Appendix 17.1

Institution of Lighting Engineers (ILE) Guidelines

The Institution of Lighting Engineers

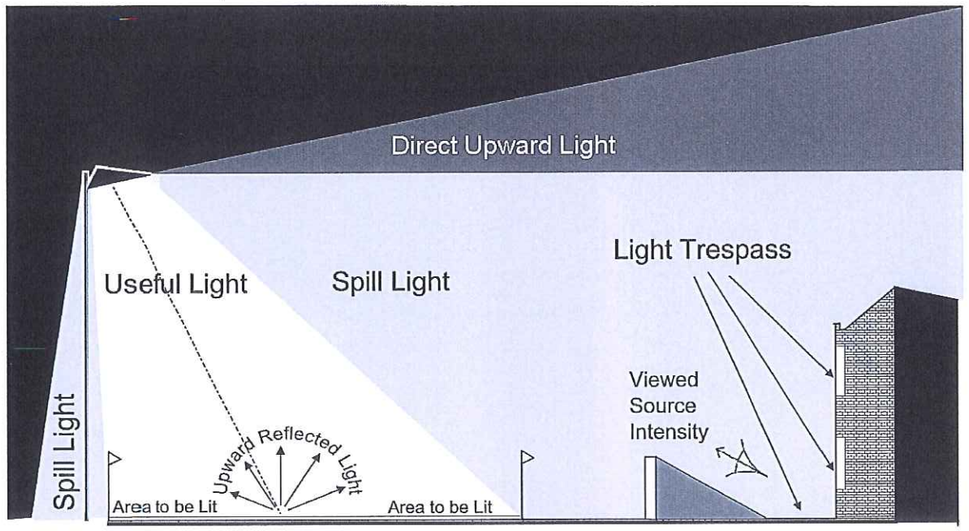
E-mail ile@ile.org.uk Website www.ile.org.uk

GUIDANCE NOTES FOR THE REDUCTION OF OBTRUSIVE LIGHT

ALL LIVING THINGS adjust their behaviour according to natural light. Man's invention of artificial light has done much to enhance our night-time environment but, if not properly controlled, **obtrusive light** (commonly referred to as light pollution) can present serious physiological and ecological problems.

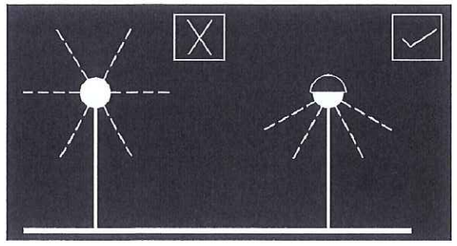
Obtrusive Light, whether it keeps you awake through a bedroom window or impedes your view of the night sky, is a form of pollution and can be substantially reduced without detriment to the lighting task.

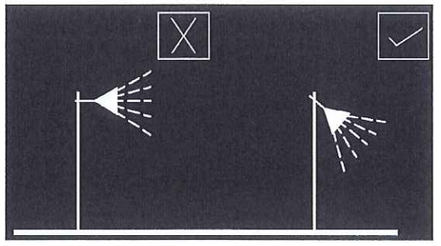
Sky glow, the brightening of the night sky above our towns, cities and countryside, **Glare** the uncomfortable brightness of a light source when viewed against a dark background, and **Light Trespass**, the spilling of light beyond the boundary of the property or area being lit, are all forms of obtrusive light which may cause nuisance to others, waste money and electricity and result in the unnecessary emissions of greenhouse gases. Think before you light. Is it necessary? What effect will it have on others? Will it cause a nuisance? How can I minimise the problem?



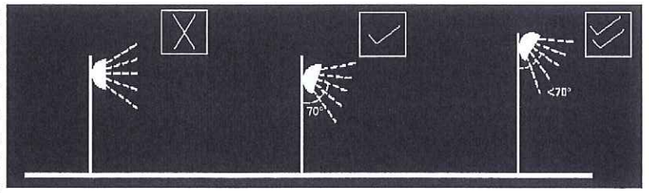
Do not "over" light. This is a major cause of obtrusive light and is a waste of energy. There are published standards for most lighting tasks, adherence to which will help minimise upward reflected light. Organisations from which full details of these standards can be obtained are given on the last page of this leaflet.

Dim or switch off lights when the task is finished. Generally a lower level of lighting will suffice to enhance the night time scene than that required for safety and security.



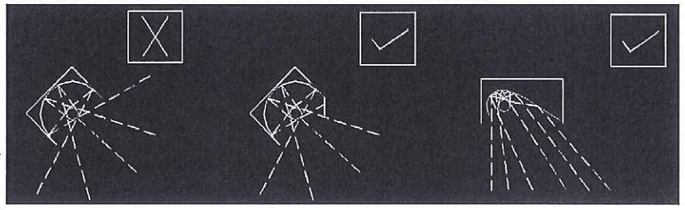


Use specifically designed lighting equipment that minimises the upward spread of light near to and above the horizontal. Care should be taken when selecting luminaires to ensure that appropriate units are chosen and that their location will reduce spill light and glare to a minimum. Remember that lamp light output in LUMENS is not the same as lamp wattage and that it is the former that is important in combating the problems of obtrusive light

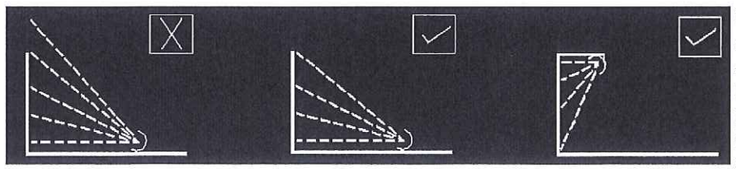


Keep glare to a minimum by ensuring that the main beam angle of all lights directed towards any potential observer is not more than 70°. Higher mounting heights allow lower main beam angles, which can assist in reducing glare. In areas with low ambient lighting levels, glare can be very obtrusive and extra care should be taken when positioning and aiming lighting equipment. With regard to domestic security lighting the ILE produces an information leaflet GN02 that is freely available from its web site.

The UK Government will be providing an annex to PPS23 Planning and Pollution Control, specifically on obtrusive light. However many Local Planning Authorities (LPA's) have already produced, or are producing, policies that within the new planning system will become part of the local development framework. For new developments there is an opportunity for LPA's to impose planning conditions related to external lighting, including curfew hours.



For sports lighting installations (see also design standards listed on Page 4) the use of luminaires with double-asymmetric beams designed so that the front glazing is kept at or near parallel to the surface being lit should, if correctly aimed, ensure minimum obtrusive light. In most cases it will also be beneficial to use as high a mounting height as possible, giving due regard to the daytime appearance of the installation. The requirements to control glare for the safety of road users are given in Table 2.



When lighting vertical structures such as advertising signs direct light downwards, wherever possible. If there is no alternative to up-lighting, as with much decorative lighting of buildings, then the use of shields, baffles and louvres will help reduce spill light around and over the structure to a minimum.

For road and amenity lighting installations, (see also design standards listed on Page 4) light near to and above the horizontal should normally be minimised to reduce glare and sky glow (Note ULRs in Table 1). In sensitive rural areas the use of full horizontal cut off luminaires installed at 0° uplift will, in addition to reducing sky glow, also help to minimise visual intrusion within the open landscape. However in many urban locations, luminaires fitted with a more decorative bowl and good optical control of light should be acceptable and may be more appropriate.

ENVIRONMENTAL ZONES:
It is recommended that Local Planning Authorities specify the following environmental zones for exterior lighting control within their Development Plans.

Category	Examples	
E1:	Intrinsically dark landscapes	National Parks, Areas of Outstanding Natural Beauty, etc
E2:	Low district brightness areas	Rural, small village, or relatively dark urban locations
E3:	Medium district brightness areas	Small town centres or urban locations
E4:	High district brightness areas	Town/city centres with high levels of night-time activity

Where an area to be lit lies on the boundary of two zones the obtrusive light limitation values used should be those applicable to the most rigorous zone.

DESIGN GUIDANCE
The following limitations may be supplemented or replaced by a LPA's own planning guidance for exterior lighting installations. As lighting design is not as simple as it may seem, you are advised to consult and/or work with a professional lighting designer before installing any exterior lighting.

