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1 EXECUTIVE SUMMARY

1.1 Overview

- 1.1.1 Right of Light Consulting has been commissioned by London Borough of Camden to undertake a daylight and sunlight study in connection with the development at Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT. The aim of the study is to check whether the proposed accommodation will provide its future occupiers with adequate levels of natural light.
- 1.1.2 The study is based on the numerical tests laid down in the Building Research Establishment (BRE) guide 'Site Layout Planning for Daylight and Sunlight: a good practice guide, 2nd Edition' by P J Littlefair 2011.
- 1.1.3 Appendix 1 identifies the windows analysed in this study. The no sky line contours for the habitable rooms are also presented in Appendix 1. The numerical results of the BRE daylight and sunlight tests are provided in Appendix 2. Overshadowing to gardens and opens spaces contour drawings are provided in Appendix 3.
- 1.1.4 The numerical results demonstrate that the proposed development design achieves a high level of compliance with the BRE recommendations. Whilst a number of rooms do not meet the recommendations, the results are not unusual in the context of an urban location. The overshadowing test confirms that all residents will have access to well sunlit amenity spaces. In our professional opinion, the proposed design will provide the development's future occupiers with adequate levels of natural light.

2 INFORMATION SOURCES

2.1 Documents Considered

2.1.1 This report is based on the following drawings:

Matthew Lloyd Architects

B-100	Block B - Ground Floor Plan	Rev C
B-101	Block B - First Floor Plan	Rev C
B-102	Block B - Second Floor Plan	Rev C
B-103	Block B - Third Floor Plan	Rev C
B-104	Block B - Fourth Floor Plan	Rev C
B-105	Block B - Roof Plan	Rev C
B-200	Block B - North Elevation	Rev C
B-201	Block B - East Elevation	Rev C
B-202	Block B - South Elevation	Rev C
B-203	Block B - West Elevation	Rev C
B-301	Block B - Cross Section	Rev C
BB-101	Babington Court Proposed Entrance	Rev B
BC-002	Blemundsbury Proposed Ground Floor Plan	Rev C
BC-200	Blemundsbury Proposed North Elevation	Rev C
BR-101	Bulky Refuse Store Proposed	Rev B
C-100	Block C - Ground Floor Plan	Rev C
C-101	Block C - First Floor Plan	Rev C
C-102	Block C - Second Floor Plan	Rev C
C-103	Block C - Third Floor Plan	Rev C
C-104	Block C - Roof Plan	Rev C
C-200	Block C - North Elevation	Rev B
C-201	Block C - East Elevation	Rev B
C-202	Block C - South Elevation	Rev B
C-203	Block C - West Elevation	Rev B
C-302	Tybalds SQ- Long Section	Rev C
CL-101	Chancellors Court Proposed Entrance	Rev B
D-100	Block D Ground Floor Plan	Rev C
D-101	Block D Typical Floor Plan 1-5	Rev C
D-102	Block D Typical Upper Floor Plan	Rev C
D-103	Block D Roof Plan	Rev C
D-104	Block D Proposed East Elevation	Rev C
D-105	Block D Proposed West Elevation	Rev C
D-106	Block D Proposed South Elevation	Rev C
D-107	Block D Proposed North Elevation	Rev C
DL-100	Devonshire Lift Proposed Ground Floor	Rev B
DL-101	Devonshire Lift Proposed Typical Floor	Rev B
DL-200	Devonshire Court Lift Proposed Entrance	Rev B
EM-100	Mews_Proposed Ground Floor	Rev C
EM-101	Mews_Proposed First Floor	Rev C
EM-102	Mews_Proposed Second Floor	Rev C
EM-103	Mews_Proposed Roof Plan	Rev C
EM-200	Mews_Proposed South Elevation	Rev C
EM-201	Mews_Proposed East Elevation	Rev B

EM-202	Mews_Proposed North Elevation	Rev C
EM-301	Proposed Mews Proposed Long Sections A&B	Rev C
EM-302	Mews_ Proposed Long Section A	Rev C
EM-303	Mews_ Proposed Long Section B	Rev C
UB-100	Underbuilds: Blemundsbury Proposed Lower Ground Floor Plan	Rev C
UB-200	Underbuilds: Blemundsbury Proposed Set	Rev C
UF-100	Underbuilds: Falcon Proposed Lower	Rev C
	Ground Floor Plan	
UF-200	Underbuilds: Falcon Proposed Set	Rev C
UR-100	Underbuilds: Richbell Proposed Lower	Rev C
	Ground Floor Plan	
UR-200	Underbuilds: Richbell Proposed Set	Rev C
WM-100	Western Mews_Proposed Ground Floor	Rev C
WM-101	Western Mews_Proposed First Floor	Rev C
WM-102	Western Mews_Proposed Second Floor	Rev C
WM-103	Western Mews_Proposed Roof Plan	Rev C
WM-200	Western Mews_Proposed South Elevation	Rev C
WM-201	Western Mews_Proposed North Elevation	Rev C
WM-202	Western Mews_Proposed East Elevation	Rev C
X-102	Proposed Masterplan - Landscape	Rev C

3 METHODOLOGY OF THE STUDY

3.1 Local Planning Policy

- 3.1.1 We understand that the Local Authority takes the conventional approach of considering daylight and sunlight amenity with reference to the various numerical tests laid down in the Building Research Establishment (BRE) guide 'Site Layout Planning for Daylight and Sunlight: a guide to good practice, 2nd Edition' by P J Littlefair 2011. A new European standard BS EN 17037 'Daylight in Buildings' was published in May 2019. An update to the BRE guide to take into account the European standard is expected sometime in 2021. It is not yet clear how, and to what extent, the European recommendations will be adopted by the BRE and Local Authorities.
- 3.1.2 The standards set out in the BRE guide are intended to be used flexibly. The BRE guide states:

"The guide is intended for building designers and their clients, consultants and planning officials. The advice given here is not mandatory and the guide should not be seen as an instrument of planning policy; its aim is to help rather than constrain the designer. Although it gives numerical guidelines, these should be interpreted flexibly, since natural lighting is only one of many factors in site layout design."

3.2 National Planning Policy Framework

3.2.1 The BRE numerical guidelines should be considered in the context of the National Planning Policy Framework (NPPF), which stipulates that local planning authorities should take a flexible approach to daylight and sunlight to ensure the efficient use of land. The NPPF states:

"Local planning authorities should refuse applications which they consider fail to make efficient use of land, taking into account the policies in this Framework. In this context, when considering applications for housing, authorities should take a flexible approach in applying policies or guidance relating to daylight and sunlight, where they would otherwise inhibit making efficient use of a site (as long as the resulting scheme would provide acceptable living standards)."

3.3 Interior Daylighting

3.3.1 The interior daylighting recommendations set out in the 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:

Test 1 - Average Daylight Factor

3.3.2 The Average Daylight Factor (ADF) can be calculated using the following formula:

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

where

T is the diffuse visible transmittance of the glazing

Aw is the net glazed area of the window (m²)

A is the total area of the room surfaces (m²)

R is their average reflectance

Θ is the angle of visible sky in degrees

- 3.3.3 The ADF 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.
- 3.3.4 For the purpose of this study, we have assumed BRE internal reflectance coefficients pertaining to medium wooden floors (0.4), light painted walls (0.8) and matt white painted ceilings (0.85).
- 3.3.5 We have assumed that each window is double-glazed and has a glazed area that equates to 80% of the structural opening size. A glazing transmittance value, inclusive of a maintenance to allow for the effect of dirt and grime on the glazing, of 0.68 has been used.
- 3.3.6 To achieve a predominately daylit appearance, the guide recommends an ADF of 5% or more if there is no supplementary electric lighting, or 2% or more if supplementary lighting is provided. The guide also gives minimum recommendations for dwellings of 2% for kitchens, 1.5% for living rooms and 1% for bedrooms. The minimum targets have been adopted for the purpose of this study.

- 3.3.7 The BRE guide does not give guidance on how to apply the ADF test to spaces which contain a mix of room uses e.g. open plan living, dining and kitchen areas. For this assessment we have set a target of 2% with the aim of reaching the predominately daylit benchmark.
- 3.3.8 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.
- 3.3.9 Reflected light can be factored into the ADF calculation. For example, where a window has a large obstruction in front of it, the angle of visible sky can be increased by around 6°, assuming the obstruction is painted a light colour.

Test 2 - Room Depth

3.3.10 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:

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

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

Test 3 - Position of the no sky line (Daylight Distribution)

3.3.11 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.

3.3.12 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.

3.4 Sunlight to Windows

- 3.4.1 The BRE guide states that, in general, a dwelling or non-domestic building which has a particular requirement for sunlight, will appear reasonably sunlit if:
 - at least one main window wall faces within 90 degrees of due south, and
 - the centre of at least one window to a main living room can receive 25% of annual probable sunlight hours, including at least 5% of the annual probable sunlight hours during the winter months between 21st September and 21st March.
- 3.4.2 The guide states that, where groups of dwellings are planned, site layout design should aim to maximise the number of dwellings with a main living room that meets the above recommendations.
- 3.4.3 The guide states that sunlight is viewed as less important in kitchens and bedrooms.

3.5 Overshadowing to Gardens and Open Spaces

- 3.5.1 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.
- 3.5.2 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 and No Sky Line Contours

4.1.1 Appendix 1 identifies the positions of the windows analysed in this study. The no skyline contours for the habitable rooms are also presented in Appendix 1.

4.2 Daylight & Sunlight Data

- 4.2.1 The numerical results of the BRE daylight and sunlight tests are provided in Appendix
 - 2. Overshadowing to gardens and opens spaces contour drawings are provided in Appendix 3.

4.3 Interior Daylighting

- 4.3.1 The results confirm that around 81% of all habitable rooms tested meet or surpass the BRE minimum Average Daylight Factor (ADF) targets (i.e. 34 of the total 183 rooms fall short of their ADF targets). A summary of where the rooms which fall short is provided below:
 - Block B 1 L/D/K Room
 - Block C 3 Dining/Kitchens
 - Block D 6 Bedrooms
 - Eastern Mews 3 Dining/Kitchens
 - Western Mews 3 L/D/K's, 1 Living Room, 1 Bedroom & 1 Dining Kitchen
 - Falcon 1 L/D/K, 1 Living Room and 1 Bedroom
 - Richbell 2 Living Rooms and 3 Bedrooms
 - Blemundsbury 3 L/D/K's and 4 Bedrooms
- 4.3.2 Further to the above, as explained in paragraphs 3.3.6 and 3.3.7 of this report, whilst the BRE guide gives minimum targets for living rooms, bedrooms and kitchens, no equivalent target is given for open plan rooms comprising two or more uses. Therefore, we have adopted the more onerous 2% target for these rooms. 6 of the 34 rooms that do not achieve an ADF of 2%, achieve an ADF of 1.5%, which is the minimum recommended target for living rooms. In overall terms, the ADF scores represent a very high level of compliance in the context of an urban development site.
- 4.3.3 All rooms pass the room depth test.

4.3.4 The BRE guide does not give fixed numerical pass/fail criteria for the No Sky Line test when applied to new dwellings. However, for completeness, we have illustrated the no sky line contours in Appendix 1.

4.4 Sunlight to Windows

- 4.4.1 The BRE guide acknowledges that, in some cases, it may not be possible for every dwelling to achieve ideal levels of sunlight. The guide explains that, where groups of dwellings are planned, the aim should be to maximise the number of dwellings that:
- 4.4.2 have at least one main window that faces within 90 degrees of due south, and
- 4.4.3 have at least one window to a main living room that meets the BRE numerical targets.
- 4.4.4 In the case of the proposed development, 51 of the 62 units have a living room window which faces within 90 degrees of due south. 26 of the 51 units have a living room window which meets the BRE numerical targets.
- 4.4.5 In our opinion, the proposed development represents good site layout design. Since the design maximises sunlight availability, as far as practically possible given the constraints of the site, the BRE direct sunlight to windows recommendations for groups of dwellings have been met.

4.5 Overshadowing to Gardens and Open Spaces

- 4.5.1 The results show that the amenity spaces located within the mews blocks and the lower ground floor levels of the Falcon, Richbell and Blemundsbury buildings do not achieve at least two hours of sunlight on 21 March.
- 4.5.2 Notwithstanding the above, we note that all residents will have access to the Tybalds Square, a communal space in the centre of the estate. There are other pockets of communal space across the Estate also. The Mews houses also have private roof terraces. The results confirm that the main communal amenity spaces within the estate achieve excellent levels of sunlight. At least 72% of the area of each communal amenity space will receive at least two hours of sunlight on 21 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 21 March. The

proposed development therefore achieves a satisfactory amount of sunlight to gardens and open spaces.

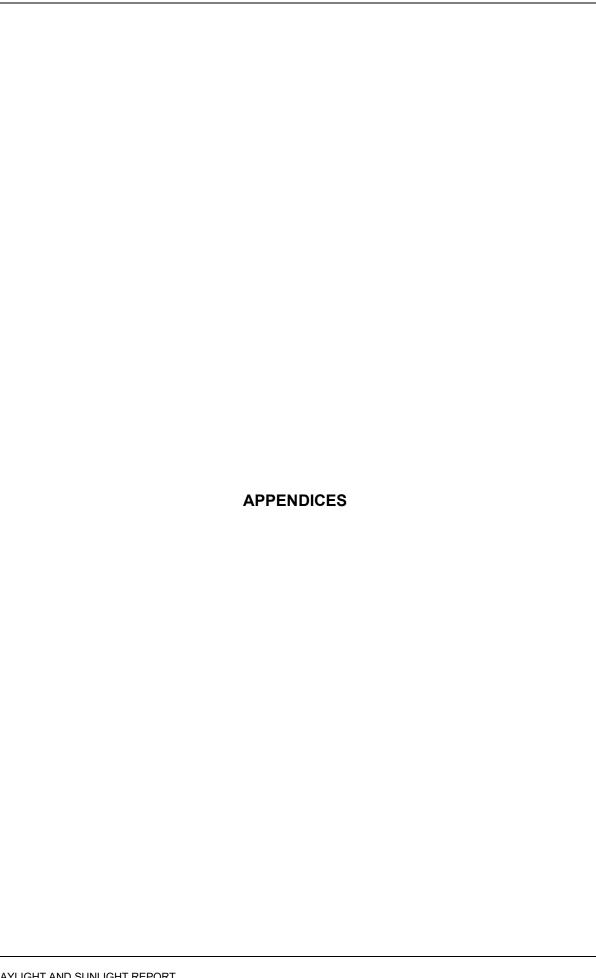
4.6 Conclusion

4.6.1 The numerical results demonstrate that the proposed development design achieves a high level of compliance with the BRE recommendations. Whilst a number of rooms do not meet the recommendations, the results are not unusual in the context of an urban location. The overshadowing test confirms that all residents will have access to well sunlit amenity spaces. In our professional opinion, the proposed design will provide the development's future occupiers with adequate levels of natural light.

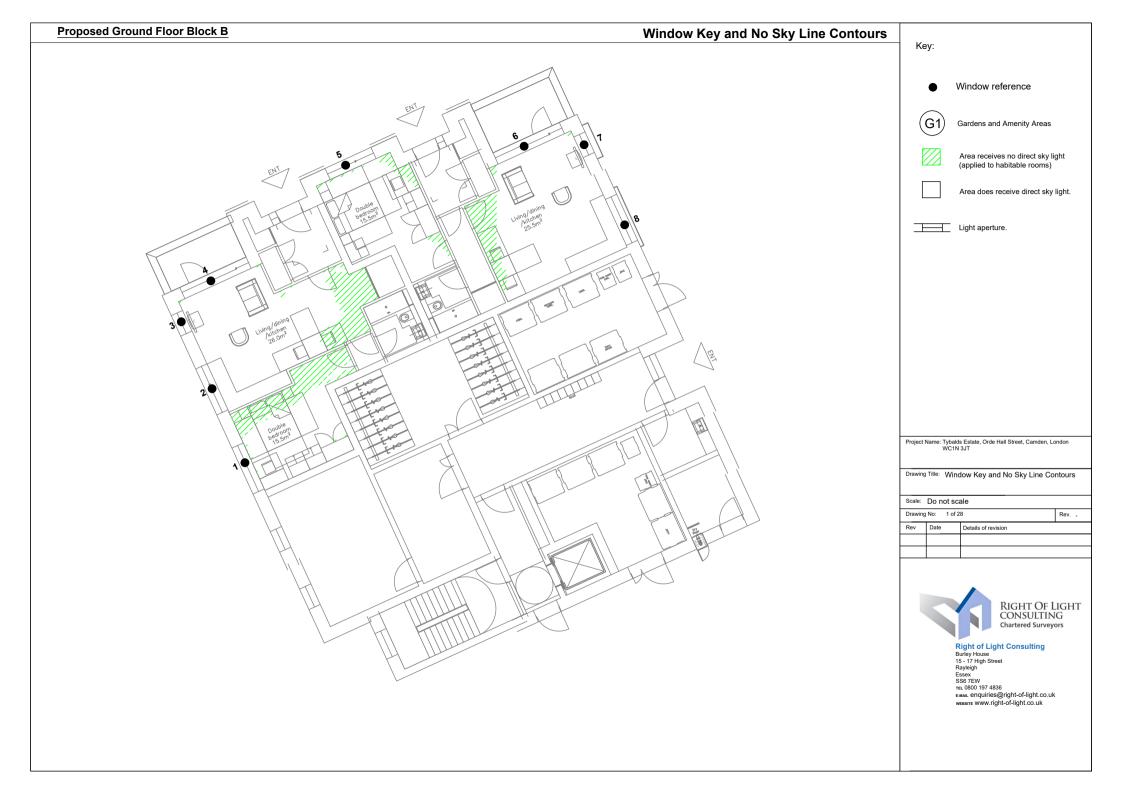
5 CLARIFICATIONS

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 The study is limited to assessing daylight, sunlight and overshadowing of the proposed development as set out in section 2.1, 3.1 and 3.3 of the BRE Guide.
- 5.1.3 The study is based on the information listed in section 2 of this report and a visit to the site.
- 5.1.4 We have undertaken the survey following the guidelines of the RICS publication "Surveying Safely". Where limited access is available, assumptions will have been made.
- 5.1.5 This report is based upon and subject to the scope of work set out in Right of Light Consulting's quotation and standard terms and conditions.

