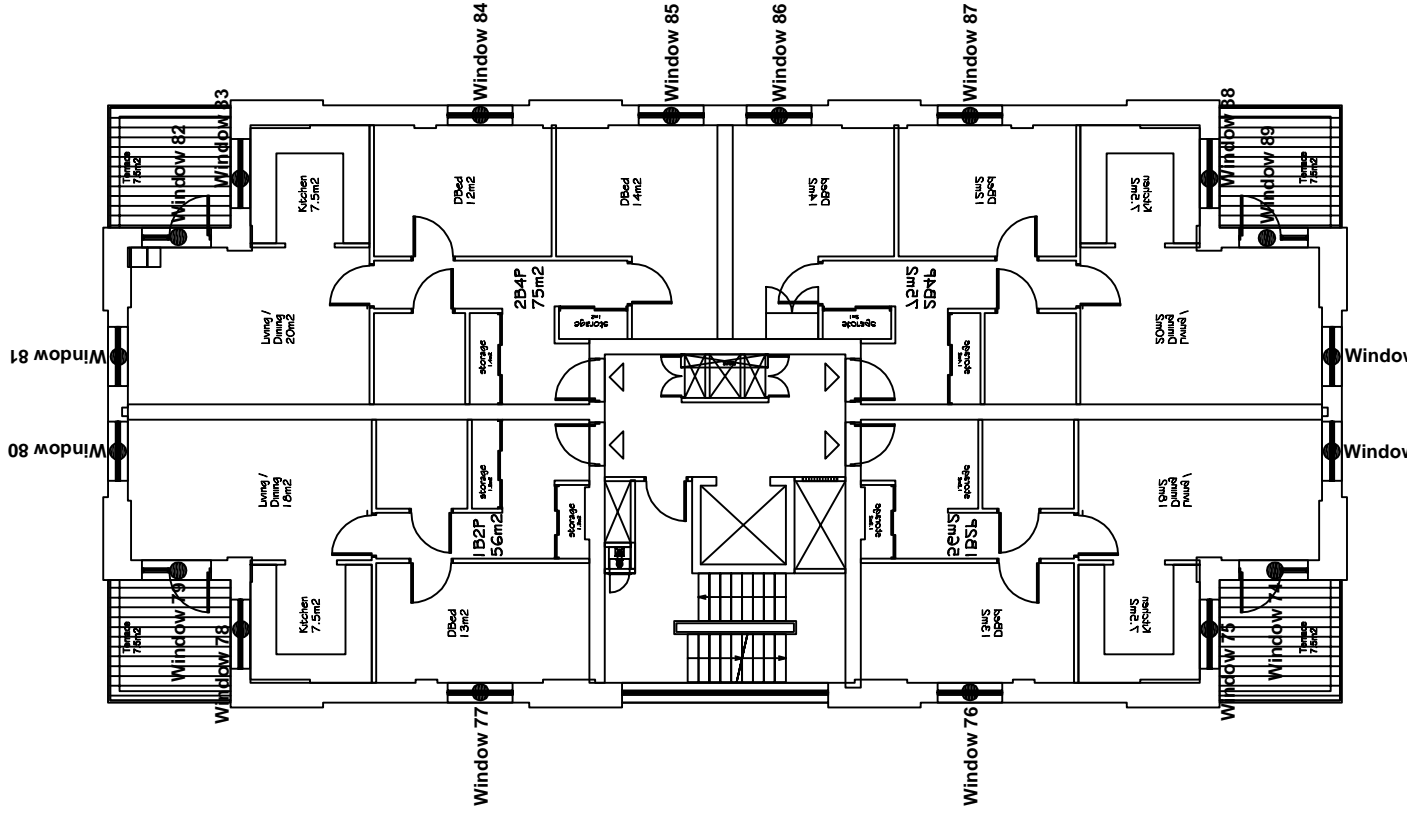
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Key:

● Window reference



Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **Window Key**

Scale: **Do not scale**

Drawing No: **5 of 6**

Rev	Date	Details of revision

Rev. -

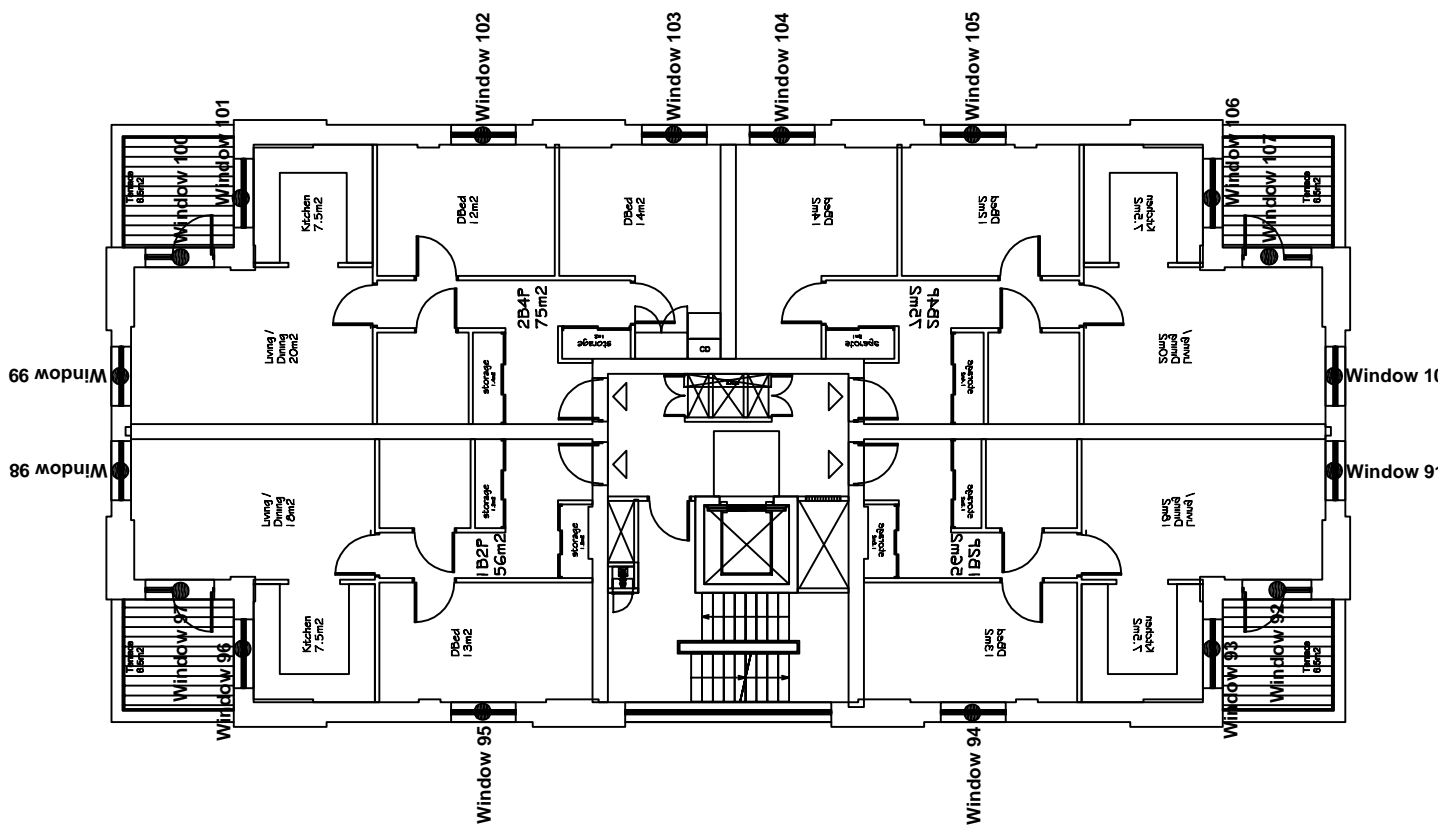
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Key:

● Window reference



Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **Window Key**

Scale: **Do not scale**

Drawing No: **6 of 6**

Rev	Date	Details of revision

Rev. -



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APPENDIX 2.2

DAYLIGHT AND SUNLIGHT CALCULATIONS

Regents Park Estate, London NW1 4BX
Appendix 2.2 - Borrowed Light Calculations

Room / Window Reference	Target ADF based on room use		Average Daylight Factor Coefficients					Actual ADF	
	Primary Room Use	ADF	Ts	Aw	As	R	DFA	ADF	ADF
Kitchen served by window 34	n/a	n/a	0.80	2.90	64.24	0.71	3.6	0.5%	

**Appendix 2 - Average Daylight Factor (ADF)
Regents Park Estate, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients					Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result
<u>Proposed First Floor</u>									
Window 1 (lower)			0.8	0.86	126.97	0.69	67.2	0.3%	
Window 1 (upper)			0.8	1.45	126.97	0.69	68.5	1.2%	
Window 2 (lower)			0.8	1.0	126.97	0.69	26.5	0.1%	
Window 2 (upper)			0.8	1.7	126.97	0.69	18.2	0.4%	
Window 3			0.8	1.46	126.97	0.69	21.5	0.4%	
Total ADF for room	Living/ Dining/Kitchen	2.0%						2.4%	Pass
Window 4 (lower)			0.8	0.94	70.55	0.71	40.6	0.4%	
Window 4 (upper)			0.8	1.59	70.55	0.71	41.5	1.5%	
Total ADF for room	Bedroom	1.0%						1.9%	Pass
Window 5 (lower)			0.8	0.94	70.55	0.71	42.9	0.4%	
Window 5 (upper)			0.8	1.59	70.55	0.71	43.6	1.6%	
Total ADF for room	Bedroom	1.0%						2.0%	Pass
Window 6			0.8	1.46	126.97	0.69	36.5	0.6%	
Window 7 (lower)			0.8	1.0	126.97	0.69	34.6	0.2%	
Window 7 (upper)			0.8	1.7	126.97	0.69	28.0	0.6%	
Window 8 (lower)			0.8	0.86	126.97	0.69	86.5	0.4%	
Window 8 (upper)			0.8	1.45	126.97	0.69	86.5	1.5%	
Total ADF for room	Living/ Dining/Kitchen	2.0%						3.2%	Pass
Window 9 (lower)			0.8	0.86	121.5	0.68	86.5	0.4%	
Window 9 (upper)			0.8	1.45	121.5	0.68	86.4	1.5%	
Window 10 (lower)			0.8	1.0	121.5	0.68	41.2	0.2%	
Window 10 (upper)			0.8	1.7	121.5	0.68	29.1	0.6%	
Window 11			0.8	1.46	121.5	0.68	36.2	0.7%	
Total ADF for room	Living/ Dining/Kitchen	1.5%						3.4%	Pass
Window 12 (lower)			0.8	0.94	72.35	0.71	66.1	0.6%	
Window 12 (upper)			0.8	1.59	72.35	0.71	67.5	2.4%	
Total ADF for room	Bedroom	1.0%						3.0%	Pass
Window 13 (lower)			0.8	0.94	76.28	0.71	66.4	0.5%	
Window 13 (upper)			0.8	1.59	76.28	0.71	67.8	2.3%	
Total ADF for room	Bedroom	1.0%						2.8%	Pass

**Appendix 2 - Average Daylight Factor (ADF)
Regents Park Estate, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients						Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result	
Window 14 (lower)			0.8	0.94	49.06	0.71	66.7	0.8%		
Window 14 (upper)			0.8	1.59	49.06	0.71	68.1	3.5%		
Total ADF for room	Bedroom	1.0%						4.3%	Pass	
Window 15 (lower)			0.8	0.94	49.06	0.71	67.2	0.8%		
Window 15 (upper)			0.8	1.59	49.06	0.71	68.7	3.5%		
Total ADF for room	Bedroom	1.0%						4.3%	Pass	
Window 16			0.8	1.46	135.2	0.69	30.2	0.5%		
Window 17 (lower)			0.8	1.08	135.2	0.69	41.7	0.2%		
Window 17 (upper)			0.8	1.71	135.2	0.69	29.2	0.6%		
Window 18 (lower)			0.8	0.86	135.2	0.69	68.1	0.3%		
Window 18 (upper)			0.8	1.45	135.2	0.69	69.5	1.1%		
Total ADF for room	Living/ Dining/Kitchen	2.0%						2.7%	Pass	
<u>Proposed Second Floor</u>										
Window 19 (lower)			0.8	0.86	126.97	0.69	71.7	0.3%		
Window 19 (upper)			0.8	1.45	126.97	0.69	73.1	1.3%		
Window 20 (lower)			0.8	1.0	126.97	0.69	26.1	0.1%		
Window 20 (upper)			0.8	1.7	126.97	0.69	15.1	0.3%		
Window 21			0.8	1.46	126.97	0.69	15.9	0.3%		
Total ADF for room	Living/ Dining/Kitchen	2.0%						2.3%	Pass	
Window 22 (lower)			0.8	0.94	70.55	0.71	43.7	0.4%		
Window 22 (upper)			0.8	1.59	70.55	0.71	44.7	1.6%		
Total ADF for room	Bedroom	1.0%						2.0%	Pass	
Window 23 (lower)			0.8	0.94	70.55	0.71	45.4	0.4%		
Window 23 (upper)			0.8	1.59	70.55	0.71	46.2	1.7%		
Total ADF for room	Bedroom	1.0%						2.1%	Pass	
Window 24			0.8	1.46	126.97	0.69	29.0	0.5%		
Window 25 (lower)			0.8	1.0	126.97	0.69	32.7	0.2%		
Window 25 (upper)			0.8	1.7	126.97	0.69	24.0	0.5%		
Window 26 (lower)			0.8	0.86	126.97	0.69	86.9	0.4%		
Window 26 (upper)			0.8	1.45	126.97	0.69	86.9	1.5%		
Total ADF for room	Living/ Dining/Kitchen	2.0%						3.0%	Pass	
Window 27 (lower)			0.8	0.86	133.84	0.69	86.9	0.4%		

**Appendix 2 - Average Daylight Factor (ADF)
Regents Park Estate, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients						Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result	
Window 27 (upper)			0.8	1.45	133.84	0.69	86.9	1.4%		
Window 28 (lower)			0.8	1.0	133.84	0.69	39.2	0.2%		
Window 28 (upper)			0.8	1.7	133.84	0.69	24.5	0.5%		
Window 29			0.8	1.46	133.84	0.69	28.3	0.5%		
Total ADF for room	Living/ Dining/Kitchen	2.0%						3.0%	Pass	
Window 30 (lower)			0.8	0.94	72.35	0.71	70.6	0.6%		
Window 30 (upper)			0.8	1.59	72.35	0.71	72.1	2.5%		
Total ADF for room	Bedroom	1.0%						3.1%	Pass	
Window 31 (lower)			0.8	0.94	70.72	0.71	71.0	0.6%		
Window 31 (upper)			0.8	1.59	70.72	0.71	72.5	2.6%		
Total ADF for room	Bedroom	1.0%						3.2%	Pass	
Window 32 (lower)			0.8	0.94	47.96	0.71	71.4	0.9%		
Window 32 (upper)			0.8	1.59	47.96	0.71	72.8	3.8%		
Total ADF for room	Bedroom	1.0%						4.7%	Pass	
Window 33 (lower)			0.8	0.94	64.51	0.71	72.0	0.7%		
Window 33 (upper)			0.8	1.59	64.51	0.71	73.5	2.9%		
Total ADF for room	Bedroom	1.0%						3.6%	Pass	
Window 34 (lower)			0.68	1.0	64.24	0.71	39.0	0.3%		
Window 34 (upper)			0.68	1.69	64.24	0.71	33.5	1.2%		
			(Borrowed Light From Living Room)						0.5%	
Total ADF for room	Kitchen	2.0%						2.0%	Pass	
Window 35 (lower)			0.8	1.08	81.38	0.69	40.2	0.3%		
Window 35 (upper)			0.8	1.71	81.38	0.69	24.7	0.8%		
Window 36 (lower)			0.8	0.86	81.38	0.69	72.6	0.5%		
Window 36 (upper)			0.8	1.45	81.38	0.69	73.9	2.0%		
Total ADF for room	Living Room	1.5%						3.6%	Pass	
<u>Proposed Third Floor</u>										
Window 37 (lower)			0.8	0.86	126.97	0.69	76.1	0.3%		
Window 37 (upper)			0.8	1.45	126.97	0.69	77.4	1.4%		
Window 38 (lower)			0.8	1.0	126.97	0.69	30.8	0.2%		
Window 38 (upper)			0.8	1.7	126.97	0.69	23.7	0.5%		
Window 39			0.8	1.46	126.97	0.69	29.8	0.5%		
Total ADF for room	Living/ Dining/Kitchen	2.0%						2.9%	Pass	
Window 40 (lower)			0.8	0.94	70.55	0.71	47.3	0.4%		

**Appendix 2 - Average Daylight Factor (ADF)
Regents Park Estate, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients						Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result	
Window 40 (upper)	Bedroom	1.0%	0.8	1.59	70.55	0.71	48.5	1.8%	Pass	
Total ADF for room			0.8	0.94	70.55	0.71	48.5	2.2%		
Window 41 (lower)	Bedroom	1.0%	0.8	1.59	70.55	0.71	49.6	1.8%	Pass	
Total ADF for room			0.8	1.46	126.97	0.69	36.5	0.6%		
Window 42	Bedroom	1.0%	0.8	1.46	126.97	0.69	34.6	0.2%	0.6%	
Window 43 (lower)			0.8	1.0	126.97	0.69	28.0	0.6%		
Window 43 (upper)	Bedroom	1.0%	0.8	1.7	126.97	0.69	87.4	0.4%	1.5%	
Window 44 (lower)			0.8	0.86	126.97	0.69	87.3	3.2%		
Window 44 (upper)	Living/ Dining/Kitchen	2.0%	0.8	1.45	126.97	0.69	87.3	0.4%	Pass	
Total ADF for room			0.8	0.86	133.84	0.69	87.4	1.5%		
Window 45 (lower)	Living/ Dining/Kitchen	2.0%	0.8	0.86	133.84	0.69	87.4	0.2%	0.7%	
Window 45 (upper)			0.8	1.45	133.84	0.69	46.6	0.6%		
Window 46 (lower)	Living/ Dining/Kitchen	2.0%	0.8	1.0	133.84	0.69	35.0	0.6%	Pass	
Window 46 (upper)			0.8	1.7	133.84	0.69	37.4	3.4%		
Window 47	Living/ Dining/Kitchen	2.0%	0.8	1.46	133.84	0.69	37.4	0.6%	0.6%	
Total ADF for room			0.8	0.94	72.35	0.71	75.4	2.7%		
Window 48 (lower)	Bedroom	1.0%	0.8	0.94	72.35	0.71	76.9	3.3%	Pass	
Window 48 (upper)			0.8	1.59	72.35	0.71	75.7	2.8%		
Total ADF for room	0.8	0.94	70.72	0.71	77.2	3.4%	Pass			
Window 49 (lower)	Bedroom	1.0%	0.8	0.94	70.72	0.71		77.2	1.0%	
Window 49 (upper)			0.8	1.59	70.72	0.71	76.0	4.0%		
Total ADF for room	0.8	0.94	48.51	0.71	77.4	5.0%	Pass			
Window 50 (lower)	Bedroom	1.0%	0.8	0.94	48.51	0.71		77.4	0.7%	
Window 50 (upper)			0.8	1.59	48.51	0.71	77.8	3.1%		
Total ADF for room	0.8	0.94	64.51	0.71	76.5	3.8%	Pass			
Window 51 (lower)	Bedroom	1.0%	0.8	0.94	64.51	0.71		76.5	0.6%	
Window 51 (upper)			0.8	1.59	64.51	0.71	34.3	0.2%		
Total ADF for room	0.8	1.46	146.41	0.72	47.1	0.2%	Pass			
Window 52	Bedroom	1.0%	0.8	1.46	146.41	0.72		47.1	0.6%	
Window 53 (lower)			0.8	1.08	146.41	0.71	47.1	0.2%		

**Appendix 2 - Average Daylight Factor (ADF)
Regents Park Estate, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients						Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result	
Window 67 (lower)			0.8	0.94	78.81	0.71	80.5	0.6%		
Window 67 (upper)			0.8	1.59	78.81	0.71	81.8	2.7%		
Total ADF for room	Bedroom	1.0%						3.3%	Pass	
Window 68 (lower)			0.8	0.94	78.98	0.71	80.6	0.6%		
Window 68 (upper)			0.8	1.59	78.98	0.71	81.9	2.7%		
Total ADF for room	Bedroom	1.0%						3.3%	Pass	
Window 69 (lower)			0.8	0.94	65.32	0.71	80.8	0.8%		
Window 69 (upper)			0.8	1.59	65.32	0.71	82.1	3.2%		
Total ADF for room	Bedroom	1.0%						4.0%	Pass	
Window 72 (lower)			0.8	0.86	132.99	0.69	80.9	0.3%		
Window 72 (upper)			0.8	1.45	132.99	0.69	82.1	1.4%		
Window 71 (lower)			0.68	1.08	132.99	0.69	44.7	0.2%		
Window 71 (upper)			0.68	1.71	132.99	0.69	29.5	0.5%		
Window 70			0.68	1.46	132.99	0.69	27.4	0.4%		
Total ADF for room	Kitchen	2.0%						2.8%	Pass	
<u>Proposed Fifth Floor</u>										
Window 73 (lower)			0.8	0.86	126.97	0.69	84.8	0.4%		
Window 73 (upper)			0.8	1.45	126.97	0.69	86.0	1.5%		
Window 74 (lower)			0.8	1.0	126.97	0.69	38.7	0.2%		
Window 74 (upper)			0.8	1.7	126.97	0.69	27.9	0.6%		
Window 75			0.8	1.46	126.97	0.69	37.1	0.7%		
Total ADF for room	Living/ Dining/Kitchen	2.0%						3.4%	Pass	
Window 76 (lower)			0.8	0.94	70.55	0.71	56.7	0.5%		
Window 76 (upper)			0.8	1.59	70.55	0.71	58.5	2.1%		
Total ADF for room	Bedroom	1.0%						2.6%	Pass	
Window 77 (lower)			0.8	0.94	70.55	0.71	57.1	0.5%		
Window 77 (upper)			0.8	1.59	70.55	0.71	58.8	2.1%		
Total ADF for room	Bedroom	1.0%						2.6%	Pass	
Window 78			0.8	1.46	126.92	0.69	37.2	0.7%		
Window 79 (lower)			0.8	1.0	126.92	0.69	39.1	0.2%		
Window 79 (upper)			0.8	1.7	126.92	0.69	28.0	0.6%		

**Appendix 2 - Average Daylight Factor (ADF)
Regents Park Estate, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients						Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result	
Window 80 (lower)			0.8	0.86	126.92	0.69	88.3	0.4%		
Window 80 (upper)			0.8	1.45	126.92	0.69	88.2	1.6%		
Total ADF for room	Living/ Dining/Kitchen	2.0%						3.5%	Pass	
Window 81 (lower)			0.8	0.86	132.38	0.69	88.4	0.4%		
Window 81 (upper)			0.8	1.45	132.38	0.69	88.3	1.5%		
Window 82 (lower)			0.8	1.0	132.38	0.69	51.4	0.2%		
Window 82 (upper)			0.8	1.7	132.38	0.69	39.9	0.8%		
Window 83			0.8	1.46	132.38	0.69	38.5	0.7%		
Total ADF for room	Living/ Dining/Kitchen	2.0%						3.6%	Pass	
Window 84 (lower)			0.8	0.94	65.08	0.71	84.9	0.8%		
Window 84 (upper)			0.8	1.59	65.08	0.71	85.9	3.3%		
Total ADF for room	Bedroom	1.0%						4.1%	Pass	
Window 85 (lower)			0.8	0.94	78.98	0.71	84.8	0.6%		
Window 85 (upper)			0.8	1.59	78.98	0.71	85.8	2.8%		
Total ADF for room	Bedroom	1.0%						3.4%	Pass	
Window 86 (lower)			0.8	0.94	78.98	0.71	84.8	0.6%		
Window 86 (upper)			0.8	1.59	78.98	0.71	85.7	2.8%		
Total ADF for room	Bedroom	1.0%						3.4%	Pass	
Window 87 (lower)			0.8	0.94	65.08	0.71	84.8	0.8%		
Window 87 (upper)			0.8	1.59	65.08	0.71	85.6	3.3%		
Total ADF for room	Bedroom	1.0%						4.1%	Pass	
Window 88			0.8	1.46	132.39	0.69	37.5	0.6%		
Window 89 (lower)			0.8	1.08	132.39	0.69	50.8	0.2%		
Window 89 (upper)			0.8	1.71	132.39	0.69	38.9	0.8%		
Window 90 (lower)			0.8	0.86	132.39	0.69	85.0	0.3%		
Window 90 (upper)			0.8	1.45	132.39	0.69	86.1	1.4%		
Total ADF for room	Living/ Dining/Kitchen	2.0%						3.4%	Pass	
<u>Proposed Sixth Floor</u>										
Window 91 (lower)			0.8	0.86	126.97	0.69	87.7	0.4%		
Window 91 (upper)			0.8	1.45	126.97	0.69	88.0	1.5%		
Window 92 (lower)			0.8	1.0	126.97	0.69	37.8	0.2%		

**Appendix 2 - Average Daylight Factor (ADF)
Regents Park Estate, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients						Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result	
Window 92 (upper)			0.8	1.7	126.97	0.69	25.1	0.5%		
Window 93			0.8	1.46	126.97	0.69	30.5	0.5%		
Total ADF for room	Living/ Dining/Kitchen	2.0%						3.1%	Pass	
Window 94 (lower)			0.8	0.94	70.55	0.71	62.6	0.5%		
Window 94 (upper)			0.8	1.59	70.55	0.71	64.6	2.3%		
Total ADF for room	Bedroom	1.0%						2.8%	Pass	
Window 95 (lower)			0.8	0.94	70.55	0.71	62.8	0.5%		
Window 95 (upper)			0.8	1.59	70.55	0.71	64.8	2.3%		
Total ADF for room	Bedroom	1.0%						2.8%	Pass	
Window 96			0.8	1.46	126.92	0.69	30.5	0.5%		
Window 97 (lower)			0.8	1.0	126.92	0.69	38.0	0.2%		
Window 97 (upper)			0.8	1.7	126.92	0.69	24.7	0.5%		
Window 98 (lower)			0.8	0.86	126.92	0.69	88.7	0.4%		
Window 98 (upper)			0.8	1.45	126.92	0.69	88.6	1.6%		
Total ADF for room	Living/ Dining/Kitchen	2.0%						3.2%	Pass	
Window 99 (lower)			0.8	0.86	132.38	0.69	88.8	0.4%		
Window 99 (upper)			0.8	1.45	132.38	0.69	88.7	1.5%		
Window 100 (lower)			0.8	1.0	132.38	0.69	48.7	0.2%		
Window 100 (upper)			0.8	1.71	132.38	0.69	34.6	0.7%		
Window 101			0.8	1.46	132.38	0.69	31.9	0.5%		
Total ADF for room	Living/ Dining/Kitchen	2.0%						3.3%	Pass	
Window 102 (lower)			0.8	0.94	65.08	0.71	87.9	0.8%		
Window 102 (upper)			0.8	1.59	65.08	0.71	88.4	3.4%		
Total ADF for room	Bedroom	1.0%						4.2%	Pass	
Window 103 (lower)			0.8	0.94	78.98	0.71	87.8	0.7%		
Window 103 (upper)			0.8	1.59	78.98	0.71	88.3	2.9%		
Total ADF for room	Bedroom	1.0%						3.6%	Pass	
Window 104 (lower)			0.8	0.94	78.98	0.71	87.7	0.7%		
Window 104 (upper)			0.8	1.59	78.98	0.71	88.2	2.9%		
Total ADF for room	Bedroom	1.0%						3.6%	Pass	
Window 105 (lower)			0.8	0.94	65.08	0.71	87.6	0.8%		

**Appendix 2 - Average Daylight Factor (ADF)
Regents Park Estate, London NW1 4BX**

Reference	Target ADF based on room use	Average Daylight Factor Coefficients					Actual ADF	
	Primary room use	T	Aw	A	R	Theta	ADF	Result
Window 105 (upper)		0.8	1.59	65.08	0.71	88.1	3.4%	
Total ADF for room	Bedroom						4.2%	Pass
Window 106		0.8	1.46	132.39	0.69	31.3	0.5%	
Window 107 (lower)		0.8	1.08	132.39	0.69	48.3	0.2%	
Window 107 (upper)		0.8	1.71	132.39	0.69	34.0	0.7%	
Window 108 (lower)		0.8	0.86	132.39	0.69	87.8	0.4%	
Window 108 (upper)		0.8	1.45	132.39	0.69	88.0	1.5%	
Total ADF for room	Living/ Dining/Kitchen						3.3%	Pass

Appendix 2 - Room Depth Calculation
Regents Park Estate, London NW1 4BX

Room	Room Depth Coefficients				Room Depth Calculation		Result
	L	W	H	Rb	L/W + L/H	2/H-Rb	
<u>Proposed First Floor</u>							
Window 1	5.6	6.0	2.2	0.69	3.48 <=	6.54	Pass
Window 2	3.2	5.6	2.2	0.69	2.03 <=	6.54	Pass
Window 3	2.8	6.0	2.3	0.69	1.68 <=	6.54	Pass
Window 4	2.7	4.9	2.2	0.71	1.78 <=	6.86	Pass
Window 5	2.7	4.9	2.2	0.71	1.78 <=	6.86	Pass
Window 6	2.8	6.0	2.3	0.69	1.68 <=	6.54	Pass
Window 7	3.2	5.6	2.2	0.69	2.03 <=	6.54	Pass
Window 8	5.6	6.0	2.2	0.68	3.42 <=	6.31	Pass
Window 9	5.6	6.4	2.2	0.68	3.42 <=	6.31	Pass
Window 10	3.6	5.6	2.2	0.68	2.28 <=	6.31	Pass
Window 11	2.8	6.4	2.3	0.68	1.65 <=	6.31	Pass
Window 12	2.9	4.9	2.2	0.71	1.91 <=	6.85	Pass
Window 13	4.9	3.2	2.2	0.71	3.76 <=	6.85	Pass
Window 14	2.5	3.2	2.2	0.71	1.92 <=	6.81	Pass
Window 15	2.5	3.2	2.2	0.71	1.92 <=	6.81	Pass
Window 16	3.9	6.4	2.3	0.69	2.31 <=	6.42	Pass
Window 17	3.6	6.1	2.2	0.69	2.23 <=	6.42	Pass
Window 18	6.1	6.4	2.2	0.69	3.73 <=	6.42	Pass
<u>Proposed Second Floor</u>							
Window 19	5.6	6.0	2.2	0.69	3.48 <=	6.54	Pass
Window 20	3.2	5.6	2.2	0.69	2.03 <=	6.54	Pass
Window 21	2.8	6.0	2.3	0.69	1.68 <=	6.54	Pass
Window 22	2.7	4.9	2.2	0.71	1.78 <=	6.86	Pass
Window 23	2.7	4.9	2.2	0.71	1.78 <=	6.86	Pass
Window 24	2.8	6.0	2.3	0.69	1.68 <=	6.54	Pass
Window 25	3.2	5.6	2.2	0.69	2.03 <=	6.54	Pass
Window 26	5.6	6.0	2.2	0.69	3.48 <=	6.54	Pass
Window 27	5.6	6.4	2.2	0.69	3.42 <=	6.54	Pass
Window 28	3.6	5.6	2.2	0.69	2.28 <=	6.54	Pass
Window 29	2.8	6.4	2.3	0.69	1.65 <=	6.54	Pass
Window 30	2.9	4.9	2.2	0.71	1.91 <=	6.85	Pass
Window 31	4.9	2.7	2.2	0.71	4.04 <=	6.86	Pass
Window 32	3.0	2.6	2.2	0.71	2.52 <=	6.8	Pass

Appendix 2 - Room Depth Calculation
Regents Park Estate, London NW1 4BX

Room	Room Depth Coefficients				Room Depth Calculation		Result
	L	W	H	Rb	L/W + L/H	2/H-Rb	
Window 33	3.1	4.0	2.2	0.71	2.18 <=	6.82	Pass
Window 34	4.0	3.1	2.3	0.71	3.03 <=	6.9	Pass
Window 35	3.6	4.8	2.2	0.69	2.39 <=	6.36	Pass
Window 36	4.8	3.6	2.2	0.69	3.52 <=	6.36	Pass
<u>Proposed Third Floor</u>							
Window 37	5.6	6.0	2.2	0.69	3.48 <=	6.54	Pass
Window 38	3.2	5.6	2.2	0.69	2.03 <=	6.54	Pass
Window 39	2.8	6.0	2.3	0.69	1.68 <=	6.54	Pass
Window 40	2.7	4.9	2.2	0.71	1.78 <=	6.86	Pass
Window 41	2.7	4.9	2.2	0.71	1.78 <=	6.86	Pass
Window 42	2.8	6.0	2.3	0.69	1.68 <=	6.54	Pass
Window 43	3.2	5.6	2.2	0.69	2.03 <=	6.54	Pass
Window 44	5.6	6.0	2.2	0.69	3.48 <=	6.54	Pass
Window 45	5.6	6.4	2.2	0.69	3.42 <=	6.54	Pass
Window 46	3.6	5.6	2.2	0.69	2.28 <=	6.54	Pass
Window 47	2.8	6.4	2.3	0.69	1.65 <=	6.54	Pass
Window 48	2.9	4.9	2.2	0.71	1.91 <=	6.85	Pass
Window 49	4.9	2.7	2.2	0.71	4.04 <=	6.86	Pass
Window 50	3.1	2.6	2.2	0.71	2.6 <=	6.81	Pass
Window 51	3.1	4.0	2.2	0.71	2.18 <=	6.82	Pass
Window 52	4.0	3.1	2.3	0.72	3.03 <=	7.24	Pass
Window 53	3.6	4.8	2.2	0.71	2.39 <=	6.82	Pass
Window 54	4.8	3.6	2.2	0.71	3.52 <=	6.82	Pass
<u>Proposed Fourth Floor</u>							
Window 55	5.6	6.0	2.2	0.69	3.48 <=	6.54	Pass
Window 56	3.2	5.6	2.2	0.69	2.03 <=	6.54	Pass
Window 57	2.8	6.0	2.3	0.69	1.68 <=	6.54	Pass
Window 58	2.7	4.9	2.2	0.71	1.78 <=	6.86	Pass
Window 59	2.7	4.9	2.2	0.71	1.78 <=	6.86	Pass
Window 60	2.8	6.0	2.3	0.69	1.68 <=	6.54	Pass
Window 61	3.2	5.6	2.2	0.69	2.03 <=	6.54	Pass
Window 62	5.6	6.0	2.2	0.69	3.48 <=	6.54	Pass
Window 63	5.6	6.4	2.2	0.69	3.42 <=	6.53	Pass

Appendix 2 - Room Depth Calculation
Regents Park Estate, London NW1 4BX

Room	Room Depth Coefficients				Room Depth Calculation		Result
	L	W	H	Rb	L/W + L/H	2/H-Rb	
Window 64	3.6	5.6	2.2	0.69	2.28 <=	6.53	Pass
Window 65	2.7	6.4	2.3	0.69	1.6 <=	6.53	Pass
Window 66	3.0	4.1	2.2	0.71	2.1 <=	6.84	Pass
Window 67	4.9	3.7	2.2	0.71	3.55 <=	6.95	Pass
Window 68	4.9	3.7	2.2	0.71	3.55 <=	6.94	Pass
Window 69	3.0	4.1	2.2	0.71	2.1 <=	6.84	Pass
Window 70	2.7	6.4	2.3	0.69	1.6 <=	6.53	Pass
Window 71	3.6	5.6	2.2	0.69	2.28 <=	6.53	Pass
Window 72	5.6	6.4	2.2	0.69	3.42 <=	6.53	Pass
<u>Proposed Fifth Floor</u>							
Window 73	5.6	6.0	2.2	0.69	3.48 <=	6.54	Pass
Window 74	3.2	5.6	2.2	0.69	2.03 <=	6.54	Pass
Window 75	2.8	6.0	2.3	0.69	1.68 <=	6.54	Pass
Window 76	2.7	4.9	2.2	0.71	1.78 <=	6.86	Pass
Window 77	2.7	4.9	2.2	0.71	1.78 <=	6.86	Pass
Window 78	2.8	6.0	2.3	0.69	1.68 <=	6.54	Pass
Window 79	3.2	5.6	2.2	0.69	2.03 <=	6.54	Pass
Window 80	5.6	6.0	2.2	0.69	3.48 <=	6.54	Pass
Window 81	5.6	6.4	2.2	0.69	3.42 <=	6.53	Pass
Window 82	3.6	5.6	2.2	0.69	2.28 <=	6.53	Pass
Window 83	2.7	6.4	2.3	0.69	1.6 <=	6.53	Pass
Window 84	3.0	4.1	2.2	0.71	2.1 <=	6.83	Pass
Window 85	4.9	3.7	2.2	0.71	3.55 <=	6.94	Pass
Window 86	4.9	3.7	2.2	0.71	3.55 <=	6.94	Pass
Window 87	3.0	4.1	2.2	0.71	2.1 <=	6.83	Pass
Window 88	2.7	6.4	2.3	0.69	1.6 <=	6.52	Pass
Window 89	3.6	5.6	2.2	0.69	2.28 <=	6.52	Pass
Window 90	5.6	6.4	2.2	0.69	3.42 <=	6.52	Pass
<u>Proposed Sixth Floor</u>							
Window 91	5.6	6.0	2.2	0.69	3.48 <=	6.54	Pass
Window 92	3.2	5.6	2.2	0.69	2.03 <=	6.54	Pass
Window 93	2.8	6.0	2.3	0.69	1.68 <=	6.54	Pass
Window 94	2.7	4.9	2.2	0.71	1.78 <=	6.86	Pass

**Appendix 2 - Room Depth Calculation
Regents Park Estate, London NW1 4BX**

Room	Room Depth Coefficients				Room Depth Calculation		Result
	L	W	H	Rb	L/W + L/H	2/l-Rb	
Window 95	2.7	4.9	2.2	0.71	1.78 <=	6.86	Pass
Window 96	2.8	6.0	2.3	0.69	1.68 <=	6.54	Pass
Window 97	3.2	5.6	2.2	0.69	2.03 <=	6.54	Pass
Window 98	5.6	6.0	2.2	0.69	3.48 <=	6.54	Pass
Window 99	5.6	6.4	2.2	0.69	3.42 <=	6.53	Pass
Window 100	3.6	5.6	2.2	0.69	2.28 <=	6.53	Pass
Window 101	2.7	6.4	2.3	0.69	1.6 <=	6.53	Pass
Window 102	3.0	4.1	2.2	0.71	2.1 <=	6.83	Pass
Window 103	4.9	3.7	2.2	0.71	3.55 <=	6.94	Pass
Window 104	4.9	3.7	2.2	0.71	3.55 <=	6.94	Pass
Window 105	3.0	4.1	2.2	0.71	2.1 <=	6.83	Pass
Window 106	2.7	6.4	2.3	0.69	1.6 <=	6.52	Pass
Window 107	3.6	5.6	2.2	0.69	2.28 <=	6.52	Pass
Window 108	5.6	6.4	2.2	0.69	3.42 <=	6.52	Pass

Appendix 2 - Sunlight to Windows
Regents Park Estate, London NW1 4BX

Reference	Use Class	Annual Probable Sunlight Hours	
		Total	Winter
<u>Proposed First Floor</u>			
Window 1	Living/ Dining/Kitchen	49%	16%
Window 2	Living/ Dining/Kitchen	6%	2%
Window 3	Living/ Dining/Kitchen	6%	4%
Window 6	Living/ Dining/Kitchen	0%	0%
Window 7	Living/ Dining/Kitchen	1%	0%
Window 8	Living/ Dining/Kitchen	0%	0%
Window 9	Living/ Dining/Kitchen	0%	0%
Window 10	Living/ Dining/Kitchen	4%	0%
Window 11	Living/ Dining/Kitchen	0%	0%
Window 16	Living/ Dining/Kitchen	5%	4%
Window 17	Living/ Dining/Kitchen	11%	3%
Window 18	Living/ Dining/Kitchen	49%	16%
<u>Proposed Second Floor</u>			
Window 19	Living/ Dining/Kitchen	51%	18%
Window 20	Living/ Dining/Kitchen	4%	2%
Window 21	Living/ Dining/Kitchen	1%	1%
Window 24	Living/ Dining/Kitchen	0%	0%
Window 25	Living/ Dining/Kitchen	1%	0%
Window 26	Living/ Dining/Kitchen	0%	0%
Window 27	Living/ Dining/Kitchen	0%	0%
Window 28	Living/ Dining/Kitchen	3%	0%
Window 29	Living/ Dining/Kitchen	0%	0%
Window 35	Living Room	9%	4%
Window 36	Living Room	51%	18%
<u>Proposed Third Floor</u>			
Window 37	Living/ Dining/Kitchen	53%	20%
Window 38	Living/ Dining/Kitchen	7%	3%
Window 39	Living/ Dining/Kitchen	9%	7%
Window 42	Living/ Dining/Kitchen	0%	0%
Window 43	Living/ Dining/Kitchen	1%	0%
Window 44	Living/ Dining/Kitchen	0%	0%