Table 1 – Obtrusive Light Limitations for Exterior Lighting Installations

Environmental Zone	Sky Glow ULR [Max %] (1)	Light Trespass (into Windows) Ev [Lux] (2)		Source Intensity I [kcd] (3)		Building Luminance Pre-curfew (4)
		Pre- curfew	Post- curfew	Pre- curfew	Post- curfew	Average, L [cd/m2]
E1	0	2	1*	2.5	0	0
E2	2.5	5	1	7.5	0.5	5
E3	5.0	10	2	10	1.0	10
E4	15.0	25	5	25	2.5	25

ULR = **Upward Light Ratio of the Installation** is the maximum permitted percentage of luminaire flux for the total installation that goes directly into the sky.
Ev = **Vertical Illuminance in Lux** and is measured flat on the glazing at the centre of the window
I = **Light Intensity in Cd**
L = **Luminance in Cd/m2**
Curfew = **The time after which stricter requirements (for the control of obtrusive light) will apply**; often a condition of use of lighting applied by the local planning authority. If not otherwise stated - 23.00hrs is suggested.
* = From Public road lighting installations only

(1) **Upward Light Ratio** – Some lighting schemes will require the deliberate and careful use of upward light – e.g. ground recessed luminaires, ground mounted floodlights, festive lighting – to which these limits cannot apply. However, care should always be taken to minimise any upward waste light by the proper application of suitably directional luminaires and light controlling attachments.

(2) **Light Trespass (into Windows)** – These values are suggested maxima and need to take account of existing light trespass at the point of measurement. In the case of road lighting on public highways where building facades are adjacent to the lit highway, these levels may not be obtainable. In such cases where a specific complaint has been received, the Highway Authority should endeavour to reduce the light trespass into the window down to the after curfew value by fitting a shield, replacing the luminaire, or by varying the lighting level.

(3) **Source Intensity** – This applies to each source in the potentially obtrusive direction, outside of the area being lit. The figures given are for general guidance only and for some sports lighting applications with limited mounting heights, may be difficult to achieve.

(4) **Building Luminance** – This should be limited to avoid over lighting, and related to the general district brightness. In this reference building luminance is applicable to buildings directly illuminated as a night-time feature as against the illumination of a building caused by spill light from adjacent luminaires or luminaires fixed to the building but used to light an adjacent area.

Table 2 – Maximum Values of Threshold Increment from Non-Road Lighting Installations

Light Technical Parameter TI	Road Classification (5)			
	No road lighting	ME5	ME4/ ME3	ME2 / ME1
	15% based on adaptation luminance of 0.1cd/m^2	15% based on adaptation luminance of 1cd/m^2	15% based on adaptation luminance of 2 cd/m^2	15% based on adaptation luminance of 5 cd/m^2

TI = Threshold Increment is a measure of the loss of visibility caused by the disability glare from the obtrusive light installation

(5) Road Classifications as given in BS EN 13201 - 2: 2003 Road lighting Performance requirements
Limits apply where users of transport systems are subject to a reduction in the ability to see essential information. Values given are for relevant positions and for viewing directions in path of travel. See CIE Publication 150:2003, Section 5.4 for methods of determination. For a more detailed description and methods for calculating and measuring the above parameters see CIE Publication 150:2003.

RELEVANT PUBLICATIONS AND STANDARDS:

British Standards: www.bsi.org.uk		BS 5489-1: 2003 Code of practice for the design of road lighting – Part 1: Lighting of roads and public amenity areas BS EN 13201-2:2003 Road lighting – Part 2: Performance requirements BS EN 13201-3:2003 Road lighting – Part 3: Calculation of performance BS EN 13201-4:2003 Road lighting – Part 4: Methods of measuring lighting performance. BS EN 12193: 2003 Light and lighting – Sports lighting
Countryside Commission/DOE www.odpm.gov.uk		Lighting in the Countryside: Towards good practice (1997) *(Out of Print)*
CIBSE/SLL Publications: www.cibse.org	CoL	Code for Lighting (2002)
	LG1	The Industrial Environment (1989)
	LG4	Sports (1990+Addendum 2000)
	LG6	The Exterior Environment (1992)
	FF7	Environmental Considerations for Exterior Lighting (2003)
CIE Publications: www.cie.co.at	01	Guide lines for minimizing Urban Sky Glow near Astronomical Observatories (1980)
	83	Guide for the lighting of sports events for colour television and film systems (1989)
	92	Guide for floodlighting (1992)
	115	Recommendations for the lighting of roads for motor and pedestrian traffic (1995)
	126	Guidelines for minimizing Sky glow (1997)
	129	Guide for lighting exterior work areas (1998)
	136	Guide to the lighting of urban areas (2000)
	150	Guide on the limitations of the effect of obtrusive light from outdoor lighting installations (2003)
	154	The Maintenance of outdoor lighting systems (2003)
Department of Transport www.defra.gov.uk		Road Lighting and the Environment (1993) (Out of Print)
ILE Publications: www.ile.org	TR 5	Brightness of Illuminated Advertisements (2001)
	TR24	A Practical Guide to the Development of a Public Lighting Policy for Local Authorities (1999)
	GN02	Domestic Security Lighting, Friend or Foe
ILE/CIBSE Joint Publications		Lighting the Environment - A guide to good urban lighting (1995)
ILE/CSS Joint Publications		Seasonal Decorations – Code of Practice (2005)
Campaign for Dark Skies (CfDS) www.dark-skies.org		

NB: These notes are intended as guidance only and the application of the values given in Tables 1 & 2 should be given due consideration along with all other factors in the lighting design. Lighting is a complex subject with both objective and subjective criteria to be considered. The notes are therefore no substitute for professionally assessed and designed lighting, where the various and maybe conflicting visual requirements need to be balanced.

Appendix 17.2

Drawings of the Baseline and Proposed (with development) Situations
and Window Maps of the Surrounding Properties

Sources of Information

MSA SURVEYS
IR01-2801
IR04-2801

F!ND
IR02-2801

VERTEX MODELLING
IR05-2801

STANLEY SIDINGS
IR08-2801

PLANNING WEBSITE
IR09-2801
IR10-2801
IR11-2801

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Notes

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Indicative Only

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Sources of Information

MSA SURVEYS
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HAWLEY ROAD
HAVEN YOUTH CAFE
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KENTISH TOWN ROAD
RAILWAY LINE
LEYBOURNE STREET
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CASTLEHAVEN ROAD
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CHALK FARM ROAD
HAWLEY ARMS PH
RAILWAY LINE
CAMDEN GARDENS
53-55
KENTISH TOWN ROAD
47-52
CHALK FARM ROAD
200-218
17-29
17-29
17-29
BUILDING ON KENTISH TOWN LOCK
37
250
248
246
287
CAMDEN HIGH STREET
HAWLEY CRESCENT

Sources of Information

MAKE
IR50-2801
IR75- MAKE 24 Nov 2011
IR77-MAKE 08-12-11
IR 78-Make revised models 8 Dec