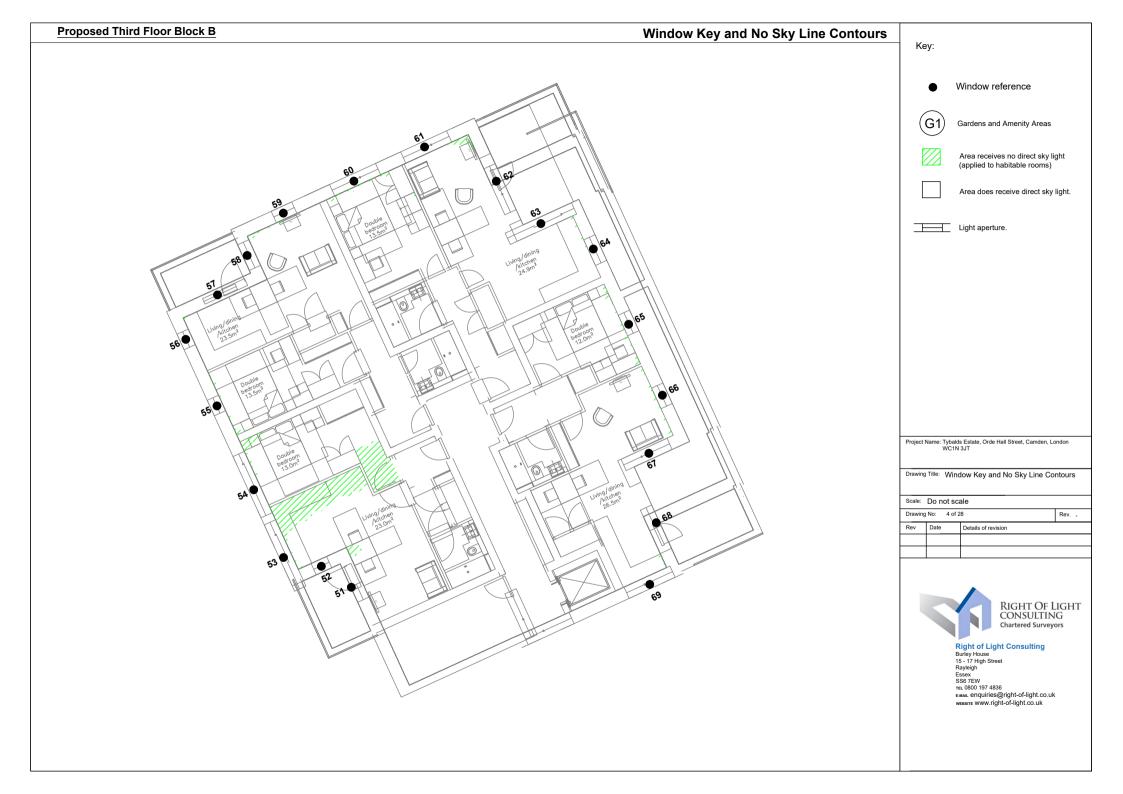


APPENDIX 1
WINDOW KEY & NO SKY LINE CONTOURS
WINDOW RET WING ORT EINE GONTOORG



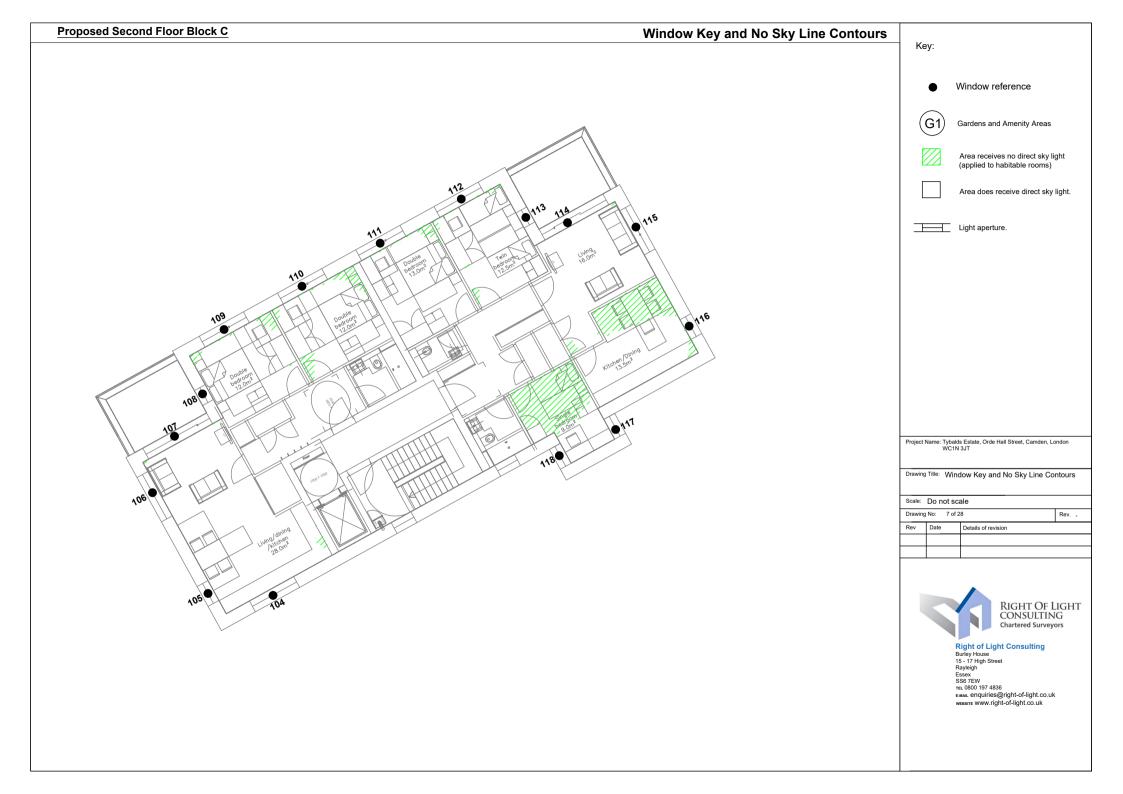


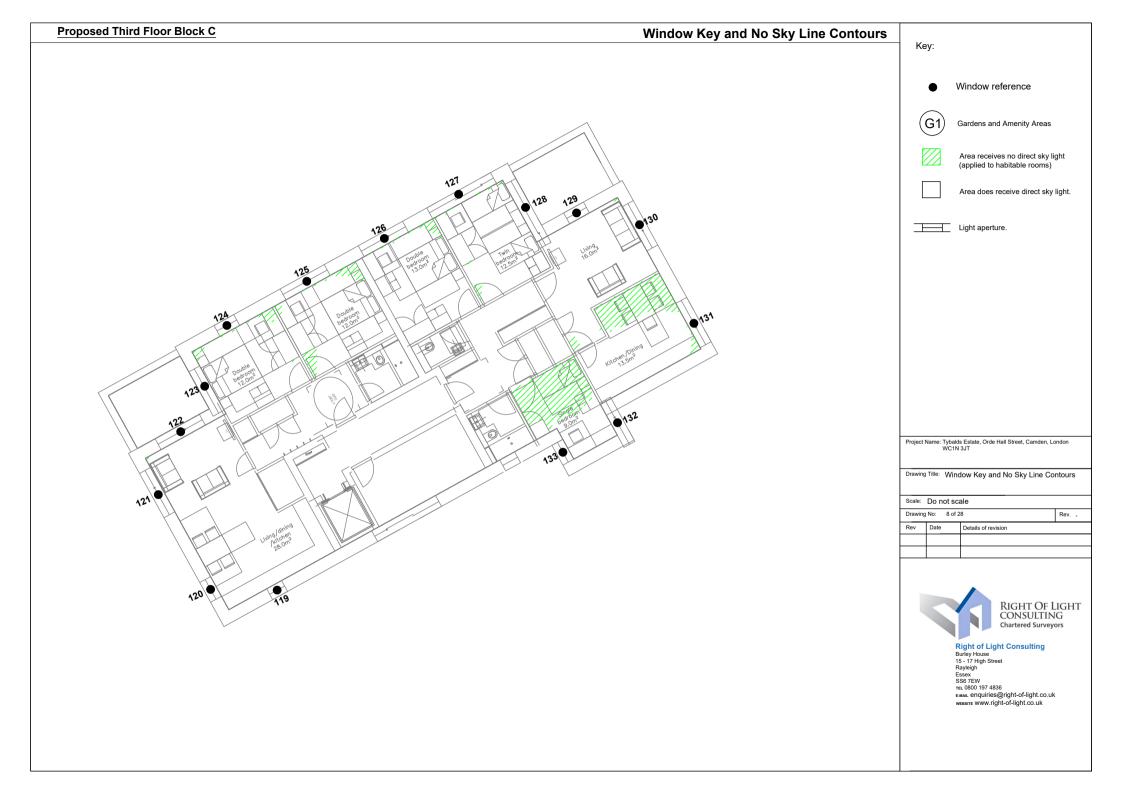


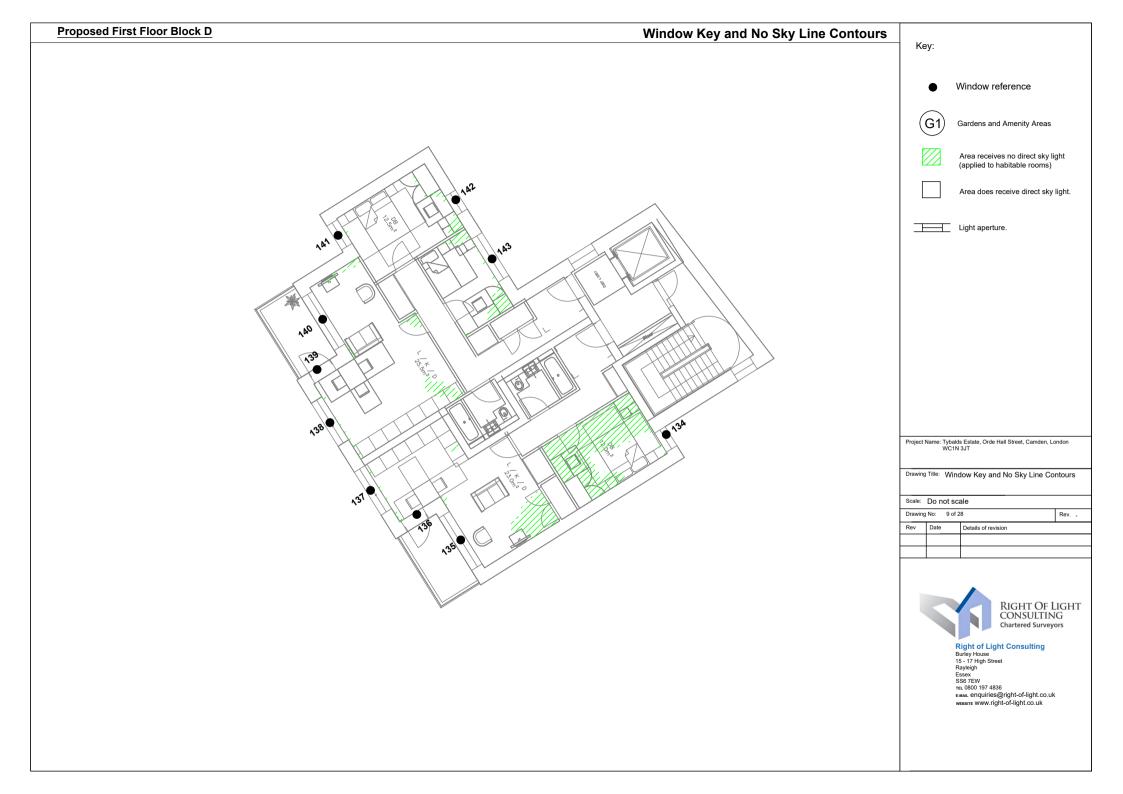


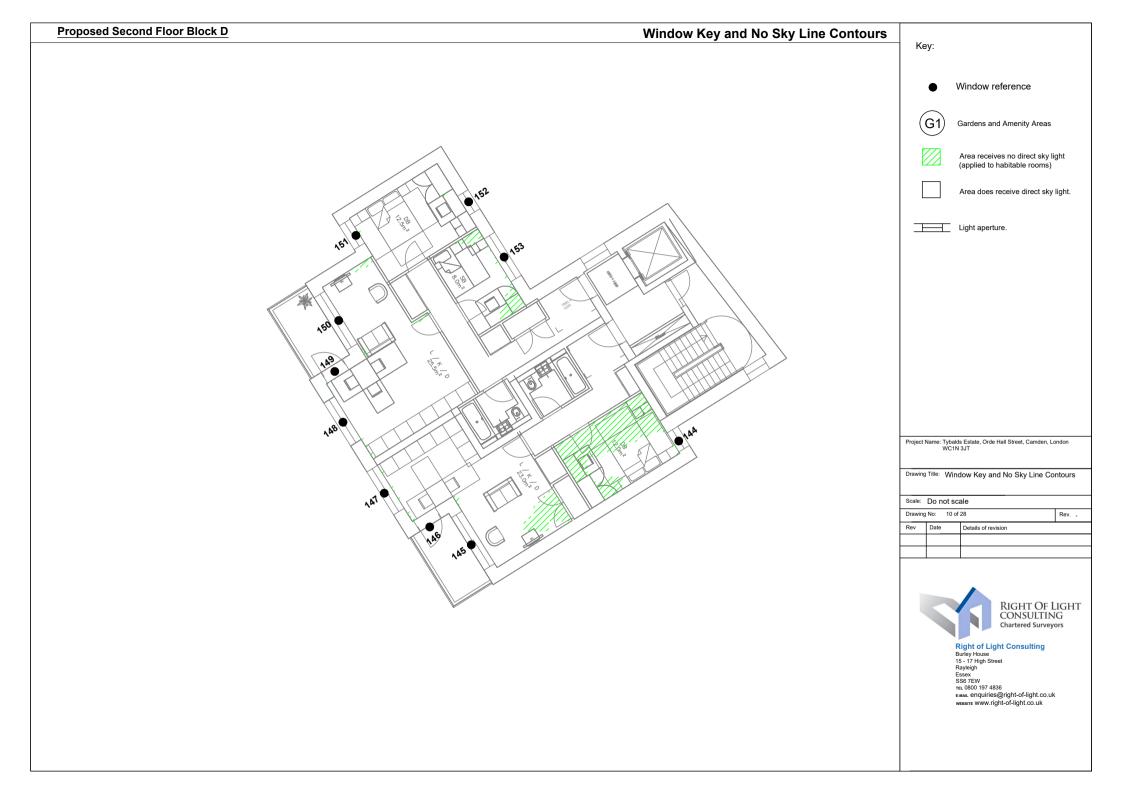


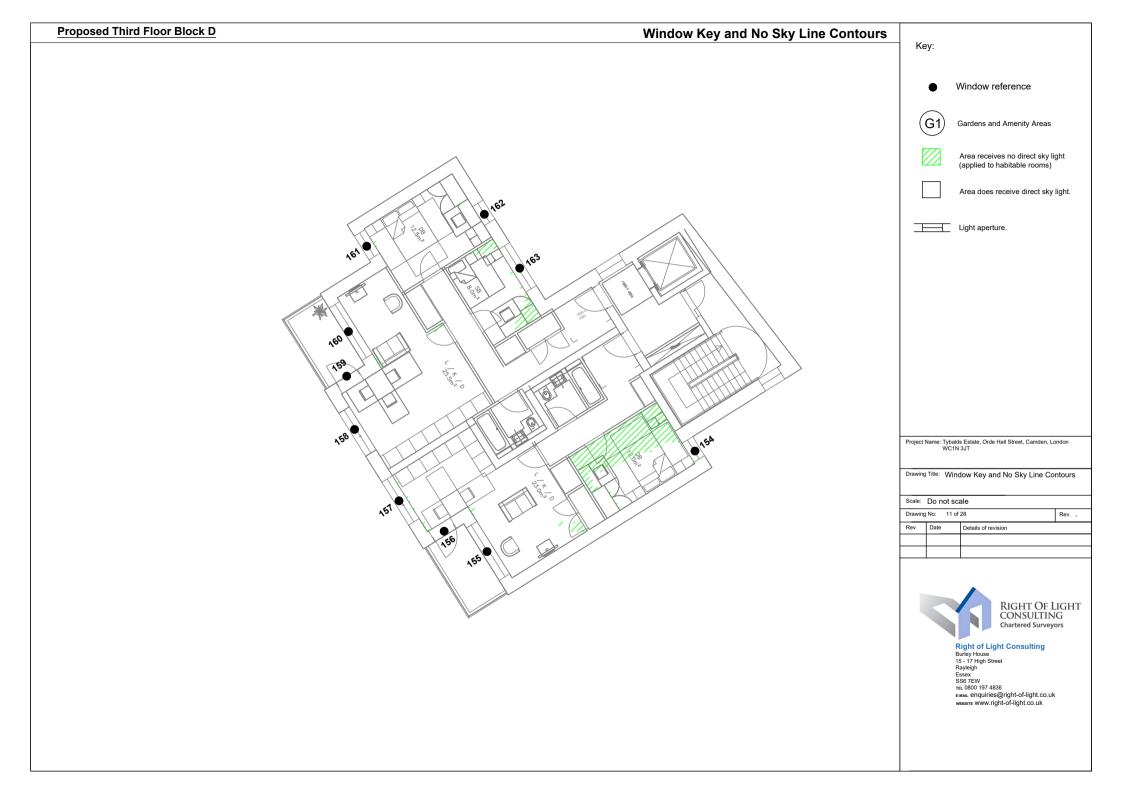


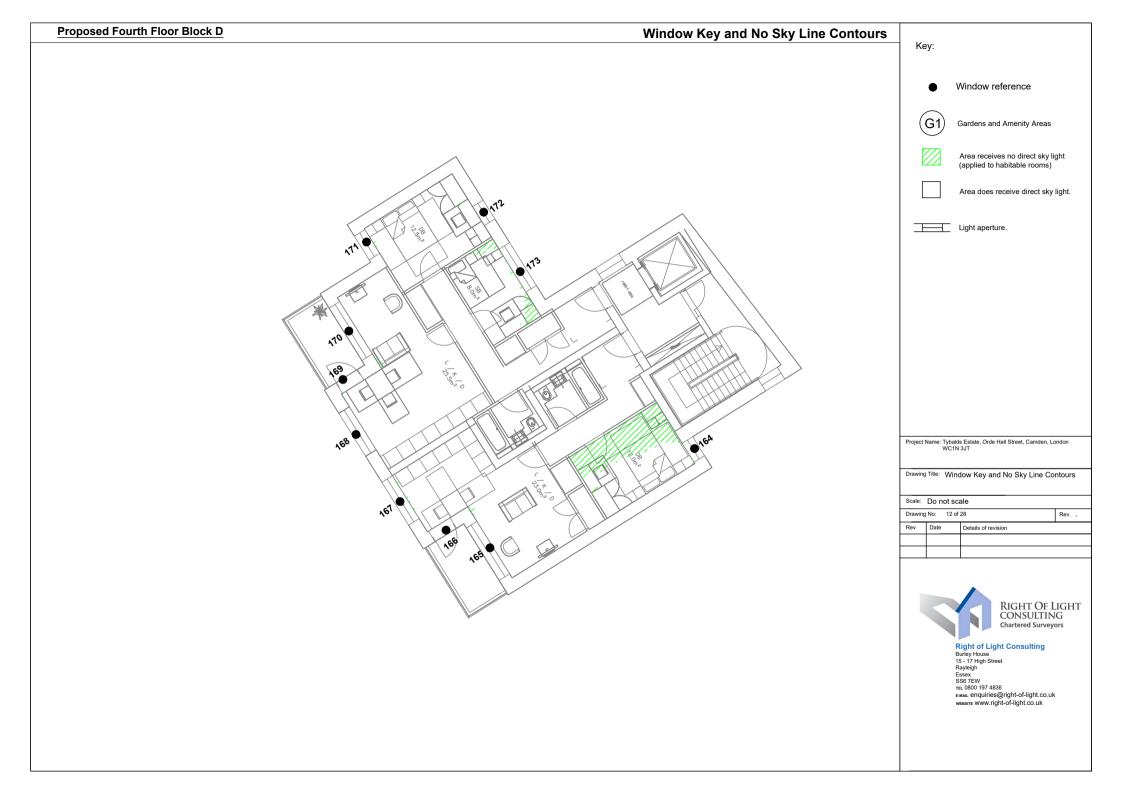


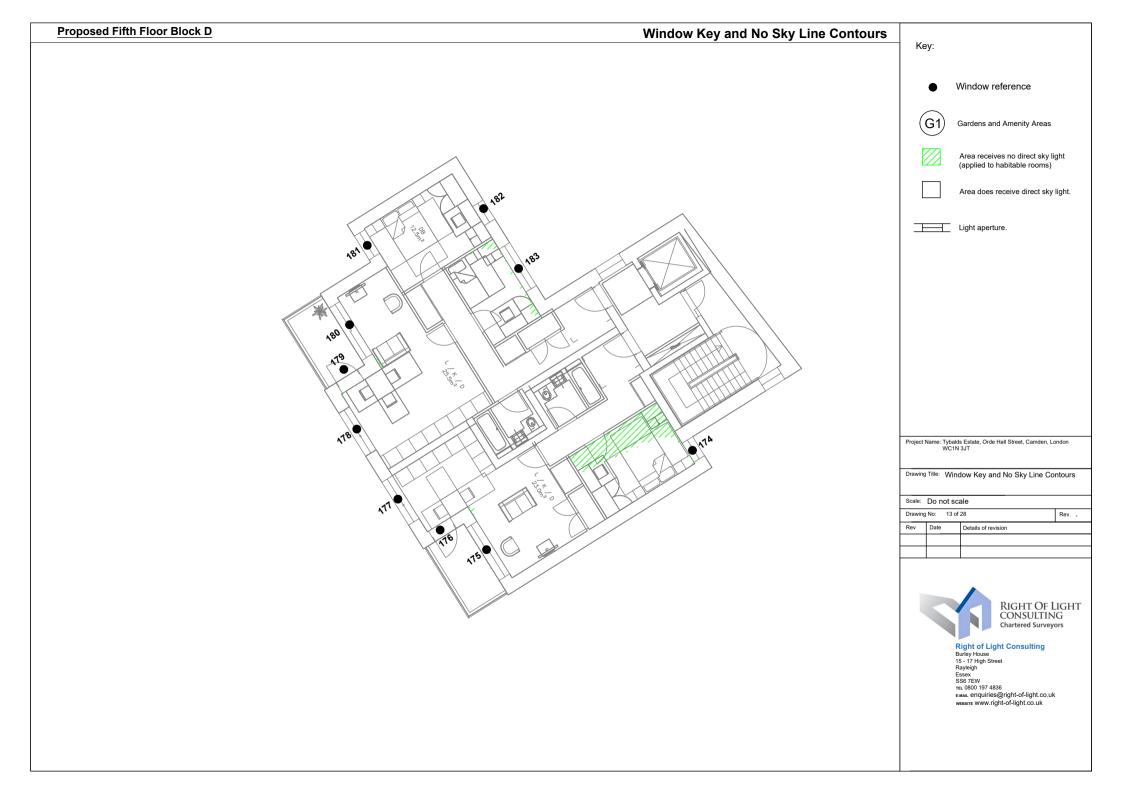






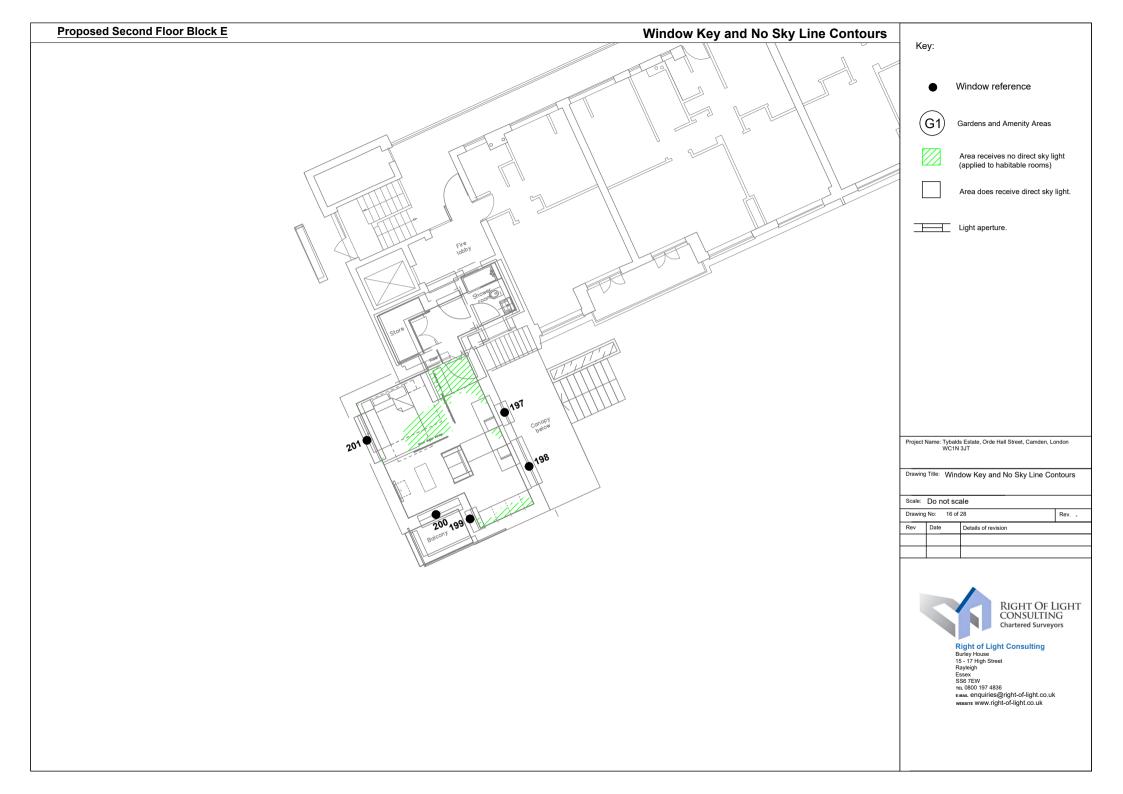


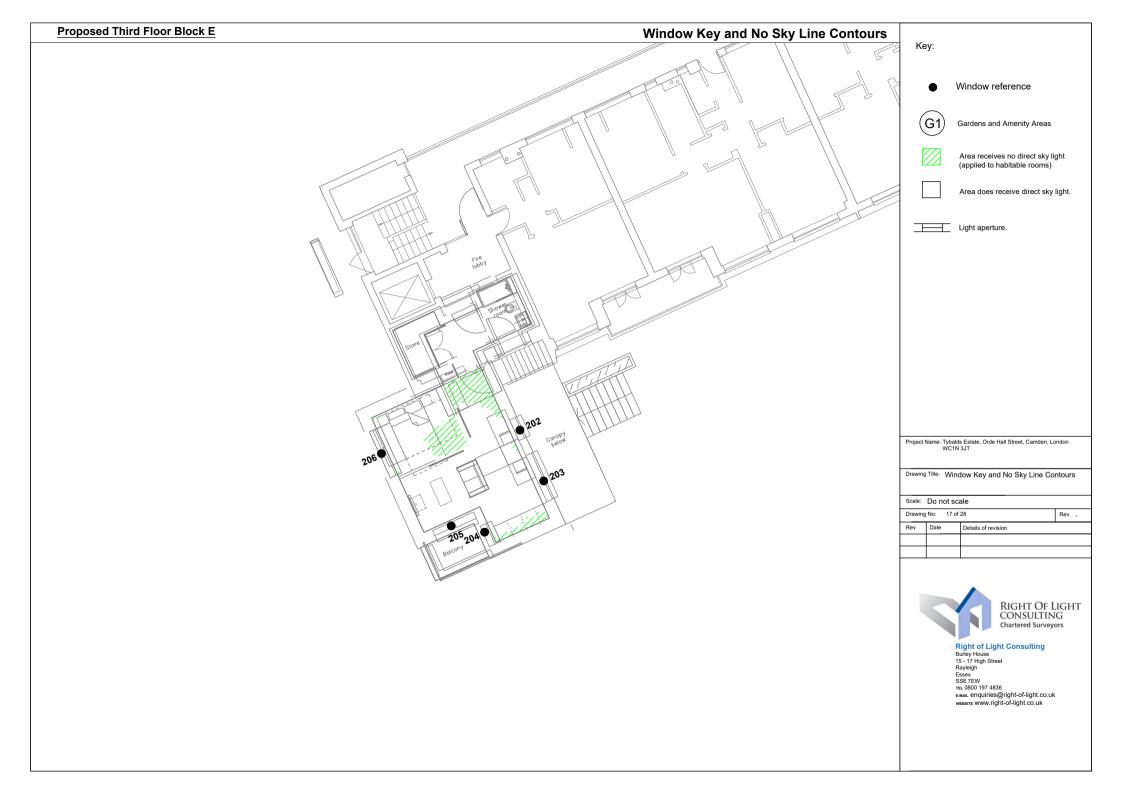




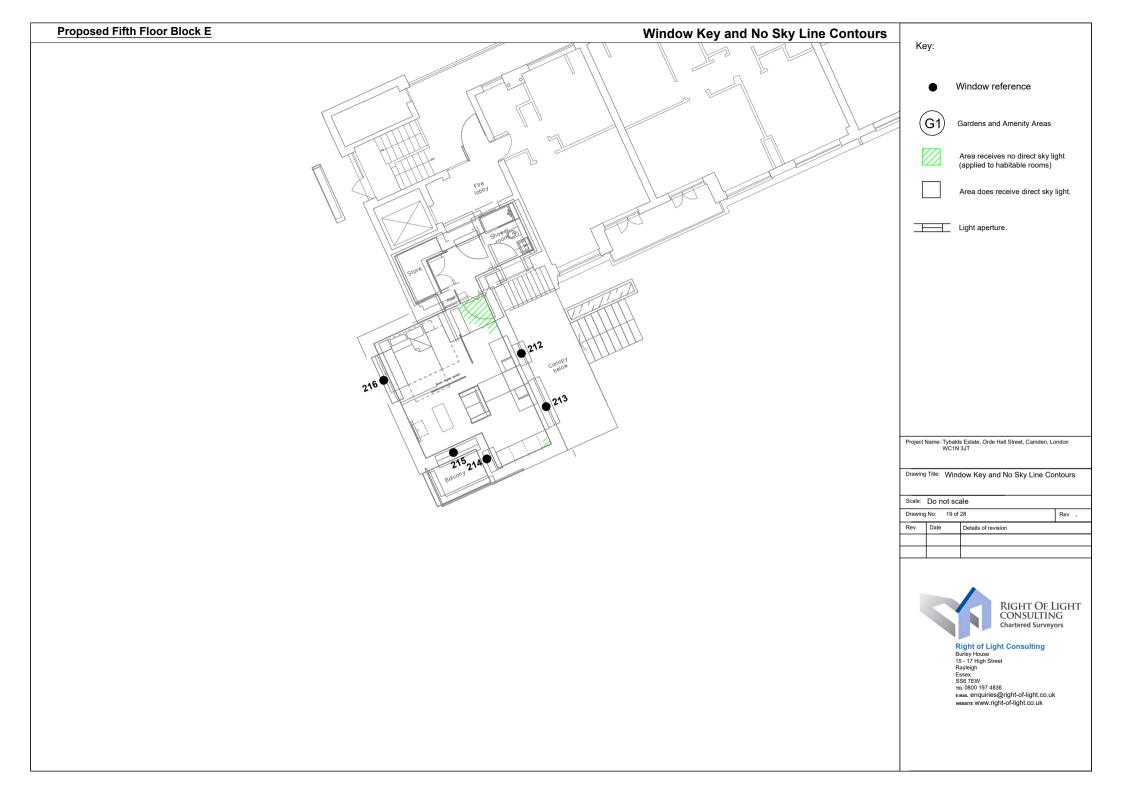


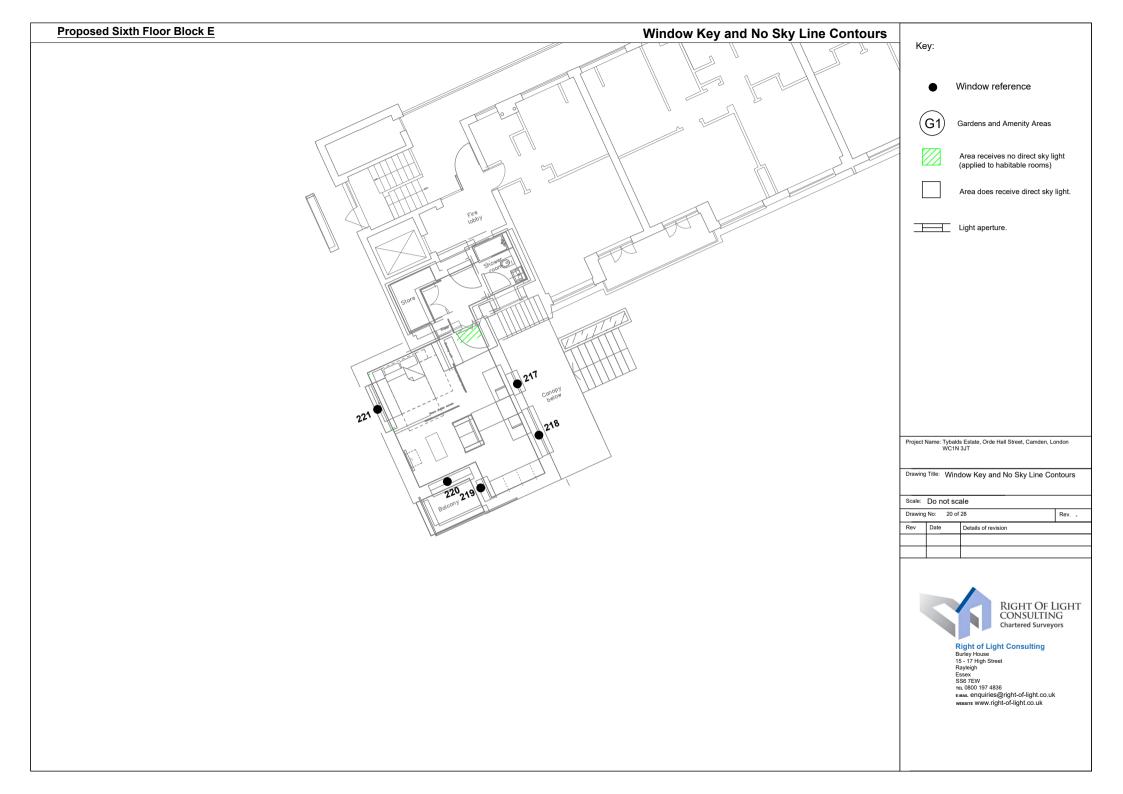


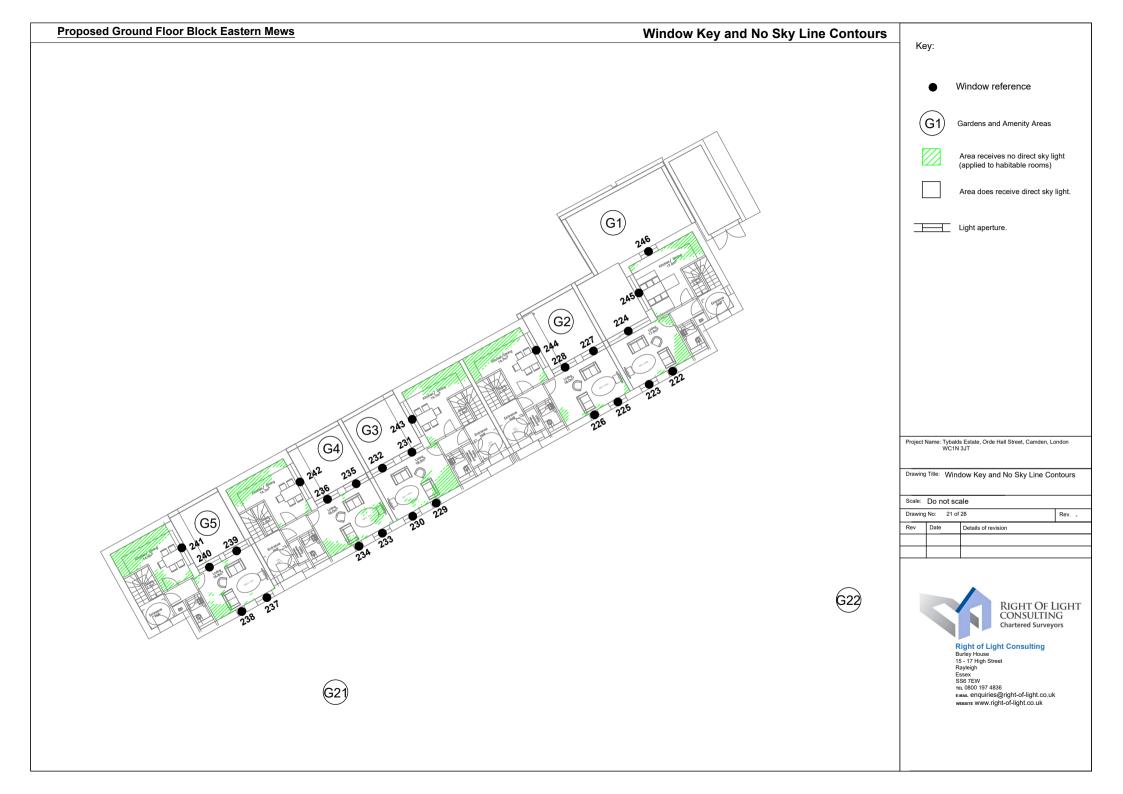


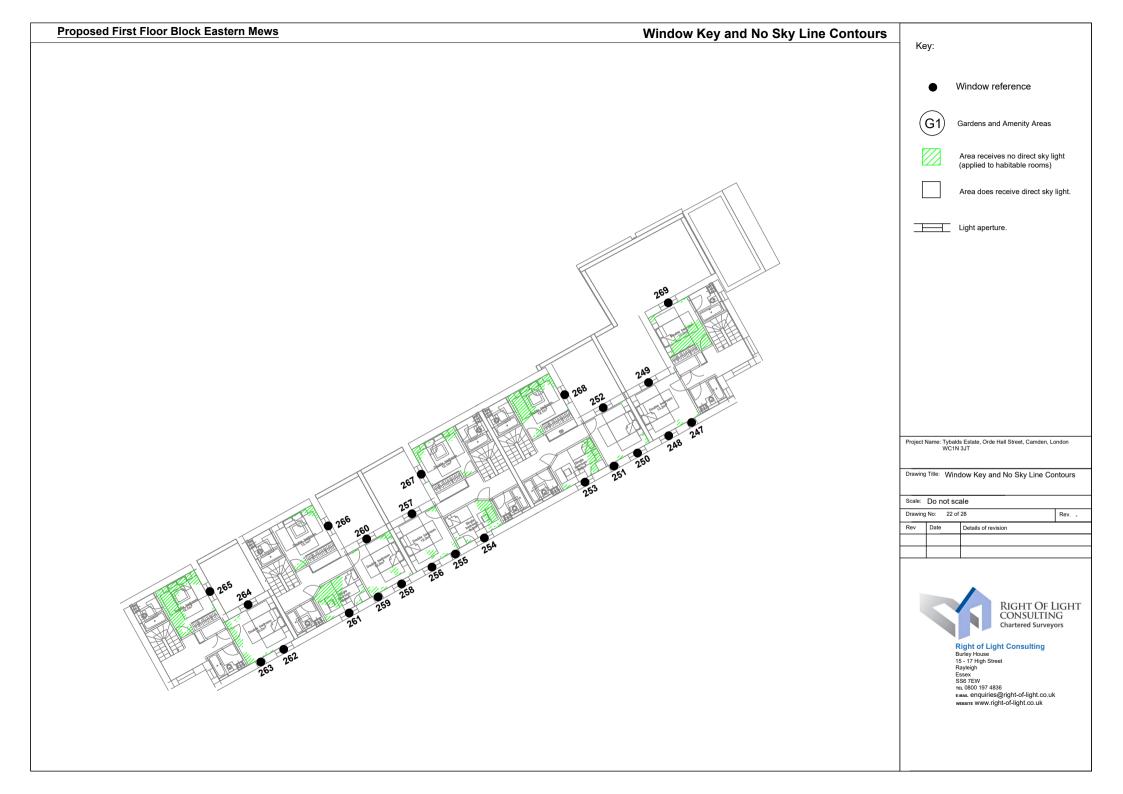


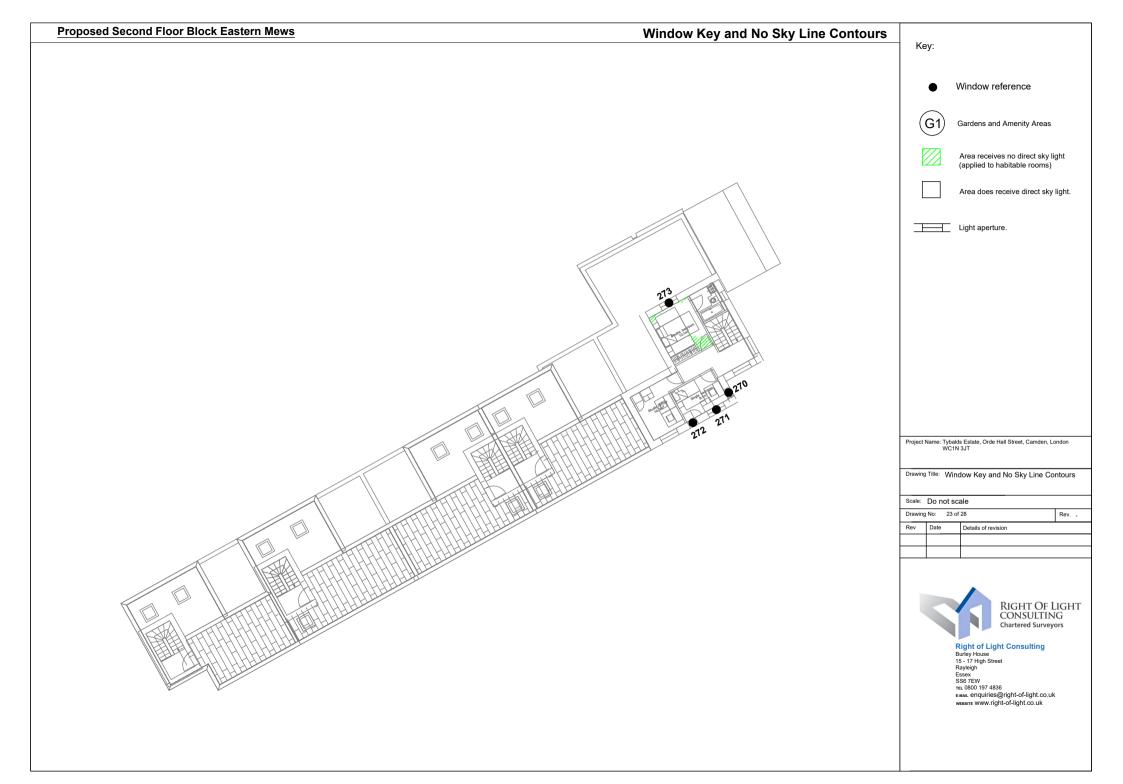


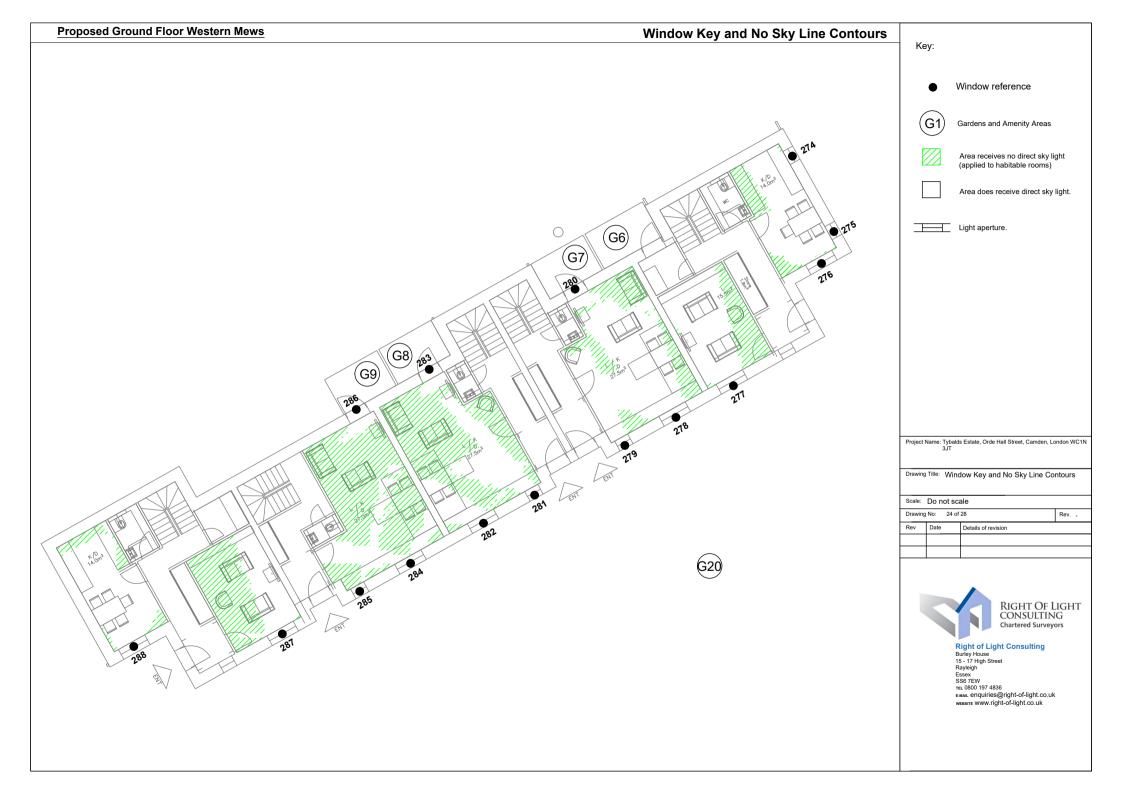


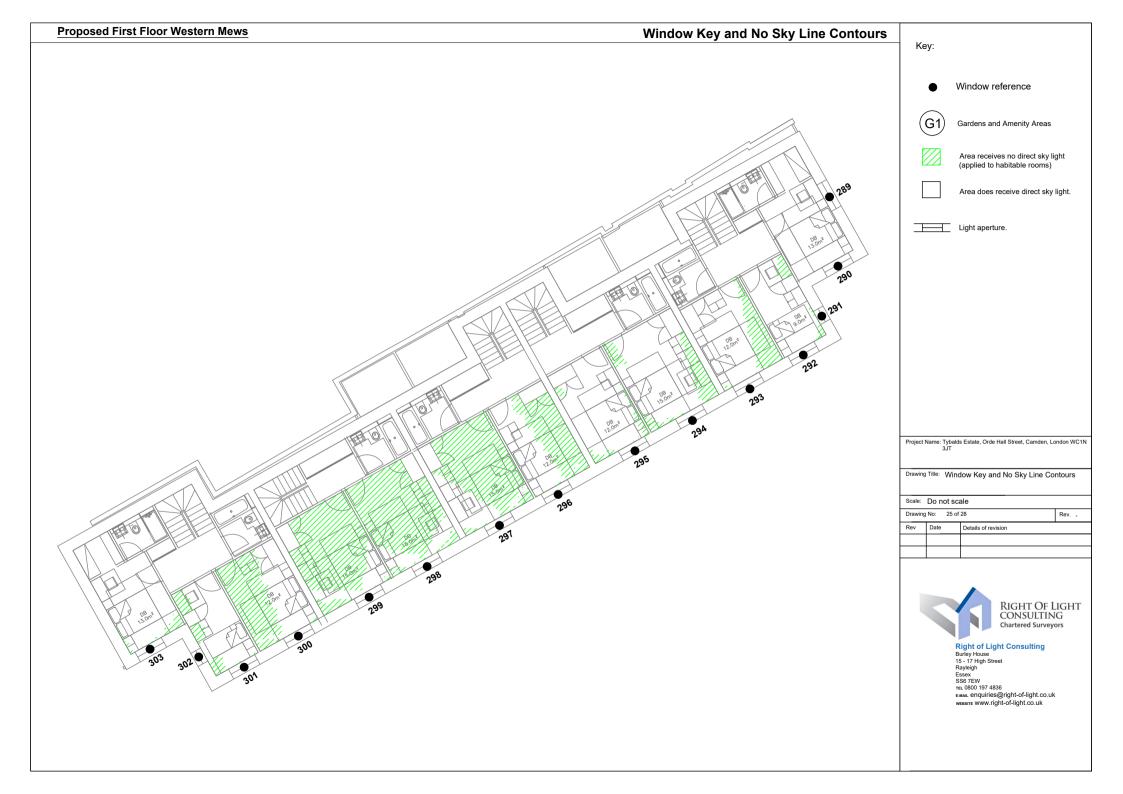


















	APPENDIX 2 DAYLIGHT & SUNLIGHT DATA	
	DATLIGHT & SUNLIGHT DATA	
AYLIGHT AND SUNLIGHT REPORT		

Appendix 2 - Average Daylight Factor (ADF)

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

5.4	Target ADF based on ro	om use	Average Daylight Factor Coefficients						- ·
Reference	Primary room use	ADF	Т	Aw	А	R	θ	ADF	Result
Proposed Block B									
Ground Floor Block B									
Window 1	Bedroom	1.0%	0.68	2.56	78.97	0.71	43.1	1.9%	Pass
Window 2			0.68	2.56	119.26	0.67	42.7	1.1%	
Window 3			0.68	1.15	119.26	0.67	41.9	0.5%	
Window 4 (lower)			0.68	2.0	119.26	0.67	40.3	0.3%	
Window 4 (upper)			0.68	3.82	119.26	0.67	30.0	1.2%	
Total ADF for room	Living/Dining/Kitchen	2.0%						3.1%	Pass
Window 5	Bedroom	1.0%	0.68	2.56	80.91	0.71	61.6	2.7%	Pass
Window 6			0.68	2.56	106.95	0.65	46.2	1.3%	
Window 6			0.68	1.15	106.95	0.65	46.9	0.6%	
Window 7 (lower)			0.68	2.0	106.95	0.65	42.8	0.4%	
Window 8 (upper)			0.68	3.82	106.95	0.65	28.1	1.2%	
Total ADF for room	Living/Dining/Kitchen	2.0%						3.5%	Pass
First Floor Block B									
Window 9 (lower)			0.68	1.84	105.5	0.68	29.1	0.3%	
Window 9 (upper)			0.68	3.52	105.5	0.68	18.6	0.8%	
Window 10			0.68	0.87	105.5	0.68	3.6	0.0%	
Window 11			0.68	1.15	105.5	0.68	45.7	0.6%	
Total ADF for room	Living/Dining/Kitchen	2.0%						1.7%	Fail
Window 12	Bedroom	1.0%	0.68	2.56	79.82	0.72	46.2	2.1%	Pass
Window 13	Bedroom	1.0%	0.68	2.56	72.99	0.72	45.8	2.2%	Pass
Window 14			0.68	1.15	110.14	0.66	45.1	0.6%	
Window 15 (lower)			0.68	2.0	110.14	0.66	38.1	0.3%	
Window 15 (upper)			0.68	3.8	110.14	0.66	31.8	1.3%	
Window 16 (lower)			0.68	0.47	110.14	0.66	18.6	0.0%	
Window 16 (upper)			0.68	0.89	110.14	0.66	12.3	0.1%	
Window 17			0.68	2.56	110.14	0.66	63.5	1.8%	
Total ADF for room	Living/Dining/Kitchen	2.0%						4.1%	Pass
Window 18	Bedroom	1.0%	0.68	2.56	68.91	0.72	65.2	3.4%	Pass

Appendix 2 - Average Daylight Factor (ADF)