Appendix 2 - Sunlight to Windows
Regents Park Estate, London NW1 4BX

Reference	Use Class	Annual Probable Sunlight Hours	
		Total	Winter
Window 45	Living/ Dining/Kitchen	0%	0%
Window 46	Living/ Dining/Kitchen	7%	0%
Window 47	Living/ Dining/Kitchen	0%	0%
Window 53	Living Room	15%	4%
Window 54	Living Room	55%	22%
<u>Proposed Fourth Floor</u>			
Window 55	Living/ Dining/Kitchen	57%	24%
Window 56	Living/ Dining/Kitchen	8%	6%
Window 57	Living/ Dining/Kitchen	3%	3%
Window 60	Living/ Dining/Kitchen	0%	0%
Window 61	Living/ Dining/Kitchen	1%	0%
Window 62	Living/ Dining/Kitchen	0%	0%
Window 63	Living/ Dining/Kitchen	0%	0%
Window 64	Living/ Dining/Kitchen	6%	0%
Window 65	Living/ Dining/Kitchen	0%	0%
<u>Proposed Fifth Floor</u>			
Window 73	Living/ Dining/Kitchen	58%	25%
Window 74	Living/ Dining/Kitchen	11%	7%
Window 75	Living/ Dining/Kitchen	12%	10%
Window 78	Living/ Dining/Kitchen	0%	0%
Window 79	Living/ Dining/Kitchen	1%	0%
Window 80	Living/ Dining/Kitchen	0%	0%
Window 81	Living/ Dining/Kitchen	0%	0%
Window 82	Living/ Dining/Kitchen	9%	0%
Window 83	Living/ Dining/Kitchen	0%	0%
Window 88	Living/ Dining/Kitchen	9%	8%
Window 89	Living/ Dining/Kitchen	17%	5%
Window 90	Living/ Dining/Kitchen	57%	24%

Appendix 2 - Sunlight to Windows
Regents Park Estate, London NW1 4BX

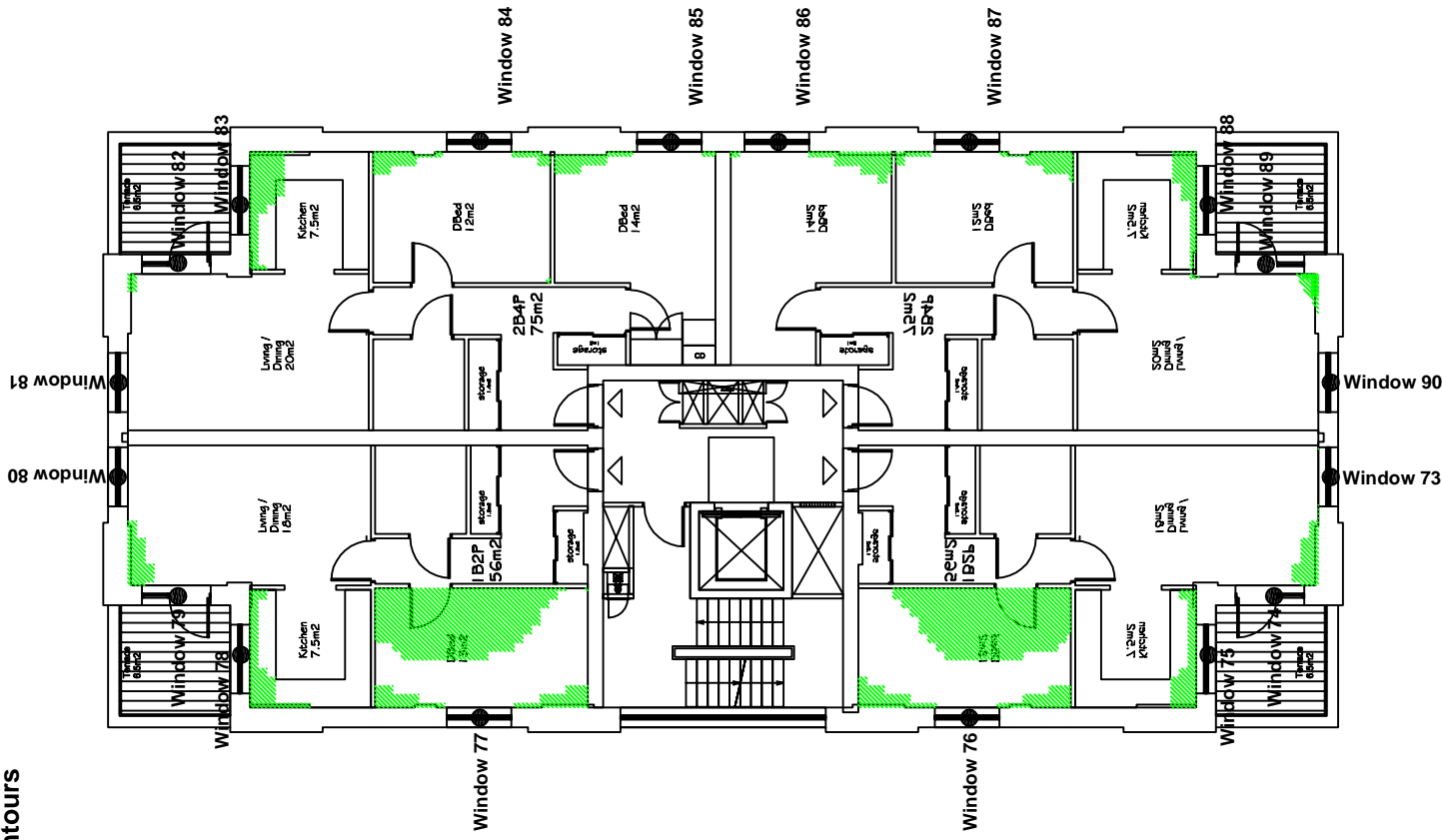
Reference	Use Class	Annual Probable Sunlight Hours	
		Total	Winter
<u>Proposed Sixth Floor</u>			
Window 91	Living/ Dining/Kitchen	59%	26%
Window 92	Living/ Dining/Kitchen	9%	7%
Window 93	Living/ Dining/Kitchen	6%	6%
Window 96	Living/ Dining/Kitchen	0%	0%
Window 97	Living/ Dining/Kitchen	1%	0%
Window 98	Living/ Dining/Kitchen	0%	0%
Window 99	Living/ Dining/Kitchen	0%	0%
Window 100	Living/ Dining/Kitchen	7%	0%
Window 101	Living/ Dining/Kitchen	0%	0%
Window 106	Living/ Dining/Kitchen	5%	5%
Window 107	Living/ Dining/Kitchen	13%	6%
Window 108	Living/ Dining/Kitchen	59%	26%

APPENDIX 2.3

NO SKY LINE CONTOURS

Appendix 2.3 No Sky Line Contours

Proposed Fifth Floor



Key:

● Window reference

▨ Area receives no direct sky light (applied to habitable rooms)

□ Area does receive direct sky light.

▭ Light aperture.

Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **No Sky Line Contours**

Scale: **Do not scale**

Drawing No: **5 of 6**

Rev. -

Rev

Date

Details of revision



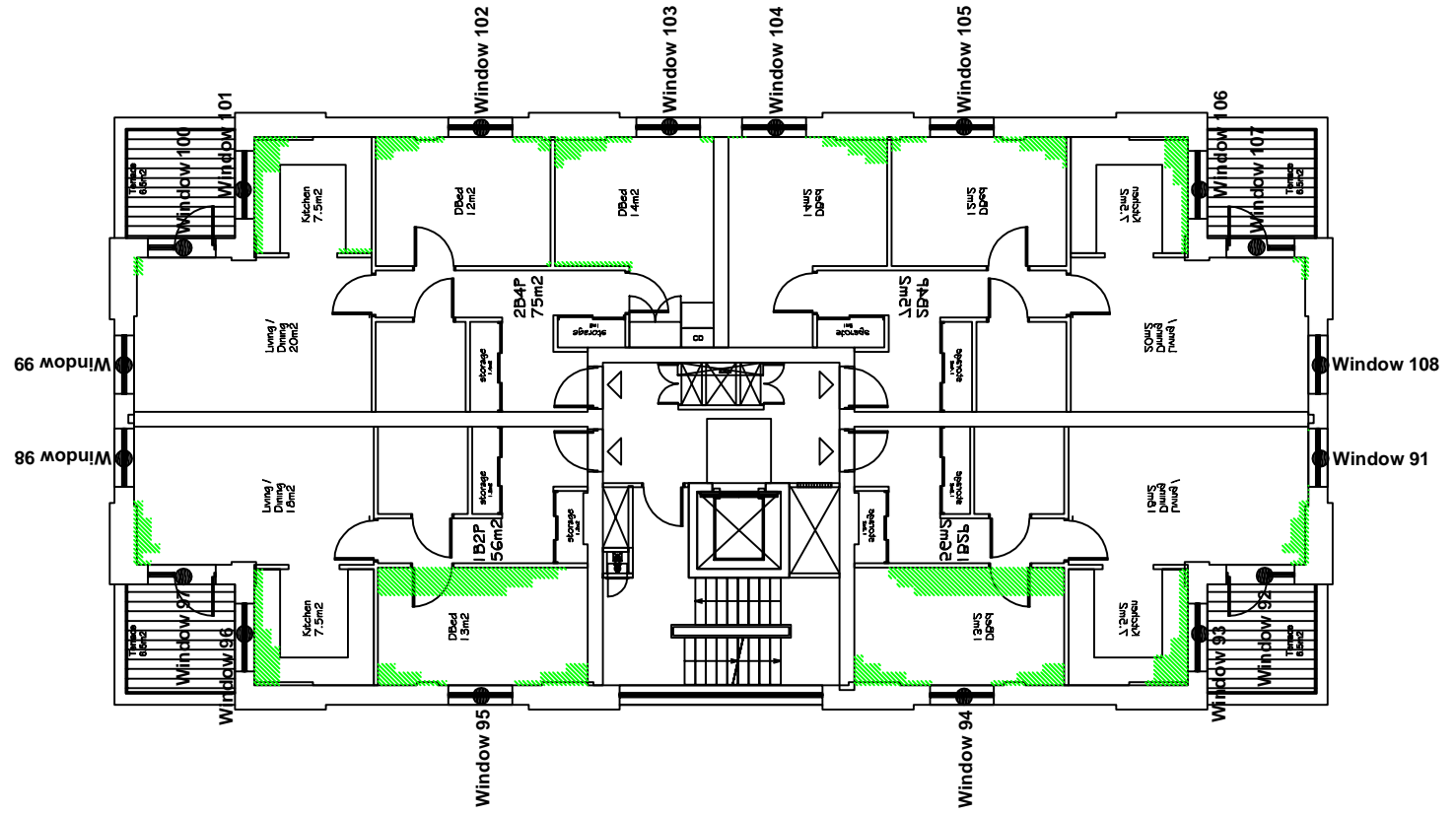
Burley House
15 - 17 High Street
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Essex SS6 7EW

Tel. 0800 197 4836

enquiries@right-of-light.co.uk
www.right-of-light-consulting.com

Appendix 2.3 No Sky Line Contours

Proposed Sixth Floor



Key:

- Window reference
- ▨ Area receives no direct sky light (applied to habitable rooms)
- Area does receive direct sky light.
- ▭ Light aperture.

Project Name:	Regents Park Estate, London NW1 4BX	
Drawing Title:	No Sky Line Contours	
Scale:	Do not scale	
Drawing No:	6 of 6	
Rev.	Date	Details of revision



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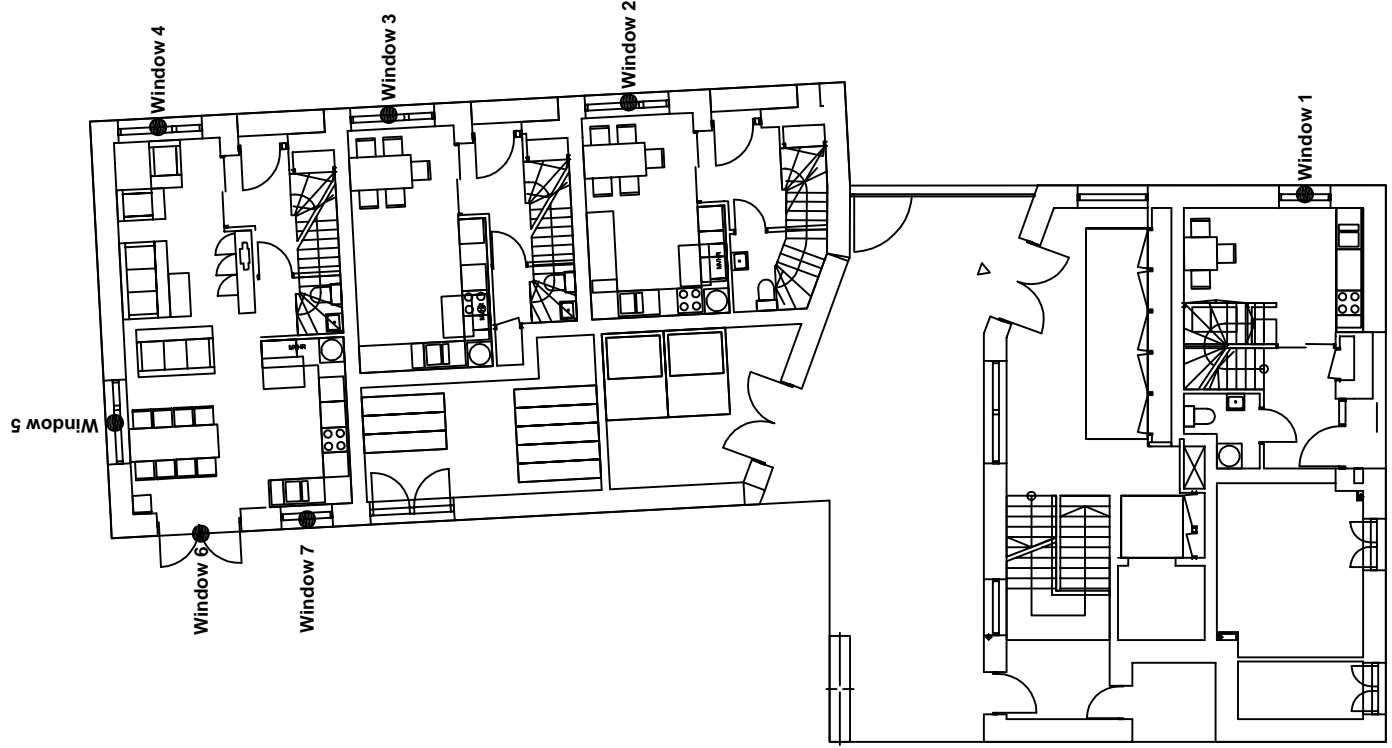
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APPENDIX 3

VARNDELL STREET

APPENDIX 3.1

WINDOW KEY



Key:

Window 1 ● Window reference

Project Name: **Regents Park Estate London NW1 4BX**

Drawing Title: **Window Key**

Scale: **Do not scale**

Drawing No: **1 of 6**

Rev. -

Rev

Date

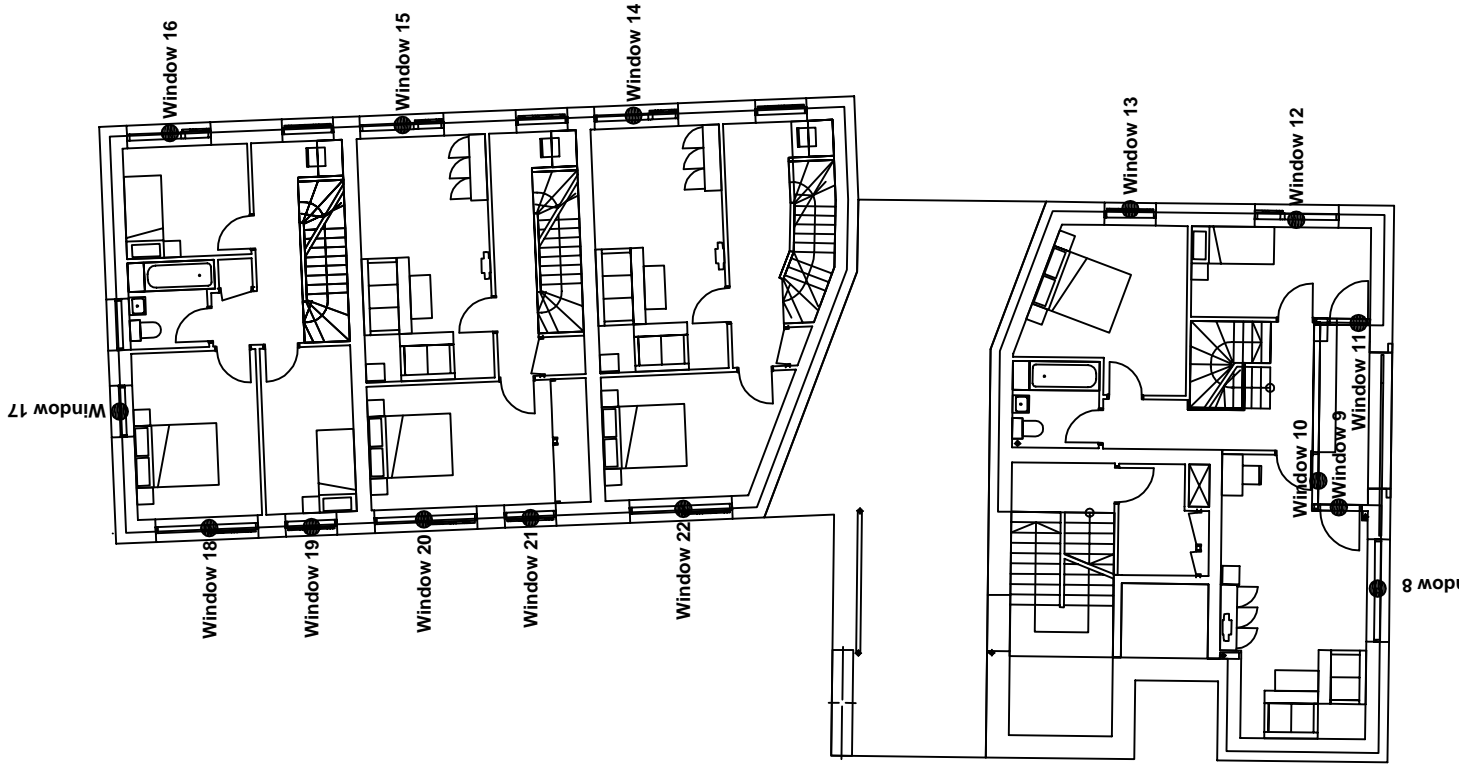
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Key:

Window 1 ● Window reference

Project Name: **Regents Park Estate London NW1 4BX**

Drawing Title: **Window Key**

Scale: **Do not scale**

Drawing No: **2 of 6**

Rev. -

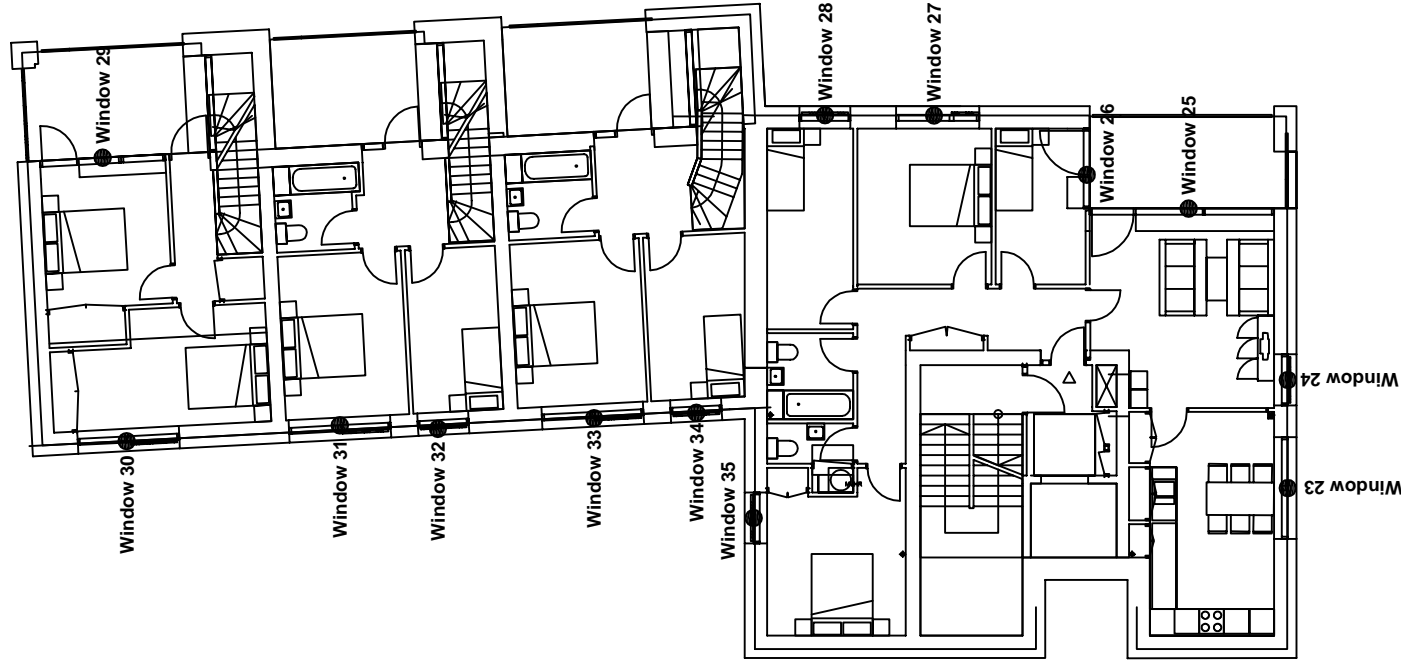
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Window 1 ● Window reference



Project Name: **Regents Park Estate London NW1 4BX**

Drawing Title: **Window Key**

Scale: **Do not scale**

Drawing No: **3 of 6**

Rev.	Date	Details of revision

Rev. -



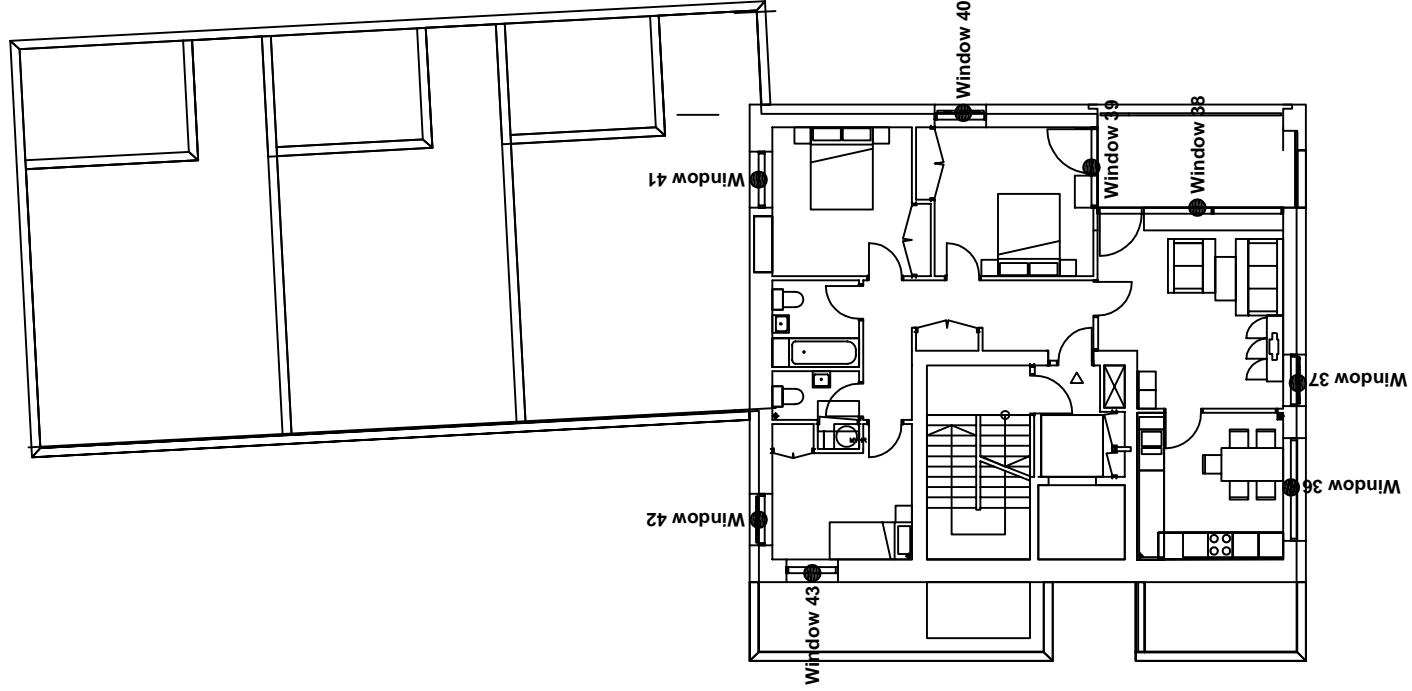
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Key:

Window 1 ● Window reference



Project Name: **Regents Park Estate London NW1 4BX**

Drawing Title: **Window Key**

Scale: **Do not scale**

Drawing No: **4 of 6**

Rev	Date	Details of revision

Rev. -



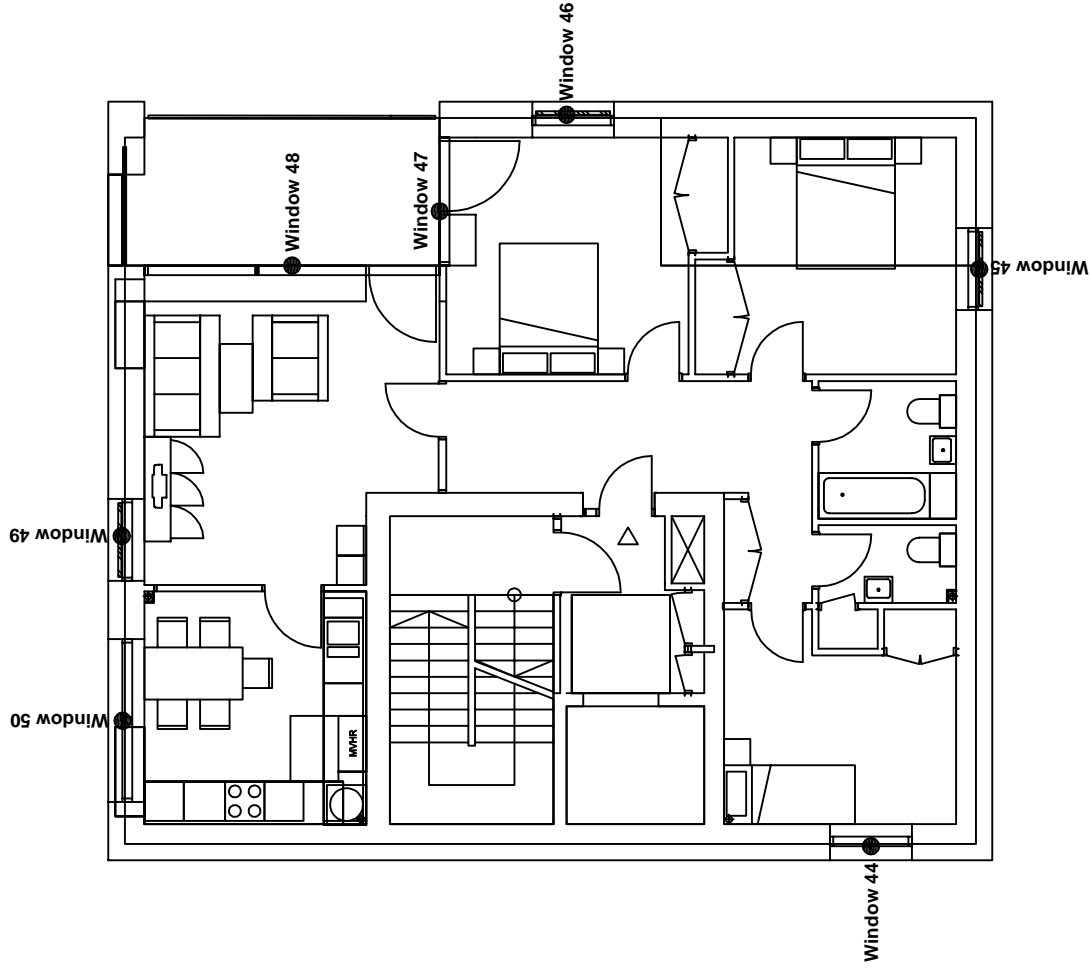
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Key:

Window 1 ● Window reference



Project Name: **Regents Park Estate London NW1 4BX**

Drawing Title: **Window Key**

Scale: **Do not scale**

Drawing No: **5 of 6**

Rev	Date	Details of revision	Rev.	-



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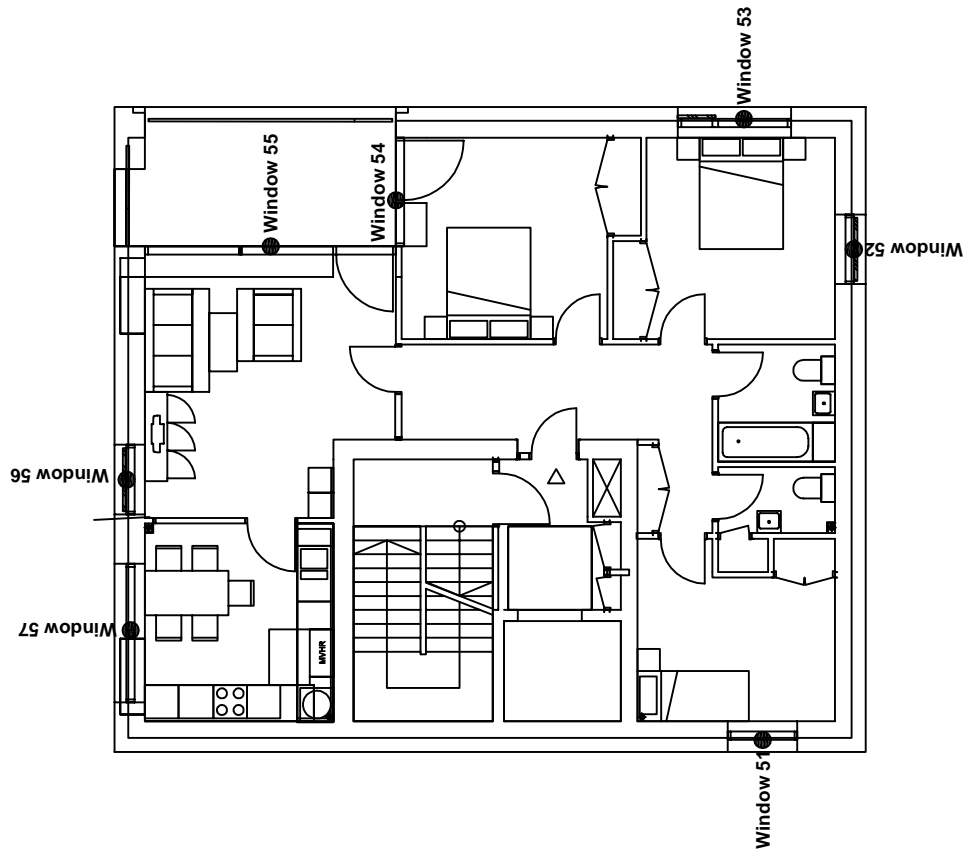
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Key:

Window 1 ● Window reference



Project Name: **Regents Park Estate London NW1 4BX**

Drawing Title: **Window Key**

Scale: **Do not scale**

Drawing No: **6 of 6**

Rev	Date	Details of revision	Rev. -



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APPENDIX 3.2

DAYLIGHT AND SUNLIGHT CALCULATIONS

**Appendix 3.2 - Average Daylight Factor (ADF)
Regents Park Estate, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients					Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result
<u>Ground Floor</u>									
Window 1 (lower)			0.68	0.4	77.05	0.72	57.7	0.2%	
Window 1 (upper)		2.0%	0.68	1.63	77.05	0.72	58.7	1.8%	Pass
Total ADF for room									
Window 2 (lower)			0.68	0.41	69.25	0.69	45.5	0.2%	
Window 2 (upper)		2.0%	0.68	2.66	69.25	0.69	46.4	2.3%	Pass
Total ADF for room									
Window 3 (lower)			0.68	0.41	78.58	0.7	47.3	0.1%	
Window 3 (upper)		2.0%	0.68	2.66	78.58	0.7	48.0	2.1%	Pass
Total ADF for room									
Window 4 (lower)			0.68	0.41	113.71	0.65	50.6	0.1%	
Window 4 (upper)			0.68	2.66	113.71	0.65	51.3	1.4%	
Window 5 (lower)			0.68	0.41	113.71	0.65	32.9	0.0%	
Window 5 (upper)			0.68	2.66	113.71	0.65	33.3	0.9%	
Window 6 (lower)			0.68	1.38	113.71	0.65	55.9	0.3%	
Window 6 (upper)			0.68	2.66	113.71	0.65	57.1	1.6%	Pass
Total ADF for room		1.5%						4.3%	Pass
Window 7	Living Room	2.0%	0.68	1.58	45.06	0.71	58.1	2.8%	Pass
<u>First Floor</u>									
Window 8 (lower)			0.68	0.05	103.32	0.68	45.8	0.0%	
Window 8 (upper)			0.68	3.25	103.32	0.68	46.6	1.8%	
Window 9 (lower)			0.68	0.61	103.32	0.68	24.2	0.1%	
Window 9 (upper)			0.68	1.29	103.32	0.68	12.6	0.2%	
Window 10 (lower)			0.68	0.75	103.32	0.68	25.4	0.1%	
Window 10 (upper)			0.68	1.59	103.32	0.68	13.2	0.3%	Pass
Total ADF for room		1.5%						2.5%	Pass
Window 11 (lower)			0.68	0.59	57.09	0.67	18.4	0.1%	
Window 11 (upper)			0.68	1.25	57.09	0.67	10.9	0.3%	
Window 12 (lower)			0.68	1.28	57.09	0.67	60.8	0.7%	
Window 12 (upper)			0.68	2.66	57.09	0.67	62.1	3.6%	Pass
Total ADF for room	Bedroom	1.0%						4.7%	Pass

**Appendix 3.2 - Average Daylight Factor (ADF)
Regents Park Estate, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients						Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result	
Window 13 (lower)			0.68	0.35	72.53	0.72	56.6	0.2%		
Window 13 (upper)			0.68	1.63	72.53	0.72	58.3	1.8%		
Total ADF for room	Bedroom	1.0%						2.0%	Pass	
Window 14 (lower)			0.68	1.28	89.26	0.7	48.7	0.4%		
Window 14 (upper)			0.68	2.75	89.26	0.7	50.2	2.0%		
Total ADF for room	Living Room	1.5%						2.4%	Pass	
Window 15 (lower)			0.68	1.28	89.26	0.7	50.2	0.4%		
Window 15 (upper)			0.68	2.75	89.26	0.7	51.7	2.1%		
Total ADF for room	Living Room	1.5%						2.5%	Pass	
Window 16 (lower)			0.68	1.28	49.25	0.69	53.4	0.7%		
Window 16 (upper)			0.68	2.75	49.25	0.69	54.8	3.9%		
Total ADF for room	Bedroom	1.0%						4.6%	Pass	
Window 17 (lower)			0.68	0.4	65.16	0.67	35.2	0.1%		
Window 17 (upper)			0.68	1.64	65.16	0.67	36.0	1.1%		
Window 18 (lower)			0.68	0.8	65.16	0.67	59.5	0.4%		
Window 18 (upper)			0.68	3.25	65.16	0.67	60.6	3.7%		
Total ADF for room	Bedroom	1.0%						5.3%	Pass	
Window 19 (lower)			0.68	0.4	53.87	0.72	60.8	0.2%		
Window 19 (upper)			0.68	1.63	53.87	0.72	62.0	2.6%		
Total ADF for room	Bedroom	1.0%						2.8%	Pass	
Window 20 (lower)			0.68	0.8	80.18	0.68	61.2	0.3%		
Window 20 (upper)			0.68	3.25	80.18	0.68	62.6	3.2%		
Window 21 (lower)			0.68	0.4	80.18	0.68	60.1	0.2%		
Window 21 (upper)			0.68	1.63	80.18	0.68	61.7	1.6%		
Total ADF for room	Bedroom	1.0%						5.3%	Pass	
Window 22 (lower)			0.68	0.8	66.53	0.69	54.7	0.4%		
Window 22 (upper)			0.68	3.25	66.53	0.69	56.0	3.6%		
Total ADF for room	Bedroom	1.0%						4.0%	Pass	
<u>Second Floor</u>										
Window 23 (lower)			0.68	0.05	82.4	0.7	49.7	0.0%		

**Appendix 3.2 - Average Daylight Factor (ADF)
Regents Park Estate , London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients						Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result	
Window 23 (upper)	Kitchen	2.0%	0.68	3.25	82.4	0.7	50.8	2.7%	Pass	
Total ADF for room			0.68	0.4	93.33	0.64	51.4			
Window 24 (lower)	Living Room	1.5%	0.68	1.63	93.33	0.64	52.7	0.1%	Pass	
Window 24 (upper)			0.68	2.99	93.33	0.64	35.9			
Window 25 (lower)			0.68	5.98	93.33	0.64	20.8			
Window 25 (upper)			0.68	1.25	51.44	0.69	29.9			
Total ADF for room	0.68	2.51	51.44	0.69	19.2					
Window 26 (lower)	Bedroom	1.0%	0.68	1.38	66.21	0.69	58.3	0.6%	Pass	
Window 26 (upper)			0.68	2.66	66.21	0.69	60.7			
Total ADF for room	0.68	0.4	61.18	0.72	50.5					
Window 27 (lower)	Bedroom	1.0%	0.68	1.63	61.18	0.72	53.1	0.2%	Pass	
Window 27 (upper)			0.68	2.01	68.49	0.68	28.4			
Total ADF for room	0.68	3.87	68.49	0.68	17.3					
Window 28 (lower)	Bedroom	1.0%	0.68	0.8	74.77	0.7	63.2	0.4%	Pass	
Window 28 (upper)			0.68	3.25	74.77	0.7	64.3			
Total ADF for room	0.68	0.8	64.88	0.69	65.8					
Window 29 (lower)	Bedroom	1.0%	0.68	3.25	64.88	0.69	67.1	0.4%	Pass	
Window 29 (upper)			0.68	0.4	53.56	0.72	65.4			
Total ADF for room	0.68	1.63	53.56	0.72	66.9					
Window 30 (lower)	Bedroom	1.0%	0.68	0.8	66.93	0.69	59.6	0.3%	Pass	
Window 30 (upper)			0.68	3.25	66.93	0.69	61.4			
Total ADF for room	0.68	0.8	66.93	0.69	61.4					
Window 31 (lower)	Bedroom	1.0%	0.68	0.8	66.93	0.69	59.6	0.4%	Pass	
Window 31 (upper)			0.68	3.25	66.93	0.69	61.4			
Total ADF for room	0.68	0.8	66.93	0.69	61.4					
Window 32 (lower)	Bedroom	1.0%	0.68	0.8	66.93	0.69	59.6	0.4%	Pass	
Window 32 (upper)			0.68	3.25	66.93	0.69	61.4			
Total ADF for room	0.68	0.8	66.93	0.69	61.4					
Window 33 (lower)	Bedroom	1.0%	0.68	0.8	66.93	0.69	59.6	0.4%	Pass	
Window 33 (upper)			0.68	3.25	66.93	0.69	61.4			
Total ADF for room	0.68	0.8	66.93	0.69	61.4					

