



Revised BRE Daylight and Sunlight (Within Development)

June 2016



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Revised Daylight and Sunlight Study (Within Development) Redevelopment at West End Lane, London NW6 1SD

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DAYLIGHT AND SUNLIGHT STUDY
Redevelopment at West End Lane, London NW6 1SD

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1 EXECUTIVE SUMMARY

1.1 Overview

- 1.1.1 Right of Light Consulting has been commissioned by A2 Dominion Development Limited to undertake a daylight and sunlight study in connection with the development at 156 West End Lane, London NW6 1SD.
- 1.1.2 The development comprises of the demolition of all existing buildings and redevelopment of the site to provide 163 mixed-tenure homes (Use Class C3), new floorspace for town centre uses (Use Classes A1, A2, A3, D1 or D2), new employment floorspace (including four dedicated units for start-up businesses) (Use Class B1), a community meeting room and new and improved public open spaces, together with associated new landscaping, on-site access, servicing and disabled car parking.
- 1.1.3 The aim of the study is to check whether or not the proposed habitable rooms receive satisfactory levels of daylight and sunlight. This report supersedes the Daylight and Sunlight study dated 18 December 2015 and takes into account the changes to the proposed design. For the purpose of the amended design, we have worked closely with the architect to ensure that the proposed rooms will benefit from the best possible access to daylight and sunlight.
- 1.1.4 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.
- 1.1.5 Appendix 1 identifies the windows analysed in this study. The numerical test results (including all calculation workings) are provided in Appendix 2. No sky line contours are presented in Appendix 3.
- 1.1.6 The numerical results confirm that the proposed development design achieves a high level of compliance with the BRE recommendations. The majority of the proposed rooms meet or surpass the BRE numerical recommendations. Whilst a small number of rooms do not meet the recommendations, the results are not unusual in the context of an urban location.

1.1.7 It should be noted that the BRE Guidelines were written with a suburban context in mind and should be interpreted flexibly. The BRE Guidelines states “Note that numerical values given here are purely advisory. Different criteria may be used based on the requirements for daylighting in an area viewed against other site layout constraints. Following the above, we are of the opinion that the daylight and sunlight levels achieved by the proposal is justifiable.

2 INFORMATION SOURCES

2.1 Documents Considered

2.1.1 This report is based on the following drawings:

Child Graddon Lewis

PL (00) P001	Location Plan	Rev A
PL (00) P002	Site Plan Existing	Rev A
PL (00) P005	Site Plan Proposed	Rev A
PL (00) P010	Ground Floor East Building	Rev E
PL (01) P011	First Floor Plan – East Building	Rev F
PL (02) P012	Second Floor Plan – East Building	Rev F
PL (03) P013	Third Floor Plan – East Building	Rev E
PL (04) P014	Fourth Floor Plan – East Building	Rev E
PL (05) P015	Fifth Floor Plan – East Building	Rev G
PL (06) P016	Roof Plan – East Building	Rev -
PL (00) P020	Ground Floor Plan – West Building	Rev F
PL (01) P021	First Floor Plan – West Building	Rev F
PL (02) P022	Second Floor Plan – West Building	Rev H
PL (03) P023	Third Floor Plan – West Building	Rev F
PL (04) P024	Fourth Floor Plan – West Building	Rev F
PL (05) P025	Fifth Floor Plan – West Building	Rev E
PL (06) P026	Roof Plan – West Building	Rev -
PL (EL) P030	Elevation – West End Lane Elevation	Rev B
PL (EL) P031	Elevation – South Elevation (West Building)	Rev B
PL (EL) P032	Elevation – South Elevation (East Building)	Rev B
PL (EL) P033	Elevation – East Elevation	Rev B
PL (EL) P034	Elevation – North Elevation (West Building)	Rev A
PL (EL) P035	Elevation – North Elevation (East Building)	Rev A
PL (EL) P036	Elevation – Central Courtyard (East Building)	Rev C
PL (EL) P037	Elevation – Central Courtyard (West Building)	Rev C
PL (EL) P038	Elevation – East Courtyard	Rev B
PL (EL) P039	Elevation – West Courtyard	Rev B
PL (EL) P040	Elevation – Elevation – Courtyards North	Rev A
PL (SE) P045	Site Sections 1	Rev A
PL (SE) P046	Site Sections 2	Rev A

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*)
- 3.2.3 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) |
| A _w | is the net glazed area of the window (m ²) |
| A | is the total area of the room surfaces (m ²) |
| R | is their average reflectance |
| θ | is the angle of visible sky in degrees |

3.2.4 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.

3.2.5 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.

3.2.6 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.

3.2.7 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.

3.2.8 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

3.2.9 Test 3 Position of the no sky line

3.2.10 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.

3.2.11 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 The BRE guide recommends that where possible each dwelling should have at least one main living room window that faces within 90 degrees of due south. However, the guide acknowledges that this is not always possible when it comes to flats.

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.

3.4 Overshadowing to Gardens and Open Spaces

3.4.1 The availability of sunlight should be checked for all open spaces where sunlight is required. This would normally include:

- Gardens, usually the main back garden of a house
- Parks and playing fields
- Children's playgrounds
- Outdoor swimming pools and paddling pools
- Sitting out areas, such as those between non-domestic buildings and in public squares
- Focal points for views such as a group of monuments or fountains.

3.4.2 The BRE guide recommends that for an open space to appear adequately lit throughout the year, at least 50% of its area should receive two hours of sunlight on 21st March.

4 RESULTS OF THE STUDY

4.1 Window Reference Points

- 4.1.1 Refer to Appendix 1 for a drawing which identifies the positions of the windows and amenity areas 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 2. No sky line contours for the habitable rooms are presented in Appendix 3.

4.3 Interior Daylighting

- 4.3.1 Approximately 94% of all habitable rooms achieve or surpass the minimum recommended Average Daylight Factor (ADF) targets (only 27 of the total 461 rooms fall marginally short of their ADF targets). This is a very high level of compliance in the context of an urban development site.
- 4.3.2 The results confirm that 2 of the 27 shortfalls serve bedrooms (bedroom served by window 115 achieves 0.8% and the bedroom served by window 370 achieves 0.9% against the BRE target of 1% for this room type). The remaining shortfalls are to living/dining/kitchens (25 of the 27 shortfalls). Where a room type contains a kitchen, the ADF target applicable is 2%. However, we note that the BRE guide does not preclude developments from containing non daylit kitchens. The BRE guide states “Non-daylit internal kitchens should be avoided wherever possible, especially if the kitchen is used as a dining area too. If the layout means that a small internal galley-type kitchen is inevitable, it should be directly linked to a well daylit living room.”
- 4.3.3 Following the above, it is important to note that 21 of the 25 living/dining/kitchen rooms, which do not meet their ADF target of 2%, achieve at least 1.5% which is the target of a living/dining room. We are therefore of the opinion that the Average Daylight Factors scores achieved by the development is acceptable.
- 4.3.4 All rooms pass the room depth test where this test is applicable.
- 4.3.5 The BRE guide does not give fixed numerical pass/fail criteria for the No Sky Line test when applied to new dwellings (guidance is given for when this test is applied to

existing neighbouring buildings). However, for completeness, we have illustrated the no sky line contours in Appendix 3. The contours illustrate good access to daylight over a significant part of the working plane for the majority of the rooms.

4.4 Sunlight to Windows

- 4.4.1 The proposed development contains a mixture of south, south east & west and north east & west facing living rooms. Whilst the aim is usually to maximise the number of south facing living rooms within domestic dwellings, the BRE guide does not give mandatory sunlight requirements for flats. The guide states that for larger developments, especially those with site constraints, it may not be possible to have every living room facing within 90 degrees of due south.
- 4.4.2 Notwithstanding the above, 78% of the living rooms (128 of the 163) at the proposed development have at least one window which faces within 90 degrees of due south.
- 4.4.3 The results also confirm that, of the 163 living rooms within the proposed development, 121 contain at least 1 window which archives at least 25% of annual probable sunlight hours, including 5% of annual probable sunlight hours between 21 September and 21 March. The annual and winter probable sunlight hours data is presented in Appendix 2.

4.5 Overshadowing to Gardens and Open Spaces

- 4.5.1 The results confirm that 100% of the main communal green courtyard will receive at least two hours of sunlight on 21st March. The results also confirm that 93% of the fifth floor shared landscaped terrace will receive at least two hours of sunlight on 21st March. This is significantly better than the BRE recommendation which states that at least 50% of any garden or amenity area should receive at least two hours of sunlight on the 21st March.
- 4.5.2 Overshadowing assessments have also been undertaken on the two new ground level and first floor podium communal residential spaces. As noted by the BRE guidance, it must be borne in mind that nearly all structures will create areas of new shadow, and some degree of transient overshadowing of a space is to be expected. The two new courtyards form part of the range of residential amenity space provided as individual gardens, balconies and a large south-facing roof-top courtyard, together

with the landscaped central public open space. This mixture of individual, communal and shared amenity space provides a balance between safe and quiet environments, outlook and privacy, smaller and larger areas, playspace and individual space. Whilst it is acknowledged that as a product of their design and location, the two new courtyards will, in isolation, receive less sunlight than the BRE recommendation, the range of provision of landscaped central public open space, the rooftop courtyard, balconies and gardens ensures that all residents will have access to amenity space which greatly exceeds the minimum amount of sunlight recommended by the BRE guidelines.

4.6 Conclusion

- 4.6.1 Right of Light Consulting confirms that the proposed development design achieves a high level of compliance with the BRE recommendations. The majority of the proposed rooms meet or surpass the BRE numerical recommendations. Whilst a small number of rooms do not meet the recommendations, the results are not unusual in the context of an urban location. The BRE guide explains that the numerical guidelines should be interpreted flexibly, since natural lighting is only one of many factors in site layout design. The Local Authority should therefore balance daylight and sunlight considerations against all other material planning considerations when deciding whether to grant planning permission.

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

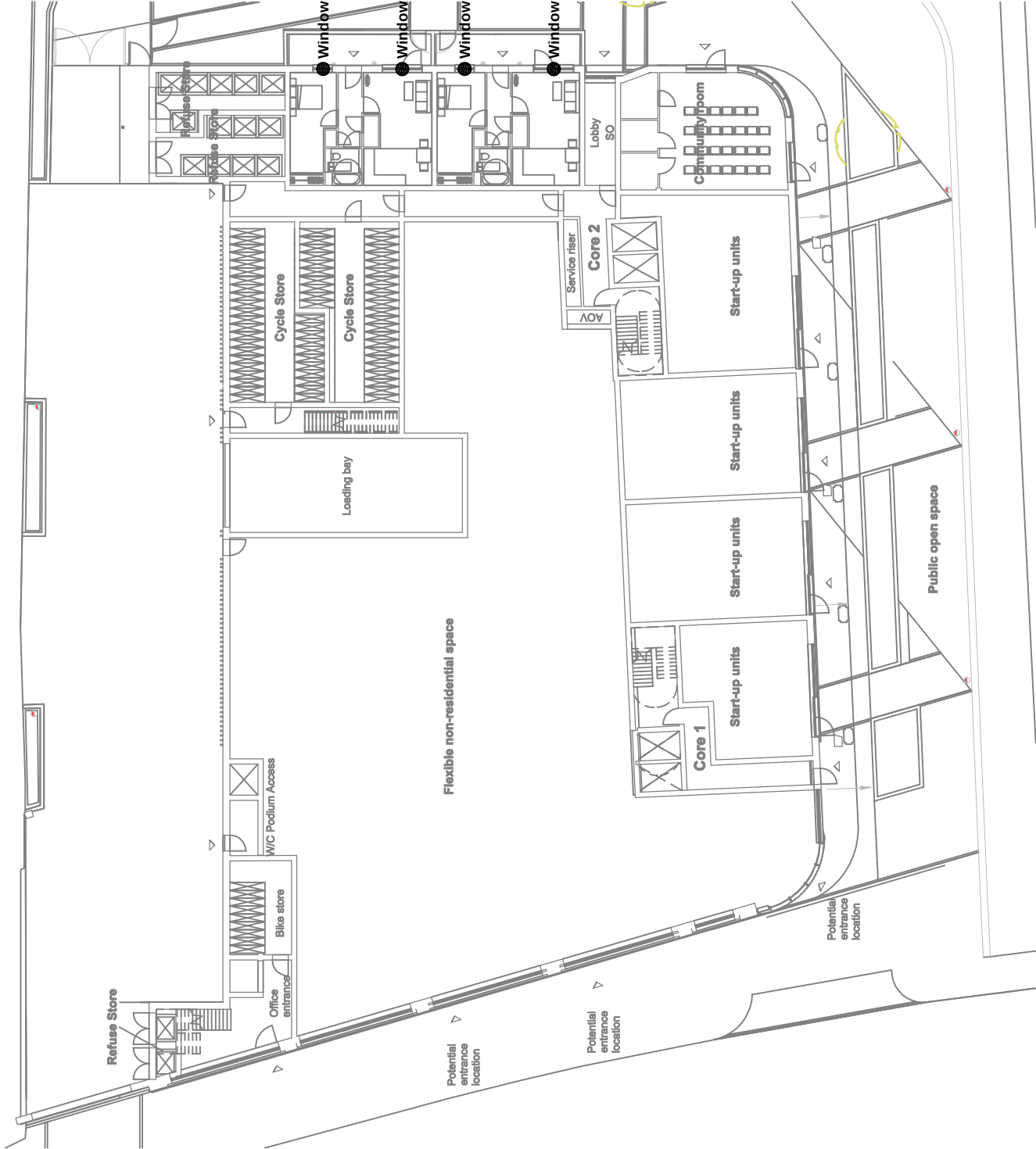
APPENDIX 1

WINDOW KEY

Key:

Window 1 ● Window reference

G1 Gardens and Amenity Areas



Central Green
Courtyard

G1

Project Name: 156 Vest End Lane, London NV6 1SD

Drawing Title: Window Key

Scale: Do not scale

Drawing No: 1 of 13

Rev. - Details of revision



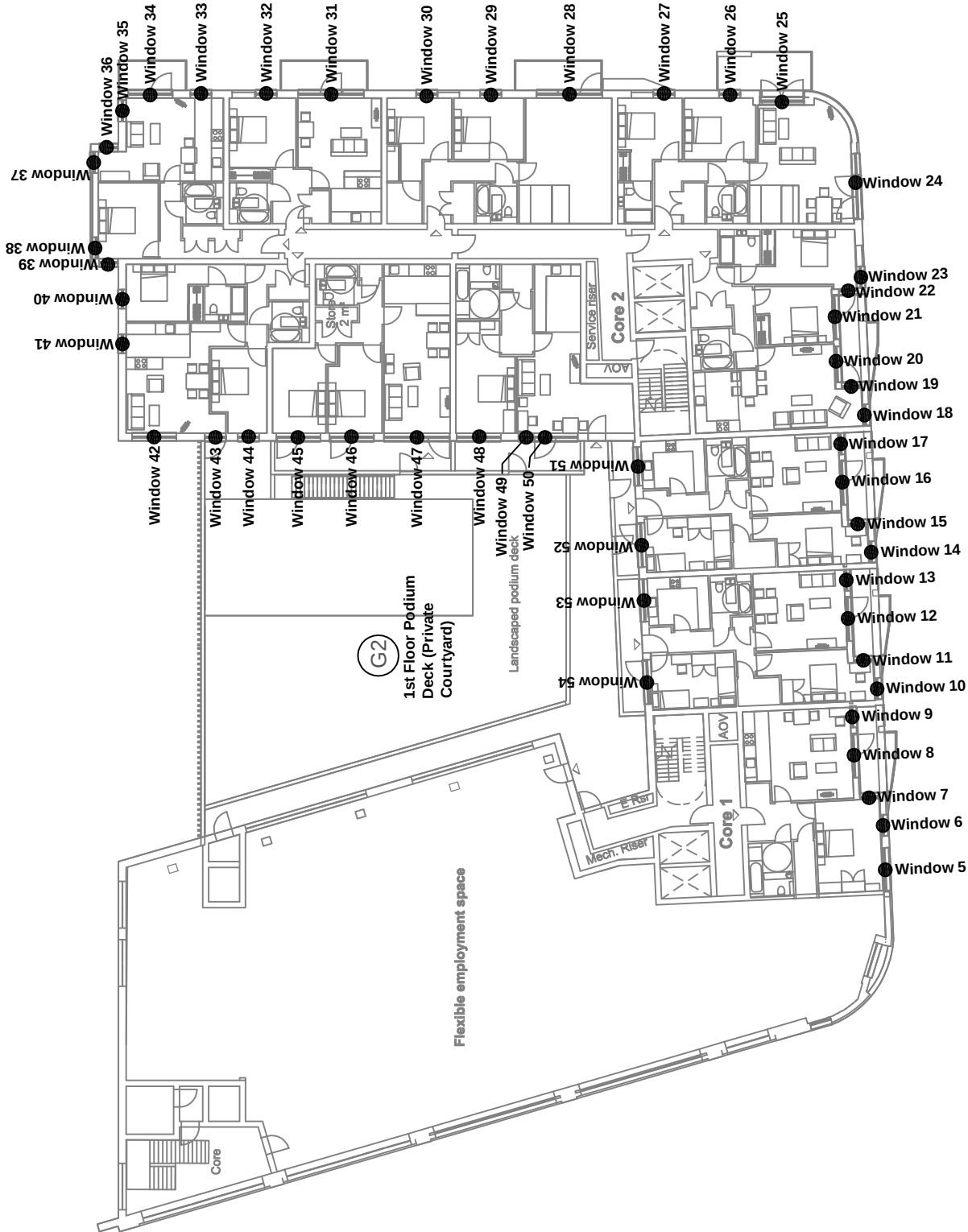
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Key:

Window 1 ● Window reference

G1 Gardens and Amenity Areas



Project Name: 156 Vest End Lane, London NV6 1SD

Drawing Title: Window Key

Scale: Do not scale

Drawing No: 2 of 13

Rev. -

Rev

Date

Details of revision



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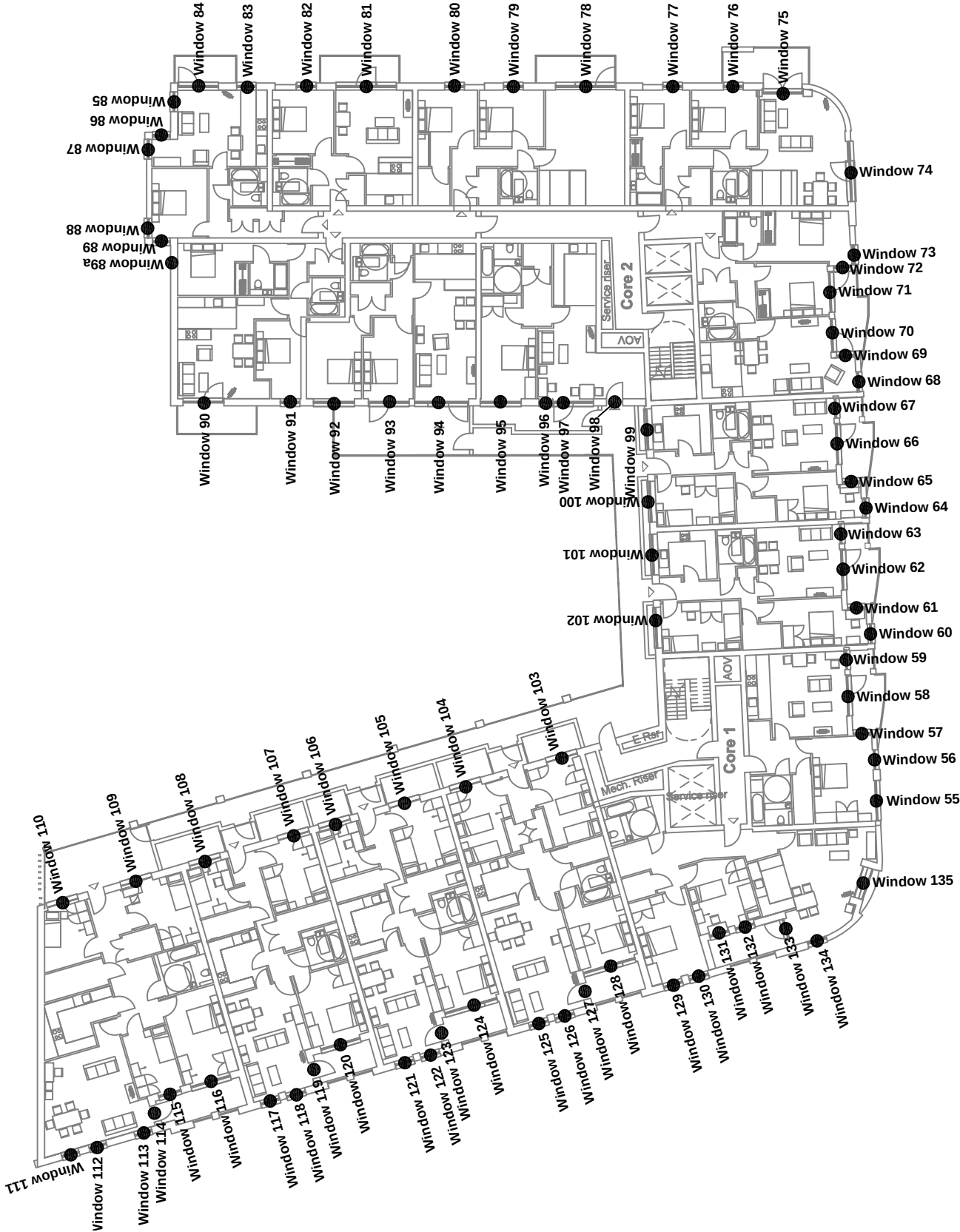
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Key:

Window 1 ● Window reference

G1 Gardens and Amenity Areas



Project Name: 156 Vest End Lane, London NW6 1SD

Drawing Title: Window Key

Scale: Do not scale

Drawing No: 3 of 13

Rev. -

Rev

Date

Details of revision



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Window 1 ● Window reference

G1 Gardens and Amenity Areas

Drawing Title:	Window Key
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Scale: Do not scale

Drawing No: **4 of 13**

Rev	Date	Details of revision
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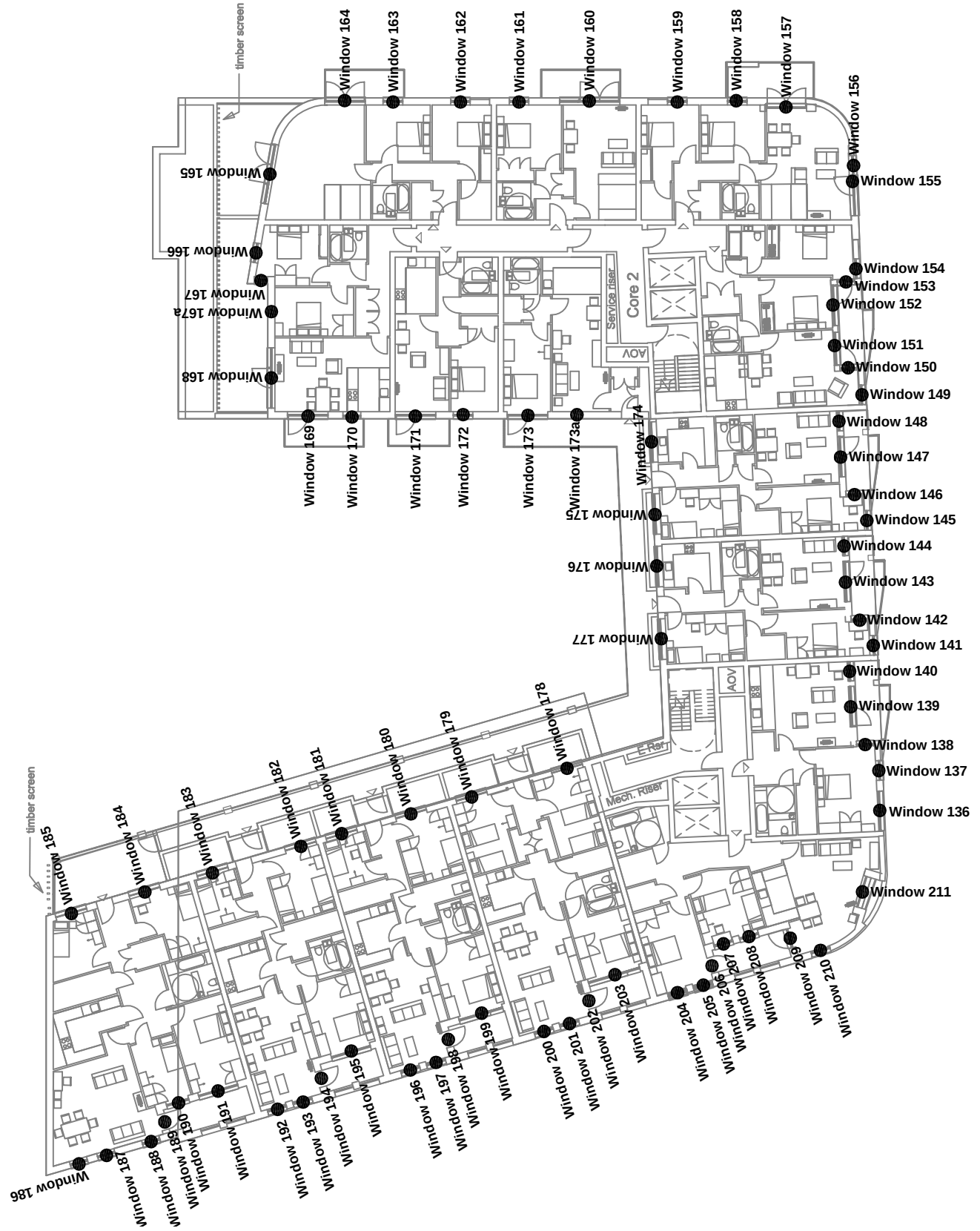
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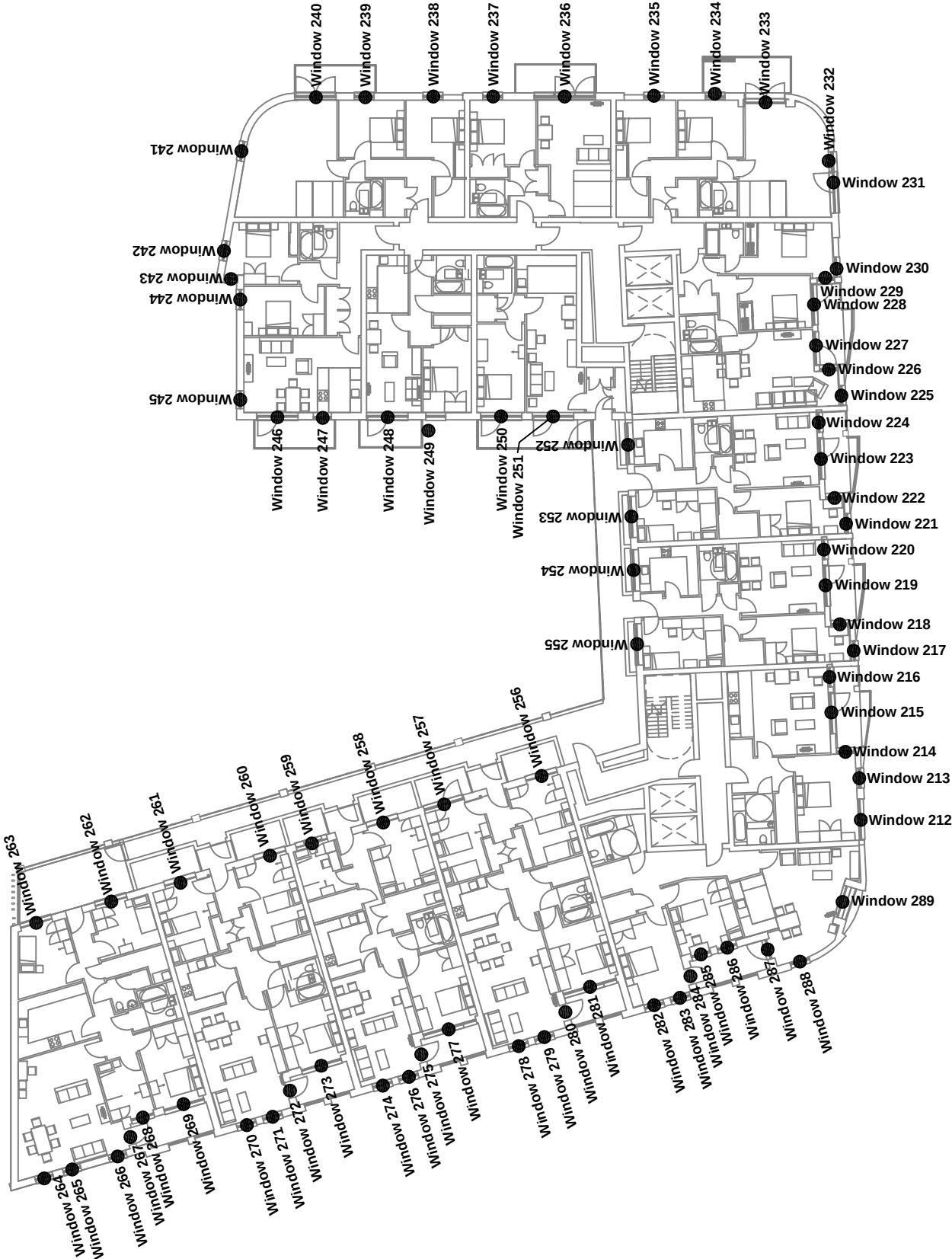
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Key:

Window 1 ● Window reference

G1 Gardens and Amenity Areas



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Details of revision	

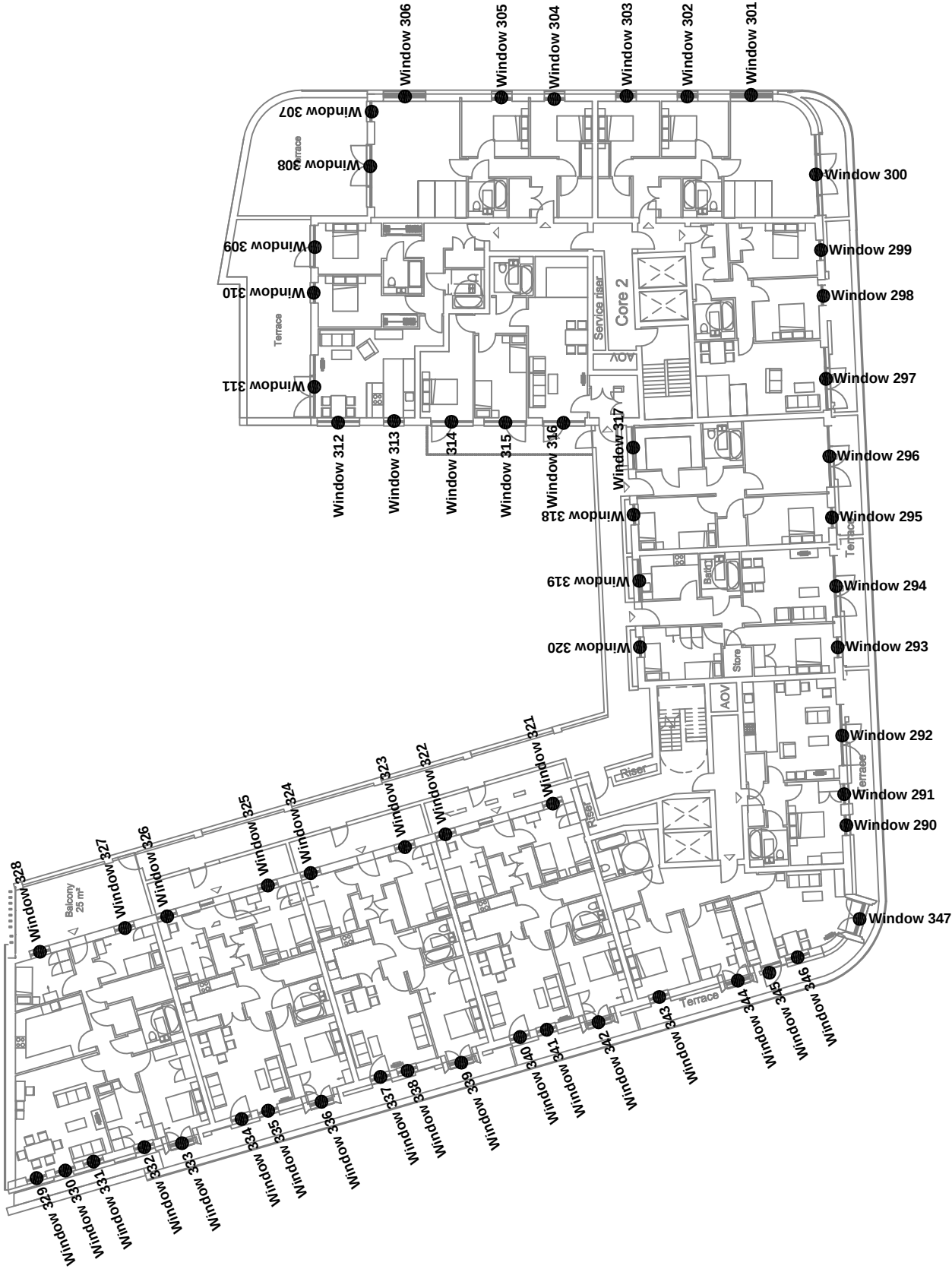


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Key:

Window 1 ● Window reference

G1 Gardens and Amenity Areas



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Details of revision	



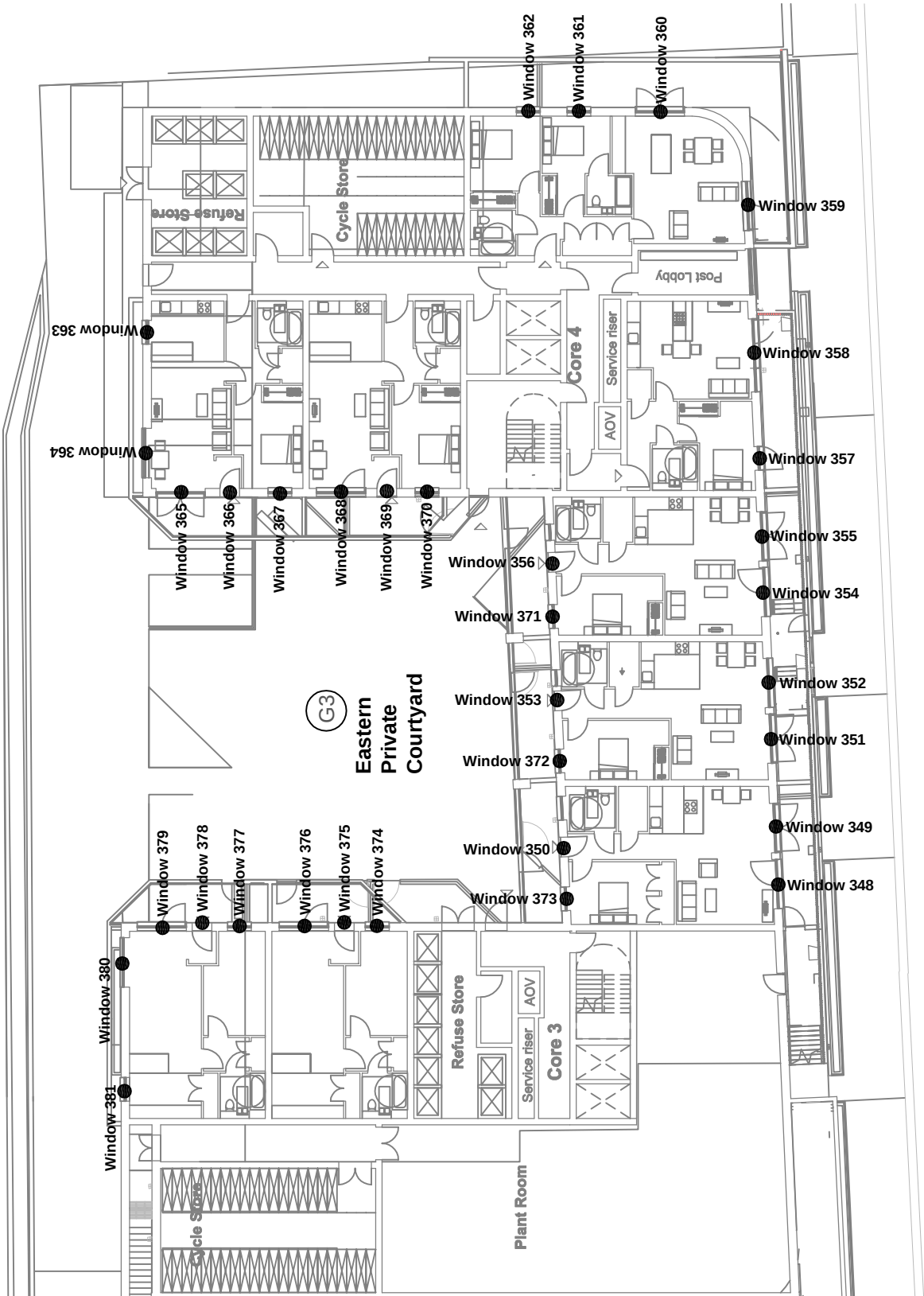
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Key:

Window 1 ● Window reference

G1 Gardens and Amenity Areas



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Details of revision	



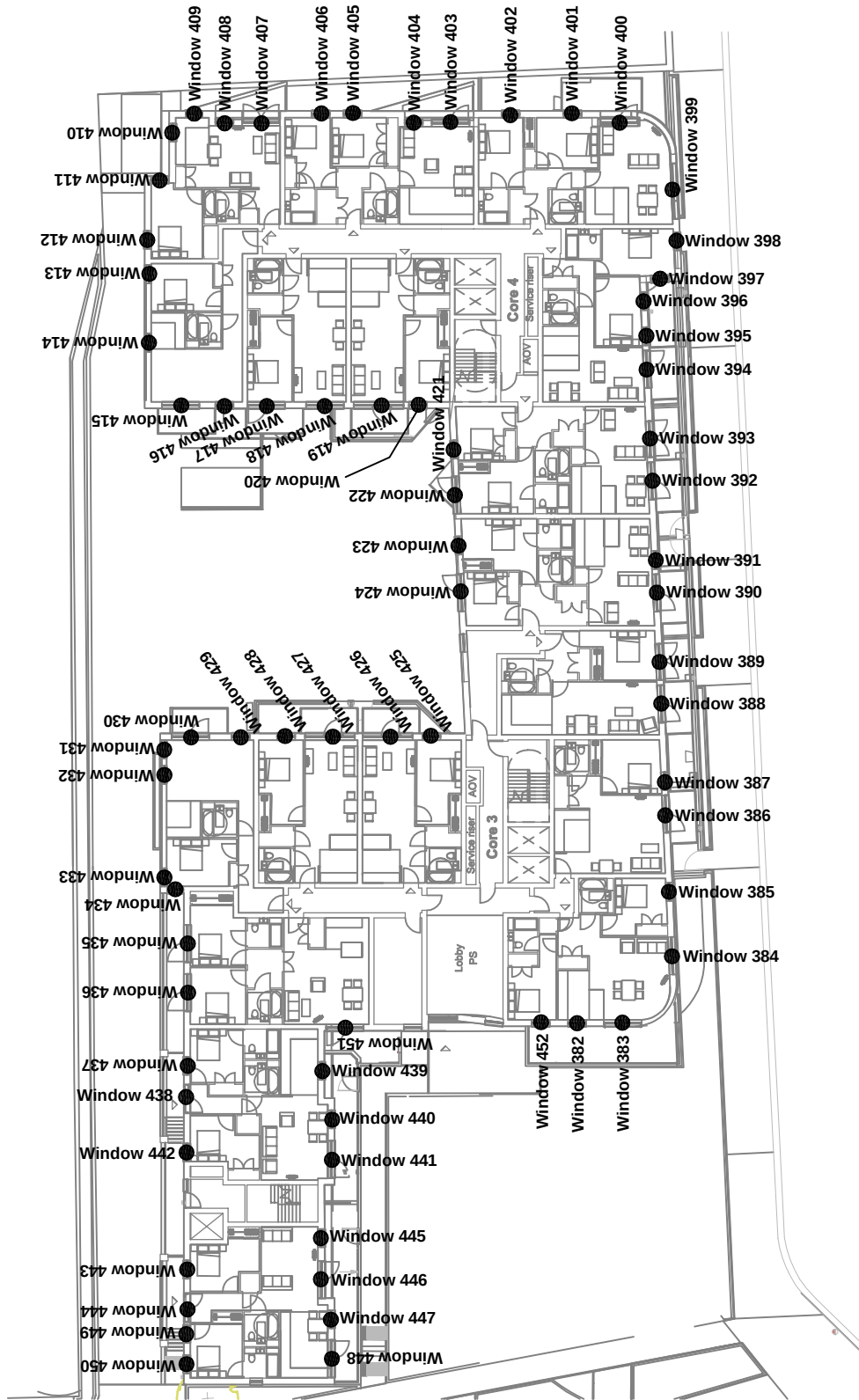
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Key:

Window 1 ● Window reference

G1 Gardens and Amenity Areas



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Details of revision	

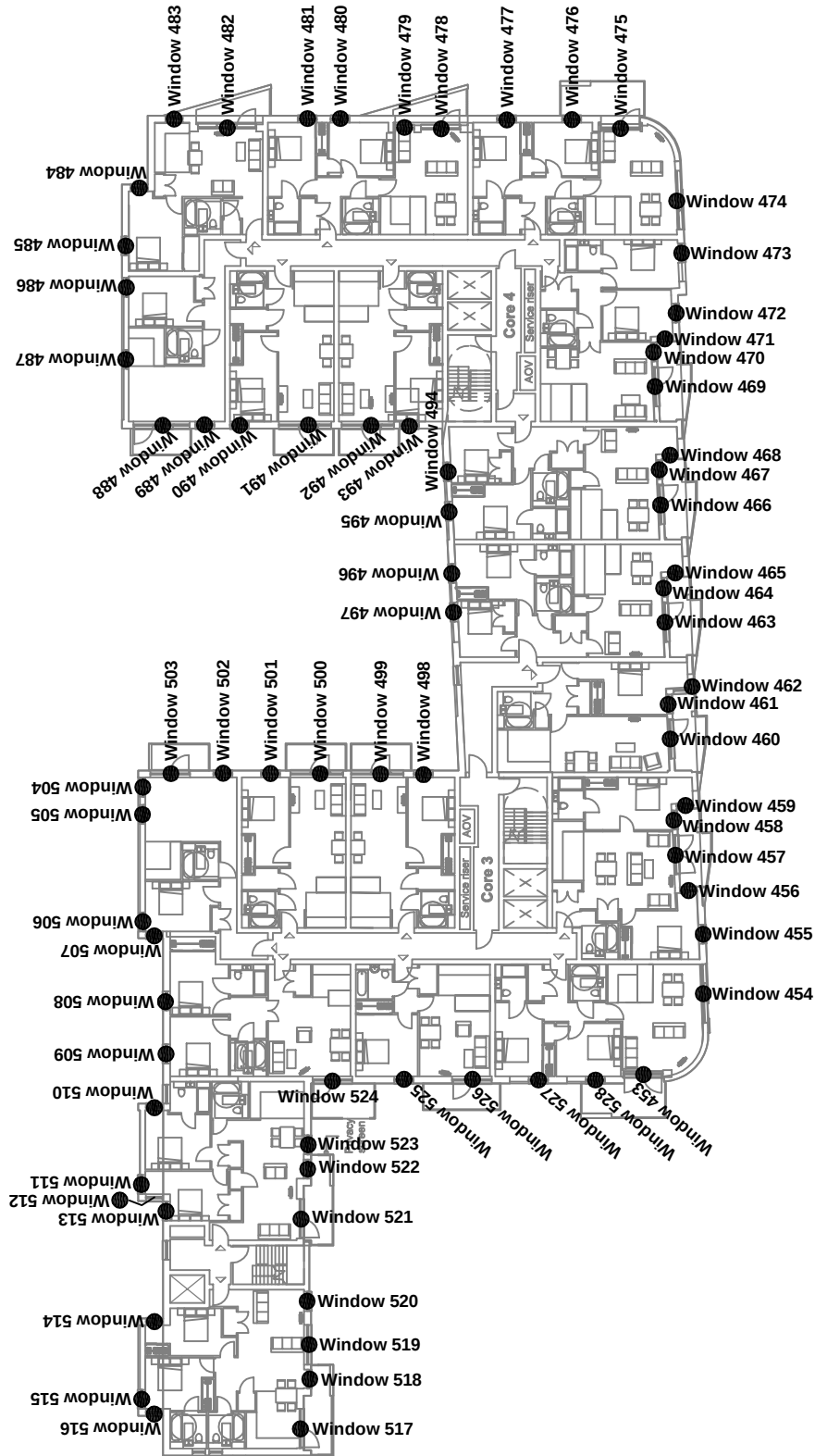


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Key:

Window 1 ● Window reference

G1 Gardens and Amenity Areas



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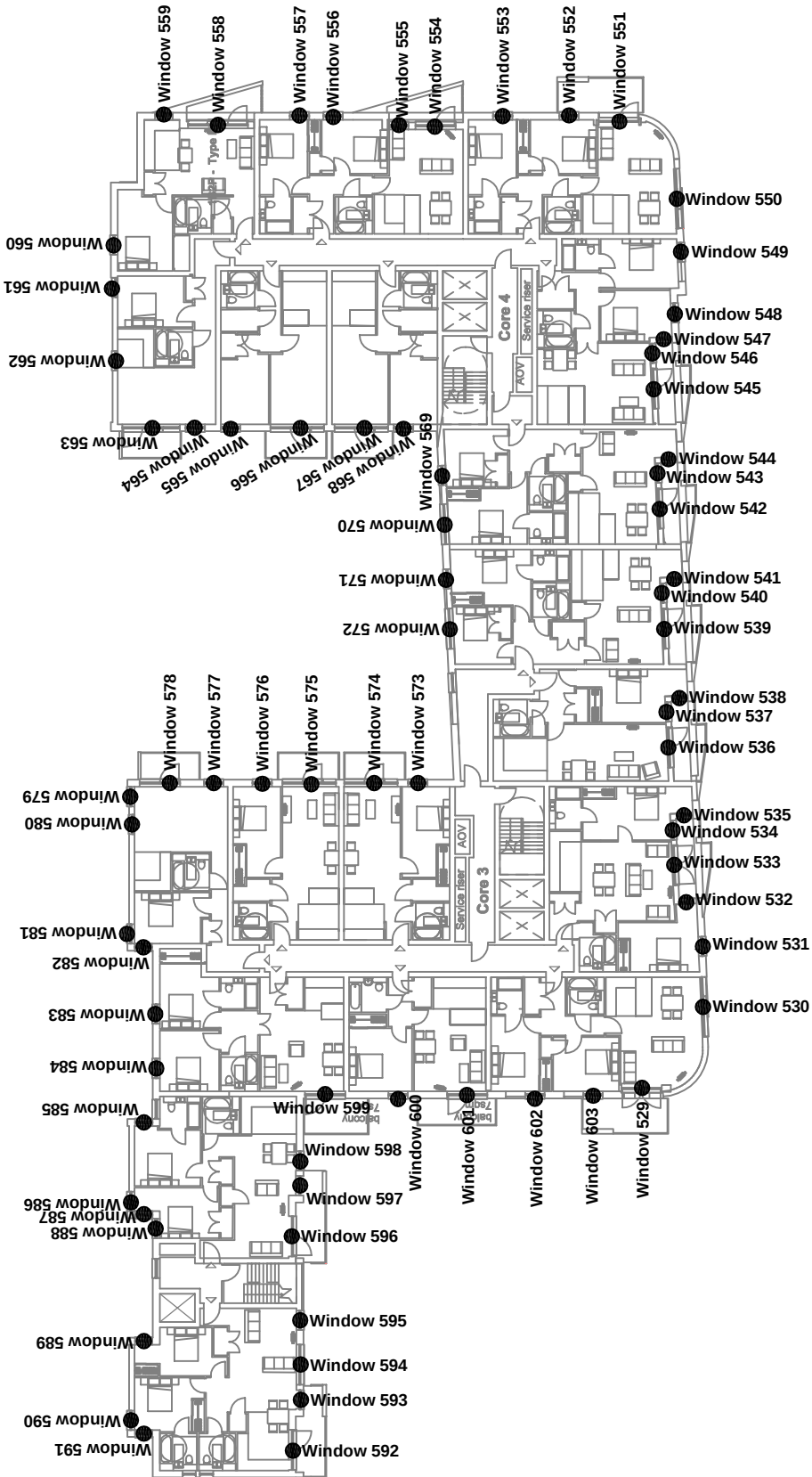


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Key:

Window 1 ● Window reference

G1 Gardens and Amenity Areas



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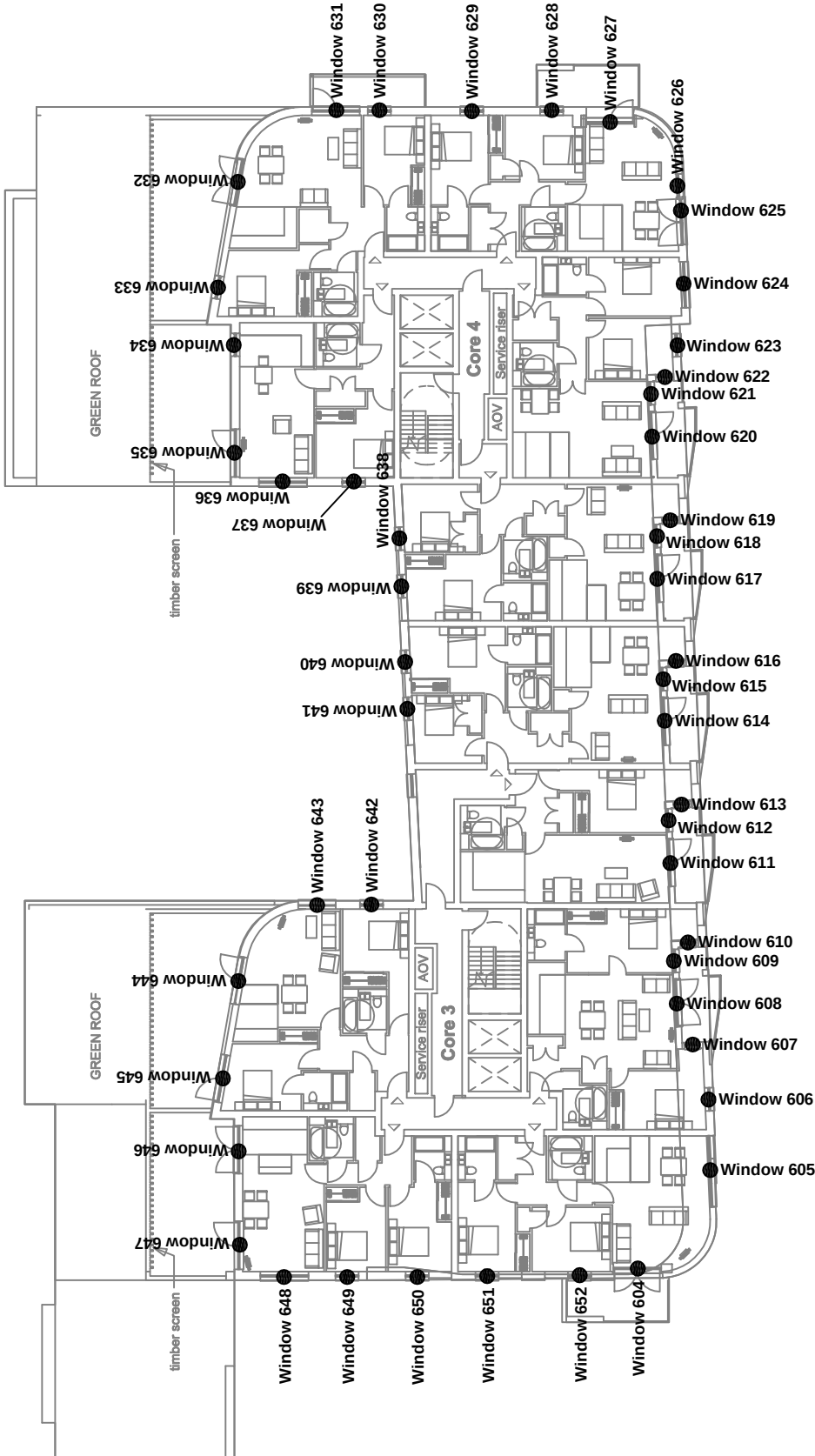


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Key:

Window 1 ● Window reference

G1 Gardens and Amenity Areas



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Details of revision	

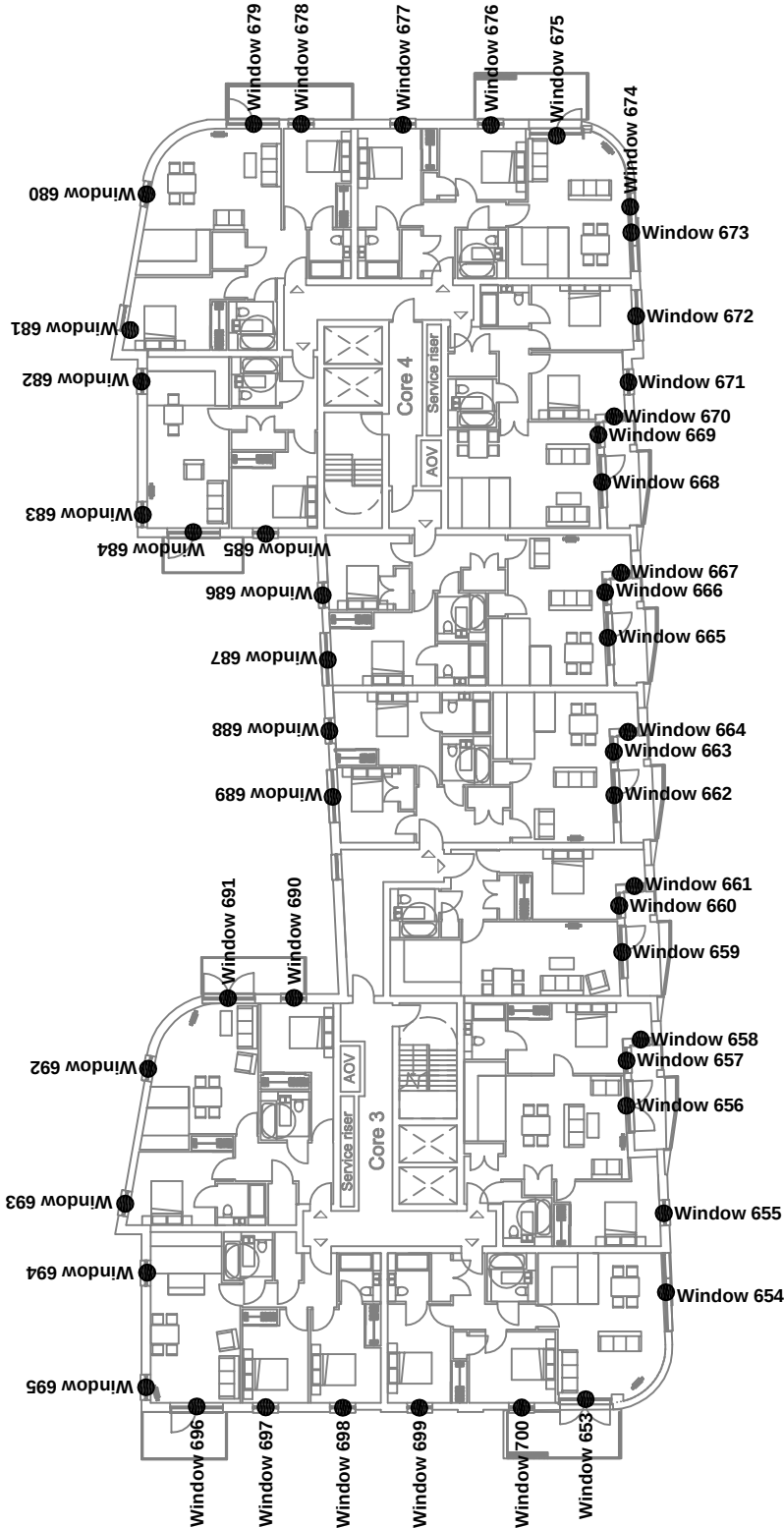


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Key:

Window 1 ● Window reference

G1 Gardens and Amenity Areas



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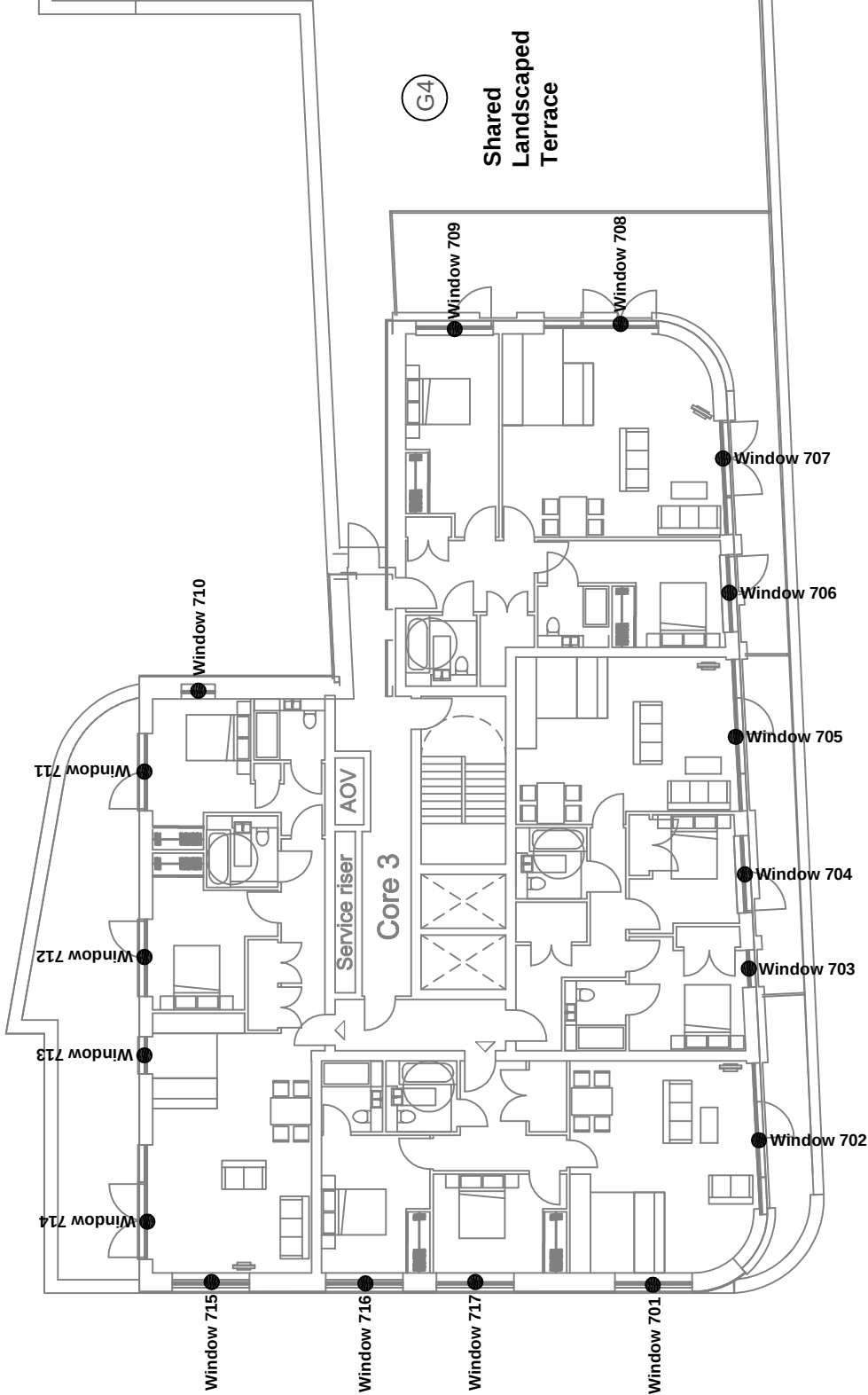


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Key:

Window 1 ● Window reference

G1 Gardens and Amenity Areas



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Rev	Date
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APPENDIX 2

DAYLIGHT AND SUNLIGHT CALCULATIONS

Appendix 2 - Average Daylight Factor (ADF)
156 West End Lane, London NW6 1SD

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 West Building</u> Window 1 (lower) Window 1 (upper) Total ADF for room Window 2 (lower) Window 2 (upper) Total ADF for room Window 3 (lower) Window 3 (upper) Total ADF for room Window 4 (lower) Window 4 (upper) Total ADF for room	Living/Dining/Kitchen	2.0%							
			0.68	1.75	122.9	0.7	56.0	0.4%	
			0.68	4.37	122.9	0.7	42.5	2.0%	
	Bedroom	1.0%						2.4%	Pass
			0.68	0.84	85.8	0.72	57.1	0.3%	
	Living/Dining/Kitchen	2.0%	0.68	2.1	85.8	0.72	58.8	2.0%	
								2.3%	Pass
<u>Proposed First Floor West Building</u> Window 5 (lower) Window 5 (upper) Window 6 (lower) Window 6 (upper) Window 7 (lower) Window 7 (upper) Total ADF for room Window 8 (lower) Window 8 (upper) Window 9 (lower) Window 9 (upper)	Bedroom	1.0%							
			0.68	1.75	124.06	0.7	52.8	0.4%	
			0.68	4.37	124.06	0.7	55.1	2.6%	
	Living/Dining/Kitchen	2.0%						3.0%	Pass
			0.68	0.84	83.97	0.72	40.5	0.2%	
	Bedroom	1.0%	0.68	2.1	83.97	0.72	30.0	1.1%	
								1.3%	Pass
<u>Proposed First Floor West Building</u> Window 5 (lower) Window 5 (upper) Window 6 (lower) Window 6 (upper) Window 7 (lower) Window 7 (upper) Total ADF for room Window 8 (lower) Window 8 (upper) Window 9 (lower) Window 9 (upper)	Bedroom	1.0%							
			0.68	1.68	76.72	0.64	85.1	0.9%	
			0.68	3.22	76.72	0.64	85.6	4.1%	
	Living/Dining/Kitchen	2.0%	0.68	0.84	76.72	0.64	84.4	0.4%	
			0.68	1.61	76.72	0.64	85.0	2.1%	
	Bedroom	1.0%	0.68	0.75	76.72	0.64	36.6	0.2%	
			0.68	1.43	76.72	0.64	27.2	0.6%	
	Living/Dining/Kitchen	2.0%						8.3%	Pass
			0.68	1.75	105.85	0.67	58.8	0.5%	
	Bedroom	1.0%	0.68	3.34	105.85	0.67	40.9	1.6%	
			0.68	0.8	105.85	0.67	51.0	0.2%	
	Bedroom	1.0%	0.68	1.52	105.85	0.67	38.1	0.7%	

Appendix 2 - Average Daylight Factor (ADF)
156 West End Lane, London NW6 1SD

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	Living/Dining/Kitchen	2.0%						3.0%	Pass
Window 10 (lower)			0.68	0.84	75.47	0.69	83.8	0.5%	
Window 10 (upper)			0.68	1.61	75.47	0.69	84.3	2.4%	
Window 11 (lower)			0.68	0.75	75.47	0.69	37.5	0.2%	
Window 11 (upper)			0.68	1.43	75.47	0.69	28.3	0.7%	
Total ADF for room	Bedroom	1.0%						3.8%	Pass
Window 12 (lower)			0.68	1.75	85.73	0.66	58.8	0.6%	
Window 12 (upper)			0.68	3.34	85.73	0.66	41.1	1.9%	
Window 13 (lower)			0.68	0.83	85.73	0.66	49.9	0.2%	
Window 13 (upper)			0.68	1.59	85.73	0.66	37.0	0.8%	
Total ADF for room	Living/Dining	1.5%						3.5%	Pass
Window 14 (lower)			0.68	0.84	73.67	0.69	83.8	0.5%	
Window 14 (upper)			0.68	1.61	73.67	0.69	84.3	2.4%	
Window 15 (lower)			0.68	0.75	73.67	0.69	37.7	0.2%	
Window 15 (upper)			0.68	1.43	73.67	0.69	28.5	0.7%	
Total ADF for room	Bedroom	1.0%						3.8%	Pass
Window 16 (lower)			0.68	1.75	84.9	0.66	59.2	0.6%	
Window 16 (upper)			0.68	3.34	84.9	0.66	41.4	2.0%	
Window 17 (lower)			0.68	0.84	84.9	0.66	50.1	0.2%	
Window 17 (upper)			0.68	1.61	84.9	0.66	37.3	0.9%	
Total ADF for room	Living/Dining	1.5%						3.7%	Pass
Window 18 (lower)			0.68	0.84	132.26	0.67	83.8	0.3%	
Window 18 (upper)			0.68	1.61	132.26	0.67	84.4	1.3%	
Window 19 (lower)			0.68	0.75	132.26	0.67	38.2	0.1%	
Window 19 (upper)			0.68	1.43	132.26	0.67	28.9	0.4%	
Window 20 (lower)			0.68	1.42	132.26	0.67	54.6	0.3%	
Window 20 (upper)			0.68	2.71	132.26	0.67	38.9	1.0%	

Appendix 2 - Average Daylight Factor (ADF)
156 West End Lane, London NW6 1SD

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	Living/Dining/Kitchen	2.0%	0.68	1.75	59.82	0.68	58.1	3.4%	Pass
Window 21 (lower)	Bedroom	1.0%	0.68	3.34	59.82	0.68	42.2	0.8%	
Window 21 (upper)								3.0%	
Total ADF for room								3.8%	Pass
Window 23 (lower)			0.68	0.84	79.61	0.7	84.2	0.5%	
Window 23 (upper)	Bedroom	1.0%	0.68	1.61	79.61	0.7	84.8	2.3%	
Window 22 (lower)			0.68	0.72	79.61	0.7	38.3	0.2%	
Window 22 (upper)			0.68	1.37	79.61	0.7	30.3	0.7%	
Total ADF for room								3.7%	Pass
Window 24 (lower)	Living/Dining/Kitchen	2.0%	0.68	2.59	124.21	0.64	85.1	0.8%	
Window 24 (upper)			0.68	4.95	124.21	0.64	85.6	4.0%	
Window 25 (lower)			0.68	1.75	124.21	0.64	53.2	0.4%	
Window 25 (upper)			0.68	3.34	124.21	0.64	34.5	1.1%	
Total ADF for room	Bedroom	1.0%						6.3%	Pass
Window 26 (lower)			0.68	0.84	61.42	0.71	59.9	0.4%	
Window 26 (upper)			0.68	1.61	61.42	0.71	44.2	1.6%	
Total ADF for room								2.0%	Pass
Window 27 (lower)	Bedroom	1.0%	0.68	0.84	65.46	0.71	67.9	0.5%	
Window 27 (upper)			0.68	1.61	65.46	0.71	69.1	2.3%	
Total ADF for room								2.8%	Pass
Window 28 (lower)	Living/Dining/Kitchen	2.0%	0.68	2.59	122.18	0.67	57.0	0.6%	
Window 28 (upper)			0.68	4.95	122.18	0.67	39.2	2.0%	
Total ADF for room								2.6%	Pass
Window 29 (lower)			0.68	0.84	60.56	0.71	62.3	0.5%	
Window 29 (upper)	Bedroom	1.0%	0.68	1.61	60.56	0.71	62.6	2.3%	
Total ADF for room								2.8%	Pass

Appendix 2 - Average Daylight Factor (ADF)
156 West End Lane, London NW6 1SD

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 30 (lower)	Bedroom	1.0%	0.68	0.84	64.62	0.71	61.7	0.4%	Pass
Window 30 (upper)			0.68	1.61	64.62	0.71	64.5	2.2%	
Total ADF for room								2.6%	
Window 31 (lower)	Living/Dining/Kitchen	2.0%	0.68	2.59	107.62	0.67	45.5	0.6%	Pass
Window 31 (upper)			0.68	4.95	107.62	0.67	30.1	1.7%	
Total ADF for room								2.3%	
Window 32 (lower)	Bedroom	1.0%	0.68	0.84	63.45	0.71	45.6	0.3%	Pass
Window 32 (upper)			0.68	1.61	63.45	0.71	45.8	1.6%	
Total ADF for room								1.9%	
Window 33 (lower)			0.68	0.84	106.52	0.63	40.9	0.2%	
Window 33 (upper)			0.68	1.61	106.52	0.63	41.9	0.7%	
Window 34 (lower)			0.68	1.75	106.52	0.63	38.9	0.3%	
Window 34 (upper)			0.68	3.34	106.52	0.63	27.5	1.0%	
Window 35 (lower)			0.68	0.84	106.52	0.63	64.3	0.2%	
Window 35 (upper)			0.68	1.61	106.52	0.63	66.3	1.1%	
Window 36 (lower)			0.68	0.75	106.52	0.63	48.8	0.2%	
Window 36 (upper)			0.68	1.43	106.52	0.63	50.7	0.8%	
Window 37 (lower)			0.68	0.84	106.52	0.63	68.4	0.2%	
Window 37 (upper)	Living/Dining/Kitchen	2.0%	0.68	1.61	106.52	0.63	70.8	1.2%	Pass
Total ADF for room								5.9%	
Window 38 (lower)			0.68	0.84	62.92	0.68	68.3	0.5%	
Window 38 (upper)	Bedroom	1.0%	0.68	1.61	62.92	0.68	70.6	2.3%	Pass
Window 39 (lower)			0.68	0.75	62.92	0.68	45.2	0.3%	
Window 39 (upper)			0.68	1.43	62.92	0.68	46.8	1.3%	
Total ADF for room								4.4%	
Window 40 (lower)			0.68	0.75	75.0	0.72	62.8	0.4%	

Appendix 2 - Average Daylight Factor (ADF)
156 West End Lane, London NW6 1SD

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%	0.68	1.43	75.0	0.72	64.8	1.8%	Pass
Total ADF for room								2.2%	
Window 41 (lower)			0.68	0.75	125.13	0.67	67.8	0.2%	
Window 41 (upper)			0.68	1.43	125.13	0.67	70.3	1.0%	
Window 42 (lower)			0.68	1.75	125.13	0.67	51.7	0.4%	
Window 42 (upper)	Living/Dining/Kitchen	2.0%	0.68	3.34	125.13	0.67	32.9	1.1%	Pass
Window 43 (lower)			0.68	0.84	125.13	0.67	54.2	0.2%	
Window 43 (upper)			0.68	1.61	125.13	0.67	47.5	0.8%	
Total ADF for room								3.6%	
Window 44 (lower)			0.68	0.84	63.31	0.71	57.5	0.4%	
Window 44 (upper)	Bedroom	1.0%	0.68	1.61	63.31	0.71	58.4	2.0%	Pass
Total ADF for room								2.4%	
Window 45 (lower)			0.68	1.75	69.2	0.68	57.5	0.8%	
Window 45 (upper)	Bedroom	1.0%	0.68	3.34	69.2	0.68	58.2	3.6%	Pass
Total ADF for room								4.4%	
Window 46 (lower)			0.68	1.75	64.74	0.68	56.2	0.8%	
Window 46 (upper)	Bedroom	1.0%	0.68	3.34	64.74	0.68	56.9	3.7%	Pass
Total ADF for room								4.5%	
Window 47 (lower)			0.68	2.59	126.54	0.68	54.0	0.6%	
Window 47 (upper)	Living/Dining/Kitchen	2.0%	0.68	4.95	126.54	0.68	55.3	2.7%	Pass
Total ADF for room								3.3%	
Window 48 (lower)			0.68	1.75	81.53	0.69	50.7	0.6%	
Window 48 (upper)	Bedroom	1.0%	0.68	3.34	81.53	0.69	51.9	2.7%	Pass
Total ADF for room								3.3%	
Window 49 (lower)			0.68	2.34	144.07	0.68	45.0	0.4%	
Window 49 (upper)			0.68	4.47	144.07	0.68	45.2	1.8%	

Appendix 2 - Average Daylight Factor (ADF)
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Reference	Target ADF based on room use	
	Primary room use	ADF
Window 50 (lower)	Living/Dining/Kitchen	2.0%
Window 50 (upper)		
Total ADF for room		
Window 51 (lower)	Kitchen	2.0%
Window 51 (upper)		
Total ADF for room		
Window 52 (lower)	Bedroom	1.0%
Window 52 (upper)		
Total ADF for room		
Window 53 (lower)	Kitchen	2.0%
Window 53 (upper)		
Total ADF for room		
Window 54 (lower)	Bedroom	1.0%
Window 54 (upper)		
Total ADF for room		
Proposed Second Floor West Building		
Window 55 (lower)	Bedroom	1.0%
Window 55 (upper)		
Window 56 (lower)		
Window 56 (upper)		
Window 57 (lower)		
Window 57 (upper)		
Total ADF for room		
Window 58 (lower)		
Window 58 (upper)		
Window 59 (lower)		

Average Daylight Factor Coefficients					
T	Aw	A	R	Theta	
0.68	0.7	144.07	0.68	40.5	
0.68	1.33	144.07	0.68	40.4	
0.68	1.53	50.37	0.68	46.2	
0.68	2.93	50.37	0.68	45.3	
0.68	1.75	63.88	0.68	52.9	
0.68	3.34	63.88	0.68	52.7	
0.68	1.68	49.28	0.67	54.6	
0.68	3.22	49.28	0.67	54.4	
0.68	1.75	63.55	0.68		
0.68	3.34	63.55	0.68	53.0	
0.68	1.73	77.53	0.64	86.7	
0.68	3.31	77.53	0.64	87.1	
0.68	0.84	77.53	0.64	86.1	
0.68	1.61	77.53	0.64	86.6	
0.68	0.75	77.53	0.64	36.9	
0.68	1.43	77.53	0.64	27.6	
0.68	1.75	105.85	0.67	59.6	
0.68	3.34	105.85	0.67	41.8	
0.68	0.8	105.85	0.67	50.7	

Actual ADF	
ADF	Result
0.1%	
0.5%	
2.7%	Pass
0.7%	
3.3%	
4.0%	Pass
0.7%	
3.5%	
4.2%	Pass
0.9%	
4.4%	
5.3%	Pass
0.0%	
3.5%	
3.5%	Pass
0.9%	
4.3%	
0.4%	
2.1%	
0.2%	
0.6%	
8.5%	Pass
0.5%	
1.6%	
0.2%	

Appendix 2 - Average Daylight Factor (ADF)
156 West End Lane, London NW6 1SD

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 59 (upper)	Living/Dining/Kitchen	2.0%	0.68	1.52	105.85	0.67	38.0	0.7%	Pass
Total ADF for room								3.0%	
Window 60 (lower)			0.68	0.84	74.34	0.69	85.6	0.5%	
Window 60 (upper)			0.68	1.61	74.34	0.69	86.0	2.4%	
Window 61 (lower)			0.68	0.75	74.34	0.69	38.0	0.2%	
Window 61 (upper)	Bedroom	1.0%	0.68	1.43	74.34	0.69	28.7	0.7%	Pass
Total ADF for room								3.8%	
Window 62 (lower)			0.68	1.75	84.45	0.66	60.1	0.6%	
Window 62 (upper)			0.68	3.34	84.45	0.66	42.3	2.0%	
Window 63 (lower)			0.68	0.84	84.45	0.66	50.7	0.2%	
Window 63 (upper)	Living/Dining	1.5%	0.68	1.61	84.45	0.66	38.1	0.9%	Pass
Total ADF for room								3.7%	
Window 64 (lower)			0.68	0.81	73.63	0.7	85.6	0.5%	
Window 64 (upper)			0.68	1.54	73.63	0.7	86.0	2.4%	
Window 65 (lower)			0.68	0.75	73.63	0.7	37.2	0.2%	
Window 65 (upper)	Bedroom	1.0%	0.68	1.43	73.63	0.7	28.1	0.7%	Pass
Total ADF for room								3.8%	
Window 66 (lower)			0.68	1.75	85.19	0.66	60.3	0.6%	
Window 66 (upper)			0.68	3.34	85.19	0.66	42.6	2.0%	
Window 67 (lower)			0.68	0.84	85.19	0.66	51.5	0.2%	
Window 67 (upper)	Living/Dining	1.5%	0.68	1.61	85.19	0.66	38.7	0.9%	Pass
Total ADF for room								3.7%	
Window 68 (lower)			0.68	0.84	131.73	0.67	85.6	0.3%	
Window 68 (upper)			0.68	1.61	131.73	0.67	86.1	1.3%	
Window 69 (lower)			0.68	0.75	131.73	0.67	37.8	0.1%	
Window 69 (upper)			0.68	1.43	131.73	0.67	28.6	0.4%	
Window 70 (lower)			0.68	1.42	131.73	0.67	55.1	0.3%	

Appendix 2 - Average Daylight Factor (ADF)
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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 70 (upper)	Living/Dining/Kitchen	2.0%	0.68	2.71	131.73	0.67	39.6	1.0%	Pass
Total ADF for room								3.4%	
Window 71 (lower)			0.68	1.75	59.81	0.68	58.8	0.9%	
Window 71 (upper)			0.68	3.34	59.81	0.68	42.9	3.0%	
Total ADF for room	Bedroom	1.0%						3.9%	Pass
Window 72 (lower)			0.68	0.75	79.83	0.7	38.5	0.2%	
Window 72 (upper)			0.68	1.43	79.83	0.7	30.5	0.7%	
Window 73 (lower)			0.68	0.84	79.83	0.7	85.9	0.5%	
Window 73 (upper)	Bedroom	1.0%	0.68	1.61	79.83	0.7	86.4	2.3%	Pass
Total ADF for room								3.7%	
Window 74 (lower)			0.68	2.6	124.12	0.64	86.7	0.8%	
Window 74 (upper)			0.68	4.98	124.12	0.64	87.1	4.0%	
Window 75 (lower)	Living/Dining/Kitchen	2.0%	0.68	1.75	124.12	0.64	55.7	0.4%	Pass
Window 75 (upper)			0.68	3.34	124.12	0.64	37.0	1.2%	
Total ADF for room								6.4%	
Window 76 (lower)			0.68	0.84	61.47	0.71	63.1	0.5%	
Window 76 (upper)	Bedroom	1.0%	0.68	1.61	61.47	0.71	47.4	1.7%	Pass
Total ADF for room								2.2%	
Window 77 (lower)			0.68	0.84	65.03	0.71	72.1	0.5%	
Window 77 (upper)			0.68	1.61	65.03	0.71	73.6	2.5%	
Total ADF for room	Bedroom	1.0%						3.0%	Pass
Window 78 (lower)			0.68	2.59	122.18	0.67	61.3	0.6%	
Window 78 (upper)			0.68	4.95	122.18	0.67	43.4	2.2%	
Total ADF for room								2.8%	
Window 79 (lower)	Living/Dining/Kitchen	2.0%	0.68	0.84	60.57	0.71	68.3	0.5%	Pass
Window 79 (upper)			0.68	1.61	60.57	0.71	68.7	2.5%	

Appendix 2 - Average Daylight Factor (ADF)
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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	0.84	64.62	0.71	69.3	3.0%	Pass
Window 80 (lower)								0.5%	
Window 80 (upper)			0.68	1.61	64.62	0.71	72.5	2.5%	
Total ADF for room	Bedroom	1.0%						3.0%	Pass
Window 81 (lower)			0.68	2.59	107.62	0.67	54.5	0.6%	
Window 81 (upper)			0.68	4.95	107.62	0.67	39.0	2.2%	
Total ADF for room	Living/Dining/Kitchen	2.0%						2.8%	Pass
Window 82 (lower)			0.68	0.84	63.48	0.71	56.2	0.4%	
Window 82 (upper)			0.68	1.61	63.48	0.71	58.3	2.0%	
Total ADF for room	Bedroom	1.0%						2.4%	Pass
Window 83 (lower)			0.68	0.84	106.5	0.63	59.9	0.2%	
Window 83 (upper)			0.68	1.6	106.5	0.63	68.9	1.2%	
Window 84 (lower)			0.68	1.75	106.5	0.63	63.7	0.5%	
Window 84 (upper)			0.68	3.34	106.5	0.63	72.3	2.5%	
Window 85 (lower)			0.68	0.84	106.5	0.63	70.5	0.2%	
Window 85 (upper)			0.68	1.61	106.5	0.63	74.7	1.3%	
Window 86 (lower)			0.68	0.75	106.5	0.63	54.5	0.2%	
Window 86 (upper)			0.68	1.43	106.5	0.63	59.1	0.9%	
Window 87 (lower)			0.68	0.84	106.5	0.63	75.9	0.3%	
Window 87 (upper)			0.68	1.61	106.5	0.63	78.3	1.3%	
Total ADF for room	Living/Dining/Kitchen	2.0%						8.6%	Pass
Window 88 (lower)			0.68	0.84	62.92	0.68	75.5	0.5%	
Window 88 (upper)			0.68	1.61	62.92	0.68	78.0	2.5%	
Window 89 (lower)			0.68	0.75	62.92	0.68	50.2	0.3%	
Window 89 (upper)			0.68	1.43	62.92	0.68	54.9	1.6%	
Total ADF for room	Bedroom	1.0%						4.9%	Pass

Appendix 2 - Average Daylight Factor (ADF)
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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 89a (lower)	Bedroom	1.0%	0.68	0.75	75.0	0.72	65.7	0.4%	Pass
Window 89a (upper)			0.68	1.43	75.0	0.72	67.5	1.8%	
Total ADF for room								2.2%	
Window 90 (lower)	Living/Dining/Kitchen	2.0%	0.68	1.75	125.07	0.7	68.6	0.5%	Pass
Window 90 (upper)			0.68	3.34	125.07	0.7	71.2	2.5%	
Total ADF for room								3.0%	
Window 91 (lower)	Bedroom	1.0%	0.68	0.84	58.34	0.71	57.7	0.4%	Pass
Window 91 (upper)			0.68	1.61	58.34	0.71	43.8	1.7%	
Total ADF for room								2.1%	
Window 92 (lower)	Bedroom	1.0%	0.68	1.75	73.81	0.69	54.2	0.6%	Pass
Window 92 (upper)			0.68	3.34	73.81	0.69	37.1	2.2%	
Total ADF for room								2.8%	
Window 93 (lower)	Bedroom	1.0%	0.68	1.75	64.74	0.68	53.7	0.7%	Pass
Window 93 (upper)			0.68	3.34	64.74	0.68	42.0	2.7%	
Total ADF for room								3.4%	
Window 94 (lower)	Living/Dining/Kitchen	2.0%	0.68	2.3	126.54	0.68	54.1	0.5%	Pass
Window 94 (upper)			0.68	4.4	126.54	0.68	45.3	2.0%	
Total ADF for room								2.5%	
Window 95 (lower)	Bedroom	1.0%	0.68	1.71	81.54	0.69	51.5	0.6%	Pass
Window 95 (upper)			0.68	3.26	81.54	0.69	45.6	2.4%	
Total ADF for room								3.0%	
Window 96 (lower)			0.68	0.57	144.72	0.68	33.4	0.1%	
Window 96 (upper)			0.68	1.1	144.72	0.68	17.3	0.2%	
Window 97 (lower)			0.68	1.75	144.72	0.68	40.7	0.2%	
Window 97 (upper)			0.68	3.34	144.72	0.68	26.7	0.8%	

Appendix 2 - Average Daylight Factor (ADF)
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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 98 (lower)	Living/Dining/Kitchen	2.0%	0.68	0.7	144.72	0.68	36.5	0.1%	Fail
Window 98 (upper)			0.68	1.33	144.72	0.68	24.3	0.3%	
Total ADF for room								1.7%	
Window 99 (lower)	Kitchen	2.0%	0.68	1.75	50.72	0.67	40.2	0.7%	Pass
Window 99 (upper)			0.68	3.34	50.72	0.67	29.4	2.4%	
Total ADF for room								3.1%	Pass
Window 100 (lower)	Bedroom	1.0%	0.68	1.75	63.89	0.68	47.7	0.6%	Pass
Window 100 (upper)			0.68	3.34	63.89	0.68	35.0	2.3%	
Total ADF for room								2.9%	Pass
Window 101 (lower)	Kitchen	2.0%	0.68	1.75	50.36	0.67	49.1	0.8%	Pass
Window 101 (upper)			0.68	3.34	50.36	0.67	36.1	3.0%	
Total ADF for room								3.8%	Pass
Window 102 (lower)	Bedroom	1.0%	0.68	1.75	64.6	0.68	48.1	0.6%	Pass
Window 102 (upper)			0.68	3.34	64.6	0.68	36.0	2.3%	
Total ADF for room								2.9%	Pass
Window 103 (lower)	Bedroom	1.0%	0.68	1.38	68.12	0.69	33.2	0.4%	Pass
Window 103 (upper)			0.68	2.63	68.12	0.69	20.2	1.0%	
Total ADF for room								1.4%	Pass
Window 104 (lower)	Bedroom	1.0%	0.68	1.38	64.51	0.69	37.7	0.4%	Pass
Window 104 (upper)			0.68	2.63	64.51	0.69	23.6	1.3%	
Total ADF for room								1.7%	Pass
Window 105 (lower)	Bedroom	1.0%	0.68	1.38	62.31	0.69	40.3	0.5%	Pass
Window 105 (upper)			0.68	2.63	62.31	0.69	26.3	1.4%	
Total ADF for room								1.9%	Pass
Window 106 (lower)			0.68	1.38	45.59	0.68	41.3	0.6%	

Appendix 2 - Average Daylight Factor (ADF)
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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 106 (upper)	Bedroom	1.0%	0.68	2.63	45.59	0.68	26.3	1.9%	Pass
Total ADF for room								2.5%	
Window 107 (lower)			0.68	1.38	62.68	0.69	44.5	0.5%	
Window 107 (upper)	Bedroom	1.0%	0.68	2.63	62.68	0.69	29.6	1.6%	Pass
Total ADF for room								2.1%	
Window 108 (lower)			0.68	1.38	45.35	0.68	46.5	0.7%	
Window 108 (upper)	Bedroom	1.0%	0.68	2.63	45.35	0.68	31.4	2.3%	Pass
Total ADF for room								3.0%	
Window 109 (lower)			0.68	1.38	64.46	0.69	44.7	0.5%	
Window 109 (upper)	Bedroom	1.0%	0.68	2.63	64.46	0.69	29.4	1.6%	Pass
Total ADF for room								2.1%	
Window 110 (lower)			0.68	1.38	53.06	0.69	33.7	0.4%	
Window 110 (upper)	Bedroom	1.0%	0.68	2.63	53.06	0.69	23.5	1.5%	Pass
Total ADF for room								1.9%	
Window 111 (lower)			0.68	0.77	126.15	0.67	65.8	0.2%	
Window 111 (upper)			0.68	1.46	126.15	0.67	68.2	1.0%	
Window 112 (lower)			0.68	0.77	126.15	0.67	67.1	0.2%	
Window 112 (upper)			0.68	1.46	126.15	0.67	69.7	1.0%	
Window 114 (lower)			0.68	0.7	126.15	0.67	7.8	0.0%	
Window 114 (upper)			0.68	1.33	126.15	0.67	4.9	0.1%	
Window 113 (lower)			0.68	0.77	126.15	0.67	66.7	0.2%	
Window 113 (upper)	Living/Dining	1.5%	0.68	1.46	126.15	0.67	69.3	1.0%	Pass
Total ADF for room								3.7%	
Window 115 (lower)			0.68	0.99	52.09	0.7	23.6	0.2%	
Window 115 (upper)	Bedroom	1.0%	0.68	1.9	52.09	0.7	12.9	0.6%	Fail
Total ADF for room								0.8%	

