RIGHT OF LIGHT CONSULTING
Chartered Surveyors

Right of Light Consulting
Burley House
15-17 High Street
Rayleigh
Essex
SS6 7EW
TEL 0800 197 4836
E-MAIL enquiries@right-of-light.co.uk
WEBSITE www.right-of-light.co.uk

Daylight and Sunlight Study (Within Development)
422 Upper Richmond Road West, East Sheen, London SW14 7JX

13 May 2020

Right of Light Consulting

Burley House
15-17 High Street
Rayleigh
Essex SS6 7EW

Tel: 0800 197 4836

www.right-of-light.co.uk

CONTENTS

APPENDICES

1 EXECUTIVE SUMMARY

1.1 Overview

1.1.1 Right of Light Consulting has been commissioned by Sheen Property Holdings Ltd. to undertake a daylight and sunlight study in connection with the development at 422 Upper Richmond Road West East Sheen, London SW14 7JX. The aim of the study is to check whether or not the proposed development receives satisfactory levels of daylight and sunlight.

1.1.2 The study is based on the numerical tests laid down in the Building Research Establishment (BRE) guide 'Site Layout Planning for Daylight and Sunlight: a good practice guide, 2nd Edition' by P J Littlefair 2011.

1.1.3 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 1.

1.1.4 Right of Light Consulting confirms that that there are some shortfalls against the BRE guidelines. Due to the mitigating factors listed in section 4, in our opinion, the level of daylight and sunlight should be acceptable.

2 INFORMATION SOURCES

2.1 Documents Considered

2.1.1 This report is based on the following drawings:

Terence M.G Kearney Registered Architect

2016/4/PL4	Proposed Plans and Elevations	Rev -

3 METHODOLOGY OF THE STUDY

3.1 Local Planning Policy

3.1.1 We understand that the Local Authority take 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 not anticipated until sometime in 2020. 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:

3.1.3 "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:

3.2.2 "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 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 *(df)*

3.3.2 The Average Daylight Factor 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 Awis 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

3.3.3 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.

3.3.4 For the purpose of this study we have assumed BRE internal reflectance values pertaining to medium wooden floors (Coefficient value of 0.4), light painted walls (0.8) and matte white painted ceilings (0.85).

3.3.5 For the purpose of this study we have assumed the windows consist of modern double-glazed units with a frame to glazing ratio of 0.8. A maintenance factor has been applied to consider the effect of dirt and grime on the visibility of the window. On this basis, the transmittance value used within this study is 0.68.

3.3.6 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.

3.3.7 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.

3.3.8 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

3.3.9 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

Test 3 Position of the no sky line

3.3.10 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.

3.3.11 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.

3.4 Sunlight to Windows

3.4.1 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.

3.4.2 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.

3.4.3 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.

3.5 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 Refer to Appendix 1 for a drawing which 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 Numerical Results

4.2.1 The numerical test results including all calculation workings are provided in Appendix 2.

4.3 Interior Daylighting

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

4.3.2 All rooms pass the room depth test.

4.3.3 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 1. The contours illustrate good access to daylight over a significant part of the working plane.

4.4 Sunlight to Windows

4.4.1 All living room windows do not face within 90 degrees of due south and will therefore not receive ideal levels of direct sunlight. However, the BRE guide acknowledges that it is not always possible for every dwelling to be well situated to receive direct sunlight. Due to the site constraints of the existing building, it is not possible for the living room windows to face within 90 degrees of due south. The proposed development therefore satisfies the BRE direct sunlight to windows requirements.

4.4.2 Furthermore, we understand that there is an extant permission in place for a variation of the proposed layout. The extant permission sunlight results can be seen Appendix 4. Given the placement of the windows remain the same at the lower ground and ground floors in the updated layout, we understand the limited sunlight availability is not an issue.

4.5 Overshadowing to Gardens and Open Spaces

4.5.1 The terrace and garden areas are north facing and the results show that they do not meet the BRE recommendation of achieving 2 hours of sunlight on 21st March to 50% of their respective areas. However, the BRE guide acknowledges that it is not always possible for all dwellings to have an ideal southerly aspect. Furthermore, it should be noted that the BRE numerical overshadowing recommendations are designed to be applied to relatively large open spaces such as main back gardens to houses, parks etc, and not individual private terraces. Despite the shortfall in the amount of sunlight received by the terrace, we still consider that it will provide a useable amenity area for future occupants.