**Appendix 3.2 - Average Daylight Factor (ADF)
Regents Park Estate, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients						Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result	
Window 34 (lower)			0.68	0.4	56.17	0.72	48.9	0.2%		
Window 34 (upper)			0.68	1.63	56.17	0.72	50.0	2.0%		
Total ADF for room	Bedroom	1.0%						2.2%	Pass	
Window 35 (lower)			0.68	0.4	73.55	0.72	48.2	0.2%		
Window 35 (upper)			0.68	1.63	73.55	0.72	52.2	1.6%		
Total ADF for room	Bedroom	1.0%						1.8%	Pass	
<u>Third Floor</u>										
Window 36 (lower)			0.68	0.05	66.3	0.7	54.3	0.0%		
Window 36 (upper)			0.68	3.25	66.3	0.7	55.5	3.6%		
Total ADF for room	Kitchen	2.0%						3.6%	Pass	
Window 37 (lower)			0.68	0.4	93.33	0.64	55.8	0.1%		
Window 37 (upper)			0.68	1.63	93.33	0.64	57.3	1.2%		
Window 38 (lower)			0.68	2.99	93.33	0.64	39.2	0.6%		
Window 38 (upper)			0.68	5.98	93.33	0.64	22.1	1.6%		
Total ADF for room	Living Room	1.5%						3.5%	Pass	
Window 39 (lower)			0.68	0.59	75.12	0.68	30.0	0.1%		
Window 39 (upper)			0.68	2.51	75.12	0.68	20.8	0.9%		
Window 40 (lower)			0.68	0.4	75.12	0.68	65.4	0.2%		
Window 40 (upper)			0.68	1.63	75.12	0.68	67.0	1.9%		
Total ADF for room	Kitchen	2.0%						3.1%	Pass	
Window 41	Bedroom	1.0%	0.68	1.7	69.29	0.72	65.1	2.2%	Pass	
Window 42 (lower)			0.68	0.4	63.21	0.7	62.2	0.2%		
Window 42 (upper)			0.68	1.63	63.21	0.7	63.7	2.2%		
Window 43	Bedroom	1.0%	0.68	1.56	63.21	0.7	76.5	2.5%		
Total ADF for room	Bedroom	1.0%						4.9%	Pass	
<u>Fourth Floor</u>										
Window 44 (lower)			0.68	0.4	65.33	0.72	77.2	0.3%		
Window 44 (upper)			0.68	1.63	65.33	0.72	78.0	2.8%		
Total ADF for room	Bedroom	1.0%						3.1%	Pass	
Window 45 (lower)			0.68	0.4	70.67	0.71	65.1	0.2%		

**Appendix 3.2 - Average Daylight Factor (ADF)
Regents Park Estate, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients						Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result	
Window 45 (upper)	Bedroom	1.0%	0.68	1.63	70.67	0.71	66.7	2.1%	Pass	
Total ADF for room			0.68	0.4	74.57	0.69	71.7	0.2%		
Window 46 (lower)			0.68	1.63	74.57	0.69	73.4	2.1%		
Window 46 (upper)	Bedroom	1.0%	0.68	0.59	74.57	0.69	27.4	0.1%	Pass	
Total ADF for room			0.68	2.51	74.57	0.69	17.7	0.8%		
Window 47 (lower)			0.68	2.99	92.88	0.64	38.5	0.6%		
Window 47 (upper)	Bedroom	1.0%	0.68	5.98	92.88	0.64	19.3	1.4%	Pass	
Total ADF for room			0.68	0.4	92.88	0.64	67.5	0.1%		
Window 48 (lower)			0.68	1.63	92.88	0.64	69.0	1.4%		
Window 48 (upper)	Living Room	1.5%	0.68	0.05	64.23	0.7	67.5	0.0%	Pass	
Total ADF for room			0.68	3.25	64.23	0.7	68.7	4.6%		
Window 49 (lower)			0.68	0.4	92.88	0.64	67.5	0.1%		
Window 49 (upper)	Kitchen	2.0%	0.68	0.4	92.88	0.64	69.0	1.4%	Pass	
Total ADF for room			0.68	1.63	92.88	0.64	69.0	3.5%		
Window 50 (lower)			0.68	0.05	64.23	0.7	67.5	0.0%		
Window 50 (upper)	Bedroom	1.0%	0.68	0.4	65.33	0.72	80.3	0.3%	Pass	
Total ADF for room			0.68	1.63	65.33	0.72	81.2	2.9%		
Window 51 (lower)			0.68	0.4	70.67	0.68	70.5	0.2%		
Window 51 (upper)	Bedroom	1.0%	0.68	1.63	70.67	0.68	72.4	2.1%	Pass	
Total ADF for room			0.68	1.38	70.67	0.68	78.6	0.8%		
Window 52 (lower)			0.68	2.66	70.67	0.68	80.4	3.8%		
Window 52 (upper)	Bedroom	1.0%	0.68	0.59	74.57	0.7	31.4	0.1%	Pass	
Total ADF for room			0.68	2.51	74.57	0.7	21.1	1.0%		
Window 53 (lower)			0.68	2.99	92.88	0.64	43.1	0.6%		
Window 53 (upper)	Bedroom	1.0%	0.68	5.98	92.88	0.64	26.5	2.0%	Pass	
Total ADF for room			0.68	0.4	92.88	0.64	72.6	0.2%		
Window 54 (lower)			0.68	1.63	92.88	0.64	74.2	1.5%		
Window 54 (upper)	Bedroom	1.0%	0.68	0.4	92.88	0.64	74.2	1.5%	Pass	
Total ADF for room			0.68	0.4	92.88	0.64	74.2	1.5%		
Window 55 (lower)			0.68	0.4	92.88	0.64	74.2	1.5%		
Window 55 (upper)	Bedroom	1.0%	0.68	0.4	92.88	0.64	74.2	1.5%	Pass	
Total ADF for room			0.68	0.4	92.88	0.64	74.2	1.5%		
Window 56 (lower)			0.68	0.4	92.88	0.64	74.2	1.5%		
Window 56 (upper)	Bedroom	1.0%	0.68	0.4	92.88	0.64	74.2	1.5%	Pass	
Total ADF for room			0.68	0.4	92.88	0.64	74.2	1.5%		
Window 56 (lower)			0.68	0.4	92.88	0.64	74.2	1.5%		

**Appendix 3.2 - Average Daylight Factor (ADF)
Regents Park Estate , London NW1 4BX**

Reference
Total ADF for room
Window 57 (lower)
Window 57 (upper)
Total ADF for room

Target ADF based on room use	
Primary room use	ADF
Living Room	1.5%
Kitchen	2.0%

Average Daylight Factor Coefficients				
T	Aw	A	R	Theta
0.68	0.05	64.23	0.7	72.6
0.68	3.25	64.23	0.7	73.9

Actual ADF	
ADF	Result
4.3%	Pass
0.0%	
5.0%	
5.0%	Pass

Appendix 3.2 - Room Depth Calculation
Regents Park Estate, London NW1 4BX

Room	Room Depth Coefficients				Room Depth Calculation		Result
	L	W	H	Rb	L/W + L/H	2/H-Rb	
<u>Ground Floor</u>							
Window 1	3.3	4.3	2.5	0.72	2.09 <=	7.16	Pass
Window 2	4.9	3.3	2.5	0.69	3.44 <=	6.54	Pass
Window 3	5.9	3.2	2.5	0.7	4.2 <=	6.57	Pass
Window 4	3.2	9.0	2.5	0.65	1.64 <=	5.78	Pass
Window 5	3.2	9.0	2.5	0.65	1.64 <=	5.78	Pass
Window 6	3.2	9.0	2.5	0.65	1.64 <=	5.78	Pass
Window 7	4.0	2.0	2.5	0.71	3.6 <=	6.97	Pass
<u>First Floor</u>							
Window 8	3.5	6.9	2.5	0.68	1.91 <=	6.2	Pass
Window 9	5.5	3.5	2.5	0.68	3.77 <=	6.2	Pass
Window 10	2.2	6.9	2.5	0.68	1.2 <=	6.2	Pass
Window 11	2.2	4.3	2.5	0.67	1.39 <=	6.09	Pass
Window 12	2.2	4.3	2.5	0.67	1.39 <=	6.09	Pass
Window 13	4.1	4.2	2.5	0.72	2.62 <=	7.04	Pass
Window 14	5.9	3.1	2.5	0.7	4.26 <=	6.59	Pass
Window 15	5.9	3.1	2.5	0.7	4.26 <=	6.59	Pass
Window 16	2.7	3.0	2.5	0.69	1.98 <=	6.37	Pass
Window 17	3.0	4.0	2.5	0.67	1.95 <=	6.07	Pass
Window 18	4.0	3.0	2.5	0.67	2.93 <=	6.07	Pass
Window 19	4.0	2.2	2.5	0.72	3.42 <=	7.05	Pass
Window 20	3.0	5.3	2.5	0.68	1.77 <=	6.22	Pass
Window 21	3.0	5.3	2.5	0.68	1.77 <=	6.22	Pass
Window 22	3.0	4.7	2.5	0.69	1.84 <=	6.53	Pass
<u>Second Floor</u>							
Window 23	3.0	5.5	2.5	0.7	1.75 <=	6.71	Pass
Window 24	4.5	4.7	2.5	0.64	2.76 <=	5.62	Pass
Window 25	4.7	4.5	2.6	0.64	2.85 <=	5.62	Pass
Window 26	2.2	3.8	2.6	0.69	1.43 <=	6.52	Pass
Window 27	3.8	3.3	2.5	0.69	2.67 <=	6.49	Pass
Window 28	4.9	2.1	2.5	0.72	4.29 <=	7.1	Pass
Window 29	4.4	3.1	2.5	0.68	3.18 <=	6.19	Pass
Window 30	2.9	5.3	2.5	0.7	1.71 <=	6.65	Pass

**Appendix 3.2 - Room Depth Calculation
Regents Park Estate, London NW1 4BX**

Room	Room Depth Coefficients				Room Depth Calculation		Result
	L	W	H	Rb	L/W + L/H	2/H-Rb	
Window 31	4.0	3.0	2.5	0.69	2.93 <=	6.49	Pass
Window 32	4.0	2.2	2.5	0.72	3.42 <=	7.05	Pass
Window 33	4.0	3.2	2.5	0.69	2.85 <=	6.5	Pass
Window 34	4.0	2.5	2.5	0.72	3.2 <=	7.03	Pass
Window 35	3.4	4.1	2.5	0.72	2.19 <=	7.12	Pass
<u>Third Floor</u>							
Window 36	3.5	3.6	2.5	0.7	2.37 <=	6.65	Pass
Window 37	4.5	4.7	2.5	0.64	2.76 <=	5.62	Pass
Window 38	4.7	4.5	2.5	0.64	2.92 <=	5.62	Pass
Window 39	4.3	3.6	2.6	0.68	2.85 <=	6.35	Pass
Window 40	3.6	4.3	2.5	0.68	2.28 <=	6.35	Pass
Window 41	3.8	3.6	2.5	0.72	2.58 <=	7.08	Pass
Window 42	3.4	3.3	2.5	0.7	2.39 <=	6.76	Pass
Window 43	3.3	3.4	2.5	0.7	2.29 <=	6.76	Pass
<u>Fourth Floor</u>							
Window 44	3.3	3.5	2.5	0.72	2.26 <=	7.16	Pass
Window 45	4.0	3.6	2.5	0.71	2.71 <=	7.0	Pass
Window 46	3.6	4.3	2.5	0.69	2.28 <=	6.36	Pass
Window 47	4.3	3.6	2.6	0.69	2.85 <=	6.36	Pass
Window 48	4.7	4.5	2.5	0.64	2.92 <=	5.62	Pass
Window 49	4.5	4.7	2.5	0.64	2.76 <=	5.62	Pass
Window 50	3.4	3.6	2.5	0.7	2.3 <=	6.65	Pass
<u>Fifth Floor</u>							
Window 51	3.3	3.5	2.5	0.72	2.26 <=	7.16	Pass
Window 52	4.0	3.6	2.5	0.68	2.71 <=	6.15	Pass
Window 53	3.6	4.0	2.5	0.68	2.34 <=	6.15	Pass
Window 54	4.3	3.6	2.6	0.7	2.85 <=	6.76	Pass
Window 55	4.7	4.5	2.6	0.64	2.85 <=	5.62	Pass
Window 56	4.5	4.7	2.5	0.64	2.76 <=	5.62	Pass
Window 57	3.4	3.6	2.5	0.7	2.3 <=	6.65	Pass

Appendix 3.2 - Sunlight to Windows
Regents Park Estate , London NW1 4BX

Reference	Use Class	Annual Probable Sunlight Hours	
		Total	Winter
<u>Ground Floor</u>			
Window 4	Living Room	20%	7%
Window 5	Living Room	5%	0%
Window 6	Living Room	33%	6%
<u>First Floor</u>			
Window 8	Living Room	48%	4%
Window 9	Living Room	4%	2%
Window 10	Living Room	5%	5%
Window 14	Living Room	26%	10%
Window 15	Living Room	23%	8%
<u>Second Floor</u>			
Window 24	Living Room	59%	9%
Window 25	Living Room	11%	6%
<u>Third Floor</u>			
Window 37	Living Room	64%	10%
Window 38	Living Room	11%	6%
<u>Fourth Floor</u>			
Window 48	Living Room	5%	2%
Window 49	Living Room	8%	0%
<u>Fifth Floor</u>			
Window 55	Living Room	11%	3%
Window 56	Living Room	10%	0%

APPENDIX 3.3

NO SKY LINE CONTOURS


Appendix 3.3 No Sky Line Contours


Proposed Ground Floor




Key:

Window 1 ● Window reference

 Area receives no direct sky light (applied to habitable rooms)

 Area does receive direct sky light.

 Light aperture.

Project Name: **Regents Park Estate London NW1 4BX**

Drawing Title: **No Sky Line Contours**

Scale: **Do not scale**

Drawing No: **1 of 6**

Rev. -

Rev	Date	Details of revision



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Appendix 3.3 No Sky Line Contours


Proposed First Floor



Key:

Window 1 ● Window reference

 Area receives no direct sky light (applied to habitable rooms)

 Area does receive direct sky light.

 Light aperture.

Project Name: **Regents Park Estate London NW1 4BX**

Drawing Title: **No Sky Line Contours**

Scale: **Do not scale**

Drawing No: **2 of 6**

Rev. -

Rev

Date

Details of revision



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Appendix 3.3 No Sky Line Contours


Proposed Second Floor



Key:

Window 1 ● Window reference

 Area receives no direct sky light (applied to habitable rooms)

 Area does receive direct sky light.

 Light aperture.

Project Name: **Regents Park Estate London NW1 4BX**

Drawing Title: **No Sky Line Contours**

Scale: **Do not scale**

Drawing No: **3 of 6**

Rev. -

Rev Date Details of revision



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Appendix 3.3 No Sky Line Contours


Proposed Third Floor



Key:

Window 1 ● Window reference

 Area receives no direct sky light (applied to habitable rooms)

 Area does receive direct sky light.

 Light aperture.

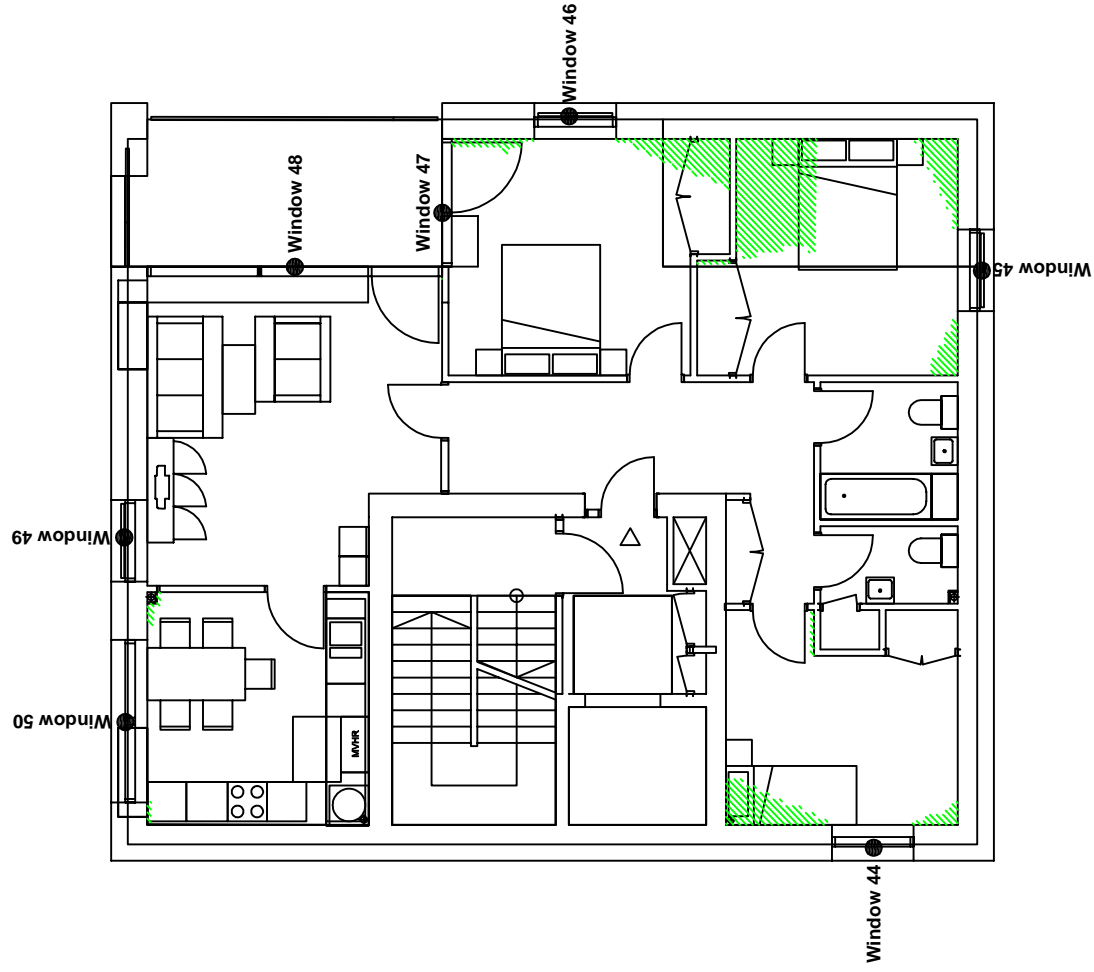
Project Name: Regents Park Estate London NW1 4BX	
Drawing Title: No Sky Line Contours	
Scale: Do not scale	Rev. -
Drawing No: 4 of 6	
Rev	Date
	Details of revision



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Appendix 3.3 No Sky Line Contours


Proposed Fourth Floor



Key:

Window 1 ● Window reference

 Area receives no direct sky light (applied to habitable rooms)

 Area does receive direct sky light.

 Light aperture.

Project Name: **Regents Park Estate London NW1 4BX**

Drawing Title: **No Sky Line Contours**

Scale: **Do not scale**

Drawing No: **5 of 6**

Rev. -

Rev Date Details of revision



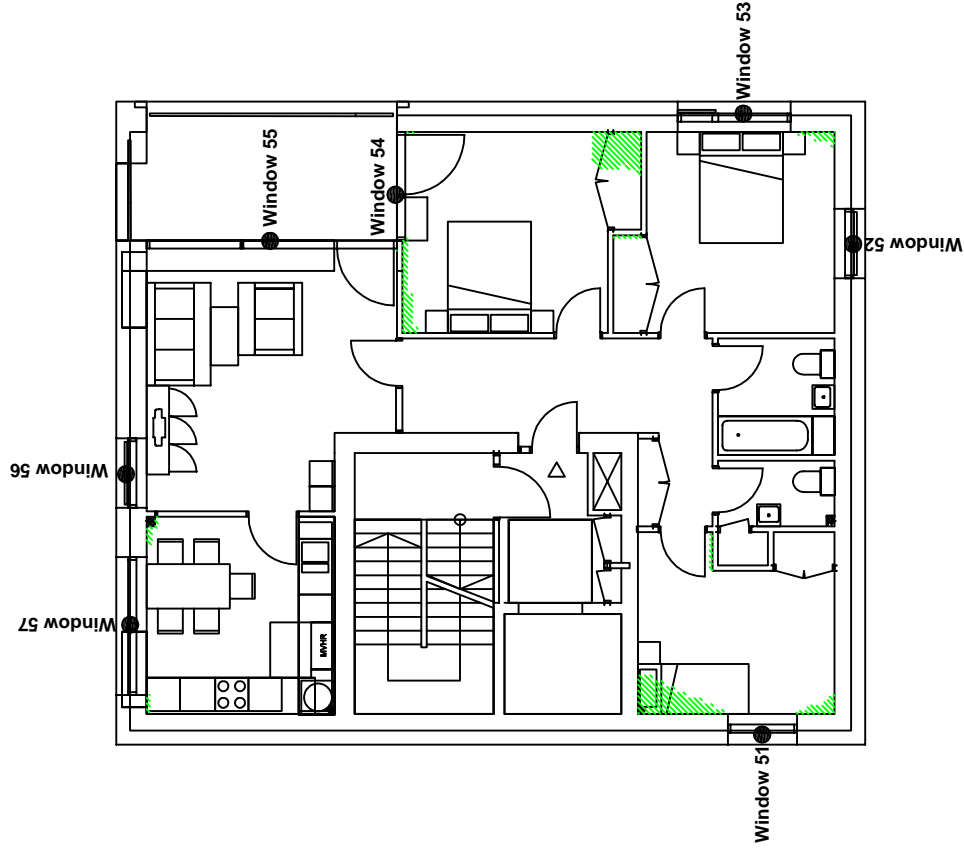
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Appendix 3.3 No Sky Line Contours

Proposed Fifth Floor



Key:

Window 1 ● Window reference

Area receives no direct sky light (applied to habitable rooms)

Area does receive direct sky light.

Light aperture.

Project Name: **Regents Park Estate London NW1 4BX**

Drawing Title: **No Sky Line Contours**

Scale: **Do not scale**

Drawing No: **6 of 6**

Rev. -

Rev

Date

Details of revision



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APPENDIX 4

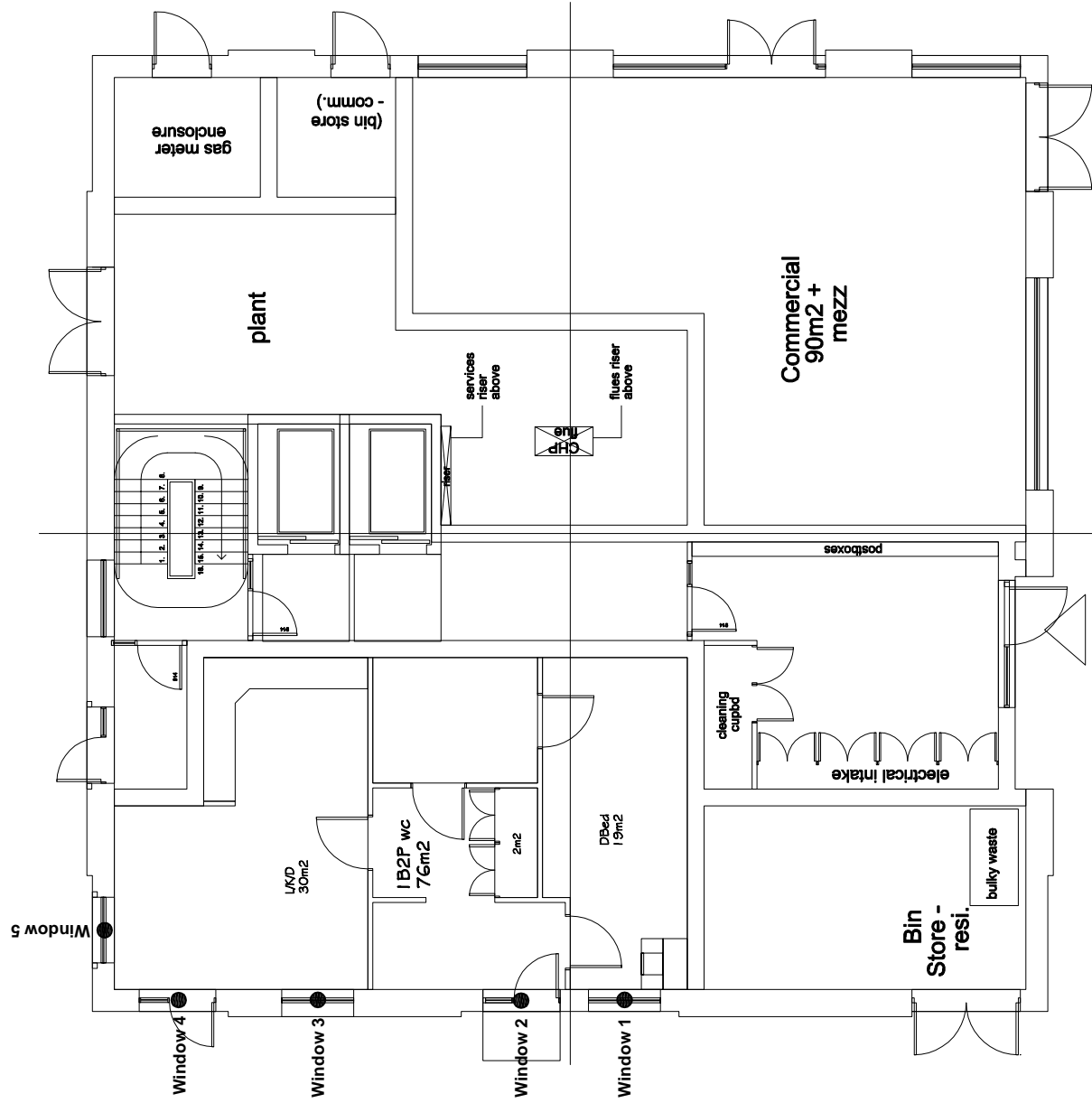
NEWLANDS PLOT

APPENDIX 4.1

WINDOW KEY

Key:

● Window reference



Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **Window Key**

Scale: **Do not scale**

Drawing No: **1 of 11**

Rev. -

Rev	Date	Details of revision



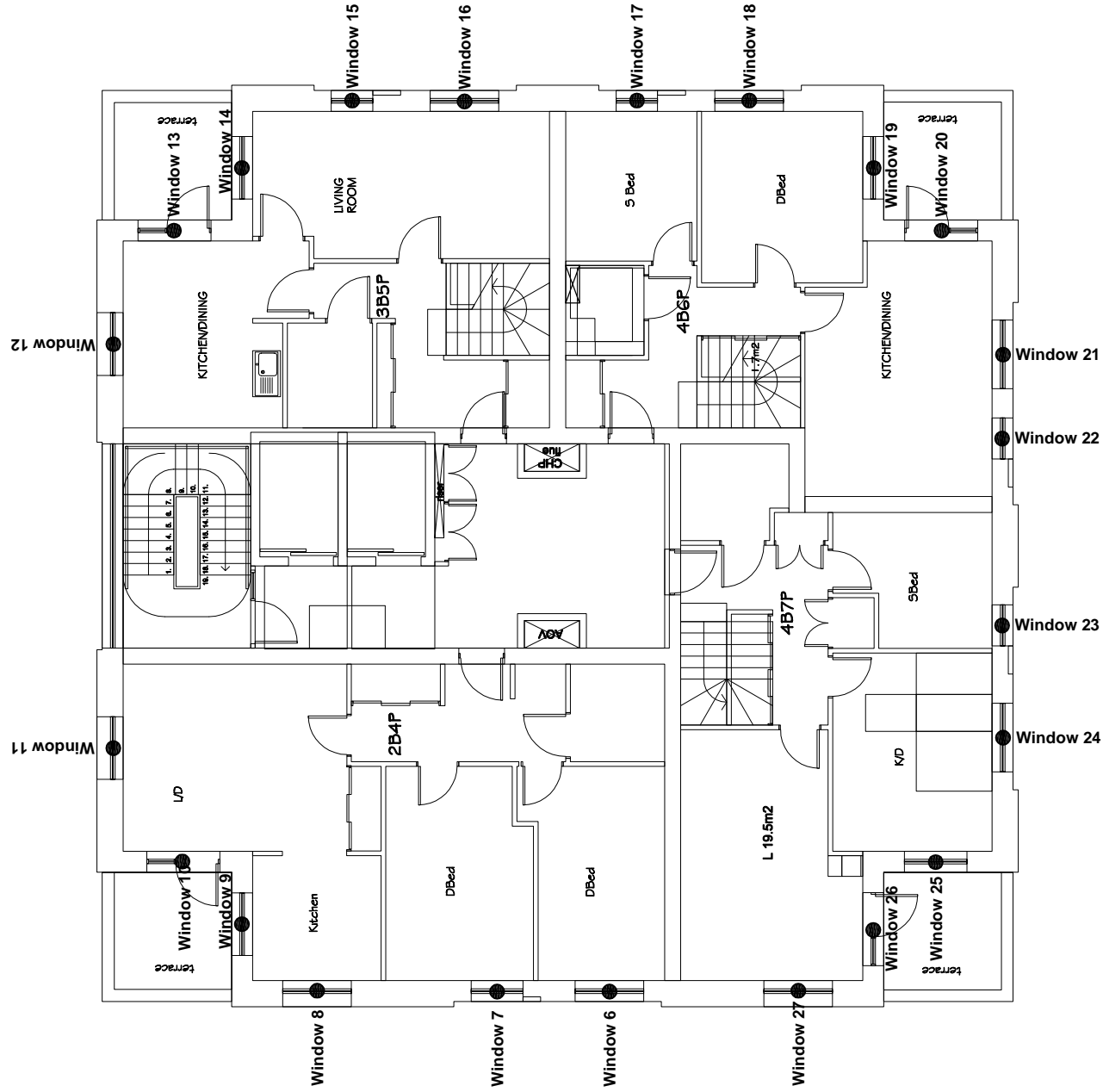
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Key:

● Window reference



Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **Window Key**

Scale: **Do not scale**

Drawing No: **2 of 11**

Rev. -

Rev Date Details of revision



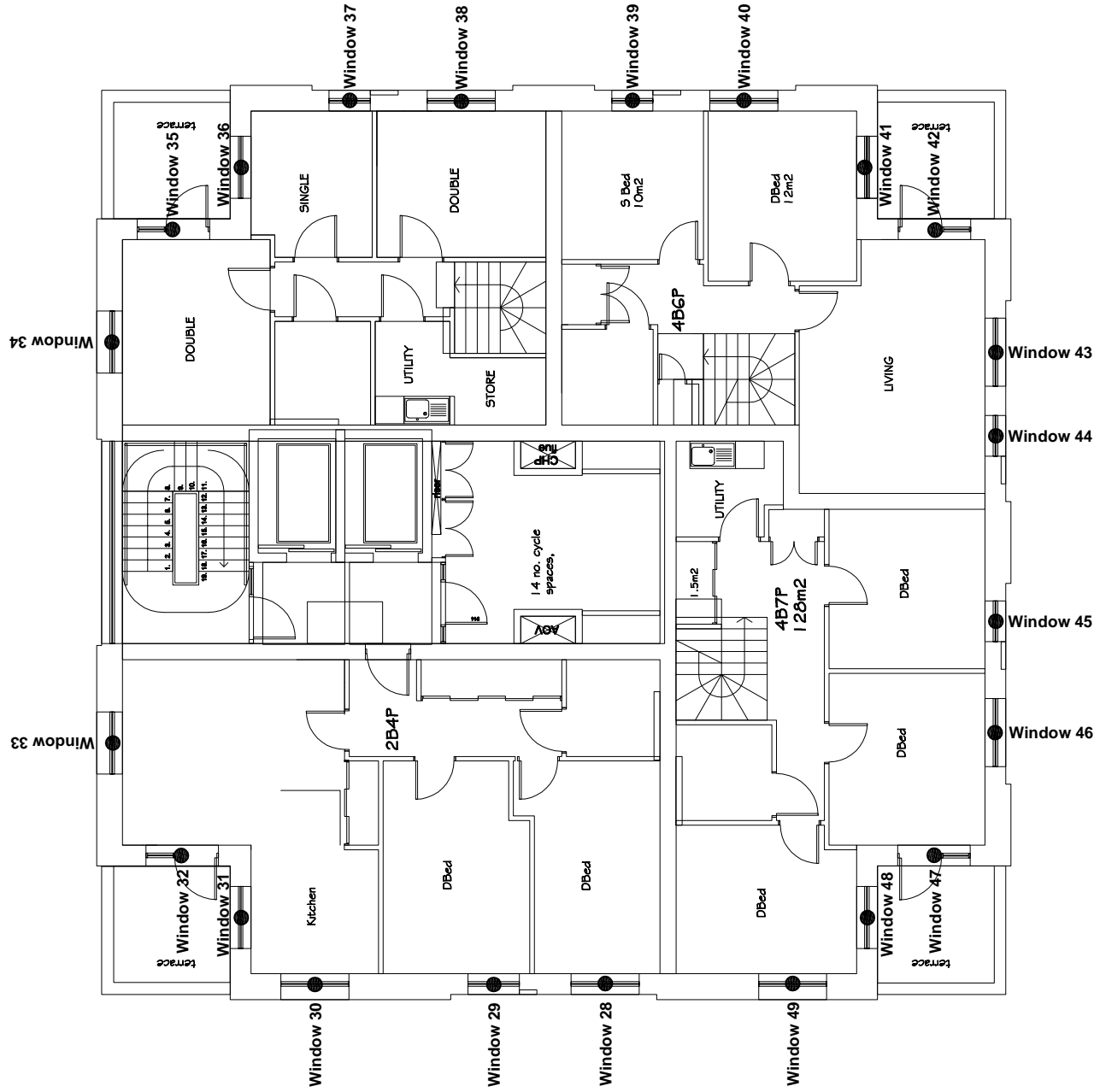
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Key:

● Window reference



Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **Window Key**

Scale: **Do not scale**

Drawing No: **3 of 11**

Rev. -

Rev. Date Details of revision

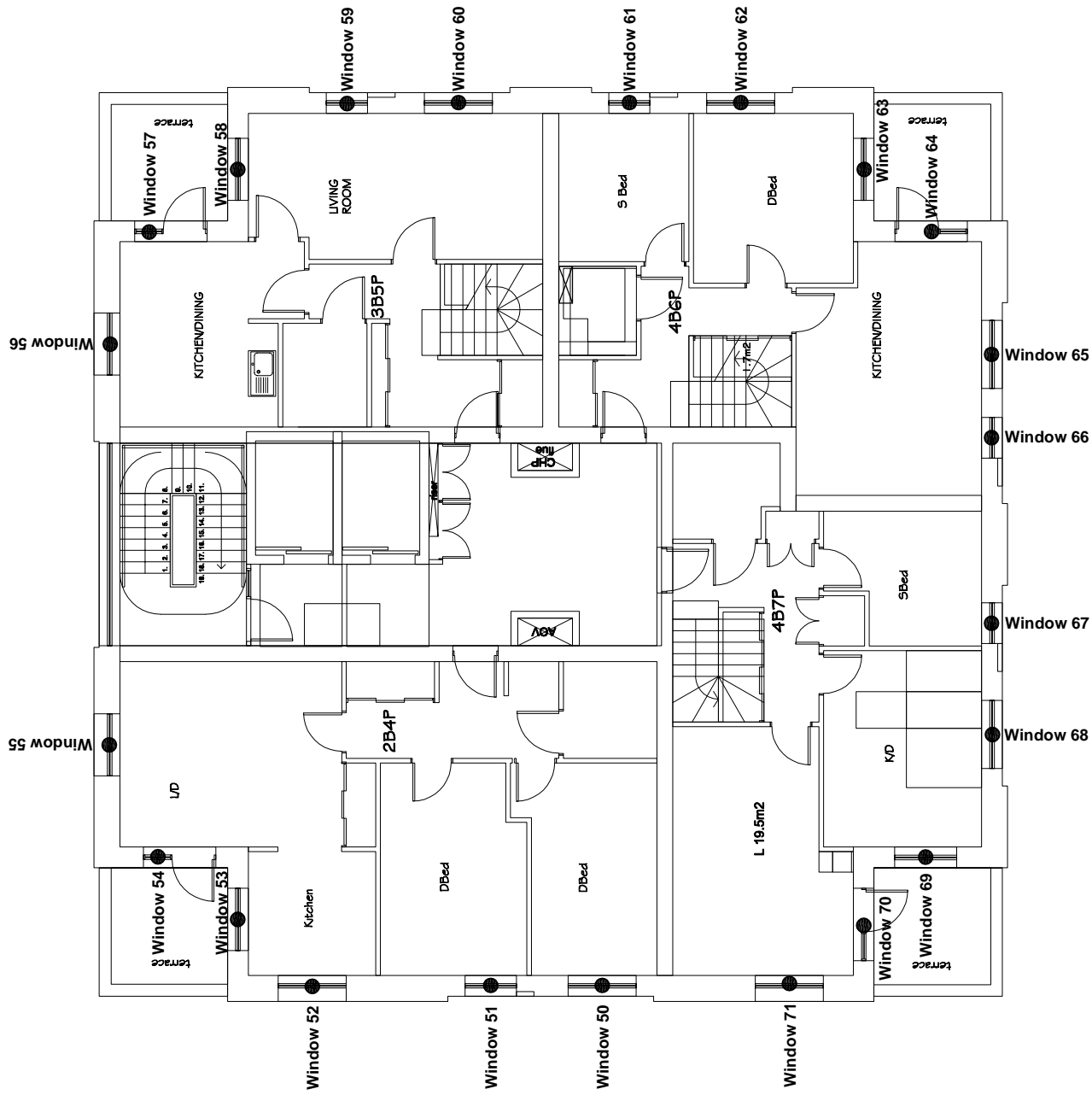


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Key:

● Window reference



Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **Window Key**

Scale: **Do not scale**

Drawing No: **4 of 11**

Rev	Date	Details of revision

Rev. -

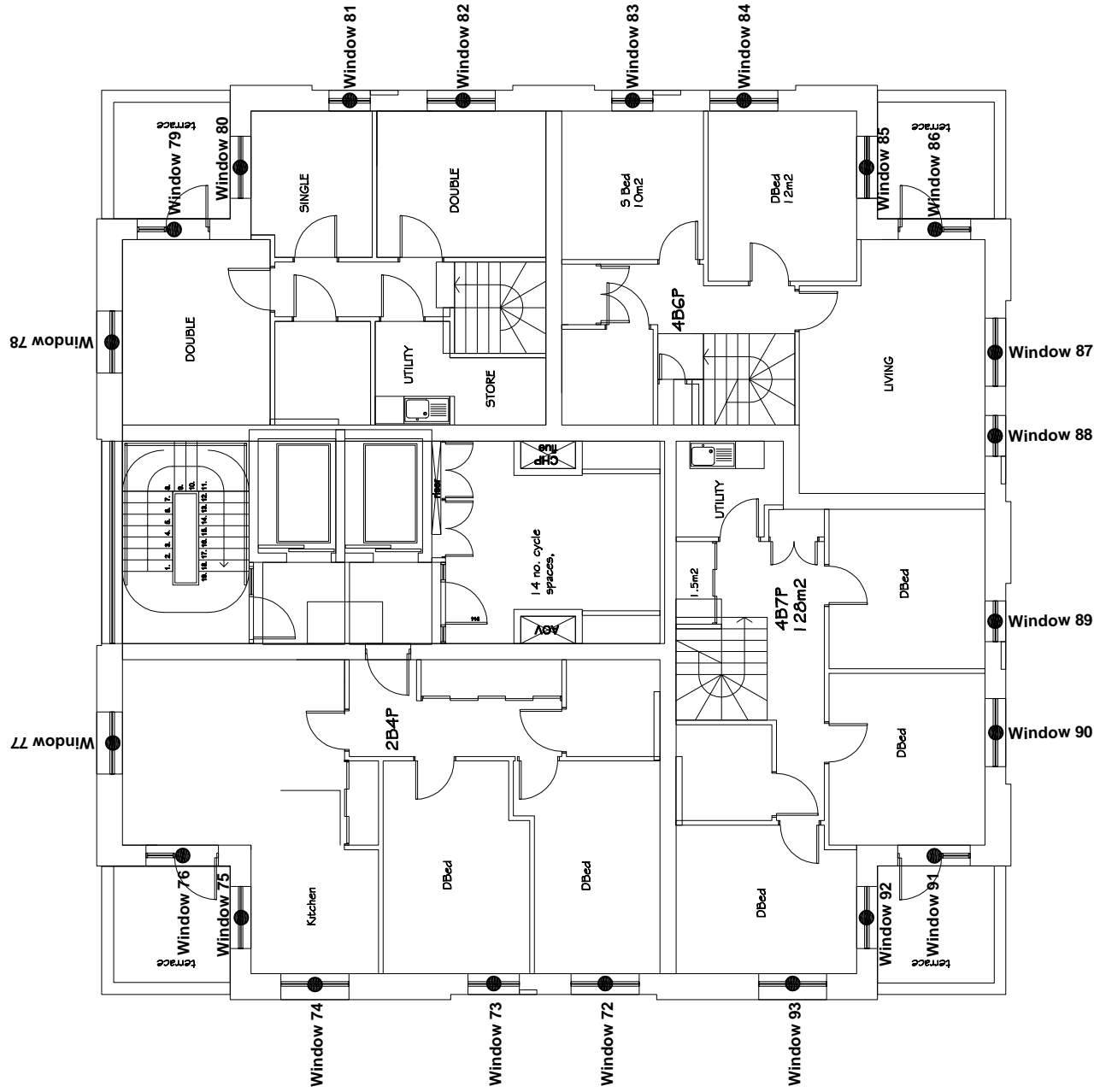
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Key:

● Window reference



Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **Window Key**

Scale: **Do not scale**

Drawing No: **5 of 11**

Rev. -

Rev

Date

Details of revision



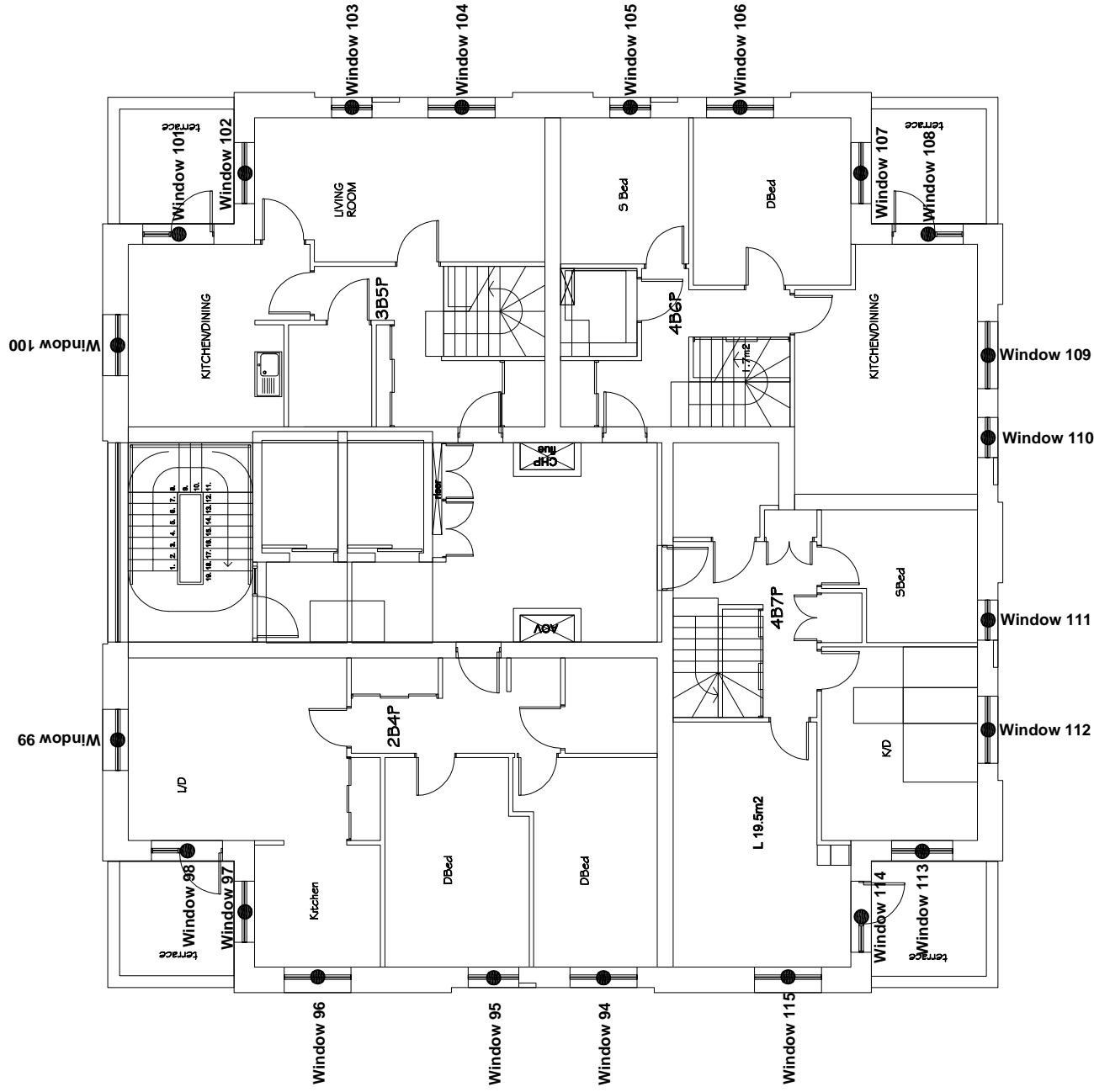
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Key:

● Window reference



Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **Window Key**

Scale: **Do not scale**

Drawing No: **6 of 11**

Rev	Date	Details of revision

Rev. -



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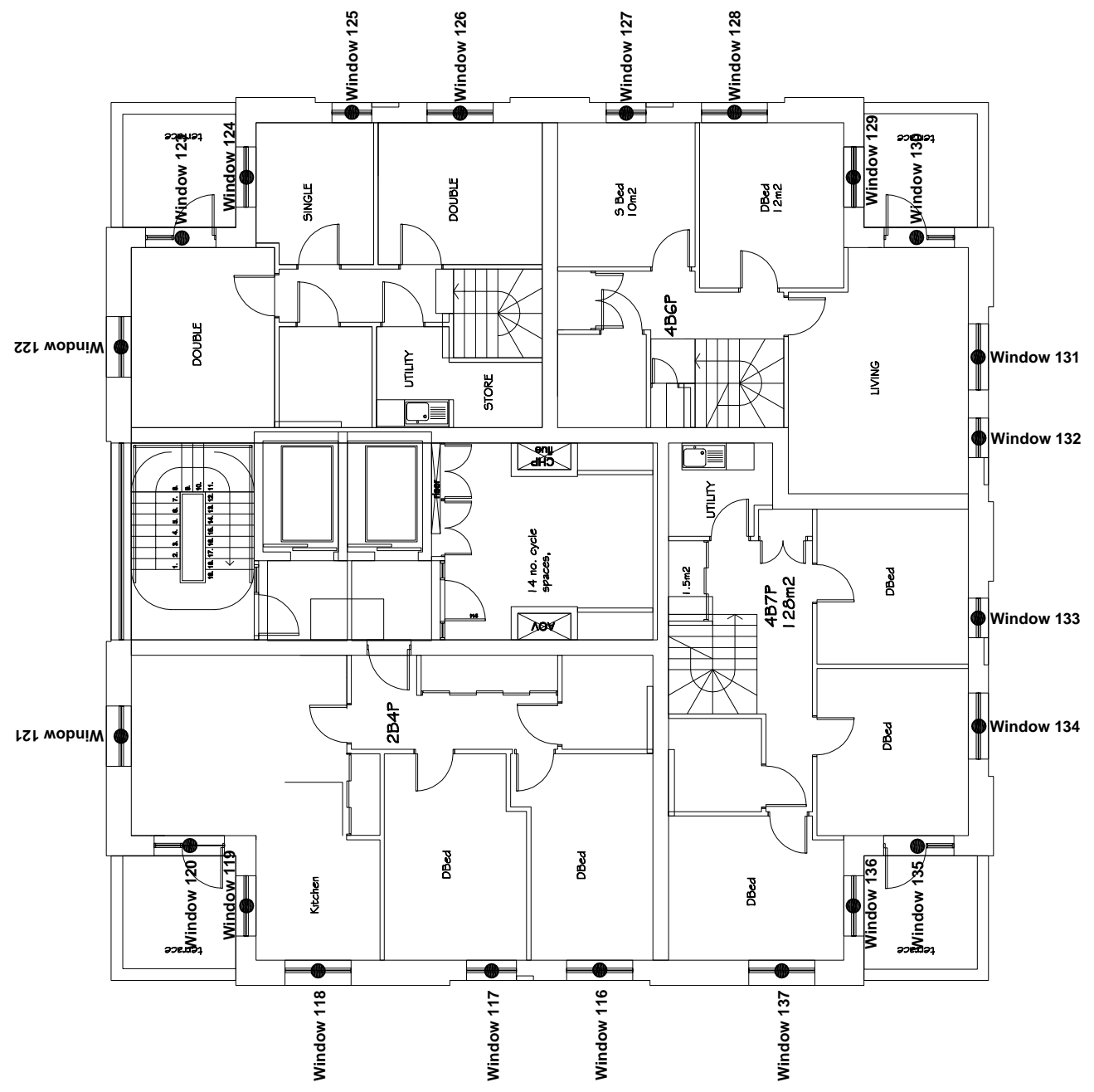
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Key:

● Window reference



Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **Window Key**

Scale: **Do not scale**

Drawing No: **7 of 11**

Rev	Date	Details of revision

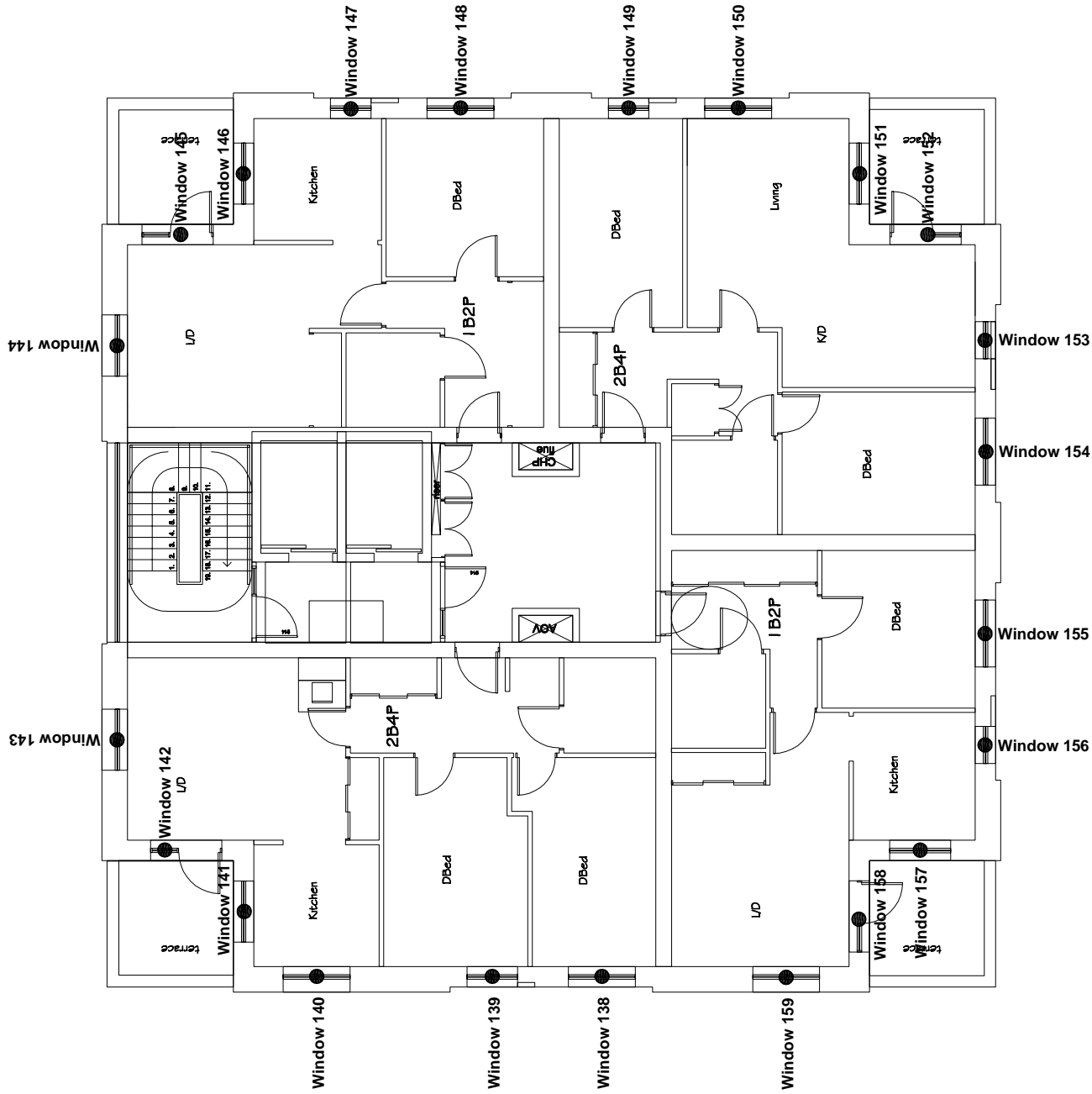
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Key:

● Window reference



Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **Window Key**

Scale: **Do not scale**

Drawing No: **8 of 11**

Rev. -

Rev. Date Details of revision



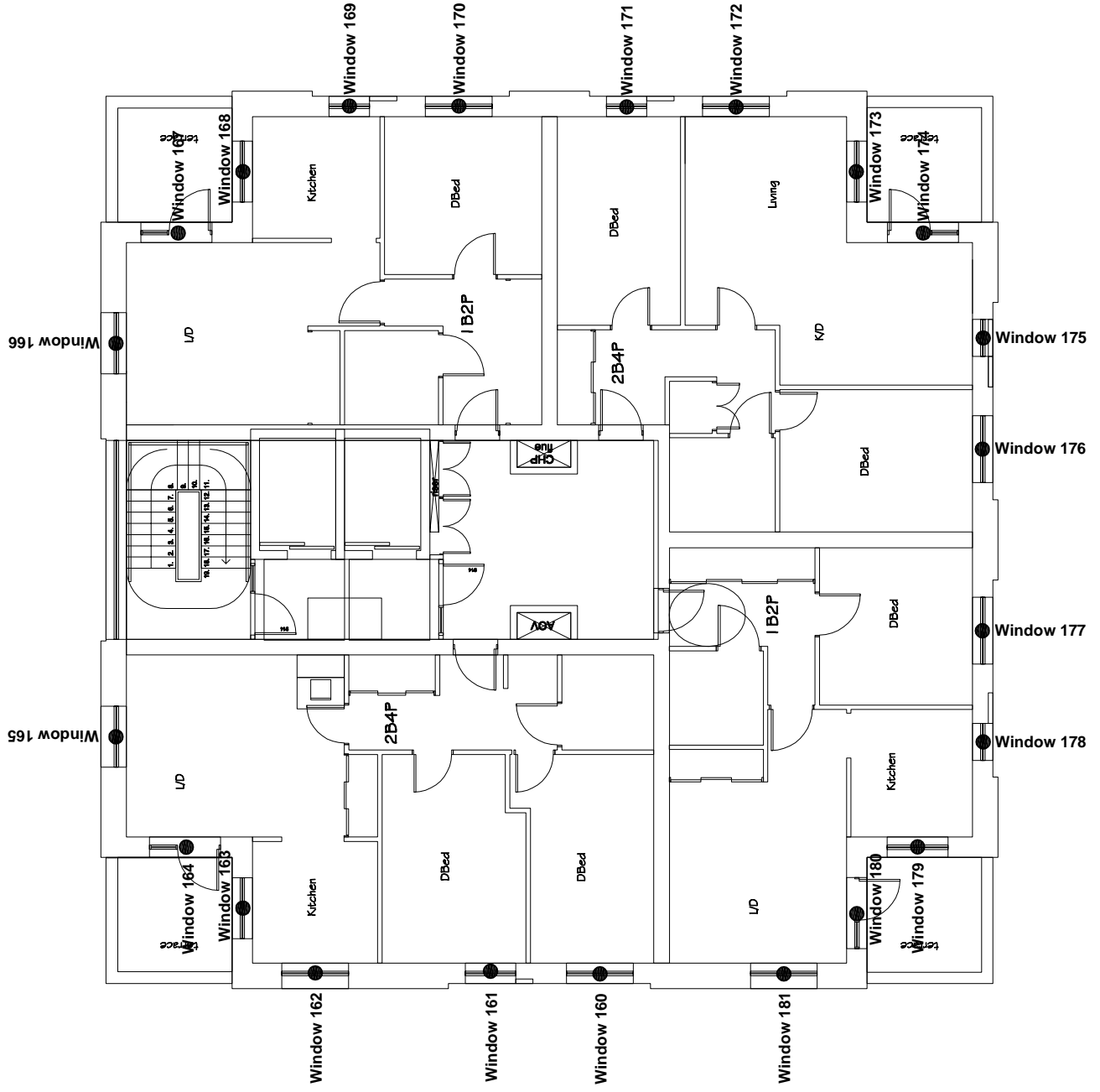
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Key:

● Window reference



Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **Window Key**

Scale: **Do not scale**

Drawing No: **9 of 11**

Rev. -

Rev Date Details of revision



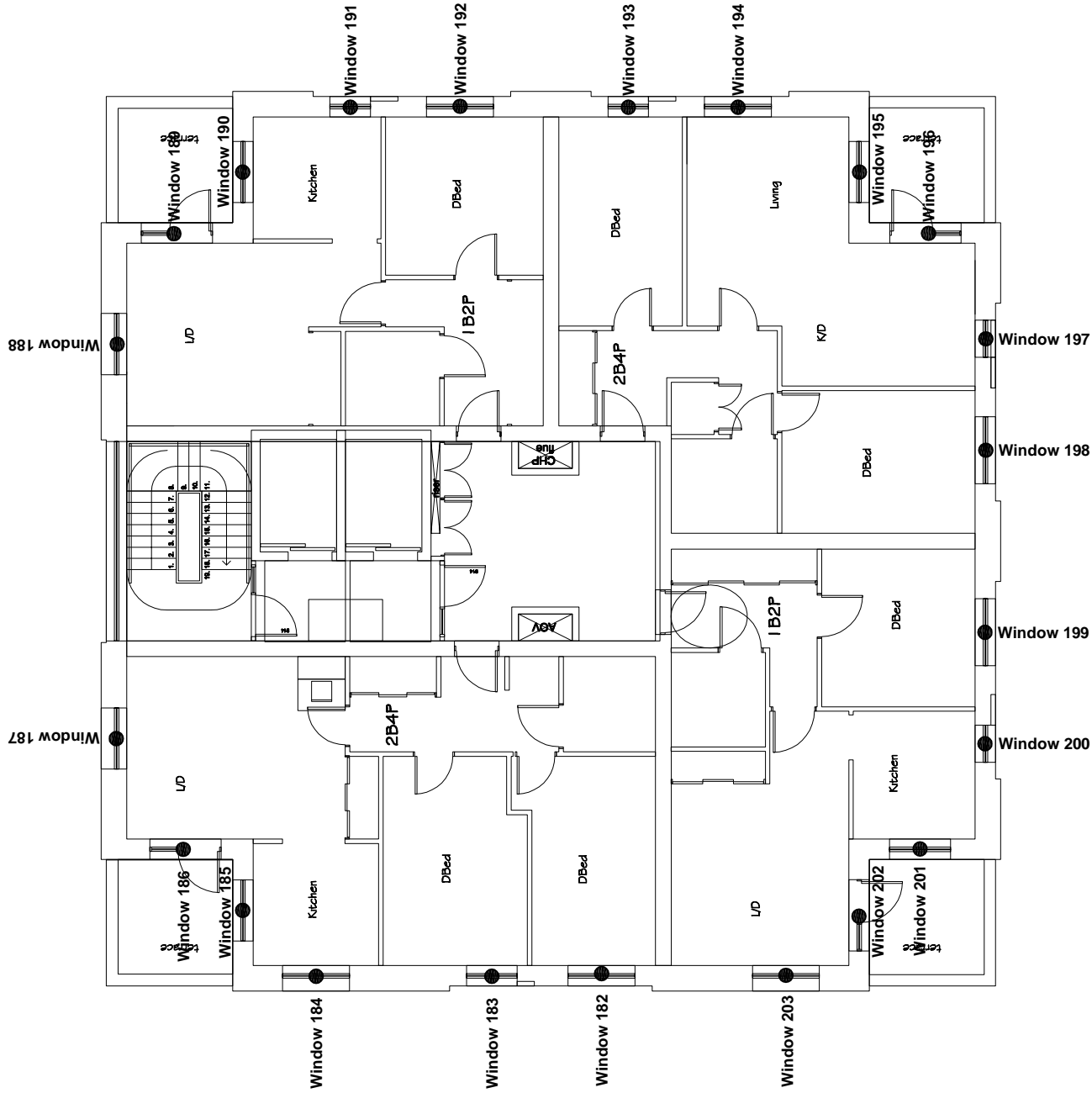
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Key:

● Window reference



Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **Window Key**

Scale: **Do not scale**

Drawing No: **10 of 11**

Rev. -

Rev	Date	Details of revision



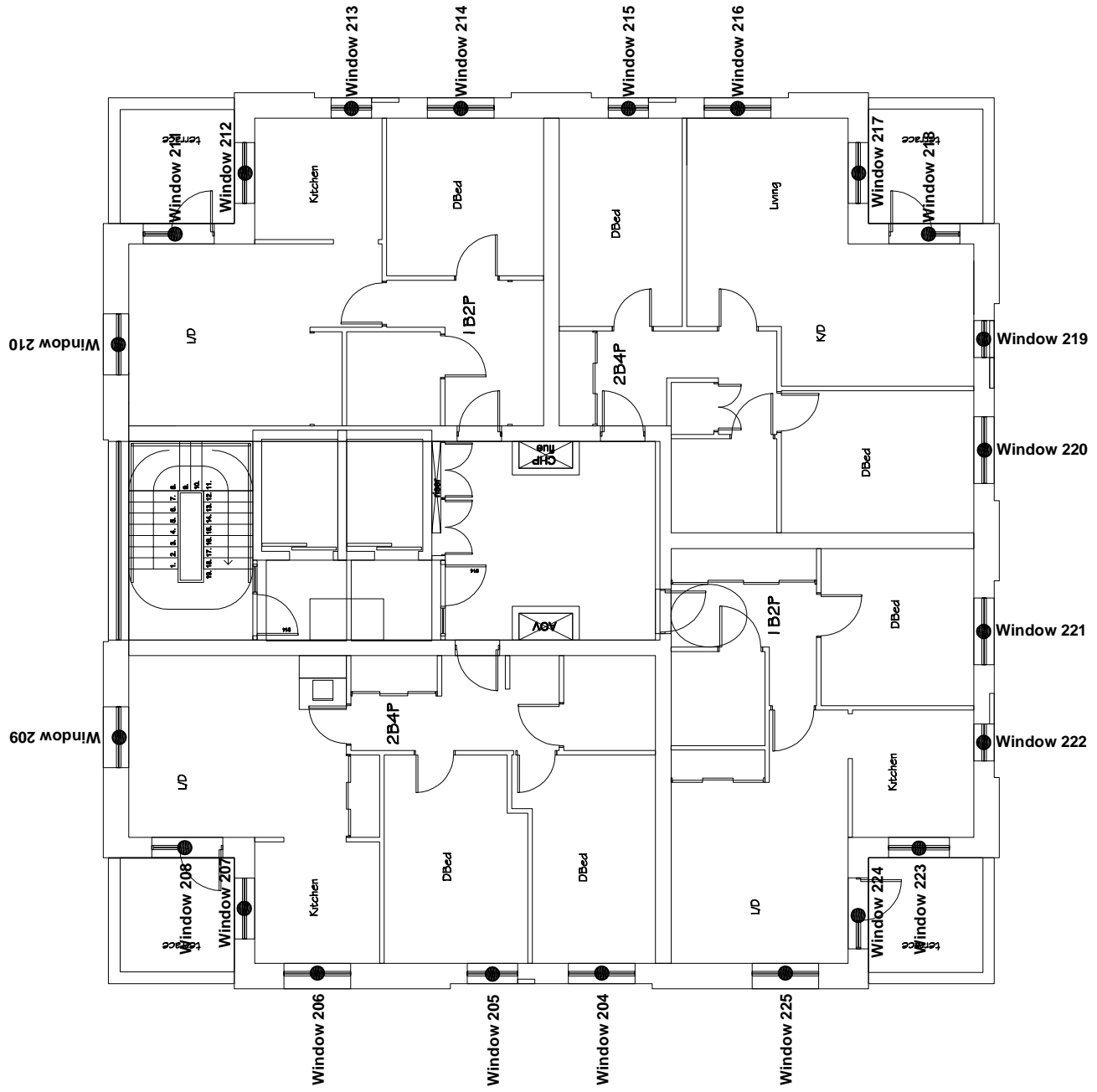
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Key:

● Window reference



Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **Window Key**

Scale: **Do not scale**

Drawing No: **11 of 11**

Rev	Date	Details of revision



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APPENDIX 4.2

DAYLIGHT AND SUNLIGHT CALCULATIONS

**Appendix 4.2 - Average Daylight Factor (ADF)
Regents Park Estate, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients					Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result
<u>Proposed Ground Floor</u>									
Window 1 (lower)			0.68	0.66	135.8	0.73	56.0	0.2%	
Window 1 (upper)			0.68	2.22	135.8	0.73	58.4	1.4%	
Total ADF for room	Bedroom	1.0%						1.6%	Pass
Window 2 (lower)			0.68	1.1	129.35	0.74	55.7	0.3%	
Window 2 (upper)			0.68	2.38	129.35	0.74	58.3	1.6%	
Total ADF for room	Bedroom	1.0%						1.9%	Pass
Window 3 (lower)			0.68	0.66	179.93	0.71	55.7	0.1%	
Window 3 (upper)			0.68	2.22	179.93	0.71	58.1	1.0%	
Window 4 (lower)			0.68	1.09	179.93	0.71	55.1	0.2%	
Window 4 (upper)			0.68	2.37	179.93	0.71	57.7	1.0%	
Window 5 (lower)			0.68	0.61	179.93	0.71	48.6	0.1%	
Window 5 (upper)			0.68	2.03	179.93	0.71	50.3	0.8%	
Total ADF for room	Living/Dining/Kitchen	2.0%						3.2%	Pass
<u>Proposed First Floor</u>									
Window 6 (lower)			0.68	1.03	72.65	0.71	66.5	0.5%	
Window 6 (upper)			0.68	1.68	72.65	0.71	68.9	2.2%	
Total ADF for room	Bedroom	1.0%						2.7%	Pass
Window 7 (lower)			0.68	0.77	74.68	0.71	66.5	0.4%	
Window 7 (upper)			0.68	1.27	74.68	0.71	69.0	1.6%	
Total ADF for room	Bedroom	1.0%						2.0%	Pass
Window 8 (lower)			0.68	1.03	131.82	0.68	66.5	0.2%	
Window 8 (upper)			0.68	1.68	131.82	0.68	69.0	1.1%	
Window 9			0.68	1.3	131.82	0.68	45.4	0.6%	
Window 10 (lower)			0.68	1.09	131.82	0.68	51.0	0.2%	
Window 10 (upper)			0.68	1.8	131.82	0.68	52.7	0.9%	
Window 11 (lower)			0.68	0.93	131.82	0.68	58.0	0.2%	
Window 11 (upper)			0.68	1.53	131.82	0.68	59.7	0.9%	
Total ADF for room	Living/Dining/Kitchen	2.0%						4.1%	Pass
Window 12 (lower)			0.68	0.94	81.1	0.69	65.4	0.4%	
Window 12 (upper)			0.68	1.53	81.1	0.69	66.7	1.6%	

**Appendix 4.2 - Average Daylight Factor (ADF)
Regents Park Estate, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients						Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result	
Window 13 (lower)	Kitchen/Dining	2.0%	0.68	1.09	81.1	0.69	48.3	0.3%	Pass	
Window 13 (upper)			0.68	1.8	81.1	0.69	49.4	1.4%		
Total ADF for room			0.68	1.3	96.56	0.69	55.1	1.0%		
Window 14	Living Room	1.5%	0.68	0.62	96.56	0.69	61.9	0.2%	Pass	
Window 15 (lower)			0.68	1.01	96.56	0.69	63.5	0.9%		
Window 15 (upper)			0.68	1.03	96.56	0.69	62.8	0.4%		
Window 16 (lower)			0.68	1.68	96.56	0.69	64.2	1.4%		
Total ADF for room			0.68	0.62	54.11	0.72	63.2	3.9%		
Window 17 (lower)	Bedroom	1.0%	0.68	1.01	54.11	0.72	64.7	0.4%	Pass	
Window 17 (upper)			0.68	1.03	68.33	0.68	64.3	1.7%		
Total ADF for room			0.68	1.68	68.33	0.68	65.7	2.1%		
Window 18 (lower)			0.68	0.94	68.33	0.68	58.1	0.5%		
Window 18 (upper)			0.68	1.54	68.33	0.68	58.4	2.0%		
Window 19 (lower)	Bedroom	1.0%	0.68	1.09	98.82	0.67	54.0	0.4%	Pass	
Window 19 (upper)			0.68	1.8	98.82	0.67	54.6	1.7%		
Total ADF for room			0.68	1.03	98.82	0.67	65.4	4.6%		
Window 20 (lower)			0.68	1.68	98.82	0.67	66.2	0.3%		
Window 20 (upper)			0.68	0.61	98.82	0.67	63.9	1.2%		
Window 21 (lower)	Kitchen/Dining	2.0%	0.68	1.0	98.82	0.67	64.8	0.2%	Pass	
Window 21 (upper)			0.68	0.61	98.82	0.67	59.8	0.8%		
Total ADF for room			0.68	0.61	55.44	0.72	58.8	4.2%		
Window 22 (lower)			0.68	1.0	55.44	0.72	59.8	0.4%		
Window 22 (upper)			0.68	1.03	75.28	0.69	56.0	1.5%		
Window 23 (lower)	Bedroom	1.0%	0.68	1.68	75.28	0.69	57.1	0.4%	Pass	
Window 23 (upper)			0.68	1.3	75.28	0.69	51.1	1.7%		
Total ADF for room			0.68	1.09	94.05	0.69	38.4	1.2%		
Window 24 (lower)			0.68	1.03	75.28	0.69	56.0	3.3%		
Window 24 (upper)			0.68	1.3	75.28	0.69	51.1	0.2%		
Window 25	Kitchen/Dining	1.5%	0.68	1.09	94.05	0.69	38.4	0.4%	Pass	
Total ADF for room			0.68	1.09	94.05	0.69	38.4	0.2%		
Window 26 (lower)			0.68	1.09	94.05	0.69	38.4	0.2%		

**Appendix 4.2 - Average Daylight Factor (ADF)
Regents Park Estate, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients						Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result	
Window 26 (upper)			0.68	1.8	94.05	0.69	39.8	1.0%		
Window 27 (lower)			0.68	1.03	94.05	0.69	66.1	0.4%		
Window 27 (upper)			0.68	1.68	94.05	0.69	68.4	1.6%		
Total ADF for room	Living Room	1.5%						3.2%	Pass	
<u>Proposed Second Floor</u>										
Window 28 (lower)			0.68	1.03	72.65	0.71	73.8	0.6%		
Window 28 (upper)			0.68	1.68	72.65	0.71	76.3	2.4%		
Total ADF for room	Bedroom	1.0%						3.0%	Pass	
Window 29 (lower)			0.68	0.77	74.68	0.71	73.9	0.4%		
Window 29 (upper)			0.68	1.27	74.68	0.71	76.5	1.8%		
Total ADF for room	Bedroom	1.0%						2.2%	Pass	
Window 30 (lower)			0.68	1.03	131.82	0.68	74.1	0.3%		
Window 30 (upper)			0.68	1.68	131.82	0.68	76.7	1.2%		
Window 31			0.68	1.17	131.82	0.68	49.8	0.6%		
Window 32 (lower)			0.68	1.09	131.82	0.68	55.4	0.2%		
Window 32 (upper)			0.68	1.8	131.82	0.68	57.0	1.0%		
Window 33 (lower)			0.68	0.93	131.82	0.68	63.5	0.2%		
Window 33 (upper)			0.68	1.53	131.82	0.68	65.5	1.0%		
Total ADF for room	Kitchen	2.0%						4.6%	Pass	
Window 34 (lower)			0.68	0.94	68.87	0.68	69.7	0.5%		
Window 34 (upper)			0.68	1.53	68.87	0.68	71.3	2.0%		
Window 35 (lower)			0.68	1.09	68.87	0.68	51.6	0.4%		
Window 35 (upper)			0.68	1.8	68.87	0.68	52.8	1.7%		
Total ADF for room	Bedroom	1.0%						4.6%	Pass	
Window 36			0.68	1.17	50.59	0.7	57.1	1.8%		
Window 37 (lower)			0.68	0.62	50.59	0.7	66.5	0.4%		
Window 37 (upper)			0.68	1.01	50.59	0.7	68.2	1.8%		
Total ADF for room	Bedroom	1.0%						4.0%	Pass	
Window 38 (lower)			0.68	1.03	63.99	0.7	67.3	0.6%		
Window 38 (upper)			0.68	1.68	63.99	0.7	68.9	2.4%		
Total ADF for room	Bedroom	1.0%						3.0%	Pass	

**Appendix 4.2 - Average Daylight Factor (ADF)
Regents Park Estate, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients						Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result	
Window 39 (lower)			0.68	0.82	57.25	0.72	67.6	0.4%		
Window 39 (upper)			0.68	1.01	57.25	0.72	69.2	1.7%		
Total ADF for room	Bedroom	1.0%						2.1%	Pass	
Window 40 (lower)			0.68	1.03	64.94	0.68	68.6	0.6%		
Window 40 (upper)			0.68	1.68	64.94	0.68	70.1	2.3%		
Window 41 (lower)			0.68	0.92	64.94	0.68	59.1	0.4%		
Window 41 (upper)			0.68	1.54	64.94	0.68	59.5	1.8%		
Total ADF for room	Bedroom	1.0%						5.1%	Pass	
Window 42 (lower)			0.68	1.09	98.82	0.67	56.3	0.3%		
Window 42 (upper)			0.68	1.8	98.82	0.67	56.9	1.3%		
Window 43 (lower)			0.68	1.03	98.82	0.67	68.2	0.4%		
Window 43 (upper)			0.68	1.68	98.82	0.67	69.2	1.5%		
Window 44 (lower)			0.68	0.61	98.82	0.67	66.8	0.2%		
Window 44 (upper)			0.68	1.0	98.82	0.67	67.9	0.9%		
Total ADF for room	Living Room	1.5%						4.6%	Pass	
Window 45 (lower)			0.68	0.61	64.22	0.72	61.9	0.3%		
Window 45 (upper)			0.68	1.0	64.22	0.72	63.2	1.4%		
Total ADF for room	Bedroom	1.0%						1.7%	Pass	
Window 46 (lower)			0.68	1.03	67.69	0.68	59.5	0.4%		
Window 46 (upper)			0.68	1.68	67.69	0.68	60.8	1.9%		
Window 47 (lower)			0.68	1.09	67.69	0.68	54.9	0.4%		
Window 47 (upper)			0.68	1.8	67.69	0.68	55.6	1.8%		
Total ADF for room	Bedroom	1.0%						4.6%	Pass	
Window 48 (lower)			0.68	0.92	67.06	0.68	42.2	0.3%		
Window 48 (upper)			0.68	1.54	67.06	0.68	43.2	1.3%		
Window 49 (lower)			0.68	1.03	67.06	0.68	73.1	0.6%		
Window 49 (upper)			0.68	1.68	67.06	0.68	75.4	2.4%		
Total ADF for room	Bedroom	1.0%						4.5%	Pass	
<u>Proposed Third Floor</u>										
Window 50 (lower)			0.68	1.03	72.65	0.71	80.0	0.6%		
Window 50 (upper)			0.68	1.68	72.65	0.71	81.0	2.6%		
Total ADF for room	Bedroom	1.0%						3.2%	Pass	

**Appendix 4.2 - Average Daylight Factor (ADF)
Regents Park Estate, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients						Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result	
Window 51 (lower)	Bedroom	1.0%	0.68	0.77	74.68	0.71	80.1	0.4%	Pass	
Window 51 (upper)			0.68	1.27	74.68	0.71	81.2	1.9%		
Total ADF for room										2.3%
Window 52 (lower)	Bedroom	1.0%	0.68	1.03	131.82	0.68	80.5	0.3%	Pass	
Window 52 (upper)			0.68	1.68	131.82	0.68	81.6	1.3%		
Window 53			0.68	1.3	131.82	0.68	54.3	0.7%		
Window 54 (lower)			0.68	1.09	131.82	0.68	59.0	0.2%		
Window 54 (upper)			0.68	1.8	131.82	0.68	59.9	1.0%		
Window 55 (lower)	Living/Dining/Kitchen	2.0%	0.68	0.93	131.82	0.68	69.7	0.2%	Pass	
Window 55 (upper)			0.68	1.53	131.82	0.68	71.9	1.0%		
Total ADF for room										4.8%
Window 56 (lower)	Kitchen/Dining	2.0%	0.68	0.94	81.1	0.69	74.6	0.4%	Pass	
Window 56 (upper)			0.68	1.53	81.1	0.69	76.4	1.9%		
Window 57 (lower)			0.68	1.09	81.1	0.69	55.0	0.4%		
Window 57 (upper)			0.68	1.8	81.1	0.69	56.2	1.6%		
Total ADF for room										4.3%
Window 58	Living Room	1.5%	0.68	1.3	96.56	0.69	59.2	1.0%	Pass	
Window 59 (lower)			0.68	0.62	96.56	0.69	71.5	0.2%		
Window 59 (upper)			0.68	1.01	96.56	0.69	73.2	1.0%		
Window 60 (lower)			0.68	1.03	96.56	0.69	72.2	0.4%		
Window 60 (upper)			0.68	1.68	96.56	0.69	73.9	1.6%		
Total ADF for room							4.2%			
Window 61 (lower)	Bedroom	1.0%	0.68	0.62	54.11	0.72	72.3	0.5%	Pass	
Window 61 (upper)			0.68	1.01	54.11	0.72	74.0	1.9%		
Total ADF for room										2.4%
Window 62 (lower)	Bedroom	1.0%	0.68	1.03	68.33	0.68	73.2	0.6%	Pass	
Window 62 (upper)			0.68	1.68	68.33	0.68	74.8	2.3%		
Window 63 (lower)			0.68	0.94	68.33	0.68	60.3	0.4%		
Window 63 (upper)	Bedroom	1.0%	0.68	1.54	68.33	0.68	60.6	1.7%	Pass	
Total ADF for room										5.0%
Window 64 (lower)			0.68	1.09	98.82	0.67	58.6	0.3%		
Window 64 (upper)		0.68	1.8	98.82	0.67	59.1	1.3%			

**Appendix 4.2 - Average Daylight Factor (ADF)
Regents Park Estate, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients						Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result	
Window 65 (lower)			0.68	1.03	98.82	0.67	71.6	0.4%		
Window 65 (upper)			0.68	1.68	98.82	0.67	72.8	1.5%		
Window 66 (lower)			0.68	0.61	98.82	0.67	70.3	0.2%		
Window 66 (upper)			0.68	1.0	98.82	0.67	71.6	0.9%		
Total ADF for room	Kitchen/Dining	2.0%						4.6%	Pass	
Window 67 (lower)			0.68	0.61	55.44	0.72	65.9	0.4%		
Window 67 (upper)			0.68	1.0	55.44	0.72	67.4	1.7%		
Total ADF for room	Bedroom	1.0%						2.1%	Pass	
Window 68 (lower)			0.68	1.03	75.28	0.69	63.8	0.4%		
Window 68 (upper)			0.68	1.68	75.28	0.69	65.5	1.9%		
Window 69			0.68	1.3	75.28	0.69	57.8	1.3%		
Total ADF for room	Kitchen/Dining	2.0%						3.6%	Pass	
Window 70 (lower)			0.68	1.09	94.05	0.69	46.4	0.3%		
Window 70 (upper)			0.68	1.8	94.05	0.69	48.0	1.2%		
Window 71 (lower)			0.68	1.03	94.05	0.69	79.3	0.4%		
Window 71 (upper)			0.68	1.68	94.05	0.69	80.3	1.8%		
Total ADF for room	Living Room	1.5%						3.7%	Pass	
<u>Proposed Fourth Floor</u>										
Window 72 (lower)			0.68	1.03	72.65	0.71	83.1	0.6%		
Window 72 (upper)			0.68	1.68	72.65	0.71	83.9	2.6%		
Total ADF for room	Bedroom	1.0%						3.2%	Pass	
Window 73 (lower)			0.68	0.77	74.68	0.71	83.2	0.5%		
Window 73 (upper)			0.68	1.27	74.68	0.71	84.0	2.0%		
Total ADF for room	Bedroom	1.0%						2.5%	Pass	
Window 74 (lower)			0.68	1.03	131.82	0.68	83.8	0.3%		
Window 74 (upper)			0.68	1.68	131.82	0.68	84.6	1.4%		
Window 75			0.68	1.17	131.82	0.68	58.5	0.7%		
Window 76 (lower)			0.68	1.09	131.82	0.68	61.0	0.2%		
Window 76 (upper)			0.68	1.8	131.82	0.68	61.7	1.1%		
Window 77 (lower)			0.68	0.93	131.82	0.68	76.5	0.3%		
Window 77 (upper)			0.68	1.53	131.82	0.68	78.9	1.1%		
Total ADF for room	Living/Dining/Kitchen	2.0%						5.1%	Pass	