Appendix 2 - Average Daylight Factor (ADF)
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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 116 (lower)	Bedroom	1.0%	0.68	1.75	76.05	0.68	33.8	0.4%	Pass
Window 116 (upper)			0.68	3.34	76.05	0.68	16.2	0.9%	
Total ADF for room								1.3%	
Window 117 (lower)			0.68	0.84	102.5	0.67	67.7	0.3%	
Window 117 (upper)	Living/Dining	1.5%	0.68	1.61	102.5	0.67	70.4	1.4%	Pass
Window 119 (lower)			0.68	0.7	102.5	0.67	19.9	0.1%	
Window 119 (upper)			0.68	1.33	102.5	0.67	12.7	0.2%	
Window 118 (lower)			0.68	0.84	102.5	0.67	67.9	0.3%	
Window 118 (upper)	Bedroom	1.0%	0.68	1.61	102.5	0.67	70.6	1.4%	Pass
Total ADF for room								3.6%	
Window 120 (lower)			0.68	1.75	66.76	0.68	28.7	0.4%	
Window 120 (upper)			0.68	3.34	66.76	0.68	10.9	0.7%	
Total ADF for room	Living/Dining	1.5%						1.1%	Pass
Window 121 (lower)			0.68	0.84	102.34	0.67	68.8	0.3%	
Window 121 (upper)			0.68	1.61	102.34	0.67	71.5	1.4%	
Window 123 (lower)			0.68	0.7	102.34	0.67	19.3	0.1%	
Window 123 (upper)	Bedroom	1.0%	0.68	1.33	102.34	0.67	13.1	0.2%	Pass
Window 122 (lower)			0.68	0.84	102.34	0.67	69.2	0.3%	
Window 122 (upper)			0.68	1.61	102.34	0.67	71.8	1.4%	
Total ADF for room								3.6%	
Window 124 (lower)	Living/Dining	1.5%	0.68	2.31	66.43	0.66	29.4	0.5%	Pass
Window 124 (upper)			0.68	4.42	66.43	0.66	12.7	1.0%	
Total ADF for room								1.5%	
Window 125 (lower)			0.68	0.84	116.3	0.67	71.2	0.2%	
Window 125 (upper)	Bedroom	1.0%	0.68	1.61	116.3	0.67	73.7	1.3%	Pass
Window 127 (lower)			0.68	0.7	116.3	0.67	25.8	0.1%	

Appendix 2 - Average Daylight Factor (ADF)
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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 127 (upper)	Living/Dining	1.5%	0.68	1.33	116.3	0.67	18.6	0.3%	Pass	
Window 126 (lower)			0.68	0.84	116.3	0.67	71.8	0.2%		
Window 126 (upper)			0.68	1.61	116.3	0.67	74.2	1.3%		
Total ADF for room										3.5%
Window 128 (lower)	Bedroom	1.0%	0.68	2.3	67.81	0.67	32.3	0.5%	Pass	
Window 128 (upper)			0.68	4.39	67.81	0.67	16.8	1.3%		
Total ADF for room										1.8%
Window 129 (lower)			0.68	0.84	76.78	0.68	75.1	0.4%		
Window 129 (upper)	Bedroom	1.0%	0.68	1.61	76.78	0.68	77.0	2.1%	Pass	
Window 130 (lower)			0.68	0.84	76.78	0.68	76.1	0.4%		
Window 130 (upper)			0.68	1.61	76.78	0.68	77.9	2.1%		
Total ADF for room										5.0%
Window 131 (lower)	Bedroom	1.0%	0.68	0.84	67.26	0.68	30.8	0.2%	Pass	
Window 131 (upper)			0.68	1.61	67.26	0.68	20.0	0.6%		
Window 132 (lower)			0.68	0.84	67.26	0.68	34.5	0.2%		
Window 132 (upper)			0.68	1.61	67.26	0.68	20.1	0.6%		
Total ADF for room	Living/Dining/Kitchen	2.0%							Pass	
Window 134 (lower)			0.68	0.84	136.05	0.67	80.7	0.2%		
Window 134 (upper)			0.68	1.61	136.05	0.67	81.8	1.2%		
Window 135 (lower)			0.68	1.38	136.05	0.67	73.3	0.4%		
Window 135 (upper)	Living/Dining/Kitchen	2.0%	0.68	2.63	136.05	0.67	73.5	1.8%	Pass	
Window 133 (lower)			0.68	0.84	136.05	0.67	16.4	0.0%		
Window 133 (upper)			0.68	1.61	136.05	0.67	8.2	0.1%		
Total ADF for room										3.7%
Proposed Third Floor West Building										
Window 136 (lower)			0.68	1.71	77.51	0.64	88.2	0.9%		

Appendix 2 - Average Daylight Factor (ADF)
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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 136 (upper)	Bedroom	1.0%	0.68	3.28	77.51	0.64	88.6	4.3%	Pass
Window 137 (lower)			0.68	0.84	77.51	0.64	87.7	0.4%	
Window 137 (upper)			0.68	1.61	77.51	0.64	88.1	2.1%	
Window 138 (lower)			0.68	0.75	77.51	0.64	37.5	0.2%	
Window 138 (upper)			0.68	1.43	77.51	0.64	28.1	0.6%	
Total ADF for room								8.5%	Pass
Window 139 (lower)	Living/Dining/Kitchen	2.0%	0.68	1.75	106.8	0.67	60.6	0.5%	Pass
Window 139 (upper)			0.68	3.34	106.8	0.67	42.8	1.7%	
Window 140 (lower)			0.68	0.84	106.8	0.67	51.7	0.2%	
Window 140 (upper)			0.68	1.61	106.8	0.67	38.9	0.7%	
Total ADF for room								3.1%	Pass
Window 141 (lower)	Bedroom	1.0%	0.68	0.84	73.59	0.69	87.3	0.5%	Pass
Window 141 (upper)			0.68	1.61	73.59	0.69	87.8	2.5%	
Window 142 (lower)			0.68	0.75	73.59	0.69	37.9	0.2%	
Window 142 (upper)			0.68	1.43	73.59	0.69	28.7	0.7%	
Total ADF for room								3.9%	Pass
Window 143 (lower)	Living/Dining	1.5%	0.68	1.75	84.45	0.66	61.3	0.6%	Pass
Window 143 (upper)			0.68	3.34	84.45	0.66	43.5	2.1%	
Window 144 (lower)			0.68	0.83	84.45	0.66	51.8	0.2%	
Window 144 (upper)			0.68	1.59	84.45	0.66	39.2	0.9%	
Total ADF for room								3.8%	Pass
Window 145 (lower)	Bedroom	1.0%	0.68	0.84	73.71	0.69	87.3	0.5%	Pass
Window 145 (upper)			0.68	1.61	73.71	0.69	87.8	2.5%	
Window 146 (lower)			0.68	0.75	73.71	0.69	37.9	0.2%	
Window 146 (upper)			0.68	1.43	73.71	0.69	28.7	0.7%	
Total ADF for room								3.9%	Pass
Window 147 (lower)			0.68	1.75	85.08	0.66	61.4	0.6%	

Appendix 2 - Average Daylight Factor (ADF)

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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 147 (upper)	Living/Dining	1.5%	0.68	3.34	85.08	0.66	43.6	2.1%	3.8% Pass
Window 148 (lower)			0.68	0.84	85.08	0.66	52.4	0.2%	
Window 148 (upper)			0.68	1.61	85.08	0.66	39.7	0.9%	
Total ADF for room									
Window 149 (lower)			0.68	0.85	131.78	0.68	87.4	0.3%	
Window 149 (upper)	Living/Dining/Kitchen	2.0%	0.68	1.62	131.78	0.68	87.9	1.3%	3.4% Pass
Window 150 (lower)			0.68	0.69	131.78	0.68	38.2	0.1%	
Window 150 (upper)			0.68	1.32	131.78	0.68	29.0	0.4%	
Window 151 (lower)			0.68	1.42	131.78	0.68	56.2	0.3%	
Window 151 (upper)			0.68	2.71	131.78	0.68	40.8	1.0%	
Total ADF for room									
Window 152 (lower)	Bedroom	1.0%	0.68	1.72	59.83	0.68	60.1	0.9%	4.0% Pass
Window 152 (upper)			0.68	3.28	59.83	0.68	44.0	3.1%	
Total ADF for room									
Window 153 (lower)			0.68	0.75	79.65	0.7	38.7	0.2%	
Window 153 (upper)			0.68	1.43	79.65	0.7	30.7	0.7%	
Window 154 (lower)	Bedroom	1.0%	0.68	0.84	79.65	0.7	87.5	0.5%	3.8% Pass
Window 154 (upper)			0.68	1.61	79.65	0.7	88.0	2.4%	
Total ADF for room									
Window 155 (lower)			0.68	1.75	121.22	0.64	88.2	0.6%	
Window 155 (upper)			0.68	3.34	121.22	0.64	88.6	2.8%	
Window 156 (lower)	Living/Dining/Kitchen	2.0%	0.68	0.83	121.22	0.64	87.8	0.3%	6.8% Pass
Window 156 (upper)			0.68	1.58	121.22	0.64	88.3	1.3%	
Window 157 (lower)			0.68	1.68	121.22	0.64	64.1	0.4%	
Window 157 (upper)			0.68	3.21	121.22	0.64	44.7	1.4%	
Total ADF for room									
Window 158 (lower)			0.68	0.84	60.43	0.71	66.1	0.5%	

Appendix 2 - Average Daylight Factor (ADF)
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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 158 (upper)	Bedroom	1.0%	0.68	1.61	60.43	0.71	49.9	1.8%	Pass
Total ADF for room								2.3%	
Window 159 (lower)			0.68	0.84	64.01	0.71	77.7	0.6%	
Window 159 (upper)	Bedroom	1.0%	0.68	1.61	64.01	0.71	79.7	2.8%	Pass
Total ADF for room								3.4%	
Window 160 (lower)			0.68	2.44	107.56	0.67	66.2	0.8%	
Window 160 (upper)	Living/Dining/Kitchen	2.0%	0.68	4.66	107.56	0.67	47.7	2.6%	Pass
Total ADF for room								3.4%	
Window 161 (lower)			0.68	0.84	66.33	0.71	75.2	0.5%	
Window 161 (upper)	Bedroom	1.0%	0.68	1.61	66.33	0.71	75.6	2.5%	Pass
Total ADF for room								3.0%	
Window 162 (lower)			0.68	0.84	64.62	0.71	78.2	0.6%	
Window 162 (upper)	Bedroom	1.0%	0.68	1.61	64.62	0.71	80.5	2.8%	Pass
Total ADF for room								3.4%	
Window 163 (lower)			0.68	0.84	60.57	0.71	68.8	0.5%	
Window 163 (upper)	Bedroom	1.0%	0.68	1.61	60.57	0.71	54.3	2.0%	Pass
Total ADF for room								2.5%	
Window 164 (lower)			0.68	1.73	128.5	0.64	67.6	0.4%	
Window 164 (upper)	Living/Dining/Kitchen	2.0%	0.68	3.32	128.5	0.64	51.3	1.5%	Pass
Window 165 (lower)			0.68	2.59	128.5	0.64	83.9	0.8%	
Window 165 (upper)			0.68	4.95	128.5	0.64	85.6	3.8%	
Total ADF for room								6.5%	Pass
Window 166 (lower)	Living/Dining/Kitchen	2.0%	0.68	0.84	63.64	0.69	83.3	0.6%	
Window 166 (upper)			0.68	1.61	63.64	0.69	85.1	2.8%	
Window 167 (lower)			0.68	0.52	63.64	0.69	48.8	0.2%	
Window 167 (upper)			0.68	0.99	63.64	0.69	49.9	1.0%	

Appendix 2 - Average Daylight Factor (ADF)
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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	0.84	64.05	0.71	68.7	4.6%	Pass
Window 167a (lower)			0.68	1.61	64.05	0.71	70.2	0.5%	
Window 167a (upper)								2.4%	
Total ADF for room	Bedroom	1.0%	0.68	2.59	112.74	0.63	81.1	2.9%	Pass
Window 168 (lower)			0.68	4.95	112.74	0.63	83.0	0.8%	
Window 168 (upper)			0.68	1.75	112.74	0.63	61.9	4.1%	
Window 169 (lower)			0.68	3.34	112.74	0.63	45.3	0.4%	
Window 169 (upper)			0.68	0.77	112.74	0.63	61.0	1.5%	
Window 170 (lower)			0.68	1.46	112.74	0.63	47.1	0.2%	
Window 170 (upper)								0.7%	
Total ADF for room	Living/Dining/Kitchen	2.0%	0.68	1.75	110.31	0.7	59.0	7.8%	Pass
Window 171 (lower)			0.68	3.34	110.31	0.7	42.3	0.5%	
Window 171 (upper)								1.7%	
Total ADF for room	Living/Dining/Kitchen	2.0%	0.68	0.84	64.72	0.71	61.4	2.2%	Pass
Window 172 (lower)			0.68	1.61	64.72	0.71	60.2	0.4%	
Window 172 (upper)								2.0%	
Total ADF for room	Bedroom	1.0%	0.68	1.75	67.87	0.68	53.5	2.4%	Pass
Window 173 (lower)			0.68	3.34	67.87	0.68	39.7	0.7%	
Window 173 (upper)								2.5%	
Total ADF for room	Bedroom	1.0%	0.68	1.75	121.46	0.7	47.1	3.2%	Pass
Window 173a (lower)			0.68	3.34	121.46	0.7	33.7	0.4%	
Window 173a (upper)								1.2%	
Total ADF for room	Living/Dining/Kitchen	2.0%	0.68	1.75	50.72	0.67	42.6	1.6%	Fail
Window 174 (lower)			0.68	3.34	50.72	0.67	31.6	0.7%	
Window 174 (upper)								2.6%	
Total ADF for room	Kitchen	2.0%						3.3%	Pass

Appendix 2 - Average Daylight Factor (ADF)
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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 175 (lower)	Bedroom	1.0%	0.68	1.75	63.93	0.68	52.0	0.7%	Pass
Window 175 (upper)			0.68	3.34	63.93	0.68	38.0	2.5%	
Total ADF for room								3.2%	
Window 176 (lower)	Kitchen	2.0%	0.68	1.75	50.38	0.67	53.9	0.9%	Pass
Window 176 (upper)			0.68	3.34	50.38	0.67	39.3	3.2%	
Total ADF for room								4.1%	
Window 177 (lower)	Bedroom	1.0%	0.68	1.75	63.91	0.68	51.9	0.7%	Pass
Window 177 (upper)			0.68	3.34	63.91	0.68	38.7	2.5%	
Total ADF for room								3.2%	
Window 178 (lower)	Bedroom	1.0%	0.68	1.38	68.09	0.69	38.4	0.4%	Pass
Window 178 (upper)			0.68	2.63	68.09	0.69	23.4	1.2%	
Total ADF for room								1.6%	
Window 179 (lower)	Bedroom	1.0%	0.68	1.38	64.45	0.69	42.8	0.5%	Pass
Window 179 (upper)			0.68	2.63	64.45	0.69	27.2	1.4%	
Total ADF for room								1.9%	
Window 180 (lower)	Bedroom	1.0%	0.68	1.38	62.31	0.69	45.0	0.5%	Pass
Window 180 (upper)			0.68	2.63	62.31	0.69	29.2	1.6%	
Total ADF for room								2.1%	
Window 181 (lower)	Bedroom	1.0%	0.68	1.38	45.59	0.68	46.0	0.7%	Pass
Window 181 (upper)			0.68	2.63	45.59	0.68	30.2	2.2%	
Total ADF for room								2.9%	
Window 182 (lower)	Bedroom	1.0%	0.68	1.38	62.34	0.69	48.6	0.6%	Pass
Window 182 (upper)			0.68	2.63	62.34	0.69	33.1	1.8%	
Total ADF for room								2.4%	
Window 183 (lower)	Bedroom	1.0%	0.68	1.38	45.59	0.68	50.0	0.8%	Pass

Appendix 2 - Average Daylight Factor (ADF)
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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 183 (upper)	Bedroom	1.0%	0.68	2.63	45.59	0.68	34.6	2.6%	Pass
Total ADF for room								3.4%	
Window 184 (lower)			0.68	1.38	64.45	0.69	48.3	0.6%	
Window 184 (upper)	Bedroom	1.0%	0.68	2.63	64.45	0.69	33.2	1.8%	Pass
Total ADF for room								2.4%	
Window 185 (lower)			0.68	1.38	53.06	0.69	29.4	0.4%	
Window 185 (upper)	Bedroom	1.0%	0.68	2.63	53.06	0.69	18.9	1.2%	Pass
Total ADF for room								1.6%	
Window 186 (lower)			0.68	0.77	126.16	0.67	72.1	0.2%	
Window 186 (upper)	Living/Dining	1.5%	0.68	1.46	126.16	0.67	74.7	1.1%	Pass
Window 187 (lower)			0.68	0.77	126.16	0.67	73.7	0.2%	
Window 187 (upper)			0.68	1.46	126.16	0.67	76.4	1.1%	
Window 188 (lower)	Bedroom	1.0%	0.68	0.77	126.16	0.67	73.4	0.2%	Pass
Window 188 (upper)			0.68	1.46	126.16	0.67	76.1	1.1%	
Window 189 (lower)			0.68	0.7	126.16	0.67	7.6	0.0%	
Window 189 (upper)	Bedroom	1.0%	0.68	1.33	126.16	0.67	4.7	0.1%	Pass
Total ADF for room								4.1%	
Window 190 (lower)			0.68	0.99	52.09	0.7	25.4	0.2%	
Window 190 (upper)	Bedroom	1.0%	0.68	1.9	52.09	0.7	16.6	0.8%	Pass
Total ADF for room								1.0%	
Window 191 (lower)			0.68	1.75	76.05	0.68	37.8	0.4%	
Window 191 (upper)	Bedroom	1.0%	0.68	3.34	76.05	0.68	23.7	1.3%	Pass
Total ADF for room								1.7%	
Window 192 (lower)			0.68	0.84	102.67	0.67	74.7	0.3%	
Window 192 (upper)			0.68	1.6	102.67	0.67	77.5	1.5%	
Window 193 (lower)			0.68	0.85	102.67	0.67	74.9	0.3%	

Appendix 2 - Average Daylight Factor (ADF)
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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 193 (upper)	Living/Dining	1.5%	0.68	1.62	102.67	0.67	77.7	1.5%	Pass
Window 194 (lower)			0.68	0.7	102.67	0.67	21.3	0.1%	
Window 194 (upper)			0.68	1.33	102.67	0.67	14.7	0.2%	
Total ADF for room								3.9%	
Window 195 (lower)	Bedroom	1.0%	0.68	1.75	66.42	0.68	32.5	0.4%	Pass
Window 195 (upper)			0.68	3.34	66.42	0.68	18.2	1.2%	
Total ADF for room								1.6%	
Window 196 (lower)			0.68	0.84	102.36	0.67	75.7	0.3%	
Window 196 (upper)			0.68	1.6	102.36	0.67	78.5	1.5%	
Window 197 (lower)			0.68	0.84	102.36	0.67	76.0	0.3%	
Window 197 (upper)			0.68	1.61	102.36	0.67	78.7	1.5%	
Window 198 (lower)	Living/Dining	1.5%	0.68	0.7	102.36	0.67	19.3	0.1%	Pass
Window 198 (upper)			0.68	1.33	102.36	0.67	13.1	0.2%	
Total ADF for room								3.9%	
Window 199 (lower)	Bedroom	1.0%	0.68	1.99	66.43	0.67	32.8	0.5%	Pass
Window 199 (upper)			0.68	3.8	66.43	0.67	18.7	1.3%	
Total ADF for room								1.8%	
Window 200 (lower)			0.68	0.84	116.3	0.67	77.5	0.3%	
Window 200 (upper)			0.68	1.6	116.3	0.67	79.9	1.4%	
Window 201 (lower)			0.68	0.85	116.3	0.67	77.9	0.3%	
Window 201 (upper)			0.68	1.62	116.3	0.67	80.3	1.4%	
Window 202 (lower)	Living/Dining	1.5%	0.68	0.7	116.3	0.67	26.0	0.1%	Pass
Window 202 (upper)			0.68	1.33	116.3	0.67	18.7	0.3%	
Total ADF for room								3.7%	
Window 203 (lower)			0.68	2.3	67.8	0.67	35.2	0.6%	
Window 203 (upper)			0.68	4.39	67.8	0.67	21.1	1.7%	

Appendix 2 - Average Daylight Factor (ADF)
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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%						2.3%	Pass
Window 204 (lower)			0.68	0.84	76.78	0.66	80.1	0.4%	
Window 204 (upper)			0.68	1.61	76.78	0.66	82.1	2.1%	
Window 206 (lower)			0.68	0.7	76.78	0.66	18.6	0.1%	
Window 206 (upper)			0.68	1.33	76.78	0.66	12.4	0.3%	
Window 205 (lower)			0.68	0.84	76.78	0.66	80.8	0.4%	
Window 205 (upper)			0.68	1.61	76.78	0.66	82.6	2.1%	
Total ADF for room	Bedroom	1.0%						5.5%	Pass
Window 207 (lower)			0.68	0.84	67.26	0.68	32.7	0.2%	
Window 207 (upper)			0.68	1.61	67.26	0.68	20.7	0.6%	
Window 208 (lower)			0.68	0.84	67.26	0.68	36.2	0.2%	
Window 208 (upper)			0.68	1.61	67.26	0.68	22.5	0.7%	
Total ADF for room	Bedroom	1.0%						1.7%	Pass
Window 209 (lower)			0.68	0.84	136.07	0.67	17.8	0.0%	
Window 209 (upper)			0.68	1.61	136.07	0.67	10.7	0.2%	
Window 210 (lower)			0.68	0.83	136.07	0.67	83.8	0.2%	
Window 210 (upper)			0.68	1.58	136.07	0.67	85.0	1.2%	
Window 211 (lower)			0.68	1.39	136.07	0.67	80.2	0.4%	
Window 211 (upper)			0.68	2.65	136.07	0.67	80.2	2.0%	
Total ADF for room	Living/Dining/Kitchen	2.0%						4.1%	Pass
Proposed Fourth Floor West Building									
Window 212 (lower)			0.68	1.71	77.7	0.64	89.5	0.9%	
Window 212 (upper)			0.68	3.28	77.7	0.64	89.4	4.4%	
Window 213 (lower)			0.68	0.84	77.7	0.64	89.1	0.4%	
Window 213 (upper)			0.68	1.61	77.7	0.64	89.0	2.1%	
Window 214 (lower)			0.68	0.75	77.7	0.64	40.6	0.2%	

Appendix 2 - Average Daylight Factor (ADF)
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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 214 (upper)	Bedroom	1.0%	0.68	1.43	77.7	0.64	32.7	0.7%	Pass
Total ADF for room								8.8%	
Window 215 (lower)			0.68	1.75	106.86	0.67	65.6	0.5%	
Window 215 (upper)			0.68	3.34	106.86	0.67	49.0	1.9%	
Window 216 (lower)			0.68	0.83	106.86	0.67	54.6	0.2%	
Window 216 (upper)	Living/Dining/Kitchen	2.0%	0.68	1.59	106.86	0.67	41.8	0.8%	Pass
Total ADF for room								3.4%	
Window 218 (lower)			0.68	0.75	73.92	0.69	41.1	0.2%	
Window 218 (upper)			0.68	1.43	73.92	0.69	33.3	0.8%	
Window 217 (lower)			0.68	0.84	73.92	0.69	89.1	0.5%	
Window 217 (upper)	Bedroom	1.0%	0.68	1.61	73.92	0.69	89.0	2.5%	Pass
Total ADF for room								4.0%	
Window 219 (lower)			0.68	1.75	84.48	0.66	65.6	0.6%	
Window 219 (upper)			0.68	3.34	84.48	0.66	49.0	2.3%	
Window 220 (lower)			0.68	0.82	84.48	0.66	54.5	0.2%	
Window 220 (upper)	Living/Dining	1.5%	0.68	1.57	84.48	0.66	41.8	0.9%	Pass
Total ADF for room								4.1%	
Window 221 (lower)			0.68	0.84	73.59	0.69	89.0	0.5%	
Window 221 (upper)			0.68	1.61	73.59	0.69	89.0	2.6%	
Window 222 (lower)			0.68	0.75	73.59	0.69	41.0	0.2%	
Window 222 (upper)	Bedroom	1.0%	0.68	1.43	73.59	0.69	33.1	0.8%	Pass
Total ADF for room								4.1%	
Window 223 (lower)			0.68	1.75	85.17	0.66	66.0	0.6%	
Window 223 (upper)			0.68	3.34	85.17	0.66	49.4	2.3%	
Window 224 (lower)			0.68	0.84	85.17	0.66	55.3	0.3%	
Window 224 (upper)	Living/Dining	1.5%	0.68	1.61	85.17	0.66	42.5	1.0%	Pass
Total ADF for room								4.2%	

Appendix 2 - Average Daylight Factor (ADF)
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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 225 (lower)	Living/Dining/Kitchen	2.0%	0.68	0.84	131.71	0.67	89.0	0.3%	Pass
Window 225 (upper)			0.68	1.61	131.71	0.67	89.0	1.4%	
Window 226 (lower)			0.68	0.75	131.71	0.67	41.0	0.1%	
Window 226 (upper)			0.68	1.43	131.71	0.67	33.0	0.4%	
Window 227 (lower)			0.68	1.42	131.71	0.67	60.6	0.3%	
Window 227 (upper)			0.68	2.71	131.71	0.67	46.0	1.2%	
Total ADF for room								3.7%	
Window 228 (lower)	Bedroom	1.0%	0.68	1.74	59.79	0.68	63.2	0.9%	Pass
Window 228 (upper)			0.68	3.33	59.79	0.68	47.4	3.3%	
Total ADF for room								4.2%	
Window 229 (lower)	Bedroom	1.0%	0.68	0.75	79.25	0.7	41.4	0.2%	Pass
Window 229 (upper)			0.68	1.43	79.25	0.7	33.7	0.8%	
Window 230 (lower)			0.68	0.84	79.25	0.7	89.0	0.5%	
Window 230 (upper)			0.68	1.61	79.25	0.7	89.0	2.4%	
Total ADF for room								3.9%	
Window 231 (lower)			0.68	1.75	121.08	0.64	89.4	0.6%	
Window 231 (upper)			0.68	3.34	121.08	0.64	89.4	2.9%	
Window 232 (lower)	Living/Dining/Kitchen	2.0%	0.68	0.84	121.08	0.64	89.2	0.3%	Pass
Window 232 (upper)			0.68	1.61	121.08	0.64	89.2	1.4%	
Window 233 (lower)			0.68	1.75	121.08	0.64	80.4	0.5%	
Window 233 (upper)			0.68	3.34	121.08	0.64	74.3	2.4%	
Total ADF for room								8.1%	
Window 234 (lower)			0.68	0.84	60.25	0.71	84.7	0.6%	
Window 234 (upper)			0.68	1.61	60.25	0.71	85.8	3.1%	
Total ADF for room	Bedroom	1.0%						3.7%	Pass
Window 235 (lower)			0.68	0.84	64.56	0.71	84.2	0.6%	

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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 235 (upper)	Bedroom	1.0%	0.68	1.61	64.56	0.71	85.4	2.9%	Pass
Total ADF for room								3.5%	
Window 236 (lower)			0.68	2.44	106.36	0.67	84.1	1.0%	
Window 236 (upper)	Living/Dining/Kitchen	2.0%	0.68	4.67	106.36	0.67	85.3	4.7%	Pass
Total ADF for room								5.7%	
Window 237 (lower)			0.68	0.84	66.29	0.71	83.6	0.6%	
Window 237 (upper)	Bedroom	1.0%	0.68	1.61	66.29	0.71	85.0	2.8%	Pass
Total ADF for room								3.4%	
Window 238 (lower)			0.68	0.84	63.57	0.71	83.9	0.6%	
Window 238 (upper)	Bedroom	1.0%	0.68	1.61	63.57	0.71	85.2	3.0%	Pass
Total ADF for room								3.6%	
Window 239 (lower)			0.68	0.84	60.57	0.71	84.4	0.6%	
Window 239 (upper)	Bedroom	1.0%	0.68	1.61	60.57	0.71	85.6	3.1%	Pass
Total ADF for room								3.7%	
Window 240 (lower)			0.68	1.75	130.38	0.67	85.1	0.6%	
Window 240 (upper)	Living/Dining/Kitchen	2.0%	0.68	3.34	130.38	0.67	86.1	2.7%	Pass
Window 241 (lower)			0.68	0.84	130.38	0.67	87.6	0.3%	
Window 241 (upper)			0.68	1.61	130.38	0.67	88.2	1.3%	
Total ADF for room	Bedroom	1.0%						4.8%	Pass
Window 242 (lower)			0.68	0.84	63.64	0.69	87.4	0.6%	
Window 242 (upper)			0.68	1.61	63.64	0.69	88.1	2.9%	
Window 243 (lower)	Bedroom	1.0%	0.68	0.54	63.64	0.69	51.8	0.2%	Pass
Window 243 (upper)			0.68	1.02	63.64	0.69	53.9	1.1%	
Total ADF for room								4.8%	
Window 244 (lower)			0.68	0.84	64.05	0.71	71.6	0.5%	

Appendix 2 - Average Daylight Factor (ADF)
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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 244 (upper) Total ADF for room	Bedroom	1.0%	0.68	1.61	64.05	0.71	72.9	2.5%	Pass
Window 245 (lower)			0.68	0.75	112.74	0.66	85.8	0.3%	
Window 245 (upper)			0.68	1.43	112.74	0.66	86.9	1.3%	
Window 246 (lower)			0.68	1.75	112.74	0.66	81.1	0.6%	
Window 246 (upper)			0.68	3.34	112.74	0.66	83.9	3.0%	
Window 247 (lower)	Living/Dining/Kitchen	2.0%	0.68	0.77	112.74	0.66	80.0	0.3%	Pass
Window 247 (upper)			0.68	1.46	112.74	0.66	83.1	1.3%	
Total ADF for room								6.8%	
Window 248 (lower)			0.68	1.75	110.27	0.7	76.3	0.6%	
Window 248 (upper)			0.68	3.34	110.27	0.7	79.6	3.2%	
Total ADF for room	Bedroom	1.0%	0.68	0.84	64.67	0.71	65.6	0.5%	Pass
Window 249 (lower)			0.68	1.61	64.67	0.71	51.4	1.7%	
Window 249 (upper)								2.2%	
Total ADF for room			0.68	1.75	67.83	0.68	58.5	0.8%	
Window 250 (lower)			0.68	3.34	67.83	0.68	43.6	2.7%	
Total ADF for room	Living/Dining/Kitchen	2.0%	0.68	1.75	121.46	0.7	53.5	0.4%	Fail
Window 251 (lower)			0.68	3.34	121.46	0.7	40.6	1.5%	
Window 251 (upper)								1.9%	
Total ADF for room			0.68	1.75	50.71	0.67	41.4	0.7%	
Window 252 (lower)			0.68	3.34	50.71	0.67	34.1	2.8%	
Total ADF for room	Kitchen	2.0%						3.5%	Pass
Window 253 (lower)			0.68	1.75	63.88	0.68	50.4	0.7%	
Window 253 (upper)			0.68	3.34	63.88	0.68	37.3	2.5%	

Appendix 2 - Average Daylight Factor (ADF)
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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%						3.2%	Pass
Window 254 (lower)			0.68	1.75	50.38	0.67	52.6	0.9%	
Window 254 (upper)			0.68	3.34	50.38	0.67	41.0	3.4%	
Total ADF for room	Kitchen	2.0%						4.3%	Pass
Window 255 (lower)			0.68	1.75	63.88	0.68	50.9	0.7%	
Window 255 (upper)			0.68	3.34	63.88	0.68	38.4	2.5%	
Total ADF for room	Bedroom	1.0%						3.2%	Pass
Window 256 (lower)			0.68	1.38	69.61	0.69	38.8	0.4%	
Window 256 (upper)			0.68	2.63	69.61	0.69	25.0	1.2%	
Total ADF for room	Bedroom	1.0%						1.6%	Pass
Window 257 (lower)			0.68	1.75	66.19	0.68	42.6	0.6%	
Window 257 (upper)			0.68	3.34	66.19	0.68	27.8	1.8%	
Total ADF for room	Bedroom	1.0%						2.4%	Pass
Window 258 (lower)			0.68	1.38	63.84	0.69	44.3	0.5%	
Window 258 (upper)			0.68	2.63	63.84	0.69	29.0	1.5%	
Total ADF for room	Bedroom	1.0%						2.0%	Pass
Window 259 (lower)			0.68	1.38	47.6	0.69	45.2	0.7%	
Window 259 (upper)			0.68	2.63	47.6	0.69	30.1	2.1%	
Total ADF for room	Bedroom	1.0%						2.8%	Pass
Window 260 (lower)			0.68	1.38	69.68	0.69	47.1	0.5%	
Window 260 (upper)			0.68	2.63	69.68	0.69	32.0	1.6%	
Total ADF for room	Bedroom	1.0%						2.1%	Pass
Window 261 (lower)			0.68	1.38	65.99	0.69	48.3	0.5%	
Window 261 (upper)			0.68	2.63	65.99	0.69	33.2	1.7%	
Total ADF for room	Bedroom	1.0%						2.2%	Pass

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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 262 (lower)	Bedroom	1.0%	0.68	1.38	55.38	0.69	47.1	0.6%	Pass
Window 262 (upper)			0.68	2.63	55.38	0.69	32.4	2.0%	
Total ADF for room								2.6%	
Window 263 (lower)	Bedroom	1.0%	0.68	1.38	62.75	0.69	34.1	0.4%	Pass
Window 263 (upper)			0.68	2.63	62.75	0.69	23.9	1.3%	
Total ADF for room								1.7%	
Window 264 (lower)			0.68	0.77	136.93	0.67	79.1	0.2%	
Window 264 (upper)			0.68	1.46	136.93	0.67	82.4	1.1%	
Window 265 (lower)			0.68	0.77	136.93	0.67	80.8	0.2%	
Window 265 (upper)			0.68	1.46	136.93	0.67	83.7	1.1%	
Window 266 (lower)			0.68	0.77	136.93	0.67	80.4	0.2%	
Window 266 (upper)			0.68	1.46	136.93	0.67	83.3	1.1%	
Window 267 (lower)			0.68	0.7	136.93	0.67	7.9	0.0%	
Window 267 (upper)			0.68	1.33	136.93	0.67	5.0	0.1%	
Total ADF for room								4.1%	
Window 268 (lower)	Living/Dining	1.5%	0.68	0.99	48.2	0.7	26.1	0.3%	
Window 268 (upper)			0.68	1.9	48.2	0.7	18.4	1.0%	
Total ADF for room								1.3%	
Window 269 (lower)	Bedroom	1.0%	0.68	1.75	66.41	0.68	41.6	0.6%	
Window 269 (upper)			0.68	3.34	66.41	0.68	28.7	1.8%	
Total ADF for room								2.4%	
Window 270 (lower)	Bedroom	1.0%	0.68	0.84	115.83	0.67	82.0	0.3%	
Window 270 (upper)			0.68	1.61	115.83	0.67	84.8	1.5%	
Window 271 (lower)			0.68	0.84	115.83	0.67	82.2	0.3%	
Window 271 (upper)			0.68	1.61	115.83	0.67	85.0	1.5%	
Window 272 (lower)			0.68	0.7	115.83	0.67	22.2	0.1%	

Appendix 2 - Average Daylight Factor (ADF)
156 West End Lane, London NW6 1SD

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 272 (upper)	Living/Dining	1.5%	0.68	1.33	115.83	0.67	15.5	0.2%	3.8% Pass
Total ADF for room									
Window 273 (lower)			0.68	1.75	69.49	0.69	35.7	0.5%	
Window 273 (upper)	Bedroom	1.0%	0.68	3.34	69.49	0.69	22.9	1.4%	1.9% Pass
Total ADF for room									
Window 274 (lower)			0.68	0.84	102.36	0.67	82.8	0.3%	
Window 274 (upper)			0.68	1.61	102.36	0.67	85.6	1.7%	
Window 275 (lower)			0.68	0.84	102.36	0.67	83.0	0.3%	
Window 275 (upper)			0.68	1.61	102.36	0.67	85.7	1.7%	
Window 276 (lower)			0.68	0.7	102.36	0.67	18.8	0.1%	
Window 276 (upper)			0.68	1.33	102.36	0.67	13.0	0.2%	
Total ADF for room								4.3% Pass	
Window 277 (lower)	Living/Dining	1.5%	0.68	2.32	68.49	0.66	36.5	0.6%	
Window 277 (upper)			0.68	4.44	68.49	0.66	23.7	1.9%	
Total ADF for room								2.5% Pass	
Window 278 (lower)	Bedroom	1.0%	0.68	0.84	116.3	0.67	83.9	0.3%	
Window 278 (upper)			0.68	1.61	116.3	0.67	86.3	1.5%	
Window 279 (lower)			0.68	0.84	116.3	0.67	84.1	0.3%	
Window 279 (upper)			0.68	1.61	116.3	0.67	86.4	1.5%	
Window 280 (lower)			0.68	0.7	116.3	0.67	25.0	0.1%	
Window 280 (upper)			0.68	1.33	116.3	0.67	18.2	0.3%	
Total ADF for room	Living/Dining	1.5%						4.0% Pass	
Window 281 (lower)			0.68	2.32	69.74	0.67	37.5	0.6%	
Window 281 (upper)			0.68	4.44	69.74	0.67	24.2	1.9%	
Total ADF for room	Bedroom	1.0%						2.5% Pass	
Window 282 (lower)			0.68	0.84	76.77	0.66	85.2	0.4%	

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Proposed Fifth Floor West Building

Appendix 2 - Average Daylight Factor (ADF)
156 West End Lane, London NW6 1SD

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 293 (lower)	Bedroom	1.0%	0.68	0.84	65.44	0.71	75.4	0.5%	Pass
Window 293 (upper)			0.68	1.61	65.44	0.71	88.5	3.0%	
Total ADF for room								3.5%	
Window 294 (lower)	Living/Dining	1.5%	0.68	2.52	86.66	0.66	77.9	1.1%	Pass
Window 294 (upper)			0.68	4.83	86.66	0.66	89.3	6.1%	
Total ADF for room								7.2%	
Window 295 (lower)	Bedroom	1.0%	0.68	0.84	61.49	0.71	75.4	0.6%	Pass
Window 295 (upper)			0.68	1.61	61.49	0.71	88.5	3.2%	
Total ADF for room								3.8%	
Window 296 (lower)	Living/Dining	1.5%	0.68	2.52	81.06	0.66	78.1	1.2%	Pass
Window 296 (upper)			0.68	4.83	81.06	0.66	89.3	6.4%	
Total ADF for room								7.6%	
Window 297 (lower)	Living/Dining/Kitchen	2.0%	0.68	2.59	114.06	0.67	78.1	0.9%	Pass
Window 297 (upper)			0.68	4.95	114.06	0.67	89.3	4.8%	
Total ADF for room								5.7%	
Window 298 (lower)	Bedroom	1.0%	0.68	0.84	60.78	0.71	75.6	0.6%	Pass
Window 298 (upper)			0.68	1.61	60.78	0.71	88.5	3.2%	
Total ADF for room								3.8%	
Window 299 (lower)	Bedroom	1.0%	0.68	0.84	66.47	0.71	75.6	0.5%	Pass
Window 299 (upper)			0.68	1.61	66.47	0.71	88.5	2.9%	
Total ADF for room								3.4%	
Window 300 (lower)			0.68	3.34	115.8	0.63	78.2	1.0%	
Window 300 (upper)			0.68	6.38	115.8	0.63	89.3	5.5%	
Window 301 (lower)			0.68	1.75	115.8	0.63	0.4	0.0%	
Window 301 (upper)			0.68	3.34	115.8	0.63	88.4	2.9%	

Appendix 2 - Average Daylight Factor (ADF)
156 West End Lane, London NW6 1SD

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	Living/Dining/Kitchen	2.0%						9.4%	Pass
Window 302 (lower)			0.68	0.84	58.05	0.71	0.4	0.0%	
Window 302 (upper)			0.68	1.61	58.05	0.71	87.5	3.3%	
Total ADF for room	Bedroom	1.0%						3.3%	Pass
Window 303 (lower)			0.68	0.84	62.21	0.71	0.4	0.0%	
Window 303 (upper)			0.68	1.61	62.21	0.71	87.5	3.1%	
Total ADF for room	Bedroom	1.0%						3.1%	Pass
Window 304 (lower)			0.68	0.84	62.21	0.71	0.4	0.0%	
Window 304 (upper)			0.68	1.61	62.21	0.71	87.4	3.1%	
Total ADF for room	Bedroom	1.0%						3.1%	Pass
Window 305 (lower)			0.68	0.84	58.06	0.71	0.4	0.0%	
Window 305 (upper)			0.68	1.61	58.06	0.71	87.4	3.3%	
Total ADF for room	Bedroom	1.0%						3.3%	Pass
Window 306 (lower)			0.68	1.75	125.5	0.63	0.4	0.0%	
Window 306 (upper)			0.68	3.34	125.5	0.63	88.3	2.7%	
Window 307 (lower)			0.68	0.84	125.5	0.63	77.5	0.2%	
Window 307 (upper)			0.68	1.61	125.5	0.63	87.4	1.3%	
Window 308 (lower)			0.68	2.59	125.5	0.63	73.5	0.7%	
Window 308 (upper)			0.68	4.95	125.5	0.63	80.1	3.6%	
Total ADF for room	Living/Dining/Kitchen	2.0%						8.5%	Pass
Window 309 (lower)			0.68	1.75	72.09	0.69	84.5	1.1%	
Window 309 (upper)			0.68	3.34	72.09	0.69	88.8	5.4%	
Total ADF for room	Bedroom	1.0%						6.5%	Pass
Window 310 (lower)			0.68	0.84	70.8	0.72	83.9	0.6%	
Window 310 (upper)			0.68	1.61	70.8	0.72	88.4	2.8%	
Total ADF for room	Bedroom	1.0%						3.4%	Pass

Appendix 2 - Average Daylight Factor (ADF)
156 West End Lane, London NW6 1SD

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 311 (lower)	Living/Dining/Kitchen	2.0%	0.68	2.59	124.76	0.64	82.6	0.8%	Pass
Window 311 (upper)			0.68	4.95	124.76	0.64	88.6	4.0%	
Window 312 (lower)			0.68	1.75	124.76	0.64	87.9	0.6%	
Window 312 (upper)			0.68	3.34	124.76	0.64	90.8	2.8%	
Window 313 (lower)			0.68	0.84	124.76	0.64	87.0	0.3%	
Window 313 (upper)			0.68	1.61	124.76	0.64	90.1	1.3%	
Total ADF for room								9.7%	Pass
Window 314 (lower)	Bedroom	1.0%	0.68	1.75	74.09	0.69	86.1	1.0%	Pass
Window 314 (upper)			0.68	3.34	74.09	0.69	89.7	5.3%	
Total ADF for room								6.3%	
Window 315 (lower)	Bedroom	1.0%	0.68	1.75	66.6	0.68	84.2	1.1%	Pass
Window 315 (upper)			0.68	3.34	66.6	0.68	88.6	5.6%	
Total ADF for room								6.7%	
Window 316 (lower)	Living/Dining/Kitchen	2.0%	0.68	1.75	121.7	0.69	78.5	0.6%	Pass
Window 316 (upper)			0.68	3.34	121.7	0.69	85.3	3.1%	
Total ADF for room								3.7%	
Window 317 (lower)	Kitchen	2.0%	0.68	1.75	50.75	0.67	69.3	1.2%	Pass
Window 317 (upper)			0.68	3.34	50.75	0.67	76.1	6.2%	
Total ADF for room								7.4%	
Window 318 (lower)	Bedroom	1.0%	0.68	0.84	61.74	0.71	83.7	0.6%	Pass
Window 318 (upper)			0.68	1.61	61.74	0.71	88.4	3.1%	
Total ADF for room								3.7%	
Window 319 (lower)	Kitchen	2.0%	0.68	1.75	45.3	0.66	87.4	1.6%	Pass
Window 319 (upper)			0.68	3.34	45.3	0.66	90.6	8.1%	
Total ADF for room								9.7%	