4.5.2 The proposed terrace and garden areas are also the same as in the previous extant permission. We therefore consider that the same degree of flexibility should be applied.

4.6 Conclusion

4.6.1 Right of Light Consulting confirms that that there are some shortfalls against the BRE guidelines. Due to the mitigating factors listed in section 4, in our opinion, the level of daylight and sunlight should be acceptable.

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 has been undertaken without access to the proposed development site or neighbouring properties. The study is based on the information listed in section 2 of this report.

5.1.4 This study does not calculate the effects of trees and hedges on daylight, sunlight and overshadowing to gardens. The BRE guide states that trees should sometimes be taken into account, e.g. where there is concern that future occupants of the dwelling may want the trees to be cutdown if they block too much skylight or sunlight. We are not aware of any such circumstances, in this instance.

5.1.5 We have undertaken the survey following the guidelines of the RICS publication “Surveying Safely”. Where limited access is available, assumptions will have been made.

5.1.6 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.

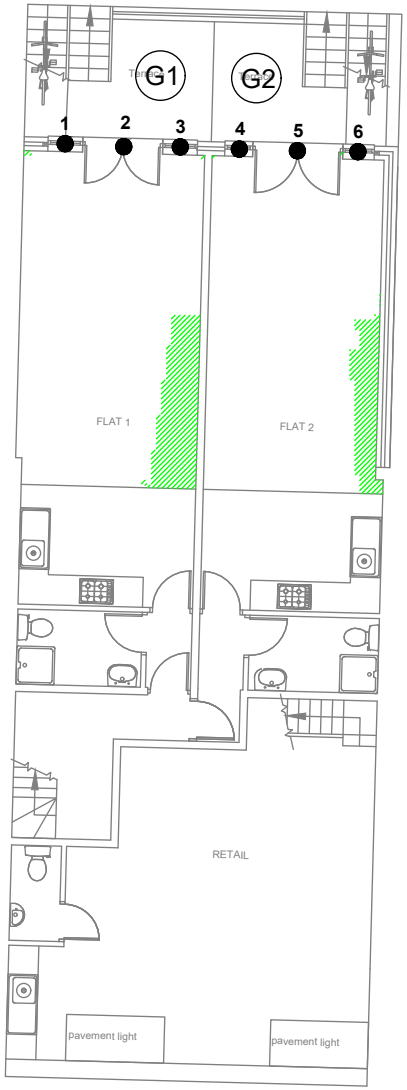
APPENDICES

APPENDIX 1

WINDOW KEY & NO SKY LINE CONTOURS

Proposed Lower Ground Floor

Window Key and No Sky Line Contours



Key:

- Window reference
- G1 — Gardens and Amenity Areas
- Area receives no direct sky light (applied to habitable rooms)
- Area does receive direct sky light.
- Light aperture.