**Appendix 4.2 - Average Daylight Factor (ADF)
Regents Park Estate, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients					Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result
Window 78 (lower)			0.68	0.94	68.87	0.68	79.8	0.6%	
Window 78 (upper)			0.68	1.53	68.87	0.68	81.5	2.3%	
Window 79 (lower)			0.68	1.09	68.87	0.68	58.3	0.5%	
Window 79 (upper)			0.68	1.8	68.87	0.68	59.4	2.0%	
Total ADF for room	Bedroom	1.0%						5.3%	Pass
Window 80			0.68	1.17	50.59	0.7	61.1	1.9%	
Window 81 (lower)			0.68	0.62	50.59	0.7	76.5	0.5%	
Window 81 (upper)			0.68	1.01	50.59	0.7	78.2	2.1%	
Total ADF for room	Bedroom	1.0%						4.5%	Pass
Window 82 (lower)			0.68	1.03	63.99	0.7	77.2	0.7%	
Window 82 (upper)			0.68	1.68	63.99	0.7	78.8	2.8%	
Total ADF for room	Bedroom	1.0%						3.5%	Pass
Window 83 (lower)			0.68	0.62	57.25	0.72	77.1	0.5%	
Window 83 (upper)			0.68	1.01	57.25	0.72	78.7	2.0%	
Total ADF for room	Bedroom	1.0%						2.5%	Pass
Window 84 (lower)			0.68	1.03	64.94	0.68	77.9	0.6%	
Window 84 (upper)			0.68	1.68	64.94	0.68	79.4	2.6%	
Window 85 (lower)			0.68	0.92	64.94	0.68	61.5	0.4%	
Window 85 (upper)			0.68	1.54	64.94	0.68	61.7	1.8%	
Total ADF for room	Bedroom	1.0%						5.4%	Pass
Window 86 (lower)			0.68	1.09	98.82	0.67	60.8	0.3%	
Window 86 (upper)			0.68	1.8	98.82	0.67	61.2	1.4%	
Window 87 (lower)			0.68	1.03	98.82	0.67	75.5	0.4%	
Window 87 (upper)			0.68	1.68	98.82	0.67	76.9	1.6%	
Window 88 (lower)			0.68	0.61	98.82	0.67	74.4	0.2%	
Window 88 (upper)			0.68	1.0	98.82	0.67	75.9	1.0%	
Total ADF for room	Living Room	1.5%						5.0%	Pass
Window 89 (lower)			0.68	0.61	64.22	0.72	70.7	0.4%	
Window 89 (upper)			0.68	1.0	64.22	0.72	72.5	1.6%	
Total ADF for room	Bedroom	1.0%						2.0%	Pass
Window 90 (lower)			0.68	1.03	67.69	0.68	69.1	0.5%	

**Appendix 4.2 - Average Daylight Factor (ADF)
Regents Park Estate, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients						Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result	
Window 90 (upper)			0.68	1.68	67.69	0.68	71.0	2.2%		
Window 91 (lower)			0.68	1.09	67.69	0.68	60.6	0.5%		
Window 91 (upper)			0.68	1.8	67.69	0.68	60.5	2.0%		
Total ADF for room	Bedroom	1.0%						5.2%	Pass	
Window 92 (lower)			0.68	0.92	67.06	0.68	50.6	0.4%		
Window 92 (upper)			0.68	1.54	67.06	0.68	51.9	1.5%		
Window 93 (lower)			0.68	1.03	67.06	0.68	82.4	0.6%		
Window 93 (upper)			0.68	1.68	67.06	0.68	83.2	2.6%		
Total ADF for room	Bedroom	1.0%						5.1%	Pass	
<u>Proposed Fifth Floor</u>										
Window 94 (lower)			0.68	1.03	72.65	0.71	85.5	0.6%		
Window 94 (upper)			0.68	1.68	72.65	0.71	86.2	2.7%		
Total ADF for room	Bedroom	1.0%						3.3%	Pass	
Window 95 (lower)			0.68	0.77	74.68	0.71	85.9	0.5%		
Window 95 (upper)			0.68	1.27	74.68	0.71	86.4	2.0%		
Total ADF for room	Bedroom	1.0%						2.5%	Pass	
Window 96 (lower)			0.68	1.03	131.82	0.68	86.4	0.3%		
Window 96 (upper)			0.68	1.68	131.82	0.68	87.1	1.4%		
Window 97			0.68	1.3	131.82	0.68	62.2	0.8%		
Window 98 (lower)			0.68	1.09	131.82	0.68	62.3	0.2%		
Window 98 (upper)			0.68	1.8	131.82	0.68	62.9	1.1%		
Window 99 (lower)			0.68	0.93	131.82	0.68	83.6	0.3%		
Window 99 (upper)			0.68	1.53	131.82	0.68	85.8	1.2%		
Total ADF for room	Living/Dining/Kitchen	2.0%						5.3%	Pass	
Window 100 (lower)			0.68	0.94	81.1	0.69	84.8	0.5%		
Window 100 (upper)			0.68	1.53	81.1	0.69	86.2	2.1%		
Window 101 (lower)			0.68	1.09	81.1	0.69	61.3	0.4%		
Window 101 (upper)			0.68	1.8	81.1	0.69	62.3	1.8%		
Total ADF for room	Kitchen/Dining	2.0%						4.9%	Pass	
Window 102			0.68	1.3	96.56	0.69	62.8	1.1%		
Window 103 (lower)			0.68	0.62	96.56	0.69	81.5	0.3%		
Window 103 (upper)			0.68	1.01	96.56	0.69	83.1	1.1%		

**Appendix 4.2 - Average Daylight Factor (ADF)
Regents Park Estate, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients						Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result	
Window 104 (lower)			0.68	1.03	96.56	0.69	82.1	0.4%		
Window 104 (upper)			0.68	1.68	96.56	0.69	83.7	1.9%		
Total ADF for room	Living Room	1.5%						4.8%	Pass	
Window 105 (lower)			0.68	0.62	54.11	0.72	81.8	0.5%		
Window 105 (upper)			0.68	1.01	54.11	0.72	83.4	2.2%		
Total ADF for room	Bedroom	1.0%						2.7%	Pass	
Window 106 (lower)			0.68	1.03	68.33	0.68	82.5	0.6%		
Window 106 (upper)			0.68	1.68	68.33	0.68	84.0	2.6%		
Window 107 (lower)			0.68	0.94	68.33	0.68	62.7	0.4%		
Window 107 (upper)			0.68	1.54	68.33	0.68	62.7	1.8%		
Total ADF for room	Bedroom	1.0%						5.5%	Pass	
Window 108 (lower)			0.68	1.09	98.82	0.67	62.8	0.4%		
Window 108 (upper)			0.68	1.8	98.82	0.67	63.1	1.4%		
Window 109 (lower)			0.68	1.03	98.82	0.67	79.9	0.4%		
Window 109 (upper)			0.68	1.68	98.82	0.67	81.4	1.7%		
Window 110 (lower)			0.68	0.61	98.82	0.67	79.1	0.2%		
Window 110 (upper)			0.68	1.0	98.82	0.67	80.7	1.0%		
Total ADF for room	Kitchen/Dining	2.0%						5.1%	Pass	
Window 111 (lower)			0.68	0.61	55.44	0.72	76.2	0.5%		
Window 111 (upper)			0.68	1.0	55.44	0.72	78.3	2.0%		
Total ADF for room	Bedroom	1.0%						2.5%	Pass	
Window 112 (lower)			0.68	1.03	75.28	0.69	75.2	0.5%		
Window 112 (upper)			0.68	1.68	75.28	0.69	77.5	2.3%		
Window 113			0.68	1.3	75.28	0.69	61.3	1.4%		
Total ADF for room	Kitchen/Dining	2.0%						4.2%	Pass	
Window 114 (lower)			0.68	1.09	94.05	0.69	55.5	0.3%		
Window 114 (upper)			0.68	1.8	94.05	0.69	57.2	1.4%		
Window 115 (lower)			0.68	1.03	94.05	0.69	85.1	0.5%		
Window 115 (upper)			0.68	1.68	94.05	0.69	85.8	2.0%		
Total ADF for room	Living Room	1.5%						4.2%	Pass	

**Appendix 4.2 - Average Daylight Factor (ADF)
Regents Park Estate, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients						Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result	
<u>Proposed Sixth Floor</u>										
Window 116 (lower)			0.68	1.03	72.65	0.71	87.5	0.7%		
Window 116 (upper)			0.68	1.68	72.65	0.71	87.7	2.8%		
Total ADF for room	Bedroom	1.0%						3.5%	Pass	
Window 117 (lower)			0.68	0.77	74.68	0.71	87.5	0.5%		
Window 117 (upper)			0.68	1.27	74.68	0.71	87.7	2.1%		
Total ADF for room	Bedroom	1.0%						2.6%	Pass	
Window 118 (lower)			0.68	1.03	131.82	0.68	88.3	0.4%		
Window 118 (upper)			0.68	1.68	131.82	0.68	88.4	1.4%		
Window 119			0.68	1.17	131.82	0.68	63.6	0.7%		
Window 120 (lower)			0.68	1.09	131.82	0.68	63.1	0.3%		
Window 120 (upper)			0.68	1.8	131.82	0.68	63.3	1.1%		
Window 121 (lower)			0.68	0.93	131.82	0.68	88.6	0.3%		
Window 121 (upper)			0.68	1.53	131.82	0.68	89.0	1.3%		
Total ADF for room	Living/Dining/Kitchen	2.0%						5.5%	Pass	
Window 122 (lower)			0.68	0.94	68.87	0.68	88.5	0.6%		
Window 122 (upper)			0.68	1.53	68.87	0.68	88.9	2.5%		
Window 123 (lower)			0.68	1.09	68.87	0.68	63.8	0.5%		
Window 123 (upper)			0.68	1.8	68.87	0.68	64.3	2.1%		
Total ADF for room	Bedroom	1.0%						5.7%	Pass	
Window 124			0.68	1.17	50.59	0.7	63.5	2.0%		
Window 125 (lower)			0.68	0.62	50.59	0.7	86.3	0.6%		
Window 125 (upper)			0.68	1.01	50.59	0.7	87.2	2.4%		
Total ADF for room	Bedroom	1.0%						5.0%	Pass	
Window 126 (lower)			0.68	1.03	63.99	0.7	86.9	0.8%		
Window 126 (upper)			0.68	1.68	63.99	0.7	87.8	3.1%		
Total ADF for room	Bedroom	1.0%						3.9%	Pass	
Window 127 (lower)			0.68	0.62	57.25	0.72	86.4	0.5%		
Window 127 (upper)			0.68	1.01	57.25	0.72	87.2	2.2%		
Total ADF for room	Bedroom	1.0%						2.7%	Pass	
Window 128 (lower)			0.68	1.03	64.94	0.68	87.0	0.7%		
Window 128 (upper)			0.68	1.68	64.94	0.68	87.8	2.9%		
Window 129 (lower)			0.68	0.92	64.94	0.68	63.6	0.4%		

**Appendix 4.2 - Average Daylight Factor (ADF)
Regents Park Estate, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients						Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result	
Window 129 (upper)	Bedroom	1.0%	0.68	1.54	64.94	0.68	63.5	1.9%	Pass	
Total ADF for room								5.9%		
Window 130 (lower)			0.68	1.09	98.82	0.67	64.5	0.4%	1.5%	
Window 130 (upper)			0.68	1.8	98.82	0.67	64.5	0.4%		
Window 131 (lower)			0.68	1.03	98.82	0.67	84.4	1.8%	0.2%	
Window 131 (upper)			0.68	1.68	98.82	0.67	85.8	0.2%		
Window 132 (lower)			0.68	0.61	98.82	0.67	84.0	1.1%	Pass	
Window 132 (upper)			0.68	1.0	98.82	0.67	85.5	5.4%		
Total ADF for room	Living Room	1.5%						0.4%	1.8%	
Window 133 (lower)			0.68	0.61	64.22	0.72	82.2	0.4%		
Window 133 (upper)			0.68	1.0	64.22	0.72	84.2	2.2%	Pass	
Total ADF for room	Bedroom	1.0%						0.6%		
Window 134 (lower)			0.68	1.03	67.69	0.68	81.9	2.6%	0.5%	
Window 134 (upper)			0.68	1.68	67.69	0.68	84.2	2.1%		
Window 135 (lower)			0.68	1.09	67.69	0.68	64.0	5.9%	Pass	
Window 135 (upper)			0.68	1.8	67.69	0.68	63.7	0.4%		
Total ADF for room	Bedroom	1.0%						1.8%	2.8%	
Window 136 (lower)			0.68	0.92	67.06	0.68	59.5	0.4%		
Window 136 (upper)			0.68	1.54	67.06	0.68	60.6	1.8%	0.7%	
Window 137 (lower)			0.68	1.03	67.06	0.68	87.3	0.7%		
Window 137 (upper)			0.68	1.68	67.06	0.68	87.7	5.7%	Pass	
Total ADF for room	Bedroom	1.0%						4.5%		
<u>Proposed Seventh Floor</u>								0.5%	2.1%	
Window 138	Bedroom	1.0%	0.68	2.7	72.65	0.71	88.8	0.5%		
Window 139 (lower)			0.68	0.77	74.68	0.71	88.4	2.1%	Pass	
Window 139 (upper)			0.68	1.27	74.68	0.71	88.6	2.6%		
Total ADF for room	Bedroom	1.0%						0.4%	1.4%	
Window 140 (lower)			0.68	1.03	131.82	0.68	89.1	0.4%		
Window 140 (upper)			0.68	1.68	131.82	0.68	89.1	1.4%	0.8%	
Window 141			0.68	1.3	131.82	0.68	63.4	0.8%		
Window 142 (lower)			0.68	1.09	131.82	0.68	62.9	0.3%	0.3%	
			0.68					0.3%		

**Appendix 4.2 - Average Daylight Factor (ADF)
Regents Park Estate, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients						Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result	
Window 142 (upper)			0.68	1.8	131.82	0.68	63.0	1.1%		
Window 143 (lower)			0.68	0.93	131.82	0.68	89.3	0.3%		
Window 143 (upper)			0.68	1.53	131.82	0.68	89.1	1.3%		
Total ADF for room	Living/Dining/Kitchen	2.0%						5.6%	Pass	
Window 144 (lower)			0.68	0.94	138.13	0.69	89.3	0.3%		
Window 144 (upper)			0.68	1.53	138.13	0.69	89.2	1.3%		
Window 145 (lower)			0.68	1.09	138.13	0.69	64.4	0.3%		
Window 145 (upper)			0.68	1.8	138.13	0.69	64.4	1.1%		
Window 146			0.68	1.31	138.13	0.69	63.3	0.8%		
Window 147 (lower)			0.68	0.62	138.13	0.69	88.0	0.2%		
Window 147 (upper)			0.68	1.01	138.13	0.69	88.2	0.8%		
Total ADF for room	Living/Dining/Kitchen	2.0%						4.8%	Pass	
Window 148 (lower)			0.68	1.03	65.81	0.7	88.6	0.8%		
Window 148 (upper)			0.68	1.68	65.81	0.7	88.7	3.1%		
Total ADF for room	Bedroom	1.0%						3.9%	Pass	
Window 149 (lower)			0.68	0.62	68.87	0.72	88.0	0.4%		
Window 149 (upper)			0.68	1.01	68.87	0.72	88.2	1.8%		
Total ADF for room	Bedroom	1.0%						2.2%	Pass	
Window 150 (lower)			0.68	1.03	128.16	0.67	88.6	0.4%		
Window 150 (upper)			0.68	1.68	128.16	0.67	88.7	1.4%		
Window 151 (lower)			0.68	0.92	128.16	0.67	63.6	0.2%		
Window 151 (upper)			0.68	1.54	128.16	0.67	63.3	0.9%		
Window 152 (lower)			0.68	1.09	128.16	0.67	65.0	0.3%		
Window 152 (upper)			0.68	1.8	128.16	0.67	64.6	1.1%		
Window 153 (lower)			0.68	0.57	128.16	0.67	87.5	0.2%		
Window 153 (upper)			0.68	0.93	128.16	0.67	88.1	0.8%		
Total ADF for room	Living/Dining/Kitchen	2.0%						5.3%	Pass	
Window 154 (lower)			0.68	1.03	71.02	0.71	88.0	0.7%		
Window 154 (upper)			0.68	1.68	71.02	0.71	88.7	2.8%		
Total ADF for room	Bedroom	1.0%						3.5%	Pass	
Window 155 (lower)			0.68	1.03	64.45	0.7	87.8	0.8%		
Window 155 (upper)			0.68	1.68	64.45	0.7	88.7	3.1%		

**Appendix 4.2 - Average Daylight Factor (ADF)
Regents Park Estate, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients					Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result
Total ADF for room	Bedroom	1.0%	0.68	0.57	136.75	0.68	86.9	3.9%	Pass
Window 156 (lower)			0.68	0.93	136.75	0.68	88.1	0.2%	
Window 156 (upper)			0.68	0.92	136.75	0.68	64.3	0.8%	
Window 157 (lower)			0.68	1.54	136.75	0.68	63.6	0.2%	
Window 157 (upper)			0.68	1.08	136.75	0.68	63.7	0.9%	
Window 158 (lower)			0.68	1.8	136.75	0.68	64.3	0.2%	
Window 158 (upper)			0.68	1.03	136.75	0.68	88.9	1.1%	
Window 159 (lower)			0.68	1.68	136.75	0.68	89.1	0.3%	
Window 159 (upper)			0.68					1.4%	
Total ADF for room	Living/Dining/Kitchen	2.0%						5.2%	Pass
<u>Proposed Eighth Floor</u>									
Window 160 (lower)			0.68	1.03	72.65	0.71	89.0	0.7%	
Window 160 (upper)			0.68	1.68	72.65	0.71	88.8	2.8%	
Total ADF for room	Bedroom	1.0%						3.5%	Pass
Window 161 (lower)			0.68	0.77	74.68	0.71	88.8	0.5%	
Window 161 (upper)			0.68	1.27	74.68	0.71	88.6	2.1%	
Total ADF for room	Bedroom	1.0%						2.6%	Pass
Window 162 (lower)			0.68	1.03	131.82	0.68	89.4	0.4%	
Window 162 (upper)			0.68	1.68	131.82	0.68	89.2	1.4%	
Window 163			0.68	1.3	131.82	0.68	62.3	0.8%	
Window 164 (lower)			0.68	1.09	131.82	0.68	62.2	0.2%	
Window 164 (upper)			0.68	1.8	131.82	0.68	62.1	1.1%	
Window 165 (lower)			0.68	0.93	131.82	0.68	89.4	0.3%	
Window 165 (upper)			0.68	1.53	131.82	0.68	89.1	1.3%	
Total ADF for room	Living/Dining/Kitchen	2.0%						5.5%	Pass
Window 166 (lower)			0.68	0.94	138.13	0.69	89.4	0.3%	
Window 166 (upper)			0.68	1.53	138.13	0.69	89.2	1.3%	
Window 167 (lower)			0.68	1.09	138.13	0.69	63.9	0.3%	
Window 167 (upper)			0.68	1.8	138.13	0.69	63.4	1.1%	
Window 168			0.68	1.31	138.13	0.69	62.3	0.8%	
Window 169 (lower)			0.68	0.62	138.13	0.69	88.4	0.2%	
Window 169 (upper)			0.68	1.01	138.13	0.69	88.3	0.8%	

**Appendix 4.2 - Average Daylight Factor (ADF)
Regents Park Estate, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients						Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result	
Window 182 (lower)			0.68	1.03	72.65	0.71	89.0	0.7%		
Window 182 (upper)			0.68	1.68	72.65	0.71	88.8	2.8%		
Total ADF for room	Bedroom	1.0%						3.5%	Pass	
Window 183 (lower)			0.68	0.77	74.68	0.71	88.8	0.5%		
Window 183 (upper)			0.68	1.27	74.68	0.71	88.6	2.1%		
Total ADF for room	Bedroom	1.0%						2.6%	Pass	
Window 184 (lower)			0.68	1.03	131.82	0.68	89.4	0.4%		
Window 184 (upper)			0.68	1.68	131.82	0.68	89.2	1.4%		
Window 185			0.68	1.3	131.82	0.68	57.8	0.7%		
Window 186 (lower)			0.68	1.09	131.82	0.68	59.8	0.2%		
Window 186 (upper)			0.68	1.8	131.82	0.68	57.8	1.0%		
Window 187 (lower)			0.68	0.93	131.82	0.68	89.4	0.3%		
Window 187 (upper)			0.68	1.53	131.82	0.68	89.1	1.3%		
Total ADF for room	Living/Dining/Kitchen	2.0%						5.3%	Pass	
Window 188 (lower)			0.68	0.94	138.13	0.69	89.4	0.3%		
Window 188 (upper)			0.68	1.53	138.13	0.69	89.2	1.3%		
Window 189 (lower)			0.68	1.09	138.13	0.69	61.5	0.2%		
Window 189 (upper)			0.68	1.8	138.13	0.69	59.1	1.0%		
Window 190			0.68	1.31	138.13	0.69	57.8	0.7%		
Window 191 (lower)			0.68	0.62	138.13	0.69	88.4	0.2%		
Window 191 (upper)			0.68	1.01	138.13	0.69	88.3	0.8%		
Total ADF for room	Living/Dining/Kitchen	2.0%						4.6%	Pass	
Window 192 (lower)			0.68	1.03	65.81	0.7	89.0	0.8%		
Window 192 (upper)			0.68	1.68	65.81	0.7	88.8	3.1%		
Total ADF for room	Bedroom	1.0%						3.9%	Pass	
Window 193 (lower)			0.68	0.62	68.87	0.72	88.4	0.4%		
Window 193 (upper)			0.68	1.01	68.87	0.72	88.3	1.8%		
Total ADF for room	Bedroom	1.0%						2.2%	Pass	
Window 194 (lower)			0.68	1.03	128.16	0.67	89.0	0.4%		
Window 194 (upper)			0.68	1.68	128.16	0.67	88.8	1.4%		
Window 195 (lower)			0.68	0.92	128.16	0.67	60.5	0.2%		
Window 195 (upper)			0.68	1.54	128.16	0.67	58.1	0.9%		

**Appendix 4.2 - Average Daylight Factor (ADF)
Regents Park Estate, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients						Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result	
Window 196 (lower)			0.68	1.09	128.16	0.67	62.0	0.3%		
Window 196 (upper)			0.68	1.8	128.16	0.67	59.4	1.0%		
Window 197 (lower)			0.68	0.57	128.16	0.67	88.3	0.2%		
Window 197 (upper)			0.68	0.93	128.16	0.67	88.2	0.8%		
Total ADF for room	Living/Dining/Kitchen	2.0%						5.1%	Pass	
Window 198 (lower)			0.68	1.03	71.02	0.71	89.0	0.7%		
Window 198 (upper)			0.68	1.68	71.02	0.71	88.8	2.8%		
Total ADF for room	Bedroom	1.0%						3.5%	Pass	
Window 199 (lower)			0.68	1.03	64.45	0.7	89.0	0.8%		
Window 199 (upper)			0.68	1.68	64.45	0.7	88.8	3.1%		
Total ADF for room	Bedroom	1.0%						3.9%	Pass	
Window 200 (lower)			0.68	0.57	136.75	0.68	88.3	0.2%		
Window 200 (upper)			0.68	0.93	136.75	0.68	88.2	0.8%		
Window 201 (lower)			0.68	0.92	136.75	0.68	61.6	0.2%		
Window 201 (upper)			0.68	1.54	136.75	0.68	58.4	0.8%		
Window 202 (lower)			0.68	1.08	136.75	0.68	61.6	0.2%		
Window 202 (upper)			0.68	1.8	136.75	0.68	59.1	1.0%		
Window 203 (lower)			0.68	1.03	136.75	0.68	89.4	0.4%		
Window 203 (upper)			0.68	1.68	136.75	0.68	89.2	1.4%		
Total ADF for room	Living/Dining/Kitchen	2.0%						5.0%	Pass	

**Appendix 4.2 - Room Depth Calculation
Regents Park Estate, London NW1 4BX**

Room	Room Depth Coefficients				Room Depth Calculation		Result
	L	W	H	Rb	L/W + L/H	2/H-Rb	
<u>Proposed Ground Floor</u>							
Window 1	7.0	3.0	2.7	0.73	4.93 <=	7.52	Pass
Window 2	4.2	4.0	2.7	0.74	2.61 <=	7.69	Pass
Window 3	7.0	5.3	2.7	0.71	3.91 <=	6.78	Pass
Window 4	7.0	5.3	2.7	0.71	3.91 <=	6.78	Pass
Window 5	5.3	7.0	2.7	0.71	2.72 <=	6.78	Pass
<u>Proposed First Floor</u>							
Window 6	4.7	3.2	2.2	0.71	3.61 <=	6.86	Pass
Window 7	4.7	3.2	2.2	0.71	3.61 <=	6.96	Pass
Window 8	7.0	4.9	2.2	0.68	4.61 <=	6.19	Pass
Window 9	2.8	7.0	2.3	0.68	1.62 <=	6.19	Pass
Window 10	4.1	4.9	2.3	0.68	2.62 <=	6.19	Pass
Window 11	4.9	7.0	2.2	0.68	2.93 <=	6.19	Pass
Window 12	4.1	4.1	2.2	0.69	2.86 <=	6.42	Pass
Window 13	4.1	4.1	2.3	0.69	2.78 <=	6.42	Pass
Window 14	6.5	3.2	2.3	0.69	4.86 <=	6.36	Pass
Window 15	3.2	6.5	2.2	0.69	1.95 <=	6.36	Pass
Window 16	3.2	6.5	2.2	0.69	1.95 <=	6.36	Pass
Window 17	3.3	2.9	2.2	0.72	2.64 <=	7.09	Pass
Window 18	3.8	3.5	2.2	0.68	2.81 <=	6.24	Pass
Window 19	3.5	3.8	2.3	0.68	2.44 <=	6.24	Pass
Window 20	5.6	4.1	2.3	0.67	3.8 <=	6.12	Pass
Window 21	4.1	5.6	2.2	0.67	2.6 <=	6.12	Pass
Window 22	4.1	5.6	2.2	0.67	2.6 <=	6.12	Pass
Window 23	3.5	3.0	2.2	0.72	2.76 <=	7.19	Pass
Window 24	3.5	4.4	2.2	0.69	2.39 <=	6.5	Pass
Window 25	4.4	3.5	2.3	0.69	3.17 <=	6.5	Pass
Window 26	4.0	5.5	2.3	0.69	2.47 <=	6.35	Pass
Window 27	5.5	4.0	2.2	0.69	3.88 <=	6.35	Pass
<u>Proposed Second Floor</u>							
Window 28	4.7	3.2	2.2	0.71	3.61 <=	6.86	Pass
Window 29	4.7	3.2	2.2	0.71	3.61 <=	6.96	Pass
Window 30	7.0	4.9	2.2	0.68	4.61 <=	6.2	Pass

**Appendix 4.2 - Room Depth Calculation
Regents Park Estate, London NW1 4BX**

Room	Room Depth Coefficients				Room Depth Calculation		Result
	L	W	H	Rb	L/W + L/H	2/H-Rb	
Window 31	2.8	7.0	2.1	0.68	1.73 <=	6.2	Pass
Window 32	4.1	4.9	2.3	0.68	2.62 <=	6.2	Pass
Window 33	4.9	7.0	2.2	0.68	2.93 <=	6.2	Pass
Window 34	3.3	4.1	2.2	0.68	2.3 <=	6.22	Pass
Window 35	4.1	3.3	2.3	0.68	3.03 <=	6.22	Pass
Window 36	2.7	3.2	2.1	0.7	2.13 <=	6.75	Pass
Window 37	3.2	2.7	2.2	0.7	2.64 <=	6.75	Pass
Window 38	3.2	3.7	2.2	0.7	2.32 <=	6.77	Pass
Window 39	3.3	3.1	2.2	0.72	2.56 <=	7.08	Pass
Window 40	3.8	3.3	2.2	0.68	2.88 <=	6.22	Pass
Window 41	3.3	3.8	2.3	0.68	2.3 <=	6.22	Pass
Window 42	5.6	4.1	2.3	0.67	3.8 <=	6.12	Pass
Window 43	4.1	5.6	2.2	0.67	2.6 <=	6.12	Pass
Window 44	4.1	5.6	2.2	0.67	2.6 <=	6.12	Pass
Window 45	3.5	3.5	2.2	0.72	2.59 <=	7.05	Pass
Window 46	3.5	3.8	2.2	0.68	2.51 <=	6.16	Pass
Window 47	3.8	3.5	2.3	0.68	2.74 <=	6.16	Pass
Window 48	4.0	3.3	2.3	0.68	2.95 <=	6.26	Pass
Window 49	3.3	4.0	2.2	0.68	2.33 <=	6.26	Pass
<u>Proposed Third Floor</u>							
Window 50	4.7	3.2	2.2	0.71	3.61 <=	6.86	Pass
Window 51	4.7	3.2	2.2	0.71	3.61 <=	6.96	Pass
Window 52	7.0	4.9	2.2	0.68	4.61 <=	6.19	Pass
Window 53	2.8	7.0	2.3	0.68	1.62 <=	6.19	Pass
Window 54	4.1	4.9	2.3	0.68	2.62 <=	6.19	Pass
Window 55	4.9	7.0	2.2	0.68	2.93 <=	6.19	Pass
Window 56	4.1	4.1	2.2	0.69	2.86 <=	6.42	Pass
Window 57	4.1	4.1	2.3	0.69	2.78 <=	6.42	Pass
Window 58	6.5	3.2	2.3	0.69	4.86 <=	6.36	Pass
Window 59	3.2	6.5	2.2	0.69	1.95 <=	6.36	Pass
Window 60	3.2	6.5	2.2	0.69	1.95 <=	6.36	Pass
Window 61	3.3	2.9	2.2	0.72	2.64 <=	7.09	Pass
Window 62	3.8	3.5	2.2	0.68	2.81 <=	6.24	Pass
Window 63	3.5	3.8	2.3	0.68	2.44 <=	6.24	Pass

**Appendix 4.2 - Room Depth Calculation
Regents Park Estate, London NW1 4BX**

Room	Room Depth Coefficients				Room Depth Calculation		Result
	L	W	H	Rb	L/W + L/H	2/H-Rb	
Window 64	5.6	4.1	2.3	0.67	3.8 <=	6.12	Pass
Window 65	4.1	5.6	2.2	0.67	2.6 <=	6.12	Pass
Window 66	4.1	5.6	2.2	0.67	2.6 <=	6.12	Pass
Window 67	3.5	3.0	2.2	0.72	2.76 <=	7.19	Pass
Window 68	3.5	4.4	2.2	0.69	2.39 <=	6.5	Pass
Window 69	4.4	3.5	2.3	0.69	3.17 <=	6.5	Pass
Window 70	4.0	5.5	2.3	0.69	2.47 <=	6.35	Pass
Window 71	5.5	4.0	2.2	0.69	3.88 <=	6.35	Pass
<u>Proposed Fourth Floor</u>							
Window 72	4.7	3.2	2.2	0.71	3.61 <=	6.86	Pass
Window 73	4.7	3.2	2.2	0.71	3.61 <=	6.96	Pass
Window 74	7.0	4.9	2.2	0.68	4.61 <=	6.2	Pass
Window 75	2.8	7.0	2.1	0.68	1.73 <=	6.2	Pass
Window 76	4.1	4.9	2.3	0.68	2.62 <=	6.2	Pass
Window 77	4.9	7.0	2.2	0.68	2.93 <=	6.2	Pass
Window 78	3.3	4.1	2.2	0.68	2.3 <=	6.22	Pass
Window 79	4.1	3.3	2.3	0.68	3.03 <=	6.22	Pass
Window 80	2.7	3.2	2.1	0.7	2.13 <=	6.75	Pass
Window 81	3.2	2.7	2.2	0.7	2.64 <=	6.75	Pass
Window 82	3.2	3.7	2.2	0.7	2.32 <=	6.77	Pass
Window 83	3.3	3.1	2.2	0.72	2.56 <=	7.08	Pass
Window 84	3.8	3.3	2.2	0.68	2.88 <=	6.22	Pass
Window 85	3.3	3.8	2.3	0.68	2.3 <=	6.22	Pass
Window 86	5.6	4.1	2.3	0.67	3.8 <=	6.12	Pass
Window 87	4.1	5.6	2.2	0.67	2.6 <=	6.12	Pass
Window 88	4.1	5.6	2.2	0.67	2.6 <=	6.12	Pass
Window 89	3.5	3.5	2.2	0.72	2.59 <=	7.05	Pass
Window 90	3.5	3.8	2.2	0.68	2.51 <=	6.16	Pass
Window 91	3.8	3.5	2.3	0.68	2.74 <=	6.16	Pass
Window 92	4.0	3.3	2.3	0.68	2.95 <=	6.26	Pass
Window 93	3.3	4.0	2.2	0.68	2.33 <=	6.26	Pass
<u>Proposed Fifth Floor</u>							
Window 94	4.7	3.2	2.2	0.71	3.61 <=	6.86	Pass

**Appendix 4.2 - Room Depth Calculation
Regents Park Estate, London NW1 4BX**

Room	Room Depth Coefficients				Room Depth Calculation		Result
	L	W	H	Rb	L/W + L/H	2/H-Rb	
Window 95	0.0	3.2	2.2	0.71	0.0 <=	6.96	Pass
Window 96	7.0	4.9	2.2	0.68	4.61 <=	6.19	Pass
Window 97	2.8	7.0	2.3	0.68	1.62 <=	6.19	Pass
Window 98	4.1	4.9	2.3	0.68	2.62 <=	6.19	Pass
Window 99	4.9	7.0	2.2	0.68	2.93 <=	6.19	Pass
Window 100	4.1	4.1	2.2	0.69	2.86 <=	6.42	Pass
Window 101	4.1	4.1	2.3	0.69	2.78 <=	6.42	Pass
Window 102	6.5	3.2	2.3	0.69	4.86 <=	6.36	Pass
Window 103	3.2	6.5	2.2	0.69	1.95 <=	6.36	Pass
Window 104	3.2	6.5	2.2	0.69	1.95 <=	6.36	Pass
Window 105	3.3	2.9	2.2	0.72	2.64 <=	7.09	Pass
Window 106	3.8	3.5	2.2	0.68	2.81 <=	6.24	Pass
Window 107	3.5	3.8	2.3	0.68	2.44 <=	6.24	Pass
Window 108	5.6	4.1	2.3	0.67	3.8 <=	6.12	Pass
Window 109	4.1	5.6	2.2	0.67	2.6 <=	6.12	Pass
Window 110	4.1	5.6	2.2	0.67	2.6 <=	6.12	Pass
Window 111	3.5	3.0	2.2	0.72	2.76 <=	7.19	Pass
Window 112	3.5	4.4	2.2	0.69	2.39 <=	6.5	Pass
Window 113	4.4	3.5	2.3	0.69	3.17 <=	6.5	Pass
Window 114	4.0	5.5	2.3	0.69	2.47 <=	6.35	Pass
Window 115	5.5	4.0	2.2	0.69	3.88 <=	6.35	Pass
<u>Proposed Sixth Floor</u>							
Window 116	4.7	3.2	2.2	0.71	3.61 <=	6.86	Pass
Window 117	4.7	3.2	2.2	0.71	3.61 <=	6.96	Pass
Window 118	7.0	4.9	2.2	0.68	4.61 <=	6.2	Pass
Window 119	2.8	7.0	2.1	0.68	1.73 <=	6.2	Pass
Window 120	4.1	4.9	2.3	0.68	2.62 <=	6.2	Pass
Window 121	4.9	7.0	2.2	0.68	2.93 <=	6.2	Pass
Window 122	3.3	4.1	2.2	0.68	2.3 <=	6.22	Pass
Window 123	4.1	3.3	2.3	0.68	3.03 <=	6.22	Pass
Window 124	2.7	3.2	2.1	0.7	2.13 <=	6.75	Pass
Window 125	3.2	2.7	2.2	0.7	2.64 <=	6.75	Pass
Window 126	3.2	3.7	2.2	0.7	2.32 <=	6.77	Pass
Window 127	3.3	3.1	2.2	0.72	2.56 <=	7.08	Pass

**Appendix 4.2 - Room Depth Calculation
Regents Park Estate, London NW1 4BX**

Room	Room Depth Coefficients				Room Depth Calculation		Result
	L	W	H	Rb	L/W + L/H	2/H-Rb	
Window 128	3.8	3.3	2.2	0.68	2.88 <=	6.22	Pass
Window 129	3.3	3.8	2.3	0.68	2.3 <=	6.22	Pass
Window 130	5.6	4.1	2.3	0.67	3.8 <=	6.12	Pass
Window 131	4.1	5.6	2.2	0.67	2.6 <=	6.12	Pass
Window 132	4.1	5.6	2.2	0.67	2.6 <=	6.12	Pass
Window 133	3.5	3.5	2.2	0.72	2.59 <=	7.05	Pass
Window 134	3.5	3.8	2.2	0.68	2.51 <=	6.16	Pass
Window 135	3.8	3.5	2.3	0.68	2.74 <=	6.16	Pass
Window 136	4.0	3.3	2.3	0.68	2.95 <=	6.26	Pass
Window 137	3.3	4.0	2.2	0.68	2.33 <=	6.26	Pass
<u>Proposed Seventh Floor</u>							
Window 138	4.7	3.2	5.4	0.71	2.34 <=	6.86	Pass
Window 139	4.7	3.2	2.2	0.71	3.61 <=	6.96	Pass
Window 140	7.0	4.9	2.2	0.68	4.61 <=	6.19	Pass
Window 141	2.8	7.0	2.3	0.68	1.62 <=	6.19	Pass
Window 142	4.1	4.9	2.3	0.68	2.62 <=	6.19	Pass
Window 143	4.9	7.0	2.2	0.68	2.93 <=	6.19	Pass
Window 144	5.7	4.7	2.2	0.69	3.8 <=	6.41	Pass
Window 145	4.1	5.7	2.3	0.69	2.5 <=	6.41	Pass
Window 146	2.9	4.7	2.3	0.69	1.88 <=	6.41	Pass
Window 147	4.7	5.7	2.2	0.69	2.96 <=	6.41	Pass
Window 148	3.6	3.5	2.2	0.7	2.66 <=	6.77	Pass
Window 149	4.7	2.8	2.2	0.72	3.81 <=	7.07	Pass
Window 150	6.1	6.5	2.2	0.67	3.71 <=	6.09	Pass
Window 151	3.6	6.1	2.3	0.67	2.16 <=	6.09	Pass
Window 152	3.2	6.5	2.3	0.67	1.88 <=	6.09	Pass
Window 153	6.5	6.1	2.2	0.67	4.02 <=	6.09	Pass
Window 154	4.3	3.2	2.2	0.71	3.3 <=	6.78	Pass
Window 155	3.5	3.5	2.2	0.7	2.59 <=	6.77	Pass
Window 156	4.6	5.7	2.2	0.68	2.9 <=	6.3	Pass
Window 157	2.9	4.6	2.3	0.68	1.89 <=	6.3	Pass
Window 158	4.0	5.7	2.3	0.68	2.44 <=	6.3	Pass
Window 159	5.7	4.6	2.2	0.68	3.83 <=	6.3	Pass