Appendix 2 - Average Daylight Factor (ADF)
156 West End Lane, London NW6 1SD

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 320 (lower)	Bedroom	1.0%	0.68	0.84	62.47	0.71	86.9	0.6%	Pass
Window 320 (upper)			0.68	1.61	62.47	0.71	90.4	3.2%	
Total ADF for room								3.8%	
Window 321 (lower)	Bedroom	1.0%	0.68	0.84	65.44	0.71	80.0	0.6%	Pass
Window 321 (upper)			0.68	1.61	65.44	0.71	80.1	2.7%	
Total ADF for room								3.3%	
Window 322 (lower)	Bedroom	1.0%	0.68	0.84	50.75	0.71	86.0	0.8%	Pass
Window 322 (upper)			0.68	1.61	50.75	0.71	83.7	3.6%	
Total ADF for room								4.4%	
Window 323 (lower)	Bedroom	1.0%	0.68	0.84	55.62	0.71	86.4	0.7%	Pass
Window 323 (upper)			0.68	1.61	55.62	0.71	84.1	3.3%	
Total ADF for room								4.0%	
Window 324 (lower)	Bedroom	1.0%	0.68	0.84	51.9	0.71	87.7	0.8%	Pass
Window 324 (upper)			0.68	1.61	51.9	0.71	84.6	3.6%	
Total ADF for room								4.4%	
Window 325 (lower)	Bedroom	1.0%	0.68	0.84	65.46	0.71	88.4	0.6%	Pass
Window 325 (upper)			0.68	1.61	65.46	0.71	84.8	2.9%	
Total ADF for room								3.5%	
Window 326 (lower)	Bedroom	1.0%	0.68	0.84	50.74	0.71	88.7	0.8%	Pass
Window 326 (upper)			0.68	1.61	50.74	0.71	84.9	3.7%	
Total ADF for room								4.5%	
Window 327 (lower)	Bedroom	1.0%	0.68	0.84	49.55	0.71	88.2	0.8%	Pass
Window 327 (upper)			0.68	1.61	49.55	0.71	84.9	3.8%	
Total ADF for room								4.6%	
Window 328 (lower)			0.68	0.84	49.4	0.71	77.5	0.7%	

Appendix 2 - Average Daylight Factor (ADF)
156 West End Lane, London NW6 1SD

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 328 (upper)	Bedroom	1.0%	0.68	1.61	49.4	0.71	85.3	3.8%	Pass
Total ADF for room								4.5%	
Window 329 (lower)			0.68	0.84	113.05	0.67	83.8	0.3%	
Window 329 (upper)			0.68	1.61	113.05	0.67	87.6	1.6%	
Window 330 (lower)			0.68	0.84	113.05	0.67	84.3	0.3%	
Window 330 (upper)	Living/Dining	1.5%	0.68	1.61	113.05	0.67	87.7	1.6%	Pass
Window 331 (lower)			0.68	0.84	113.05	0.67	84.2	0.3%	
Window 331 (upper)			0.68	1.61	113.05	0.67	87.7	1.6%	
Total ADF for room								5.8%	
Window 332 (lower)	Bedroom	1.0%	0.68	0.84	49.88	0.71	71.5	0.6%	Pass
Window 332 (upper)			0.68	1.61	49.88	0.71	79.7	3.5%	
Total ADF for room								4.1%	
Window 333 (lower)			0.68	1.07	73.5	0.7	68.4	0.5%	
Window 333 (upper)			0.68	2.61	73.5	0.7	87.3	4.1%	
Total ADF for room	Living/Dining	1.5%						4.6%	Pass
Window 334 (lower)			0.68	0.84	98.04	0.69	74.2	0.3%	
Window 334 (upper)			0.68	1.61	98.04	0.69	86.7	1.8%	
Window 335 (lower)			0.68	0.84	98.04	0.69	73.3	0.3%	
Window 335 (upper)			0.68	1.61	98.04	0.69	85.8	1.8%	
Total ADF for room	Bedroom	1.0%	0.68	0.99	76.28	0.7	68.3	0.5%	Pass
Window 336 (lower)			0.68	2.43	76.28	0.7	87.5	3.7%	
Window 336 (upper)								4.2%	
Total ADF for room								4.2%	
Window 337 (lower)			0.68	0.84	91.88	0.68	74.1	0.4%	
Window 337 (upper)			0.68	1.61	91.88	0.68	86.9	1.9%	
Window 338 (lower)			0.68	0.84	91.88	0.68	73.3	0.4%	

Appendix 2 - Average Daylight Factor (ADF)
156 West End Lane, London NW6 1SD

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 338 (upper)	Living/Dining	1.5%	0.68	1.61	91.88	0.68	85.9	1.9%	Pass
Total ADF for room								4.5%	
Window 339 (lower)			0.68	0.99	76.93	0.7	68.2	0.5%	
Window 339 (upper)			0.68	2.43	76.93	0.7	87.6	3.7%	
Total ADF for room	Bedroom	1.0%						4.2%	Pass
Window 340 (lower)			0.68	0.84	98.08	0.69	74.1	0.3%	
Window 340 (upper)			0.68	1.61	98.08	0.69	86.9	1.8%	
Window 341 (lower)			0.68	0.84	98.08	0.69	73.0	0.3%	
Window 341 (upper)	Living/Dining	1.5%	0.68	1.61	98.08	0.69	85.8	1.8%	Pass
Total ADF for room								4.2%	
Window 342 (lower)			0.68	0.99	76.06	0.7	68.2	0.5%	
Window 342 (upper)			0.68	2.43	76.06	0.7	87.7	3.8%	
Total ADF for room	Bedroom	1.0%						4.3%	Pass
Window 343 (lower)			0.68	0.84	77.22	0.71	74.1	0.4%	
Window 343 (upper)			0.68	1.61	77.22	0.71	87.1	2.5%	
Total ADF for room								2.9%	
Window 344 (lower)	Bedroom	1.0%	0.68	0.99	60.07	0.7	68.2	0.6%	Pass
Window 344 (upper)			0.68	2.43	60.07	0.7	87.7	4.7%	
Total ADF for room								5.3%	
Window 345 (lower)			0.68	0.84	110.95	0.66	68.3	0.2%	
Window 345 (upper)	Living/Dining/Kitchen	2.0%	0.68	1.61	110.95	0.66	79.8	1.4%	Pass
Window 346 (lower)			0.68	0.99	110.95	0.66	74.3	0.3%	
Window 346 (upper)			0.68	1.9	110.95	0.66	87.5	1.8%	
Window 347 (lower)			0.68	1.38	110.95	0.66	58.4	0.4%	
Window 347 (upper)			0.68	3.6	110.95	0.66	84.8	3.3%	Pass
Total ADF for room								7.4%	

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Reference	Target ADF based on room use
	ADF
<u>Proposed Lower Ground Floor East Building</u>	
Window 348 (lower)	Living/Dining/Kitchen
Window 348 (upper)	
Window 349 (lower)	
Window 349 (upper)	
Window 350 (lower)	
Window 350 (upper)	
Total ADF for room	
Window 351 (lower)	Living/Dining/Kitchen
Window 351 (upper)	
Window 352 (lower)	
Window 352 (upper)	
Window 353 (lower)	
Window 353 (upper)	
Total ADF for room	
Window 354 (lower)	Living/Dining/Kitchen
Window 354 (upper)	
Window 355 (lower)	
Window 355 (upper)	
Window 356 (lower)	
Window 356 (upper)	
Total ADF for room	
Window 357 (lower)	Bedroom
Window 357 (upper)	
Total ADF for room	

Average Daylight Factor Coefficients					Actual ADF	
T	Aw	A	R	Theta	ADF	Result
0.68	1.75	162.38	0.67	77.1	0.4%	4.2% Pass
0.68	3.34	162.38	0.67	58.1	1.5%	
0.68	1.75	162.38	0.67	81.9	0.4%	
0.68	3.34	162.38	0.67	77.0	1.9%	
Solid Door						
Solid Door						
0.68	1.75	164.08	0.67	77.6	0.4%	4.2% Pass
0.68	3.34	164.08	0.67	58.7	1.5%	
0.68	1.75	164.08	0.67	82.2	0.4%	
0.68	3.34	164.08	0.67	77.4	1.9%	
Solid Door						
Solid Door						
0.68	1.75	164.08	0.67	77.7	0.4%	4.2% Pass
0.68	3.34	164.08	0.67	58.7	1.5%	
0.68	1.75	164.08	0.67	82.4	0.4%	
0.68	3.34	164.08	0.67	77.7	1.9%	
Solid Door						
Solid Door						
0.68	0.84	64.0	0.71	77.4	0.6%	2.6% Pass
0.68	1.61	64.0	0.71	58.4	2.0%	

Appendix 2 - Average Daylight Factor (ADF)
156 West End Lane, London NW6 1SD

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 358 (lower)	Living/Dining/Kitchen	2.0%	0.68	2.59	104.83	0.67	81.1	1.0%	Pass
Window 358 (upper)			0.68	4.95	104.83	0.67	74.7	4.4%	
Total ADF for room								5.4%	
Window 359 (lower)	Living/Dining/Kitchen	2.0%	0.68	1.75	126.76	0.66	78.6	0.5%	Pass
Window 359 (upper)			0.68	3.34	126.76	0.66	69.4	2.2%	
Window 360 (lower)			0.68	1.75	126.76	0.66	74.3	0.5%	
Window 360 (upper)	Living/Dining/Kitchen	2.0%	0.68	3.34	126.76	0.66	57.8	1.8%	Pass
Total ADF for room								5.0%	
Window 361 (lower)			0.68	0.84	64.41	0.71	83.9	0.6%	
Window 361 (upper)	Bedroom	1.0%	0.68	1.61	64.41	0.71	83.9	2.9%	Pass
Total ADF for room								3.5%	
Window 362 (lower)			0.68	0.84	59.64	0.71	79.9	0.6%	
Window 362 (upper)	Bedroom	1.0%	0.68	1.61	59.64	0.71	68.4	2.5%	Pass
Total ADF for room								3.1%	
Window 363 (lower)			0.68	0.84	140.27	0.65	42.3	0.1%	
Window 363 (upper)	Living/Dining/Kitchen	2.0%	0.68	1.61	140.27	0.65	37.0	0.5%	Pass
Window 364 (lower)			0.68	1.75	140.27	0.65	42.3	0.2%	
Window 364 (upper)			0.68	3.34	140.27	0.65	33.2	0.9%	
Window 365 (lower)	Living/Dining/Kitchen	2.0%	0.68	1.75	140.27	0.65	50.6	0.3%	Pass
Window 365 (upper)			0.68	3.34	140.27	0.65	34.7	1.0%	
Window 366 (lower)					Solid Door				
Window 366 (upper)	Living/Dining/Kitchen	2.0%			Solid Door				Pass
Total ADF for room								3.0%	
Window 367 (lower)			0.68	0.84	70.39	0.71	43.3	0.3%	
Window 367 (upper)	Bedroom	1.0%	0.68	1.61	70.39	0.71	28.1	0.9%	Pass
Total ADF for room								1.2%	
Window 368 (lower)			0.68	1.75	140.28	0.68	47.0	0.3%	

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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 368 (upper) Window 369 (lower) Window 369 (upper) Total ADF for room	Living/Dining/Kitchen	2.0%	0.68	3.34	140.28	0.68	Solid Door Solid Door	0.68	1.4%	
Window 370 (lower) Window 370 (upper) Total ADF for room			0.68	0.84	70.27	0.71		36.9	0.2%	
Window 371 (lower) Window 371 (upper) Total ADF for room			0.68	1.61	70.27	0.71		22.9	0.7%	
Window 372 (lower) Window 372 (upper) Total ADF for room			0.68	0.84	67.04	0.71		42.4	0.3%	
Window 373 (lower) Window 373 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	67.04	0.71	Solid Door Solid Door	1.4%	Pass	
Window 374 (lower) Window 374 (upper) Total ADF for room			0.68	1.61	63.48	0.71		43.2		0.3%
Window 375 (lower) Window 375 (upper) Window 376 (lower) Window 376 (upper) Total ADF for room			0.68	0.84	68.2	0.71		40.2		0.9%
Window 377 (lower) Window 377 (upper) Total ADF for room			0.68	1.61	68.22	0.71		28.0		1.2%
Window 378 (lower) Window 378 (upper) Window 379 (lower) Window 379 (upper) Total ADF for room	Living/Dining/Kitchen	2.0%	0.68	1.75	135.29	0.66	Solid Door Solid Door	0.3%	Fail	
Window 380 (lower) Window 380 (upper) Window 381 (lower) Window 381 (upper) Total ADF for room			0.68	3.34	135.29	0.66		47.7		1.4%
Window 382 (lower) Window 382 (upper) Window 383 (lower) Window 383 (upper) Total ADF for room			0.68	0.84	68.22	0.71		53.7		0.4%
Window 384 (lower) Window 384 (upper) Total ADF for room			0.68	1.61	68.22	0.71		54.5		1.8%
	Bedroom	1.0%							2.2% Pass	

Appendix 2 - Average Daylight Factor (ADF)
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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 388 (lower) Window 388 (upper) Total ADF for room	Living/Dining/Kitchen	2.0%	0.68	1.75	126.89	0.69	63.4	0.4%	Fail
			0.68	3.34	126.89	0.69	42.9	1.5%	
								1.9%	
Window 389 (lower) Window 389 (upper) Total ADF for room	Bedroom	1.0%	0.68	1.68	64.73	0.69	65.9	0.9%	Pass
			0.68	3.22	64.73	0.69	48.2	3.1%	
								4.0%	
Window 390 (lower) Window 390 (upper) Window 391 (lower) Window 391 (upper) Total ADF for room	Living/Dining/Kitchen	2.0%	0.68	1.75	117.22	0.67	63.3	0.5%	Pass
			0.68	3.34	117.22	0.67	42.8	1.5%	
			0.68	0.84	117.22	0.67	65.2	0.2%	
			0.68	1.61	117.22	0.67	46.3	0.8%	
								3.0%	
Window 392 (lower) Window 392 (upper) Window 393 (lower) Window 393 (upper) Total ADF for room	Living/Dining/Kitchen	2.0%	0.68	1.75	115.45	0.66	63.4	0.5%	Pass
			0.68	3.34	115.45	0.66	42.9	1.5%	
			0.68	1.68	115.45	0.66	66.0	0.5%	
			0.68	3.22	115.45	0.66	48.2	1.6%	
								4.1%	
Window 394 (lower) Window 394 (upper) Total ADF for room	Living/Dining/Kitchen	2.0%	0.68	1.75	154.6	0.71	63.0	0.4%	Fail
			0.68	3.34	154.6	0.71	42.8	1.3%	
								1.7%	
Window 395 (lower) Window 395 (upper) Window 396 (lower) Window 396 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	62.01	0.68	63.8	0.4%	Pass
			0.68	1.61	62.01	0.68	46.4	1.5%	
			0.68	0.84	62.01	0.68	58.6	0.4%	
			0.68	1.61	62.01	0.68	51.4	1.7%	
								4.0%	
Window 397 (lower) Window 397 (upper) Window 398 (lower) Window 398 (upper)			0.68	0.84	67.48	0.68	42.2	0.3%	
			0.68	1.61	67.48	0.68	38.4	1.2%	
			0.68	0.84	67.48	0.68	88.2	0.6%	
			0.68	1.61	67.48	0.68	88.3	2.7%	

Appendix 2 - Average Daylight Factor (ADF)
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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%						4.7%	Pass
Window 399 (lower)			0.68	2.59	118.61	0.64	88.7	0.9%	
Window 399 (upper)			0.68	4.95	118.61	0.64	88.6	4.3%	
Window 400 (lower)			0.68	1.75	118.61	0.64	59.7	0.4%	
Window 400 (upper)			0.68	3.34	118.61	0.64	42.0	1.4%	
Total ADF for room	Living/Dining/Kitchen	2.0%						7.0%	Pass
Window 401 (lower)			0.68	0.84	60.6	0.71	69.4	0.5%	
Window 401 (upper)			0.68	1.61	60.6	0.71	52.4	1.9%	
Total ADF for room	Bedroom	1.0%						2.4%	Pass
Window 402 (lower)			0.68	0.84	62.15	0.71	79.7	0.6%	
Window 402 (upper)			0.68	1.61	62.15	0.71	79.4	2.8%	
Total ADF for room	Bedroom	1.0%						3.4%	Pass
Window 403 (lower)			0.68	1.75	111.0	0.67	66.1	0.5%	
Window 403 (upper)			0.68	3.34	111.0	0.67	48.9	1.8%	
Window 404 (lower)			0.68	0.84	111.0	0.67	63.3	0.2%	
Window 404 (upper)			0.68	1.61	111.0	0.67	50.9	0.9%	
Total ADF for room	Living/Dining/Kitchen	2.0%						3.5%	Pass
Window 405 (lower)			0.68	0.84	54.52	0.71	82.2	0.7%	
Window 405 (upper)			0.68	1.61	54.52	0.71	82.8	3.3%	
Total ADF for room	Bedroom	1.0%						4.0%	Pass
Window 406 (lower)			0.68	0.84	62.62	0.71	80.4	0.6%	
Window 406 (upper)			0.68	1.61	62.62	0.71	80.5	2.9%	
Total ADF for room	Bedroom	1.0%						3.5%	Pass
Window 407 (lower)			0.68	1.75	133.78	0.66	64.5	0.4%	
Window 407 (upper)			0.68	3.34	133.78	0.66	47.2	1.4%	
Window 408 (lower)			0.68	0.84	133.78	0.66	64.6	0.2%	
Window 408 (upper)			0.68	1.61	133.78	0.66	52.4	0.8%	

Appendix 2 - Average Daylight Factor (ADF)
156 West End Lane, London NW6 1SD

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 409 (lower)	Living/Dining/Kitchen	2.0%	0.68	0.77	133.78	0.66	79.9	0.2%	Pass			
Window 409 (upper)			0.68	1.46	133.78	0.66	78.7	1.0%				
Window 410 (lower)			0.68	0.84	133.78	0.66	64.2	0.2%				
Window 410 (upper)			0.68	1.61	133.78	0.66	66.4	1.0%				
Total ADF for room										5.2%		
Window 411 (lower)	Bedroom	1.0%	0.68	0.82	70.12	0.68	51.0	0.3%	Pass			
Window 411 (upper)			0.68	1.57	70.12	0.68	51.9	1.5%				
Window 412 (lower)			0.68	0.84	70.12	0.68	66.6	0.4%				
Window 412 (upper)			0.68	1.61	70.12	0.68	69.0	2.0%				
Total ADF for room										4.2%		
Window 413 (lower)	Bedroom	1.0%	0.68	0.84	62.75	0.71	65.6	0.5%	Pass			
Window 413 (upper)			0.68	1.61	62.75	0.71	67.9	2.4%				
Total ADF for room										2.9%		
Window 414 (lower)			Living/Dining/Kitchen	2.0%	0.68	0.84	171.21	0.69		66.4	0.2%	Pass
Window 414 (upper)					0.68	1.61	171.21	0.69		68.6	0.8%	
Window 415 (lower)	0.68	1.75			171.21	0.69	55.2	0.3%				
Window 415 (upper)	0.68	3.34			171.21	0.69	38.3	1.0%				
Window 416 (lower)	0.68	0.84			171.21	0.69	58.6	0.2%				
Window 416 (upper)	0.68	1.61	171.21	0.69	57.5	0.7%	3.1%					
Total ADF for room								3.1%				
Window 417 (lower)	Bedroom	1.0%	0.68	1.75	68.79	0.68	58.1	0.8%	Pass			
Window 417 (upper)			0.68	3.34	68.79	0.68	61.0	3.8%				
Total ADF for room										4.6%		
Window 418 (lower)			Living/Dining/Kitchen	2.0%	0.68	1.75	134.59	0.7		45.9	0.3%	Fail
Window 418 (upper)					0.68	3.34	134.59	0.7		31.1	1.0%	
Total ADF for room									1.3%			
Window 419 (lower)					0.68	2.32	134.55	0.69	41.5	0.4%		
Window 419 (upper)					0.68	4.44	134.55	0.69	27.5	1.2%		

Appendix 2 - Average Daylight Factor (ADF)
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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	Living/Dining/Kitchen	2.0%						1.6%	Fail
Window 420 (lower)	Bedroom	1.0%	0.68	0.84	68.68	0.71	42.2	0.3%	
Window 420 (upper)			0.68	1.61	68.68	0.71	38.3	1.2%	
Total ADF for room								1.5%	Pass
Window 421 (lower)	Bedroom	1.0%	0.68	0.84	58.17	0.71	54.3	0.4%	
Window 421 (upper)			0.68	1.61	58.17	0.71	55.9	2.1%	
Total ADF for room								2.5%	Pass
Window 422 (lower)	Bedroom	1.0%	0.68	1.75	74.58	0.69	60.1	0.7%	
Window 422 (upper)			0.68	3.34	74.58	0.69	62.2	3.6%	
Total ADF for room								4.3%	Pass
Window 423 (lower)	Bedroom	1.0%	0.68	0.84	75.27	0.71	62.6	0.4%	
Window 423 (upper)			0.68	1.61	75.27	0.71	64.9	1.9%	
Total ADF for room								2.3%	Pass
Window 424 (lower)	Bedroom	1.0%	0.68	1.75	54.63	0.68	62.3	1.0%	
Window 424 (upper)			0.68	3.34	54.63	0.68	64.7	5.0%	
Total ADF for room								6.0%	Pass
Window 425 (lower)	Bedroom	1.0%	0.68	0.84	68.58	0.71	42.0	0.3%	
Window 425 (upper)			0.68	1.61	68.58	0.71	38.8	1.3%	
Total ADF for room								1.6%	Pass
Window 426 (lower)	Living/Dining/Kitchen	2.0%	0.68	2.32	134.38	0.69	41.9	0.4%	
Window 426 (upper)			0.68	4.44	134.38	0.69	27.6	1.2%	
Total ADF for room								1.6%	Fail
Window 427 (lower)	Living/Dining/Kitchen	2.0%	0.68	2.32	134.4	0.69	47.2	0.4%	
Window 427 (upper)			0.68	4.44	134.4	0.69	32.5	1.4%	
Total ADF for room								1.8%	Fail

Appendix 2 - Average Daylight Factor (ADF)
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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 428 (lower) Window 428 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	68.57	0.71	57.0	0.4%	Pass
			0.68	1.61	68.57	0.71	59.8	1.9%	
								2.3%	
Window 429 (lower) Window 429 (upper) Window 430 (lower) Window 430 (upper) Window 431 (lower) Window 431 (upper) Window 432 (lower) Window 432 (upper) Total ADF for room	Living/Dining/Kitchen	2.0%	0.68	0.84	176.26	0.69	58.6	0.2%	Pass
			0.68	1.61	176.26	0.69	57.1	0.7%	
			0.68	1.75	176.26	0.69	56.3	0.3%	
			0.68	3.34	176.26	0.69	40.8	1.0%	
			0.68	0.84	176.26	0.69	65.3	0.2%	
			0.68	1.61	176.26	0.69	67.5	0.8%	
			0.68	0.84	176.26	0.69	66.2	0.2%	
			0.68	1.61	176.26	0.69	68.4	0.8%	
								4.1%	
Window 433 (lower) Window 433 (upper) Window 434 (lower) Window 434 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	62.75	0.68	65.0	0.4%	Pass
			0.68	1.61	62.75	0.68	67.2	2.2%	
			0.68	0.75	62.75	0.68	43.7	0.3%	
			0.68	1.43	62.75	0.68	44.9	1.3%	
								4.2%	
Window 435 (lower) Window 435 (upper) Total ADF for room	Bedroom	1.0%	0.68	1.75	62.78	0.68	63.2	0.9%	Pass
			0.68	3.34	62.78	0.68	65.3	4.4%	
Window 436 (lower) Window 436 (upper) Total ADF for room	Bedroom	1.0%	0.68	1.75	61.05	0.68	64.2	0.9%	Pass
			0.68	3.34	61.05	0.68	65.9	4.5%	
								5.4%	
Window 437 (lower) Window 437 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	56.45	0.71	58.9	0.5%	Pass
			0.68	1.61	56.45	0.71	49.1	1.9%	
								2.4%	
Window 438 (lower) Window 438 (upper)	Bedroom	1.0%	0.68	1.34	174.63	0.68	58.0	0.2%	Pass
			0.68	2.56	174.63	0.68	46.6	0.9%	

Appendix 2 - Average Daylight Factor (ADF)
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Reference	Target ADF based on room use	
	Primary room use	ADF
Window 439 (lower)	Living/Dining/Kitchen	2.0%
Window 439 (upper)		
Window 440 (lower)		
Window 440 (upper)		
Window 441 (lower)		
Window 441 (upper)		
Total ADF for room		
Window 442 (lower)	Bedroom	1.0%
Window 442 (upper)		
Total ADF for room		
Window 443 (lower)	Bedroom	1.0%
Window 443 (upper)		
Total ADF for room		
Window 444 (lower)	Living/Dining/Kitchen	2.0%
Window 444 (upper)		
Window 445 (lower)		
Window 445 (upper)		
Window 446 (lower)		
Window 446 (upper)		
Window 447 (lower)		
Window 447 (upper)		
Window 448 (lower)	Bedroom	1.0%
Window 448 (upper)		
Total ADF for room		
Window 449 (lower)	Bedroom	1.0%
Window 449 (upper)		
Window 450 (lower)		
Window 450 (upper)		
Total ADF for room		

Average Daylight Factor Coefficients					
T	Aw	A	R	Theta	
0.68	0.84	174.63	0.68	44.0	
0.68	1.61	174.63	0.68	46.4	
0.68	0.84	174.63	0.68	47.1	
0.68	1.61	174.63	0.68	45.3	
0.68	1.75	174.63	0.68	49.9	
0.68	3.34	174.63	0.68	47.6	
					3.7% Pass
0.68	0.84	62.46	0.71	61.6	
0.68	1.61	62.46	0.71	59.8	
					2.5% Pass
0.68	0.84	63.23	0.71	57.6	
0.68	1.61	63.23	0.71	47.7	
					2.1% Pass
0.68	1.34	174.98	0.65	56.5	
0.68	2.56	174.98	0.65	44.7	
0.68	0.84	174.98	0.65	55.9	
0.68	1.61	174.98	0.65	59.7	
0.68	1.74	174.98	0.65	54.8	
0.68	3.32	174.98	0.65	58.9	
0.68	0.84	174.98	0.65	51.1	
0.68	1.61	174.98	0.65	49.0	
0.68	1.75	174.98	0.65	49.0	
0.68	3.34	174.98	0.65	47.6	
					5.3% Pass
0.68	0.84	56.48	0.68	58.4	
0.68	1.61	56.48	0.68	50.7	
0.68	0.84	56.48	0.68	60.9	
0.68	1.61	56.48	0.68	59.6	
					4.8% Pass

Actual ADF	
ADF	Result
0.1%	
0.5%	
0.1%	
0.5%	
0.2%	
1.1%	
3.7%	Pass
0.4%	
2.1%	
2.5%	Pass
0.4%	
1.7%	
2.1%	Pass
0.2%	
0.8%	
0.1%	
0.7%	
0.2%	
1.3%	
0.1%	
0.5%	
0.2%	
1.1%	
5.3%	Pass
0.4%	
1.8%	
0.4%	
2.1%	
4.8%	Pass

Appendix 2 - Average Daylight Factor (ADF)
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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 451 (lower) Window 451 (upper) Total ADF for room	Living/Dining/Kitchen	2.0%	0.68	1.75	138.11	0.69	27.3	0.2%	Fail
			0.68	3.34	138.11	0.69	13.3	0.4%	
								0.6%	
Window 452 (lower) Window 452 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	67.68	0.72	52.3	0.4%	Pass
			0.68	1.61	67.68	0.72	54.2	1.8%	
								2.2%	
<u>Proposed First Floor East Building</u>									
Window 453 (lower) Window 453 (upper) Window 454 (lower) Window 454 (upper) Total ADF for room	Living/Dining/Kitchen	2.0%	0.68	1.7	123.62	0.64	47.0	0.3%	Pass
			0.68	3.26	123.62	0.64	28.4	0.9%	
			0.68	2.59	123.62	0.64	87.2	0.8%	
			0.68	4.95	123.62	0.64	87.4	4.1%	
								6.2%	
Window 455 (lower) Window 455 (upper) Window 456 (lower) Window 456 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	72.13	0.69	87.2	0.5%	Pass
			0.68	1.61	72.13	0.69	87.3	2.6%	
			0.68	0.75	72.13	0.69	38.5	0.2%	
			0.68	1.43	72.13	0.69	29.0	0.8%	
						4.1%			
Window 457 (lower) Window 457 (upper) Total ADF for room	Living/Dining/Kitchen	2.0%	0.68	1.75	149.44	0.7	62.3	0.4%	Fail
			0.68	3.34	149.44	0.7	43.8	1.3%	
								1.7%	
Window 458 (lower) Window 458 (upper) Window 459 (lower) Window 459 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	82.57	0.69	54.7	0.3%	Pass
			0.68	1.61	82.57	0.69	41.2	1.1%	
			0.68	0.75	82.57	0.69	37.9	0.2%	
			0.68	1.42	82.57	0.69	29.6	0.7%	
								2.2%	
Window 460 (lower) Window 460 (upper)			0.68	1.75	132.13	0.69	62.7	0.4%	
			0.68	3.34	132.13	0.69	44.2	1.5%	

Appendix 2 - Average Daylight Factor (ADF)
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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	Living/Dining/Kitchen	2.0%						1.9%	Fail
Window 461 (lower)			0.68	0.84	80.13	0.7	53.9	0.3%	
Window 461 (upper)			0.68	1.61	80.13	0.7	40.5	1.1%	
Window 462 (lower)			0.68	0.57	80.13	0.7	37.9	0.2%	
Window 462 (upper)			0.68	1.1	80.13	0.7	29.4	0.5%	
Total ADF for room	Bedroom	1.0%						2.1%	Pass
Window 463 (lower)			0.68	1.75	135.57	0.67	62.5	0.4%	
Window 463 (upper)			0.68	3.34	135.57	0.67	43.9	1.3%	
Window 464 (lower)			0.68	0.84	135.57	0.67	53.6	0.2%	
Window 464 (upper)			0.68	1.61	135.57	0.67	40.2	0.6%	
Window 465 (lower)			0.68	0.57	135.57	0.67	28.5	0.0%	
Window 465 (upper)			0.68	1.1	135.57	0.67	20.3	0.2%	
Total ADF for room	Living/Dining/Kitchen	2.0%						2.7%	Pass
Window 466 (lower)			0.68	1.75	133.83	0.67	62.6	0.4%	
Window 466 (upper)			0.68	3.34	133.83	0.67	44.0	1.4%	
Window 467 (lower)			0.68	0.84	133.83	0.67	53.6	0.2%	
Window 467 (upper)			0.68	1.61	133.83	0.67	40.2	0.6%	
Window 468 (lower)			0.68	0.57	133.83	0.67	37.8	0.1%	
Window 468 (upper)			0.68	1.1	133.83	0.67	29.2	0.3%	
Total ADF for room	Living/Dining/Kitchen	2.0%						2.9%	Pass
Window 469 (lower)			0.68	1.75	119.8	0.67	62.7	0.4%	
Window 469 (upper)			0.68	3.34	119.8	0.67	44.1	1.5%	
Window 470 (lower)			0.68	0.84	119.8	0.67	53.9	0.2%	
Window 470 (upper)			0.68	1.61	119.8	0.67	40.5	0.7%	
Total ADF for room	Living/Dining/Kitchen	2.0%						2.8%	Pass
Window 471 (lower)			0.68	0.57	60.7	0.69	37.9	0.2%	
Window 471 (upper)			0.68	1.1	60.7	0.69	29.4	0.7%	
Window 472 (lower)			0.68	0.84	60.7	0.69	82.9	0.6%	
Window 472 (upper)			0.68	1.61	60.7	0.69	82.9	2.8%	

Appendix 2 - Average Daylight Factor (ADF)
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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%						4.3%	Pass
Window 473 (lower)			0.68	0.84	64.22	0.71	88.5	0.6%	
Window 473 (upper)			0.68	1.61	64.22	0.71	88.5	3.0%	
Total ADF for room	Bedroom	1.0%						3.6%	Pass
Window 474 (lower)			0.68	2.59	120.5	0.64	89.0	0.9%	
Window 474 (upper)			0.68	4.95	120.5	0.64	88.9	4.2%	
Window 475 (lower)			0.68	1.74	120.5	0.64	59.6	0.4%	
Window 475 (upper)			0.68	3.33	120.5	0.64	42.2	1.4%	
Total ADF for room	Living/Dining/Kitchen	2.0%						6.9%	Pass
Window 476 (lower)			0.68	0.84	60.24	0.71	70.3	0.5%	
Window 476 (upper)			0.68	1.61	60.24	0.71	53.3	1.9%	
Total ADF for room	Bedroom	1.0%						2.4%	Pass
Window 477 (lower)			0.68	0.84	62.0	0.71	81.0	0.6%	
Window 477 (upper)			0.68	1.61	62.0	0.71	80.5	2.8%	
Total ADF for room	Bedroom	1.0%						3.4%	Pass
Window 478 (lower)			0.68	1.75	116.06	0.67	67.5	0.5%	
Window 478 (upper)			0.68	3.34	116.06	0.67	49.2	1.8%	
Window 479 (lower)			0.68	0.84	116.06	0.67	64.0	0.2%	
Window 479 (upper)			0.68	1.6	116.06	0.67	50.4	0.9%	
Total ADF for room	Living/Dining/Kitchen	2.0%						3.5%	Pass
Window 480 (lower)			0.68	0.84	60.27	0.71	83.8	0.6%	
Window 480 (upper)			0.68	1.61	60.27	0.71	84.0	3.0%	
Total ADF for room	Bedroom	1.0%						3.6%	Pass
Window 481 (lower)			0.68	0.77	62.18	0.71	82.7	0.6%	
Window 481 (upper)			0.68	1.47	62.18	0.71	83.1	2.7%	
Total ADF for room	Bedroom	1.0%						3.3%	Pass

Appendix 2 - Average Daylight Factor (ADF)
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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 482 (lower)	Living/Dining/Kitchen	2.0%	0.68	2.59	132.04	0.68	69.2	0.7%	4.6% Pass
Window 482 (upper)			0.68	4.95	132.04	0.68	54.5	2.6%	
Window 483 (lower)			0.68	0.77	132.04	0.68	82.4	0.2%	
Window 483 (upper)			0.68	1.46	132.04	0.68	81.1	1.1%	
Total ADF for room									
Window 484 (lower)	Bedroom	1.0%	0.68	0.82	70.12	0.68	53.3	0.3%	4.6% Pass
Window 484 (upper)			0.68	1.57	70.12	0.68	54.4	1.6%	
Window 485 (lower)			0.68	0.84	70.12	0.68	72.7	0.4%	
Window 485 (upper)			0.68	1.61	70.12	0.68	75.1	2.2%	
Total ADF for room									
Window 486 (lower)	Bedroom	1.0%	0.68	0.84	62.75	0.71	72.6	0.5%	3.1% Pass
Window 486 (upper)			0.68	1.61	62.75	0.71	75.0	2.6%	
Total ADF for room									
Window 487 (lower)	Living/Dining/Kitchen	2.0%	0.68	0.84	171.14	0.68	72.4	0.2%	4.0% Pass
Window 487 (upper)			0.68	1.61	171.14	0.68	74.8	0.9%	
Window 488 (lower)			0.68	2.49	171.14	0.68	60.5	0.4%	
Window 488 (upper)			0.68	4.77	171.14	0.68	42.8	1.5%	
Window 489 (lower)			0.68	0.84	171.14	0.68	64.5	0.2%	
Window 489 (upper)			0.68	1.61	171.14	0.68	63.8	0.8%	
Total ADF for room									
Window 490 (lower)	Bedroom	1.0%	0.68	0.84	68.79	0.71	65.3	0.4%	2.6% Pass
Window 490 (upper)			0.68	1.61	68.79	0.71	68.5	2.2%	
Total ADF for room									
Window 491 (lower)	Living/Dining/Kitchen	2.0%	0.68	2.32	134.57	0.69	52.1	0.5%	
Window 491 (upper)			0.68	4.44	134.57	0.69	37.2	1.6%	
Total ADF for room									
Window 492 (lower)			0.68	2.32	134.54	0.69	46.4	0.4%	
Window 492 (upper)			0.68	4.44	134.54	0.69	32.4	1.4%	

Appendix 2 - Average Daylight Factor (ADF)
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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	Living/Dining/Kitchen	2.0%						1.8%	Fail
Window 493 (lower)	Bedroom	1.0%	0.68	0.84	68.68	0.71	46.8	0.3%	
Window 493 (upper)			0.68	1.61	68.68	0.71	43.9	1.4%	
Total ADF for room								1.7%	Pass
Window 494 (lower)	Bedroom	1.0%	0.68	0.84	58.14	0.71	59.1	0.5%	
Window 494 (upper)			0.68	1.61	58.14	0.71	61.3	2.3%	
Total ADF for room								2.8%	Pass
Window 495 (lower)	Bedroom	1.0%	0.68	0.84	74.58	0.71	64.9	0.4%	
Window 495 (upper)			0.68	1.61	74.58	0.71	67.3	2.0%	
Total ADF for room								2.4%	Pass
Window 496 (lower)	Bedroom	1.0%	0.68	0.84	75.27	0.71	68.9	0.4%	
Window 496 (upper)			0.68	1.61	75.27	0.71	71.6	2.1%	
Total ADF for room								2.5%	Pass
Window 497 (lower)	Bedroom	1.0%	0.68	0.84	54.61	0.71	68.9	0.6%	
Window 497 (upper)			0.68	1.61	54.61	0.71	71.6	2.9%	
Total ADF for room								3.5%	Pass
Window 498 (lower)	Bedroom	1.0%	0.68	0.84	68.58	0.71	46.4	0.3%	
Window 498 (upper)			0.68	1.61	68.58	0.71	44.1	1.4%	
Total ADF for room								1.7%	Pass
Window 499 (lower)	Living/Dining/Kitchen	2.0%	0.68	2.32	134.39	0.69	46.9	0.4%	
Window 499 (upper)			0.68	4.44	134.39	0.69	33.6	1.4%	
Total ADF for room								1.8%	Fail
Window 500 (lower)	Living/Dining/Kitchen	2.0%	0.68	2.32	134.4	0.69	52.8	0.5%	
Window 500 (upper)			0.68	4.44	134.4	0.69	38.6	1.6%	
Total ADF for room								2.1%	Pass

Appendix 2 - Average Daylight Factor (ADF)
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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 501 (lower) Window 501 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	68.57	0.71	63.3	0.4%	Pass
			0.68	1.61	68.57	0.71	66.1	2.1%	
								2.5%	
Window 502 (lower) Window 502 (upper) Window 503 (lower) Window 503 (upper) Window 504 (lower) Window 504 (upper) Window 505 (lower) Window 505 (upper) Total ADF for room	Living/Dining/Kitchen	2.0%	0.68	0.84	176.25	0.69	65.0	0.2%	Pass
			0.68	1.61	176.25	0.69	64.5	0.8%	
			0.68	1.75	176.25	0.69	62.0	0.3%	
			0.68	3.34	176.25	0.69	46.2	1.1%	
			0.68	0.84	176.25	0.69	70.9	0.2%	
			0.68	1.61	176.25	0.69	73.1	0.9%	
			0.68	0.84	176.25	0.69	71.9	0.2%	
			0.68	1.61	176.25	0.69	74.1	0.9%	
								4.5%	
Window 506 (lower) Window 506 (upper) Window 507 (lower) Window 507 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	62.75	0.68	70.5	0.5%	Pass
			0.68	1.61	62.75	0.68	72.7	2.4%	
			0.68	0.75	62.75	0.68	47.0	0.3%	
			0.68	1.43	62.75	0.68	48.7	1.4%	
								4.6%	
Window 508 (lower) Window 508 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	62.78	0.71	69.3	0.5%	Pass
			0.68	1.61	62.78	0.71	71.7	2.5%	
Window 509 (lower) Window 509 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	61.05	0.71	68.3	0.5%	Pass
			0.68	1.61	61.05	0.71	70.7	2.5%	
								3.0%	
Window 510 (lower) Window 510 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.75	64.07	0.71	48.1	0.3%	Pass
			0.68	1.43	64.07	0.71	49.7	1.5%	
								1.8%	
Window 511 (lower) Window 511 (upper)	Bedroom	1.0%	0.68	0.84	65.64	0.66	69.6	0.4%	Pass
			0.68	1.61	65.64	0.66	71.9	2.1%	

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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 512 (lower)	Bedroom	1.0%	0.68	0.75	65.64	0.66	44.8	0.2%	Pass
Window 512 (upper)			0.68	1.43	65.64	0.66	46.6	1.2%	
Window 513 (lower)			0.68	0.84	65.64	0.66	56.0	0.4%	
Window 513 (upper)			0.68	1.61	65.64	0.66	55.9	1.7%	
Total ADF for room								6.0%	
Window 514 (lower)	Bedroom	1.0%	0.68	0.75	65.71	0.72	46.4	0.3%	Pass
Window 514 (upper)			0.68	1.43	65.71	0.72	48.2	1.5%	
Total ADF for room								1.8%	
Window 515 (lower)	Bedroom	1.0%	0.68	0.84	60.4	0.68	68.6	0.5%	Pass
Window 515 (upper)			0.68	1.61	60.4	0.68	71.0	2.4%	
Window 516 (lower)			0.68	0.77	60.4	0.68	47.0	0.3%	
Window 516 (upper)			0.68	1.47	60.4	0.68	48.9	1.5%	
Total ADF for room								4.7%	
Window 517 (lower)	Living/Dining/Kitchen	2.0%	0.68	1.75	171.4	0.66	46.5	0.2%	Pass
Window 517 (upper)			0.68	3.34	171.4	0.66	36.9	0.9%	
Window 518 (lower)			0.68	0.84	171.4	0.66	54.4	0.1%	
Window 518 (upper)			0.68	1.61	171.4	0.66	43.0	0.5%	
Window 519 (lower)			0.68	1.75	171.4	0.66	60.3	0.3%	
Window 519 (upper)			0.68	3.34	171.4	0.66	63.0	1.5%	
Window 520 (lower)			0.68	0.84	171.4	0.66	61.5	0.2%	
Window 520 (upper)			0.68	1.61	171.4	0.66	62.9	0.7%	
Total ADF for room								4.4%	
Window 521 (lower)			0.68	1.75	174.81	0.69	48.1	0.2%	
Window 521 (upper)			0.68	3.34	174.81	0.69	36.6	0.9%	
Window 522 (lower)	Living/Dining/Kitchen	2.0%	0.68	0.84	174.81	0.69	47.5	0.1%	Pass
Window 522 (upper)			0.68	1.61	174.81	0.69	36.8	0.4%	
Window 523 (lower)			0.68	0.84	174.81	0.69	49.0	0.1%	
Window 523 (upper)			0.68	1.61	174.81	0.69	46.7	0.6%	
Total ADF for room								2.4%	