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

Reference	Target ADF based on ro	om use	Aver	Average Daylight Factor Coefficients					
Reference	Primary room use	ADF	Т	Aw	А	R	θ	ADF	Resul
Window 19			0.68	2.56	113.94	0.66	66.4	1.8%	
Window 20 (lower)			0.68	0.21	113.94	0.66	27.6	0.0%	
Window 20 (upper)			0.68	0.89	113.94	0.66	18.6	0.2%	
Window 21 (lower)			0.68	2.0	113.94	0.66	44.8	0.4%	
Window 21 (upper)			0.68	3.8	113.94	0.66	32.2	1.3%	
Window 22			0.68	1.15	113.94	0.66	57.6	0.7%	
Total ADF for room	Living/Dining/Kitchen	2.0%						4.4%	Pass
Window 23	Bedroom	1.0%	0.68	2.56	47.11	0.7	57.0	4.2%	Pass
Window 24	Bedroom	1.0%	0.68	2.56	61.44	0.7	56.4	3.2%	Pass
Window 25	Bedroom	1.0%	0.68	2.56	48.46	0.7	55.5	3.9%	Pass
Window 26			0.68	1.15	117.97	0.67	54.4	0.6%	
Window 27 (lower)			0.68	2.0	117.97	0.67	34.1	0.3%	
Window 27 (upper)			0.68	4.23	117.97	0.67	11.8	0.5%	
Window 28 (lower)			0.68	0.21	117.97	0.67	21.9	0.0%	
Window 28 (upper)			0.68	0.89	117.97	0.67	12.2	0.1%	
Window 29			0.68	1.43	117.97	0.67	47.1	0.7%	
Total ADF for room	Living/Dining/Kitchen	2.0%						2.2%	Pass
Second Floor Block B									
Window 30 (lower)			0.68	1.84	105.5	0.68	31.2	0.3%	
Window 30 (upper)			0.68	3.52	105.5	0.68	22.9	1.0%	
Window 31			0.68	0.87	105.5	0.68	4.7	0.0%	
Window 32			0.68	1.15	105.5	0.68	48.5	0.7%	
Total ADF for room	Living/Dining/Kitchen	2.0%						2.0%	Pass
Window 33	Bedroom	1.0%	0.68	2.56	79.82	0.72	49.3	2.2%	Pass
Window 34	Bedroom	1.0%	0.68	2.56	72.99	0.72	49.1	2.4%	Pass
Window 35			0.68	1.15	110.14	0.66	48.3	0.6%	
Window 36 (lower)			0.68	2.0	110.14	0.66	39.2	0.3%	
Window 36 (upper)			0.68	3.8	110.14	0.66	35.4	1.5%	
Window 37 (lower)			0.68	0.47	110.14	0.66	20.9	0.0%	
Window 37 (upper)			0.68	0.89	110.14	0.66	14.9	0.1%	

Appendix 2 - Average Daylight Factor (ADF)

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

Deference	Target ADF based on ro	om use	Aver	Average Daylight Factor Coefficients					Doorth
Reference	Primary room use	ADF	Т	Aw	Α	R	θ	ADF	Result
Window 38			0.68	2.56	110.14	0.66	66.6	1.9%	
Total ADF for room	Living/Dining/Kitchen	2.0%						4.4%	Pass
Window 39	Bedroom	1.0%	0.68	2.56	68.91	0.72	68.8	3.6%	Pass
Window 40			0.68	2.56	113.94	0.66	70.5	1.9%	
Window 41 (lower)			0.68	0.21	113.94	0.66	36.8	0.0%	
Window 41 (upper)			0.68	0.89	113.94	0.66	28.3	0.3%	
Window 42 (lower)			0.68	2.0	113.94	0.66	48.7	0.4%	
Window 42 (upper)			0.68	3.8	113.94	0.66	39.8	1.6%	
Window 43			0.68	1.15	113.94	0.66	71.0	0.9%	
Total ADF for room	Living/Dining/Kitchen	2.0%						5.1%	Pass
Window 44	Bedroom	1.0%	0.68	2.56	47.11	0.7	70.7	5.2%	Pass
Window 45	Bedroom	1.0%	0.68	2.56	61.44	0.7	70.1	3.9%	Pass
Window 46	Bedroom	1.0%	0.68	2.56	48.46	0.7	69.2	4.9%	Pass