AHMM
IR59-2801
IR61-2801
IR64-2801
IR65-2801
IR76- AHMM 29 Nov 2011

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OPTION IN WESTERN LOCATION

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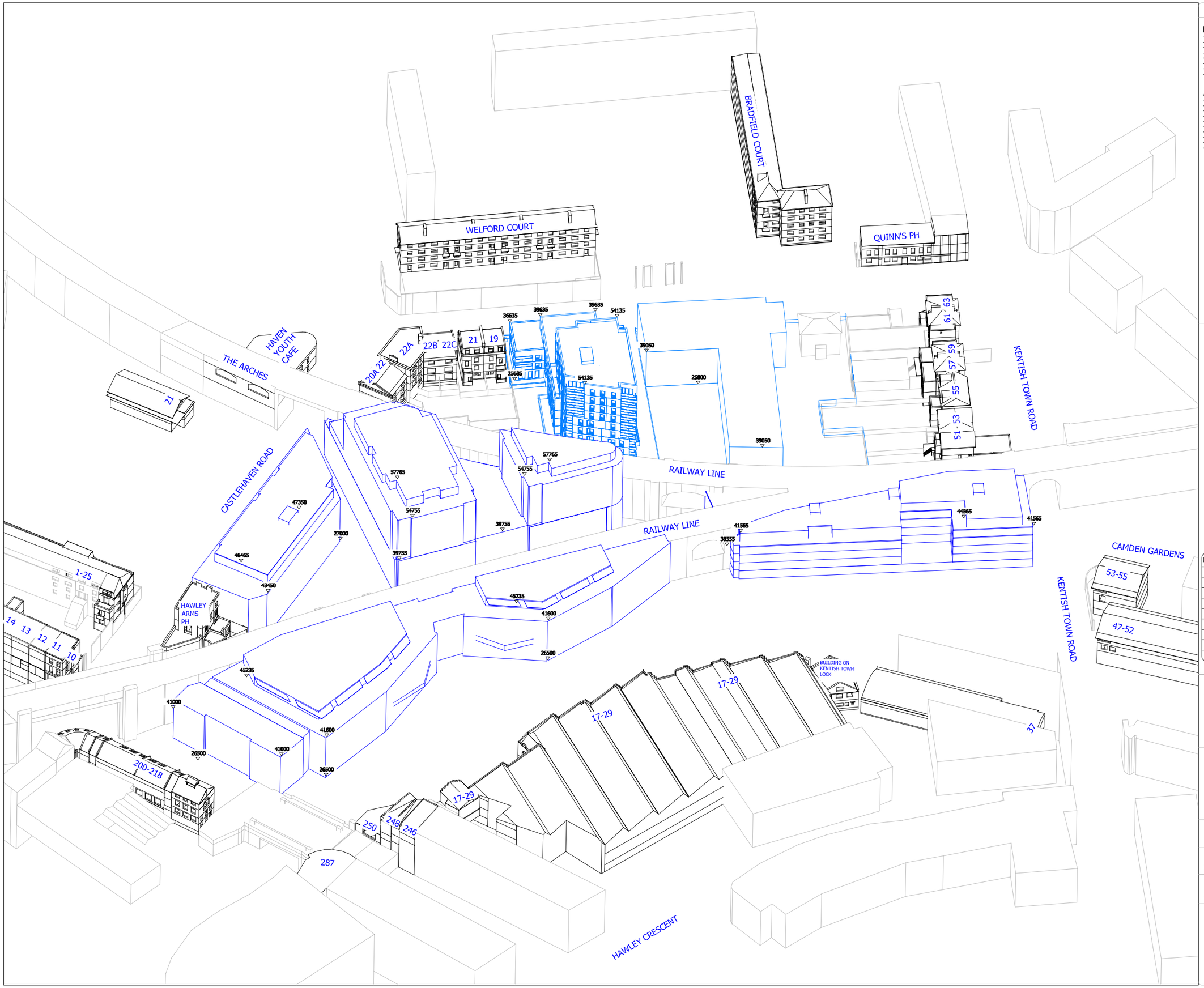

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NW1

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Sources of Information

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IR 78-Make revised models 8 Dec

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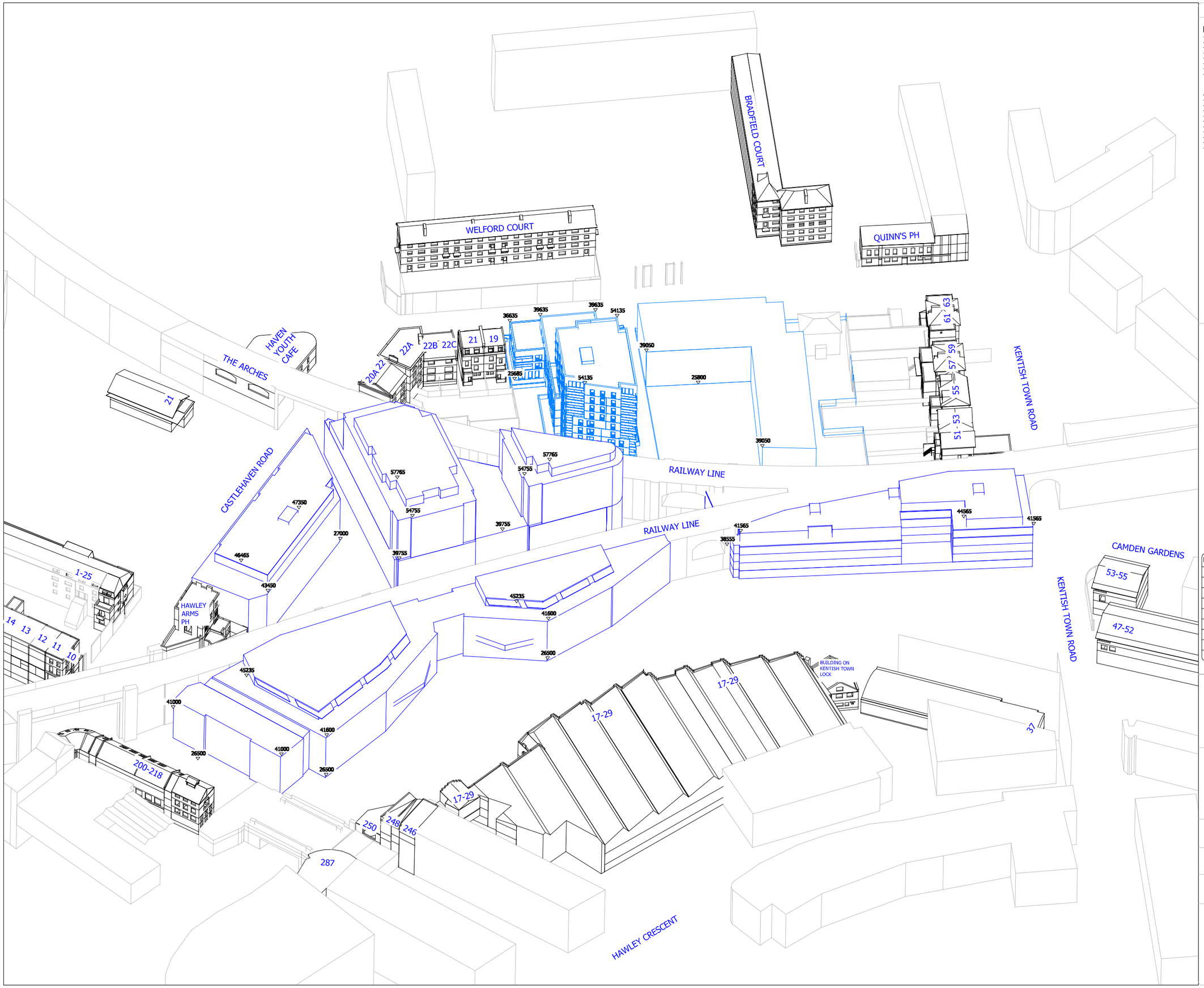