Project Name: 422 Upper Richmond Road West East Sheen, London SW14 7JX

Drawing Title: Window Key and No Sky Line Contours

Scale: Do not scale

Drawing No: 1 of 4 | Rev. -

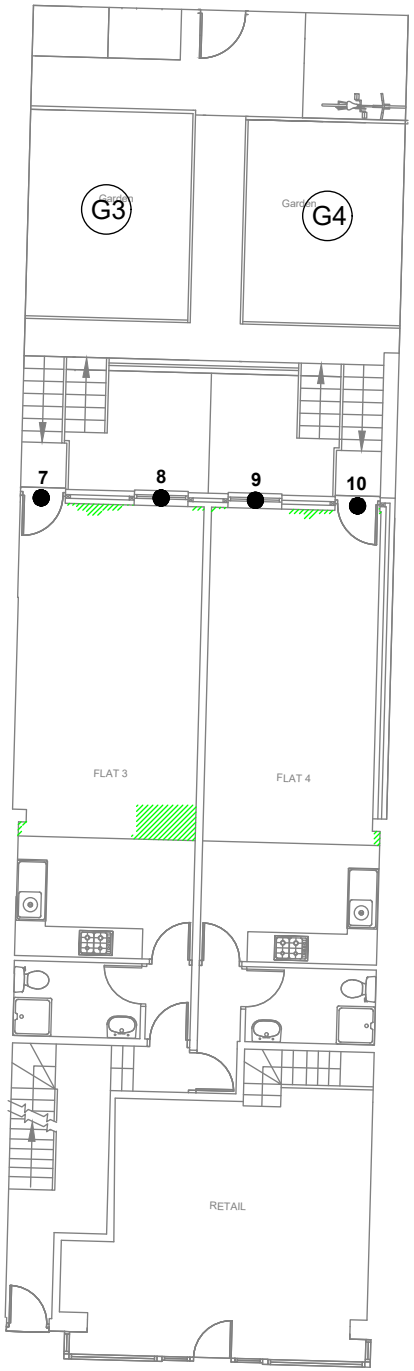
Rev	Date	Details of revision

RIGHT OF LIGHT CONSULTING
Chartered Surveyors

Right of Light Consulting
Burley House
15 - 17 High Street
Rayleigh
Essex
SS6 7EW
TEL 0800 197 4836
E-MAIL enquiries@right-of-light.co.uk
WEBSITE www.right-of-light.co.uk

Proposed Ground Floor

Window Key and No Sky Line Contours



Key:

- Window reference
- G1 — Gardens and Amenity Areas
- Area receives no direct sky light (applied to habitable rooms)
- Area does receive direct sky light.
- Light aperture.

Project Name: 422 Upper Richmond Road West East Sheen, London SW14 7JX

Drawing Title: Window Key and No Sky Line Contours

Scale: Do not scale

Drawing No: 2 of 4 | Rev. -

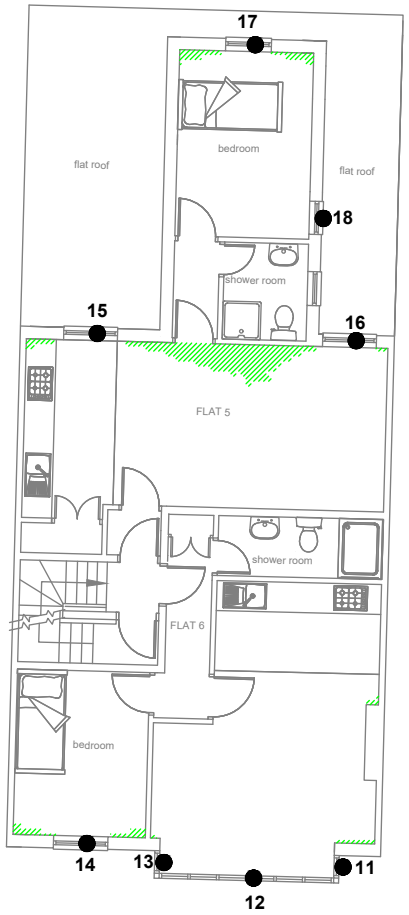
Rev	Date	Details of revision

RIGHT OF LIGHT CONSULTING
Chartered Surveyors

Right of Light Consulting
Burley House
15 - 17 High Street
Rayleigh
Essex
SS6 7EW
TEL 0800 197 4836
E-MAIL enquiries@right-of-light.co.uk
WEBSITE www.right-of-light.co.uk

Proposed First Floor

Window Key and No Sky Line Contours



Key:

- Window reference
- G1 — Gardens and Amenity Areas
- Area receives no direct sky light (applied to habitable rooms)
- Area does receive direct sky light.
- Light aperture.