Window 47			0.68	1.15	117.97	0.67	67.8	0.8%	
Window 48 (lower)			0.68	2.0	117.97	0.67	39.8	0.3%	
Window 48 (upper)			0.68	4.23	117.97	0.67	22.6	1.0%	
Window 49 (lower)			0.68	0.21	117.97	0.67	32.0	0.0%	
Window 49 (upper)			0.68	0.89	117.97	0.67	21.9	0.2%	
Window 50			0.68	1.43	117.97	0.67	50.7	0.8%	
Total ADF for room	Living/Dining/Kitchen	2.0%						3.1%	Pass
Third Floor Block B									
Window 51 (lower)			0.68	1.84	105.5	0.68	31.5	0.3%	
Window 51 (upper)			0.68	3.53	105.5	0.68	22.8	1.0%	
Window 52			0.68	0.87	105.5	0.68	5.1	0.1%	
Window 53			0.68	1.15	105.5	0.68	51.8	0.7%	
Total ADF for room	Living/Dining/Kitchen	2.0%						2.1%	Pass
Window 54	Bedroom	1.0%	0.68	2.56	79.82	0.72	52.8	2.4%	Pass
Window 55	Bedroom	1.0%	0.68	2.56	72.99	0.72	52.7	2.6%	Pass
Window 56			0.68	1.15	110.14	0.66	51.9	0.6%	

Appendix 2 - Average Daylight Factor (ADF)

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

Deference	Target ADF based on ro	om use	Aver	Average Daylight Factor Coefficients					
Reference	Primary room use	ADF	Т	Aw	Α	R	θ	ADF	Resul
Window 57 (lower)			0.68	2.0	110.14	0.66	38.7	0.3%	
Window 57 (upper)			0.68	3.82	110.14	0.66	34.9	1.5%	
Window 58 (lower)			0.68	0.47	110.14	0.66	21.6	0.0%	
Window 58 (upper)			0.68	0.89	110.14	0.66	15.2	0.1%	
Window 59			0.68	2.56	110.14	0.66	69.9	2.0%	
Total ADF for room	Living/Dining/Kitchen	2.0%						4.5%	Pass
Window 60	Bedroom	1.0%	0.68	2.56	68.66	0.71	72.5	3.7%	Pass
Window 61			0.68	2.56	118.6	0.65	85.2	2.2%	
Window 62 (lower)			0.68	0.47	118.6	0.65	40.0	0.1%	
Window 62 (upper)			0.68	0.89	118.6	0.65	31.0	0.3%	
Window 63 (lower)			0.68	2.0	118.6	0.65	51.4	0.4%	
Window 63 (upper)			0.68	3.82	118.6	0.65	40.3	1.5%	
Window 64			0.68	2.56	118.6	0.65	74.7	1.9%	
Total ADF for room	Living/Dining/Kitchen	2.0%						6.4%	Pass
Window 65	Bedroom	1.0%	0.68	2.56	63.21	0.71	84.6	4.7%	Pass
Window 66			0.68	2.56	122.06	0.67	83.8	2.2%	
Window 67 (lower)			0.68	1.99	122.06	0.67	50.9	0.4%	
Window 67 (upper)			0.68	3.82	122.06	0.67	37.4	1.4%	
Window 68			0.68	1.15	122.06	0.67	54.4	0.6%	
Window 68 (lower)			0.68	0.47	122.06	0.67	30.1	0.1%	
Window 69 (upper)			0.68	0.89	122.06	0.67	19.8	0.2%	
Total ADF for room	Living/Dining/Kitchen	2.0%						4.9%	Pass
Fourth Floor Block B									
Window 70 (lower)			0.68	1.84	105.5	0.68	43.4	0.4%	
Window 70 (upper)			0.68	3.53	105.5	0.68	48.2	2.0%	
Window 75 (apper)			0.68	0.87	105.5	0.68	19.9	0.2%	
Window 72			0.68	1.15	105.5	0.68	55.1	0.7%	
Total ADF for room	Living/Dining/Kitchen	2.0%	0.00	0		0.00	00.1	3.3%	Pass
Window 73	Bedroom	1.0%	0.68	2.56	79.82	0.72	56.4	2.5%	Pass
Window 74	Bedroom	1.0%	0.68	2.56	72.99	0.72	56.3	2.8%	Pass
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Appendix 2 - Average Daylight Factor (ADF)