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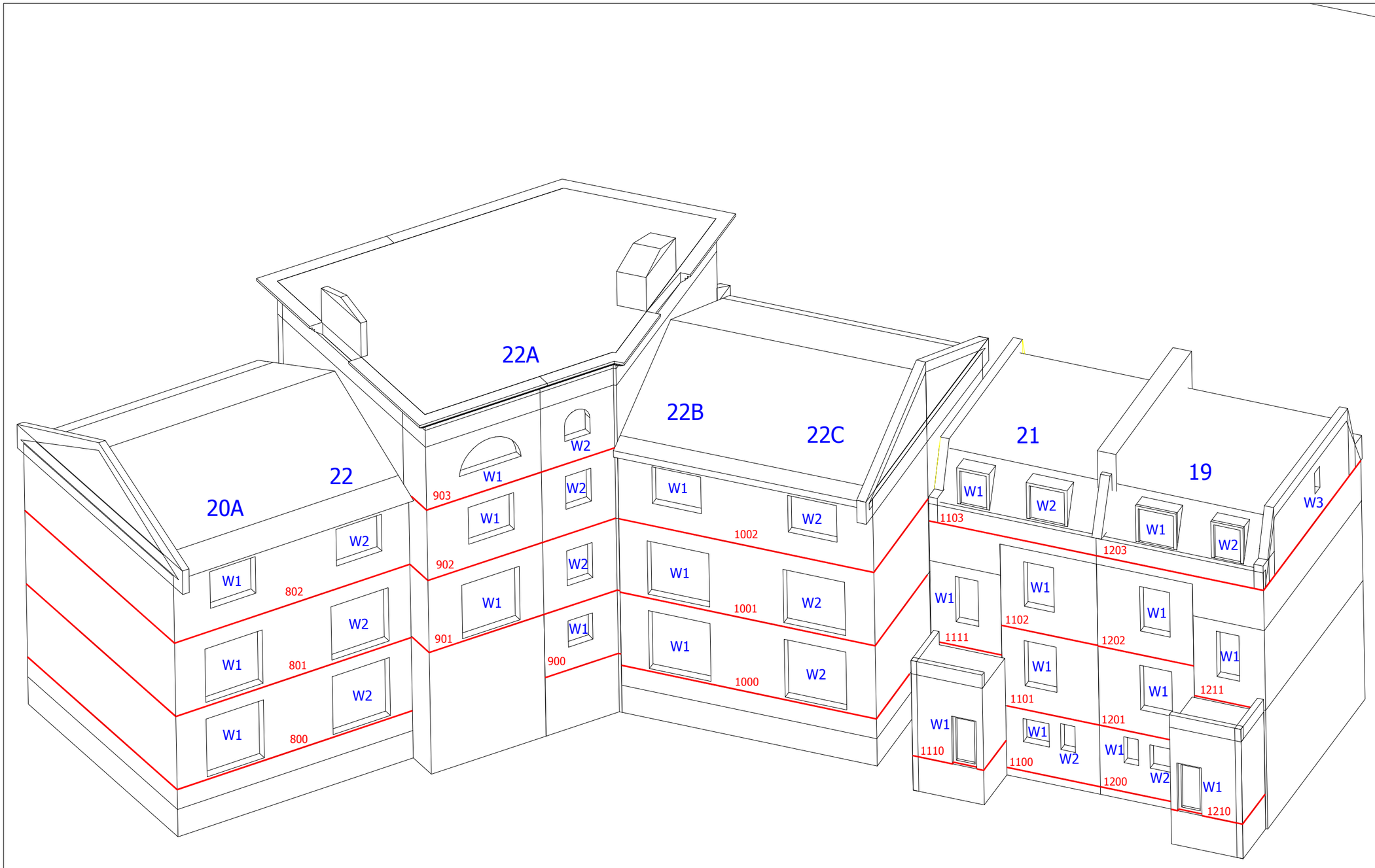

Sources of Information

MSA SURVEYS
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VERTEX MODELLING
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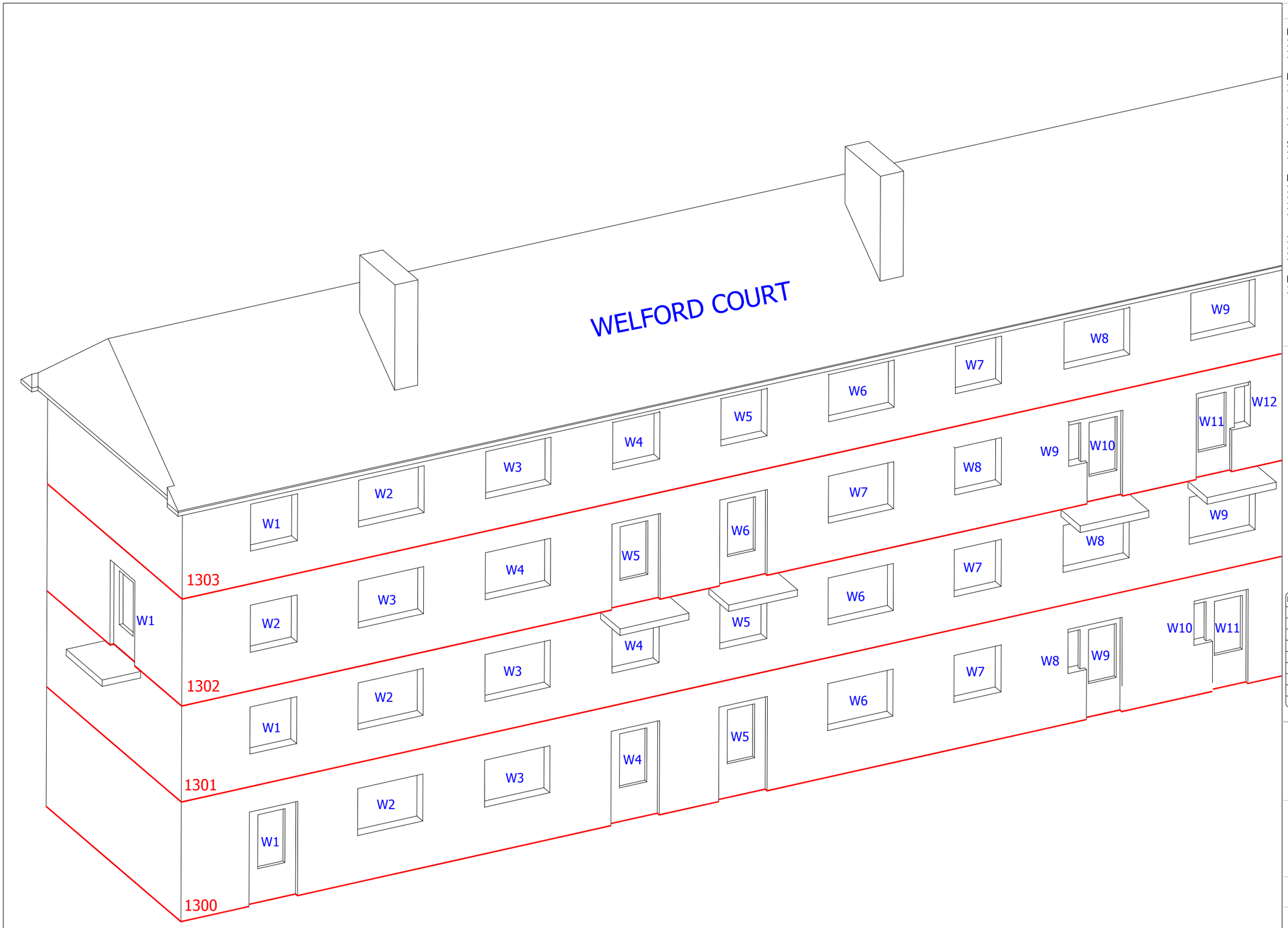

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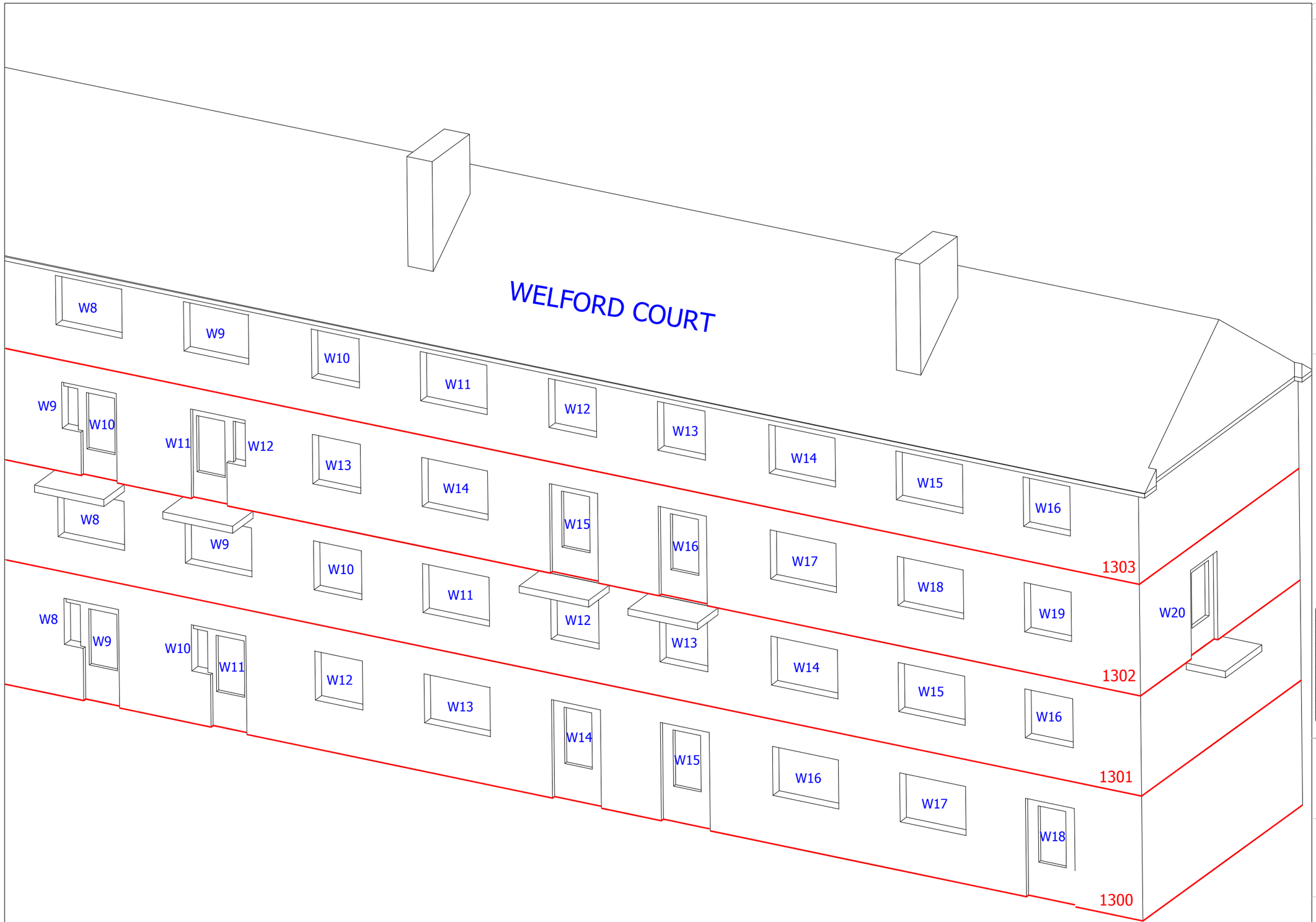