**Appendix 4.2 - Room Depth Calculation
Regents Park Estate, London NW1 4BX**

Room	Room Depth Coefficients				Room Depth Calculation		Result
	L	W	H	Rb	L/W + L/H	2/H-Rb	
<u>Proposed Eighth Floor</u>							
Window 160	4.7	3.2	2.2	0.71	3.61 <=	6.86	Pass
Window 161	4.7	3.2	2.2	0.71	3.61 <=	6.96	Pass
Window 162	7.0	4.9	2.2	0.68	4.61 <=	6.19	Pass
Window 163	2.8	7.0	2.3	0.68	1.62 <=	6.19	Pass
Window 164	4.1	4.9	2.3	0.68	2.62 <=	6.19	Pass
Window 165	4.9	7.0	2.2	0.68	2.93 <=	6.19	Pass
Window 166	5.7	4.7	2.2	0.69	3.8 <=	6.41	Pass
Window 167	4.1	5.7	2.3	0.69	2.5 <=	6.41	Pass
Window 168	2.9	4.7	2.3	0.69	1.88 <=	6.41	Pass
Window 169	4.7	5.7	2.2	0.69	2.96 <=	6.41	Pass
Window 170	3.6	3.5	2.2	0.7	2.66 <=	6.77	Pass
Window 171	4.7	2.8	2.2	0.72	3.81 <=	7.07	Pass
Window 172	6.1	6.5	2.2	0.67	3.71 <=	6.09	Pass
Window 173	3.6	6.1	2.3	0.67	2.16 <=	6.09	Pass
Window 174	3.2	6.5	2.3	0.67	1.88 <=	6.09	Pass
Window 175	6.5	6.1	2.2	0.67	4.02 <=	6.09	Pass
Window 176	4.3	3.2	2.2	0.71	3.3 <=	6.78	Pass
Window 177	3.5	3.5	2.2	0.7	2.59 <=	6.77	Pass
Window 178	4.6	5.7	2.2	0.68	2.9 <=	6.3	Pass
Window 179	2.9	4.6	2.3	0.68	1.89 <=	6.3	Pass
Window 180	4.0	5.7	2.3	0.68	2.44 <=	6.3	Pass
Window 181	5.7	4.6	2.2	0.68	3.83 <=	6.3	Pass
<u>Proposed Ninth Floor</u>							
Window 182	4.7	3.2	2.2	0.71	3.61 <=	6.86	Pass
Window 183	4.7	3.2	2.2	0.71	3.61 <=	6.96	Pass
Window 184	7.0	4.9	2.2	0.68	4.61 <=	6.19	Pass
Window 185	2.8	7.0	2.3	0.68	1.62 <=	6.19	Pass
Window 186	4.1	4.9	2.3	0.68	2.62 <=	6.19	Pass
Window 187	4.9	7.0	2.2	0.68	2.93 <=	6.19	Pass
Window 188	5.7	4.7	2.2	0.69	3.8 <=	6.41	Pass
Window 189	4.1	5.7	2.3	0.69	2.5 <=	6.41	Pass
Window 190	2.9	4.7	2.3	0.69	1.88 <=	6.41	Pass
Window 191	4.7	5.7	2.2	0.69	2.96 <=	6.41	Pass

**Appendix 4.2 - Room Depth Calculation
Regents Park Estate, London NW1 4BX**

Room	Room Depth Coefficients				Room Depth Calculation		Result
	L	W	H	Rb	L/W + L/H	2/H-Rb	
Window 192	3.6	3.5	2.2	0.7	2.66 <=	6.77	Pass
Window 193	4.7	2.8	2.2	0.72	3.81 <=	7.07	Pass
Window 194	6.1	6.5	2.2	0.67	3.71 <=	6.09	Pass
Window 195	3.6	6.1	2.3	0.67	2.16 <=	6.09	Pass
Window 196	3.2	6.5	2.3	0.67	1.88 <=	6.09	Pass
Window 197	6.5	6.1	2.2	0.67	4.02 <=	6.09	Pass
Window 198	4.3	3.2	2.2	0.71	3.3 <=	6.78	Pass
Window 199	3.5	3.5	2.2	0.7	2.59 <=	6.77	Pass
Window 200	4.6	5.7	2.2	0.68	2.9 <=	6.3	Pass
Window 201	2.9	4.6	2.3	0.68	1.89 <=	6.3	Pass
Window 202	4.0	5.7	2.3	0.68	2.44 <=	6.3	Pass
Window 203	5.7	4.6	2.2	0.68	3.83 <=	6.3	Pass

Appendix 4.2 - Sunlight to Windows
Regents Park Estate, London NW1 4BX

Reference	Use Class	Annual Probable Sunlight Hours	
		Total	Winter
<u>Proposed Ground Floor</u>			
Window 3	Living/Dining/Kitchen	20%	2%
Window 4	Living/Dining/Kitchen	19%	2%
Window 5	Living/Dining/Kitchen	0%	0%
<u>Proposed First Floor</u>			
Window 8	Living/Dining/Kitchen	24%	2%
Window 9	Living/Dining/Kitchen	0%	0%
Window 10	Living/Dining/Kitchen	10%	0%
Window 11	Living/Dining/Kitchen	0%	0%
Window 14	Living Room	0%	0%
Window 15	Living Room	16%	1%
Window 16	Living Room	22%	3%
Window 26	Living Room	23%	0%
Window 27	Living Room	22%	1%
<u>Proposed Second Floor</u>			
Window 30	Kitchen	28%	3%
Window 31	Kitchen	0%	0%
Window 32	Kitchen	13%	1%
Window 33	Kitchen	0%	0%
Window 34	Bedroom	0%	0%
Window 35	Bedroom	7%	0%
Window 42	Living Room	26%	6%
Window 43	Living Room	49%	13%
Window 44	Living Room	35%	11%
<u>Proposed Third Floor</u>			
Window 52	Living/Dining/Kitchen	31%	6%
Window 53	Living/Dining/Kitchen	0%	0%
Window 54	Living/Dining/Kitchen	13%	1%
Window 55	Living/Dining/Kitchen	0%	0%
Window 58	Living Room	0%	0%
Window 59	Living Room	19%	1%
Window 60	Living Room	25%	3%

Appendix 4.2 - Sunlight to Windows
Regents Park Estate, London NW1 4BX

Reference	Use Class	Annual Probable Sunlight Hours	
		Total	Winter
Window 70	Living Room	30%	7%
Window 71	Living Room	29%	4%
<u>Proposed Fourth Floor</u>			
Window 74	Living/Dining/Kitchen	31%	6%
Window 75	Living/Dining/Kitchen	0%	0%
Window 76	Living/Dining/Kitchen	13%	1%
Window 77	Living/Dining/Kitchen	0%	0%
Window 86	Living Room	32%	6%
Window 87	Living Room	56%	20%
Window 88	Living Room	39%	15%
<u>Proposed Fifth Floor</u>			
Window 96	Living/Dining/Kitchen	31%	6%
Window 97	Living/Dining/Kitchen	0%	0%
Window 98	Living/Dining/Kitchen	13%	1%
Window 99	Living/Dining/Kitchen	0%	0%
Window 102	Living Room	0%	0%
Window 104	Living Room	33%	6%
Window 114	Living Room	38%	15%
Window 115	Living Room	30%	5%
<u>Proposed Sixth Floor</u>			
Window 118	Living/Dining/Kitchen	31%	6%
Window 119	Living/Dining/Kitchen	0%	0%
Window 120	Living/Dining/Kitchen	13%	1%
Window 121	Living/Dining/Kitchen	0%	0%
Window 130	Living Room	32%	6%
Window 131	Living Room	61%	25%
Window 132	Living Room	45%	21%
<u>Proposed Seventh Floor</u>			
Window 140	Living/Dining/Kitchen	31%	6%
Window 141	Living/Dining/Kitchen	0%	0%
Window 142	Living/Dining/Kitchen	13%	1%

Appendix 4.2 - Sunlight to Windows
Regents Park Estate, London NW1 4BX

Reference	Use Class	Annual Probable Sunlight Hours	
		Total	Winter
Window 143	Living/Dining/Kitchen	0%	0%
Window 144	Living/Dining/Kitchen	0%	0%
Window 145	Living/Dining/Kitchen	14%	0%
Window 146	Living/Dining/Kitchen	0%	0%
Window 147	Living/Dining/Kitchen	27%	4%
Window 150	Living/Dining/Kitchen	33%	6%
Window 151	Living/Dining/Kitchen	38%	18%
Window 152	Living/Dining/Kitchen	32%	6%
Window 153	Living/Dining/Kitchen	42%	20%
Window 154	Bedroom	62%	26%
Window 155	Bedroom	62%	26%
Window 156	Living/Dining/Kitchen	42%	20%
Window 157	Living/Dining/Kitchen	31%	7%
Window 158	Living/Dining/Kitchen	42%	19%
Window 159	Living/Dining/Kitchen	31%	6%
<u>Proposed Eighth Floor</u>			
Window 162	Living/Dining/Kitchen	31%	6%
Window 163	Living/Dining/Kitchen	0%	0%
Window 164	Living/Dining/Kitchen	13%	1%
Window 165	Living/Dining/Kitchen	0%	0%
Window 166	Living/Dining/Kitchen	0%	0%
Window 167	Living/Dining/Kitchen	14%	0%
Window 168	Living/Dining/Kitchen	0%	0%
Window 169	Living/Dining/Kitchen	27%	4%
Window 172	Living/Dining/Kitchen	33%	6%
Window 173	Living/Dining/Kitchen	38%	18%
Window 174	Living/Dining/Kitchen	32%	6%
Window 175	Living/Dining/Kitchen	42%	20%
Window 178	Living/Dining/Kitchen	42%	20%
Window 179	Living/Dining/Kitchen	31%	7%
Window 180	Living/Dining/Kitchen	42%	19%
Window 181	Living/Dining/Kitchen	31%	6%
<u>Proposed Ninth Floor</u>			

**Appendix 4.2 - Sunlight to Windows
Regents Park Estate, London NW1 4BX**

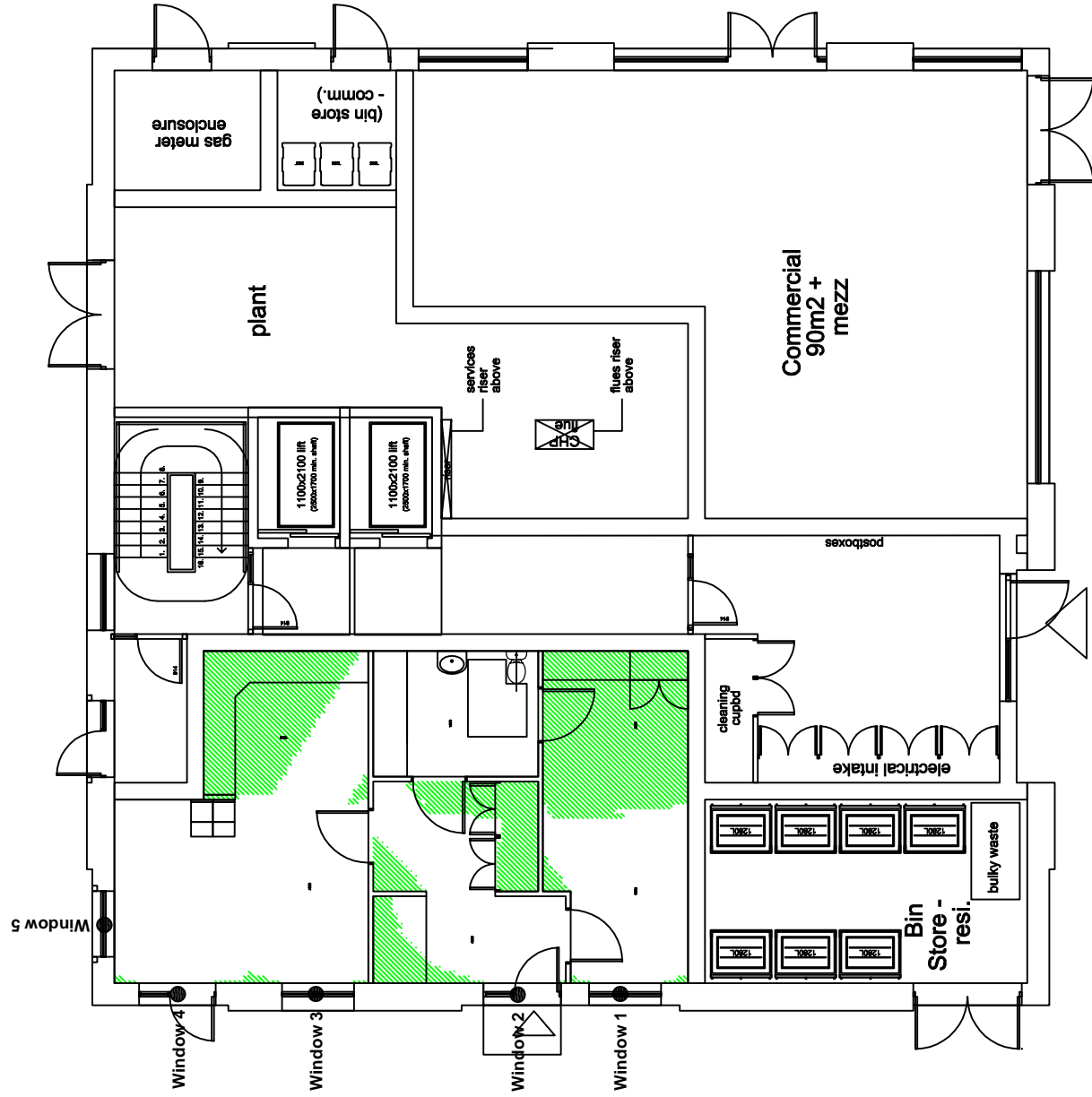
Reference	Use Class	Annual Probable Sunlight Hours	
		Total	Winter
Window 184	Living/Dining/Kitchen	31%	6%
Window 185	Living/Dining/Kitchen	0%	0%
Window 186	Living/Dining/Kitchen	13%	1%
Window 187	Living/Dining/Kitchen	0%	0%
Window 188	Living/Dining/Kitchen	0%	0%
Window 189	Living/Dining/Kitchen	14%	0%
Window 190	Living/Dining/Kitchen	0%	0%
Window 191	Living/Dining/Kitchen	27%	4%
Window 194	Living/Dining/Kitchen	33%	6%
Window 195	Living/Dining/Kitchen	32%	18%
Window 196	Living/Dining/Kitchen	32%	6%
Window 197	Living/Dining/Kitchen	42%	20%
Window 201	Living/Dining/Kitchen	31%	7%
Window 202	Living/Dining/Kitchen	36%	19%
Window 203	Living/Dining/Kitchen	31%	6%

APPENDIX 4.3

NO SKY LINE CONTOURS

Appendix 4.3 No Sky Line Contours

Proposed Ground Floor



Key:



Window reference



Area receives no direct sky light (applied to habitable rooms)



Area does receive direct sky light.



Light aperture.

Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **No Sky Line Contours**

Scale: **Do not scale**

Drawing No: **1 of 11**

Rev. -

Rev

Date

Details of revision



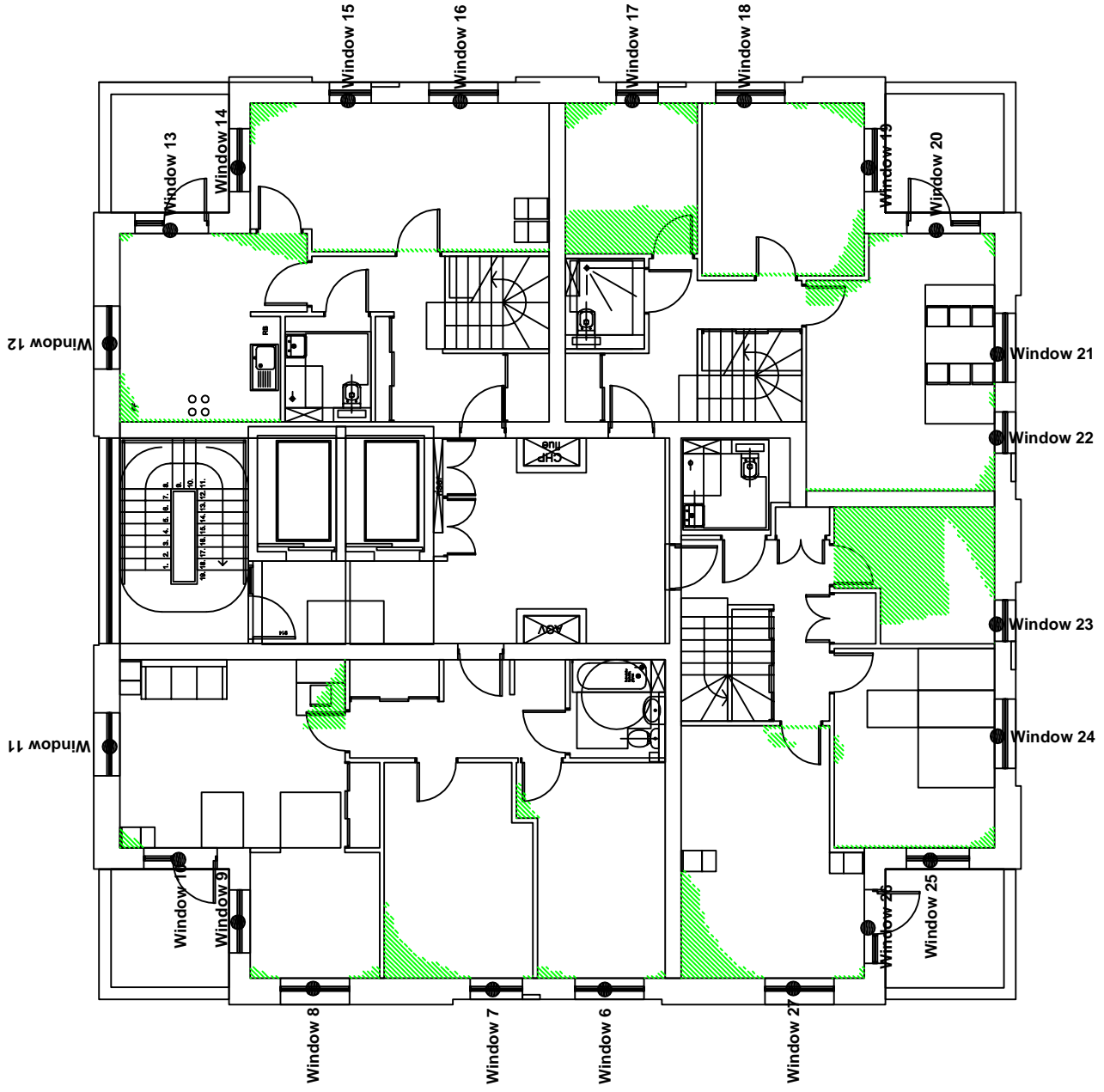
Burley House
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Rayleigh
Essex SS6 7EW

Tel. 0800 197 4836

enquiries @right-of-light.co.uk
www.right-of-light-consulting.com

Appendix 4.3 No Sky Line Contours

Proposed First Floor



Key:



Window reference



Area receives no direct sky light (applied to habitable rooms)



Area does receive direct sky light.



Light aperture.

Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **No Sky Line Contours**

Scale: **Do not scale**

Drawing No: **2 of 11**

Rev. -

Rev

Date

Details of revision



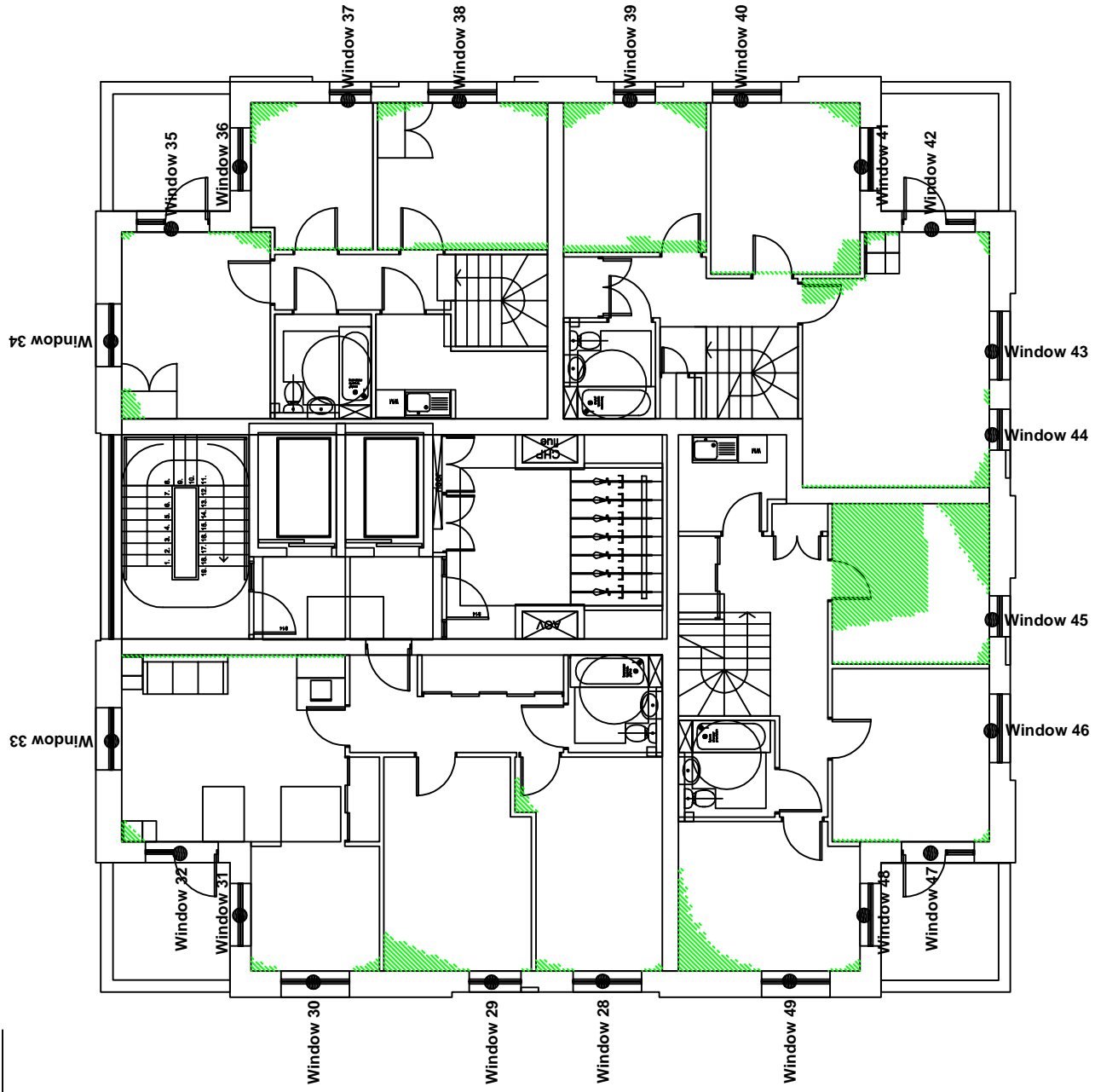
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Appendix 4.3 No Sky Line Contours

Proposed Second Floor



Key:



Window reference



Area receives no direct sky light (applied to habitable rooms)



Area does receive direct sky light.



Light aperture.

Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **No Sky Line Contours**

Scale: **Do not scale**

Drawing No: **3 of 11**

Rev. -

Rev

Date

Details of revision



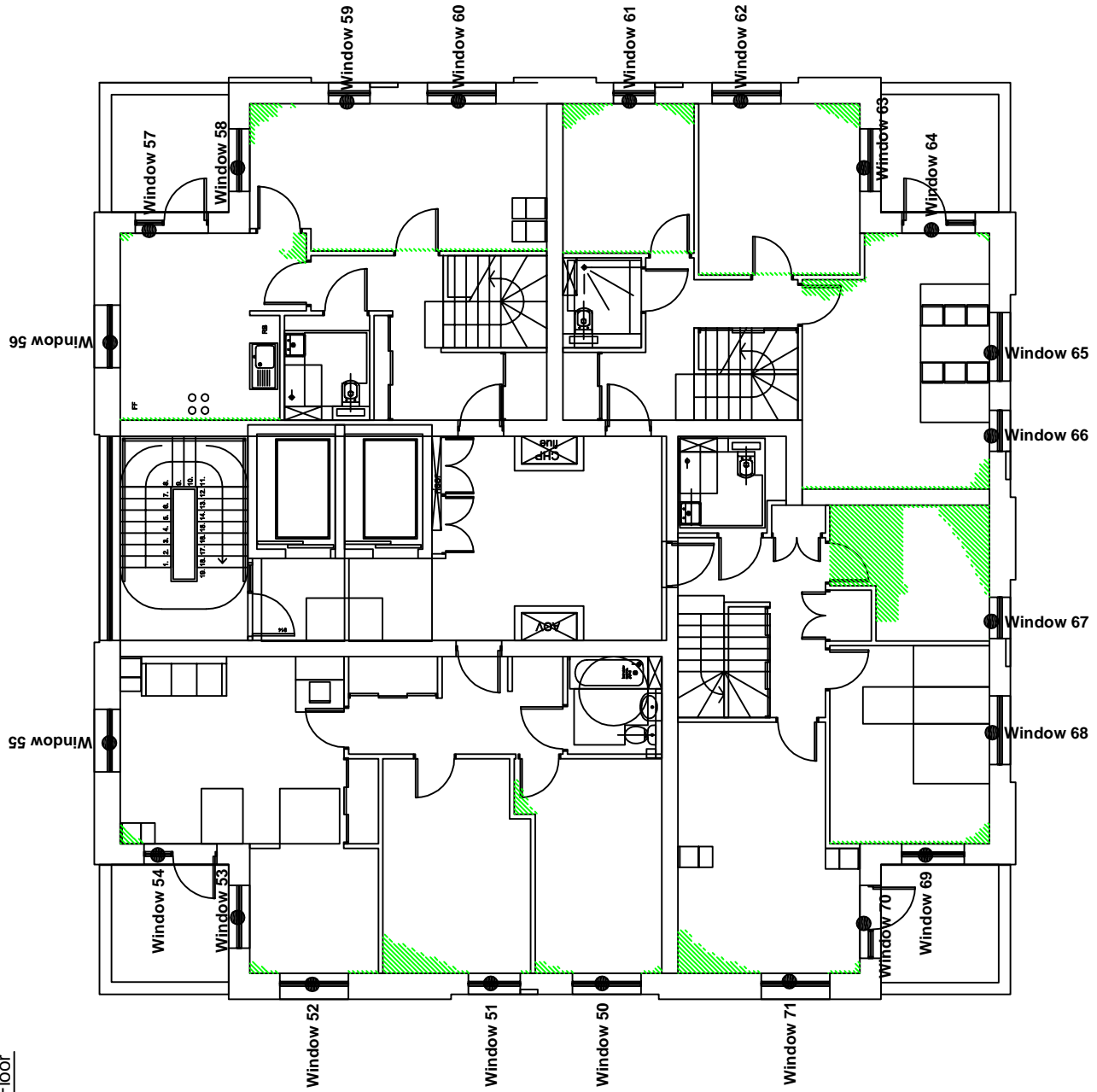
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Appendix 4.3 No Sky Line Contours

Proposed Third Floor



Key:

- Window reference
- ▨ Area receives no direct sky light (applied to habitable rooms)
- Area does receive direct sky light.
- ▬ Light aperture.

Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **No Sky Line Contours**

Scale: **Do not scale**

Drawing No: **4 of 11**

Rev. -

Rev	Date	Details of revision



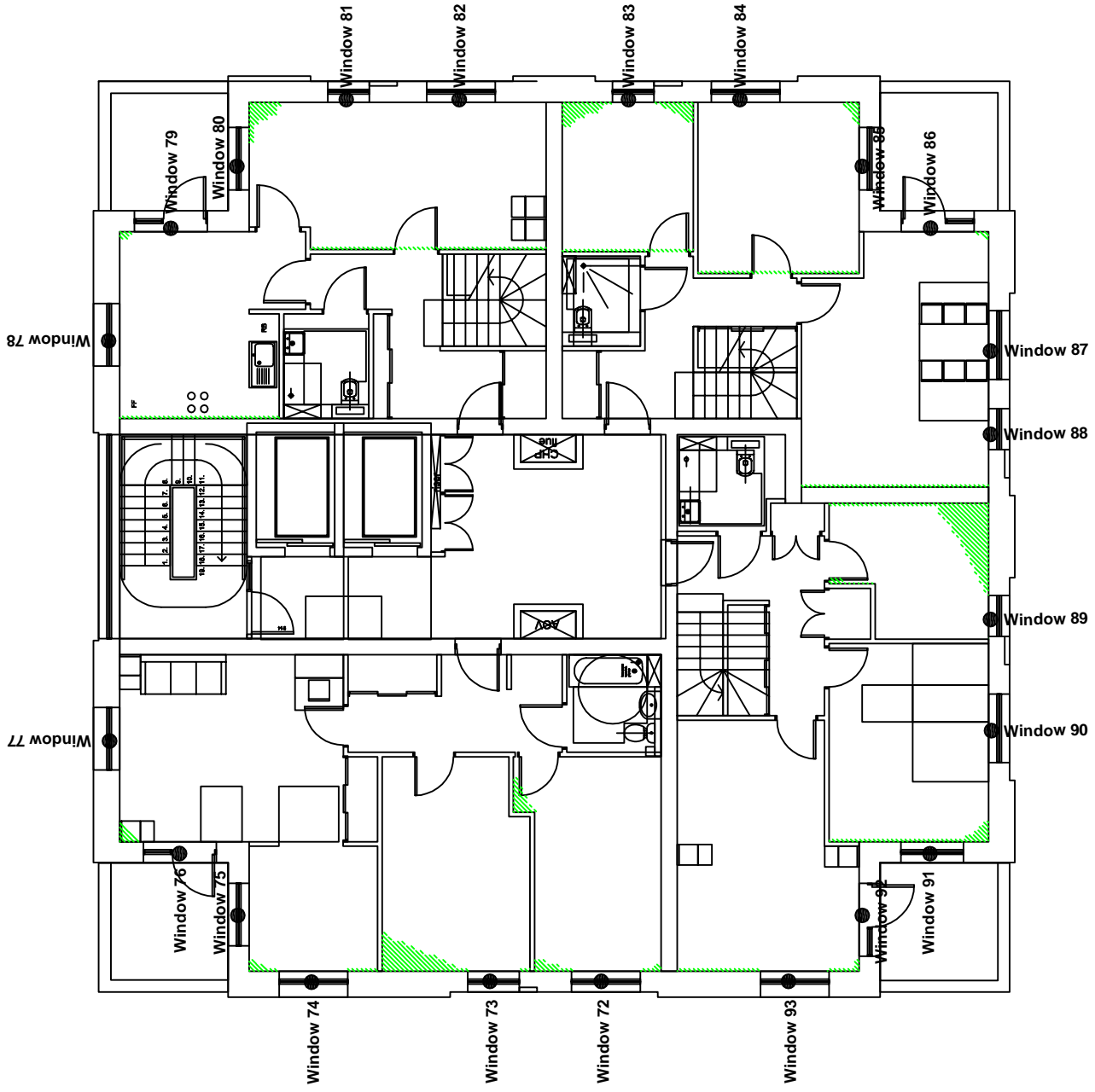
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Appendix 4.3 No Sky Line Contours

Proposed Fourth Floor



Key:

- Window reference
- ▨ Area receives no direct sky light (applied to habitable rooms)
- Area does receive direct sky light.
- ▬ Light aperture.

Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **No Sky Line Contours**

Scale: **Do not scale**

Drawing No: **5 of 11**

Rev. -

Rev Date Details of revision



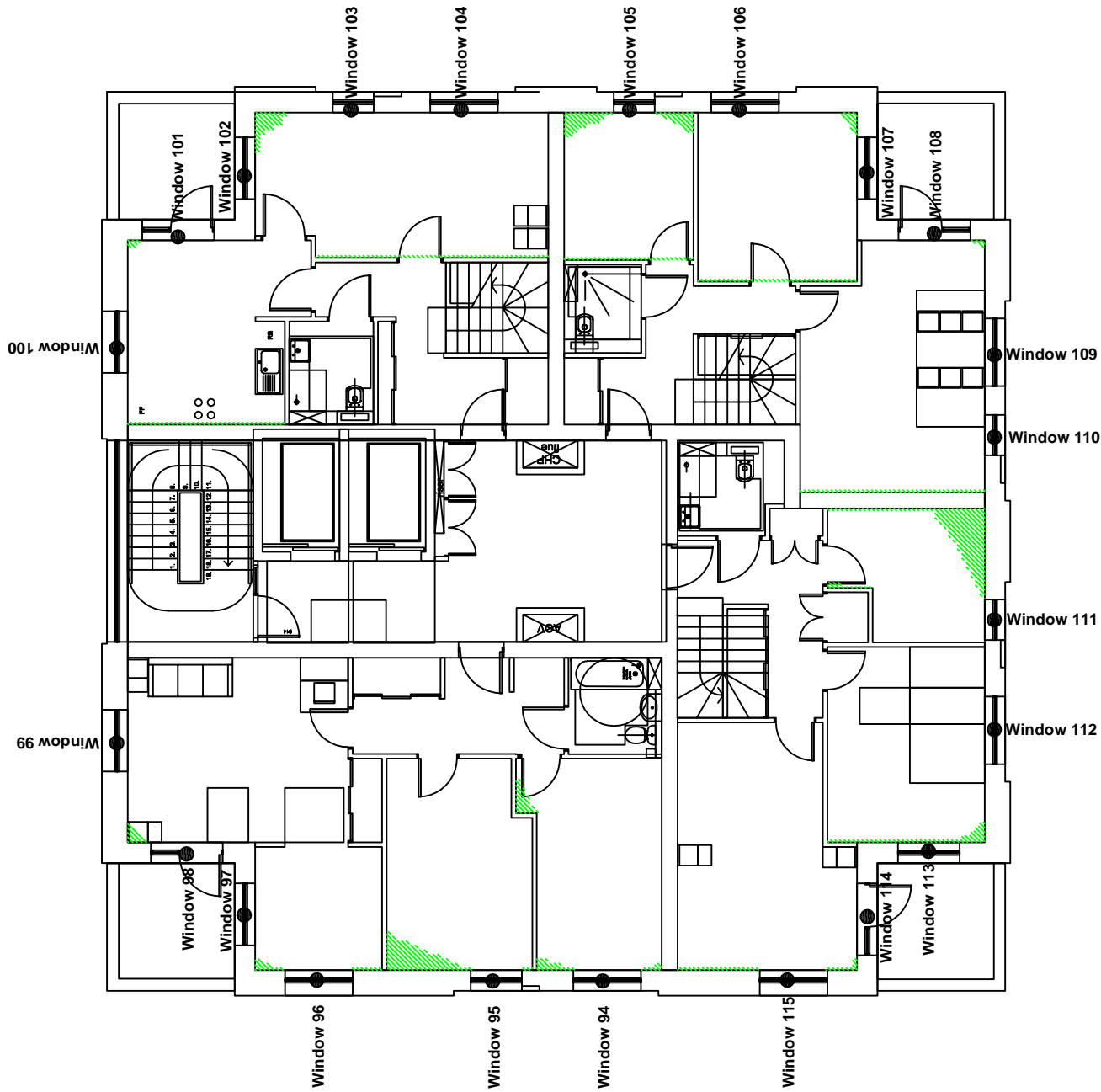
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Appendix 4.3 No Sky Line Contours

Proposed Fifth Floor



Key:



Window reference



Area receives no direct sky light (applied to habitable rooms)



Area does receive direct sky light.



Light aperture.

Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **No Sky Line Contours**

Scale: **Do not scale**

Drawing No: **6 of 11**

Rev. -

Rev

Date

Details of revision



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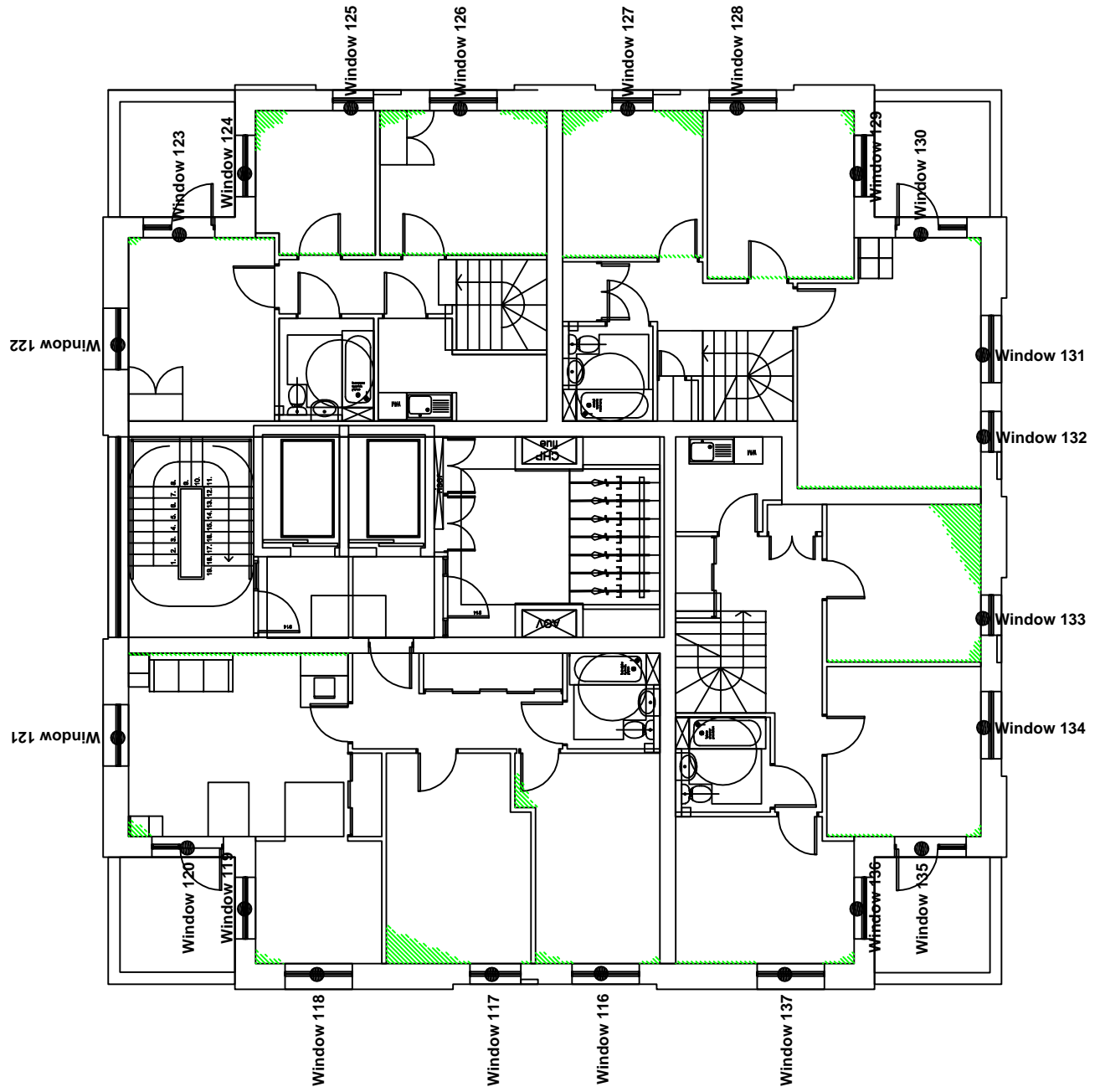
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Appendix 4.3 No Sky Line Contours

Proposed Sixth Floor

Key:

- Window reference
- ▨ Area receives no direct sky light (applied to habitable rooms)
- Area does receive direct sky light.
- ▬ Light aperture.