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

Reference	Target ADF based on ro	om use	Aver	age Dayl	ADF	Result			
Reference	Primary room use	ADF	Т	Aw	Α	R	θ	ADF	Result
Window 75			0.68	1.15	110.14	0.66	55.3	0.7%	
Window 76 (lower)			0.68	2.0	110.14	0.66	48.6	0.4%	
Window 76 (upper)			0.68	3.82	110.14	0.66	57.0	2.4%	
Window 77 (lower)			0.68	0.47	110.14	0.66	36.7	0.1%	
Window 77 (upper)			0.68	0.89	110.14	0.66	40.9	0.4%	
Window 78			0.68	2.56	110.14	0.66	71.6	2.0%	
Total ADF for room	Living/Dining/Kitchen	2.0%						6.0%	Pass
Window 79	Bedroom	1.0%	0.68	2.56	68.66	0.71	74.3	3.8%	Pass
Window 80			0.68	2.56	118.6	0.65	87.0	2.2%	
Window 81 (lower)			0.68	0.47	118.6	0.65	53.7	0.1%	
Window 81 (upper)			0.68	0.89	118.6	0.65	60.0	0.5%	
Window 82 (lower)			0.68	2.0	118.6	0.65	64.1	0.5%	
Window 82 (upper)			0.68	3.82	118.6	0.65	75.5	2.9%	
Window 83			0.68	2.56	118.6	0.65	76.6	2.0%	
Total ADF for room	Living/Dining/Kitchen	2.0%						8.2%	Pass
Window 84	Bedroom	1.0%	0.68	2.56	63.21	0.71	86.8	4.8%	Pass
Window 85			0.68	2.56	122.06	0.67	86.5	2.2%	
Window 86 (lower)			0.68	1.99	122.06	0.67	65.5	0.5%	
Window 86 (upper)			0.68	3.82	122.06	0.67	76.2	2.9%	
Window 87			0.68	1.15	122.06	0.67	57.7	0.7%	
Window 87 (lower)			0.68	0.47	122.06	0.67	47.8	0.1%	
Window 88 (upper)			0.68	0.89	122.06	0.67	52.3	0.5%	
Total ADF for room	Living/Dining/Kitchen	2.0%						6.9%	Pass
Proposed Block C									
First Floor Block C									
Window 89			0.68	2.56	119.21	0.65	33.0	0.8%	
Window 90			0.68	1.14	119.21	0.65	47.6	0.5%	
Window 91			0.68	2.56	119.21	0.65	51.9	1.3%	
Window 92 (lower)			0.68	2.0	119.21	0.65	33.7	0.3%	
Window 92 (upper)			0.68	3.79	119.21	0.65	24.9	0.9%	
Total ADF for room	Living/Dining/Kitchen	2.0%						3.8%	Pass
Window 93 (lower)			0.68	0.47	63.23	0.69	24.0	0.1%	

Appendix 2 - Average Daylight Factor (ADF)

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

5.4	Target ADF based on ro	om use	Aver	Average Daylight Factor Coefficients					
Reference	Primary room use	ADF	Т	Aw	А	R	θ	ADF	Result
Window 93 (upper)			0.68	0.89	63.23	0.69	17.0	0.3%	
Window 94			0.68	2.5	63.23	0.69	60.9	3.2%	
Total ADF for room	Bedroom	1.0%						3.6%	Pass
Window 95	Bedroom	1.0%	0.68	2.56	63.47	0.71	60.4	3.3%	Pass
Window 96	Bedroom	1.0%	0.68	2.56	63.12	0.7	59.2	3.2%	Pass
Window 97			0.68	2.56	64.37	0.69	57.4	3.0%	
Window 98 (lower)			0.68	0.47	64.37	0.69	21.2	0.1%	
Window 98 (upper)			0.68	0.89	64.37	0.69	13.4	0.2%	
Total ADF for room	Bedroom	1.0%						3.3%	Pass
Window 99 (lower)			0.68	2.0	80.6	0.66	29.1	0.3%	
Window 99 (upper)			0.68	3.79	80.6	0.66	22.3	1.3%	
Window 100			0.68	2.56	80.6	0.66	49.7	1.9%	
Total ADF for room	Living Room	1.5%						3.5%	Pass
Window 101	Dining/Kitchen	2.0%	0.68	1.14	65.93	0.71	49.1	1.2%	Fail
Window 102			0.68	1.14	52.51	0.71	29.0	0.9%	
Window 103			0.68	1.14	52.51	0.71	29.6	0.9%	
Total ADF for room	Bedroom	1.0%						1.8%	Pass
Second Floor Block C									
Window 104			0.68	2.56	119.21	0.65	37.1	0.9%	
Window 105			0.68	1.14	119.21	0.65	54.5	0.6%	
Window 106			0.68	2.56	119.21	0.65	57.7	1.5%	
Window 107 (lower)			0.68	2.0	119.21	0.65	33.7	0.3%	
Window 107 (upper)			0.68	3.79	119.21	0.65	26.7	1.0%	
Total ADF for room	Living/Dining/Kitchen	2.0%						4.3%	Pass
Window 108 (lower)			0.68	0.47	63.23	0.69	24.4	0.1%	
Window 108 (upper)			0.68	0.89	63.23	0.69	18.4	0.3%	
Window 109			0.68	2.5	63.23	0.69	63.5	3.3%	
Total ADF for room	Bedroom	1.0%						3.7%	Pass
Window 110	Bedroom	1.0%	0.68	2.56	63.47	0.71	62.9	3.5%	Pass

Appendix 2 - Average Daylight Factor (ADF)

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

5.	Target ADF based on ro	om use	Aver	age Dayl	ight Factor	Coefficier	nts		5 "
Reference	Primary room use	ADF	Т	Aw	Α	R	θ	ADF	Result
Window 111	Bedroom	1.0%	0.68	2.56	63.12	0.7	61.6	3.4%	Pass
Window 112			0.68	2.56	64.37	0.69	59.7	3.1%	
Window 113 (lower)			0.68	0.47	64.37	0.69	22.4	0.1%	
Window 113 (upper)			0.68	0.89	64.37	0.69	15.9	0.3%	
Total ADF for room	Bedroom	1.0%						3.5%	Pass
Window 114 (lower)			0.68	2.0	80.6	0.66	29.1	0.3%	
Window 114 (upper)			0.68	3.79	80.6	0.66	23.8	1.3%	
Window 115			0.68	2.56	80.6	0.66	53.4	2.0%	
Total ADF for room	Living Room	1.5%						3.6%	Pass
Window 116	Dining/Kitchen	2.0%	0.68	1.14	65.93	0.71	52.8	1.3%	Fail
Window 117			0.68	1.14	52.51	0.71	32.5	1.0%	
Window 118			0.68	1.14	52.51	0.71	32.5	1.0%	
Total ADF for room	Bedroom	1.0%						2.0%	Pass
Third Floor Block C									
Window 119			0.68	2.56	119.21	0.65	41.7	1.0%	
Window 120			0.68	1.14	119.21	0.65	62.9	0.7%	
Window 121			0.68	2.56	119.21	0.65	64.3	1.6%	
Window 122 (lower)			0.68	2.0	119.21	0.65	51.7	0.4%	
Window 122 (upper)			0.68	3.79	119.21	0.65	59.3	2.2%	
Total ADF for room	Living/Dining/Kitchen	2.0%						5.9%	Pass
Window 123 (lower)			0.68	0.47	63.23	0.69	43.4	0.2%	
Window 123 (upper)			0.68	0.89	63.23	0.69	47.9	0.9%	
Window 124			0.68	2.5	63.23	0.69	66.3	3.4%	
Total ADF for room	Bedroom	1.0%						4.5%	Pass
Window 125	Bedroom	1.0%	0.68	2.56	63.47	0.71	65.6	3.6%	Pass
Window 126	Bedroom	1.0%	0.68	2.56	63.12	0.7	64.2	3.5%	Pass
Window 127			0.68	2.56	64.37	0.69	62.1	3.2%	
Window 128 (lower)			0.68	0.47	64.37	0.69	39.1	0.1%	
Window 128 (upper)			0.68	0.89	64.37	0.69	43.9	0.8%	
Total ADF for room	Bedroom	1.0%						4.1%	Pass

Appendix 2 - Average Daylight Factor (ADF)

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

Reference	Target ADF based on ro	om use	Aver	age Dayli	ADF	Result			
Reference	Primary room use	ADF	Т	Aw	Α	R	θ	ADF	Result
Window 129 (lower)			0.68	2.0	80.6	0.66	43.6	0.5%	
Window 129 (upper)			0.68	3.79	80.6	0.66	50.4	2.9%	
Window 130			0.68	2.56	80.6	0.66	57.2	2.2%	
Total ADF for room	Living/Dining/Kitchen	2.0%						5.6%	Pass
Window 131	Dining/Kitchen	2.0%	0.68	1.14	65.93	0.71	56.7	1.4%	Fail
Window 132			0.68	1.14	52.51	0.71	37.9	1.1%	
Window 133			0.68	1.14	52.51	0.71	37.8	1.1%	
Total ADF for room	Bedroom	1.0%						2.2%	Pass
Proposed Block D									
First Floor Block D									
Window 134	Bedroom	1.0%	0.68	1.13	56.51	0.72	22.5	0.6%	Fail
Window 135 (lower)			0.68	1.69	115.41	0.67	35.3	0.3%	
Window 135 (upper)			0.68	3.23	115.41	0.67	23.6	0.8%	
Window 136 (lower)			0.68	0.69	115.41	0.67	27.7	0.1%	
Window 136 (upper)			0.68	1.33	115.41	0.67	27.2	0.4%	
Window 137			0.68	2.56	115.41	0.67	59.6	1.6%	
Total ADF for room	Living/Dining/Kitchen	2.0%						3.2%	Pass
Window 138 (lower)			0.68	1.69	108.56	0.66	36.4	0.3%	
Window 139 (upper)			0.68	3.23	108.56	0.66	22.6	0.8%	
Window 139 (lower)			0.68	0.69	108.56	0.66	29.3	0.1%	
Window 140 (upper)			0.68	1.33	108.56	0.66	28.5	0.4%	
Window 140			0.68	2.56	108.56	0.66	59.4	1.7%	
Total ADF for room	Living/Dining/Kitchen	2.0%						3.3%	Pass
Window 141			0.68	1.13	57.95	0.7	40.5	1.1%	
Window 142			0.68	1.41	57.95	0.7	46.4	1.5%	
Total ADF for room	Bedroom	1.0%						2.6%	Pass
Window 143	Bedroom	1.0%	0.68	2.56	51.86	0.71	39.7	2.7%	Pass
Second Floor Block D									
Window 144	Bedroom	1.0%	0.68	1.13	56.51	0.72	25.4	0.7%	Fail

Appendix 2 - Average Daylight Factor (ADF)

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

D-f	Target ADF based on ro	om use	Aver	Average Daylight Factor Coefficients					
Reference	Primary room use	ADF	Т	Aw	A	R	θ	ADF	Resul
Window 145			0.68	2.56	113.01	0.67	64.5	1.8%	
Window 145 (lower)			0.68	1.69	113.01	0.67	38.4	0.3%	
Window 146 (upper)			0.68	3.23	113.01	0.67	27.9	1.0%	
Window 146 (lower)			0.68	0.69	113.01	0.67	28.6	0.1%	
Window 147 (upper)			0.68	1.33	113.01	0.67	29.4	0.4%	
Total ADF for room	Living/Dining/Kitchen	2.0%						3.6%	Pass
Window 148 (lower)			0.68	0.69	120.48	0.67	29.8	0.1%	
Window 149 (upper)			0.68	1.33	120.48	0.67	30.7	0.4%	
Window 149 (lower)			0.68	1.69	120.48	0.67	38.9	0.3%	
Window 150 (upper)			0.68	3.23	120.48	0.67	27.5	0.9%	
Window 150			0.68	2.56	120.48	0.67	64.5	1.7%	
Total ADF for room	Living/Dining/Kitchen	2.0%						3.4%	Pass
Window 151			0.68	1.13	65.11	0.71	42.8	1.0%	
Nindow 152			0.68	1.41	65.11	0.71	48.9	1.5%	
Total ADF for room	Bedroom	1.0%						2.5%	Pass
Window 153	Bedroom	1.0%	0.68	2.56	50.63	0.71	42.0	2.9%	Pass
Third Floor Block D									
Window 154	Bedroom	1.0%	0.68	1.13	64.76	0.73	28.5	0.7%	Fail
Vindow 155 (lower)			0.68	1.69	114.97	0.67	41.0	0.3%	
Vindow 155 (upper)			0.68	3.23	114.97	0.67	33.5	1.2%	
Nindow 156			0.68	2.56	114.97	0.67	70.2	1.9%	
Nindow 156 (lower)			0.68	0.69	114.97	0.67	29.5	0.1%	
Window 157 (upper)			0.68	1.33	114.97	0.67	31.5	0.5%	
Total ADF for room	Living/Dining/Kitchen	2.0%						4.0%	Pass
Vindow 158 (lower)			0.68	1.69	122.5	0.67	41.0	0.3%	
Nindow 159 (upper)			0.68	3.23	122.5	0.67	33.2	1.1%	
Nindow 159 (lower)			0.68	0.69	122.5	0.67	30.5	0.1%	
Nindow 160 (upper)			0.68	1.33	122.5	0.67	32.9	0.4%	
Nindow 160			0.68	2.56	122.5	0.67	70.2	1.8%	
Total ADF for room	Living/Dining/Kitchen	2.0%						3.7%	Pass

Appendix 2 - Average Daylight Factor (ADF)

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

Deference	Target ADF based on ro	om use	Aver	age Dayl	ADF	Doordt			
Reference	Primary room use	ADF	Т	Aw	А	R	θ	ADF	Result
Window 161			0.68	1.13	57.95	0.7	45.7	1.2%	
Window 162			0.68	1.41	57.95	0.7	51.4	1.7%	
Total ADF for room	Bedroom	1.0%						2.9%	Pass
Window 163	Bedroom	1.0%	0.68	2.56	51.64	0.71	44.7	3.0%	Pass
Fourth Floor Block D									
Window 164	Bedroom	1.0%	0.68	1.13	66.88	0.73	31.9	0.8%	Fail
Window 165			0.68	2.56	118.43	0.68	76.4	2.1%	
Window 165 (lower)			0.68	0.69	118.43	0.68	30.5	0.1%	
Window 166 (upper)			0.68	1.33	118.43	0.68	33.5	0.5%	
Window 166 (lower)			0.68	1.69	118.43	0.68	41.1	0.3%	
Window 167 (upper)			0.68	3.23	118.43	0.68	38.5	1.3%	
Total ADF for room	Living/Dining/Kitchen	2.0%						4.3%	Pass
Window 168 (lower)			0.68	1.69	126.08	0.68	41.1	0.3%	
Window 169 (upper)			0.68	3.23	126.08	0.68	38.1	1.2%	
Window 169 (lower)			0.68	0.69	126.08	0.68	31.3	0.1%	
Window 170 (upper)			0.68	1.33	126.08	0.68	35.1	0.5%	
Window 170			0.68	2.56	126.08	0.68	76.3	1.9%	
Total ADF for room	Living/Dining/Kitchen	2.0%						4.0%	Pass
Window 171			0.68	1.13	68.48	0.71	49.6	1.1%	
Window 172			0.68	1.41	68.48	0.71	53.9	1.5%	
Total ADF for room	Bedroom	1.0%						2.6%	Pass
Window 173	Bedroom	1.0%	0.68	2.56	53.41	0.71	48.6	3.2%	Pass
Fifth Floor Block D									
Window 174	Bedroom	1.0%	0.68	1.13	64.76	0.73	36.6	0.9%	Fail
Window 175			0.68	2.56	114.97	0.67	82.9	2.3%	
Window 175 (lower)			0.68	0.69	114.97	0.67	31.6	0.1%	
Window 176 (upper)			0.68	1.33	114.97	0.67	35.8	0.5%	
Window 176 (lower)			0.68	1.69	114.97	0.67	41.1	0.3%	
Window 177 (upper)			0.68	3.23	114.97	0.67	43.0	1.5%	
Total ADF for room	Living/Dining/Kitchen	2.0%						4.7%	Pass

Appendix 2 - Average Daylight Factor (ADF)

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

Poforonoo	Target ADF based on ro	om use	Aver	age Dayl	ADE -	Dogul			
Reference	Primary room use	ADF	Т	Aw	А	R	θ	ADF	Resul
Window 178 (lower)			0.68	1.69	122.5	0.67	41.1	0.3%	
Window 179 (upper)			0.68	3.23	122.5	0.67	42.4	1.4%	
Window 179 (lower)			0.68	0.69	122.5	0.67	32.1	0.1%	
Window 180 (upper)			0.68	1.33	122.5	0.67	37.1	0.5%	
Window 180			0.68	2.56	122.5	0.67	82.7	2.2%	
Total ADF for room	Living/Dining/Kitchen	2.0%						4.5%	Pass
Window 181			0.68	1.13	57.95	0.7	57.7	1.5%	
Window 182			0.68	1.41	57.95	0.7	56.9	1.8%	
Total ADF for room	Bedroom	1.0%						3.3%	Pass
Window 183	Bedroom	1.0%	0.68	2.56	51.64	0.71	55.0	3.7%	Pass
Sixth Floor Block D									
Window 184	Bedroom	1.0%	0.68	1.13	64.81	0.73	6.4	0.2%	Fail
Window 185			0.68	2.56	115.09	0.67	88.1	2.4%	
Window 185 (lower)			0.68	1.69	115.09	0.67	52.2	0.4%	
Window 186 (upper)			0.68	3.23	115.09	0.67	74.0	2.6%	
Window 186 (lower)			0.68	0.69	115.09	0.67	44.9	0.1%	
Window 187 (upper)			0.68	1.33	115.09	0.67	61.4	0.9%	
Total ADF for room	Living/Dining/Kitchen	2.0%						6.4%	Pass
Window 188 (lower)			0.68	1.69	113.12	0.66	52.2	0.4%	
Window 189 (upper)			0.68	3.23	113.12	0.66	73.8	2.5%	
Window 189 (lower)			0.68	0.69	113.12	0.66	44.9	0.1%	
Window 190 (upper)			0.68	1.33	113.12	0.66	62.3	0.9%	
Window 190			0.68	2.55	113.12	0.66	88.0	2.4%	
Total ADF for room	Living/Dining/Kitchen	2.0%						6.3%	Pass
Window 191	Bedroom	1.0%	0.68	2.56	67.98	0.7	64.4	3.3%	Pass
Proposed Block E									
First Floor Block E								0.001	
Window 192 (lower)			0.68	0.05	98.0	0.68	38.4	0.0%	
Window 192 (upper)			0.68	0.75	98.0	0.68	38.9	0.4%	
Window 193 (lower)			0.68	1.21	98.0	0.68	36.0	0.2%	

Appendix 2 - Average Daylight Factor (ADF)