Project Name: 422 Upper Richmond Road West East Sheen, London SW14 7JX

Drawing Title: Window Key and No Sky Line Contours

Scale: Do not scale

Drawing No: 3 of 4 | Rev. -

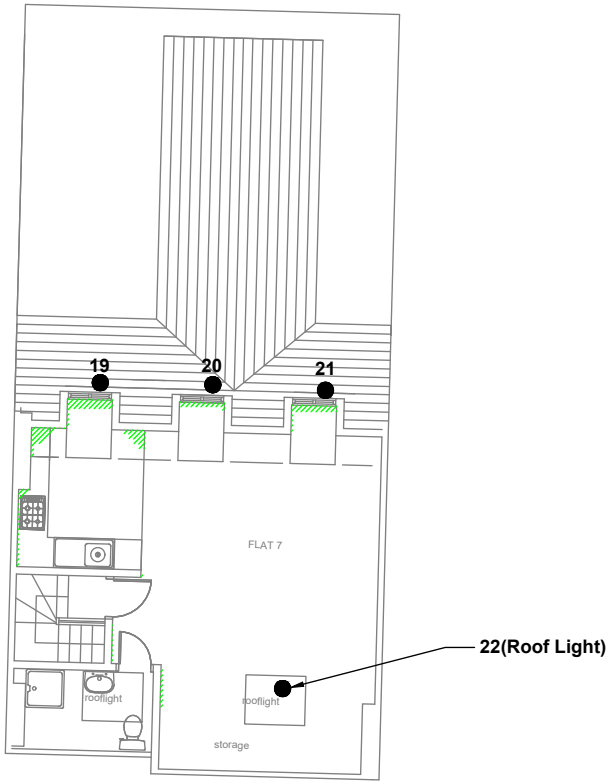
Rev	Date	Details of revision

RIGHT OF LIGHT CONSULTING
Chartered Surveyors

Right of Light Consulting
Burley House
15 - 17 High Street
Rayleigh
Essex
SS6 7EW
TEL 0800 197 4836
E-MAIL enquiries@right-of-light.co.uk
WEBSITE www.right-of-light.co.uk

Proposed Second Floor

Window Key and No Sky Line Contours



Key:

- Window reference
- G1 — Gardens and Amenity Areas
- Area receives no direct sky light (applied to habitable rooms)
- Area does receive direct sky light.
- Light aperture.

Project Name: 422 Upper Richmond Road West East Sheen, London SW14 7JX

Drawing Title: Window Key and No Sky Line Contours

Scale: Do not scale

Drawing No: 4 of 4 | Rev. -

Rev	Date	Details of revision

RIGHT OF LIGHT CONSULTING
Chartered Surveyors

Right of Light Consulting
Burley House
15 - 17 High Street
Rayleigh
Essex
SS6 7EW
TEL 0800 197 4836
E-MAIL enquiries@right-of-light.co.uk
WEBSITE www.right-of-light.co.uk

APPENDIX 2

DAYLIGHT AND SUNLIGHT CALCULATIONS

Appendix 2 - Average Daylight Factor (ADF)

422 Upper Richmond Road West East Sheen, London SW14 7JX

Reference	Target ADF based on room use		Average Daylight Factor Coefficients					Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result
422 Upper Richmond Road									
Lower Ground Floor									
Window 1 (lower)			0.68	0.22	96.56	0.68	38.4	0.0%	
Window 1 (upper)			0.68	0.75	96.56	0.68	42.1	0.4%	
Window 2 (lower)			0.68	1.02	96.56	0.68	45.8	0.2%	
Window 2 (upper)			0.68	1.62	96.56	0.68	56.1	1.2%	
Window 3 (lower)			0.68	0.22	96.56	0.68	50.9	0.1%	
Window 3 (upper)			0.68	0.75	96.56	0.68	59.6	0.6%	
Total ADF for room	Living/Bedroom	1.5%						**2.5%**	**Pass**
Window 4 (lower)			0.68	0.18	94.34	0.68	50.4	0.0%	
Window 4 (upper)			0.68	0.6	94.34	0.68	59.8	0.5%	
Window 5 (lower)			0.68	1.16	94.34	0.68	43.3	0.3%	
Window 5 (upper)			0.68	1.84	94.34	0.68	52.7	1.3%	
Window 6 (lower)			0.68	0.2	94.34	0.68	28.0	0.0%	
Window 6 (upper)			0.68	0.68	94.34	0.68	22.8	0.2%	
Total ADF for room	Living/Bedroom	1.5%						**2.3%**	**Pass**
Ground Floor									
Window 7 (lower)			0.68	0.54	98.12	0.69	44.6	0.1%	
Window 7 (upper)			0.68	0.86	98.12	0.69	60.0	0.7%	
Window 8 (lower)			0.68	0.41	98.12	0.69	69.4	0.2%	
Window 8 (upper)			0.68	1.04	98.12	0.69	74.4	1.0%	
Total ADF for room	Living/Bedroom	1.5%						**2.0%**	**Pass**
Window 9 (lower)			0.68	0.41	93.2	0.69	73.2	0.2%	
Window 9 (upper)			0.68	1.04	93.2	0.69	77.2	1.1%	
Window 10 (lower)			0.68	0.54	93.2	0.69	60.0	0.2%	
Window 10 (upper)			0.68	0.86	93.2	0.69	79.0	1.0%	
Total ADF for room	Living/Bedroom	1.5%						**2.5%**	**Pass**