Project Name:	Regents Park Estate, London NW1 4BX	
Drawing Title:	No Sky Line Contours	
Scale:	Do not scale	
Drawing No:	7 of 11	
Rev.	Date	Details of revision



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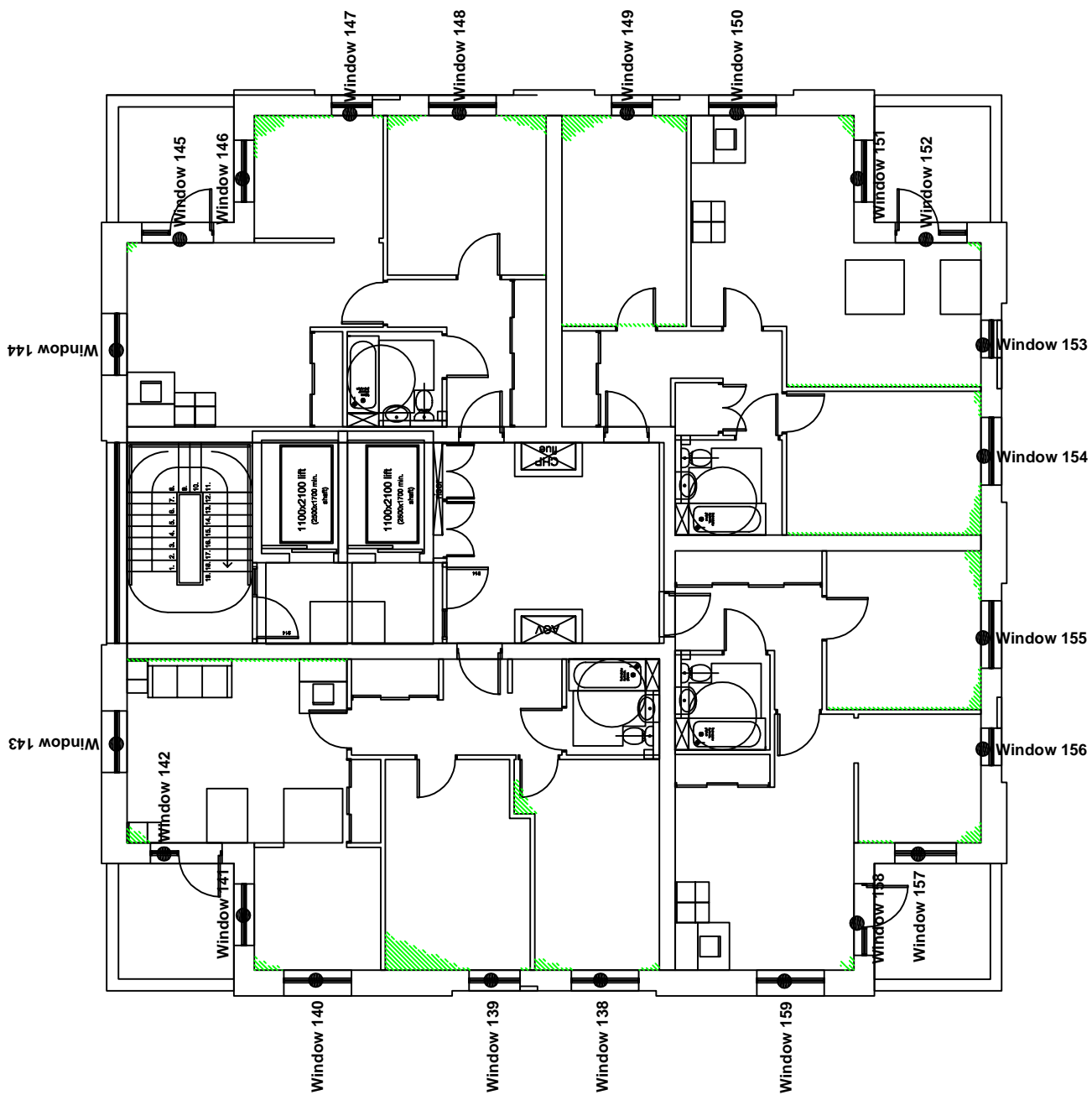
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Appendix 4.3 No Sky Line Contours

Proposed Seventh Floor

Key:

- Window reference
- ▨ Area receives no direct sky light (applied to habitable rooms)
- Area does receive direct sky light.
- ▬ Light aperture.



Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **No Sky Line Contours**

Scale: **Do not scale**

Drawing No: **8 of 11**

Rev. Date Details of revision

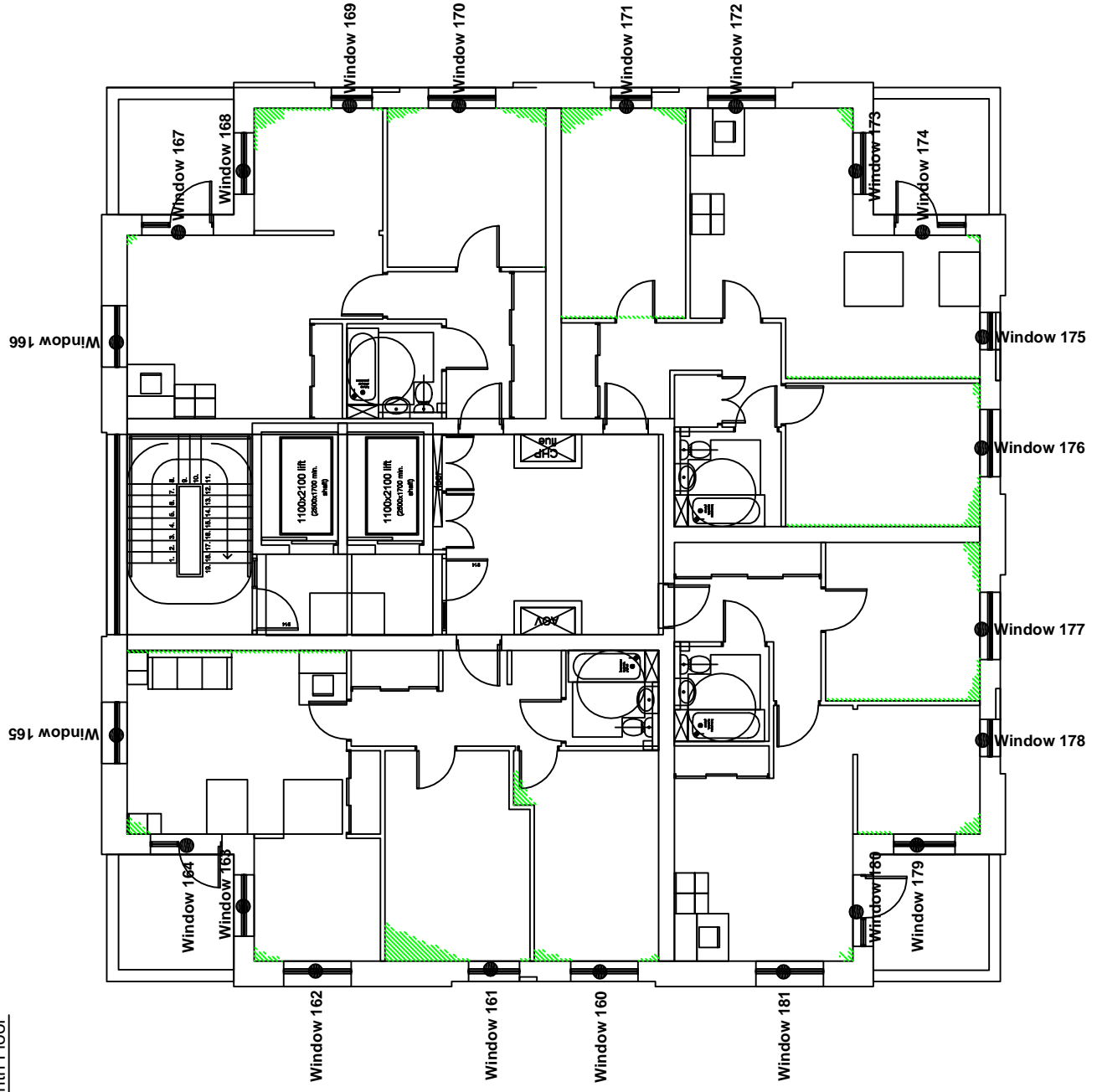
Rev. -



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Appendix 4.3 No Sky Line Contours

Proposed Eighth Floor



Key:

- Window reference
- ▨ Area receives no direct sky light (applied to habitable rooms)
- Area does receive direct sky light.
- ▬ Light aperture.

Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **No Sky Line Contours**

Scale: **Do not scale**

Drawing No: **9 of 11**

Rev. -

Rev. Date Details of revision



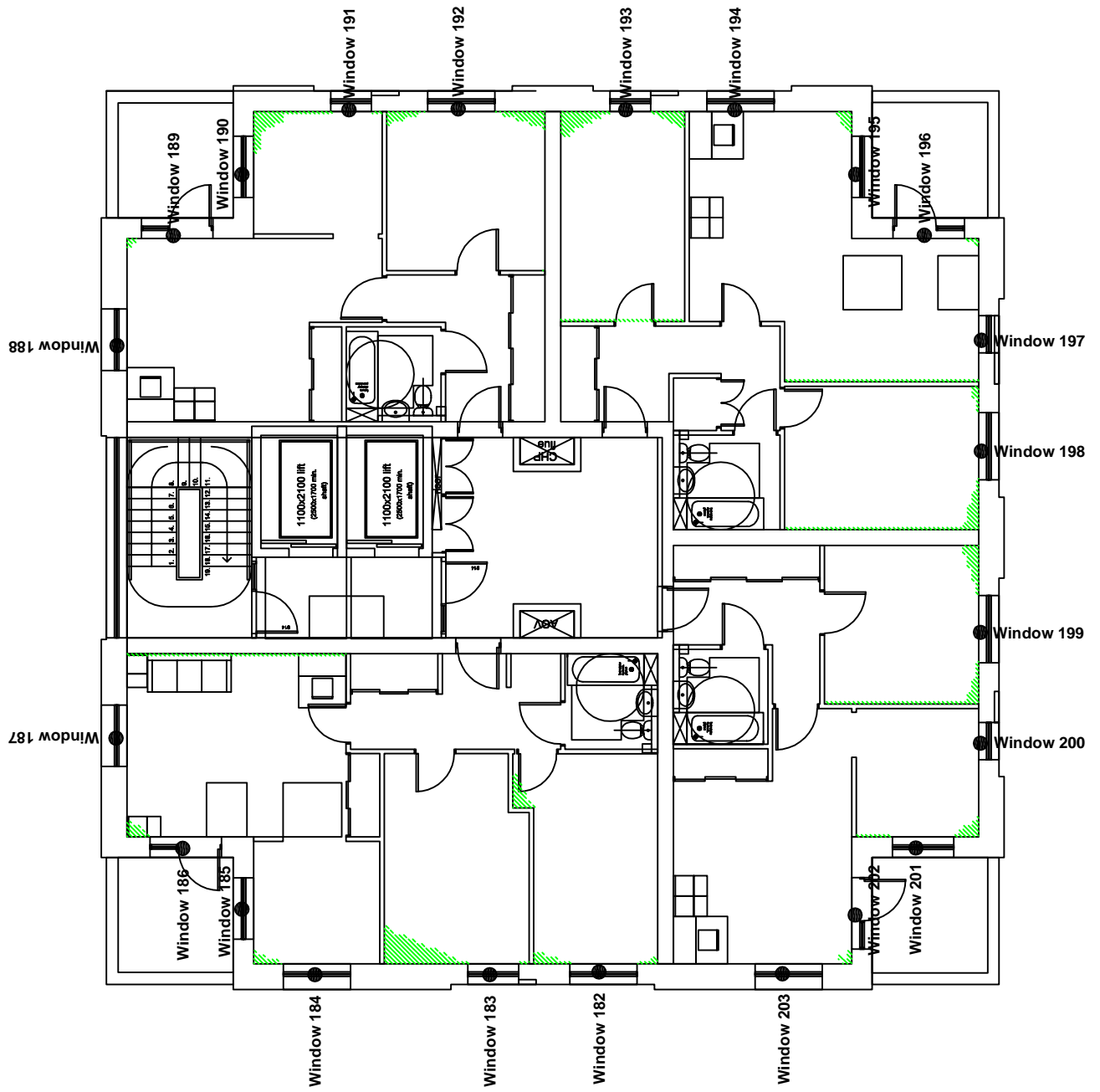
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Appendix 4.3 No Sky Line Contours

Proposed Ninth Floor



Key:



Window reference



Area receives no direct sky light (applied to habitable rooms)



Area does receive direct sky light.



Light aperture.

Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **No Sky Line Contours**

Scale: **Do not scale**

Drawing No: **10 of 11**

Rev. -

Rev. -

Date

Details of revision



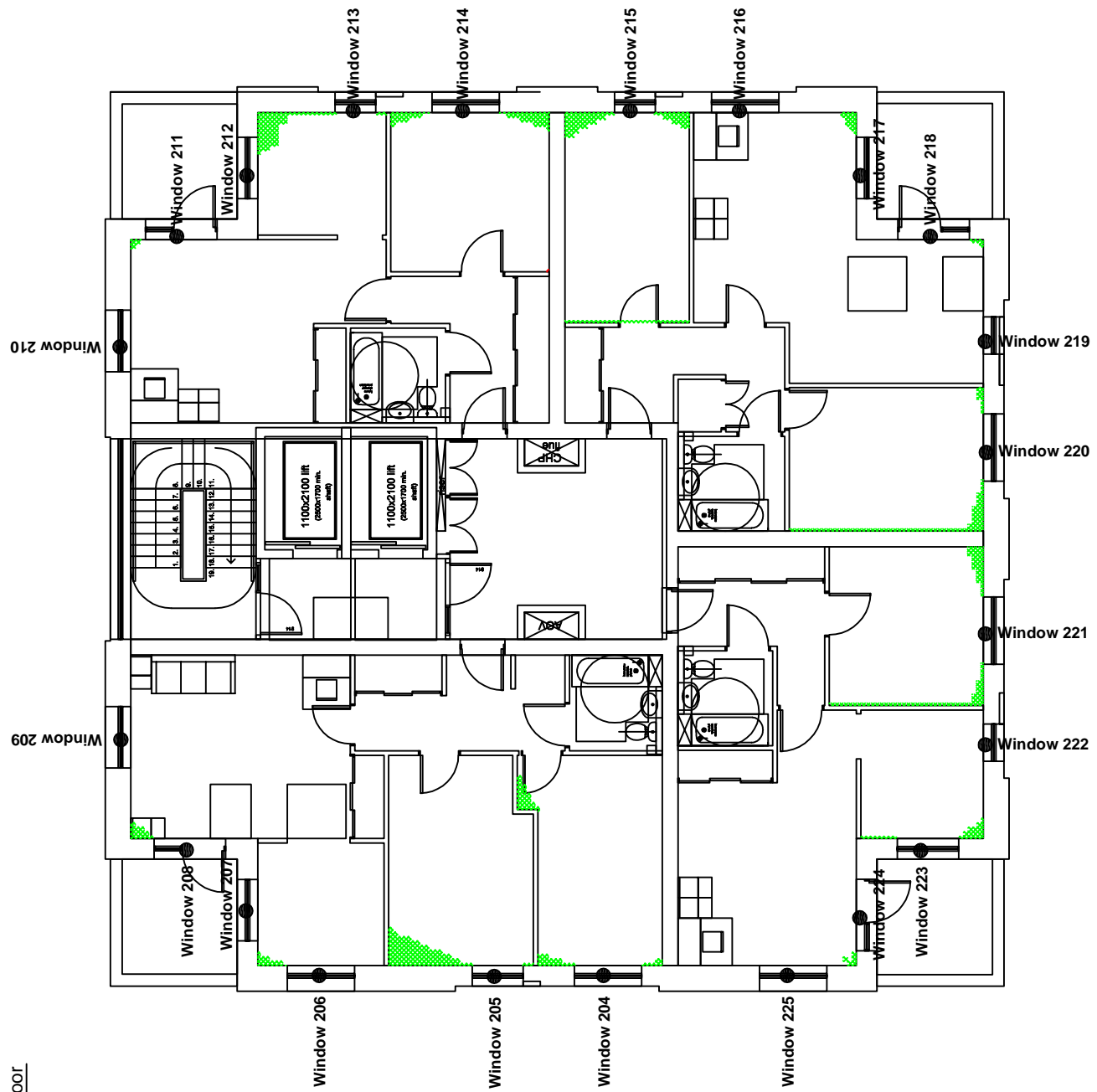
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Appendix 4.3 No Sky Line Contours

Proposed Tenth Floor



Key:

- Window reference
- ▨ Area receives no direct sky light (applied to habitable rooms)
- Area does receive direct sky light.
- ══ Light aperture.

Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **No Sky Line Contours**

Scale: **Do not scale**

Drawing No: **11 of 11**

Rev. -

Rev	Date	Details of revision



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APPENDIX 5

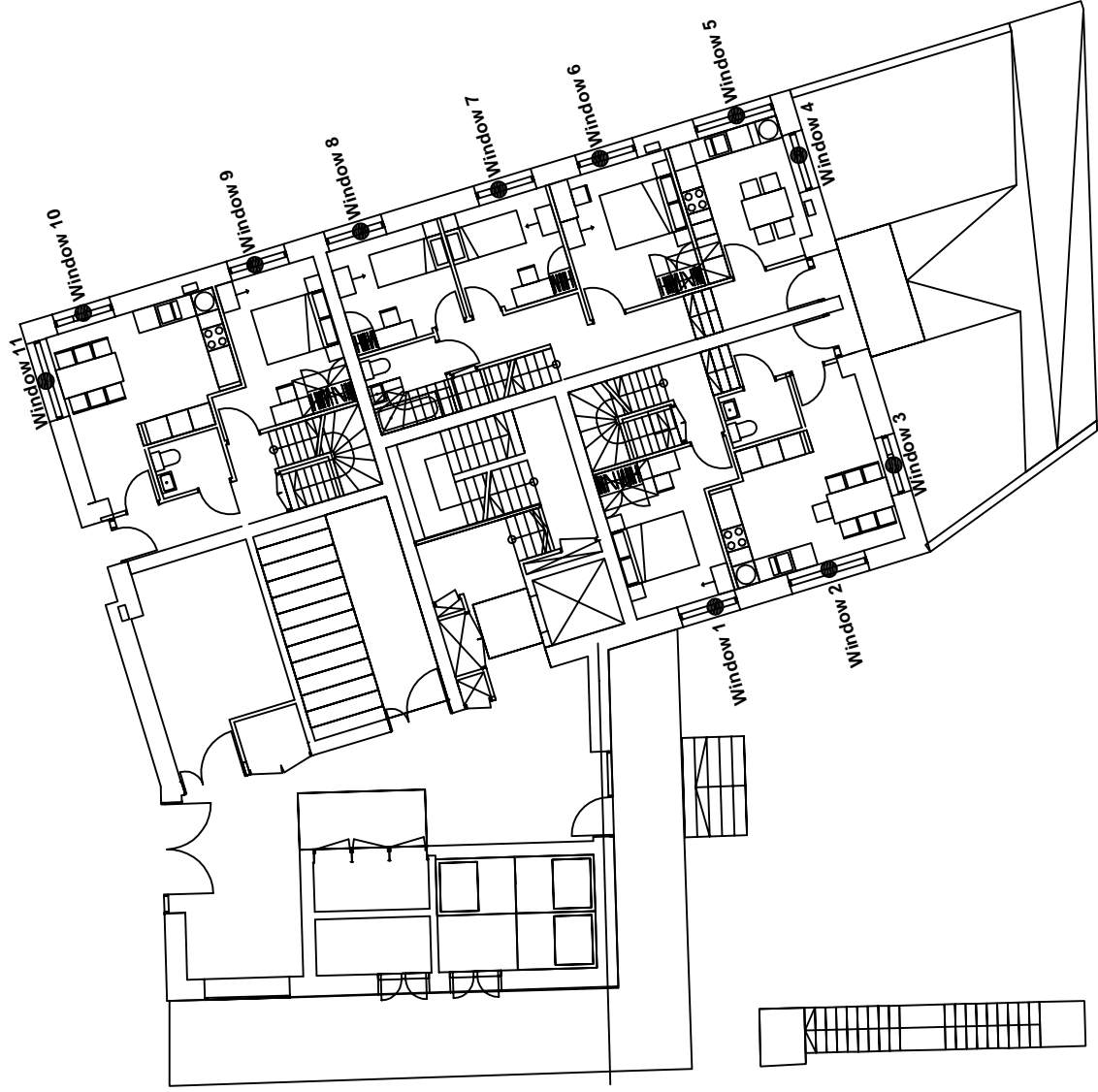
DICK COLLINS TRA HALL

APPENDIX 5.1

WINDOW KEY

Key:

Window 1 ● Window reference



Project Name: **Regents Park Estate , London NW1 4BX**

Drawing Title: **Window Key**

Scale: **Do not scale**

Drawing No: **1 of 5**

Rev. -

Rev

Date

Details of revision



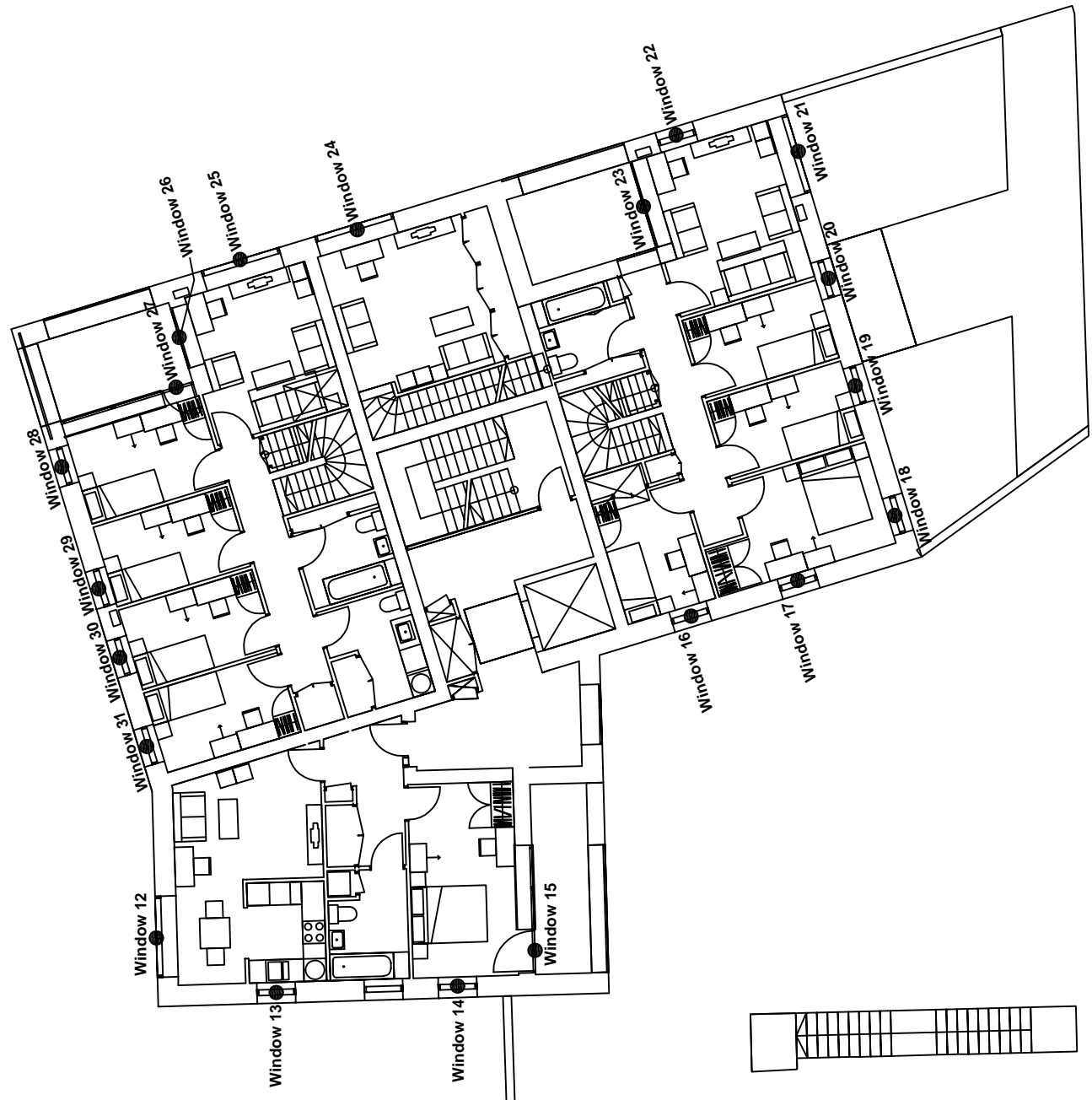
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Key:

Window 1 ● Window reference



Project Name: **Regents Park Estate , London NW1 4BX**

Drawing Title: **Window Key**

Scale: **Do not scale**

Drawing No: **2 of 5**

Rev.	Date	Details of revision



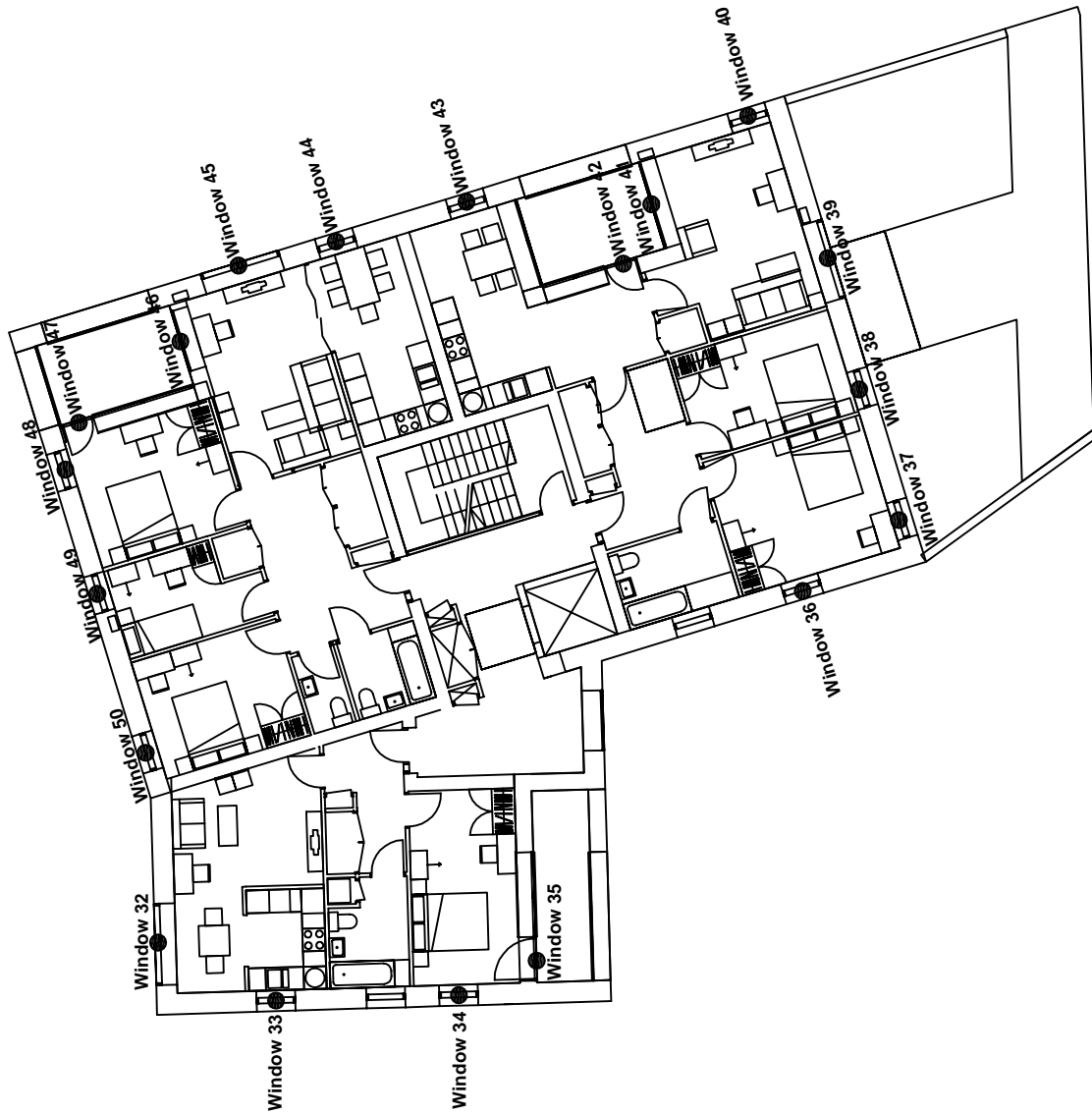
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Key:

Window 1 ● Window reference



Project Name: **Regents Park Estate , London NW1 4BX**

Drawing Title: **Window Key**

Scale: **Do not scale**

Drawing No: **3 of 5**

Rev. -

Rev Date Details of revision

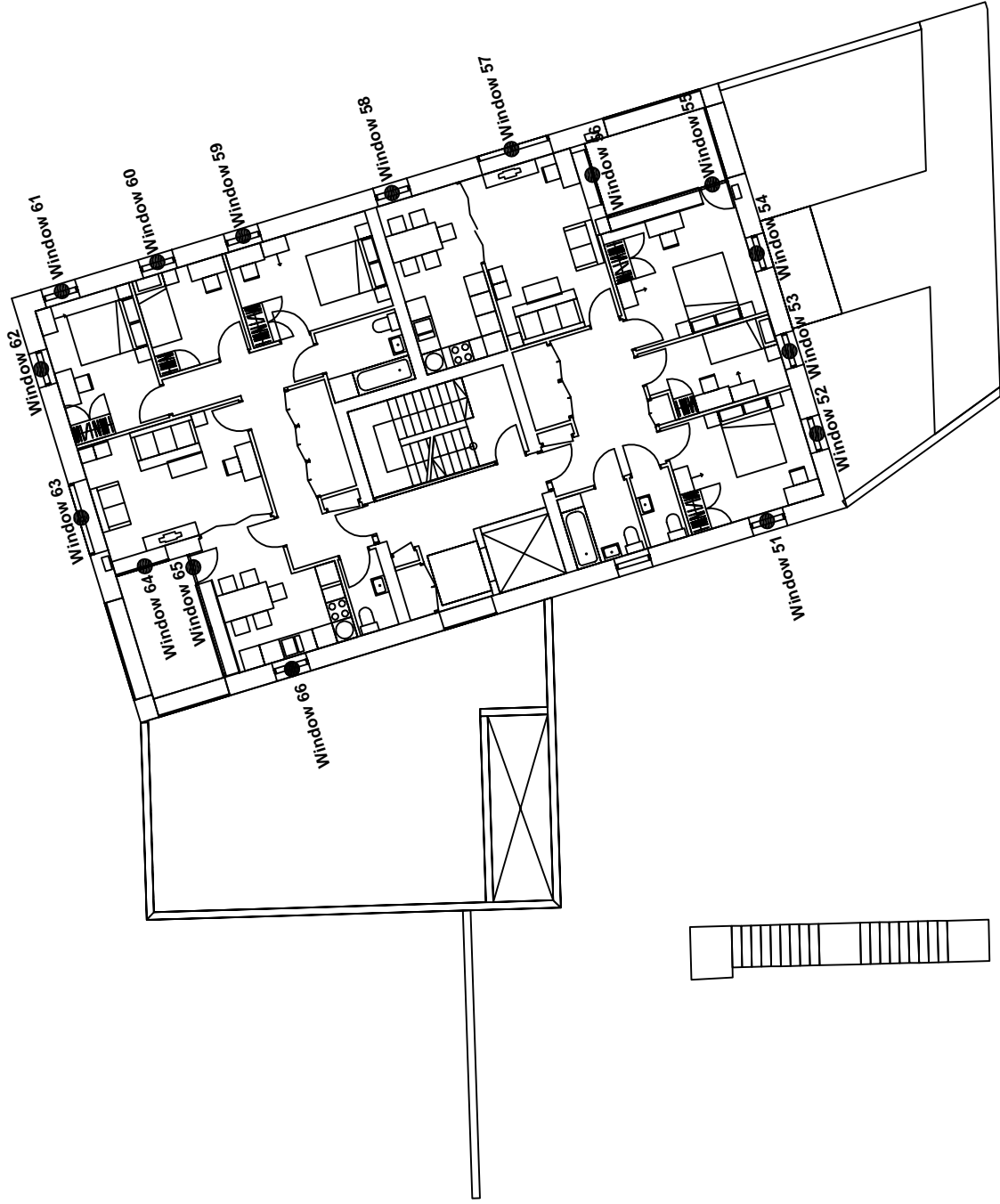


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Key:

Window 1 ● Window reference



Project Name: **Regents Park Estate , London NW1 4BX**

Drawing Title: **Window Key**

Scale: **Do not scale**

Drawing No: **4 of 5**

Rev. -

Rev

Date

Details of revision



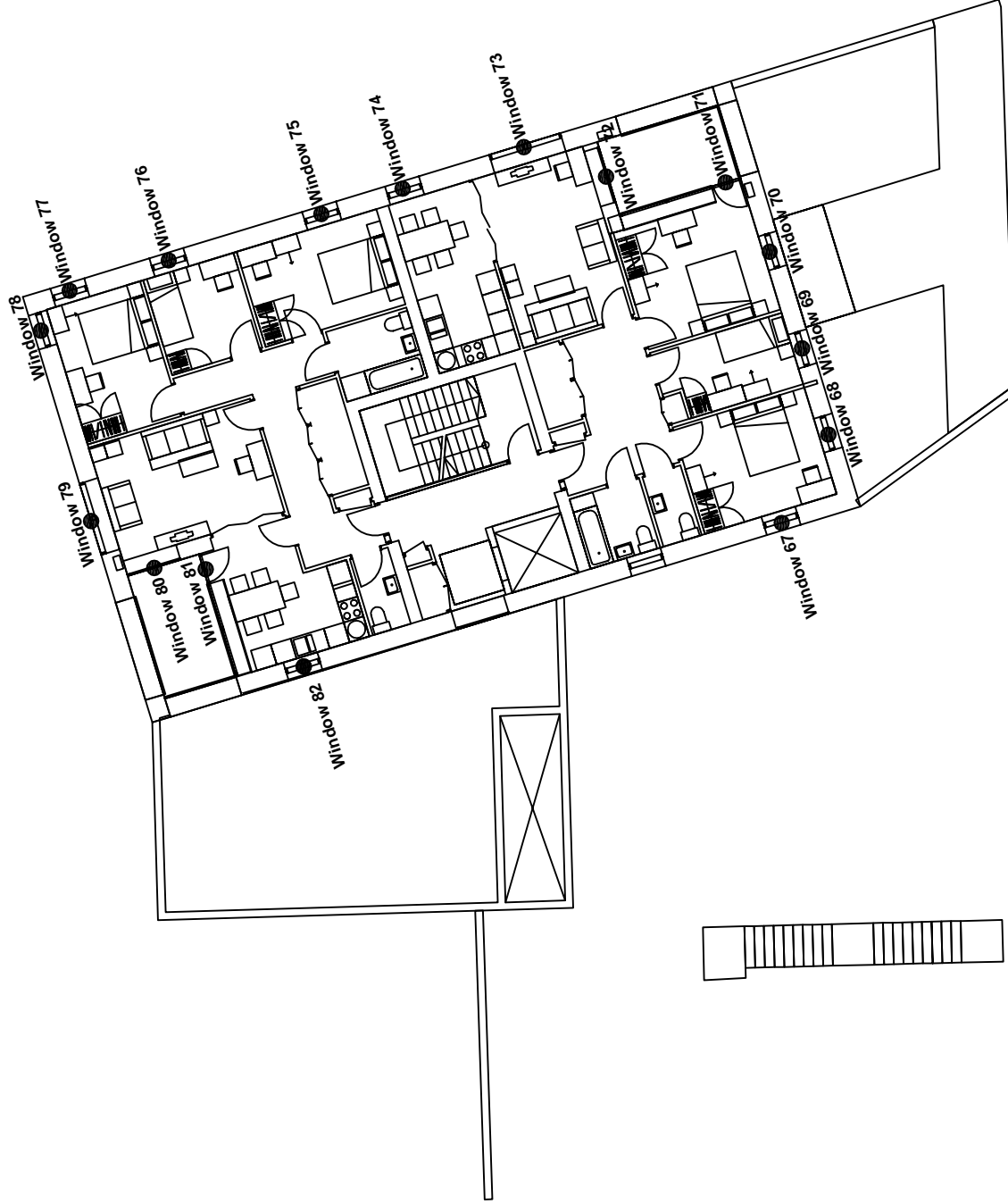
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Key:

Window 1 ● Window reference



Project Name: **Regents Park Estate , London NW1 4BX**

Drawing Title: **Window Key**

Scale: **Do not scale**

Drawing No: **5 of 5**

Rev. -

Rev Date Details of revision



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APPENDIX 5.2

DAYLIGHT AND SUNLIGHT CALCULATIONS

**Appendix 5.2 - Average Daylight Factor (ADF)
Regents Park Estate, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients					Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result
<u>Ground Floor</u>									
Window 1	Bedroom	1.0%	0.68	2.66	81.53	0.73	51.4	2.4%	Pass
Window 2			0.68	4.12	111.84	0.7	55.8	2.7%	
Window 3			0.68	3.55	111.84	0.7	37.0	1.6%	
Total ADF for room	Living/Kitchen	2.0%						4.3%	Pass
Window 4			0.68	3.04	73.02	0.68	47.8	2.5%	
Window 5			0.68	4.12	73.02	0.68	53.5	3.8%	
Total ADF for room	Living/Kitchen	2.0%						6.3%	Pass
Window 6	Bedroom	1.0%	0.68	2.66	76.38	0.72	55.1	2.7%	Pass
Window 7	Bedroom	1.0%	0.68	2.66	59.93	0.72	56.7	3.6%	Pass
Window 8	Bedroom	1.0%	0.68	2.66	61.73	0.72	57.9	3.5%	Pass
Window 9	Bedroom	1.0%	0.68	2.66	81.53	0.73	57.9	2.7%	Pass
Window 10			0.68	2.66	111.86	0.71	55.1	1.8%	
Window 11			0.68	3.61	111.86	0.71	65.7	2.9%	
Total ADF for room	Living/Kitchen	2.0%						4.7%	Pass
<u>First Floor</u>									
Window 12 (lower)			0.68	0.43	111.37	0.7	70.3	0.1%	
Window 12 (upper)			0.68	2.92	111.37	0.7	72.1	2.5%	
Window 13 (lower)			0.68	0.2	111.37	0.7	53.1	0.0%	
Window 13 (upper)			0.68	1.39	111.37	0.7	56.0	0.9%	
Total ADF for room	Living/Kitchen	2.0%						3.5%	Pass
Window 14 (lower)			0.68	0.2	66.9	0.64	50.9	0.0%	
Window 14 (upper)			0.68	1.39	66.9	0.64	54.1	1.3%	
Window 15 (lower)			0.68	2.17	66.9	0.64	41.3	0.2%	
Window 15 (upper)			0.68	4.6	66.9	0.64	26.0	2.1%	
Total ADF for room	Bedroom	1.0%						3.7%	Pass
Window 16 (lower)			0.68	0.2	43.62	0.71	57.2	0.1%	
Window 16 (upper)			0.68	1.39	43.62	0.71	59.9	2.6%	
Total ADF for room	Bedroom	1.0%						2.7%	Pass

**Appendix 5.2 - Average Daylight Factor (ADF)
Regents Park Estate, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients						Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result	
Window 17 (lower)			0.68	0.2	60.84	0.7	62.5	0.0%		
Window 17 (upper)			0.68	1.39	60.84	0.7	65.3	2.0%		
Window 18 (lower)			0.68	0.2	60.84	0.7	46.2	0.0%		
Window 18 (upper)			0.68	1.39	60.84	0.7	48.2	1.5%		
Total ADF for room	Bedroom	1.0%						3.6%	Pass	
Window 19 (lower)			0.68	0.2	44.06	0.71	38.2	0.0%		
Window 19 (upper)			0.68	1.39	44.06	0.71	40.5	1.8%		
Total ADF for room	Bedroom	1.0%						1.8%	Pass	
Window 20 (lower)			0.68	0.2	44.07	0.71	42.0	0.0%		
Window 20 (upper)			0.68	1.39	44.07	0.71	44.4	1.9%		
Total ADF for room	Bedroom	1.0%						1.9%	Pass	
Window 21 (lower)			0.68	0.43	68.68	0.62	53.4	0.1%		
Window 21 (upper)			0.68	2.92	68.68	0.62	55.5	2.6%		
Window 22 (lower)			0.68	0.2	68.68	0.62	59.8	0.0%		
Window 22 (upper)			0.68	1.39	68.68	0.62	62.1	1.4%		
Window 23 (lower)			0.68	1.56	68.68	0.62	20.3	0.1%		
Window 23 (upper)			0.68	3.32	68.68	0.62	8.9	0.5%		
Total ADF for room	Living Room	1.5%						4.7%	Pass	
Window 24 (lower)			0.68	0.43	70.25	0.69	63.1	0.1%		
Window 24 (upper)			0.68	2.92	70.25	0.69	65.0	3.5%		
Total ADF for room	Living Room	1.5%						3.6%	Pass	
Window 25 (lower)			0.68	0.43	64.04	0.65	63.0	0.1%		
Window 25 (upper)			0.68	2.92	64.04	0.65	64.9	3.5%		
Window 26 (lower)			0.68	1.13	64.04	0.65	30.6	0.1%		
Window 26 (upper)			0.68	2.25	64.04	0.65	14.8	0.6%		
Total ADF for room	Living Room	1.5%						4.3%	Pass	
Window 27 (lower)			0.68	2.34	47.16	0.6	30.4	0.2%		
Window 27 (upper)			0.68	4.96	47.16	0.6	16.1	1.8%		
Window 28 (lower)			0.68	0.2	47.16	0.6	70.7	0.0%		
Window 28 (upper)			0.68	1.39	47.16	0.6	72.4	2.3%		
Total ADF for room	Bedroom	1.0%						4.4%	Pass	
Window 29 (lower)			0.68	0.2	44.61	0.71	70.9	0.1%		