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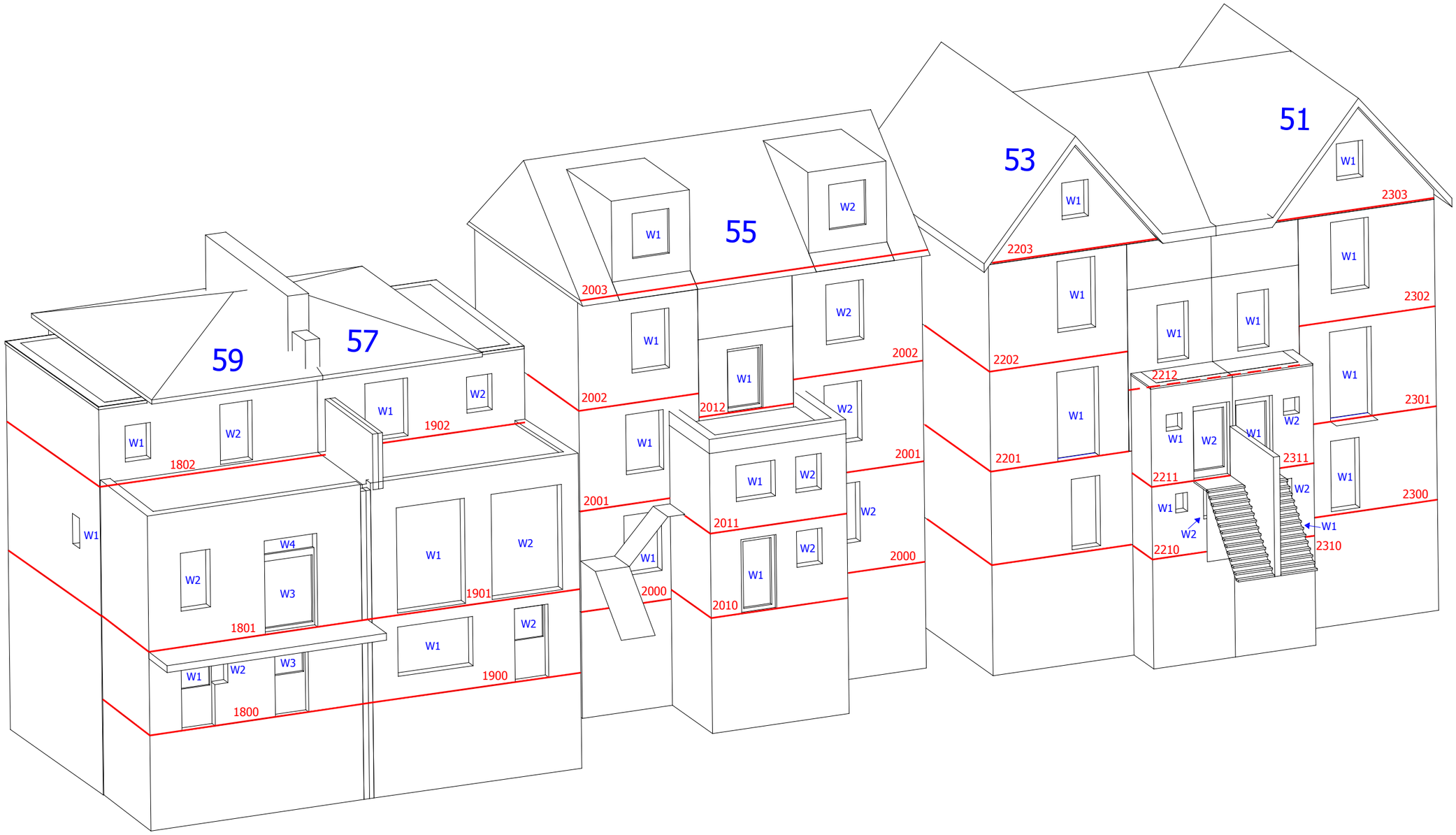

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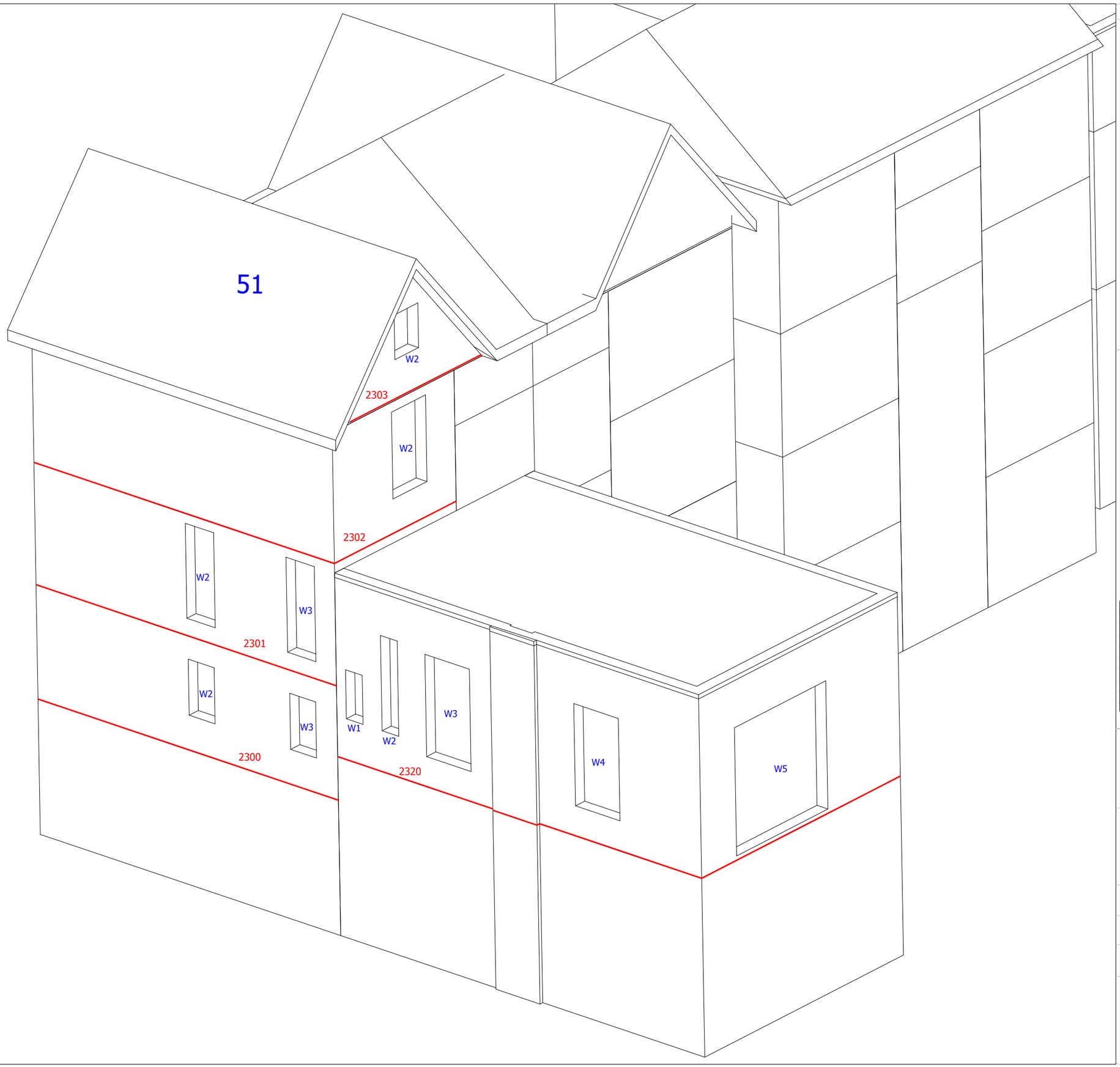