Appendix 2 - Average Daylight Factor (ADF)

422 Upper Richmond Road West East Sheen, London SW14 7JX

Reference	Target ADF based on room use		Average Daylight Factor Coefficients					Actual ADF	
	Primary room use	ADF	T	Aw	A	R	Theta	ADF	Result
First Floor									
Window 11 (lower)			0.68	0.04	75.67	0.67	51.7	0.0%	
Window 11 (upper)			0.68	0.55	75.67	0.67	51.0	0.5%	
Window 12 (lower)			0.68	0.29	75.67	0.67	80.0	0.2%	
Window 12 (upper)			0.68	4.23	75.67	0.67	80.6	5.6%	
Window 13 (lower)			0.68	0.04	75.67	0.67	48.6	0.0%	
Window 13 (upper)			0.68	0.55	75.67	0.67	48.5	0.4%	
Total ADF for room	Living/Bedroom	1.5%						**6.7%**	**Pass**
Window 14 (lower)			0.68	0.09	46.99	0.71	76.5	0.1%	
Window 14 (upper)			0.68	1.32	46.99	0.71	72.4	2.8%	
Total ADF for room	Bedroom	1.0%						**2.9%**	**Pass**
Window 15 (lower)			0.68	0.22	39.6	0.72	66.9	0.2%	
Window 15 (upper)			0.68	1.24	39.6	0.72	73.8	3.2%	
Total ADF for room	Kitchen	2.0%						**3.4%**	**Pass**
Window 16 (lower)			0.68	0.22	78.47	0.7	39.7	0.1%	
Window 16 (upper)			0.68	1.24	78.47	0.7	55.0	1.1%	
Window 15 (lower)			0.68	0.22	78.47	0.7	66.9	0.1%	
Window 15 (upper)			0.68	1.24	78.47	0.7	73.8	1.5%	
Total ADF for room	Living/Dining	1.5%						**2.8%**	**Pass**
Window 17 (lower)			0.68	0.17	51.56	0.71	82.3	0.1%	
Window 17 (upper)			0.68	1.04	51.56	0.71	84.1	2.3%	
Window 18 (lower)			0.68	0.27	51.56	0.71	28.9	0.1%	
Window 18 (upper)			0.68	0.22	51.56	0.71	31.1	0.2%	
Total ADF for room	Bedroom	1.0%						**2.7%**	**Pass**
Second Floor									
Window 19	Kitchen	2.0%	0.68	0.93	41.35	0.72	87.1	**2.8%**	**Pass**
Window 20			0.68	0.93	126.39	0.69	87.0	0.8%	
Window 21			0.68	0.93	126.39	0.69	86.4	0.8%	
Window 22			0.68	1.11	126.39	0.69	116.5	1.3%	
Total ADF for room	Living/Bedroom	1.5%						**2.9%**	**Pass**