Appendix 2 - Average Daylight Factor (ADF)
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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 524 (lower)	Living/Dining/Kitchen	2.0%	0.68	1.68	130.41	0.7	32.1	0.2%	Fail	
Window 524 (upper)			0.68	3.21	130.41	0.7	16.4	0.5%		
Total ADF for room										0.7%
Window 525 (lower)	Bedroom	1.0%	0.68	0.84	65.33	0.71	50.0	0.4%	Pass	
Window 525 (upper)			0.68	1.61	65.33	0.71	50.8	1.7%		
Total ADF for room										2.1%
Window 526 (lower)	Living/Dining/Kitchen	2.0%	0.68	1.68	107.24	0.69	48.5	0.4%	Fail	
Window 526 (upper)			0.68	3.21	107.24	0.69	31.5	1.2%		
Total ADF for room										1.6%
Window 527 (lower)	Bedroom	1.0%	0.68	0.6	62.17	0.71	58.4	0.3%	Pass	
Window 527 (upper)			0.68	1.15	62.17	0.71	60.3	1.6%		
Total ADF for room										1.9%
Window 528 (lower)	Bedroom	1.0%	0.68	0.84	60.61	0.71	51.0	0.4%	Pass	
Window 528 (upper)			0.68	1.61	60.61	0.71	33.9	1.2%		
Total ADF for room										1.6%
Proposed Second Floor East Building										
Window 529 (lower)	Living/Dining/Kitchen	2.0%	0.68	1.75	125.36	0.64	50.8	0.3%	Pass	
Window 529 (upper)			0.68	3.34	125.36	0.64	31.6	1.0%		
Window 530 (lower)			0.68	2.58	125.36	0.64	87.9	0.8%		
Window 530 (upper)	Bedroom	1.0%	0.68	4.93	125.36	0.64	88.1	4.0%	Pass	
Total ADF for room										6.2%
Window 531 (lower)			0.68	0.84	72.16	0.7	87.8	0.6%		
Window 531 (upper)	Bedroom	1.0%	0.68	1.61	72.16	0.7	88.0	2.6%	Pass	
Window 532 (lower)			0.68	0.57	72.16	0.7	37.2	0.2%		
Window 532 (upper)			0.68	1.1	72.16	0.7	27.7	0.6%		
Total ADF for room								3.9%		

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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 533 (lower) Window 533 (upper) Total ADF for room	Living/Dining/Kitchen	2.0%	0.68	1.75	149.31	0.7	61.5	0.4%	Fail
			0.68	3.34	149.31	0.7	43.4	1.3%	
								1.7%	
Window 534 (lower) Window 534 (upper) Window 535 (lower) Window 535 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	82.75	0.7	53.4	0.3%	Pass
			0.68	1.61	82.75	0.7	40.2	1.0%	
			0.68	0.57	82.75	0.7	37.5	0.1%	
			0.68	1.1	82.75	0.7	29.2	0.5%	
Window 536 (lower) Window 536 (upper) Total ADF for room	Living/Dining/Kitchen	2.0%	0.68	1.75	131.49	0.69	60.7	0.4%	Fail
			0.68	3.34	131.49	0.69	43.1	1.4%	
								1.8%	
Window 537 (lower) Window 537 (upper) Window 538 (lower) Window 538 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	80.09	0.7	52.3	0.3%	Pass
			0.68	1.61	80.09	0.7	39.3	1.1%	
			0.68	0.57	80.09	0.7	37.2	0.2%	
			0.68	1.1	80.09	0.7	28.8	0.5%	
Window 539 (lower) Window 539 (upper) Window 540 (lower) Window 540 (upper) Window 541 (lower) Window 541 (upper) Total ADF for room	Living/Dining/Kitchen	2.0%	0.68	1.75	135.58	0.67	61.9	0.4%	Pass
			0.68	3.34	135.58	0.67	43.7	1.3%	
			0.68	0.84	135.58	0.67	52.6	0.2%	
			0.68	1.61	135.58	0.67	39.4	0.6%	
			0.68	0.57	135.58	0.67	37.2	0.1%	
			0.68	1.1	135.58	0.67	28.8	0.3%	
Window 542 (lower) Window 542 (upper) Window 543 (lower) Window 543 (upper) Window 544 (lower) Window 544 (upper)	Living/Dining/Kitchen	2.0%	0.68	1.75	133.79	0.67	62.1	0.4%	Pass
			0.68	3.34	133.79	0.67	43.8	1.3%	
			0.68	0.84	133.79	0.67	53.3	0.2%	
			0.68	1.61	133.79	0.67	40.0	0.6%	
			0.68	0.57	133.79	0.67	37.7	0.1%	
			0.68	1.1	133.79	0.67	29.2	0.3%	

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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	Living/Dining/Kitchen	2.0%						2.8%	Pass
Window 545 (lower)			0.68	1.75	119.73	0.67	62.0	0.4%	
Window 545 (upper)			0.68	3.34	119.73	0.67	43.8	1.5%	
Window 546 (lower)			0.68	0.84	119.73	0.67	52.9	0.2%	
Window 546 (upper)			0.68	1.61	119.73	0.67	39.8	0.7%	
Total ADF for room	Living/Dining/Kitchen	2.0%						2.8%	Pass
Window 547 (lower)			0.68	0.57	60.72	0.69	37.4	0.2%	
Window 547 (upper)			0.68	1.1	60.72	0.69	29.0	0.7%	
Window 548 (lower)			0.68	0.84	60.72	0.69	82.8	0.6%	
Window 548 (upper)			0.68	1.61	60.72	0.69	82.8	2.8%	
Total ADF for room	Bedroom	1.0%						4.3%	Pass
Window 549 (lower)			0.68	0.84	64.22	0.71	88.7	0.6%	
Window 549 (upper)			0.68	1.6	64.22	0.71	88.7	3.0%	
Total ADF for room	Bedroom	1.0%						3.6%	Pass
Window 550 (lower)			0.68	2.59	120.67	0.64	89.2	0.9%	
Window 550 (upper)			0.68	4.95	120.67	0.64	89.1	4.2%	
Window 551 (lower)			0.68	1.73	120.67	0.64	65.0	0.4%	
Window 551 (upper)			0.68	3.3	120.67	0.64	45.6	1.4%	
Total ADF for room	Living/Dining/Kitchen	2.0%						6.9%	Pass
Window 552 (lower)			0.68	0.84	60.51	0.71	71.3	0.5%	
Window 552 (upper)			0.68	1.61	60.51	0.71	54.1	2.0%	
Total ADF for room	Bedroom	1.0%						2.5%	Pass
Window 553 (lower)			0.68	0.84	61.99	0.71	82.4	0.6%	
Window 553 (upper)			0.68	1.61	61.99	0.71	82.2	2.9%	
Total ADF for room	Bedroom	1.0%						3.5%	Pass
Window 554 (lower)			0.68	1.75	116.05	0.67	64.7	0.5%	
Window 554 (upper)			0.68	3.34	116.05	0.67	45.3	1.6%	

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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 555 (lower) Window 555 (upper) Total ADF for room	Living/Dining/Kitchen	2.0%	0.68	0.84	116.05	0.67	58.8	0.2%	Pass
			0.68	1.61	116.05	0.67	41.7	0.7%	
								3.0%	
Window 556 (lower) Window 556 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	60.26	0.71	84.2	0.6%	Pass
			0.68	1.61	60.26	0.71	83.9	3.0%	
								3.6%	
Window 557 (lower) Window 557 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.77	62.15	0.71	86.5	0.6%	Pass
			0.68	1.47	62.15	0.71	87.2	2.8%	
								3.4%	
Window 558 (lower) Window 558 (upper) Window 559 (lower) Window 559 (upper) Total ADF for room	Living/Dining/Kitchen	2.0%	0.68	2.59	123.15	0.67	81.6	0.8%	Pass
			0.68	4.95	123.15	0.67	68.8	3.4%	
			0.68	0.77	123.15	0.67	86.9	0.3%	
			0.68	1.46	123.15	0.67	87.8	1.3%	
								5.8%	
Window 560 (lower) Window 560 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	70.11	0.71	78.9	0.5%	Pass
			0.68	1.61	70.11	0.71	81.3	2.5%	
								3.0%	
Window 561 (lower) Window 561 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	62.75	0.71	77.5	0.6%	Pass
			0.68	1.61	62.75	0.71	78.6	2.8%	
								3.4%	
Window 562 (lower) Window 562 (upper) Window 563 (lower) Window 563 (upper) Window 564 (lower) Window 564 (upper) Total ADF for room	Living/Dining/Kitchen	2.0%	0.68	0.84	170.02	0.68	78.4	0.2%	Pass
			0.68	1.61	170.02	0.68	79.3	1.0%	
			0.68	2.49	170.02	0.68	77.1	0.6%	
			0.68	4.77	170.02	0.68	79.2	2.8%	
			0.68	0.84	170.02	0.68	75.1	0.2%	
			0.68	1.61	170.02	0.68	77.5	0.9%	
								5.7%	

Appendix 2 - Average Daylight Factor (ADF)
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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 565 (lower) Window 565 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	67.41	0.71	73.2	0.5%	Pass
			0.68	1.61	67.41	0.71	75.8	2.5%	
								3.0%	
Window 566 (lower) Window 566 (upper) Total ADF for room	Living/Dining/Kitchen	2.0%	0.68	2.32	114.82	0.68	68.2	0.7%	Pass
			0.68	4.44	114.82	0.68	70.4	3.5%	
								4.2%	
Window 567 (lower) Window 567 (upper) Total ADF for room	Living/Dining/Kitchen	2.0%	0.68	2.32	114.79	0.68	61.6	0.6%	Pass
			0.68	4.44	114.79	0.68	63.0	3.1%	
								3.7%	
Window 568 (lower) Window 568 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	67.36	0.71	56.2	0.4%	Pass
			0.68	1.61	67.36	0.71	57.8	1.9%	
								2.3%	
Window 569 (lower) Window 569 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	58.17	0.71	64.2	0.5%	Pass
			0.68	1.61	58.17	0.71	66.5	2.5%	
								3.0%	
Window 570 (lower) Window 570 (upper) Total ADF for room	Bedroom	1.0%	0.68	1.75	74.61	0.69	72.5	0.9%	Pass
			0.68	3.34	74.61	0.69	75.4	4.4%	
								5.3%	
Window 571 (lower) Window 571 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	75.29	0.71	76.0	0.5%	Pass
			0.68	1.61	75.29	0.71	79.2	2.3%	
								2.8%	
Window 572 (lower) Window 572 (upper) Total ADF for room	Bedroom	1.0%	0.68	1.75	54.61	0.68	75.8	1.2%	Pass
			0.68	3.34	54.61	0.68	78.9	6.0%	
								7.2%	
Window 573 (lower) Window 573 (upper)	Bedroom	1.0%	0.68	0.84	68.57	0.71	54.8	0.4%	
			0.68	1.61	68.57	0.71	55.4	1.8%	

Appendix 2 - Average Daylight Factor (ADF)
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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%						2.2%	Pass
Window 574 (lower)			0.68	2.32	134.36	0.69	61.9	0.6%	
Window 574 (upper)			0.68	4.44	134.36	0.69	63.3	2.7%	
Total ADF for room	Living/Dining/Kitchen	2.0%						3.3%	Pass
Window 575 (lower)			0.68	2.32	134.42	0.69	69.4	0.6%	
Window 575 (upper)			0.68	4.44	134.42	0.69	72.1	3.1%	
Total ADF for room	Living/Dining/Kitchen	2.0%						3.7%	Pass
Window 576 (lower)			0.68	0.84	68.54	0.71	73.3	0.5%	
Window 576 (upper)			0.68	1.61	68.54	0.71	76.2	2.5%	
Total ADF for room	Bedroom	1.0%						3.0%	Pass
Window 577 (lower)			0.68	0.84	178.49	0.69	76.3	0.2%	
Window 577 (upper)			0.68	1.61	178.49	0.69	79.1	0.9%	
Window 578 (lower)			0.68	1.75	178.49	0.69	79.0	0.4%	
Window 578 (upper)			0.68	3.34	178.49	0.69	81.7	2.0%	
Window 579 (lower)			0.68	0.84	178.49	0.69	77.9	0.2%	
Window 579 (upper)			0.68	1.61	178.49	0.69	80.2	0.9%	
Window 580 (lower)			0.68	0.84	178.49	0.69	77.8	0.2%	
Window 580 (upper)			0.68	1.61	178.49	0.69	80.1	0.9%	
Total ADF for room	Living/Dining/Kitchen	2.0%						5.7%	Pass
Window 581 (lower)			0.68	0.84	62.78	0.68	77.6	0.5%	
Window 581 (upper)			0.68	1.61	62.78	0.68	79.9	2.6%	
Window 582 (lower)			0.68	0.75	62.78	0.68	52.3	0.3%	
Window 582 (upper)			0.68	1.43	62.78	0.68	56.4	1.6%	
Total ADF for room	Bedroom	1.0%						5.0%	Pass
Window 583 (lower)			0.68	0.84	62.38	0.71	75.7	0.6%	
Window 583 (upper)			0.68	1.61	62.38	0.71	78.7	2.8%	
Total ADF for room	Bedroom	1.0%						3.4%	Pass

Appendix 2 - Average Daylight Factor (ADF)
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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 584 (lower) Window 584 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	61.05	0.71	74.8	0.6%	Pass
			0.68	1.61	61.05	0.71	78.2	2.8%	
								3.4%	
Window 585 (lower) Window 585 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.75	64.08	0.71	53.0	0.3%	Pass
			0.68	1.43	64.08	0.71	56.9	1.7%	
								2.0%	
Window 586 (lower) Window 586 (upper) Window 587 (lower)			0.68	0.84	65.66	0.66	76.7	0.5%	
			0.68	1.61	65.66	0.66	79.1	2.4%	
			0.68	0.75	65.66	0.66	50.6	0.3%	
Window 587 (upper) Window 588 (lower) Window 588 (upper) Total ADF for room			0.68	1.43	65.66	0.66	55.1	1.5%	
			0.68	0.84	65.66	0.66	60.3	0.4%	
			0.68	1.61	65.66	0.66	61.6	1.8%	
								6.8%	
Window 589 (lower) Window 589 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.75	65.71	0.72	52.0	0.3%	Pass
			0.68	1.43	65.71	0.72	56.4	1.7%	
								2.0%	
Window 590 (lower) Window 590 (upper) Window 591 (lower) Window 591 (upper) Total ADF for room			0.68	0.84	60.39	0.68	74.7	0.5%	Pass
			0.68	1.61	60.39	0.68	76.1	2.6%	
			0.68	0.75	60.39	0.68	52.5	0.3%	
			0.68	1.43	60.39	0.68	56.0	1.7%	
								5.1%	
Window 592 (lower) Window 592 (upper) Window 593 (lower) Window 593 (upper) Window 594 (lower) Window 594 (upper) Window 595 (lower) Window 595 (upper)	Bedroom	1.0%	0.68	1.75	171.67	0.66	59.4	0.3%	
			0.68	3.34	171.67	0.66	52.7	1.2%	
			0.68	0.81	171.67	0.66	64.5	0.2%	
			0.68	1.55	171.67	0.66	64.9	0.7%	
			0.68	1.75	171.67	0.66	65.7	0.3%	
			0.68	3.34	171.67	0.66	66.0	1.6%	
			0.68	0.84	171.67	0.66	65.8	0.2%	
			0.68	1.61	171.67	0.66	66.3	0.8%	

Appendix 2 - Average Daylight Factor (ADF)
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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	Living/Dining/Kitchen	2.0%						5.2%	Pass
Window 596 (lower)			0.68	1.75	174.93	0.69	60.1	0.3%	
Window 596 (upper)			0.68	3.34	174.93	0.69	53.6	1.3%	
Window 597 (lower)			0.68	0.84	174.93	0.69	58.6	0.2%	
Window 597 (upper)			0.68	1.61	174.93	0.69	59.0	0.7%	
Window 598 (lower)			0.68	0.84	174.93	0.69	55.9	0.1%	
Window 598 (upper)			0.68	1.61	174.93	0.69	56.2	0.7%	
Total ADF for room	Living/Dining/Kitchen	2.0%						3.3%	Pass
Window 599 (lower)			0.68	1.68	130.41	0.7	37.5	0.2%	
Window 599 (upper)			0.68	3.21	130.41	0.7	22.7	0.7%	
Total ADF for room	Living/Dining/Kitchen	2.0%						0.9%	Fail
Window 600 (lower)			0.68	0.84	65.34	0.71	58.0	0.4%	
Window 600 (upper)			0.68	1.61	65.34	0.71	61.0	2.0%	
Total ADF for room	Bedroom	1.0%						2.4%	Pass
Window 601 (lower)			0.68	1.68	107.31	0.69	55.6	0.4%	
Window 601 (upper)			0.68	3.21	107.31	0.69	38.8	1.5%	
Total ADF for room	Living/Dining/Kitchen	2.0%						1.9%	Fail
Window 602 (lower)			0.68	0.6	62.17	0.71	64.8	0.4%	
Window 602 (upper)			0.68	1.15	62.17	0.71	67.1	1.7%	
Total ADF for room	Bedroom	1.0%						2.1%	Pass
Window 603 (lower)			0.68	0.84	60.6	0.71	55.5	0.4%	
Window 603 (upper)			0.68	1.61	60.6	0.71	39.1	1.4%	
Total ADF for room	Bedroom	1.0%						1.8%	Pass
<u>Proposed Third Floor East Building</u>									
Window 604 (lower)			0.68	1.8	125.34	0.64	58.8	0.4%	
Window 604 (upper)			0.68	3.45	125.34	0.64	39.7	1.3%	

Appendix 2 - Average Daylight Factor (ADF)
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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 605 (lower) Window 605 (upper) Total ADF for room	Living/Dining/Kitchen	2.0%	0.68	2.59	125.34	0.64	88.6	0.8%	Pass
			0.68	4.95	125.34	0.64	88.8	4.1%	
								6.6%	
Window 606 (lower) Window 606 (upper) Window 607 (lower) Window 607 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	72.16	0.7	88.5	0.6%	Pass
			0.68	1.61	72.16	0.7	88.6	2.6%	
			0.68	0.57	72.16	0.7	38.0	0.2%	
	Living/Dining/Kitchen	2.0%	0.68	1.1	72.16	0.7	28.6	0.6%	Pass
								3.9%	
								0.4%	
Window 608 (lower) Window 608 (upper) Total ADF for room	Living/Dining/Kitchen	2.0%	0.68	1.75	149.4	0.7	62.5	0.4%	Fail
			0.68	3.34	149.4	0.7	44.3	1.3%	
								1.7%	
Window 609 (lower) Window 609 (upper) Window 610 (lower) Window 610 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	82.57	0.7	54.1	0.3%	Pass
			0.68	1.61	82.57	0.7	41.0	1.1%	
			0.68	0.57	82.57	0.7	37.9	0.1%	
	Living/Dining/Kitchen	2.0%	0.68	1.09	82.57	0.7	29.8	0.5%	Pass
								2.0%	
								0.4%	
Window 611 (lower) Window 611 (upper) Total ADF for room	Living/Dining/Kitchen	2.0%	0.68	1.75	131.47	0.69	62.1	0.4%	Fail
			0.68	3.34	131.47	0.69	43.9	1.5%	
								1.9%	
Window 612 (lower) Window 612 (upper) Window 613 (lower) Window 613 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	80.02	0.7	52.5	0.3%	Pass
			0.68	1.61	80.02	0.7	39.4	1.1%	
			0.68	0.57	80.02	0.7	37.5	0.2%	
	Living/Dining/Kitchen	2.0%	0.68	1.09	80.02	0.7	29.1	0.5%	Pass
								2.0%	
								0.4%	
Window 614 (lower) Window 614 (upper) Window 615 (lower) Window 615 (upper)	Bedroom	1.0%	0.68	1.75	135.63	0.67	62.3	0.4%	Pass
			0.68	3.34	135.63	0.67	44.1	1.3%	
			0.68	0.84	135.63	0.67	53.1	0.2%	
	Living/Dining/Kitchen	2.0%	0.68	1.61	135.63	0.67	39.9	0.6%	Pass
								2.0%	
								0.6%	

Appendix 2 - Average Daylight Factor (ADF)
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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 616 (lower)	Living/Dining/Kitchen	2.0%	0.68	0.57	135.63	0.67	37.8	0.1%	Pass	
Window 616 (upper)			0.68	1.1	135.63	0.67	29.4	0.3%		
Total ADF for room								2.8%		
Window 617 (lower)			0.68	1.75	133.83	0.67	62.3	0.4%		
Window 617 (upper)	Living/Dining/Kitchen	2.0%	0.68	3.34	133.83	0.67	44.0	1.4%	Pass	
Window 618 (lower)			0.68	0.84	133.83	0.67	52.8	0.2%		
Window 618 (upper)			0.68	1.61	133.83	0.67	39.8	0.6%		
Window 619 (lower)			0.68	0.57	133.83	0.67	37.6	0.1%		
Window 619 (upper)	Living/Dining/Kitchen	2.0%	0.68	1.1	133.83	0.67	29.2	0.3%	Pass	
Total ADF for room								2.9%		
Window 620 (lower)			0.68	1.75	119.79	0.67	62.5	0.4%		
Window 620 (upper)			0.68	3.34	119.79	0.67	44.2	1.5%		
Window 621 (lower)	Living/Dining/Kitchen	2.0%	0.68	0.84	119.79	0.67	53.3	0.2%	Pass	
Window 621 (upper)			0.68	1.61	119.79	0.67	40.2	0.7%		
Total ADF for room								2.8%		
Window 622 (lower)			0.68	0.57	60.73	0.69	37.6	0.2%		
Window 622 (upper)	Bedroom	1.0%	0.68	1.1	60.73	0.69	29.4	0.7%	Pass	
Window 623 (lower)			0.68	0.84	60.73	0.69	83.0	0.6%		
Window 623 (upper)			0.68	1.61	60.73	0.69	83.1	2.8%		
Total ADF for room								4.3%		
Window 624 (lower)	Bedroom	1.0%	0.68	1.68	64.72	0.68	89.3	1.2%	Pass	
Window 624 (upper)			0.68	3.22	64.72	0.68	89.2	5.6%		
Total ADF for room								6.8%		
Window 625 (lower)			0.68	1.68	120.91	0.65	89.3	0.6%		
Window 625 (upper)	Bedroom	1.0%	0.68	3.22	120.91	0.65	89.2	2.8%	Pass	
Window 626 (lower)			0.68	0.84	120.91	0.65	89.0	0.3%		
Window 626 (upper)			0.68	1.61	120.91	0.65	88.9	1.4%		
Window 627 (lower)			0.68	1.75	120.91	0.65	60.8	0.4%		
Window 627 (upper)			0.68	3.34	120.91	0.65	45.8	1.5%		

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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	Living/Dining/Kitchen	2.0%						6.9%	Pass
Window 628 (lower)			0.68	0.84	60.03	0.71	71.6	0.6%	
Window 628 (upper)			0.68	1.61	60.03	0.71	53.8	2.0%	
Total ADF for room	Bedroom	1.0%						2.6%	Pass
Window 629 (lower)			0.68	0.84	62.13	0.71	84.8	0.6%	
Window 629 (upper)			0.68	1.61	62.13	0.71	85.5	3.0%	
Total ADF for room	Bedroom	1.0%						3.6%	Pass
Window 630 (lower)			0.68	0.84	62.19	0.71	72.4	0.5%	
Window 630 (upper)			0.68	1.61	62.19	0.71	52.5	1.9%	
Total ADF for room	Bedroom	1.0%						2.4%	Pass
Window 631 (lower)			0.68	1.75	159.21	0.68	74.3	0.4%	
Window 631 (upper)			0.68	3.34	159.21	0.68	54.9	1.4%	
Window 632 (lower)			0.68	1.75	159.21	0.68	86.9	0.5%	
Window 632 (upper)			0.68	3.34	159.21	0.68	87.9	2.3%	
Total ADF for room	Living/Dining/Kitchen	2.0%						4.6%	Pass
Window 633 (lower)			0.68	0.84	72.85	0.71	86.2	0.6%	
Window 633 (upper)			0.68	1.61	72.85	0.71	87.4	2.7%	
Total ADF for room	Bedroom	1.0%						3.3%	Pass
Window 634 (lower)			0.68	0.84	113.05	0.64	70.9	0.2%	
Window 634 (upper)			0.68	1.61	113.05	0.64	71.9	1.2%	
Window 635 (lower)			0.68	1.75	113.05	0.64	85.3	0.6%	
Window 635 (upper)			0.68	3.34	113.05	0.64	86.7	3.0%	
Window 636 (lower)			0.68	1.75	113.05	0.64	61.3	0.4%	
Window 636 (upper)			0.68	3.34	113.05	0.64	46.3	1.6%	
Total ADF for room	Living/Dining/Kitchen	2.0%						7.1%	Pass
Window 637 (lower)			0.68	0.84	67.6	0.71	59.5	0.4%	
Window 637 (upper)			0.68	1.61	67.6	0.71	61.2	2.0%	

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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%						2.4%	Pass
Window 638 (lower)			0.68	0.84	58.14	0.71	69.7	0.6%	
Window 638 (upper)			0.68	1.61	58.14	0.71	72.2	2.7%	
Total ADF for room	Bedroom	1.0%						3.3%	Pass
Window 639 (lower)			0.68	0.84	74.6	0.71	78.1	0.5%	
Window 639 (upper)			0.68	1.61	74.6	0.71	80.7	2.4%	
Total ADF for room	Bedroom	1.0%						2.9%	Pass
Window 640 (lower)			0.68	0.84	75.27	0.71	83.3	0.5%	
Window 640 (upper)			0.68	1.61	75.27	0.71	85.6	2.5%	
Total ADF for room	Bedroom	1.0%						3.0%	Pass
Window 641 (lower)			0.68	0.84	54.61	0.71	83.3	0.7%	
Window 641 (upper)			0.68	1.61	54.61	0.71	85.5	3.4%	
Total ADF for room	Bedroom	1.0%						4.1%	Pass
Window 642 (lower)			0.68	0.84	74.67	0.72	52.2	0.3%	
Window 642 (upper)			0.68	1.61	74.67	0.72	39.9	1.2%	
Total ADF for room	Bedroom	1.0%						1.5%	Pass
Window 643 (lower)			0.68	1.38	109.99	0.66	60.5	0.4%	
Window 643 (upper)			0.68	2.63	109.99	0.66	46.9	1.4%	
Window 644 (lower)			0.68	1.74	109.99	0.66	84.7	0.6%	
Window 644 (upper)			0.68	3.33	109.99	0.66	86.8	3.2%	
Total ADF for room	Living/Dining/Kitchen	2.0%						5.6%	Pass
Window 645 (lower)			0.68	1.75	66.5	0.68	77.4	1.0%	
Window 645 (upper)			0.68	3.34	66.5	0.68	86.7	5.5%	
Total ADF for room	Bedroom	1.0%						6.5%	Pass
Window 646 (lower)			0.68	1.75	116.0	0.63	1.1	0.0%	
Window 646 (upper)			0.68	3.34	116.0	0.63	77.3	2.5%	

Appendix 2 - Average Daylight Factor (ADF)
156 West End Lane, London NW6 1SD

Reference	Target ADF based on room use	
	Primary room use	ADF
Window 647 (lower) Window 647 (upper) Window 648 (lower) Window 648 (upper) Total ADF for room	Living/Dining/Kitchen	2.0%
Window 649 (lower) Window 649 (upper) Total ADF for room		
Window 650 (lower) Window 650 (upper) Total ADF for room		
Window 651 (lower) Window 651 (upper) Total ADF for room		
Window 652 (lower) Window 652 (upper) Total ADF for room		
<u>Proposed Fourth Floor East Building</u>		
Window 653 (lower) Window 653 (upper) Window 654 (lower) Window 654 (upper) Total ADF for room	Living/Dining/Kitchen	2.0%
Window 655 (lower) Window 655 (upper) Total ADF for room		

Average Daylight Factor Coefficients					Actual ADF	
T	Aw	A	R	Theta	ADF	Result
0.68	1.75	116.0	0.63	3.1	0.0%	Pass
0.68	3.34	116.0	0.63	85.8	2.8%	
0.68	1.75	116.0	0.63	73.2	0.5%	
0.68	3.34	116.0	0.63	78.6	2.5%	
					8.3%	
0.68	0.84	58.82	0.71	75.4	0.6%	Pass
0.68	1.61	58.82	0.71	78.0	2.9%	
					3.5%	
0.68	0.84	63.18	0.71	75.6	0.6%	Pass
0.68	1.61	63.18	0.71	77.7	2.7%	
					3.3%	
0.68	0.84	62.17	0.71	74.7	0.6%	Pass
0.68	1.61	62.17	0.71	76.9	2.7%	
					3.3%	
0.68	0.84	60.6	0.71	60.4	0.4%	Pass
0.68	1.61	60.6	0.71	43.7	1.6%	
					2.0%	
0.68	1.8	125.34	0.64	81.4	0.6%	Pass
0.68	3.45	125.34	0.64	83.0	2.6%	
0.68	2.59	125.34	0.64	89.3	0.8%	
0.68	4.95	125.34	0.64	89.2	4.1%	
					8.1%	
0.68	0.84	72.16	0.71	89.1	0.6%	Pass
0.68	1.61	72.16	0.71	89.0	2.8%	
					3.4%	

Appendix 2 - Average Daylight Factor (ADF)
156 West End Lane, London NW6 1SD

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 656 (lower) Window 656 (upper) Total ADF for room	Living/Dining/Kitchen	2.0%	0.68	1.75	149.4	0.7	67.7	0.4%	Pass
			0.68	3.34	149.4	0.7	52.6	1.6%	
								2.0%	
Window 657 (lower) Window 657 (upper) Window 658 (lower) Window 658 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	82.57	0.7	57.1	0.3%	Pass
			0.68	1.61	82.57	0.7	45.5	1.2%	
			0.68	0.57	82.57	0.7	41.3	0.2%	
			0.68	1.09	82.57	0.7	34.4	0.6%	
								2.3%	
Window 659 (lower) Window 659 (upper) Total ADF for room	Living/Dining/Kitchen	2.0%	0.68	1.75	131.47	0.69	67.0	0.5%	Pass
			0.68	3.34	131.47	0.69	51.8	1.7%	
								2.2%	
Window 660 (lower) Window 660 (upper) Window 661 (lower) Window 661 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	80.02	0.7	55.4	0.3%	Pass
			0.68	1.61	80.02	0.7	43.9	1.2%	
			0.68	0.57	80.02	0.7	40.8	0.2%	
			0.68	1.09	80.02	0.7	33.8	0.6%	
								2.3%	
Window 662 (lower) Window 662 (upper) Window 663 (lower) Window 663 (upper) Window 664 (lower) Window 664 (upper) Total ADF for room	Living/Dining/Kitchen	2.0%	0.68	1.75	135.63	0.67	67.6	0.4%	Pass
			0.68	3.34	135.63	0.67	52.6	1.6%	
			0.68	0.84	135.63	0.67	56.3	0.2%	
			0.68	1.61	135.63	0.67	44.9	0.7%	
			0.68	0.57	135.63	0.67	41.4	0.1%	
			0.68	1.1	135.63	0.67	34.5	0.3%	
								3.3%	
Window 665 (lower) Window 665 (upper) Window 666 (lower) Window 666 (upper) Window 667 (lower) Window 667 (upper)	Living/Dining/Kitchen	2.0%	0.68	1.75	133.83	0.67	67.5	0.4%	Pass
			0.68	3.34	133.83	0.67	52.5	1.6%	
			0.68	0.84	133.83	0.67	55.9	0.2%	
			0.68	1.61	133.83	0.67	44.6	0.7%	
			0.68	0.57	133.83	0.67	41.1	0.1%	
			0.68	1.1	133.83	0.67	34.3	0.3%	

Appendix 2 - Average Daylight Factor (ADF)
156 West End Lane, London NW6 1SD

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	Living/Dining/Kitchen	2.0%						3.3%	Pass
Window 668 (lower)			0.68	1.75	119.79	0.67	67.6	0.5%	
Window 668 (upper)			0.68	3.34	119.79	0.67	52.6	1.8%	
Window 669 (lower)			0.68	0.84	119.79	0.67	56.3	0.2%	
Window 669 (upper)			0.68	1.61	119.79	0.67	44.9	0.7%	
Total ADF for room	Living/Dining/Kitchen	2.0%						3.2%	Pass
Window 670 (lower)			0.68	0.57	60.73	0.69	41.1	0.2%	
Window 670 (upper)			0.68	1.1	60.73	0.69	34.3	0.8%	
Window 671 (lower)			0.68	0.84	60.73	0.69	83.4	0.6%	
Window 671 (upper)			0.68	1.61	60.73	0.69	83.5	2.9%	
Total ADF for room	Bedroom	1.0%						4.5%	Pass
Window 672 (lower)			0.68	1.68	64.72	0.68	89.5	1.2%	
Window 672 (upper)			0.68	3.22	64.72	0.68	89.3	5.6%	
Total ADF for room	Bedroom	1.0%						6.8%	Pass
Window 673 (lower)			0.68	1.68	120.91	0.65	89.5	0.6%	
Window 673 (upper)			0.68	3.22	120.91	0.65	89.3	2.8%	
Window 674 (lower)			0.68	0.84	120.91	0.65	89.1	0.3%	
Window 674 (upper)			0.68	1.61	120.91	0.65	89.0	1.4%	
Window 675 (lower)			0.68	1.75	120.91	0.65	79.2	0.5%	
Window 675 (upper)			0.68	3.34	120.91	0.65	75.4	2.4%	
Total ADF for room	Living/Dining/Kitchen	2.0%						8.0%	Pass
Window 676 (lower)			0.68	0.84	60.03	0.71	89.1	0.7%	
Window 676 (upper)			0.68	1.61	60.03	0.71	89.0	3.2%	
Total ADF for room	Bedroom	1.0%						3.9%	Pass
Window 677 (lower)			0.68	0.84	62.13	0.71	89.1	0.6%	
Window 677 (upper)			0.68	1.61	62.13	0.71	89.0	3.1%	
Total ADF for room	Bedroom	1.0%						3.7%	Pass

Appendix 2 - Average Daylight Factor (ADF)
156 West End Lane, London NW6 1SD

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 678 (lower) Window 678 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	62.19	0.71	89.1	0.7%	Pass
			0.68	1.61	62.19	0.71	89.0	3.2%	
								3.9%	
Window 679 (lower) Window 679 (upper) Window 680 (lower) Window 680 (upper) Total ADF for room	Living/Dining/Kitchen	2.0%	0.68	1.75	159.21	0.69	89.5	0.5%	Pass
			0.68	3.34	159.21	0.69	89.4	2.4%	
			0.68	0.84	159.21	0.69	88.8	0.2%	
			0.68	1.61	159.21	0.69	88.8	1.2%	
								4.4%	
Window 681 (lower) Window 681 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	72.85	0.71	88.7	0.6%	Pass
			0.68	1.61	72.85	0.71	88.9	2.7%	
								3.3%	
Window 682 (lower) Window 682 (upper) Window 683 (lower) Window 683 (upper) Window 684 (lower) Window 684 (upper) Total ADF for room	Living/Dining/Kitchen	2.0%	0.68	0.84	113.05	0.66	73.2	0.3%	Pass
			0.68	1.61	113.05	0.66	74.2	1.3%	
			0.68	0.84	113.05	0.66	88.3	0.3%	
			0.68	1.61	113.05	0.66	88.6	1.5%	
			0.68	1.75	113.05	0.66	80.6	0.6%	
			0.68	3.34	113.05	0.66	84.3	3.0%	
								7.0%	
Window 685 (lower) Window 685 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	67.6	0.71	72.8	0.5%	Pass
			0.68	1.61	67.6	0.71	78.8	2.6%	
								3.1%	
Window 686 (lower) Window 686 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	58.14	0.71	78.6	0.6%	Pass
			0.68	1.61	58.14	0.71	84.3	3.2%	
								3.8%	
Window 687 (lower) Window 687 (upper) Total ADF for room	Bedroom	1.0%	0.68	1.75	74.6	0.69	86.9	1.0%	Pass
			0.68	3.34	74.6	0.69	90.2	5.2%	
								6.2%	

Appendix 2 - Average Daylight Factor (ADF)
156 West End Lane, London NW6 1SD

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 688 (lower) Window 688 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	75.27	0.71	89.2	0.6%	Pass
			0.68	1.61	75.27	0.71	91.3	2.7%	
								3.3%	
Window 689 (lower) Window 689 (upper) Total ADF for room	Bedroom	1.0%	0.68	1.75	54.61	0.68	88.6	1.4%	Pass
			0.68	3.34	54.61	0.68	90.4	6.9%	
								8.3%	
Window 690 (lower) Window 690 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	74.67	0.72	68.1	0.4%	Pass
			0.68	1.61	74.67	0.72	70.6	2.1%	
								2.5%	
Window 691 (lower) Window 691 (upper) Window 692 (lower) Window 692 (upper) Total ADF for room	Living/Dining/Kitchen	2.0%	0.68	1.75	109.99	0.67	78.3	0.6%	Pass
			0.68	3.34	109.99	0.67	81.5	3.1%	
			0.68	0.84	109.99	0.67	88.4	0.3%	
			0.68	1.61	109.99	0.67	88.8	1.6%	
								5.6%	
Window 693 (lower) Window 693 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	66.5	0.71	88.3	0.6%	Pass
			0.68	1.6	66.5	0.71	88.7	2.9%	
								3.5%	
Window 694 (lower) Window 694 (upper) Window 695 (lower) Window 695 (upper) Window 696 (lower) Window 696 (upper) Total ADF for room	Living/Dining/Kitchen	2.0%	0.68	0.84	116.0	0.66	80.9	0.3%	Pass
			0.68	1.61	116.0	0.66	82.9	1.4%	
			0.68	0.84	116.0	0.66	87.7	0.3%	
			0.68	1.61	116.0	0.66	88.2	1.5%	
			0.68	1.75	116.0	0.66	81.5	0.6%	
			0.68	3.34	116.0	0.66	83.1	2.9%	
Window 697 (lower) Window 697 (upper) Total ADF for room	Bedroom	1.0%	0.68	0.84	58.82	0.71	80.9	0.6%	Pass
			0.68	1.61	58.82	0.71	82.6	3.1%	
								3.7%	

Appendix 2 - Average Daylight Factor (ADF)
156 West End Lane, London NW6 1SD

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 698 (lower)	Bedroom	1.0%	0.68	0.84	63.18	0.71	80.7	0.6%	Pass
Window 698 (upper)			0.68	1.61	63.18	0.71	82.4	2.9%	
Total ADF for room									
Window 699 (lower)	Bedroom	1.0%	0.68	0.84	62.17	0.71	80.6	0.6%	Pass
Window 699 (upper)			0.68	1.61	62.17	0.71	82.3	2.9%	
Total ADF for room									
Window 700 (lower)	Bedroom	1.0%	0.68	0.84	60.6	0.71	80.8	0.6%	Pass
Window 700 (upper)			0.68	1.61	60.6	0.71	82.5	3.0%	
Total ADF for room									
Proposed Fifth Floor East Building									
Window 701 (lower)	Living/Dining/Kitchen	2.0%	0.68	1.75	130.52	0.63	85.5	0.5%	Pass
Window 701 (upper)			0.68	3.34	130.52	0.63	86.8	2.5%	
Window 702 (lower)			0.68	3.3	130.52	0.63	89.4	1.0%	
Window 702 (upper)			0.68	6.3	130.52	0.63	89.4	4.9%	
Total ADF for room								9.0%	
Window 703 (lower)	Bedroom	1.0%	0.68	0.84	59.87	0.71	85.1	0.6%	Pass
Window 703 (upper)			0.68	1.61	59.87	0.71	88.4	3.2%	
Total ADF for room									
Window 704 (lower)	Bedroom	1.0%	0.68	1.73	55.74	0.68	88.8	1.4%	Pass
Window 704 (upper)			0.68	3.3	55.74	0.68	89.3	6.7%	
Total ADF for room									
Window 705 (lower)	Living/Dining/Kitchen	2.0%	0.68	3.43	125.22	0.66	89.5	1.2%	Pass
Window 705 (upper)			0.68	6.56	125.22	0.66	89.4	5.6%	
Total ADF for room									
Window 706 (lower)			0.68	1.74	71.32	0.69	88.8	1.1%	
Window 706 (upper)			0.68	3.34	71.32	0.69	89.3	5.5%	

Appendix 2 - Average Daylight Factor (ADF)
156 West End Lane, London NW6 1SD

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%						6.6%	Pass
Window 707 (lower)			0.68	2.58	144.87	0.64	89.3	0.7%	
Window 707 (upper)			0.68	4.94	144.87	0.64	89.4	3.5%	
Window 708 (lower)			0.68	2.59	144.87	0.64	87.6	0.7%	
Window 708 (upper)			0.68	4.95	144.87	0.64	89.3	3.5%	
Total ADF for room	Living/Dining/Kitchen	2.0%						8.4%	Pass
Window 709 (lower)			0.68	1.75	76.98	0.69	86.9	1.0%	
Window 709 (upper)			0.68	3.34	76.98	0.69	89.2	5.0%	
Total ADF for room	Bedroom	1.0%						6.0%	Pass
Window 710 (lower)			0.68	0.77	59.29	0.65	80.2	0.5%	
Window 710 (upper)			0.68	1.46	59.29	0.65	84.5	2.5%	
Window 711 (lower)			0.68	1.75	59.29	0.65	89.2	1.2%	
Window 711 (upper)			0.68	3.34	59.29	0.65	89.1	5.9%	
Total ADF for room	Bedroom	1.0%						10.1%	Pass
Window 712 (lower)			0.68	1.75	67.12	0.69	89.2	1.2%	
Window 712 (upper)			0.68	3.34	67.12	0.69	89.1	5.7%	
Total ADF for room	Bedroom	1.0%						6.9%	Pass
Window 713 (lower)			0.68	0.84	140.27	0.64	88.8	0.2%	
Window 713 (upper)			0.68	1.61	140.27	0.64	88.8	1.2%	
Window 714 (lower)			0.68	2.59	140.27	0.64	89.1	0.8%	
Window 714 (upper)			0.68	4.95	140.27	0.64	89.1	3.6%	
Window 715 (lower)			0.68	1.75	140.27	0.64	85.4	0.5%	
Window 715 (upper)			0.68	3.34	140.27	0.64	86.7	2.4%	
Total ADF for room	Living/Dining/Kitchen	2.0%						8.7%	Pass
Window 716 (lower)			0.68	1.75	63.74	0.68	85.3	1.2%	
Window 716 (upper)			0.68	3.34	63.74	0.68	86.7	5.8%	
Total ADF for room	Bedroom	1.0%						7.0%	Pass

Appendix 2 - Average Daylight Factor (ADF)
156 West End Lane, London NW6 1SD

Reference
Window 717 (lower)
Window 717 (upper)
Total ADF for room

Target ADF based on room use	
Primary room use	ADF
Bedroom	1.0%

Average Daylight Factor Coefficients					
T	Aw	A	R	Theta	
0.68	1.75	58.45	0.68	85.3	
0.68	3.34	58.45	0.68	86.7	