**Appendix 5.2 - Average Daylight Factor (ADF)
Regents Park Estate, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients						Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result	
Window 29 (upper)	Bedroom	1.0%	0.68	1.39	44.61	0.71	72.6	3.1%	Pass	
Total ADF for room			0.68	0.2	44.61	0.71	70.8	0.1%		
Window 30 (lower)	Bedroom	1.0%	0.68	1.39	44.61	0.71	72.6	3.1%	Pass	
Total ADF for room			0.68	0.2	44.61	0.71	70.4	0.1%		
Window 31 (lower)	Bedroom	1.0%	0.68	1.39	44.61	0.71	72.2	3.1%	Pass	
Total ADF for room			0.68	0.43	114.45	0.7	76.3	0.1%		
<u>Second Floor</u>			0.68	2.41	114.45	0.7	77.6	2.2%	0.0%	
Window 32 (lower)			0.68	0.2	114.45	0.7	63.8	1.1%		
Window 32 (upper)			0.68	1.39	114.45	0.7	67.6	3.4%	Pass	
Total ADF for room	Living/Kitchen	2.0%	0.68	0.2	69.99	0.65	62.5	0.0%		
Window 33 (lower)			0.68	1.39	69.99	0.65	66.8	1.5%	0.3%	
Total ADF for room			0.68	2.17	69.99	0.65	48.0	2.9%		
Window 34 (upper)	Bedroom	1.0%	0.68	4.6	69.99	0.65	37.9	4.7%	Pass	
Total ADF for room			0.68	0.2	73.04	0.69	72.4	0.0%		
Window 35 (lower)			0.68	1.39	73.04	0.69	75.7	1.9%	0.0%	
Total ADF for room			0.68	0.2	73.04	0.69	54.5	1.5%		
Window 36 (upper)	Bedroom	1.0%	0.68	1.39	73.04	0.69	58.4	3.5%	Pass	
Total ADF for room			0.68	0.2	61.17	0.71	48.2	0.0%		
Window 37 (lower)	Bedroom	1.0%	0.68	1.39	61.17	0.71	53.2	1.7%	Pass	
Total ADF for room			0.68	0.43	83.71	0.65	53.7	0.0%		
Window 38 (lower)			0.68	2.92	83.71	0.65	58.4	2.4%	0.0%	
Total ADF for room	Bedroom	1.0%	0.68	0.2	83.71	0.65	67.5	1.4%		
Window 38 (upper)			0.68	1.39	83.71	0.65	70.1	3.4%	Pass	
Total ADF for room			0.68	0.2	69.99	0.65	37.9	4.7%		
Window 39 (lower)			0.68	0.2	73.04	0.69	72.4	0.0%	0.0%	
Total ADF for room			0.68	1.39	73.04	0.69	75.7	1.9%		
Window 39 (upper)			0.68	0.2	73.04	0.69	54.5	0.0%	0.0%	
Total ADF for room			0.68	1.39	73.04	0.69	58.4	1.5%		
Window 40 (lower)			0.68	0.2	61.17	0.71	48.2	0.0%	0.0%	
Total ADF for room			0.68	1.39	61.17	0.71	53.2	1.7%		
Window 40 (upper)			0.68	0.43	83.71	0.65	53.7	0.0%	0.0%	
Total ADF for room			0.68	2.92	83.71	0.65	58.4	2.4%		
			0.68	0.2	83.71	0.65	67.5	0.0%	0.0%	
			0.68	1.39	83.71	0.65	70.1	1.4%		

**Appendix 5.2 - Average Daylight Factor (ADF)
Regents Park Estate, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients						Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result	
Window 41 (lower)	Living Room	1.5%	0.68	1.52	83.71	0.65	25.3	0.1%	Pass	
Window 41 (upper)			0.68	3.22	83.71	0.65	21.2	1.0%		
Total ADF for room										5.0%
Window 42 (lower)	Kitchen	2.0%	0.68	1.65	96.38	0.68	33.3	0.1%	Pass	
Window 42 (upper)			0.68	3.51	96.38	0.68	28.8	1.3%		
Window 43 (lower)			0.68	0.2	96.38	0.68	69.2	0.0%		
Window 43 (upper)			0.68	1.39	96.38	0.68	71.5	1.3%		
Total ADF for room								2.7%		
Window 44 (lower)	Kitchen	2.0%	0.68	0.2	63.54	0.71	69.4	0.0%	Pass	
Window 44 (upper)			0.68	1.39	63.54	0.71	71.6	2.2%		
Total ADF for room										2.2%
Window 45 (lower)	Living Room	1.5%	0.68	0.43	77.13	0.66	69.5	0.1%	Pass	
Window 45 (upper)			0.68	2.92	77.13	0.66	71.5	3.3%		
Window 46 (lower)			0.68	1.13	77.13	0.66	37.4	0.1%		
Window 46 (upper)			0.68	2.25	77.13	0.66	28.6	1.0%		
Total ADF for room										4.5%
Window 47 (lower)	Bedroom	1.0%	0.68	2.34	66.11	0.63	39.4	0.2%	Pass	
Window 47 (upper)			0.68	4.96	66.11	0.63	29.9	2.6%		
Window 48 (lower)			0.68	0.2	66.11	0.63	76.4	0.0%		
Window 48 (upper)			0.68	1.39	66.11	0.63	78.0	1.9%		
Total ADF for room								4.8%		
Window 49 (lower)	Bedroom	1.0%	0.68	0.2	49.59	0.72	76.7	0.1%	Pass	
Window 49 (upper)			0.68	1.39	49.59	0.72	78.3	3.1%		
Total ADF for room										3.2%
Window 50 (lower)	Bedroom	1.0%	0.68	0.2	62.66	0.71	76.3	0.0%	Pass	
Window 50 (upper)			0.68	1.39	62.66	0.71	77.9	2.4%		
Total ADF for room										2.4%
<u>Third Floor</u>										
Window 51 (lower)			0.68	0.2	62.82	0.69	82.9	0.1%		
Window 51 (upper)			0.68	1.39	62.82	0.69	85.0	2.5%		
Window 52 (lower)			0.68	0.2	62.82	0.69	70.2	0.0%		

**Appendix 5.2 - Average Daylight Factor (ADF)
Regents Park Estate, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients						Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result	
Window 52 (upper)	Bedroom	1.0%	0.68	1.39	62.82	0.69	79.3	2.3%	Pass	
Total ADF for room			0.68	0.2	47.81	0.72	69.5	4.9%		
Window 53 (lower)	Bedroom	1.0%	0.68	1.39	47.81	0.72	78.9	0.1%	Pass	
Window 53 (upper)			0.68	0.2	66.94	0.64	72.1	3.2%		
Total ADF for room			0.68	1.39	66.94	0.64	80.1	3.3%		
Window 54 (lower)	Bedroom	1.0%	0.68	2.34	66.94	0.64	40.4	0.0%	Pass	
Window 54 (upper)			0.68	4.96	66.94	0.64	25.7	1.9%		
Window 55 (lower)	Bedroom	1.0%	0.68	1.06	77.57	0.66	32.9	0.2%	Pass	
Window 55 (upper)			0.68	2.25	77.57	0.66	22.4	2.2%		
Total ADF for room			0.68	2.92	77.57	0.66	79.0	4.4%		
Window 56 (lower)	Living Room	1.5%	0.68	0.2	63.62	0.72	76.7	0.1%	Pass	
Window 56 (upper)			0.68	1.39	63.62	0.72	78.9	0.8%		
Window 57 (lower)	Kitchen	2.0%	0.68	0.2	60.99	0.71	76.3	0.1%	Pass	
Window 57 (upper)			0.68	1.39	60.99	0.71	78.5	0.1%		
Total ADF for room			0.68	0.2	44.64	0.71	75.7	2.5%		
Window 58 (lower)	Bedroom	1.0%	0.68	1.39	44.64	0.71	77.9	2.6%	Pass	
Window 58 (upper)			0.68	0.2	58.73	0.69	74.4	0.1%		
Total ADF for room			0.68	1.39	58.73	0.69	76.8	3.4%		
Window 59 (lower)	Bedroom	1.0%	0.68	0.2	58.73	0.69	81.1	0.0%	Pass	
Window 59 (upper)			0.68	1.39	58.73	0.69	82.3	2.4%		
Total ADF for room			0.68	0.43	76.33	0.66	81.8	0.1%		
Window 60 (lower)	Bedroom	1.0%	0.68	2.92	76.33	0.66	82.9	2.6%	Pass	
Window 60 (upper)			0.68	0.2	76.33	0.66	81.8	5.1%		
Total ADF for room			0.68	0.43	76.33	0.66	81.8	2.6%		
Window 61 (lower)	Bedroom	1.0%	0.68	0.43	76.33	0.66	81.8	0.1%	Pass	
Window 61 (upper)			0.68	2.92	76.33	0.66	82.9	0.1%		
Window 62 (lower)	Bedroom	1.0%	0.68	0.43	76.33	0.66	81.8	0.1%	Pass	
Window 62 (upper)			0.68	0.43	76.33	0.66	81.8	2.6%		
Total ADF for room			0.68	0.43	76.33	0.66	81.8	5.1%		
Window 63 (lower)	Bedroom	1.0%	0.68	0.43	76.33	0.66	81.8	0.1%	Pass	
Window 63 (upper)			0.68	2.92	76.33	0.66	82.9	0.1%		
Total ADF for room			0.68	0.43	76.33	0.66	81.8	3.9%		

**Appendix 5.2 - Average Daylight Factor (ADF)
Regents Park Estate, London NW1 4BX**

Reference	Target ADF based on room use		Average Daylight Factor Coefficients						Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result	
Window 64 (lower)			0.68	1.02	76.33	0.66	43.1	0.1%		
Window 64 (upper)			0.68	2.17	76.33	0.66	41.6	1.4%		
Total ADF for room	Living Room	1.5%						5.5%	Pass	
Window 65 (lower)			0.68	2.35	64.04	0.64	55.6	0.3%		
Window 65 (upper)			0.68	5.0	64.04	0.64	54.0	4.8%		
Window 66 (lower)			0.68	0.12	64.04	0.64	81.6	0.0%		
Window 66 (upper)			0.68	1.39	64.04	0.64	83.9	2.1%		
Total ADF for room	Kitchen	2.0%						7.3%	Pass	
Fourth Floor										
Window 67 (lower)			0.68	0.2	62.82	0.69	86.9	0.1%		
Window 67 (upper)			0.68	1.39	62.82	0.69	87.1	2.5%		
Window 68 (lower)			0.68	0.2	62.82	0.69	88.1	0.1%		
Window 68 (upper)			0.68	1.39	62.82	0.69	88.4	2.6%		
Total ADF for room	Bedroom	1.0%						5.2%	Pass	
Window 69 (lower)			0.68	0.2	47.81	0.72	88.1	0.1%		
Window 69 (upper)			0.68	1.39	47.81	0.72	88.4	3.6%		
Total ADF for room	Bedroom	1.0%						3.7%	Pass	
Window 70 (lower)			0.68	0.2	66.94	0.64	88.1	0.0%		
Window 70 (upper)			0.68	1.39	66.94	0.64	88.5	2.1%		
Window 71 (lower)			0.68	2.34	66.94	0.64	47.0	0.3%		
Window 71 (upper)			0.68	4.96	66.94	0.64	35.5	3.0%		
Total ADF for room	Bedroom	1.0%						5.4%	Pass	
Window 72 (lower)			0.68	1.06	77.57	0.66	38.1	0.1%		
Window 72 (upper)			0.68	2.25	77.57	0.66	28.4	1.0%		
Window 73 (lower)			0.68	0.43	77.57	0.66	84.2	0.1%		
Window 73 (upper)			0.68	2.92	77.57	0.66	86.2	4.0%		
Total ADF for room	Living Room	1.5%						5.2%	Pass	
Window 74 (lower)			0.68	0.2	63.62	0.72	83.7	0.1%		
Window 74 (upper)			0.68	1.39	63.62	0.72	85.6	2.6%		
Total ADF for room	Kitchen	2.0%						2.7%	Pass	
Window 75 (lower)			0.68	0.2	60.99	0.71	83.5	0.1%		

Appendix 5.2 - Room Depth Calculation
Regents Park Estate, London NW1 4BX

Room	Room Depth Coefficients				Room Depth Calculation		Result
	L	W	H	Rb	L/W + L/H	2/H-Rb	
<u>Ground Floor</u>							
Window 1	4.0	3.7	4.6	0.73	1.95 <=	7.3	Pass
Window 2	5.0	4.6	4.6	0.7	2.17 <=	6.61	Pass
Window 3	4.6	5.0	4.6	0.7	1.92 <=	6.61	Pass
Window 4	3.0	3.8	4.6	0.68	1.44 <=	6.23	Pass
Window 5	3.8	3.0	4.6	0.68	2.09 <=	6.23	Pass
Window 6	3.8	3.2	3.2	0.72	2.38 <=	7.16	Pass
Window 7	2.9	2.9	3.2	0.72	1.91 <=	7.17	Pass
Window 8	2.9	3.1	3.2	0.72	1.84 <=	7.18	Pass
Window 9	4.0	3.7	3.2	0.73	2.33 <=	7.3	Pass
Window 10	5.0	4.6	3.2	0.71	2.65 <=	6.81	Pass
Window 11	4.6	5.0	3.2	0.71	2.36 <=	6.81	Pass
<u>First Floor</u>							
Window 12	3.9	5.8	2.6	0.7	2.17 <=	6.62	Pass
Window 13	5.8	3.9	2.6	0.7	3.72 <=	6.62	Pass
Window 14	5.1	2.8	2.6	0.64	3.78 <=	5.54	Pass
Window 15	2.8	5.1	2.6	0.64	1.63 <=	5.54	Pass
Window 16	3.3	2.4	2.6	0.71	2.64 <=	6.91	Pass
Window 17	2.8	4.9	2.6	0.7	1.65 <=	6.56	Pass
Window 18	4.9	2.8	2.6	0.7	3.63 <=	6.56	Pass
Window 19	3.7	2.1	2.6	0.71	3.18 <=	6.94	Pass
Window 20	3.7	2.2	2.6	0.71	3.1 <=	6.94	Pass
Window 21	3.7	4.3	2.6	0.62	2.28 <=	5.33	Pass
Window 22	4.3	3.7	2.6	0.62	2.82 <=	5.33	Pass
Window 23	3.4	4.3	2.6	0.62	2.1 <=	5.33	Pass
Window 24	4.1	4.0	2.6	0.69	2.6 <=	6.42	Pass
Window 25	4.0	3.6	2.6	0.65	2.65 <=	5.76	Pass
Window 26	3.3	4.0	2.6	0.65	2.09 <=	5.76	Pass
Window 27	2.4	3.7	2.6	0.6	1.57 <=	5.05	Pass
Window 28	3.7	2.4	2.6	0.6	2.96 <=	5.05	Pass
Window 29	3.7	2.2	2.6	0.71	3.1 <=	6.93	Pass
Window 30	3.7	2.2	2.6	0.71	3.1 <=	6.93	Pass
Window 31	3.7	2.2	2.6	0.71	3.1 <=	6.93	Pass

Appendix 5.2 - Room Depth Calculation
Regents Park Estate, London NW1 4BX

Room	Room Depth Coefficients				Room Depth Calculation		Result
	L	W	H	Rb	L/W + L/H	2/H-Rb	
<u>Second Floor</u>							
Window 32	3.9	5.8	2.3	0.7	2.37 <=	6.76	Pass
Window 33	5.8	3.9	2.6	0.7	3.72 <=	6.76	Pass
Window 34	5.1	2.8	2.6	0.65	3.78 <=	5.65	Pass
Window 35	2.8	5.1	2.6	0.65	1.63 <=	5.65	Pass
Window 36	3.7	4.3	2.6	0.69	2.28 <=	6.54	Pass
Window 37	4.3	3.7	2.6	0.69	2.82 <=	6.54	Pass
Window 38	4.3	2.8	2.6	0.71	3.19 <=	6.96	Pass
Window 39	4.3	5.1	2.6	0.65	2.5 <=	5.67	Pass
Window 40	5.1	4.3	2.6	0.65	3.15 <=	5.67	Pass
Window 41	3.2	5.1	2.6	0.65	1.86 <=	5.67	Pass
Window 42	2.2	5.5	2.5	0.68	1.28 <=	6.3	Pass
Window 43	5.1	5.5	2.6	0.68	2.89 <=	6.3	Pass
Window 44	5.1	2.4	2.6	0.71	4.09 <=	7.02	Pass
Window 45	5.1	3.3	2.6	0.66	3.51 <=	5.95	Pass
Window 46	3.3	5.1	2.6	0.66	1.92 <=	5.95	Pass
Window 47	3.5	4.0	2.5	0.63	2.28 <=	5.47	Pass
Window 48	4.0	3.5	2.6	0.63	2.68 <=	5.47	Pass
Window 49	4.0	2.4	2.6	0.72	3.21 <=	7.14	Pass
Window 50	4.0	3.2	2.6	0.71	2.79 <=	6.93	Pass
<u>Third Floor</u>							
Window 51	3.2	4.0	2.6	0.69	2.03 <=	6.54	Pass
Window 52	4.0	3.2	2.6	0.69	2.79 <=	6.54	Pass
Window 53	4.0	2.1	2.6	0.72	3.44 <=	7.11	Pass
Window 54	4.0	3.5	2.6	0.64	2.68 <=	5.49	Pass
Window 55	3.5	4.0	2.6	0.64	2.22 <=	5.49	Pass
Window 56	3.3	5.1	2.6	0.66	1.92 <=	5.96	Pass
Window 57	5.1	3.4	2.5	0.66	3.54 <=	5.96	Pass
Window 58	5.1	2.4	2.6	0.72	4.09 <=	7.02	Pass
Window 59	2.9	4.2	2.6	0.71	1.81 <=	6.96	Pass
Window 60	2.9	2.7	2.6	0.71	2.19 <=	7.0	Pass
Window 61	4.1	2.8	2.6	0.69	3.04 <=	6.54	Pass
Window 62	2.8	4.1	2.6	0.69	1.76 <=	6.54	Pass
Window 63	4.9	3.4	2.6	0.66	3.33 <=	5.97	Pass

**Appendix 5.2 - Room Depth Calculation
Regents Park Estate, London NW1 4BX**

Room	Room Depth Coefficients				Room Depth Calculation		Result
	L	W	H	Rb	L/W + L/H	2/H-Rb	
Window 64	3.4	4.9	2.6	0.66	2.0 <=	5.97	Pass
Window 65	3.6	4.0	2.6	0.64	2.28 <=	5.53	Pass
Window 66	4.0	3.6	2.6	0.64	2.65 <=	5.53	Pass
<u>Fourth Floor</u>							
Window 67	3.2	4.0	2.6	0.69	2.03 <=	6.54	Pass
Window 68	4.0	3.2	2.6	0.69	2.79 <=	6.54	Pass
Window 69	4.0	2.1	2.6	0.72	3.44 <=	7.11	Pass
Window 70	4.0	3.5	2.6	0.64	2.68 <=	5.49	Pass
Window 71	3.5	4.0	2.6	0.64	2.22 <=	5.49	Pass
Window 72	3.3	5.1	2.6	0.66	1.92 <=	5.96	Pass
Window 73	5.1	3.4	2.6	0.66	3.46 <=	5.96	Pass
Window 74	5.1	2.4	2.6	0.72	4.09 <=	7.02	Pass
Window 75	2.9	4.2	2.6	0.71	1.81 <=	6.96	Pass
Window 76	2.9	2.7	2.6	0.71	2.19 <=	7.0	Pass
Window 77	4.1	2.8	2.6	0.69	3.04 <=	6.54	Pass
Window 78	2.8	4.1	2.6	0.69	1.76 <=	6.54	Pass
Window 79	4.9	3.4	2.6	0.66	3.33 <=	5.97	Pass
Window 80	3.4	4.9	2.6	0.66	2.0 <=	5.97	Pass
Window 81	3.6	4.0	2.6	0.64	2.28 <=	5.53	Pass
Window 82	4.0	3.6	2.6	0.64	2.65 <=	5.53	Pass

Appendix 5.2 - Sunlight to Windows
Regents Park Estate, London NW1 4BX

Reference	Use Class	Annual Probable Sunlight Hours	
		Total	Winter
<u>Ground Floor</u>			
Window 2	Living/Kitchen	35%	8%
Window 3	Living/Kitchen	29%	5%
Window 4	Living/Kitchen	34%	7%
Window 5	Living/Kitchen	24%	6%
Window 10	Living/Kitchen	30%	6%
Window 11	Living/Kitchen	7%	0%
<u>First Floor</u>			
Window 12	Living/Kitchen	4%	0%
Window 13	Living/Kitchen	30%	8%
Window 21	Living Room	51%	8%
Window 22	Living Room	29%	6%
Window 23	Living Room	0%	0%
Window 24	Living Room	32%	6%
Window 25	Living Room	33%	6%
Window 26	Living Room	0%	0%
<u>Second Floor</u>			
Window 32	Living/Kitchen	5%	0%
Window 33	Living/Kitchen	38%	10%
Window 39	Living Room	59%	5%
Window 40	Living Room	32%	7%
Window 41	Living Room	0%	0%
Window 45	Living Room	36%	6%
Window 46	Living Room	0%	0%
<u>Third Floor</u>			
Window 56	Living Room	11%	8%
Window 57	Living Room	39%	8%
Window 63	Living Room	10%	0%
Window 64	Living Room	18%	3%
<u>Fourth Floor</u>			
Window 72	Living Room	13%	9%

Appendix 5.2 - Sunlight to Windows
Regents Park Estate , London NW1 4BX

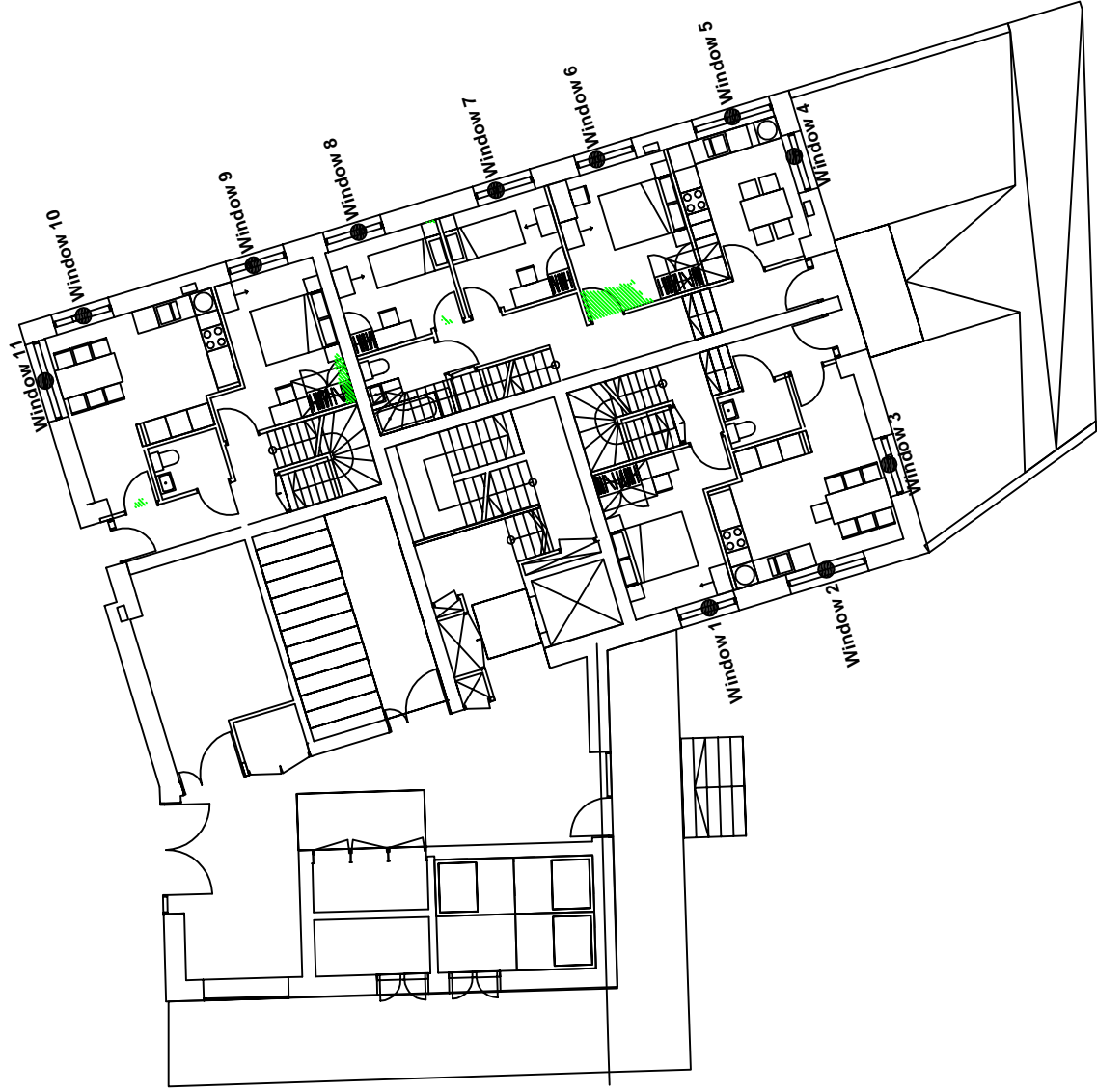
Reference	Use Class	Annual Probable Sunlight Hours	
		Total	Winter
Window 73	Living Room	40%	9%
Window 79	Living Room	11%	0%
Window 80	Living Room	8%	3%

APPENDIX 5.3

NO SKY LINE CONTOURS

Appendix 5.3 No Sky Line Contours

Proposed Ground Floor



Key:

1

Window reference



Area receives no direct sky light (applied to habitable rooms)



Area does receive direct sky light.



Light aperture.

Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **No Sky Line Contours**

Scale: **Do not scale**

Drawing No: **1 of 5**

Rev. -

Rev

Date

Details of revision



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Appendix 5.3 No Sky Line Contours

Proposed First Floor



Key:

1

Window reference

Area receives no direct sky light
(applied to habitable rooms)

Area does receive direct sky light.

Light aperture.



Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **No Sky Line Contours**

Scale: **Do not scale**

Drawing No: **2 of 5**

Rev. -

Rev Date Details of revision



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Appendix 5.3 No Sky Line Contours

Proposed Second Floor



Key:

1

Window reference

Area receives no direct sky light (applied to habitable rooms)

Area does receive direct sky light.

Light aperture.

Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **No Sky Line Contours**

Scale: **Do not scale**

Drawing No: **3 of 5**

Rev. -

Rev

Date

Details of revision



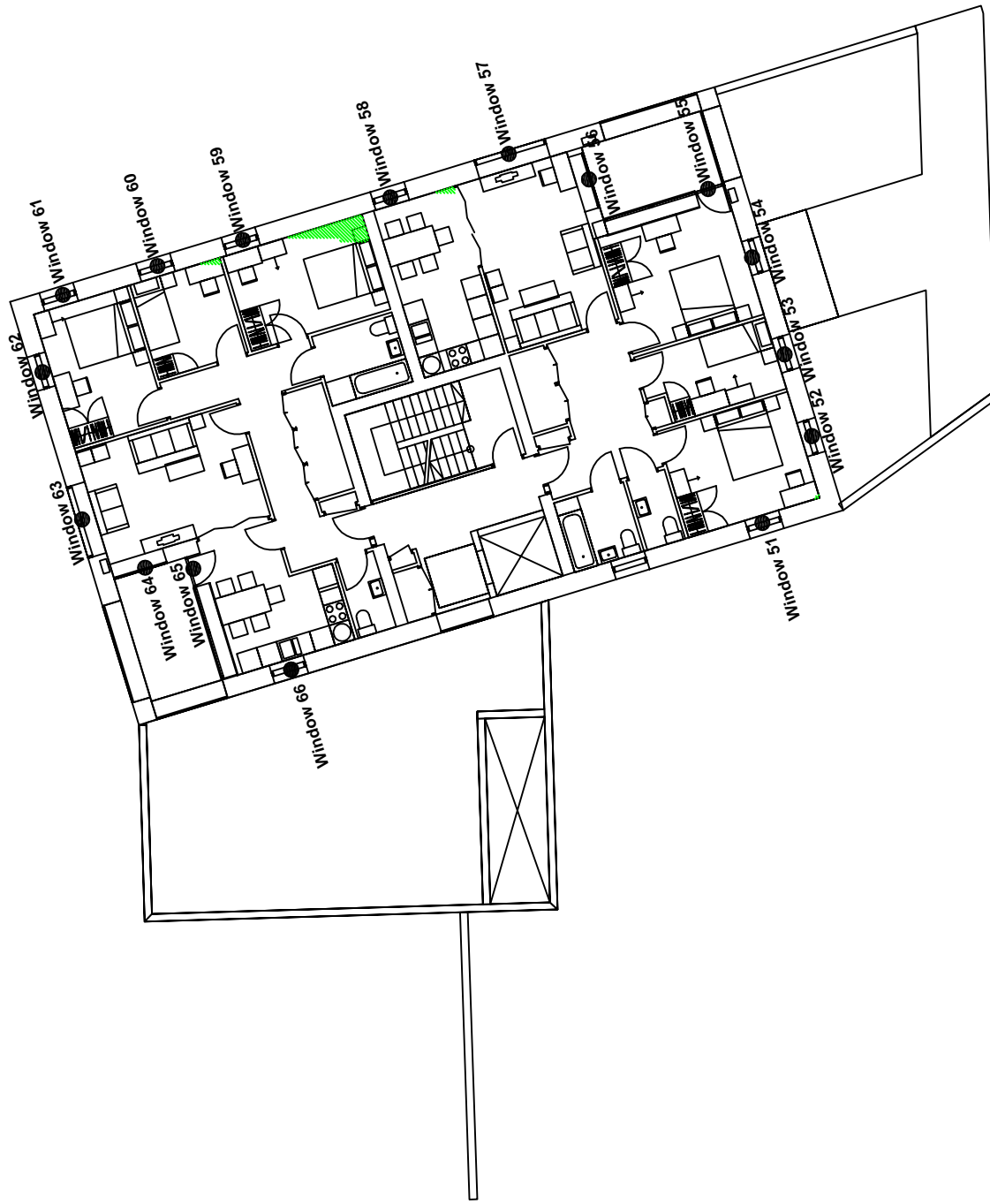
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Appendix 5.3 No Sky Line Contours

Proposed Third Floor



Key:

1

Window reference

Area receives no direct sky light
(applied to habitable rooms)

Area does receive direct sky light.

Light aperture.

Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **No Sky Line Contours**

Scale: **Do not scale**

Drawing No: **4 of 5**

Rev. -

Rev

Date

Details of revision



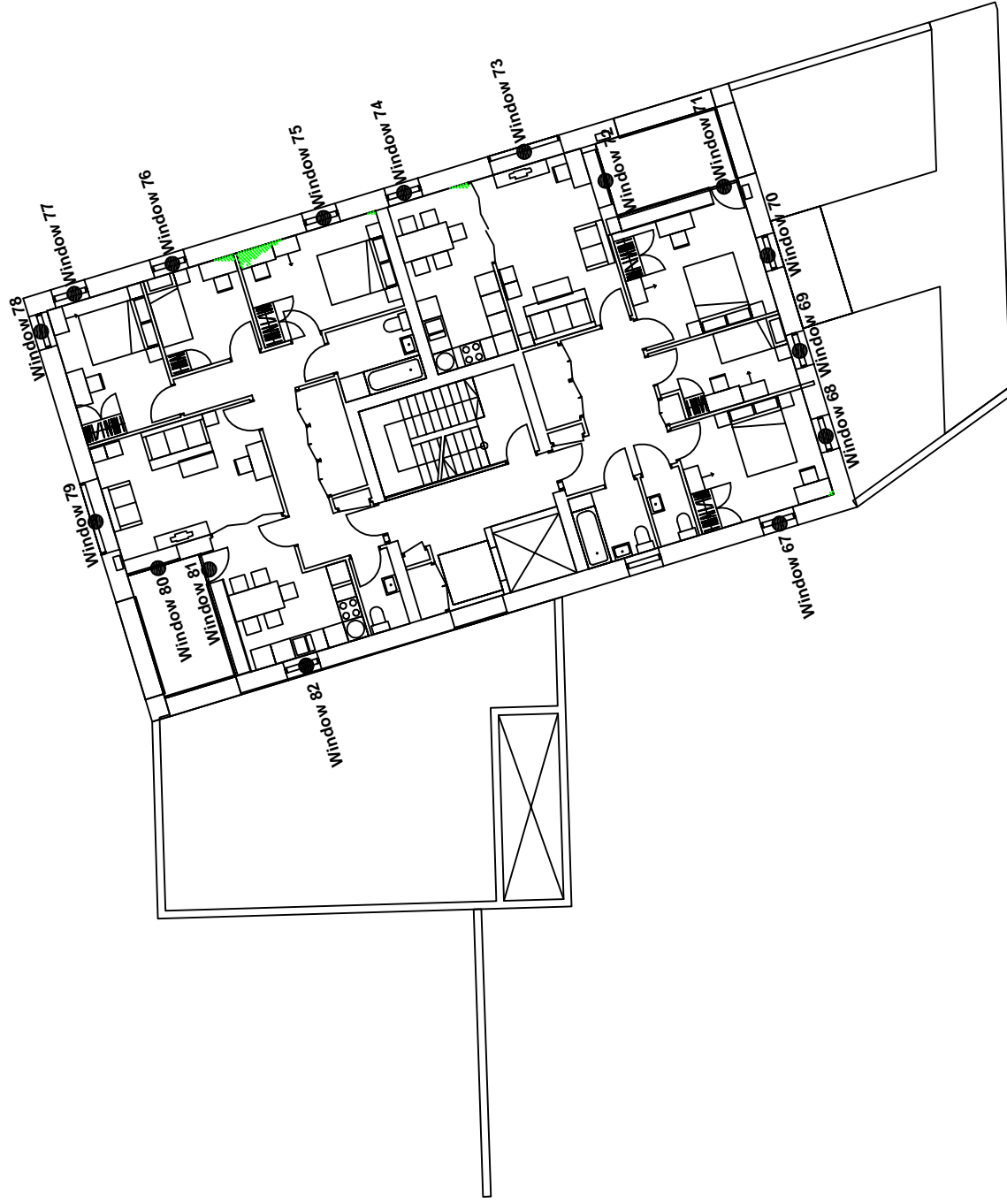
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Appendix 5.3 No Sky Line Contours

Proposed Fourth Floor



Key:

1

Window reference



Area receives no direct sky light (applied to habitable rooms)



Area does receive direct sky light.



Light aperture.

Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **No Sky Line Contours**

Scale: **Do not scale**

Drawing No: **5 of 5**

Rev. -

Rev

Date

Details of revision



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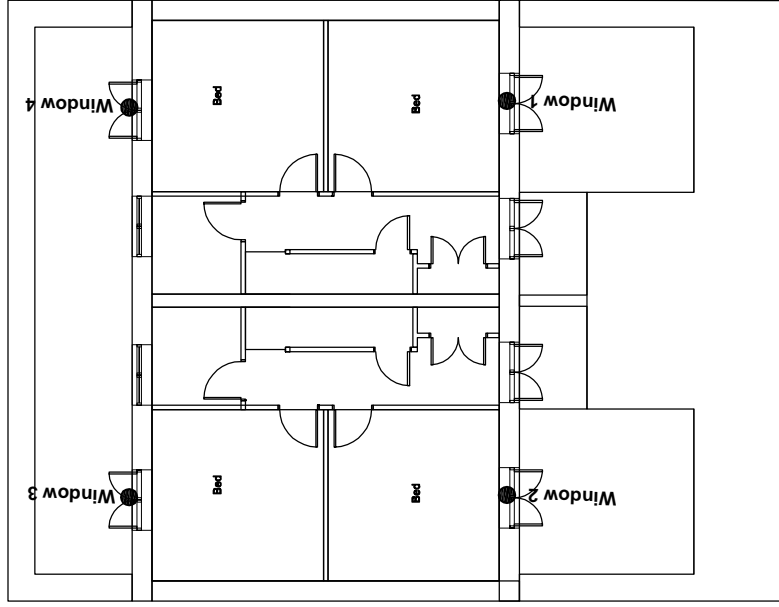
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APPENDIX 6

CAPE OF GOOD HOPE

APPENDIX 6.1

WINDOW KEY



Key:

Window 1 ● Window reference

Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **Window Key**

Scale: **Do not scale**

Drawing No: **1 of 7**

Rev. -

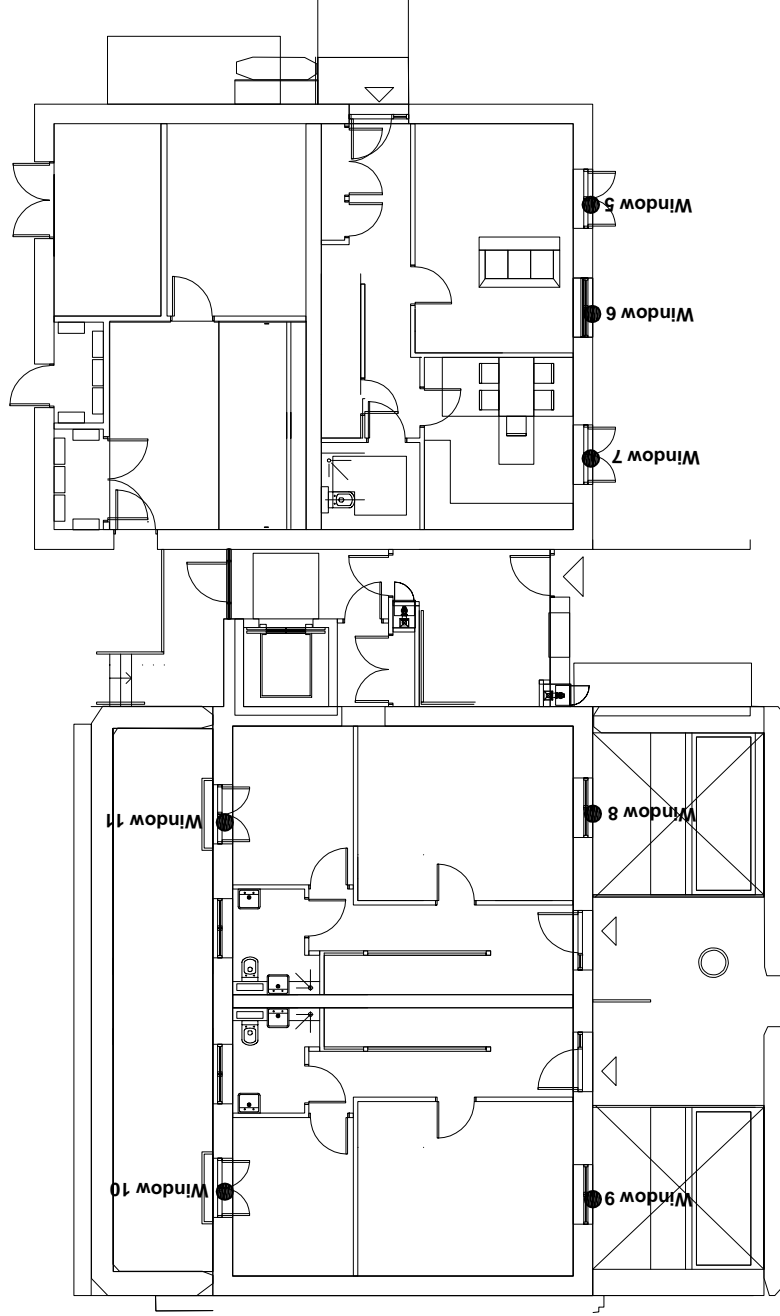
Rev	Date	Details of revision



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Key:

Window 1 ● Window reference



Project Name: **Regents Park Estate, London NW1 4BX**

Drawing Title: **Window Key**

Scale: **Do not scale**

Rev	Date	Details of revision	Rev.	-



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