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

Poforonoo	Target ADF based on ro	om use	Aver	age Dayli	ght Factor	Coefficier	Average Daylight Factor Coefficients					
Reference	Primary room use	ADF	Т	Aw	Α	R	θ	ADF	Result			
Window 193 (upper)			0.68	1.89	98.0	0.68	27.0	0.7%				
Window 194			0.68	0.7	98.0	0.68	21.2	0.2%				
Window 195 (lower)			0.68	0.23	98.0	0.68	40.8	0.0%				
Window 195 (upper)			0.68	2.16	98.0	0.68	41.4	1.2%				
Total ADF for room	Living/Dining/Kitchen	2.0%						2.7%	Pass			
Window 196 (lower)			0.68	0.33	45.05	0.7	45.1	0.2%				
Window 196 (upper)			0.68	2.14	45.05	0.7	45.9	2.9%				
Total ADF for room	Bedroom	1.0%						3.1%	Pass			
Second Floor Block E												
Window 197 (lower)			0.68	0.11	98.28	0.68	40.6	0.0%				
Window 197 (upper)			0.68	0.98	98.28	0.68	41.2	0.5%				
Window 198 (lower)			0.68	0.2	98.28	0.68	43.7	0.0%				
Window 198 (upper)			0.68	2.19	98.28	0.68	44.5	1.3%				
Window 199 (lower)			0.68	1.21	98.28	0.68	40.2	0.3%				
Window 200 (upper)			0.68	1.88	98.28	0.68	29.1	0.7%				
Window 200			0.68	0.7	98.28	0.68	23.1	0.2%				
Total ADF for room	Living/Dining/Kitchen	2.0%						3.0%	Pass			
Window 201 (lower)			0.68	0.29	45.19	0.7	49.3	0.2%				
Window 201 (upper)			0.68	2.18	45.19	0.7	50.4	3.2%				
Total ADF for room	Bedroom	1.0%						3.4%	Pass			
Third Floor Block E												
Window 202 (lower)			0.68	0.1	96.07	0.68	43.2	0.0%				
Window 202 (upper)			0.68	1.0	96.07	0.68	43.9	0.6%				
Window 203 (lower)			0.68	0.16	96.07	0.68	47.2	0.0%				
Window 203 (upper)			0.68	2.23	96.07	0.68	48.1	1.4%				
Window 204			0.68	0.7	96.07	0.68	25.2	0.2%				
Window 205 (lower)			0.68	1.21	96.07	0.68	42.2	0.3%				
Window 205 (upper)			0.68	1.92	96.07	0.68	30.9	0.8%				
Total ADF for room	Living/Dining/Kitchen	2.0%						3.3%	Pass			
Window 206 (lower)			0.68	0.25	44.1	0.7	54.2	0.2%				

Appendix 2 - Average Daylight Factor (ADF)

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

Deference	Target ADF based on ro	om use	Aver	age Da <u>y</u> li	ght Factor	Coefficier	nts	ADE -	Doord
Reference	Primary room use	ADF	Т	Aw	Α	R	θ	ADF	Result
Window 206 (upper)			0.68	2.22	44.1	0.7	55.5	3.7%	
Total ADF for room	Bedroom	1.0%						3.9%	Pass
Fourth Floor Block E									
Window 207 (lower)			0.68	0.08	96.97	0.68	46.5	0.0%	
Window 207 (upper)			0.68	1.01	96.97	0.68	47.5	0.6%	
Window 208 (lower)			0.68	0.13	96.97	0.68	51.8	0.0%	
Window 208 (upper)			0.68	2.26	96.97	0.68	53.1	1.6%	
Window 209			0.68	0.7	96.97	0.68	27.3	0.2%	
Window 210 (lower)			0.68	1.21	96.97	0.68	43.9	0.3%	
Window 210 (upper)			0.68	1.97	96.97	0.68	32.6	0.8%	
Total ADF for room	Living/Dining/Kitchen	2.0%						3.5%	Pass
Window 211 (lower)			0.68	0.23	44.54	0.7	59.9	0.2%	
Window 211 (upper)			0.68	2.24	44.54	0.7	61.4	4.1%	
Total ADF for room	Bedroom	1.0%						4.3%	Pass
Fifth Floor Block E									
Window 212 (lower)			0.68	0.06	99.75	0.68	51.8	0.0%	
Window 212 (upper)			0.68	0.93	99.75	0.68	53.7	0.6%	
Window 213 (lower)			0.68	0.09	99.75	0.68	58.4	0.0%	
Window 213 (upper)			0.68	2.3	99.75	0.68	60.4	1.8%	
Window 214			0.68	0.7	99.75	0.68	29.4	0.3%	
Window 215 (lower)			0.68	1.19	99.75	0.68	45.7	0.3%	
Window 215 (upper)			0.68	1.98	99.75	0.68	34.1	0.9%	
Total ADF for room	Living/Dining/Kitchen	2.0%						3.9%	Pass
Window 216 (lower)			0.68	0.18	45.92	0.7	66.6	0.1%	
Window 216 (upper)			0.68	2.28	45.92	0.7	68.4	4.6%	
Total ADF for room	Bedroom	1.0%						4.7%	Pass
Sixth Floor Block E									
Window 217 (lower)			0.68	0.05	101.4	0.68	61.8	0.0%	
Window 217 (upper)			0.68	1.04	101.4	0.68	65.8	0.9%	

Appendix 2 - Average Daylight Factor (ADF)

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

Deference	Target ADF based on ro	om use	Aver	age Dayli	ght Factor	Coefficier	nts	ADE -	Doord
Reference	Primary room use	ADF	Т	Aw	Α	R	θ	ADF	Result
Window 218 (lower)			0.68	0.06	101.4	0.68	68.2	0.0%	
Window 218 (upper)			0.68	2.33	101.4	0.68	71.0	2.1%	
Window 219			0.68	0.7	101.4	0.68	55.7	0.5%	
Window 220 (lower)			0.68	1.18	101.4	0.68	55.4	0.3%	
Window 220 (upper)			0.68	2.0	101.4	0.68	59.0	1.5%	
Total ADF for room	Living/Dining/Kitchen	2.0%						5.3%	Pass
Window 221 (lower)			0.68	0.17	46.73	0.7	74.0	0.1%	
Window 221 (upper)			0.68	2.3	46.73	0.7	76.0	5.0%	
Total ADF for room	Bedroom	1.0%						5.1%	Pass
Proposed Block Eastern I	<u>Mews</u>								
Ground Floor Block Easte	ern Mews								
Window 222 (lower)			0.68	0.02	77.03	0.64	54.3	0.0%	
Window 222 (upper)			0.68	0.82	77.03	0.64	55.2	0.7%	
Window 223 (lower)			0.68	0.16	77.03	0.64	53.9	0.1%	
Window 223 (upper)			0.68	1.66	77.03	0.64	54.7	1.4%	
Window 224 (lower)			0.68	2.28	77.03	0.64	32.2	0.4%	
Window 224 (upper)			0.68	4.15	77.03	0.64	34.8	2.2%	
Total ADF for room	Living Room	1.5%						4.8%	Pass
Window 225 (lower)			0.68	0.16	81.72	0.64	52.9	0.0%	
Window 225 (upper)			0.68	1.66	81.72	0.64	53.6	1.3%	
Window 226 (lower)			0.68	0.02	81.72	0.64	51.7	0.0%	
Window 226 (upper)			0.68	0.82	81.72	0.64	52.4	0.6%	
Window 227 (lower)			0.68	1.23	81.72	0.64	31.6	0.2%	
Window 227 (upper)			0.68	2.23	81.72	0.64	36.5	1.2%	
Window 228 (lower)			0.68	1.25	81.72	0.64	29.6	0.2%	
Window 228 (upper)			0.68	2.26	81.72	0.64	31.3	1.0%	
Total ADF for room	Living Room	1.5%						4.5%	Pass
Window 229 (lower)			0.68	0.02	81.72	0.64	41.5	0.0%	
Window 229 (upper)			0.68	0.82	81.72	0.64	41.9	0.5%	
Window 230 (lower)			0.68	0.16	81.72	0.64	38.6	0.0%	
Window 230 (upper)			0.68	1.66	81.72	0.64	38.9	0.9%	
Window 231 (lower)			0.68	1.24	81.72	0.64	30.5	0.2%	

Appendix 2 - Average Daylight Factor (ADF)

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

Deference	Target ADF based on ro	oom use	Aver	age Dayli	ght Factor	Coefficier	nts	ADE -	
Reference	Primary room use	ADF	Т	Aw	А	R	θ	ADF	Resul
Window 231 (upper)			0.68	2.25	81.72	0.64	32.5	1.0%	
Window 232 (lower)			0.68	1.25	81.72	0.64	33.1	0.2%	
Window 232 (upper)			0.68	2.26	81.72	0.64	38.6	1.2%	
Total ADF for room	Living Room	1.5%						4.0%	Pass
Window 233 (lower)			0.68	0.16	81.74	0.64	35.8	0.0%	
Window 233 (upper)			0.68	1.66	81.74	0.64	36.0	0.8%	
Window 234 (lower)			0.68	0.02	81.74	0.64	34.6	0.0%	
Window 234 (upper)			0.68	0.82	81.74	0.64	34.8	0.4%	
Window 235 (lower)			0.68	1.25	81.74	0.64	33.4	0.2%	
Window 235 (upper)			0.68	2.26	81.74	0.64	38.1	1.2%	
Window 236 (lower)			0.68	1.21	81.74	0.64	29.9	0.2%	
Window 236 (upper)			0.68	2.19	81.74	0.64	31.8	1.0%	
Total ADF for room	Living Room	1.5%						3.8%	Pass
Window 237 (lower)			0.68	1.21	73.25	0.63	24.7	0.2%	
Window 237 (upper)			0.68	2.2	73.25	0.63	26.8	0.9%	
Window 238 (lower)			0.68	1.23	73.25	0.63	25.6	0.2%	
Window 238 (upper)			0.68	2.24	73.25	0.63	28.4	1.0%	
Window 239 (lower)			0.68	0.02	73.25	0.63	44.7	0.0%	
Window 239 (upper)			0.68	0.82	73.25	0.63	45.1	0.6%	
Window 240 (lower)			0.68	0.16	73.25	0.63	44.5	0.0%	
Window 240 (upper)			0.68	1.66	73.25	0.63	44.8	1.1%	
Total ADF for room	Living Room	1.5%						4.0%	Pass
Window 241 (lower)			0.68	1.9	69.18	0.68	19.3	0.3%	
Window 241 (upper)			0.68	3.46	69.18	0.68	10.2	0.6%	
Total ADF for room	Dining/Kitchen	2.0%						0.9%	Fail
Window 242 (lower)			0.68	1.9	71.98	0.68	31.9	0.4%	
Window 242 (upper)			0.68	3.46	71.98	0.68	25.1	1.5%	
Total ADF for room	Dining/Kitchen	2.0%						1.9%	Fail
Window 243 (lower)			0.68	1.9	71.81	0.68	32.5	0.4%	
Window 243 (upper)			0.68	3.46	71.81	0.68	26.5	1.6%	
Total ADF for room	Dining/Kitchen	2.0%						2.0%	Pass
Window 244 (lower)			0.68	1.9	71.81	0.68	29.2	0.4%	

Appendix 2 - Average Daylight Factor (ADF)

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

Reference	Target ADF based on ro	oom use	Aver	age Dayli	ght Factor	Coefficier	nts	ADE -	Resu
Reference	Primary room use	ADF	Т	Aw	Α	R	θ	ADF	Resi
Window 244 (upper)			0.68	3.46	71.81	0.68	22.1	1.3%	
Total ADF for room	Dining/Kitchen	2.0%						1.7%	Fail
Window 245 (lower)			0.68	0.91	83.55	0.66	40.1	0.2%	
Window 245 (upper)			0.68	1.66	83.55	0.66	43.4	1.0%	
Window 246 (lower)			0.68	1.9	83.55	0.66	34.6	0.4%	
Window 246 (upper)			0.68	3.46	83.55	0.66	38.0	1.9%	
Total ADF for room	Dining/Kitchen	2.0%						3.5%	Pass
First Floor Block Eastern	<u>Mews</u>								
Nindow 247 (lower)			0.68	0.0	65.13	0.68	57.8	0.0%	
Vindow 247 (upper)			0.68	0.86	65.13	0.68	58.7	1.0%	
Window 248 (lower)			0.68	0.0	65.13	0.68	41.0	0.0%	
Window 248 (upper)			0.68	1.73	65.13	0.68	43.5	1.5%	
Window 249 (lower)			0.68	0.0	65.13	0.68	57.3	0.0%	
Window 249 (upper)			0.68	1.74	65.13	0.68	58.1	2.0%	
Total ADF for room	Bedroom	1.0%						4.5%	Pass
Window 250 (lower)			0.68	0.0	60.43	0.68	0.4	0.0%	
Window 250 (upper)			0.68	1.74	60.43	0.68	0.4	0.0%	
Window 251 (lower)			0.68	0.0	60.43	0.68	42.4	0.0%	
Window 251 (upper)			0.68	1.73	60.43	0.68	45.9	1.7%	
Window 252 (lower)			0.68	0.0	60.43	0.68	54.5	0.0%	
Window 252 (upper)			0.68	0.86	60.43	0.68	55.2	1.0%	
Total ADF for room	Bedroom	1.0%						2.7%	Pass
Vindow 253 (lower)			0.68	0.0	46.14	0.71	53.4	0.0%	
Window 253 (upper)			0.68	1.74	46.14	0.71	54.1	2.8%	
Total ADF for room	Bedroom	1.0%						2.8%	Pass
Window 254 (lower)			0.68	0.0	46.13	0.71	47.9	0.0%	
Window 254 (upper)			0.68	1.73	46.13	0.71	48.3	2.5%	
Total ADF for room	Bedroom	1.0%						2.5%	Pass
Window 255 (lower)			0.68	0.0	60.44	0.68	45.4	0.0%	
Window 255 (upper)			0.68	1.73	60.44	0.68	49.3	1.8%	
Nindow 256 (lower)			0.68	0.0	60.44	0.68	43.2	0.0%	

Appendix 2 - Average Daylight Factor (ADF)

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

Poforonoo	Target ADF based on ro	oom use	Aver	age Dayli	ght Factor	Coefficier	nts	ADF	Resul	
Reference	Primary room use	ADF	Т	Aw	Α	R	θ	ADF	Resul	
Window 256 (upper)			0.68	0.86	60.44	0.68	43.6	0.8%		
Window 257 (lower)			0.68	0.0	60.44	0.68	40.1	0.0%		
Window 257 (upper)			0.68	1.74	60.44	0.68	40.4	1.5%		
Total ADF for room	Bedroom	1.0%						4.1%	Pass	
Vindow 258 (lower)			0.68	0.0	60.43	0.68	44.7	0.0%		
Window 258 (upper)			0.68	1.73	60.43	0.68	48.5	1.8%		
Window 259 (lower)			0.68	0.0	60.43	0.68	35.6	0.0%		
Window 259 (upper)			0.68	0.86	60.43	0.68	35.8	0.6%		
Window 260 (lower)			0.68	0.0	60.43	0.68	37.0	0.0%		
Window 260 (upper)			0.68	1.74	60.43	0.68	37.1	1.4%		
Total ADF for room	Bedroom	1.0%						3.8%	Pass	
Window 261 (lower)			0.68	0.0	46.14	0.71	37.7	0.0%		
Window 261 (upper)			0.68	1.74	46.14	0.71	37.9	2.0%		
Total ADF for room	Bedroom	1.0%						2.0%	Pass	
Window 262 (lower)			0.68	0.0	64.9	0.68	46.2	0.0%		
Window 262 (upper)			0.68	1.74	64.9	0.68	46.5	1.6%		
Window 263 (lower)			0.68	0.0	64.9	0.68	36.7	0.0%		
Window 263 (upper)			0.68	1.73	64.9	0.68	41.2	1.4%		
Window 264 (lower)			0.68	0.0	64.9	0.68	46.4	0.0%		
Window 264 (upper)			0.68	0.86	64.9	0.68	46.8	0.8%		
Total ADF for room	Bedroom	1.0%						3.8%	Pass	
Window 265 (lower)			0.68	0.0	58.67	0.72	34.5	0.0%		
Window 265 (upper)			0.68	1.73	58.67	0.72	39.3	1.6%		
Total ADF for room	Bedroom	1.0%						1.6%	Pass	
Window 266 (lower)			0.68	0.0	58.09	0.72	48.4	0.0%		
Window 266 (upper)			0.68	1.73	58.09	0.72	52.9	2.2%		
Total ADF for room	Bedroom	1.0%						2.2%	Pass	
Window 267 (lower)			0.68	0.0	58.09	0.72	49.2	0.0%		
Window 267 (upper)			0.68	1.73	58.09	0.72	52.8	2.2%		
Total ADF for room	Bedroom	1.0%						2.2%	Pass	
Window 268 (lower)			0.68	0.0	58.01	0.72	42.2	0.0%		
Nindow 268 (upper)			0.68	1.73	58.01	0.72	45.5	1.9%		

Appendix 2 - Average Daylight Factor (ADF)

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

Deference	Target ADF based on ro	om use	Aver	age Dayl	ight Factor	Coefficier	nts	^DE -	Doord
Reference	Primary room use	ADF	Т	Aw	Α	R	θ	ADF	Resul
Total ADF for room	Bedroom	1.0%						1.9%	Pass
Window 269 (lower)			0.68	0.0	57.99	0.72	49.2	0.0%	
Window 269 (upper)			0.68	1.73	57.99	0.72	51.0	2.1%	
Total ADF for room	Bedroom	1.0%						2.1%	Pass
Second Floor Block Easte	ern Mews								
Window 270			0.68	1.74	48.64	0.69	63.6	3.0%	
Window 271			0.68	0.86	48.64	0.69	62.2	1.4%	
Window 272			0.68	0.86	48.64	0.69	57.7	1.3%	
Total ADF for room	Bedroom	1.0%						5.7%	Pass
Window 273	Bedroom	1.0%	0.68	1.74	60.11	0.72	59.9	2.4%	Pass
Proposed Block Western	<u>Mews</u>								
Ground Floor Western Me	<u>ews</u>								
Window 274 (lower)			0.68	0.21	67.04	0.69	47.7	0.1%	
Window 274 (upper)			0.68	1.66	67.04	0.69	48.4	1.6%	
Window 275 (lower)			0.68	0.04	67.04	0.69	31.3	0.0%	
Window 275 (upper)			0.68	0.82	67.04	0.69	32.7	0.5%	
Window 276 (lower)			0.68	0.04	67.04	0.69	27.6	0.0%	
Window 276 (upper)			0.68	0.82	67.04	0.69	29.4	0.5%	
Total ADF for room	Dining/Kitchen	2.0%						2.7%	Pass
Window 277 (lower)			0.68	0.21	68.51	0.7	46.7	0.1%	
Window 277 (upper)			0.68	1.66	68.51	0.7	47.2	1.5%	
Total ADF for room	Living Room	1.5%						1.6%	Pass
Window 278 (lower)			0.68	0.69	108.15	0.68	16.1	0.1%	
Window 278 (upper)			0.68	1.26	108.15	0.68	21.8	0.3%	
Window 279 (lower)			0.68	0.04	108.15	0.68	43.1	0.0%	
Window 279 (upper)			0.68	0.82	108.15	0.68	43.5	0.4%	
Window 280 (lower)			0.68	0.21	108.15	0.68	45.1	0.0%	
Window 280 (upper)			0.68	1.66	108.15	0.68	45.5	0.9%	
Total ADF for room	Living/Dining/Kitchen	2.0%						1.7%	Fail
Window 281 (lower)			0.68	0.69	108.32	0.68	16.2	0.1%	

Appendix 2 - Average Daylight Factor (ADF)