Actual ADF	
ADF	Result
1.3%	
6.2%	
7.5%	Pass

Appendix 2 - Room Depth Calculation
156 West End Lane, London NW6 1SD

Room	Room Depth Coefficients				Room Depth Calculation			Result
	L	W	H	Rb	L/W + L/H	<=	2/1-Rb	
<u>Proposed Ground Floor West Building</u>								
Window 1	6.5	3.9	3.0	0.7	3.83	<=	6.66	Pass
Window 2	5.8	2.8	3.0	0.72	4.0	<=	7.13	Pass
Window 3	6.5	3.9	3.0	0.7	3.83	<=	6.66	Pass
Window 4	5.8	2.7	3.0	0.72	4.08	<=	7.14	Pass
<u>Proposed First Floor West Building</u>								
Window 5	3.4	4.7	2.5	0.64	2.08	<=	5.58	Pass
Window 6	3.4	4.7	2.5	0.64	2.08	<=	5.58	Pass
Window 7	4.7	3.4	2.5	0.64	3.26	<=	5.58	Pass
Window 8	5.5	4.7	2.5	0.67	3.37	<=	6.07	Pass
Window 9	5.5	4.7	2.5	0.67	3.37	<=	6.07	Pass
Window 10	6.0	2.7	2.5	0.69	4.62	<=	6.56	Pass
Window 11	2.0	6.0	2.5	0.69	1.13	<=	6.56	Pass
Window 12	4.7	4.0	2.5	0.66	3.06	<=	5.93	Pass
Window 13	4.7	4.0	2.5	0.66	3.06	<=	5.93	Pass
Window 14	5.9	2.7	2.5	0.69	4.55	<=	6.55	Pass
Window 15	1.9	5.9	2.5	0.69	1.08	<=	6.55	Pass
Window 16	4.6	4.0	2.5	0.66	2.99	<=	5.92	Pass
Window 17	4.6	4.0	2.5	0.66	2.99	<=	5.92	Pass
Window 18	8.7	4.3	2.5	0.67	5.5	<=	6.14	Pass
Window 19	2.0	8.7	2.5	0.67	1.03	<=	6.14	Pass
Window 20	7.3	4.3	2.5	0.67	4.62	<=	6.14	Pass
Window 21	4.0	3.0	2.5	0.68	2.93	<=	6.23	Pass
Window 22	3.1	6.3	2.5	0.7	1.73	<=	6.65	Pass
Window 23	6.3	3.1	2.5	0.7	4.55	<=	6.65	Pass
Window 26	3.2	3.7	2.5	0.71	2.14	<=	6.8	Pass
Window 27	4.3	3.3	2.5	0.71	3.02	<=	6.96	Pass

Appendix 2 - Room Depth Calculation
156 West End Lane, London NW6 1SD

Room	Room Depth Coefficients				Room Depth Calculation			Result
	L	W	H	Rb	L/W + L/H	<=	2/1-Rb	
Window 63	4.6	4.0	2.5	0.66	2.99	<=	5.91	Pass
Window 64	5.9	2.7	2.5	0.7	4.55	<=	6.58	Pass
Window 65	1.9	5.9	2.5	0.7	1.08	<=	6.58	Pass
Window 66	4.6	4.0	2.5	0.66	2.99	<=	5.92	Pass
Window 67	4.6	4.0	2.5	0.66	2.99	<=	5.92	Pass
Window 68	8.7	4.3	2.5	0.67	5.5	<=	6.14	Pass
Window 69	1.9	8.7	2.5	0.67	0.98	<=	6.14	Pass
Window 70	7.3	4.3	2.5	0.67	4.62	<=	6.14	Pass
Window 71	4.0	3.0	2.5	0.68	2.93	<=	6.23	Pass
Window 72	3.1	6.3	2.5	0.7	1.73	<=	6.64	Pass
Window 73	6.3	3.1	2.5	0.7	4.55	<=	6.64	Pass
Window 76	3.2	3.7	2.5	0.71	2.14	<=	6.8	Pass
Window 77	4.3	3.3	2.5	0.71	3.02	<=	6.95	Pass
Window 78	6.5	4.8	2.5	0.67	3.95	<=	6.09	Pass
Window 79	3.2	3.6	2.5	0.71	2.17	<=	6.8	Pass
Window 80	4.3	3.3	2.5	0.71	3.02	<=	6.97	Pass
Window 81	6.5	4.3	2.5	0.67	4.11	<=	6.13	Pass
Window 82	3.6	3.4	2.5	0.71	2.5	<=	6.79	Pass
Window 83	4.3	6.4	2.5	0.63	2.39	<=	5.37	Pass
Window 89a	6.1	2.9	2.5	0.72	4.54	<=	7.2	Pass
Window 90	5.7	6.1	2.5	0.7	3.21	<=	6.56	Pass
Window 91	4.4	2.5	2.5	0.71	3.52	<=	6.91	Pass
Window 92	4.6	3.7	2.5	0.69	3.08	<=	6.36	Pass
Window 93	4.5	2.8	2.5	0.68	3.41	<=	6.26	Pass
Window 94	8.7	3.4	2.5	0.68	6.04	<=	6.27	Pass
Window 95	5.8	3.1	2.5	0.69	4.19	<=	6.41	Pass
Window 96	8.7	6.1	2.5	0.68	4.91	<=	6.29	Pass
Window 97	8.7	6.1	2.5	0.68	4.91	<=	6.29	Pass
Window 98	8.7	6.1	2.5	0.68	4.91	<=	6.29	Pass

Appendix 2 - Room Depth Calculation
156 West End Lane, London NW6 1SD

Room	Room Depth Coefficients				Room Depth Calculation		Result
	L	W	H	Rb	L/W + L/H	<= 2/1-Rb	
Window 99	3.2	2.8	2.5	0.67	2.42	<=	Pass
Window 100	4.4	2.8	2.5	0.68	3.33	<=	Pass
Window 101	3.2	2.7	2.5	0.67	2.47	<=	Pass
Window 102	4.4	2.8	2.5	0.68	3.33	<=	Pass
Window 103	4.5	3.1	2.5	0.69	3.25	<=	Pass
Window 104	4.1	3.2	2.5	0.69	2.92	<=	Pass
Window 105	3.7	3.2	2.5	0.69	2.64	<=	Pass
Window 106	2.8	2.8	2.5	0.68	2.12	<=	Pass
Window 107	3.7	3.2	2.5	0.69	2.64	<=	Pass
Window 108	2.8	2.8	2.5	0.68	2.12	<=	Pass
Window 109	4.0	3.5	2.5	0.69	2.74	<=	Pass
Window 110	3.3	3.3	2.5	0.69	2.32	<=	Pass
Window 111	6.4	6.4	2.5	0.67	3.56	<=	Pass
Window 112	6.4	6.4	2.5	0.67	3.56	<=	Pass
Window 113	6.4	6.4	2.5	0.67	3.56	<=	Pass
Window 114	6.4	6.4	2.5	0.67	3.56	<=	Pass
Window 115	3.6	2.5	2.5	0.7	2.88	<=	Pass
Window 116	5.0	3.1	2.5	0.68	3.61	<=	Pass
Window 117	6.1	4.0	2.5	0.67	3.97	<=	Pass
Window 118	6.1	4.0	2.5	0.67	3.97	<=	Pass
Window 119	3.6	6.1	2.5	0.67	2.03	<=	Pass
Window 120	4.1	3.2	2.5	0.68	2.92	<=	Pass
Window 121	6.1	4.0	2.5	0.67	3.97	<=	Pass
Window 122	6.1	4.0	2.5	0.67	3.97	<=	Pass
Window 123	3.5	6.1	2.5	0.67	1.97	<=	Pass
Window 124	4.1	3.2	2.5	0.66	2.92	<=	Pass
Window 125	6.5	4.4	2.5	0.67	4.08	<=	Pass
Window 126	6.5	4.4	2.5	0.67	4.08	<=	Pass
Window 127	4.2	6.5	2.5	0.67	2.33	<=	Pass

Appendix 2 - Room Depth Calculation
156 West End Lane, London NW6 1SD

Room
Window 128
Window 129
Window 130
Window 131
Window 132
<u>Proposed Third Floor West Building</u>
Window 136
Window 137
Window 138
Window 139
Window 140
Window 141
Window 142
Window 143
Window 144
Window 145
Window 146
Window 147
Window 148
Window 149
Window 150
Window 151
Window 152
Window 153
Window 154
Window 158
Window 159
Window 160

Room Depth Coefficients				
L	W	H	Rb	
4.5	3.3	2.5	0.67	
4.8	3.3	2.5	0.68	
4.8	3.3	2.5	0.68	
4.0	3.5	2.5	0.68	
4.0	3.5	2.5	0.68	
3.4	4.8	2.5	0.64	
3.4	4.8	2.5	0.64	
4.8	3.4	2.5	0.64	
5.6	4.7	2.5	0.67	
5.6	4.7	2.5	0.67	
5.9	2.7	2.5	0.69	
1.9	5.9	2.5	0.69	
4.6	4.0	2.5	0.66	
4.6	4.0	2.5	0.66	
5.9	2.7	2.5	0.69	
1.9	5.9	2.5	0.69	
4.6	4.0	2.5	0.66	
4.6	4.0	2.5	0.66	
8.7	4.3	2.5	0.68	
1.9	8.7	2.5	0.68	
7.3	4.3	2.5	0.68	
4.0	3.0	2.5	0.68	
3.1	6.3	2.5	0.7	
6.3	3.1	2.5	0.7	
3.2	3.6	2.5	0.71	
4.3	3.3	2.5	0.71	
6.5	4.1	2.5	0.67	

Room Depth Calculation			Result
L/W + L/H	<=	2/1-Rb	
3.16	<=	6.03	Pass
3.37	<=	6.32	Pass
3.37	<=	6.32	Pass
2.74	<=	6.24	Pass
2.74	<=	6.24	Pass
2.07	<=	5.57	Pass
2.07	<=	5.57	Pass
3.33	<=	5.57	Pass
3.43	<=	6.05	Pass
3.43	<=	6.05	Pass
4.55	<=	6.55	Pass
1.08	<=	6.55	Pass
2.99	<=	5.92	Pass
2.99	<=	5.92	Pass
4.55	<=	6.55	Pass
1.08	<=	6.55	Pass
2.99	<=	5.92	Pass
2.99	<=	5.92	Pass
5.5	<=	6.15	Pass
0.98	<=	6.15	Pass
4.62	<=	6.15	Pass
2.93	<=	6.25	Pass
1.73	<=	6.63	Pass
4.55	<=	6.63	Pass
2.17	<=	6.8	Pass
3.02	<=	6.96	Pass
4.19	<=	6.15	Pass

Appendix 2 - Room Depth Calculation
156 West End Lane, London NW6 1SD

Room	Room Depth Coefficients				Room Depth Calculation			Result
	L	W	H	Rb	L/W + L/H	<=	2/1-Rb	
Window 161	3.6	3.7	2.5	0.71	2.41	<=	6.78	Pass
Window 162	4.3	3.3	2.5	0.71	3.02	<=	6.97	Pass
Window 163	3.2	3.6	2.5	0.71	2.17	<=	6.8	Pass
Window 167a	4.4	2.7	2.5	0.71	3.39	<=	6.83	Pass
Window 170	4.1	6.5	2.5	0.63	2.27	<=	5.33	Pass
Window 171	8.7	3.0	2.5	0.7	6.38	<=	6.58	Pass
Window 172	4.7	2.7	2.5	0.71	3.62	<=	6.88	Pass
Window 173	4.9	2.7	2.5	0.68	3.77	<=	6.27	Pass
Window 173a	3.2	2.8	2.5	0.67	2.42	<=	6.07	Pass
Window 174	3.3	2.8	2.5	0.67	2.5	<=	6.07	Pass
Window 175	4.4	2.8	2.5	0.68	3.33	<=	6.22	Pass
Window 176	3.2	2.8	2.5	0.67	2.42	<=	6.07	Pass
Window 177	4.4	2.8	2.5	0.68	3.33	<=	6.22	Pass
Window 178	4.5	3.0	2.5	0.69	3.3	<=	6.49	Pass
Window 179	4.1	3.2	2.5	0.69	2.92	<=	6.49	Pass
Window 180	3.7	3.2	2.5	0.69	2.64	<=	6.42	Pass
Window 181	2.8	2.8	2.5	0.68	2.12	<=	6.33	Pass
Window 182	3.7	3.2	2.5	0.69	2.64	<=	6.42	Pass
Window 183	2.8	2.8	2.5	0.68	2.12	<=	6.33	Pass
Window 184	4.0	3.5	2.5	0.69	2.74	<=	6.52	Pass
Window 185	3.3	3.3	2.5	0.69	2.32	<=	6.37	Pass
Window 186	6.4	6.4	2.5	0.67	3.56	<=	6.08	Pass
Window 187	6.4	6.4	2.5	0.67	3.56	<=	6.08	Pass
Window 188	6.4	6.4	2.5	0.67	3.56	<=	6.08	Pass
Window 189	6.4	6.4	2.5	0.67	3.56	<=	6.08	Pass
Window 190	3.6	2.5	2.5	0.7	2.88	<=	6.68	Pass
Window 191	5.0	3.1	2.5	0.68	3.61	<=	6.29	Pass
Window 192	6.1	4.0	2.5	0.67	3.97	<=	6.12	Pass
Window 193	6.1	4.0	2.5	0.67	3.97	<=	6.12	Pass

Appendix 2 - Room Depth Calculation
156 West End Lane, London NW6 1SD

Room
Window 194
Window 195
Window 196
Window 197
Window 198
Window 199
Window 200
Window 201
Window 202
Window 203
Window 204
Window 205
Window 206
Window 207
Window 208
<u>Proposed Fourth Floor West Building</u>
Window 212
Window 213
Window 214
Window 215
Window 216
Window 217
Window 218
Window 219
Window 220
Window 221
Window 222
Window 223

Room Depth Coefficients				
L	W	H	Rb	
3.5	6.1	2.5	0.67	
4.1	3.2	2.5	0.68	
6.1	4.0	2.5	0.67	
6.1	4.0	2.5	0.67	
3.5	6.1	2.5	0.67	
4.1	3.2	2.5	0.67	
6.5	4.4	2.5	0.67	
6.5	4.4	2.5	0.67	
4.2	6.5	2.5	0.67	
4.5	3.3	2.5	0.67	
4.8	3.3	2.5	0.66	
4.8	3.3	2.5	0.66	
3.3	4.8	2.5	0.66	
4.0	3.5	2.5	0.68	
4.0	3.5	2.5	0.68	
3.4	4.8	2.5	0.64	
3.4	4.8	2.5	0.64	
4.8	3.4	2.5	0.64	
5.6	4.7	2.5	0.67	
5.6	4.7	2.5	0.67	
5.9	2.7	2.5	0.69	
2.0	5.9	2.5	0.69	
4.6	4.0	2.5	0.66	
4.6	4.0	2.5	0.66	
5.9	2.6	2.5	0.69	
1.9	5.9	2.5	0.69	
4.6	4.0	2.5	0.66	

Room Depth Calculation			Result
L/W + L/H	<=	2/1-Rb	
1.97	<=	6.12	Pass
2.92	<=	6.21	Pass
3.97	<=	6.13	Pass
3.97	<=	6.13	Pass
1.97	<=	6.13	Pass
2.92	<=	6.08	Pass
4.08	<=	6.14	Pass
4.08	<=	6.14	Pass
2.33	<=	6.14	Pass
3.16	<=	6.02	Pass
3.37	<=	5.97	Pass
3.37	<=	5.97	Pass
2.01	<=	5.97	Pass
2.74	<=	6.24	Pass
2.74	<=	6.24	Pass
2.07	<=	5.57	Pass
2.07	<=	5.57	Pass
3.33	<=	5.57	Pass
3.43	<=	6.06	Pass
3.43	<=	6.06	Pass
4.55	<=	6.56	Pass
1.14	<=	6.56	Pass
2.99	<=	5.92	Pass
2.99	<=	5.92	Pass
4.63	<=	6.55	Pass
1.08	<=	6.55	Pass
2.99	<=	5.92	Pass

Appendix 2 - Room Depth Calculation
156 West End Lane, London NW6 1SD

Room	Room Depth Coefficients				Room Depth Calculation			Result
	L	W	H	Rb	L/W + L/H	<=	2/1-Rb	
Window 224	4.6	4.0	2.5	0.66	2.99	<=	5.92	Pass
Window 225	8.7	4.3	2.5	0.67	5.5	<=	6.14	Pass
Window 226	2.0	8.7	2.5	0.67	1.03	<=	6.14	Pass
Window 227	7.3	4.3	2.5	0.67	4.62	<=	6.14	Pass
Window 228	4.0	3.0	2.5	0.68	2.93	<=	6.23	Pass
Window 229	3.1	6.3	2.5	0.7	1.73	<=	6.63	Pass
Window 230	6.3	3.1	2.5	0.7	4.55	<=	6.63	Pass
Window 234	3.2	3.6	2.5	0.71	2.17	<=	6.8	Pass
Window 235	4.3	3.3	2.5	0.71	3.02	<=	6.97	Pass
Window 236	6.5	4.0	2.5	0.67	4.23	<=	6.14	Pass
Window 237	3.6	3.6	2.5	0.71	2.44	<=	6.79	Pass
Window 238	4.3	3.2	2.5	0.71	3.06	<=	6.96	Pass
Window 239	3.2	3.6	2.5	0.71	2.17	<=	6.8	Pass
Window 244	4.4	2.7	2.5	0.71	3.39	<=	6.83	Pass
Window 247	4.1	6.5	2.5	0.66	2.27	<=	5.85	Pass
Window 248	8.7	3.0	2.5	0.7	6.38	<=	6.58	Pass
Window 249	4.7	2.7	2.5	0.71	3.62	<=	6.88	Pass
Window 250	4.9	2.7	2.5	0.68	3.77	<=	6.27	Pass
Window 251	8.7	3.3	2.5	0.7	6.12	<=	6.57	Pass
Window 252	3.2	2.8	2.5	0.67	2.42	<=	6.07	Pass
Window 253	4.4	2.8	2.5	0.68	3.33	<=	6.22	Pass
Window 254	3.2	2.7	2.5	0.67	2.47	<=	6.07	Pass
Window 255	4.4	2.8	2.5	0.68	3.33	<=	6.22	Pass
Window 256	4.7	3.0	2.5	0.69	3.45	<=	6.51	Pass
Window 257	4.3	3.2	2.5	0.68	3.06	<=	6.28	Pass
Window 258	3.9	3.2	2.5	0.69	2.78	<=	6.44	Pass
Window 259	3.0	2.8	2.5	0.69	2.27	<=	6.38	Pass
Window 260	4.7	3.1	2.5	0.69	3.4	<=	6.51	Pass
Window 261	4.3	3.2	2.5	0.69	3.06	<=	6.51	Pass

Appendix 2 - Room Depth Calculation
156 West End Lane, London NW6 1SD

Room
Window 262
Window 263
Window 264
Window 265
Window 266
Window 267
Window 268
Window 269
Window 270
Window 271
Window 272
Window 273
Window 274
Window 275
Window 276
Window 277
Window 278
Window 279
Window 280
Window 281
Window 282
Window 283
Window 284
Window 285
Window 286
<u>Proposed Fifth Floor West Building</u>
Window 290
Window 291

Room Depth Coefficients				
L	W	H	Rb	
3.0	3.5	2.5	0.69	
3.8	3.7	2.5	0.69	
6.4	6.4	2.5	0.67	
6.4	6.4	2.5	0.67	
6.4	6.4	2.5	0.67	
6.4	6.4	2.5	0.67	
3.4	2.4	2.5	0.7	
4.5	2.9	2.5	0.68	
6.5	4.4	2.5	0.67	
6.5	4.4	2.5	0.67	
4.0	6.5	2.5	0.67	
4.7	3.3	2.5	0.69	
6.1	4.0	2.5	0.67	
6.1	4.0	2.5	0.67	
3.5	6.1	2.5	0.67	
4.3	3.2	2.5	0.66	
6.5	4.4	2.5	0.67	
6.5	4.4	2.5	0.67	
4.2	6.5	2.5	0.67	
4.7	3.3	2.5	0.67	
4.8	3.3	2.5	0.66	
4.8	3.3	2.5	0.66	
3.3	4.8	2.5	0.66	
4.1	3.5	2.5	0.68	
4.1	3.5	2.5	0.68	
2.9	4.5	2.5	0.68	
2.9	4.5	2.5	0.68	

Room Depth Calculation			Result
L/W + L/H	<=	2/1-Rb	
2.06	<=	6.42	Pass
2.55	<=	6.44	Pass
3.56	<=	6.08	Pass
3.56	<=	6.08	Pass
3.56	<=	6.08	Pass
3.56	<=	6.08	Pass
2.78	<=	6.67	Pass
3.35	<=	6.24	Pass
4.08	<=	6.15	Pass
4.08	<=	6.15	Pass
2.22	<=	6.15	Pass
3.3	<=	6.35	Pass
3.97	<=	6.13	Pass
3.97	<=	6.13	Pass
1.97	<=	6.13	Pass
3.06	<=	5.92	Pass
4.08	<=	6.14	Pass
4.08	<=	6.14	Pass
2.33	<=	6.14	Pass
3.3	<=	6.03	Pass
3.37	<=	5.97	Pass
3.37	<=	5.97	Pass
2.01	<=	5.97	Pass
2.81	<=	6.29	Pass
2.81	<=	6.29	Pass
1.8	<=	6.27	Pass
1.8	<=	6.27	Pass

Appendix 2 - Room Depth Calculation
156 West End Lane, London NW6 1SD

Room	Room Depth Coefficients				Room Depth Calculation			Result
	L	W	H	Rb	L/W + L/H	<=	2/1-Rb	
Window 328	2.6	3.6	2.5	0.71	1.76	<=	6.83	Pass
Window 329	5.4	5.5	2.5	0.67	3.14	<=	6.12	Pass
Window 330	5.4	5.5	2.5	0.67	3.14	<=	6.12	Pass
Window 331	5.4	5.5	2.5	0.67	3.14	<=	6.12	Pass
Window 332	3.6	2.3	2.5	0.71	3.01	<=	6.82	Pass
Window 333	5.1	2.9	2.9	0.7	3.52	<=	6.6	Pass
Window 334	5.4	4.4	2.5	0.69	3.39	<=	6.4	Pass
Window 335	5.4	4.4	2.5	0.69	3.39	<=	6.4	Pass
Window 336	5.3	3.3	2.9	0.7	3.43	<=	6.74	Pass
Window 337	4.8	4.4	2.5	0.68	3.01	<=	6.35	Pass
Window 338	4.8	4.4	2.5	0.68	3.01	<=	6.35	Pass
Window 339	5.3	3.2	2.9	0.7	3.48	<=	6.71	Pass
Window 340	5.4	4.4	2.5	0.69	3.39	<=	6.4	Pass
Window 341	5.4	4.4	2.5	0.69	3.39	<=	6.4	Pass
Window 342	5.3	3.3	2.9	0.7	3.43	<=	6.74	Pass
Window 343	4.9	3.5	2.5	0.71	3.36	<=	6.86	Pass
Window 344	4.4	2.6	2.9	0.7	3.21	<=	6.62	Pass
<u>Proposed Lower Ground Floor East Building</u>								
Window 348	5.6	6.4	2.5	0.67	3.12	<=	6.06	Pass
Window 349	5.6	6.4	2.5	0.67	3.12	<=	6.06	Pass
Window 351	5.6	6.4	2.5	0.67	3.12	<=	6.06	Pass
Window 352	5.6	6.4	2.5	0.67	3.12	<=	6.06	Pass
Window 354	5.6	6.4	2.5	0.67	3.12	<=	6.06	Pass
Window 355	5.6	6.4	2.5	0.67	3.12	<=	6.06	Pass
Window 357	3.4	4.1	2.5	0.71	2.19	<=	6.9	Pass
Window 358	5.7	4.5	2.5	0.67	3.55	<=	6.06	Pass
Window 359	6.0	5.9	2.5	0.68	3.42	<=	6.25	Pass
Window 360	5.9	6.0	2.5	0.66	3.34	<=	5.88	Pass

Appendix 2 - Room Depth Calculation
156 West End Lane, London NW6 1SD

Room	Room Depth Coefficients				Room Depth Calculation			Result
	L	W	H	Rb	L/W + L/H	<=	2/1-Rb	
Window 361	4.6	3.2	2.5	0.71	3.28	<=	6.9	Pass
Window 362	3.5	3.2	2.5	0.71	2.49	<=	6.9	Pass
Window 363	4.2	8.7	2.5	0.65	2.16	<=	5.71	Pass
Window 367	4.8	3.2	2.5	0.71	3.42	<=	6.9	Pass
Window 368	5.8	4.2	2.5	0.68	3.7	<=	6.25	Pass
Window 370	4.8	3.2	2.5	0.71	3.42	<=	6.9	Pass
Window 371	4.9	2.8	2.5	0.71	3.71	<=	6.9	Pass
Window 372	4.9	2.8	2.5	0.71	3.71	<=	6.9	Pass
Window 373	4.2	2.9	2.5	0.71	3.13	<=	6.9	Pass
Window 374	4.8	2.9	2.5	0.71	3.58	<=	6.9	Pass
Window 376	6.5	4.0	2.5	0.66	4.23	<=	5.88	Pass
Window 377	4.8	2.9	2.5	0.71	3.58	<=	6.9	Pass
<u>Proposed Ground Floor East Building</u>								
Window 385	4.0	3.5	2.5	0.71	2.74	<=	6.9	Pass
Window 386	6.7	5.9	2.5	0.7	3.82	<=	6.67	Pass
Window 387	3.6	3.3	2.5	0.71	2.53	<=	6.9	Pass
Window 388	6.8	3.2	2.5	0.69	4.85	<=	6.45	Pass
Window 389	4.6	3.0	2.5	0.69	3.37	<=	6.45	Pass
Window 390	4.7	6.5	2.5	0.67	2.6	<=	6.06	Pass
Window 391	4.7	6.5	2.5	0.67	2.6	<=	6.06	Pass
Window 392	4.7	6.5	2.5	0.66	2.6	<=	5.88	Pass
Window 393	4.7	6.5	2.5	0.66	2.6	<=	5.88	Pass
Window 394	6.2	8.6	2.5	0.71	3.2	<=	6.9	Pass
Window 395	2.9	4.2	2.5	0.68	1.85	<=	6.25	Pass
Window 396	2.9	4.2	2.5	0.68	1.85	<=	6.25	Pass
Window 397	2.9	4.8	2.5	0.68	1.76	<=	6.25	Pass
Window 398	4.8	2.9	2.5	0.68	3.58	<=	6.25	Pass

Appendix 2 - Room Depth Calculation
156 West End Lane, London NW6 1SD

Room	Room Depth Coefficients				Room Depth Calculation			Result
	L	W	H	Rb	L/W + L/H	<=	2/1-Rb	
Window 401	3.1	3.7	2.5	0.71	2.08	<=	6.9	Pass
Window 402	4.3	2.7	2.5	0.71	3.31	<=	6.9	Pass
Window 403	5.9	4.5	2.5	0.67	3.67	<=	6.06	Pass
Window 404	5.9	4.5	2.5	0.67	3.67	<=	6.06	Pass
Window 405	3.0	3.3	2.5	0.71	2.11	<=	6.9	Pass
Window 406	4.3	2.8	2.5	0.71	3.26	<=	6.9	Pass
Window 411	4.6	3.1	2.5	0.68	3.32	<=	6.25	Pass
Window 412	3.1	4.6	2.5	0.68	1.91	<=	6.25	Pass
Window 413	4.3	2.9	2.5	0.71	3.2	<=	6.9	Pass
Window 417	5.2	2.7	2.5	0.68	4.01	<=	6.25	Pass
Window 418	8.7	3.8	2.5	0.7	5.77	<=	6.67	Pass
Window 419	8.7	3.8	2.5	0.69	5.77	<=	6.45	Pass
Window 420	5.2	2.7	2.5	0.71	4.01	<=	6.9	Pass
Window 421	3.6	3.2	2.5	0.71	2.57	<=	6.9	Pass
Window 422	4.5	4.0	2.5	0.69	2.93	<=	6.45	Pass
Window 423	4.6	4.0	2.5	0.71	2.99	<=	6.9	Pass
Window 424	3.2	3.2	2.5	0.68	2.28	<=	6.25	Pass
Window 425	5.1	2.7	2.5	0.71	3.93	<=	6.9	Pass
Window 426	8.7	3.8	2.5	0.69	5.77	<=	6.45	Pass
Window 427	8.7	3.8	2.5	0.69	5.77	<=	6.45	Pass
Window 428	5.1	2.7	2.5	0.71	3.93	<=	6.9	Pass
Window 433	4.3	2.9	2.5	0.68	3.2	<=	6.25	Pass
Window 434	2.9	4.3	2.5	0.68	1.83	<=	6.25	Pass
Window 435	3.4	3.7	2.5	0.68	2.28	<=	6.25	Pass
Window 436	3.4	3.4	2.5	0.68	2.36	<=	6.25	Pass
Window 437	3.2	3.2	2.5	0.71	2.28	<=	6.9	Pass
Window 438	8.3	9.2	2.5	0.68	4.22	<=	6.25	Pass
Window 439	7.7	9.2	2.5	0.68	3.92	<=	6.25	Pass
Window 440	8.3	9.2	2.5	0.68	4.22	<=	6.25	Pass

Appendix 2 - Room Depth Calculation
156 West End Lane, London NW6 1SD

Room	Room Depth Coefficients				Room Depth Calculation		Result
	L	W	H	Rb	L/W + L/H	<= 2/1-Rb	
Window 441	8.3	9.2	2.5	0.68	4.22	<= 6.25	Pass
Window 442	4.2	3.2	2.5	0.71	2.99	<= 6.9	Pass
Window 443	4.2	3.2	2.5	0.71	2.99	<= 6.9	Pass
Window 444	8.3	9.2	2.5	0.65	4.22	<= 5.71	Pass
Window 445	7.8	9.2	2.5	0.65	3.97	<= 5.71	Pass
Window 446	7.8	9.2	2.5	0.65	3.97	<= 5.71	Pass
Window 447	8.3	9.2	2.5	0.65	4.22	<= 5.71	Pass
Window 448	8.3	9.2	2.5	0.65	4.22	<= 5.71	Pass
Window 449	3.2	3.3	2.5	0.68	2.25	<= 6.25	Pass
Window 450	3.2	3.3	2.5	0.68	2.25	<= 6.25	Pass
Window 451	6.5	5.2	2.5	0.69	3.85	<= 6.45	Pass
Window 452	5.2	2.9	2.5	0.72	3.87	<= 7.14	Pass
<u>Proposed First Floor East Building</u>							
Window 455	4.5	3.9	2.5	0.69	2.95	<= 6.45	Pass
Window 456	3.9	4.5	2.5	0.69	2.43	<= 6.45	Pass
Window 457	7.1	4.5	2.5	0.7	4.42	<= 6.67	Pass
Window 458	5.0	3.0	2.5	0.69	3.67	<= 6.45	Pass
Window 459	1.7	6.2	2.5	0.69	0.95	<= 6.45	Pass
Window 460	6.8	3.2	2.5	0.69	4.85	<= 6.45	Pass
Window 461	5.0	3.0	2.5	0.7	3.67	<= 6.67	Pass
Window 462	1.7	6.3	2.5	0.7	0.95	<= 6.67	Pass
Window 463	5.1	6.5	2.5	0.67	2.82	<= 6.06	Pass
Window 464	5.1	6.5	2.5	0.67	2.82	<= 6.06	Pass
Window 465	1.8	6.3	2.5	0.67	1.01	<= 6.06	Pass
Window 466	5.1	6.5	2.5	0.67	2.82	<= 6.06	Pass
Window 467	5.1	6.5	2.5	0.67	2.82	<= 6.06	Pass
Window 468	1.8	5.4	2.5	0.67	1.05	<= 6.06	Pass

Appendix 2 - Room Depth Calculation
156 West End Lane, London NW6 1SD

Room	Room Depth Coefficients				Room Depth Calculation			Result
	L	W	H	Rb	L/W + L/H	<=	2/1-Rb	
Window 469	6.6	4.6	2.5	0.67	4.07	<=	6.06	Pass
Window 470	6.6	4.6	2.5	0.67	4.07	<=	6.06	Pass
Window 471	2.8	4.0	2.5	0.69	1.82	<=	6.45	Pass
Window 472	4.0	2.9	2.5	0.69	2.98	<=	6.45	Pass
Window 473	4.4	2.8	2.5	0.71	3.33	<=	6.9	Pass
Window 476	3.1	3.7	2.5	0.71	2.08	<=	6.9	Pass
Window 477	4.3	2.7	2.5	0.71	3.31	<=	6.9	Pass
Window 478	5.9	5.0	2.5	0.67	3.54	<=	6.06	Pass
Window 479	5.9	5.0	2.5	0.67	3.54	<=	6.06	Pass
Window 480	3.1	3.7	2.5	0.71	2.08	<=	6.9	Pass
Window 481	4.3	2.7	2.5	0.71	3.31	<=	6.9	Pass
Window 482	6.0	6.2	2.5	0.68	3.37	<=	6.25	Pass
Window 483	6.0	6.2	2.5	0.68	3.37	<=	6.25	Pass
Window 484	4.6	3.1	2.5	0.68	3.32	<=	6.25	Pass
Window 485	3.1	4.6	2.5	0.68	1.91	<=	6.25	Pass
Window 486	4.3	2.9	2.5	0.71	3.2	<=	6.9	Pass
Window 490	5.2	2.7	2.5	0.71	4.01	<=	6.9	Pass
Window 491	8.7	3.8	2.5	0.69	5.77	<=	6.45	Pass
Window 492	8.7	3.8	2.5	0.69	5.77	<=	6.45	Pass
Window 493	5.2	2.7	2.5	0.71	4.01	<=	6.9	Pass
Window 494	3.6	3.2	2.5	0.71	2.57	<=	6.9	Pass
Window 495	4.5	4.0	2.5	0.71	2.93	<=	6.9	Pass
Window 496	4.6	4.0	2.5	0.71	2.99	<=	6.9	Pass
Window 497	3.2	3.2	2.5	0.71	2.28	<=	6.9	Pass
Window 498	5.1	2.7	2.5	0.71	3.93	<=	6.9	Pass
Window 499	8.7	3.8	2.5	0.69	5.77	<=	6.45	Pass
Window 500	8.7	3.8	2.5	0.69	5.77	<=	6.45	Pass
Window 501	5.1	2.7	2.5	0.71	3.93	<=	6.9	Pass
Window 506	4.3	2.9	2.5	0.68	3.2	<=	6.25	Pass

Appendix 2 - Room Depth Calculation
156 West End Lane, London NW6 1SD

Room	Room Depth Coefficients				Room Depth Calculation		Result	
	L	W	H	Rb	LW + L/H	<=		2/1-Rb
Window 507	2.9	4.3	2.5	0.68	1.83	<=	6.25	Pass
Window 508	3.4	3.7	2.5	0.71	2.28	<=	6.9	Pass
Window 509	3.4	3.4	2.5	0.71	2.36	<=	6.9	Pass
Window 510	3.4	3.7	2.5	0.71	2.28	<=	6.9	Pass
Window 511	4.8	2.9	2.5	0.66	3.58	<=	5.88	Pass
Window 512	1.3	4.8	2.5	0.66	0.79	<=	5.88	Pass
Window 513	3.4	2.9	2.5	0.66	2.53	<=	5.88	Pass
Window 514	1.8	5.3	2.5	0.72	1.06	<=	7.14	Pass
Window 515	4.0	3.1	2.5	0.68	2.89	<=	6.25	Pass
Window 516	3.0	4.0	2.5	0.68	1.95	<=	6.25	Pass
Window 517	5.0	9.2	2.5	0.66	2.54	<=	5.88	Pass
Window 518	5.4	9.2	2.5	0.66	2.75	<=	5.88	Pass
Window 519	5.4	9.2	2.5	0.66	2.75	<=	5.88	Pass
Window 520	5.5	9.2	2.5	0.66	2.8	<=	5.88	Pass
Window 521	5.0	9.2	2.5	0.69	2.54	<=	6.45	Pass
Window 522	5.3	9.2	2.5	0.69	2.7	<=	6.45	Pass
Window 523	5.3	9.2	2.5	0.69	2.7	<=	6.45	Pass
Window 524	6.5	4.8	2.5	0.7	3.95	<=	6.67	Pass
Window 525	3.6	3.6	2.5	0.71	2.44	<=	6.9	Pass
Window 526	6.5	4.1	2.5	0.69	4.19	<=	6.45	Pass
Window 527	4.3	2.7	2.5	0.71	3.31	<=	6.9	Pass
Window 528	3.1	3.7	2.5	0.71	2.08	<=	6.9	Pass
Proposed Second Floor East Building								
Window 531	4.5	3.9	2.5	0.7	2.95	<=	6.67	Pass
Window 532	3.9	4.5	2.5	0.7	2.43	<=	6.67	Pass
Window 533	7.1	4.5	2.5	0.7	4.42	<=	6.67	Pass
Window 534	5.0	3.0	2.5	0.7	3.67	<=	6.67	Pass
Window 535	1.7	6.2	2.5	0.7	0.95	<=	6.67	Pass

Appendix 2 - Room Depth Calculation
156 West End Lane, London NW6 1SD

Room	Room Depth Coefficients				Room Depth Calculation			Result
	L	W	H	Rb	L/W + L/H	<=	2/1-Rb	
Window 536	6.8	3.2	2.5	0.69	4.85	<=	6.45	Pass
Window 537	5.0	3.0	2.5	0.7	3.67	<=	6.67	Pass
Window 538	1.7	6.3	2.5	0.7	0.95	<=	6.67	Pass
Window 539	5.1	6.5	2.5	0.67	2.82	<=	6.06	Pass
Window 540	5.1	6.5	2.5	0.67	2.82	<=	6.06	Pass
Window 541	1.8	6.3	2.5	0.67	1.01	<=	6.06	Pass
Window 542	5.1	6.5	2.5	0.67	2.82	<=	6.06	Pass
Window 543	5.1	6.5	2.5	0.67	2.82	<=	6.06	Pass
Window 544	1.8	5.4	2.5	0.67	1.05	<=	6.06	Pass
Window 545	6.6	4.6	2.5	0.67	4.07	<=	6.06	Pass
Window 546	6.6	4.6	2.5	0.67	4.07	<=	6.06	Pass
Window 547	2.8	4.1	2.5	0.69	1.8	<=	6.45	Pass
Window 548	4.1	2.9	2.5	0.69	3.05	<=	6.45	Pass
Window 549	4.4	2.8	2.5	0.71	3.33	<=	6.9	Pass
Window 552	3.1	3.7	2.5	0.71	2.08	<=	6.9	Pass
Window 553	4.3	2.7	2.5	0.71	3.31	<=	6.9	Pass
Window 554	5.9	5.0	2.5	0.67	3.54	<=	6.06	Pass
Window 555	5.9	5.0	2.5	0.67	3.54	<=	6.06	Pass
Window 556	3.1	3.7	2.5	0.71	2.08	<=	6.9	Pass
Window 557	4.3	2.7	2.5	0.71	3.31	<=	6.9	Pass
Window 561	4.3	2.9	2.5	0.71	3.2	<=	6.9	Pass
Window 565	5.2	2.7	2.5	0.71	4.01	<=	6.9	Pass
Window 566	8.7	3.2	2.5	0.68	6.2	<=	6.25	Pass
Window 567	8.7	3.2	2.5	0.68	6.2	<=	6.25	Pass
Window 568	5.2	2.7	2.5	0.71	4.01	<=	6.9	Pass
Window 569	3.6	3.2	2.5	0.71	2.57	<=	6.9	Pass
Window 570	4.5	4.0	2.5	0.69	2.93	<=	6.45	Pass
Window 571	4.6	4.0	2.5	0.71	2.99	<=	6.9	Pass
Window 572	3.2	3.2	2.5	0.68	2.28	<=	6.25	Pass

Appendix 2 - Room Depth Calculation
156 West End Lane, London NW6 1SD

Room
Window 573
Window 574
Window 575
Window 576
Window 581
Window 582
Window 583
Window 584
Window 585
Window 586
Window 587
Window 588
Window 589
Window 590
Window 591
Window 592
Window 593
Window 594
Window 595
Window 596
Window 597
Window 598
Window 599
Window 600
Window 601
Window 602
Window 603
<u>Proposed Third Floor East Building</u>

Room Depth Coefficients				
L	W	H	Rb	
5.1	2.7	2.5	0.71	
8.7	3.8	2.5	0.69	
8.7	3.8	2.5	0.69	
5.1	2.7	2.5	0.71	
4.3	2.9	2.5	0.68	
2.9	4.3	2.5	0.68	
3.4	3.7	2.5	0.71	
3.4	3.4	2.5	0.71	
3.4	3.7	2.5	0.71	
4.8	2.9	2.5	0.66	
1.3	4.8	2.5	0.66	
3.4	2.9	2.5	0.66	
1.8	5.3	2.5	0.72	
4.0	3.1	2.5	0.68	
3.0	4.0	2.5	0.68	
5.0	9.2	2.5	0.66	
5.5	9.2	2.5	0.66	
5.5	9.2	2.5	0.66	
5.5	9.2	2.5	0.66	
5.0	9.2	2.5	0.69	
5.3	9.2	2.5	0.69	
5.3	9.2	2.5	0.69	
6.5	4.8	2.5	0.7	
3.6	3.6	2.5	0.71	
6.5	4.1	2.5	0.69	
4.3	2.7	2.5	0.71	
3.1	3.7	2.5	0.71	

Room Depth Calculation		
LW + L/H	<=	2/1-Rb
3.93	<=	6.9
5.77	<=	6.45
5.77	<=	6.45
3.93	<=	6.9
3.2	<=	6.25
1.83	<=	6.25
2.28	<=	6.9
2.36	<=	6.9
2.28	<=	6.9
3.58	<=	5.88
0.79	<=	5.88
2.53	<=	5.88
1.06	<=	7.14
2.89	<=	6.25
1.95	<=	6.25
2.54	<=	5.88
2.8	<=	5.88
2.8	<=	5.88
2.8	<=	5.88
2.54	<=	6.45
2.7	<=	6.45
2.7	<=	6.45
3.95	<=	6.67
2.44	<=	6.9
4.19	<=	6.45
3.31	<=	6.9
2.08	<=	6.9

[illegible]

Appendix 2 - Room Depth Calculation
156 West End Lane, London NW6 1SD

Room	Room Depth Coefficients				Room Depth Calculation			Result
	L	W	H	Rb	L/W + L/H	<=	2/1-Rb	
Window 606	4.5	3.9	2.5	0.7	2.95	<=	6.67	Pass
Window 607	3.9	4.5	2.5	0.7	2.43	<=	6.67	Pass
Window 608	7.1	4.5	2.5	0.7	4.42	<=	6.67	Pass
Window 609	5.0	3.0	2.5	0.7	3.67	<=	6.67	Pass
Window 610	1.7	6.2	2.5	0.7	0.95	<=	6.67	Pass
Window 611	6.8	3.2	2.5	0.69	4.85	<=	6.45	Pass
Window 612	5.0	3.0	2.5	0.7	3.67	<=	6.67	Pass
Window 613	1.7	6.3	2.5	0.7	0.95	<=	6.67	Pass
Window 614	5.1	6.5	2.5	0.67	2.82	<=	6.06	Pass
Window 615	5.1	6.5	2.5	0.67	2.82	<=	6.06	Pass
Window 616	1.8	6.3	2.5	0.67	1.01	<=	6.06	Pass
Window 617	5.1	6.5	2.5	0.67	2.82	<=	6.06	Pass
Window 618	5.1	6.5	2.5	0.67	2.82	<=	6.06	Pass
Window 619	1.8	5.4	2.5	0.67	1.05	<=	6.06	Pass
Window 620	6.6	4.6	2.5	0.67	4.07	<=	6.06	Pass
Window 621	6.6	4.6	2.5	0.67	4.07	<=	6.06	Pass
Window 622	2.8	4.1	2.5	0.69	1.8	<=	6.45	Pass
Window 623	4.1	2.9	2.5	0.69	3.05	<=	6.45	Pass
Window 624	4.5	2.8	2.5	0.68	3.41	<=	6.25	Pass
Window 628	3.1	3.7	2.5	0.71	2.08	<=	6.9	Pass
Window 629	4.3	2.7	2.5	0.71	3.31	<=	6.9	Pass
Window 630	4.3	2.9	2.5	0.71	3.2	<=	6.9	Pass
Window 633	4.8	3.2	2.5	0.71	3.42	<=	6.9	Pass
Window 637	4.1	3.7	2.5	0.71	2.75	<=	6.9	Pass
Window 638	3.6	3.2	2.5	0.71	2.57	<=	6.9	Pass
Window 639	4.5	4.0	2.5	0.71	2.93	<=	6.9	Pass
Window 640	4.6	4.0	2.5	0.71	2.99	<=	6.9	Pass
Window 641	3.2	3.2	2.5	0.71	2.28	<=	6.9	Pass
Window 642	5.9	3.2	2.5	0.72	4.2	<=	7.14	Pass