Appendix 2 - Room Depth Calculation

422 Upper Richmond Road West East Sheen, London SW14 7JX

Room	Room Depth Coefficients				Room Depth Calculation			Result
	L	W	H	Rb	L/W + L/H	<=	2/1-Rb	
422 Upper Richmond Road								
Lower Ground Floor								
Window 1	6.7	3.6	2.2	0.68	4.91	<=	6.24	Pass
Window 2	6.8	3.6	2.2	0.68	4.98	<=	6.24	Pass
Window 3	6.7	3.6	2.2	0.68	4.91	<=	6.24	Pass
Window 4	6.7	3.6	2.2	0.68	4.91	<=	6.25	Pass
Window 5	6.8	3.6	2.2	0.68	4.98	<=	6.25	Pass
Window 6	6.7	3.6	2.2	0.68	4.91	<=	6.25	Pass
Ground Floor								
Window 7	6.8	3.7	2.2	0.69	4.93	<=	6.5	Pass
Window 8	6.7	3.7	2.1	0.69	5.0	<=	6.5	Pass
Window 9	6.7	3.5	2.1	0.69	5.1	<=	6.52	Pass
Window 10	6.8	3.5	2.2	0.69	5.03	<=	6.52	Pass
First Floor								
Window 11	3.7	4.1	2.4	0.67	2.44	<=	6.14	Pass
Window 12	4.1	4.5	2.4	0.67	2.62	<=	6.14	Pass
Window 13	4.3	4.1	2.4	0.67	2.84	<=	6.14	Pass
Window 14	3.3	2.6	2.4	0.71	2.64	<=	7.0	Pass
Window 15	3.6	1.8	2.3	0.72	3.57	<=	7.09	Pass
Window 15	3.3	5.4	2.3	0.7	2.05	<=	6.57	Pass
Window 16	3.3	5.4	2.3	0.7	2.05	<=	6.57	Pass
Window 17	3.7	2.7	2.3	0.71	2.98	<=	6.89	Pass
Window 18	2.7	3.7	1.3	0.71	2.81	<=	6.89	Pass
Second Floor								
Window 19	3.4	2.5	2.3	0.72	2.84	<=	7.24	Pass
Window 20	7.4	5.3	2.3	0.69	4.61	<=	6.52	Pass
Window 21	7.4	5.3	2.3	0.69	4.61	<=	6.52	Pass

Appendix 2 - Sunlight to Windows
422 Upper Richmond Road West East Sheen, London SW14 7JX

Reference	Use Class	Annual Probable Sunlight Hours	
		Total	Winter
422 Upper Richmond Road			
Lower Ground Floor			
Window 1	Living/Dining	1%	0%
Window 2	Living/Dining	0%	0%
Window 3	Living/Dining	0%	0%
Window 4	Living/Dining	0%	0%
Window 5	Living/Dining	0%	0%
Window 6	Living/Dining	0%	0%
Ground Floor			
Window 7	Living/Dining	0%	0%
Window 8	Living/Dining	0%	0%
Window 9	Living/Dining	0%	0%
Window 10	Living/Dining	1%	0%
First Floor			
Window 11	Living/Dining	35%	9%
Window 12	Living/Dining	82%	28%
Window 13	Living/Dining	26%	7%
Window 15	Living/Dining	0%	0%
Window 16	Living/Dining	0%	0%
Second Floor			
Window 20	Living/Dining	2%	0%
Window 21	Living/Dining	1%	0%
Window 22	Living/Dining	75%	26%