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CAMDEN LOCK VILLAGE
LONDON
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3D WINDOW MAP
REAR OF 51 KENTISH TOWN ROAD

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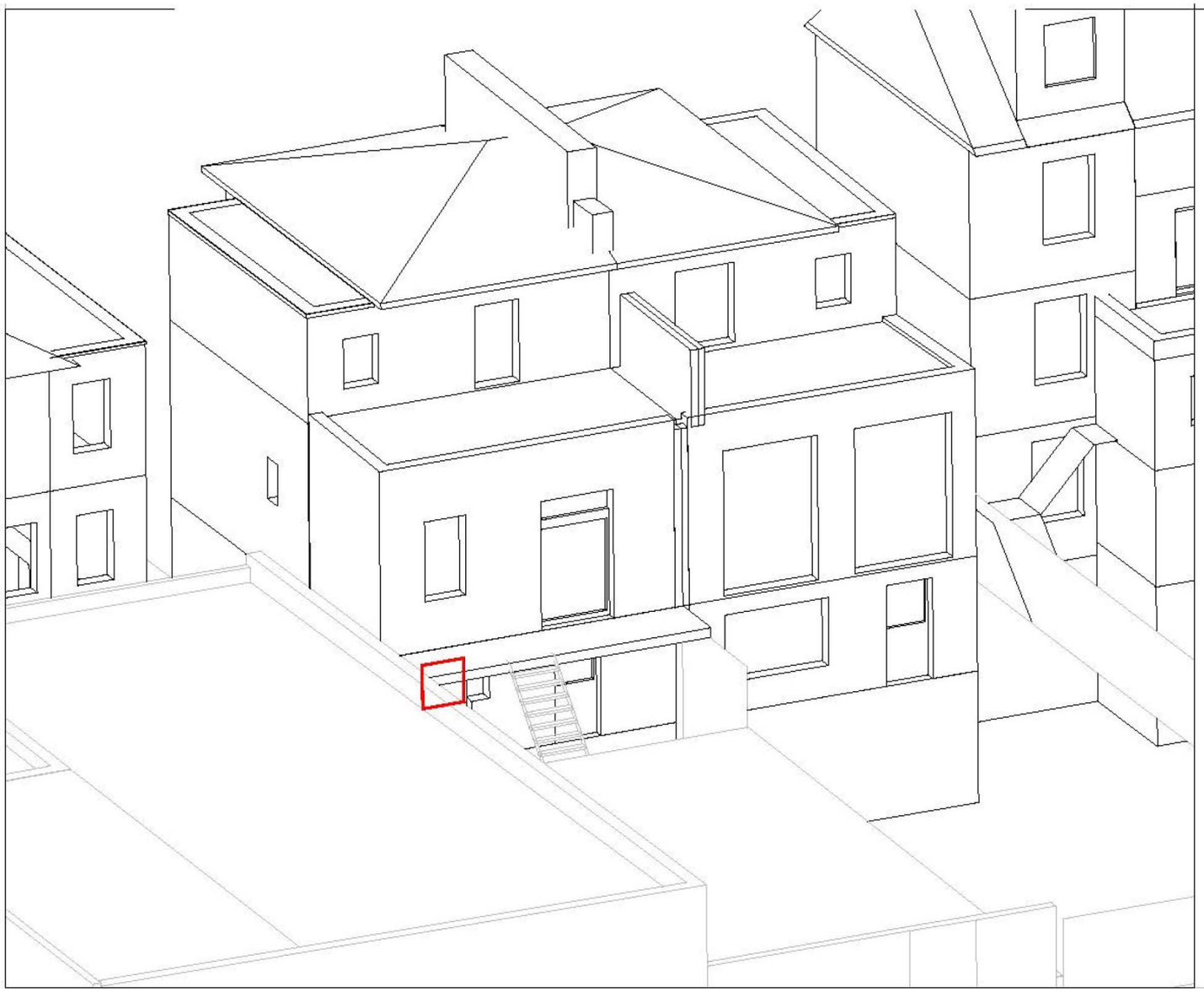

59 Kentish Town Road - With Stairs

2801/54

Appendix 17.3

Detailed Analysis Results of the Levels of Daylight and Sunlight Amenity within the Residential Properties which surround the Site

Western Parameter
Vertical Sky Component (VSC) and Average Daylight Factor (ADF)