Appendix 2 - Room Depth Calculation
156 West End Lane, London NW6 1SD

Room
Window 645
Window 649
Window 650
Window 651
Window 652
<u>Proposed Fourth Floor East Building</u>
Window 655
Window 656
Window 657
Window 658
Window 659
Window 660
Window 661
Window 662
Window 663
Window 664
Window 665
Window 666
Window 667
Window 668
Window 669
Window 670
Window 671
Window 672
Window 676
Window 677
Window 678
Window 681

Room Depth Coefficients				
L	W	H	Rb	
4.2	3.2	2.5	0.68	
4.0	2.8	2.5	0.71	
4.3	3.0	2.5	0.71	
4.3	2.7	2.5	0.71	
3.1	3.7	2.5	0.71	
4.5	3.9	2.5	0.71	
7.1	4.5	2.5	0.7	
5.0	3.0	2.5	0.7	
1.7	6.2	2.5	0.7	
6.8	3.2	2.5	0.69	
5.0	3.0	2.5	0.7	
1.7	6.3	2.5	0.7	
5.1	6.5	2.5	0.67	
5.1	6.5	2.5	0.67	
1.8	6.3	2.5	0.67	
5.1	6.5	2.5	0.67	
5.1	6.5	2.5	0.67	
1.8	5.4	2.5	0.67	
6.6	4.6	2.5	0.67	
6.6	4.6	2.5	0.67	
2.8	4.1	2.5	0.69	
4.1	2.9	2.5	0.69	
4.5	2.8	2.5	0.68	
3.1	3.7	2.5	0.71	
4.3	2.7	2.5	0.71	
4.3	2.9	2.5	0.71	
4.8	3.2	2.5	0.71	

Room Depth Calculation			Result
L/W + L/H	<=	2/1-Rb	
2.99	<=	6.25	Pass
3.03	<=	6.9	Pass
3.15	<=	6.9	Pass
3.31	<=	6.9	Pass
2.08	<=	6.9	Pass
2.95	<=	6.9	Pass
4.42	<=	6.67	Pass
3.67	<=	6.67	Pass
0.95	<=	6.67	Pass
4.85	<=	6.45	Pass
3.67	<=	6.67	Pass
0.95	<=	6.67	Pass
2.82	<=	6.06	Pass
2.82	<=	6.06	Pass
1.01	<=	6.06	Pass
2.82	<=	6.06	Pass
2.82	<=	6.06	Pass
1.05	<=	6.06	Pass
4.07	<=	6.06	Pass
4.07	<=	6.06	Pass
1.8	<=	6.45	Pass
3.05	<=	6.45	Pass
3.41	<=	6.25	Pass
2.08	<=	6.9	Pass
3.31	<=	6.9	Pass
3.2	<=	6.9	Pass
3.42	<=	6.9	Pass

Appendix 2 - Room Depth Calculation
156 West End Lane, London NW6 1SD

Room	Room Depth Coefficients				Room Depth Calculation			Result
	L	W	H	Rb	L/W + L/H	<=	2/1-Rb	
Window 685	4.1	3.7	2.5	0.71	2.75	<=	6.9	Pass
Window 686	3.6	3.2	2.5	0.71	2.57	<=	6.9	Pass
Window 687	4.5	4.0	2.5	0.69	2.93	<=	6.45	Pass
Window 688	4.6	4.0	2.5	0.71	2.99	<=	6.9	Pass
Window 689	3.2	3.2	2.5	0.68	2.28	<=	6.25	Pass
Window 690	5.9	3.2	2.5	0.72	4.2	<=	7.14	Pass
Window 693	4.2	3.2	2.5	0.71	2.99	<=	6.9	Pass
Window 697	4.0	2.8	2.5	0.71	3.03	<=	6.9	Pass
Window 698	4.3	3.0	2.5	0.71	3.15	<=	6.9	Pass
Window 699	4.3	2.7	2.5	0.71	3.31	<=	6.9	Pass
Window 700	3.1	3.7	2.5	0.71	2.08	<=	6.9	Pass
<u>Proposed Fifth Floor East Building</u>								
Window 703	3.5	3.4	2.5	0.71	2.43	<=	6.9	Pass
Window 704	3.3	3.5	2.5	0.68	2.26	<=	6.25	Pass
Window 705	6.6	4.9	2.5	0.66	3.99	<=	5.88	Pass
Window 706	5.4	3.2	2.5	0.69	3.85	<=	6.45	Pass
Window 709	6.0	2.8	2.5	0.69	4.54	<=	6.45	Pass
Window 712	3.9	3.9	2.5	0.69	2.56	<=	6.45	Pass
Window 716	4.1	3.2	2.5	0.68	2.92	<=	6.25	Pass
Window 717	2.9	3.9	2.5	0.68	1.9	<=	6.25	Pass

Appendix 2 - Sunlight to Windows
156 West End Lane, London NW6 1SD

Reference	Use Class	Annual Probable Sunlight Hours	
		Total	Winter
<u>Proposed Ground Floor West Building</u>			
Window 1	Living/Dining/Kitchen	29%	13%
Window 3	Living/Dining/Kitchen	33%	12%
<u>Proposed First Floor West Building</u>			
Window 8	Living/Dining/Kitchen	29%	26%
Window 9	Living/Dining/Kitchen	25%	21%
Window 12	Living/Dining	29%	26%
Window 13	Living/Dining	23%	20%
Window 16	Living/Dining	29%	26%
Window 17	Living/Dining	25%	21%
Window 18	Living/Dining/Kitchen	81%	30%
Window 19	Living/Dining/Kitchen	23%	15%
Window 20	Living/Dining/Kitchen	26%	23%
Window 24	Living/Dining/Kitchen	86%	30%
Window 25	Living/Dining/Kitchen	21%	10%
Window 28	Living/Dining/Kitchen	28%	13%
Window 31	Living/Dining/Kitchen	24%	11%
Window 33	Living/Dining/Kitchen	19%	7%
Window 34	Living/Dining/Kitchen	7%	7%
Window 35	Living/Dining/Kitchen	4%	0%
Window 36	Living/Dining/Kitchen	8%	0%
Window 37	Living/Dining/Kitchen	4%	0%
Window 41	Living/Dining/Kitchen	0%	0%
Window 42	Living/Dining/Kitchen	7%	0%
Window 43	Living/Dining/Kitchen	16%	1%
Window 47	Living/Dining/Kitchen	9%	0%
Window 49	Living/Dining/Kitchen	0%	0%

Appendix 2 - Sunlight to Windows
156 West End Lane, London NW6 1SD

Reference	Use Class	Annual Probable Sunlight Hours	
		Total	Winter
Window 50	Living/Dining/Kitchen	0%	0%
<u>Proposed Second Floor West Building</u>			
Window 58	Living/Dining/Kitchen	28%	26%
Window 59	Living/Dining/Kitchen	24%	20%
Window 62	Living/Dining	29%	26%
Window 63	Living/Dining	24%	20%
Window 66	Living/Dining	29%	26%
Window 67	Living/Dining	25%	21%
Window 68	Living/Dining/Kitchen	81%	30%
Window 69	Living/Dining/Kitchen	22%	14%
Window 70	Living/Dining/Kitchen	25%	22%
Window 74	Living/Dining/Kitchen	86%	30%
Window 75	Living/Dining/Kitchen	21%	10%
Window 78	Living/Dining/Kitchen	29%	13%
Window 81	Living/Dining/Kitchen	27%	11%
Window 83	Living/Dining/Kitchen	33%	7%
Window 84	Living/Dining/Kitchen	37%	8%
Window 85	Living/Dining/Kitchen	5%	0%
Window 86	Living/Dining/Kitchen	11%	0%
Window 87	Living/Dining/Kitchen	6%	0%
Window 90	Living/Dining/Kitchen	27%	3%
Window 94	Living/Dining/Kitchen	14%	0%
Window 96	Living/Dining/Kitchen	1%	0%
Window 97	Living/Dining/Kitchen	1%	0%
Window 98	Living/Dining/Kitchen	0%	0%
Window 111	Living/Dining	42%	12%
Window 112	Living/Dining	42%	12%
Window 113	Living/Dining	41%	11%

Appendix 2 - Sunlight to Windows
156 West End Lane, London NW6 1SD

Reference	Use Class	Annual Probable Sunlight Hours	
		Total	Winter
Window 114	Living/Dining	1%	1%
Window 117	Living/Dining	43%	13%
Window 118	Living/Dining	43%	12%
Window 119	Living/Dining	6%	4%
Window 121	Living/Dining	41%	12%
Window 122	Living/Dining	43%	13%
Window 123	Living/Dining	4%	3%
Window 125	Living/Dining	45%	15%
Window 126	Living/Dining	46%	15%
Window 127	Living/Dining	10%	5%
Window 133	Living/Dining/Kitchen	0%	0%
Window 134	Living/Dining/Kitchen	48%	17%
Window 135	Living/Dining/Kitchen	57%	23%
<u>Proposed Third Floor West Building</u>			
Window 139	Living/Dining/Kitchen	28%	26%
Window 140	Living/Dining/Kitchen	23%	20%
Window 143	Living/Dining	29%	26%
Window 144	Living/Dining	24%	20%
Window 147	Living/Dining	29%	26%
Window 148	Living/Dining	25%	21%
Window 149	Living/Dining/Kitchen	81%	30%
Window 150	Living/Dining/Kitchen	22%	14%
Window 151	Living/Dining/Kitchen	25%	22%
Window 155	Living/Dining/Kitchen	86%	30%
Window 156	Living/Dining/Kitchen	86%	30%
Window 157	Living/Dining/Kitchen	32%	15%
Window 160	Living/Dining/Kitchen	37%	15%
Window 164	Living/Dining/Kitchen	29%	8%

Appendix 2 - Sunlight to Windows
156 West End Lane, London NW6 1SD

Reference	Use Class	Annual Probable Sunlight Hours	
		Total	Winter
Window 165	Living/Dining/Kitchen	12%	0%
Window 168	Living/Dining/Kitchen	4%	0%
Window 169	Living/Dining/Kitchen	15%	3%
Window 170	Living/Dining/Kitchen	26%	2%
Window 171	Living/Dining/Kitchen	14%	2%
Window 186	Living/Dining	48%	15%
Window 187	Living/Dining	47%	14%
Window 188	Living/Dining	45%	12%
Window 189	Living/Dining	1%	1%
Window 192	Living/Dining	48%	14%
Window 193	Living/Dining	48%	14%
Window 194	Living/Dining	7%	5%
Window 196	Living/Dining	48%	14%
Window 197	Living/Dining	49%	15%
Window 198	Living/Dining	4%	3%
Window 200	Living/Dining	50%	16%
Window 201	Living/Dining	50%	16%
Window 202	Living/Dining	10%	5%
Window 209	Living/Dining/Kitchen	0%	0%
Window 210	Living/Dining/Kitchen	52%	17%
Window 211	Living/Dining/Kitchen	65%	24%
<u>Proposed Fourth Floor West Building</u>			
Window 215	Living/Dining/Kitchen	34%	26%
Window 216	Living/Dining/Kitchen	28%	21%
Window 219	Living/Dining	34%	26%
Window 220	Living/Dining	28%	21%
Window 223	Living/Dining	34%	26%
Window 224	Living/Dining	28%	21%
Window 225	Living/Dining/Kitchen	86%	30%

Appendix 2 - Sunlight to Windows
156 West End Lane, London NW6 1SD

Reference	Use Class	Annual Probable Sunlight Hours	
		Total	Winter
Window 226	Living/Dining/Kitchen	29%	15%
Window 227	Living/Dining/Kitchen	29%	22%
Window 231	Living/Dining/Kitchen	86%	30%
Window 232	Living/Dining/Kitchen	86%	30%
Window 233	Living/Dining/Kitchen	42%	11%
Window 236	Living/Dining/Kitchen	50%	15%
Window 240	Living/Dining/Kitchen	48%	13%
Window 241	Living/Dining/Kitchen	12%	0%
Window 245	Living/Dining/Kitchen	9%	0%
Window 246	Living/Dining/Kitchen	41%	10%
Window 247	Living/Dining/Kitchen	41%	10%
Window 251	Living/Dining/Kitchen	10%	0%
Window 264	Living/Dining	52%	16%
Window 265	Living/Dining	53%	17%
Window 266	Living/Dining	51%	15%
Window 267	Living/Dining	1%	1%
Window 270	Living/Dining	53%	17%
Window 271	Living/Dining	52%	16%
Window 272	Living/Dining	9%	6%
Window 274	Living/Dining	52%	16%
Window 275	Living/Dining	52%	16%
Window 276	Living/Dining	4%	4%
Window 278	Living/Dining	53%	17%
Window 279	Living/Dining	53%	17%
Window 280	Living/Dining	10%	5%
Window 287	Living/Dining	0%	0%
Window 288	Living/Dining	52%	17%
Window 289	Living/Dining	68%	26%

Appendix 2 - Sunlight to Windows
156 West End Lane, London NW6 1SD

Reference	Use Class	Annual Probable Sunlight Hours	
		Total	Winter
<u>Proposed Fifth Floor West Building</u>			
Window 292	Living/Dining/Kitchen	86%	30%
Window 294	Living/Dining	86%	30%
Window 296	Living/Dining	86%	30%
Window 297	Living/Dining/Kitchen	86%	30%
Window 300	Living/Dining/Kitchen	86%	30%
Window 301	Living/Dining/Kitchen	50%	15%
Window 306	Living/Dining/Kitchen	50%	15%
Window 307	Living/Dining/Kitchen	7%	0%
Window 308	Living/Dining/Kitchen	6%	0%
Window 311	Living/Dining/Kitchen	9%	0%
Window 312	Living/Dining/Kitchen	46%	13%
Window 313	Living/Dining/Kitchen	46%	13%
Window 316	Living/Dining/Kitchen	39%	6%
Window 329	Living/Dining	52%	16%
Window 330	Living/Dining	52%	16%
Window 331	Living/Dining	51%	15%
Window 334	Living/Dining	51%	15%
Window 335	Living/Dining	49%	14%
Window 337	Living/Dining	51%	15%
Window 338	Living/Dining	49%	14%
Window 340	Living/Dining	51%	15%
Window 341	Living/Dining	49%	14%
Window 345	Living/Dining/Kitchen	52%	16%
Window 346	Living/Dining/Kitchen	53%	17%
Window 347	Living/Dining/Kitchen	71%	27%

Appendix 2 - Sunlight to Windows
156 West End Lane, London NW6 1SD

Reference	Use Class	Annual Probable Sunlight Hours	
		Total	Winter
<u>Proposed Lower Ground Floor East Building</u>			
Window 348	Living/Dining/Kitchen	45%	28%
Window 349	Living/Dining/Kitchen	59%	28%
Window 350	Living/Dining/Kitchen	0%	0%
Window 351	Living/Dining/Kitchen	47%	29%
Window 352	Living/Dining/Kitchen	61%	29%
Window 353	Living/Dining/Kitchen	0%	0%
Window 354	Living/Dining/Kitchen	47%	29%
Window 355	Living/Dining/Kitchen	61%	29%
Window 356	Living/Dining/Kitchen	0%	0%
Window 358	Living/Dining/Kitchen	58%	29%
Window 359	Living/Dining/Kitchen	52%	29%
Window 360	Living/Dining/Kitchen	24%	9%
Window 363	Living/Dining/Kitchen	2%	0%
Window 364	Living/Dining/Kitchen	4%	0%
Window 365	Living/Dining/Kitchen	12%	0%
Window 366	Living/Dining/Kitchen	2%	0%
Window 368	Living/Dining/Kitchen	0%	0%
Window 369	Living/Dining/Kitchen	0%	0%
Window 375	Living/Dining/Kitchen	1%	0%
Window 376	Living/Dining/Kitchen	3%	0%
Window 378	Living/Dining/Kitchen	18%	0%
Window 379	Living/Dining/Kitchen	13%	0%
Window 380	Living/Dining/Kitchen	6%	0%
Window 381	Living/Dining/Kitchen	6%	0%

Appendix 2 - Sunlight to Windows
156 West End Lane, London NW6 1SD

Reference	Use Class	Annual Probable Sunlight Hours	
		Total	Winter
<u>Proposed Ground Floor East Building</u>			
Window 382	Living/Dining/Kitchen	7%	6%
Window 383	Living/Dining/Kitchen	16%	13%
Window 384	Living/Dining/Kitchen	60%	29%
Window 386	Living/Dining/Kitchen	30%	28%
Window 388	Living/Dining/Kitchen	29%	27%
Window 390	Living/Dining/Kitchen	29%	27%
Window 391	Living/Dining/Kitchen	33%	27%
Window 392	Living/Dining/Kitchen	29%	27%
Window 393	Living/Dining/Kitchen	33%	27%
Window 394	Living/Dining/Kitchen	27%	25%
Window 399	Living/Dining/Kitchen	84%	29%
Window 400	Living/Dining/Kitchen	27%	10%
Window 403	Living/Dining/Kitchen	30%	10%
Window 404	Living/Dining/Kitchen	32%	9%
Window 407	Living/Dining/Kitchen	28%	9%
Window 408	Living/Dining/Kitchen	30%	9%
Window 409	Living/Dining/Kitchen	41%	11%
Window 410	Living/Dining/Kitchen	5%	0%
Window 414	Living/Dining/Kitchen	6%	0%
Window 415	Living/Dining/Kitchen	12%	0%
Window 416	Living/Dining/Kitchen	17%	0%
Window 418	Living/Dining/Kitchen	1%	0%
Window 419	Living/Dining/Kitchen	0%	0%
Window 426	Living/Dining/Kitchen	1%	0%
Window 427	Living/Dining/Kitchen	5%	0%
Window 429	Living/Dining/Kitchen	22%	0%
Window 430	Living/Dining/Kitchen	16%	0%

Appendix 2 - Sunlight to Windows
156 West End Lane, London NW6 1SD

Reference	Use Class	Annual Probable Sunlight Hours	
		Total	Winter
Window 431	Living/Dining/Kitchen	6%	0%
Window 432	Living/Dining/Kitchen	6%	0%
Window 438	Living/Dining/Kitchen	5%	0%
Window 439	Living/Dining/Kitchen	28%	10%
Window 440	Living/Dining/Kitchen	34%	10%
Window 441	Living/Dining/Kitchen	41%	14%
Window 444	Living/Dining/Kitchen	5%	0%
Window 445	Living/Dining/Kitchen	42%	16%
Window 446	Living/Dining/Kitchen	41%	16%
Window 447	Living/Dining/Kitchen	40%	14%
Window 448	Living/Dining/Kitchen	39%	14%
Window 451	Living/Dining/Kitchen	10%	8%
<u>Proposed First Floor East Building</u>			
Window 453	Living/Dining/Kitchen	21%	10%
Window 454	Living/Dining/Kitchen	84%	30%
Window 457	Living/Dining/Kitchen	30%	26%
Window 460	Living/Dining/Kitchen	30%	26%
Window 463	Living/Dining/Kitchen	29%	26%
Window 464	Living/Dining/Kitchen	25%	21%
Window 466	Living/Dining/Kitchen	30%	26%
Window 467	Living/Dining/Kitchen	25%	21%
Window 468	Living/Dining/Kitchen	26%	15%
Window 469	Living/Dining/Kitchen	30%	26%
Window 470	Living/Dining/Kitchen	25%	21%
Window 474	Living/Dining/Kitchen	86%	30%
Window 475	Living/Dining/Kitchen	26%	9%
Window 478	Living/Dining/Kitchen	29%	10%

Appendix 2 - Sunlight to Windows
156 West End Lane, London NW6 1SD

Reference	Use Class	Annual Probable Sunlight Hours	
		Total	Winter
Window 479	Living/Dining/Kitchen	31%	9%
Window 482	Living/Dining/Kitchen	29%	10%
Window 483	Living/Dining/Kitchen	42%	11%
Window 487	Living/Dining/Kitchen	7%	0%
Window 488	Living/Dining/Kitchen	17%	1%
Window 489	Living/Dining/Kitchen	26%	0%
Window 491	Living/Dining/Kitchen	6%	0%
Window 492	Living/Dining/Kitchen	1%	0%
Window 499	Living/Dining/Kitchen	8%	0%
Window 500	Living/Dining/Kitchen	13%	0%
Window 502	Living/Dining/Kitchen	30%	0%
Window 503	Living/Dining/Kitchen	21%	1%
Window 504	Living/Dining/Kitchen	7%	0%
Window 505	Living/Dining/Kitchen	7%	0%
Window 517	Living/Dining/Kitchen	18%	15%
Window 518	Living/Dining/Kitchen	35%	15%
Window 519	Living/Dining/Kitchen	47%	17%
Window 520	Living/Dining/Kitchen	47%	17%
Window 521	Living/Dining/Kitchen	22%	14%
Window 522	Living/Dining/Kitchen	23%	12%
Window 523	Living/Dining/Kitchen	27%	11%
Window 524	Living/Dining/Kitchen	12%	8%
Window 526	Living/Dining/Kitchen	18%	8%
<u>Proposed Second Floor East Building</u>			
Window 529	Living/Dining/Kitchen	20%	10%
Window 530	Living/Dining/Kitchen	84%	30%
Window 533	Living/Dining/Kitchen	29%	26%

Appendix 2 - Sunlight to Windows
156 West End Lane, London NW6 1SD

Reference	Use Class	Annual Probable Sunlight Hours	
		Total	Winter
Window 536	Living/Dining/Kitchen	29%	26%
Window 539	Living/Dining/Kitchen	29%	26%
Window 540	Living/Dining/Kitchen	25%	21%
Window 541	Living/Dining/Kitchen	26%	15%
Window 542	Living/Dining/Kitchen	30%	26%
Window 543	Living/Dining/Kitchen	25%	21%
Window 544	Living/Dining/Kitchen	28%	15%
Window 545	Living/Dining/Kitchen	29%	26%
Window 546	Living/Dining/Kitchen	25%	21%
Window 550	Living/Dining/Kitchen	85%	30%
Window 551	Living/Dining/Kitchen	31%	13%
Window 554	Living/Dining/Kitchen	28%	10%
Window 555	Living/Dining/Kitchen	25%	9%
Window 558	Living/Dining/Kitchen	41%	12%
Window 559	Living/Dining/Kitchen	49%	14%
Window 562	Living/Dining/Kitchen	8%	0%
Window 563	Living/Dining/Kitchen	37%	5%
Window 564	Living/Dining/Kitchen	32%	1%
Window 566	Living/Dining/Kitchen	19%	0%
Window 567	Living/Dining/Kitchen	9%	0%
Window 574	Living/Dining/Kitchen	18%	0%
Window 575	Living/Dining/Kitchen	25%	0%
Window 577	Living/Dining/Kitchen	36%	2%
Window 578	Living/Dining/Kitchen	40%	5%
Window 579	Living/Dining/Kitchen	9%	0%
Window 580	Living/Dining/Kitchen	9%	0%
Window 592	Living/Dining/Kitchen	49%	16%
Window 593	Living/Dining/Kitchen	53%	16%
Window 594	Living/Dining/Kitchen	55%	17%

Appendix 2 - Sunlight to Windows
156 West End Lane, London NW6 1SD

Reference	Use Class	Annual Probable Sunlight Hours	
		Total	Winter
Window 595	Living/Dining/Kitchen	57%	17%
Window 596	Living/Dining/Kitchen	48%	15%
Window 597	Living/Dining/Kitchen	46%	15%
Window 598	Living/Dining/Kitchen	43%	13%
Window 599	Living/Dining/Kitchen	15%	8%
Window 601	Living/Dining/Kitchen	22%	8%
<u>Proposed Third Floor East Building</u>			
Window 604	Living/Dining/Kitchen	28%	14%
Window 605	Living/Dining/Kitchen	85%	30%
Window 608	Living/Dining/Kitchen	30%	26%
Window 611	Living/Dining/Kitchen	29%	26%
Window 614	Living/Dining/Kitchen	30%	26%
Window 615	Living/Dining/Kitchen	25%	21%
Window 616	Living/Dining/Kitchen	26%	15%
Window 617	Living/Dining/Kitchen	30%	26%
Window 618	Living/Dining/Kitchen	25%	21%
Window 619	Living/Dining/Kitchen	26%	15%
Window 620	Living/Dining/Kitchen	30%	26%
Window 621	Living/Dining/Kitchen	25%	21%
Window 625	Living/Dining/Kitchen	85%	30%
Window 626	Living/Dining/Kitchen	85%	30%
Window 627	Living/Dining/Kitchen	25%	9%
Window 631	Living/Dining/Kitchen	30%	9%
Window 632	Living/Dining/Kitchen	12%	0%
Window 634	Living/Dining/Kitchen	3%	0%
Window 635	Living/Dining/Kitchen	8%	0%
Window 636	Living/Dining/Kitchen	14%	0%

Appendix 2 - Sunlight to Windows
156 West End Lane, London NW6 1SD

Reference	Use Class	Annual Probable Sunlight Hours	
		Total	Winter
Window 643	Living/Dining/Kitchen	19%	0%
Window 644	Living/Dining/Kitchen	12%	0%
Window 646	Living/Dining/Kitchen	0%	0%
Window 647	Living/Dining/Kitchen	0%	0%
Window 648	Living/Dining/Kitchen	42%	11%
<u>Proposed Fourth Floor East Building</u>			
Window 653	Living/Dining/Kitchen	45%	14%
Window 654	Living/Dining/Kitchen	85%	30%
Window 656	Living/Dining/Kitchen	40%	26%
Window 659	Living/Dining/Kitchen	39%	26%
Window 662	Living/Dining/Kitchen	40%	26%
Window 663	Living/Dining/Kitchen	31%	21%
Window 664	Living/Dining/Kitchen	32%	15%
Window 665	Living/Dining/Kitchen	40%	26%
Window 666	Living/Dining/Kitchen	31%	21%
Window 667	Living/Dining/Kitchen	32%	15%
Window 668	Living/Dining/Kitchen	40%	26%
Window 669	Living/Dining/Kitchen	31%	21%
Window 673	Living/Dining/Kitchen	85%	30%
Window 674	Living/Dining/Kitchen	85%	30%
Window 675	Living/Dining/Kitchen	40%	9%
Window 679	Living/Dining/Kitchen	50%	15%
Window 680	Living/Dining/Kitchen	12%	0%
Window 682	Living/Dining/Kitchen	3%	0%
Window 683	Living/Dining/Kitchen	8%	0%
Window 684	Living/Dining/Kitchen	40%	7%
Window 691	Living/Dining/Kitchen	35%	2%

Appendix 2 - Sunlight to Windows
156 West End Lane, London NW6 1SD

Reference	Use Class	Annual Probable Sunlight Hours	
		Total	Winter
Window 692	Living/Dining/Kitchen	12%	0%
Window 694	Living/Dining/Kitchen	3%	0%
Window 695	Living/Dining/Kitchen	8%	0%
Window 696	Living/Dining/Kitchen	45%	13%
<u>Proposed Fifth Floor East Building</u>			
Window 701	Living/Dining/Kitchen	49%	15%
Window 702	Living/Dining/Kitchen	86%	30%
Window 705	Living/Dining/Kitchen	86%	30%
Window 707	Living/Dining/Kitchen	86%	30%
Window 708	Living/Dining/Kitchen	50%	15%
Window 713	Living/Dining/Kitchen	9%	0%
Window 714	Living/Dining/Kitchen	9%	0%
Window 715	Living/Dining/Kitchen	48%	15%

Appendix 2 - Overshadowing to Gardens and Open Spaces
156 West End Lane, London NW6 1SD

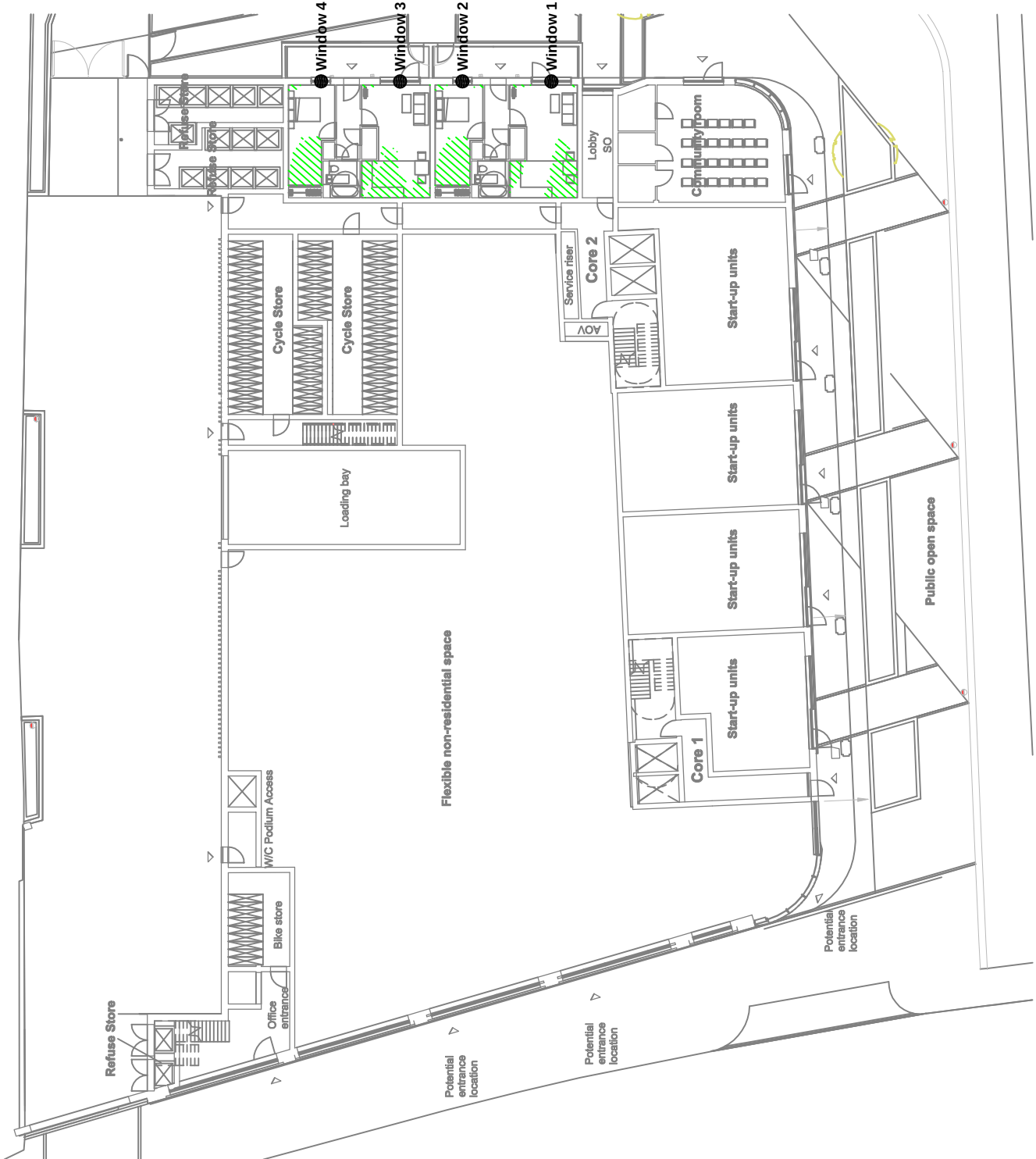
Reference	Total Area	Area receiving at least 2 hours of sunlight on 21st March	
<u>Proposed Central Green Courtyard</u> Garden 1	381.15 m2	381.15 m2	100%
<u>Proposed 1st Floor Podium Deck (Private Courtyard)</u> Garden 2	254.39 m2	24.82 m2	10%
<u>Proposed Eastern Private Courtyard</u> Garden 3	261.62 m2	0.0 m2	0%
<u>Proposed Fifth Floor Shared Landscaped Terrace</u> Garden 4	414.96 m2	387.23 m2	93%

APPENDIX 3

NO SKY LINE CONTOURS

Appendix 3 No Sky Line Contours

Proposed Ground Floor West Building



Key:

● 1 Window reference

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

Area does receive direct sky light.

Light aperture.

Project Name: 156 Vest End Lane, London NV6 1SD

Drawing Title: Window Key

Scale: Do not scale

Drawing No: 1 of 13

Rev. -

Date

Details of revision



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Appendix 3 No Sky Line Contours

Proposed First Floor West Building

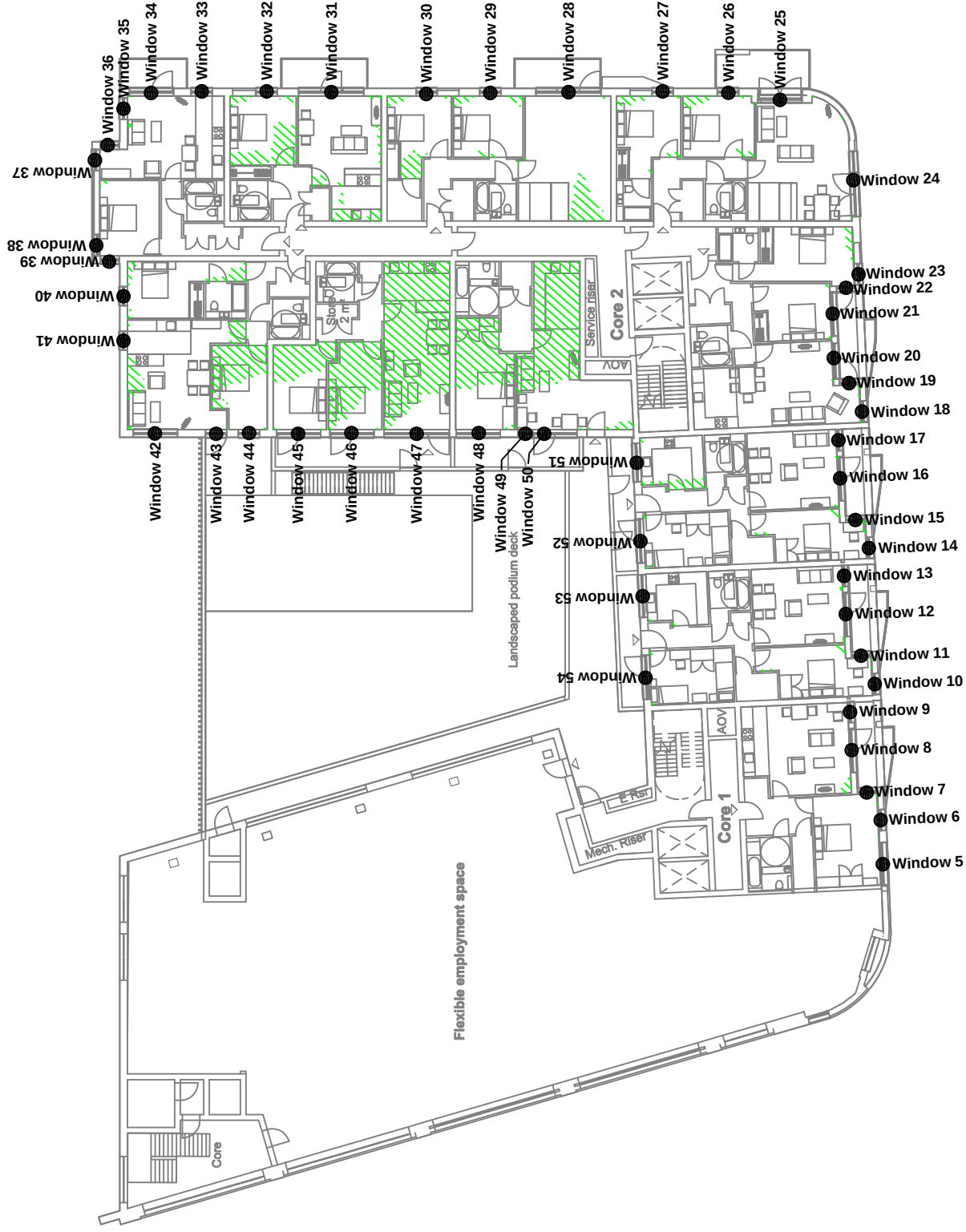
Key:

● 1 Window reference

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

□ Area does receive direct sky light.

▬ Light aperture.



Project Name: 156 Vest End Lane, London NW6 1SD

Drawing Title: Window Key

Scale: Do not scale

Drawing No: 2 of 13

Rev. - Details of revision

Rev

Date



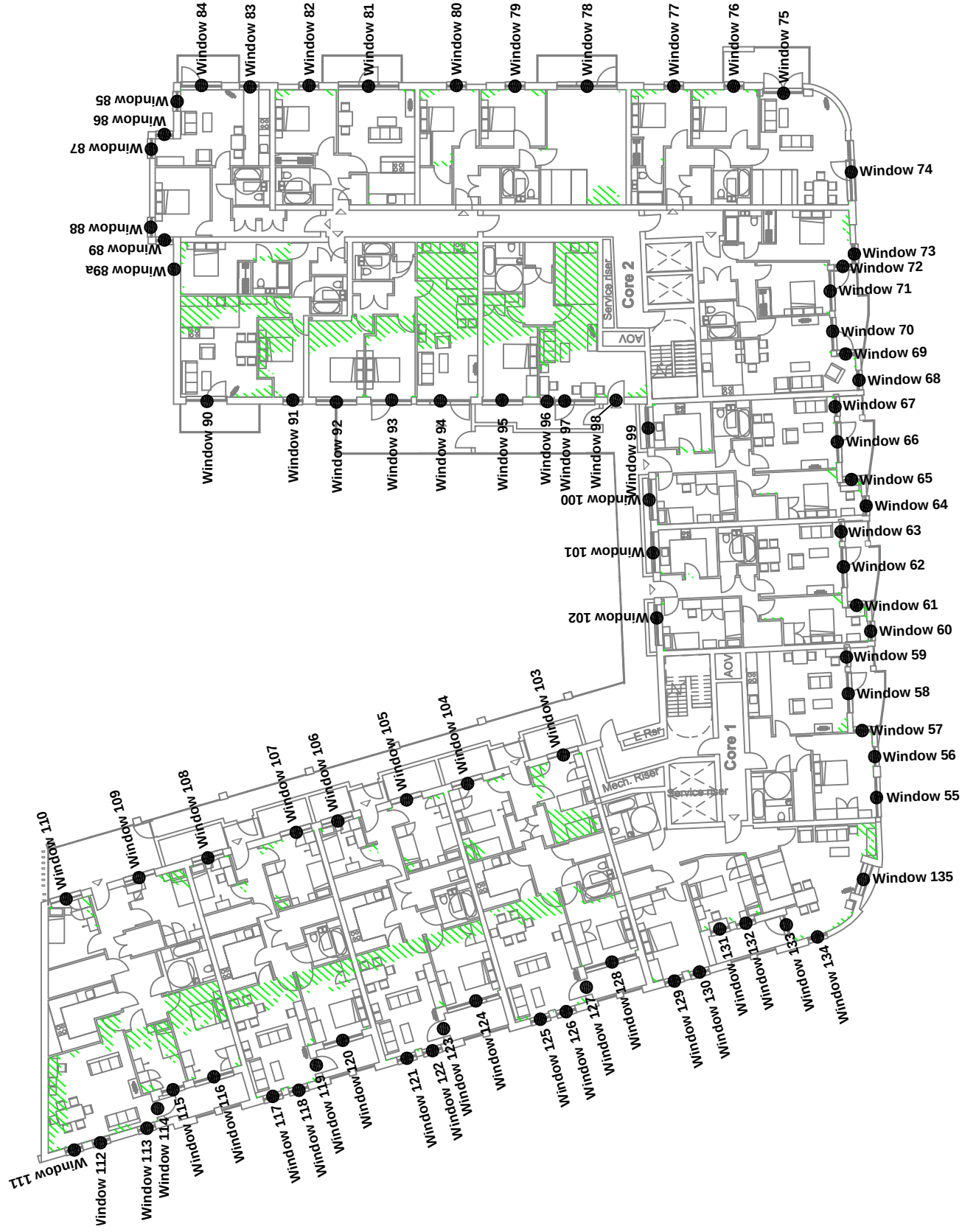
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Appendix 3 No Sky Line Contours

Proposed Second Floor West Building



Key:

● 1 Window reference

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

Area does receive direct sky light.

Light aperture.

Project Name: 156 Vest End Lane, London NV6 1SD

Drawing Title: Window Key

Scale: Do not scale

Drawing No: 3 of 13

Rev. -
Rev Date Details of revision

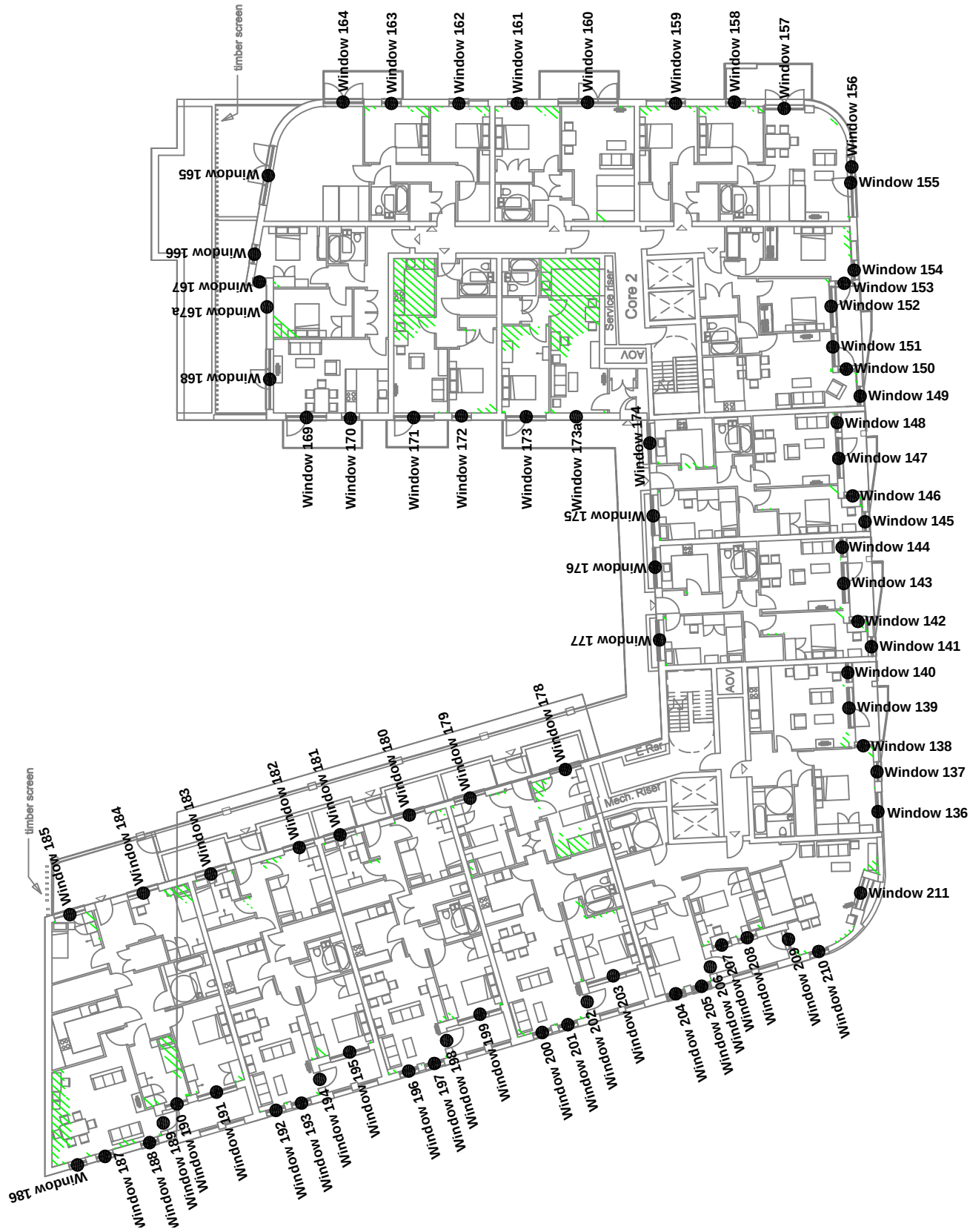


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Appendix 3 No Sky Line Contours

Proposed Third Floor West Building



Key:

● 1 Window reference

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

Area does receive direct sky light.