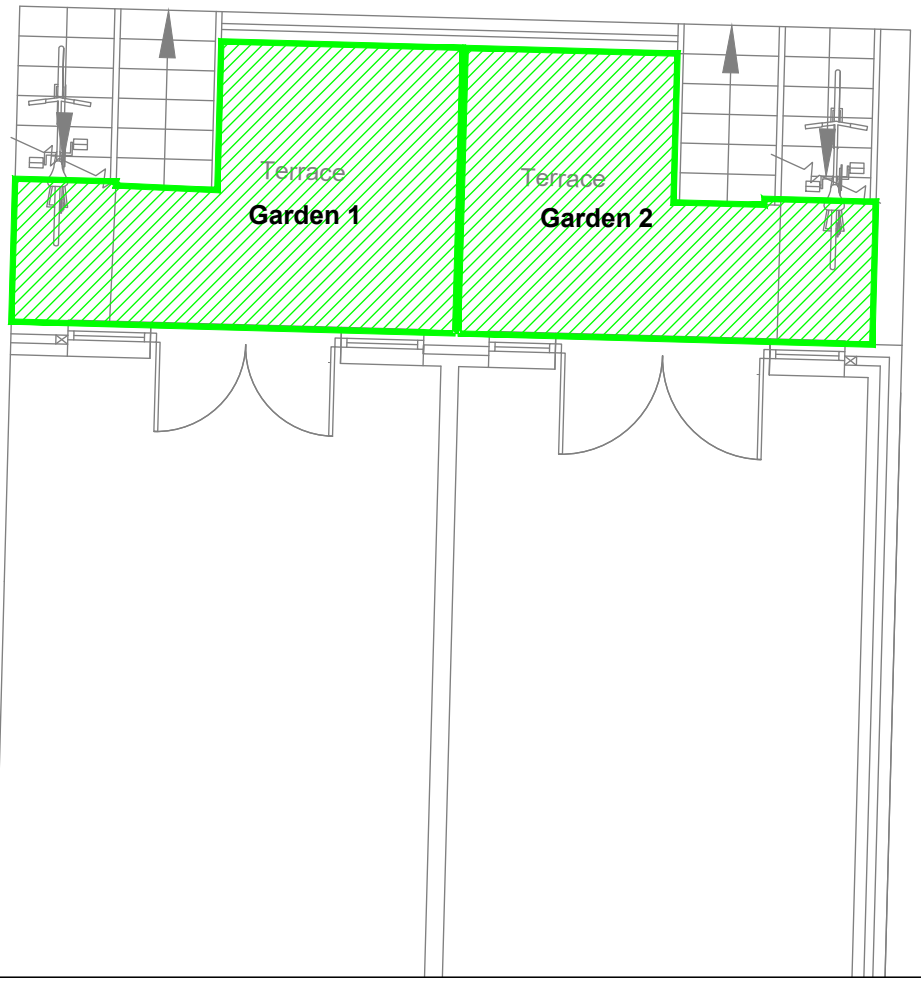
Appendix 2 - Overshadowing to Gardens and Open Spaces
422 Upper Richmond Road West East Sheen, London SW14 7JX

Reference	Total Area	Area receiving at least 2 hours of sunlight on 21st March	
422 Upper Richmond Road			
Lower Ground Floor			
Garden 1	6.86 m2	0.0 m2	0%
Garden 2	6.27 m2	0.0 m2	0%
Ground Floor			
Garden 3	13.42 m2	0.54 m2	4%
Garden 4	12.69 m2	0.33 m2	3%