CAMDEN LOCK VILLAGE
LONDON
DAYLIGHT ANALYSIS

Vertical Sky Component						Average Daylight Factor							
									Existing		Proposed		
Room	Window	Existing	Proposed	Loss	%	Room	Window	Room Use	ADF	Total	ADF	Total	Loss	%
CHALK FARM ROAD, 10						**CHALK FARM ROAD, 10**								
R3/300	**W1/300**	18.38	18.38	0.00	0.00	**R3/300**	**W1/300**		0.71	0.71	0.71	0.71	0.00	0.00
R3/301	**W6/301**	30.51	29.94	0.57	1.87	**R3/301**	**W6/301**		0.92	0.92	0.90	0.90	0.02	1.64
R1/302	**W1/302**	27.18	27.18	0.00	0.00	**R1/302**	**W1/302**		1.09		1.09			
R1/302	**W2/302**	24.41	24.41	0.00	0.00	**R1/302**	**W2/302**		1.03		1.03			
R1/302	**W3/302**	23.66	23.43	0.23	0.97	**R1/302**	**W3/302**		1.05	3.18	1.05	3.18	0.00	0.09
R2/302	**W4/302**	35.30	34.33	0.97	2.75	**R2/302**	**W4/302**		1.81	1.81	1.78	1.78	0.04	2.15
R1/303	**W1/303**	34.20	34.20	0.00	0.00	**R1/303**	**W1/303**		1.03		1.03			
R1/303	**W2/303**	33.73	33.73	0.00	0.00	**R1/303**	**W2/303**		1.04		1.04			
R1/303	**W3/303**	35.14	34.68	0.46	1.31	**R1/303**	**W3/303**		1.11	3.19	1.11	3.18	0.01	0.22
R2/303	**W4/303**	38.16	36.95	1.21	3.17	**R2/303**	**W4/303**		1.64	1.64	1.60	1.60	0.04	2.55
R1/306	**W1/306**	33.77	33.01	0.76	2.25	**R1/306**	**W1/306**		1.89	1.89	1.86	1.86	0.03	1.80
R1/307	**W1/307**	36.99	35.96	1.03	2.78	**R1/307**	**W1/307**		1.68	1.68	1.64	1.64	0.04	2.32
CHALK FARM ROAD,11						**CHALK FARM ROAD,11**								
R1/310	**W1/310**	17.92	17.64	0.28	1.56	**R1/310**	**W1/310**		1.00	1.00	0.99	0.99	0.01	1.40
R1/311	**W1/311**	29.87	29.10	0.77	2.58	**R1/311**	**W1/311**		1.34	1.34	1.32	1.32	0.03	1.86
R1/312	**W1/312**	35.10	34.11	0.99	2.82	**R1/312**	**W1/312**		1.81	1.81	1.77	1.77	0.04	2.10
R1/313	**W1/313**	38.20	36.99	1.21	3.17	**R1/313**	**W1/313**		1.62	1.62	1.58	1.58	0.04	2.46
R1/316	**W1/316**	17.68	17.08	0.60	3.39	**R1/316**	**W1/316**		0.16		0.15			
R1/316	**W2/316**	29.73	29.07	0.66	2.22	**R1/316**	**W2/316**		0.19	0.35	0.19	0.34	0.01	1.72
R1/317	**W1/317**	35.15	34.19	0.96	2.73	**R1/317**	**W1/317**		1.67	1.67	1.64	1.64	0.03	1.98
R1/318	**W1/318**	38.34	37.14	1.20	3.13	**R1/318**	**W1/318**		1.19	1.19	1.16	1.16	0.03	2.60
CHALK FARM ROAD,12						**CHALK FARM ROAD,12**								
R1/320	**W1/320**	29.60	28.96	0.64	2.16	**R1/320**	**W1/320**		0.30		0.30			
R1/320	**W2/320**	11.40	11.40	0.00	0.00	**R1/320**	**W2/320**		0.11	0.41	0.11	0.41	0.00	0.97
R1/321	**W1/321**	32.52	31.78	0.74	2.28	**R1/321**	**W1/321**		1.54	1.54	1.52	1.52	0.02	1.50
R1/322	**W1/322**	36.81	35.78	1.03	2.80	**R1/322**	**W1/322**		1.40	1.40	1.37	1.37	0.03	2.14
R1/325	**W1/325**	16.90	16.90	0.00	0.00	**R1/325**	**W1/325**		0.89	0.89	0.89	0.89	0.00	0.00
R1/326	**W1/326**	27.55	27.46	0.09	0.33	**R1/326**	**W1/326**		1.18	1.18	1.18	1.18	0.01	0.42
R1/327	**W1/327**	33.74	32.91	0.83	2.46	**R1/327**	**W1/327**		1.64	1.64	1.61	1.61	0.03	1.65
R1/328	**W1/328**	38.28	37.17	1.11	2.90	**R1/328**	**W1/328**		1.53	1.53	1.49	1.49	0.04	2.36
CHALK FARM ROAD,13						**CHALK FARM ROAD,13**								
R1/330	**W1/330**	18.52	18.31	0.21	1.13	**R1/330**	**W1/330**		1.01	1.01	1.00	1.00	0.01	0.80
R1/331	**W1/331**	25.05	24.65	0.40	1.60	**R1/331**	**W1/331**		1.18	1.18	1.17	1.17	0.01	0.85
R1/332	**W1/332**	30.60	29.85	0.75	2.45	**R1/332**	**W1/332**		1.67	1.67	1.64	1.64	0.03	1.56
R1/333	**W1/333**	38.16	37.10	1.06	2.78	**R1/333**	**W1/333**		1.74	1.74	1.70	1.70	0.04	2.24
R1/336	**W1/336**	16.91	16.44	0.47	2.78	**R1/336**	**W1/336**		0.25	0.25	0.24	0.24	0.01	2.02

CAMDEN LOCK VILLAGE
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Vertical Sky Component						Average Daylight Factor							
									Existing		Proposed		
Room	Window	Existing	Proposed	Loss	%	Room	Window	Room Use	ADF	Total	ADF	Total	Loss	%
R1/337	W1/337	20.72	20.18	0.54	2.61	R1/337	W1/337		1.20	1.20	1.18	1.18	0.02	1.51
R1/338	W1/338	27.51	26.62	0.89	3.24	R1/338	W1/338		1.19	1.19	1.17	1.17	0.03	2.26
CHALK FARM ROAD,14						CHALK FARM ROAD,14								
R1/341	W1/341	19.64	18.91	0.73	3.72	R1/341	W1/341		0.21	0.21	0.20	0.20	0.01	3.81
LEYBOURNE STREET, 1-25						LEYBOURNE STREET, 1-25								
R1/400	W1/400	14.98	14.98	0.00	0.00	R1/400	W1/400		1.29	1.29	1.29	1.29	0.00	0.00
R2/400	W2/400	23.26	21.57	1.69	7.27	R2/400	W2/400		0.52	0.52	0.49	0.49	0.03	5.04
R3/400	W3/400	22.64	20.40	2.24	9.89	R3/400	W3/400		0.60	0.60	0.55	0.55	0.05	8.46
R4/400	W4/400	34.05	31.96	2.09	6.14	R4/400	W4/400		1.80	1.80	1.72	1.72	0.08	4.56
R5/400	W5/400	31.69	29.88	1.81	5.71	R5/400	W5/400		1.27	1.27	1.22	1.22	0.05	3.95
R6/400	W6/400	15.04	15.03	0.01	0.07	R6/400	W6/400	HALL	0.31		0.31			
R6/400	W7/400	0.74	0.74	0.00	0.00	R6/400	W7/400	HALL	0.03	0.34	0.03	0.34	0.00	0.29
R7/400	W8/400	14.36	13.63	0.73	5.08	R7/400	W8/400	HALL	0.32		0.32			
R7/400	W9/400	0.47	0.48	-0.01	-2.13	R7/400	W9/400	HALL	0.02	0.34	0.02	0.34	0.00	0.29
R8/400	W10/400	32.66	31.20	1.46	4.47	R8/400	W10/400		1.38	1.38	1.35	1.35	0.04	2.82
R9/400	W11/400	35.02	34.02	1.00	2.86	R9/400	W11/400		1.47	1.47	1.44	1.44	0.03	2.17
R1/401	W1/401	27.63	27.53	0.10	0.36	R1/401	W1/401		2.20	2.20	2.20	2.20	0.00	0.00
R2/401	W2/401	24.64	22.84	1.80	7.31	R2/401	W2/401		0.63	0.63	0.60	0.60	0.04	5.55
R3/401	W3/401	23.87	21.16	2.71	11.35	R3/401	W3/401		0.74	0.74	0.67	0.67	0.07	9.36
R4/401	W4/401	35.48	33.28	2.20	6.20	R4/401	W4/401		1.46	1.46	1.39	1.39	0.07	4.73
R5/401	W5/401	35.83	33.93	1.90	5.30	R5/401	W5/401		1.49	1.49	1.44	1.44	0.06	3.88
R6/401	W6/401	0.58	0.58	0.00	0.00	R6/401	W6/401	HALL	0.05	0.05	0.05	0.05	0.00	0.00
R7/401	W7/401	0.40	0.40	0.00	0.00	R7/401	W7/401	HALL	0.04	0.04	0.04	0.04	0.00	0.00
R8/401	W8/401	36.14	34.51	1.63	4.51	R8/401	W8/401		1.54	1.54	1.49	1.49	0.05	3.11
R9/401	W9/401	36.70	35.19	1.51	4.11	R9/401	W9/401		1.57	1.57	1.53	1.53	0.05	2.86
R10/401	W10/401	0.59	0.59	0.00	0.00	R10/401	W10/401	HALL	0.05	0.05	0.05	0.05	0.00	0.00
R11/401	W11/401	0.46	0.42	0.04	8.70	R11/401	W11/401	HALL	0.04	0.04	0.04	0.04	0.00	0.00
R12/401	W12/401	36.96	35.65	1.31	3.54	R12/401	W12/401		1.57	1.57	1.53	1.53	0.04	2.42
R1/402	W1/402	32.65	32.51	0.14	0.43	R1/402	W1/402		2.53		2.53			
R1/402	W2/402	28.34	26.41	1.93	6.81	R1/402	W2/402		0.36	2.89	0.34	2.87	0.02	0.59
R2/402	W3/402	27.73	24.84	2.89	10.42	R2/402	W3/402		0.70	0.70	0.64	0.64	0.06	8.57
R3/402	W4/402	36.97	34.67	2.30	6.22	R3/402	W4/402		2.02	2.02	1.92	1.92	0.10	4.85
R4/402	W5/402	37.27	35.31	1.96	5.26	R4/402	W5/402		2.40	2.40	2.29	2.29	0.11	4.43
R5/402	W6/402	37.48	35.79	1.69	4.51	R5/402	W6/402		2.46	2.46	2.37	2.37	0.10	3.86
R6/402	W7/402	37.86	36.35	1.51	3.99	R6/402	W7/402		2.49	2.49	2.40	2.40	0.09	3.46