Light aperture.

Project Name: 156 Vest End Lane, London N16 1SD

Drawing Title: Window Key

Scale: Do not scale

Drawing No: 4 of 13

Rev. -

Date

Details of revision



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Appendix 3 No Sky Line Contours

Proposed Fourth Floor West Building

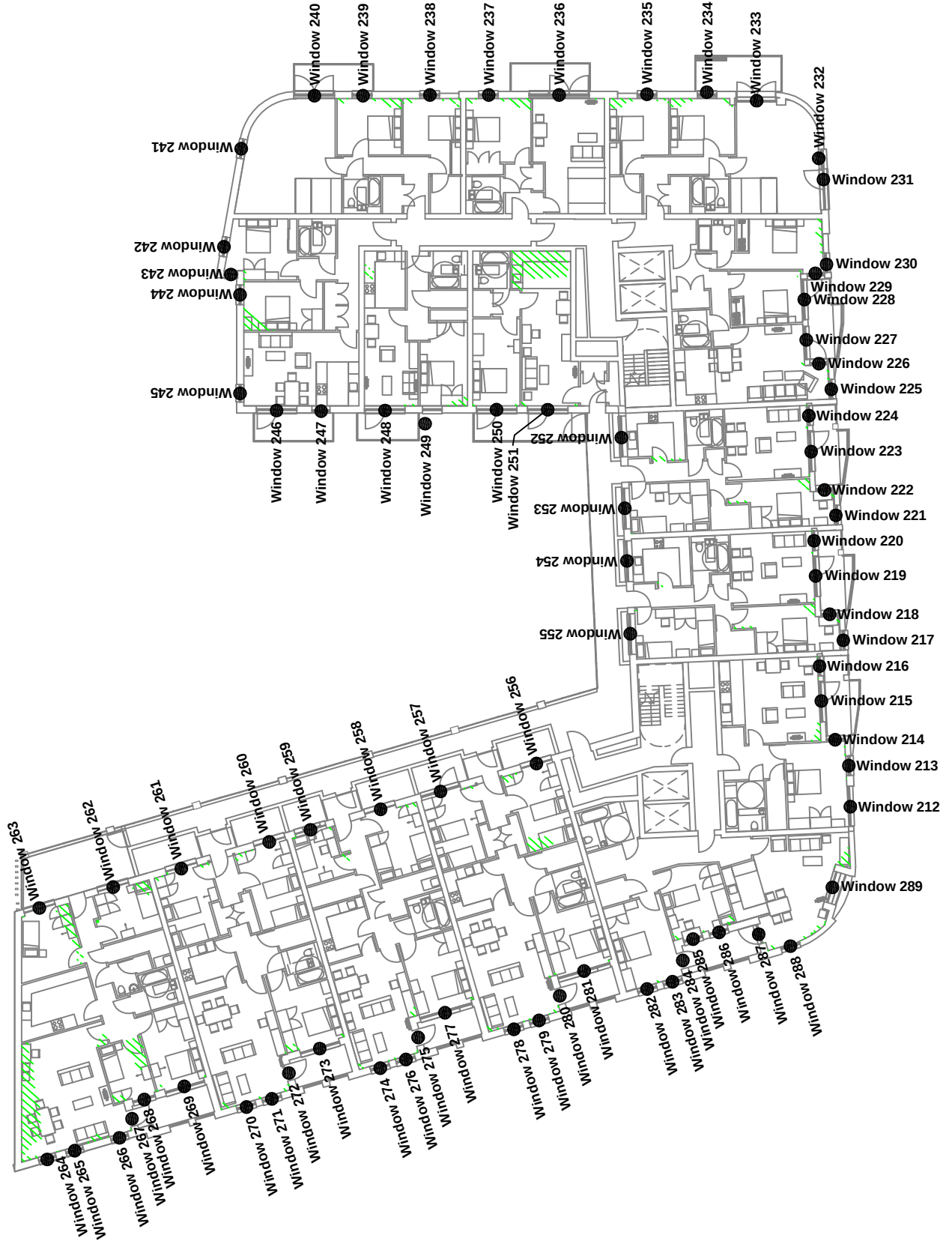
Key:

● 1 Window reference

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

Area does receive direct sky light.

Light aperture.



Project Name: 156 West End Lane, London NW6 1SD

Drawing Title: Window Key

Scale: Do not scale

Drawing No: 5 of 13

Rev. -

Rev Date Details of revision

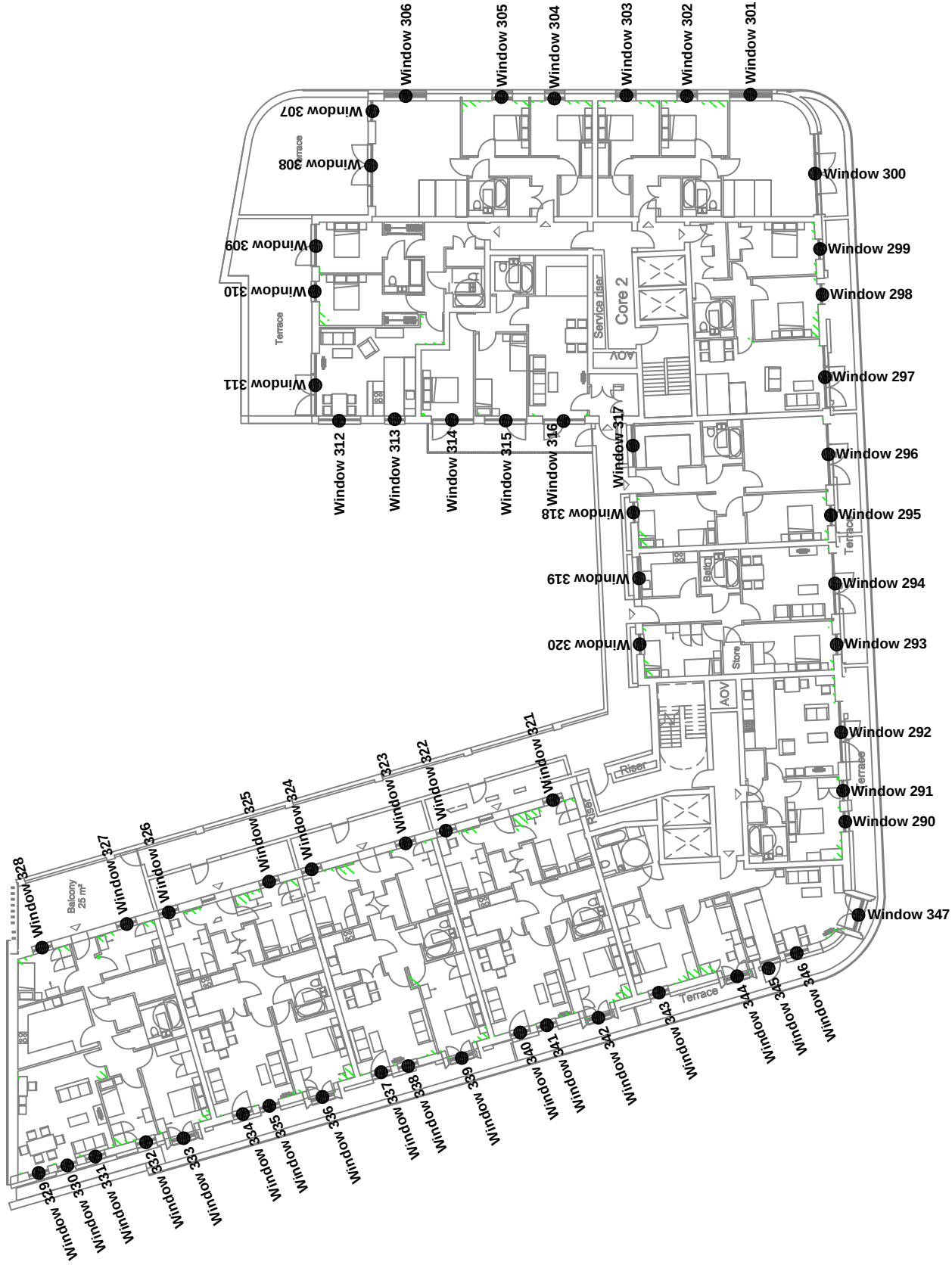


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Appendix 3 No Sky Line Contours

Proposed Fifth Floor, West Building



Key:

● 1 Window reference

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

□ Area does receive direct sky light.

▬ Light aperture.

Project Name: 156 West End Lane, London NW6 1SD

Drawing Title: Window Key

Scale: Do not scale

Drawing No: 6 of 13

Rev. -

Rev Date Details of revision

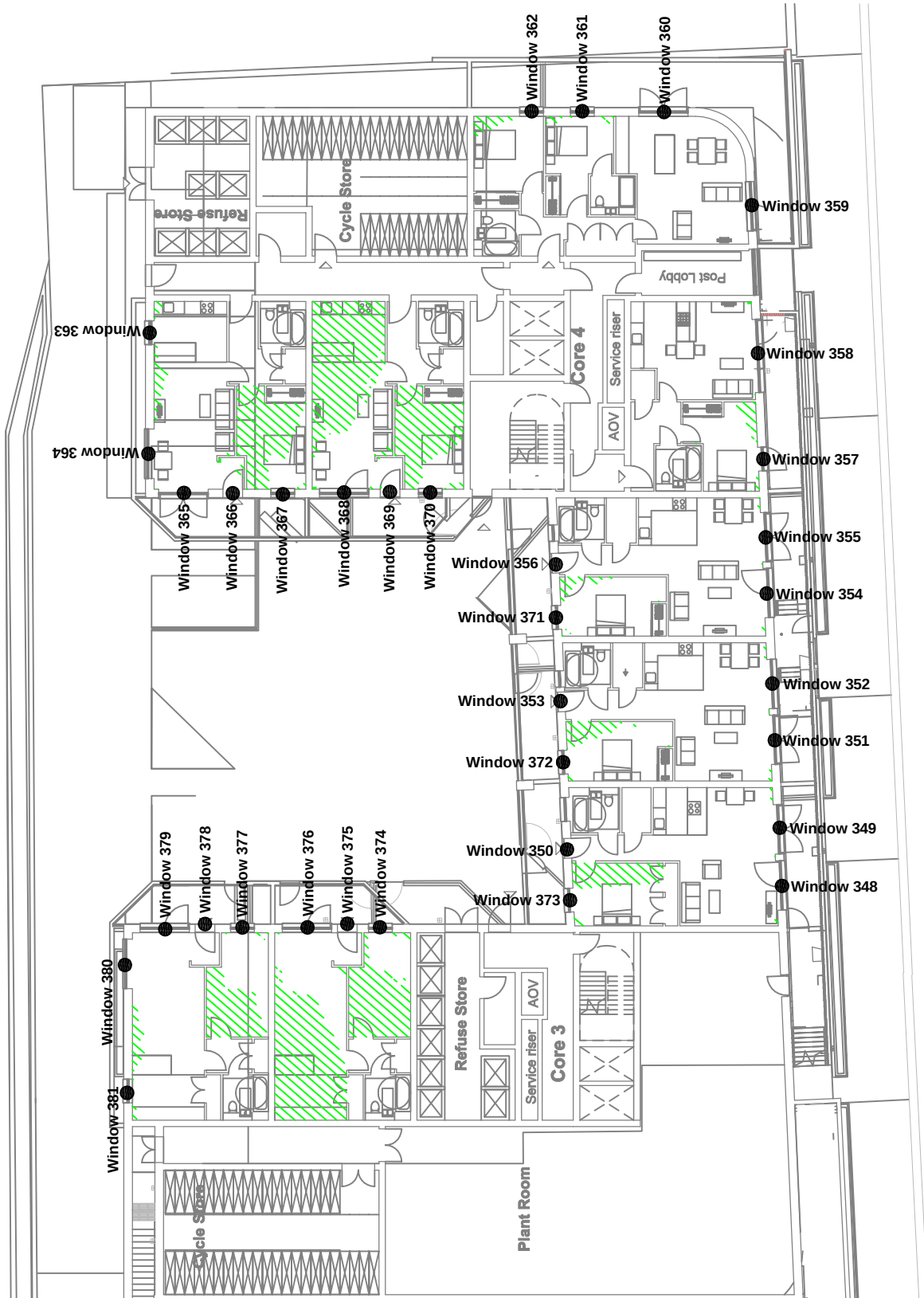


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Appendix 3 No Sky Line Contours
Proposed Lower Ground Floor East Building



Project Name: 156 Vest End Lane, London N16 1SD	
Drawing Title: Window Key	
Scale: Do not scale	Rev. -
Drawing No: 7 of 13	
Rev	Date
Details of revision	



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Appendix 3 No Sky Line Contours

Proposed Ground Floor East Building

Key:

● 1 Window reference

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

Area does receive direct sky light.

Light aperture.

Project Name: 156 Vest End Lane, London NV6 1SD

Drawing Title: Window Key

Scale: Do not scale

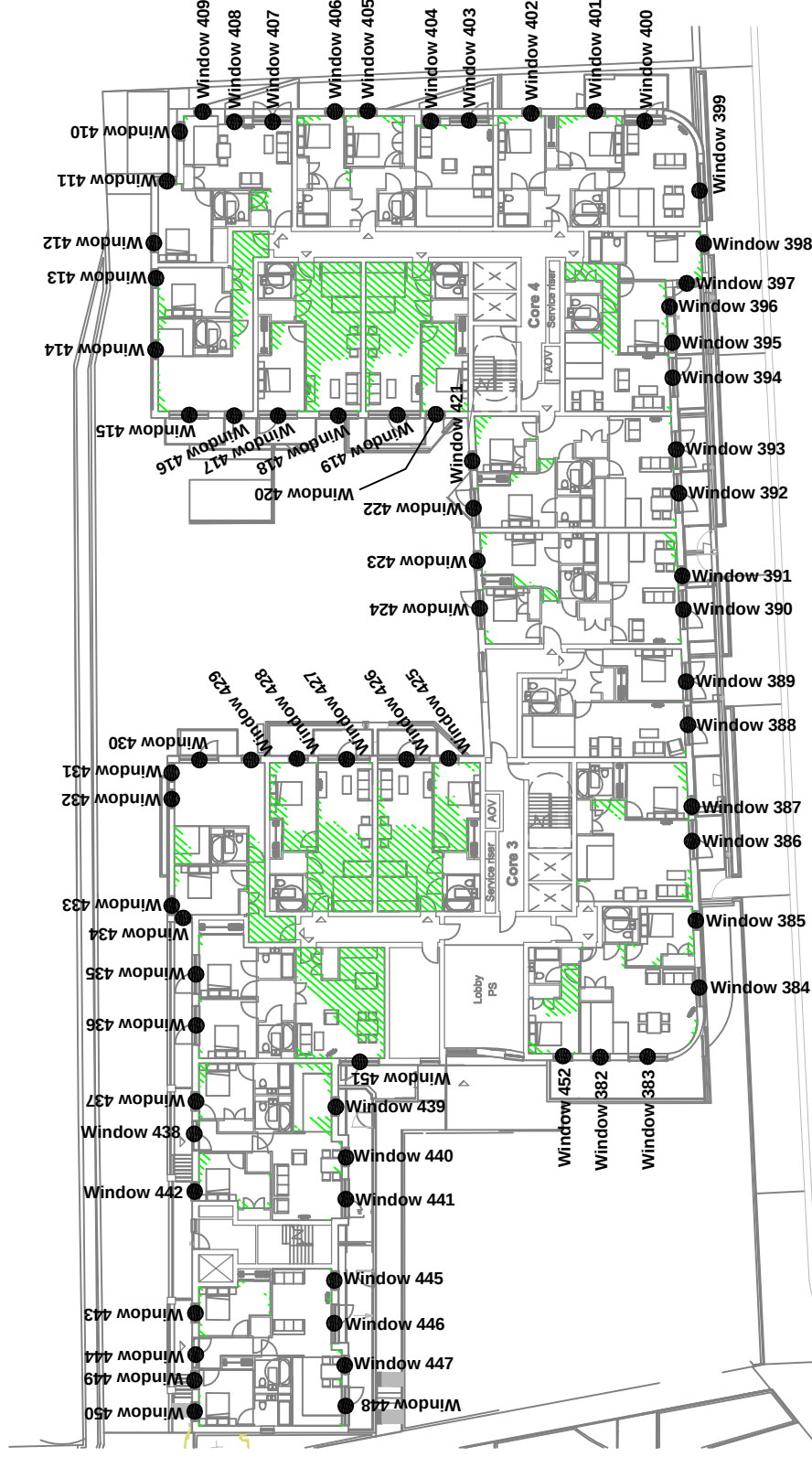
Drawing No: 8 of 13

Rev. -
Rev Date Details of revision



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Appendix 3 No Sky Line Contours

Proposed First Floor East Building

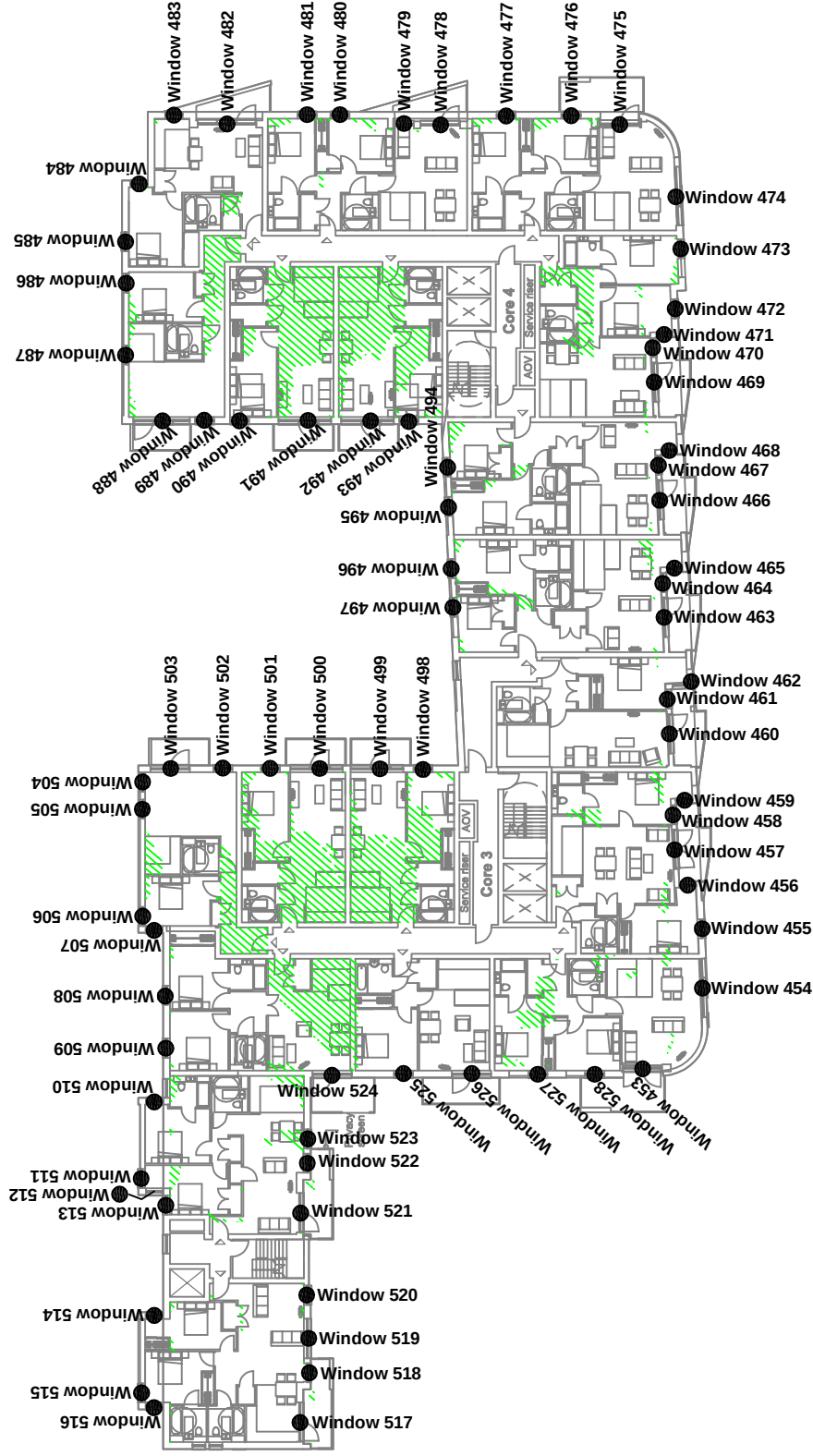
Key:

● 1 Window reference

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

□ Area does receive direct sky light.

Light aperture.



Project Name: 156 Vest End Lane, London N16 1SD

Drawing Title: Window Key

Scale: Do not scale

Drawing No: 9 of 13

Rev. -

Rev. Details of revision



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Proposed Second Floor East Building

Light aperture.



Appendix 3 No Sky Line Contours

Proposed Third Floor East Building

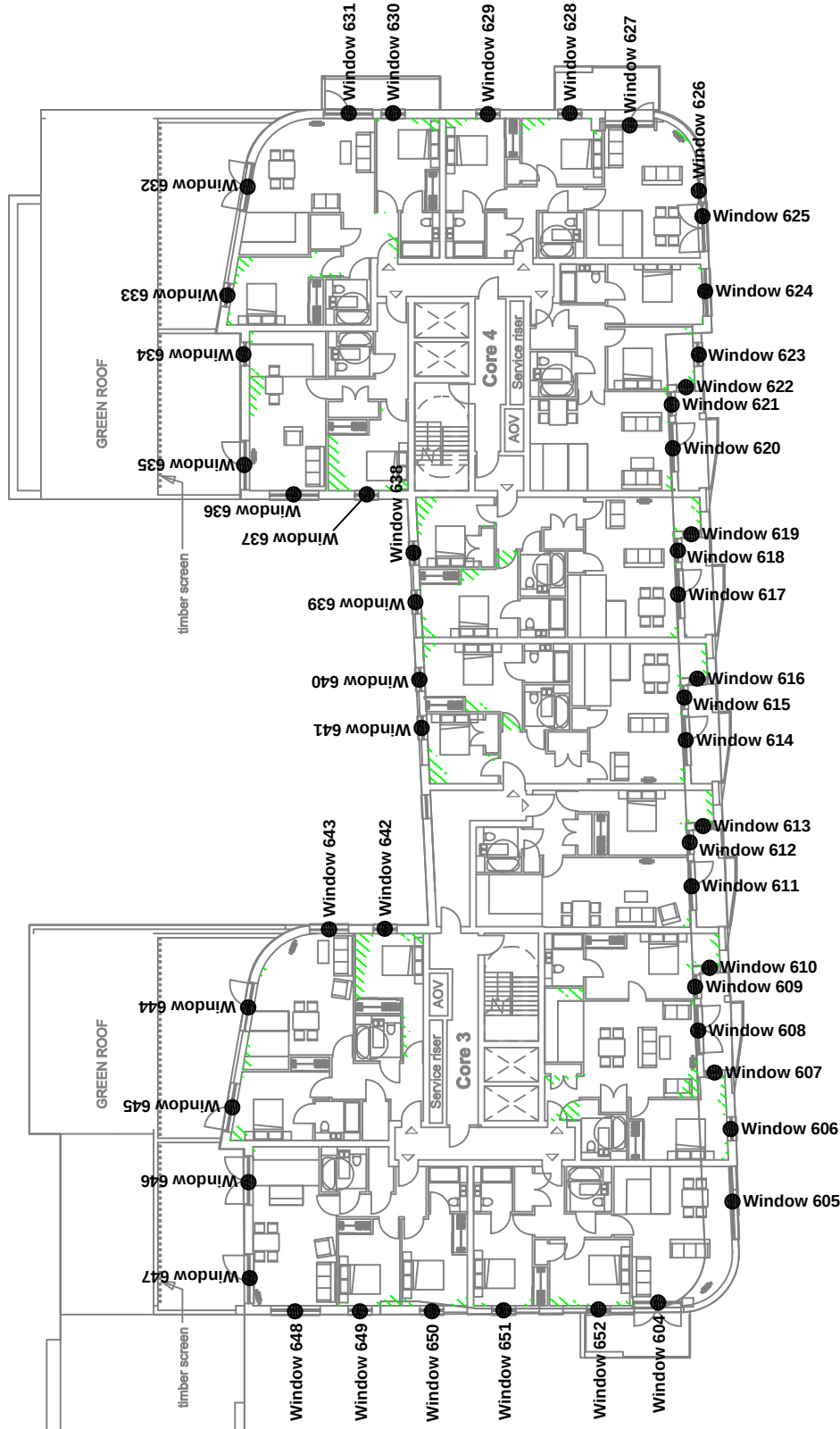
Key:

● 1 Window reference

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

□ Area does receive direct sky light.

▬ Light aperture.



Project Name: 156 Vest End Lane, London N6 1SD

Drawing Title: Window Key

Scale: Do not scale

Drawing No: 11 of 13

Rev. - Details of revision

Rev

Date



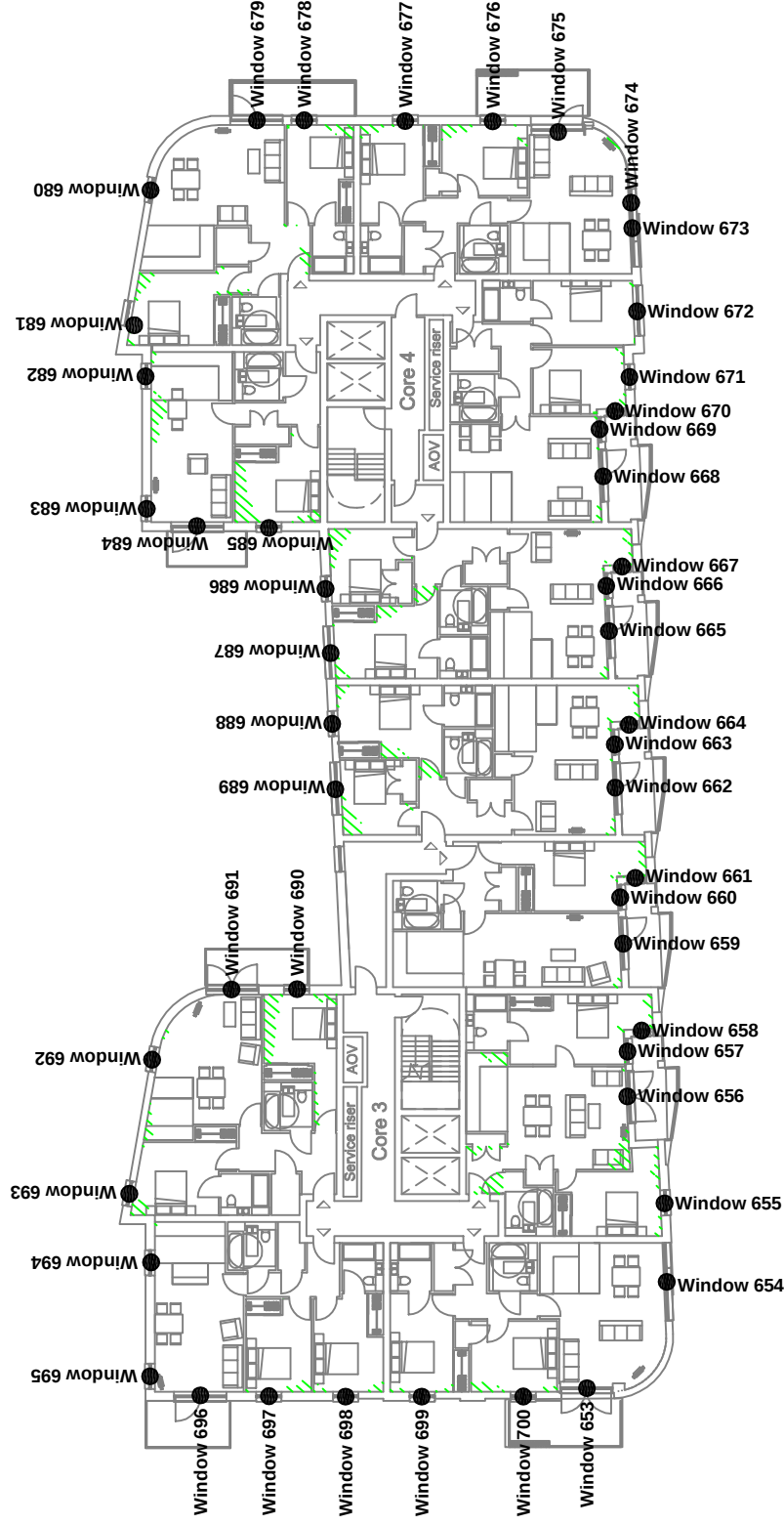
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Appendix 3 No Sky Line Contours

Proposed Fourth Floor East Building



Key:

● 1 Window reference

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

□ Area does receive direct sky light.

Light aperture.

Project Name: 156 Vest End Lane, London NW6 1SD

Drawing Title: Window Key

Scale: Do not scale

Drawing No: 12 of 13

Rev. - Details of revision

Rev

Date



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Appendix 3 No Sky Line Contours

Proposed Fifth Floor East Building

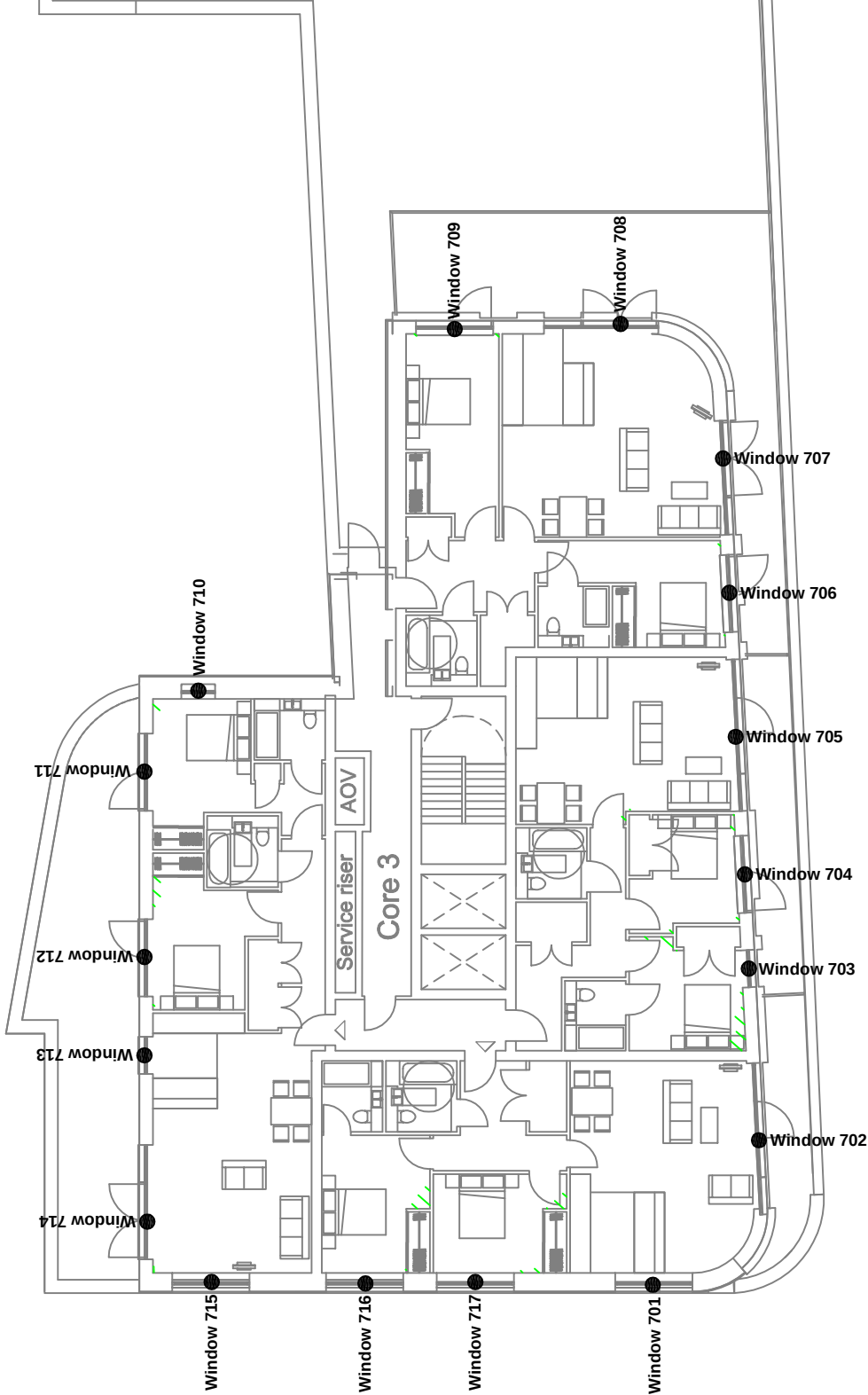
Key:

● 1 Window reference

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

□ Area does receive direct sky light.

Light aperture.



Project Name: 156 Vest End Lane, London NV6 1SD

Drawing Title: Window Key

Scale: Do not scale

Drawing No: 13 of 13

Rev	Date	Details of revision



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APPENDIX 4

OVERSHADOWING TO GARDENS AND OPEN SPACES

Appendix 4 : Overshadowing to Gardens and Open Spaces

Key



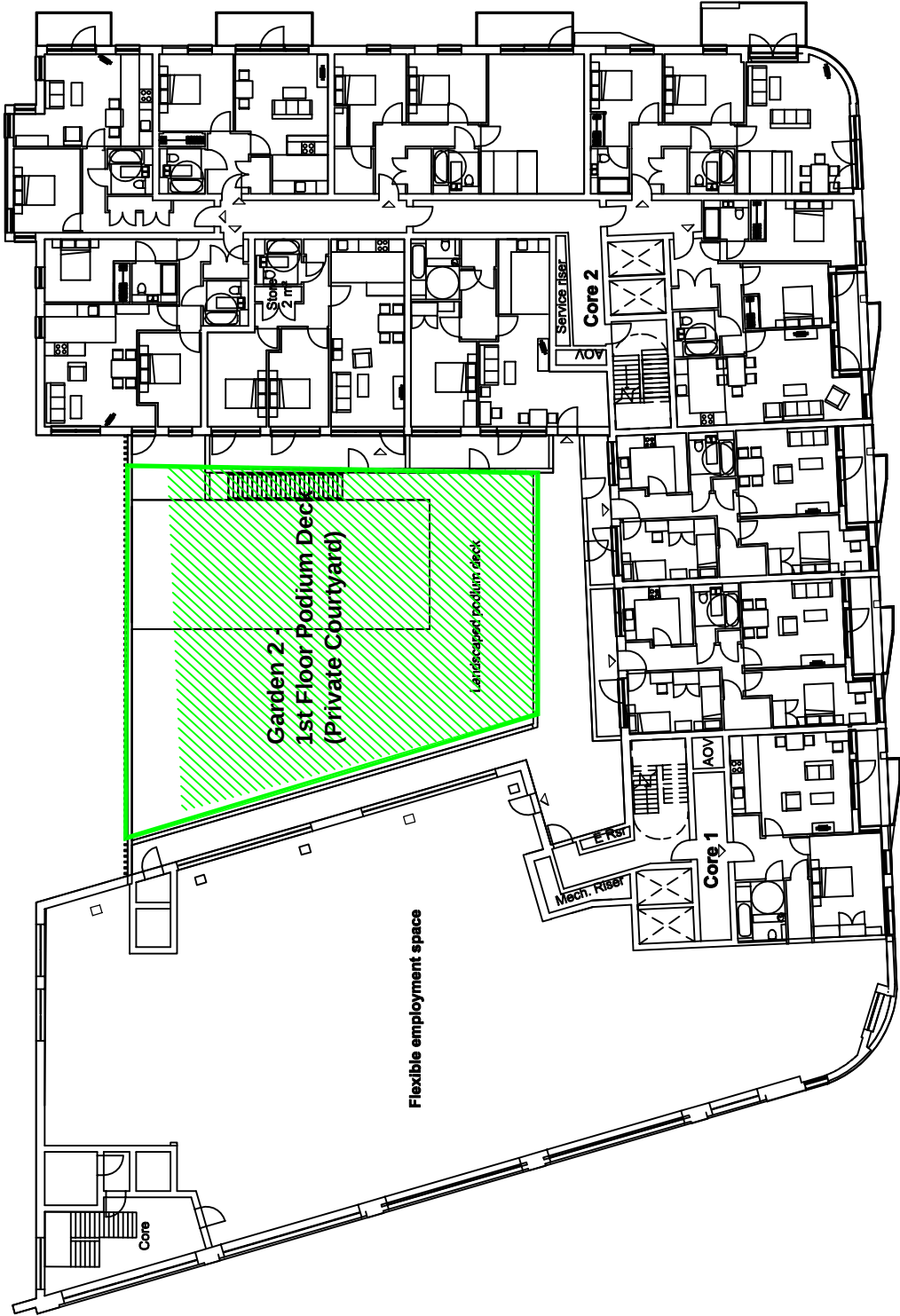
Receives under two hours of sunlight on 21st March before and after the development.



Receives at least two hours of sunlight on 21st March before and after the development.

Notes:

- 1. Contours derived in accordance with BRE Guide : Site Layout Planning for Daylight and Sunlight



Project Name		156 West End Lane, London NW6 1SD	
Drawing Title		Appendix 4 - Overshadowing to Gardens and Open Spaces	
Scale		Do not scale	
Drawing No.		2 of 4	Rev. -
Rev.	Date	Details of revisions	



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Appendix 4 : Overshadowing to Gardens and Open Spaces

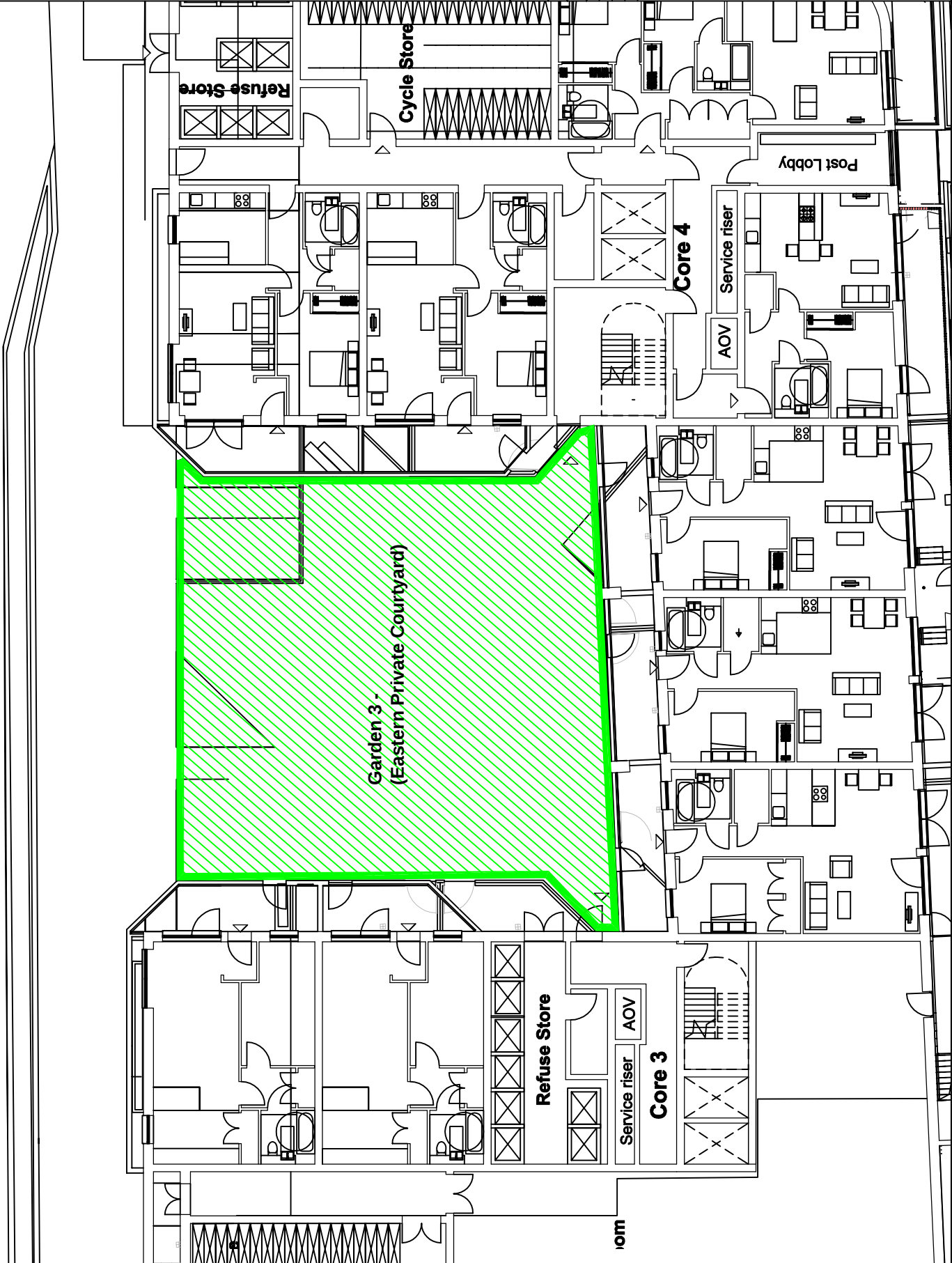
Key



Receives under two hours of sunlight on 21st March before and after the development.



Receives at least two hours of sunlight on 21st March before and after the development.



Notes:

- 1. Contours derived in accordance with BRE Guide : Site Layout Planning for Daylight and Sunlight

Project Name		156 West End Lane, London NW6 1SD	
Drawing Title		Appendix 4 - Overshadowing to Gardens and Open Spaces	
Scale		Do not scale	
Drawing No.		2 of 4	
Rev	Desc	Details of revisions	



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Appendix 4 : Overshadowing to Gardens and Open Spaces

Key



Receives under two hours of sunlight on 21st March before and after the development.



Receives at least two hours of sunlight on 21st March before and after the development.

Notes:

- 1. Contours derived in accordance with BRE Guide : Site Layout Planning for Daylight and Sunlight

Project Name

156 West End Lane, London NW6 1SD

Drawing Title

Appendix 4 - Overshadowing to Gardens and Open Spaces

Scale

Do not scale

Drawing No

4 of 4

Rev

-

Date

01/03/2024

Drawn by

01/03/2024

Checked by

01/03/2024

Approved by

01/03/2024



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