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

Deference	Target ADF based on ro	om use	Aver	age Dayl	ight Factor	Coefficier	nts	ADE -	Does
Reference	Primary room use	ADF	Т	Aw	Α	R	θ	ADF	Resu
Window 281 (upper)			0.68	1.26	108.32	0.68	21.3	0.3%	
Window 282 (lower)			0.68	0.21	108.32	0.68	29.7	0.0%	
Window 282 (upper)			0.68	1.66	108.32	0.68	29.9	0.6%	
Window 283 (lower)			0.68	0.04	108.32	0.68	36.0	0.0%	
Window 283 (upper)			0.68	0.82	108.32	0.68	36.2	0.3%	
Total ADF for room	Living/Dining/Kitchen	2.0%						1.3%	Fail
Window 284 (lower)			0.68	0.69	110.66	0.69	19.5	0.1%	
Window 284 (upper)			0.68	1.26	110.66	0.69	25.4	0.4%	
Window 285 (lower)			0.68	0.04	110.66	0.69	26.6	0.0%	
Window 285 (upper)			0.68	0.82	110.66	0.69	26.9	0.3%	
Window 286 (lower)			0.68	0.21	110.66	0.69	25.2	0.0%	
Window 286 (upper)			0.68	1.66	110.66	0.69	25.4	0.5%	
Total ADF for room	Living/Dining/Kitchen	2.0%						1.3%	Fail
Window 287 (lower)			0.68	0.21	68.61	0.7	38.0	0.1%	
Window 287 (upper)			0.68	1.66	68.61	0.7	38.4	1.3%	
Total ADF for room	Living Room	1.5%						1.4%	Fail
Window 288 (lower)			0.68	0.21	69.44	0.71	44.1	0.1%	
Window 288 (upper)			0.68	1.66	69.44	0.71	44.8	1.5%	
Total ADF for room	Dining/Kitchen	2.0%						1.6%	Fail
First Floor Western Mews									
Window 289			0.68	1.74	51.71	0.68	51.7	2.2%	
Window 290			0.68	1.74	51.71	0.68	41.2	1.8%	
Total ADF for room	Bedroom	1.0%						4.0%	Pass
Window 291			0.68	1.74	49.56	0.7	50.8	2.4%	
Window 292			0.68	0.86	49.56	0.7	48.5	1.1%	
Total ADF for room	Bedroom	1.0%						3.5%	Pass
Window 293	Bedroom	1.0%	0.68	1.74	56.95	0.71	49.3	2.1%	Pass
Window 294	Bedroom	1.0%	0.68	1.74	66.92	0.71	47.5	1.7%	Pass
Window 295	Bedroom	1.0%	0.68	1.74	57.3	0.71	45.4	1.9%	Pass
Window 296	Bedroom	1.0%	0.68	1.74	57.31	0.71	39.1	1.6%	Pass

Appendix 2 - Average Daylight Factor (ADF)

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

Deference	Target ADF based on ro	om use	Aver	age Dayl	ight Factor	Coefficier	nts	ADF	Result
Reference	Primary room use	ADF	Т	Aw	Α	R	θ	ADF	Resul
Window 297	Bedroom	1.0%	0.68	1.74	66.62	0.71	31.1	1.1%	Pass
Window 298	Bedroom	1.0%	0.68	1.74	66.62	0.71	26.6	0.9%	Fail
Window 299	Bedroom	1.0%	0.68	1.74	66.62	0.71	29.1	1.0%	Pass
Window 300	Bedroom	1.0%	0.68	1.74	56.96	0.71	40.2	1.7%	Pass
Window 301			0.68	0.86	49.99	0.7	39.4	0.9%	
Window 302			0.68	1.74	49.99	0.7	46.8	2.2%	
Total ADF for room	Bedroom	1.0%						3.1%	Pass
Window 303	Bedroom	1.0%	0.68	1.74	51.3	0.71	47.8	2.2%	Pass
Proposed Block Falcon									
Lower Ground Falcon									
Window 304	Bedroom	1.0%	0.68	1.87	77.53	0.72	87.5	2.9%	Pass
Window 305	Bedroom	1.0%	0.68	1.87	70.87	0.72	88.9	3.3%	Pass
Window 306	Bedroom	1.0%	0.68	0.91	46.32	0.73	88.9	2.5%	Pass
Window 307			0.68	1.38	87.24	0.71	89.0	1.9%	
Window 308			0.68	1.87	87.24	0.71	89.1	2.6%	
Total ADF for room	Dining/Kitchen	2.0%						4.5%	Pass
Window 309	Bedroom	1.0%	0.68	1.87	67.71	0.71	89.1	3.4%	Pass
Window 310			0.68	1.87	121.16	0.7	89.1	1.8%	
Window 311			0.68	2.53	121.16	0.7	0.4	0.0%	
Total ADF for room	Living/Dining/Kitchen	2.0%						1.8%	Fail
Window 312			0.68	1.89	119.13	0.7	88.9	1.9%	
Window 313			0.68	1.47	119.13	0.7	13.2	0.2%	
Total ADF for room	Living/Dining/Kitchen	2.0%						2.1%	Pass
Window 314	Bedroom	1.0%	0.68	1.9	65.21	0.71	87.6	3.5%	Pass
Window 315	Bedroom	1.0%	0.68	1.4	48.17	0.72	12.1	0.5%	Fail
Window 316			0.68	0.79	78.39	0.71	13.0	0.2%	
Window 317			0.68	1.44	78.39	0.71	13.2	0.3%	
Total ADF for room	Living Room	1.5%						0.5%	Fail

Appendix 2 - Average Daylight Factor (ADF)

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

Poforonoo	Target ADF based on ro	oom use	Avera	age Dayl	ight Factor	Coefficier	nts	ADF	Result
Reference	Primary room use	ADF	Т	Aw	А	R	θ	ADF	Resul
Proposed Richbell									
Lower Ground Richbell									
Window 318	Bedroom	1.0%	0.68	1.12	47.06	0.72	46.9	1.6%	Pass
Window 319	Bedroom	1.0%	0.68	0.98	47.98	0.73	42.8	1.3%	Pass
Window 320			0.68	1.1	76.51	0.71	43.6	0.9%	
Window 321			0.68	2.0	76.51	0.71	50.4	1.8%	
Total ADF for room	Dining/Kitchen	2.0%						2.7%	Pass
Window 322			0.68	1.83	68.35	0.7	49.5	1.8%	
Window 323			0.68	0.99	68.35	0.7	40.9	0.8%	
Total ADF for room	Dining/Kitchen	2.0%						2.6%	Pass
Window 324			0.68	1.82	66.77	0.7	40.0	1.5%	
Window 325			0.68	1.02	66.77	0.7	38.1	0.8%	
Total ADF for room	Bedroom	1.0%						2.3%	Pass
Window 326	Bedroom	1.0%	0.68	1.48	49.11	0.71	9.1	0.4%	Fail
Window 327	Bedroom	1.0%	0.68	2.08	56.66	0.7	11.7	0.6%	Fail
Window 328	Living Room	1.5%	0.68	1.45	71.45	0.71	13.9	0.4%	Fail
Window 329	Living Room	1.5%	0.68	1.48	71.84	0.71	17.8	0.5%	Fail
Window 330	Bedroom	1.0%	0.68	2.13	66.4	0.71	17.7	0.8%	Fail
Proposed Blemundsbury									
Lower Ground Blemundsb	ury								
Window 331	Bedroom	1.0%	0.68	1.99	60.91	0.71	50.1	2.3%	Pass
Window 332	Bedroom	1.0%	0.68	1.48	61.91	0.72	6.5	0.2%	Fail
Window 333			0.68	1.13	124.25	0.7	10.0	0.1%	
Window 334			0.68	0.93	124.25	0.7	10.7	0.1%	
Window 335			0.68	2.6	124.25	0.7	50.3	1.4%	
Total ADF for room	Living/Dining/Kitchen	2.0%						1.6%	Fail
Window 336	Bedroom	1.0%	0.68	1.48	46.08	0.72	11.5	0.5%	Fail
Window 337			0.68	0.91	126.79	0.7	16.5	0.2%	

Appendix 2 - Average Daylight Factor (ADF)

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

Reference	Target ADF based on ro	om use	Aver	age Dayl	ight Factor	Coefficier	nts	ADF	Resu
Reference	Primary room use	ADF	Т	Aw	Α	R	θ	ADF	Rest
Window 338			0.68	1.5	126.79	0.7	18.4	0.3%	
Window 339			0.68	2.68	126.79	0.7	50.8	1.4%	
Total ADF for room	Living/Dining/Kitchen	2.0%						1.9%	Fail
Window 340	Bedroom	1.0%	0.68	0.92	45.71	0.73	21.3	0.6%	Fail
Window 341			0.68	0.93	127.03	0.7	22.4	0.2%	
Window 342			0.68	1.5	127.03	0.7	22.5	0.4%	
Window 343			0.68	2.63	127.03	0.7	54.3	1.5%	
Total ADF for room	Living/Dining/Kitchen	2.0%						2.1%	Pass
Window 344	Bedroom	1.0%	0.68	0.71	56.65	0.72	22.2	0.4%	Fail
Window 345			0.68	0.93	123.78	0.7	20.8	0.2%	
Nindow 346			0.68	1.48	123.78	0.7	19.7	0.3%	
Window 347			0.68	2.5	123.78	0.7	55.1	1.5%	
Total ADF for room	Living/Dining/Kitchen	2.0%						2.0%	Pass
Window 348			0.68	0.88	109.84	0.7	17.6	0.2%	
Window 349			0.68	1.48	109.84	0.7	15.9	0.3%	
Window 350			0.68	1.83	109.84	0.7	54.7	1.2%	
Total ADF for room	Living/Dining/Kitchen	2.0%						1.7%	Fail
Vindow 351	Bedroom	1.0%	0.68	2.72	66.17	0.7	49.1	2.7%	Pass
Vindow 352	Bedroom	1.0%	0.68	1.97	61.56	0.71	54.9	2.4%	Pass
Vindow 353	Bedroom	1.0%	0.68	1.92	66.97	0.71	51.3	2.0%	Pass
Window 354	Bedroom	1.0%	0.68	1.91	66.44	0.71	50.4	2.0%	Pass

Appendix 2 - Room Depth Calculation

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

		Room Depth	n Coefficients	_	Room D	Depth Cal	culation
Reference	L	W	Н	Rb	L/W + L/H	<=	2/1-Rb
Proposed Block B							
Ground Floor Block B							
Window 1	5.4	3.4	2.5	0.71	3.75	<=	6.95
Window 5	5.1	3.8	2.5	0.71	3.38	<=	6.95
First Floor Block B							
Window 12	5.1	3.3	2.5	0.72	3.59	<=	7.1
Window 13	5.8	2.7	2.5	0.72	4.47	<=	7.06
Window 18	5.2	3.4	2.5	0.72	3.61	<=	7.02
Window 23	3.7	2.2	2.5	0.7	3.16	<=	6.74
Window 24	3.7	3.3	2.5	0.7	2.6	<=	6.71
Window 25	3.7	2.3	2.5	0.7	3.09	<=	6.74
Second Floor Block B							
Window 33	5.1	3.3	2.5	0.72	3.59	<=	7.1
Window 34	5.8	2.7	2.5	0.72	4.47	<=	7.06
Window 39	5.2	3.4	2.5	0.72	3.61	<=	7.02
Window 44	3.7	2.2	2.5	0.7	3.16	<=	6.74
Window 45	3.7	3.3	2.5	0.7	2.6	<=	6.71
Window 46	3.7	2.3	2.5	0.7	3.09	<=	6.74
Third Floor Block B							
Window 54	5.1	3.3	2.5	0.72	3.59	<=	7.1
Window 55	5.8	2.7	2.5	0.72	4.47	<=	7.06
Window 60	4.5	3.4	2.5	0.71	3.12	<=	6.8
Window 65	4.0	3.5	2.5	0.71	2.74	<=	6.86
Fourth Floor Block B							
Window 73	5.1	3.3	2.5	0.72	3.59	<=	7.1
Window 74	5.8	2.7	2.5	0.72	4.47	<=	7.06
Window 79	4.5	3.4	2.5	0.71	3.12	<=	6.8
Window 84	4.0	3.5	2.5	0.71	2.74	<=	6.86

Appendix 2 - Room Depth Calculation

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

Reference	Room Depth Coefficients				Room Depth Calculation			D
	L	W	Н	Rb	L/W + L/H	<=	2/1-Rb	Result
Proposed Block C								
First Floor Block C								
Window 95	3.3	3.7	2.5	0.71	2.21	<=	6.86	Pass
Window 96	4.0	3.3	2.5	0.7	2.81	<=	6.75	Pass
Window 101	4.5	3.5	2.5	0.71	3.09	<=	7.02	Pass
Second Floor Block C								
Window 110	3.3	3.7	2.5	0.71	2.21	<=	6.86	Pass
Window 111	4.0	3.3	2.5	0.7	2.81	<=	6.75	Pass
Window 116	4.5	3.5	2.5	0.71	3.09	<=	7.02	Pass
Third Floor Block C								
Window 125	3.3	3.7	2.5	0.71	2.21	<=	6.86	Pass
Window 126	4.0	3.3	2.5	0.7	2.81	<=	6.75	Pass
Window 131	4.5	3.5	2.5	0.71	3.09	<=	7.02	Pass
Proposed Block D								
First Floor Block D								
Window 134	4.2	2.9	2.5	0.72	3.13	<=	7.04	Pass
Window 141	4.2	3.0	2.5	0.7	3.08	<=	6.64	Pass
Window 142	4.2	3.0	2.5	0.7	3.08	<=	6.64	Pass
Window 143	2.3	3.6	2.5	0.71	1.56	<=	6.91	Pass
Second Floor Block D								
Window 144	4.2	2.9	2.5	0.72	3.13	<=	7.04	Pass
Window 151	4.2	3.0	2.5	0.71	3.08	<=	6.89	Pass
Window 152	4.2	3.0	2.5	0.71	3.08	<=	6.89	Pass
Window 153	2.3	3.6	2.5	0.71	1.56	<=	6.86	Pass
Third Floor Block D								
Window 154	4.2	2.9	2.5	0.73	3.13	<=	7.32	Pass

Appendix 2 - Room Depth Calculation

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

Defense		Room Depth Calculation						
Reference	L	W	н	Rb	L/W + L/H	<=	2/1-Rb	Result
Window 161	4.2	3.0	2.5	0.7	3.08	<=	6.64	Pass
Window 162	4.2	3.0	2.5	0.7	3.08	<=	6.64	Pass
Window 163	2.3	3.6	2.5	0.71	1.56	<=	6.9	Pass
Fourth Floor Block D								
Window 164	4.2	2.9	2.5	0.73	3.13	<=	7.38	Pass
Window 171	4.2	3.0	2.5	0.71	3.08	<=	7.0	Pass
Window 172	4.2	3.0	2.5	0.71	3.08	<=	7.0	Pass
Window 173	2.3	3.6	2.5	0.71	1.56	<=	6.97	Pass
Fifth Floor Block D								
Window 174	4.2	2.9	2.5	0.73	3.13	<=	7.32	Pass
Window 181	4.2	3.0	2.5	0.7	3.08	<=	6.64	Pass
Window 182	4.2	3.0	2.5	0.7	3.08	<=	6.64	Pass
Window 183	2.3	3.6	2.5	0.71	1.56	<=	6.9	Pass
Sixth Floor Block D								
Window 184	4.2	2.9	2.5	0.73	3.13	<=	7.32	Pass
Window 191	3.4	5.0	2.5	0.7	2.04	<=	6.72	Pass
Proposed Block E								
First Floor Block E								
Window 196	3.1	2.6	2.2	0.7	2.6	<=	6.67	Pass
Second Floor Block E								
Window 201	3.1	2.6	2.2	0.7	2.6	<=	6.68	Pass
Third Floor Block E								
Window 206	3.1	2.6	2.2	0.7	2.6	<=	6.62	Pass
Fourth Floor Block E								
Window 211	3.1	2.6	2.2	0.7	2.6	<=	6.65	Pass
Fifth Floor Block E								

Appendix 2 - Room Depth Calculation

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

	Room Depth Coefficients				Room Depth Calculation				
Reference	L	W W	H	Rb	L/W + L/H	/epiii Cai	2/1-Rb	Result	
Window 216	3.1	2.6	2.3	0.7	2.54	<=	6.71	Pass	
Willidow 216	3.1	2.0	2.3	0.7	2.54	<=	0.71	Fa55	
Sixth Floor Block E									
Window 221	3.1	2.6	2.3	0.7	2.54	<=	6.75	Pass	
Proposed Block Eastern Me	<u>ws</u>								
Ground Floor Block Eastern M	<u>llews</u>								
Window 225	3.5	5.1	2.4	0.64	2.14	<=	5.59	Pass	
Window 226	3.5	5.1	2.4	0.64	2.14	<=	5.59	Pass	
Window 227	3.5	5.1	2.4	0.64	2.14	<=	5.59	Pass	
Window 228	3.5	5.1	2.4	0.64	2.14	<=	5.59	Pass	
Window 241	4.5	4.2	2.4	0.68	2.95	<=	6.18	Pass	
Window 242	4.7	4.2	2.4	0.68	3.08	<=	6.19	Pass	
Window 243	4.7	4.2	2.4	0.68	3.08	<=	6.19	Pass	
Window 244	4.7	4.2	2.4	0.68	3.08	<=	6.19	Pass	
First Floor Block Eastern Mew	vs								
Window 250	0.0	2.0	2.5	0.68	0.0	<=	6.28	Pass	
Window 251	3.5	3.4	2.5	0.68	2.43	<=	6.28	Pass	
Window 252	3.5	3.4	2.5	0.68	2.43	<=	6.28	Pass	
Window 253	2.4	3.5	2.5	0.71	1.65	<=	7.0	Pass	
Window 254	2.4	3.5	2.5	0.71	1.65	<=	7.0	Pass	
Window 258	3.5	3.4	2.5	0.68	2.43	<=	6.28	Pass	
Window 259	3.5	3.4	2.5	0.68	2.43	<=	6.28	Pass	
Window 260	3.5	3.4	2.5	0.68	2.43	<=	6.28	Pass	
Window 261	2.4	3.5	2.5	0.71	1.65	<=	7.0	Pass	
Window 265	3.2	3.8	2.5	0.72	2.12	<=	7.02	Pass	
Window 266	3.4	3.6	2.5	0.72	2.3	<=	7.03	Pass	
Window 267	3.4	3.6	2.5	0.72	2.3	<=	7.03	Pass	
Window 268	3.4	3.6	2.5	0.72	2.3	<=	7.03	Pass	
Window 269	3.8	3.1	2.5	0.72	2.75	<=	7.03	Pass	

Appendix 2 - Room Depth Calculation

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

		Room Depth	Room Depth Calculation					
Reference	L	W	Н	Rb	L/W + L/H	<=	2/1-Rb	Result
Second Floor Block Eastern Mo	ews							
Window 273	3.8	3.1	2.5	0.72	2.75	<=	7.09	Pass
Proposed Block Western Mey	<u>vs</u>							
Ground Floor Western Mews								
Window 277	4.6	3.3	2.4	0.7	3.31	<=	6.74	Pass
Window 278	6.4	4.6	2.4	0.68	4.06	<=	6.27	Pass
Window 279	6.4	4.6	2.4	0.68	4.06	<=	6.27	Pass
Window 280	6.4	4.6	2.4	0.68	4.06	<=	6.27	Pass
Window 281	6.4	4.7	2.4	0.68	4.03	<=	6.27	Pass
Window 282	6.4	4.7	2.4	0.68	4.03	<=	6.27	Pass
Window 283	6.4	4.7	2.4	0.68	4.03	<=	6.27	Pass
Window 284	6.4	5.3	2.4	0.69	3.87	<=	6.35	Pass
Window 285	6.4	5.3	2.4	0.69	3.87	<=	6.35	Pass
Window 286	6.4	5.3	2.4	0.69	3.87	<=	6.35	Pass
Window 287	4.6	3.3	2.4	0.7	3.31	<=	6.74	Pass
Window 288	5.3	2.8	2.4	0.71	4.1	<=	6.92	Pass
First Floor Western Mews								
Window 293	4.1	3.0	2.5	0.71	3.01	<=	6.86	Pass
Window 294	4.4	3.5	2.5	0.71	3.02	<=	6.8	Pass
Window 295	4.4	2.7	2.5	0.71	3.39	<=	6.88	Pass
Window 296	4.4	2.8	2.5	0.71	3.33	<=	6.88	Pass
Window 297	4.4	3.4	2.5	0.71	3.05	<=	6.8	Pass
Window 298	4.4	3.4	2.5	0.71	3.05	<=	6.8	Pass
Window 299	4.4	3.4	2.5	0.71	3.05	<=	6.8	Pass
Window 300	4.1	3.0	2.5	0.71	3.01	<=	6.86	Pass
Window 303	3.7	2.7	2.5	0.71	2.85	<=	6.83	Pass
Proposed Block Falcon								
Lower Ground Falcon								
Window 304	5.1	3.1	2.3	0.72	3.86	<=	7.04	Pass