APPENDIX 3

OVERSHADOWING TO GARDENS AND OPEN SPACES

Overshadowing to Gardens and Open Spaces



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

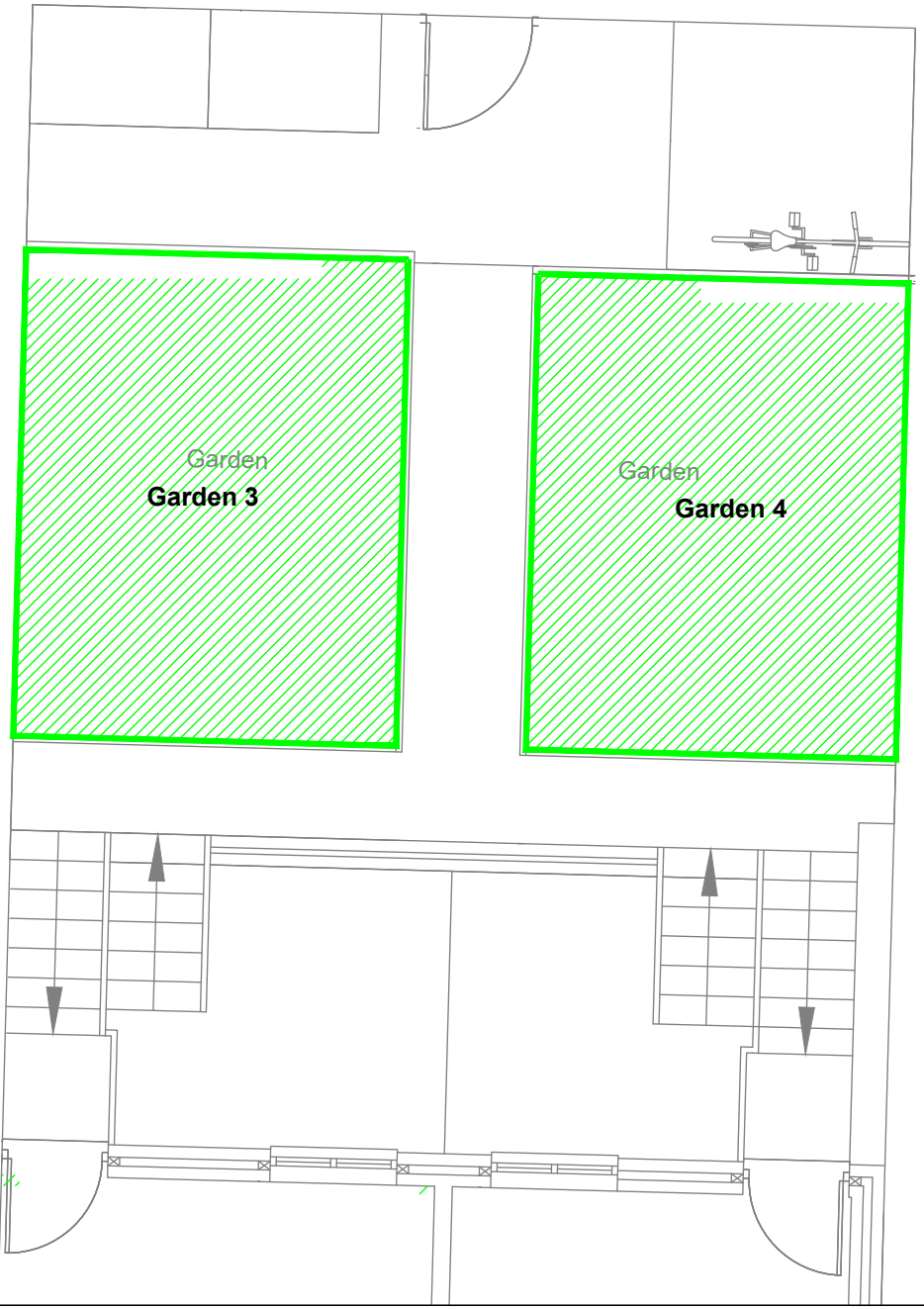
Project Name:	422 Upper Richmond Road West East Sheen, London SW14 7JX
Drawing Title:	Overshadowing to Gardens and Open Spaces
Scale:	Do not scale
Drawing No:	1 of 2
Rev.	-

Rev	Date	Details of revision

RIGHT OF LIGHT CONSULTING
Chartered Surveyors

Right of Light Consulting
Burley House
15 - 17 High Street
Rayleigh
Essex
SS6 7EW
TEL 0800 197 4836
E-MAIL enquiries@right-of-light.co.uk
WEBSITE www.right-of-light.co.uk

Overshadowing to Gardens and Open Spaces



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:	422 Upper Richmond Road West East Sheen, London SW14 7JX
Drawing Title:	Overshadowing to Gardens and Open Spaces
Scale:	Do not scale
Drawing No:	2 of 2
Rev.	-

Rev	Date	Details of revision

RIGHT OF LIGHT CONSULTING
Chartered Surveyors

Right of Light Consulting
Burley House
15 - 17 High Street
Rayleigh
Essex
SS6 7EW
TEL 0800 197 4836
E-MAIL enquiries@right-of-light.co.uk
WEBSITE www.right-of-light.co.uk

APPENDIX 4

EXTANT PERMISSION RESULTS

Appendix 4 - Extant Permission Sunlight to Windows
422 Upper Richmond Road West East Sheen, London SW14 7JX

Reference	Use Class	Annual Probable Sunlight Hours	
		Total	Winter
422 Upper Richmond Road			
Lower Ground Floor			
Window 1	Living/Dining/Kitchen	0%	0%
Window 2	Living/Dining/Kitchen	1%	0%
Window 3	Living/Dining/Kitchen	0%	0%
Window 4	Living/Dining/Kitchen	0%	0%
Window 5	Living/Dining/Kitchen	0%	0%
Window 6	Living/Dining/Kitchen	0%	0%
Window 7	Living/Dining/Kitchen	0%	0%
Ground Floor			
Window 9	Living/Dining/Kitchen	0%	0%
Window 10	Living/Dining/Kitchen	0%	0%
Window 11	Living/Dining/Kitchen	0%	0%
Window 12	Living/Dining/Kitchen	0%	0%
Window 13	Living/Dining/Kitchen	0%	0%