Appendix 2 - Room Depth Calculation

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

		Room Depth	Coefficients		Room D	epth Cal	culation	
Reference	L	W	Н	Rb	L/W + L/H	<=	2/1-Rb	Result
Window 305	3.0	5.0	2.3	0.72	1.9	<=	7.14	Pass
Window 306	3.8	2.5	2.3	0.73	3.17	<=	7.29	Pass
Window 307	3.8	6.0	2.3	0.71	2.29	<=	6.8	Pass
Window 308	3.8	6.0	2.3	0.71	2.29	<=	6.8	Pass
Window 309	4.6	3.1	2.3	0.71	3.48	<=	7.0	Pass
Window 310	6.3	5.1	2.3	0.7	3.97	<=	6.74	Pass
Window 311	6.3	5.1	3.3	0.7	3.14	<=	6.74	Pass
Window 312	7.3	4.9	2.3	0.7	4.66	<=	6.73	Pass
Window 313	7.3	4.9	2.3	0.7	4.66	<=	6.73	Pass
Window 314	4.1	3.3	2.3	0.71	3.03	<=	6.95	Pass
Window 315	2.2	3.7	2.3	0.72	1.55	<=	7.18	Pass
Window 316	5.1	3.2	2.3	0.71	3.81	<=	6.82	Pass
Window 317	5.1	3.2	2.3	0.71	3.81	<=	6.82	Pass
Proposed Richbell								
ower Ground Richbell								
Window 318	2.8	3.4	2.1	0.72	2.16	<=	7.15	Pass
Window 319	2.8	3.6	2.1	0.73	2.11	<=	7.34	Pass
Window 320	2.8	6.1	2.1	0.71	1.79	<=	6.83	Pass
Window 321	2.8	6.1	2.1	0.71	1.79	<=	6.83	Pass
Window 322	3.0	5.4	2.1	0.7	1.98	<=	6.66	Pass
Window 323	3.0	5.4	2.1	0.7	1.98	<=	6.66	Pass
Window 324	3.0	5.2	2.1	0.7	2.01	<=	6.67	Pass
Window 325	3.0	5.2	2.1	0.7	2.01	<=	6.67	Pass
Window 326	4.2	2.2	2.1	0.71	3.91	<=	6.98	Pass
Window 327	3.0	4.0	2.1	0.7	2.18	<=	6.76	Pass
Window 328	4.8	3.6	2.1	0.71	3.62	<=	6.87	Pass
Window 329	4.9	3.6	2.1	0.71	3.69	<=	6.9	Pass
Window 330	3.1	4.5	2.1	0.71	2.17	<=	6.91	Pass
Proposed Blemundsbury								

Lower Ground Blemundsbury

Appendix 2 - Room Depth Calculation

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

Reference		Room Depth Coefficients			Room Depth Calculation			Result
Kelerence	L	W	Н	Rb	L/W + L/H	<=	2/1-Rb	Result
Window 331	3.6	3.3	2.5	0.71	2.53	<=	6.96	Pass
Window 332	3.6	3.3	2.5	0.72	2.53	<=	7.15	Pass
Window 336	3.2	2.5	2.5	0.72	2.56	<=	7.11	Pass
Window 340	3.2	2.5	2.5	0.73	2.56	<=	7.33	Pass
Window 344	3.6	3.4	2.5	0.72	2.5	<=	7.17	Pass
Window 351	3.9	3.4	2.5	0.7	2.71	<=	6.76	Pass
Window 352	3.6	3.4	2.5	0.71	2.5	<=	6.96	Pass
Window 353	4.0	3.4	2.5	0.71	2.78	<=	6.96	Pass
Window 354	4.0	3.4	2.5	0.71	2.78	<=	6.97	Pass

Appendix 2 - Sunlight to Windows

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

Reference	Room Use	AF	PSH
Reference	Noon osc	Total	Winter
Proposed Block B			
Ground Floor Block B			
Window 2	Living/Dining/Kitchen	16%	1%
Window 3	Living/Dining/Kitchen	19%	2%
Window 4	Living/Dining/Kitchen	0%	0%
Window 6	Living/Dining/Kitchen	0%	0%
Window 7	Living/Dining/Kitchen	1%	0%
Window 8	Living/Dining/Kitchen	4%	0%
First Floor Block B			
Window 9	Living/Dining/Kitchen	3%	0%
Window 10	Living/Dining/Kitchen	0%	0%
Window 11	Living/Dining/Kitchen	20%	0%
Window 14	Living/Dining/Kitchen	21%	2%
Window 15	Living/Dining/Kitchen	0%	0%
Window 16	Living/Dining/Kitchen	0%	0%
Window 17	Living/Dining/Kitchen	0%	0%
Window 19	Living/Dining/Kitchen	0%	0%
Window 20	Living/Dining/Kitchen	0%	0%
Window 21	Living/Dining/Kitchen	0%	0%
Window 22	Living/Dining/Kitchen	5%	0%
Window 26	Living/Dining/Kitchen	5%	0%
Window 27	Living/Dining/Kitchen	1%	1%
Window 28	Living/Dining/Kitchen	2%	0%
Window 29	Living/Dining/Kitchen	24%	5%
Second Floor Block B			
Window 30	Living/Dining/Kitchen	7%	1%
Window 31	Living/Dining/Kitchen	0%	0%
Window 32	Living/Dining/Kitchen	22%	1%
Window 35	Living/Dining/Kitchen	21%	2%
Window 36	Living/Dining/Kitchen	0%	0%
Window 37	Living/Dining/Kitchen	0%	0%

Appendix 2 - Sunlight to Windows

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

D (Defenses Described		PSH
Reference	Room Use	Total	Winter
Window 38	Living/Dining/Kitchen	0%	0%
Window 40	Living/Dining/Kitchen	0%	0%
Window 41	Living/Dining/Kitchen	0%	0%
Window 42	Living/Dining/Kitchen	0%	0%
Window 43	Living/Dining/Kitchen	11%	0%
Window 47	Living/Dining/Kitchen	8%	0%
Window 48	Living/Dining/Kitchen	7%	4%
Window 49	Living/Dining/Kitchen	5%	0%
Window 50	Living/Dining/Kitchen	26%	7%
Third Floor Block B			
Window 51	Living/Dining/Kitchen	4%	1%
Window 52	Living/Dining/Kitchen	0%	0%
Window 53	Living/Dining/Kitchen	22%	1%
Window 56	Living/Dining/Kitchen	23%	4%
Window 57	Living/Dining/Kitchen	0%	0%
Window 58	Living/Dining/Kitchen	0%	0%
Window 59	Living/Dining/Kitchen	0%	0%
Window 61	Living/Dining/Kitchen	0%	0%
Window 62	Living/Dining/Kitchen	5%	0%
Window 63	Living/Dining/Kitchen	0%	0%
Window 64	Living/Dining/Kitchen	24%	3%
Window 66	Living/Dining/Kitchen	24%	3%
Window 67	Living/Dining/Kitchen	0%	0%
Window 68	Living/Dining/Kitchen	9%	2%
Window 69	Living/Dining/Kitchen	25%	9%
Fourth Floor Block B			
Window 70	Living/Dining/Kitchen	20%	2%
Window 71	Living/Dining/Kitchen	0%	0%
Window 72	Living/Dining/Kitchen	27%	3%
Window 75	Living/Dining/Kitchen	25%	5%
Window 76	Living/Dining/Kitchen	0%	0%
	J J		

Appendix 2 - Sunlight to Windows

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

D. f. co. co.	Described.	AF	APSH		
Reference	Room Use	Total	Winter		
Window 77	Living/Dining/Kitchen	11%	0%		
Window 78	Living/Dining/Kitchen	0%	0%		
Window 80	Living/Dining/Kitchen	0%	0%		
Window 81	Living/Dining/Kitchen	7%	0%		
Window 82	Living/Dining/Kitchen	0%	0%		
Window 83	Living/Dining/Kitchen	24%	3%		
Window 85	Living/Dining/Kitchen	24%	3%		
Window 86	Living/Dining/Kitchen	20%	5%		
Window 87	Living/Dining/Kitchen	22%	2%		
Window 88	Living/Dining/Kitchen	25%	9%		
Proposed Block C					
First Floor Block C					
Window 89	Living/Dining/Kitchen	10%	5%		
Window 90	Living/Dining/Kitchen	14%	0%		
Window 91	Living/Dining/Kitchen	22%	2%		
Window 92	Living/Dining/Kitchen	0%	0%		
Window 99	Living Room	0%	0%		
Window 100	Living Room	0%	0%		
Second Floor Block C					
Window 104	Living/Dining/Kitchen	11%	6%		
Window 105	Living/Dining/Kitchen	18%	0%		
Window 106	Living/Dining/Kitchen	27%	6%		
Window 107	Living/Dining/Kitchen	0%	0%		
Window 114	Living Room	0%	0%		
Window 115	Living Room	3%	0%		
Third Floor Block C					
Window 119	Living/Dining/Kitchen	15%	10%		
Window 120	Living/Dining/Kitchen	24%	4%		
Window 121	Living/Dining/Kitchen	32%	11%		
Window 122	Living/Dining/Kitchen	0%	0%		

Appendix 2 - Sunlight to Windows

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

Reference	Room Use	AF	APSH		
Reference	Koom Ose	Total	Winter		
Window 129	Living/Dining/Kitchen	0%	0%		
Window 130	Living/Dining/Kitchen	8%	0%		
Proposed Block D					
First Floor Block D					
Window 135	Living/Dining/Kitchen	6%	5%		
Window 136	Living/Dining/Kitchen	6%	5%		
Window 137	Living/Dining/Kitchen	27%	8%		
Window 138	Living/Dining/Kitchen	26%	6%		
Window 139	Living/Dining/Kitchen	1%	0%		
Window 140	Living/Dining/Kitchen	4%	0%		
Second Floor Block D					
Window 145	Living/Dining/Kitchen	8%	7%		
Window 146	Living/Dining/Kitchen	7%	6%		
Window 147	Living/Dining/Kitchen	32%	9%		
Window 148	Living/Dining/Kitchen	32%	8%		
Window 149	Living/Dining/Kitchen	1%	0%		
Window 150	Living/Dining/Kitchen	6%	0%		
Third Floor Block D					
Window 155	Living/Dining/Kitchen	12%	8%		
Window 156	Living/Dining/Kitchen	8%	7%		
Window 157	Living/Dining/Kitchen	37%	10%		
Window 158	Living/Dining/Kitchen	37%	9%		
Window 159	Living/Dining/Kitchen	2%	0%		
Window 160	Living/Dining/Kitchen	10%	1%		
Fourth Floor Block D					
Window 165	Living/Dining/Kitchen	15%	10%		
Window 166	Living/Dining/Kitchen	8%	7%		
Window 167	Living/Dining/Kitchen	41%	12%		
Window 168	Living/Dining/Kitchen	41%	12%		
Window 169	Living/Dining/Kitchen	2%	0%		
WINDOW 103	Living/Dining/Richell	∠ /0	0 /0		

Appendix 2 - Sunlight to Windows

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

Defenses	Days Hee	AP	APSH		
Reference	Room Use	Total	Winter		
Window 170	Living/Dining/Kitchen	14%	4%		
Fifth Floor Block D					
Window 175	Living/Dining/Kitchen	16%	11%		
Window 176	Living/Dining/Kitchen	9%	8%		
Window 177	Living/Dining/Kitchen	43%	14%		
Window 178	Living/Dining/Kitchen	44%	15%		
Window 179	Living/Dining/Kitchen	2%	0%		
Window 180	Living/Dining/Kitchen	16%	6%		
Sixth Floor Block D					
Window 185	Living/Dining/Kitchen	41%	17%		
Window 186	Living/Dining/Kitchen	30%	14%		
Window 187	Living/Dining/Kitchen	45%	16%		
Window 188	Living/Dining/Kitchen	45%	16%		
Window 189	Living/Dining/Kitchen	2%	0%		
Window 190	Living/Dining/Kitchen	37%	8%		
Proposed Block E					
First Floor Block E					
Window 192	Living/Dining/Kitchen	2%	0%		
Window 193	Living/Dining/Kitchen	4%	0%		
Window 194	Living/Dining/Kitchen	1%	1%		
Window 195	Living/Dining/Kitchen	4%	4%		
Second Floor Block E					
Window 197	Living/Dining/Kitchen	4%	0%		
Window 198	Living/Dining/Kitchen	6%	0%		
Window 199	Living/Dining/Kitchen	1%	1%		
Window 200	Living/Dining/Kitchen	4%	4%		
Third Floor Block E					
Window 202	Living/Dining/Kitchen	6%	0%		
Window 203	Living/Dining/Kitchen	9%	0%		

Appendix 2 - Sunlight to Windows

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

Reference	Room Use	AF	APSH		
Releielice	Room ose	Total	Winter		
Window 204	Living/Dining/Kitchen	1%	1%		
Window 205	Living/Dining/Kitchen	6%	6%		
ourth Floor Block E					
Window 207	Living/Dining/Kitchen	7%	0%		
Window 208	Living/Dining/Kitchen	11%	0%		
Window 209	Living/Dining/Kitchen	2%	2%		
Window 210	Living/Dining/Kitchen	7%	7%		
ifth Floor Block E					
Window 212	Living/Dining/Kitchen	8%	0%		
Window 213	Living/Dining/Kitchen	15%	0%		
Window 214	Living/Dining/Kitchen	2%	2%		
Window 215	Living/Dining/Kitchen	9%	9%		
ixth Floor Block E					
Window 217	Living/Dining/Kitchen	11%	0%		
Window 218	Living/Dining/Kitchen	16%	0%		
Window 219	Living/Dining/Kitchen	20%	6%		
Window 220	Living/Dining/Kitchen	27%	18%		
Proposed Block Eastern Mews					
Fround Floor Block Eastern Mews					
Window 222	Living Room	23%	8%		
Window 223	Living Room	33%	7%		
Window 224	Living Room	0%	0%		
Window 225	Living Room	33%	7%		
Window 226	Living Room	20%	5%		
Window 227	Living Room	0%	0%		
Window 228	Living Room	0%	0%		
Window 229	Living Room	10%	1%		
Window 230	Living Room	15%	2%		
Window 231	Living Room	0%	0%		

Appendix 2 - Sunlight to Windows

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

Reference Window 233	Room Use	Total	
Window 233		Total	Winter
	Living Room	12%	3%
Window 234	Living Room	0%	0%
Window 235	Living Room	0%	0%
Window 236	Living Room	0%	0%
Window 237	Living Room	21%	11%
Window 238	Living Room	11%	5%
Window 239	Living Room	0%	0%
Window 240	Living Room	0%	0%
Proposed Block Western Mews			
Ground Floor Western Mews			
Window 277	Living Room	25%	4%
Window 278	Living/Dining/Kitchen	25%	4%
Window 279	Living/Dining/Kitchen	15%	3%
Window 280	Living/Dining/Kitchen	0%	0%
Window 281	Living/Dining/Kitchen	10%	1%
Window 282	Living/Dining/Kitchen	9%	0%
Window 283	Living/Dining/Kitchen	0%	0%
Window 284	Living/Dining/Kitchen	3%	0%
Window 285	Living/Dining/Kitchen	0%	0%
Window 286	Living/Dining/Kitchen	0%	0%
Window 287	Living Room	15%	9%
Proposed Block Falcon			
ower Ground Falcon			
Window 310	Living/Dining/Kitchen	39%	16%
Window 311	Living/Dining/Kitchen	0%	0%
Window 312	Living/Dining/Kitchen	39%	16%
Window 313	Living/Dining/Kitchen	0%	0%
Window 316	Living Room	0%	0%
Window 317	Living Room	0%	0%
Proposed Richbell			

Lower Ground Richbell

Appendix 2 - Sunlight to Windows

Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

Reference	Room Use	AF	PSH
Reference	Room ose	Total	Winter
Window 328	Living Room	1%	0%
Window 329	Living Room	0%	0%
Proposed Blemundsbury			
Lower Ground Blemundsbury			
Window 333	Living/Dining/Kitchen	0%	0%
Window 334	Living/Dining/Kitchen	0%	0%
Window 335	Living/Dining/Kitchen	35%	3%
Window 337	Living/Dining/Kitchen	0%	0%
Window 338	Living/Dining/Kitchen	0%	0%
Window 339	Living/Dining/Kitchen	34%	4%
Window 341	Living/Dining/Kitchen	0%	0%
Window 342	Living/Dining/Kitchen	0%	0%
Window 343	Living/Dining/Kitchen	37%	5%
Window 345	Living/Dining/Kitchen	1%	0%
Window 346	Living/Dining/Kitchen	2%	0%
Window 347	Living/Dining/Kitchen	37%	8%
Window 348	Living/Dining/Kitchen	0%	0%
Window 349	Living/Dining/Kitchen	2%	0%
Window 350	Living/Dining/Kitchen	37%	8%

Appendix 2 - Overshadowing to Gardens and Open Spaces Tybalds Estate, Orde Hall Street, Camden, London WC1N 3JT

Reference	Total Area	Area receiving at least 2 hours o on 21 March	of sunlight
Proposed Block Eastern Mews			
Ground Floor Block Eastern Mews	=		
Garden 1	48.62 m2	0.0 m2	0%
Garden 2	17.37 m2	0.0 m2	0%
Garden 3	15.88 m2	0.0 m2	0%
Garden 4	15.88 m2	0.0 m2	0%
Garden 5	15.06 m2	0.0 m2	0%
Proposed Block Western Mews			
Ground Floor Western Mews			
Garden 6	4.99 m2	0.0 m2	0%
Garden 7	4.52 m2	0.0 m2	0%
Garden 8	4.52 m2	0.0 m2	0%
Garden 9	4.52 m2	0.0 m2	0%
Proposed Block Falcon			
Lower Ground Falcon			
Garden 10	8.97 m2	0.0 m2	0%
Garden 11	19.08 m2	0.0 m2	0%
Garden 12	19.01 m2	0.0 m2	0%
Proposed Richbell			
Lower Ground Richbell			
Garden 13	22.0 m2	0.0 m2	0%
Garden 14	11.49 m2	0.0 m2	0%
Proposed Blemundsbury			
Lower Ground Blemundsbury			
Garden 15	18.77 m2	0.0 m2	0%
Garden 16	19.24 m2	0.0 m2	0%
Garden 17	19.26 m2	0.0 m2	0%
Garden 18	18.55 m2	0.0 m2	0%
Garden 19	5.34 m2	0.0 m2	0%
Communal Amenity Areas			
Ground Floor			
Garden 20	282.34 m2	202.51 m2	72%
Garden 21	752.87 m2	719.85 m2	96%
Garden 22	493.94 m2	471.25 m2	95%