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Vertical Sky Component						Average Daylight Factor							
									Existing		Proposed		
Room	Window	Existing	Proposed	Loss	%	Room	Window	Room Use	ADF	Total	ADF	Total	Loss	%
R7/402	W8/402	38.05	36.68	1.37	3.60	R7/402	W8/402		2.50	2.50	2.42	2.42	0.08	3.04
R1/403	W1/403	54.50	54.41	0.09	0.17	R1/403	W1/403		0.92		0.92			
R1/403	W2/403	54.54	54.44	0.10	0.18	R1/403	W2/403		0.90	1.81	0.90	1.81	0.00	-0.11
R2/403	W3/403	49.13	46.69	2.44	4.97	R2/403	W3/403		0.79	0.79	0.75	0.75	0.04	4.45
R3/403	W4/403	49.23	47.16	2.07	4.20	R3/403	W4/403		0.64	0.64	0.62	0.62	0.02	3.59
R4/403	W5/403	46.53	44.71	1.82	3.91	R4/403	W5/403		0.63	0.63	0.61	0.61	0.02	3.04
R5/403	W6/403	44.88	43.25	1.63	3.63	R5/403	W6/403		1.71	1.71	1.60	1.60	0.11	6.33
R6/403	W7/403	44.98	43.56	1.42	3.16	R6/403	W7/403		1.62	1.62	1.58	1.58	0.05	2.77
R1/410	W1/410	5.36	3.76	1.60	29.85	R1/410	W1/410	HALL	0.16	0.16	0.11	0.11	0.04	27.39
R1/411	W1/411	28.98	26.41	2.57	8.87	R1/411	W1/411		0.58	0.58	0.53	0.53	0.05	8.33
CASTLEHAVEN ROAD, 20A						CASTLEHAVEN ROAD, 20A								
R1/800	W1/800	24.31	19.98	4.33	17.81	R1/800	W1/800	KITCHEN	2.79	2.79	2.44	2.44	0.36	12.75
R1/801	W1/801	28.53	23.34	5.19	18.19	R1/801	W1/801	LIVINGROOM	1.32		1.13			
R1/801	W4/801	32.42	32.42	0.00	0.00	R1/801	W4/801	LIVINGROOM	0.60	1.93	0.60	1.74	0.19	9.82
R1/802	W1/802	33.08	24.70	8.38	25.33	R1/802	W1/802	BEDROOM	1.87	1.87	1.49	1.49	0.38	20.33
CASTLEHAVEN ROAD, 22						CASTLEHAVEN ROAD, 22								
R2/800	W2/800	27.27	20.64	6.63	24.31	R2/800	W2/800	KITCHEN	3.02	3.02	2.47	2.47	0.55	18.23
R2/801	W2/801	30.60	22.84	7.76	25.36	R2/801	W2/801	LIVINGROOM	1.38		1.11			
R2/801	W3/801	35.92	35.92	0.00	0.00	R2/801	W3/801	LIVINGROOM	0.65	2.03	0.65	1.76	0.27	13.42
R2/802	W2/802	32.83	23.61	9.22	28.08	R2/802	W2/802	BEDROOM	1.86	1.86	1.45	1.45	0.42	22.26
CASTLEHAVEN ROAD, 22A						CASTLEHAVEN ROAD, 22A								
R1/900	W1/900	28.39	19.79	8.60	30.29	R1/900	W1/900	KITCHEN	1.00	1.00	0.77	0.77	0.23	23.12
R1/901	W1/901	33.11	24.31	8.80	26.58	R1/901	W1/901	LIVINGROOM	1.94	1.94	1.53	1.53	0.41	20.98
R2/901	W2/901	30.83	21.87	8.96	29.06	R2/901	W2/901	BATHROOM	2.38	2.38	1.88	1.88	0.50	20.96
R1/902	W1/902	37.17	27.72	9.45	25.42	R1/902	W1/902	LIVINGROOM	2.01	2.01	1.59	1.59	0.42	20.95
R2/902	W2/902	35.25	26.09	9.16	25.99	R2/902	W2/902	BATHROOM	1.28	1.28	1.03	1.03	0.25	19.45
R1/903	W1/903	37.67	28.79	8.88	23.57	R1/903	W1/903	BEDROOM	2.10	2.10	1.68	1.68	0.42	19.82
R2/903	W2/903	37.57	29.02	8.55	22.76	R2/903	W2/903	BATHROOM	1.13	1.13	0.92	0.92	0.21	18.35
CASTLEHAVEN ROAD, 22B						CASTLEHAVEN ROAD, 22B								
R1/1000	W1/1000	26.39	18.79	7.60	28.80	R1/1000	W1/1000	KITCHEN	3.03	3.03	2.40	2.40	0.63	20.74
R1/1001	W1/1001	29.73	20.69	9.04	30.41	R1/1001	W1/1001	LIVINGROOM	1.37		1.05			
R1/1001	W4/1001	35.66	35.66	0.00	0.00	R1/1001	W4/1001	LIVINGROOM	0.64	2.00	0.64	1.68	0.32	15.89
R1/1002	W1/1002	31.32	21.02	10.30	32.89	R1/1002	W1/1002	BEDROOM	1.91	1.91	1.41	1.41	0.50	26.06
CASTLEHAVEN ROAD, 22C						CASTLEHAVEN ROAD, 22C								
R2/1000	W2/1000	29.48	20.68	8.80	29.85	R2/1000	W2/1000	KITCHEN	3.23	3.23	2.50	2.50	0.73	22.60

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Vertical Sky Component						Average Daylight Factor							
									Existing		Proposed		
Room	Window	Existing	Proposed	Loss	%	Room	Window	Room Use	ADF	Total	ADF	Total	Loss	%
R2/1001	W2/1001	33.03	22.88	10.15	30.73	R2/1001	W2/1001	LIVINGROOM	1.46		1.11			
R2/1001	W3/1001	35.25	35.25	0.00	0.00	R2/1001	W3/1001	LIVINGROOM	0.63	2.09	0.63	1.73	0.36	17.09
R2/1002	W2/1002	34.25	23.32	10.93	31.91	R2/1002	W2/1002	BEDROOM	2.03	2.03	1.51	1.51	0.52	25.68
HAWLEY ROAD, 21						HAWLEY ROAD, 21								
R1/1100	W1/1100	23.91	14.92	8.99	37.60	R1/1100	W1/1100		0.55		0.40			
R1/1100	W2/1100	27.65	17.34	10.31	37.29	R1/1100	W2/1100		0.35	0.90	0.27	0.67	0.23	25.77
R1/1101	W1/1101	33.20	21.41	11.79	35.51	R1/1101	W1/1101		1.63	1.63	1.20	1.20	0.43	26.38
R1/1102	W1/1102	36.38	23.75	12.63	34.72	R1/1102	W1/1102		1.57	1.57	1.15	1.15	0.42	26.77
R1/1103	W1/1103	38.17	26.72	11.45	30.00	R1/1103	W1/1103		1.64	1.64	1.24	1.24	0.41	24.82
R2/1103	W2/1103	38.31	26.22	12.09	31.56	R2/1103	W2/1103		2.25	2.25	1.65	1.65	0.60	26.74
R1/1110	W1/1110	30.43	20.11	10.32	33.91	R1/1110	W1/1110		1.27	1.27	0.96	0.96	0.30	23.95
R1/1111	W1/1111	34.41	22.84	11.57	33.62	R1/1111	W1/1111		1.45	1.45	1.11	1.11	0.34	23.68
HAWLEY ROAD, 19						HAWLEY ROAD, 19								
R1/1200	W1/1200	27.45	18.56	8.89	32.39	R1/1200	W1/1200		0.35		0.26			
R1/1200	W2/1200	23.03	17.30	5.73	24.88	R1/1200	W2/1200		0.54	0.89	0.41	0.68	0.21	23.50
R1/1201	W1/1201	32.88	20.27	12.61	38.35	R1/1201	W1/1201		1.59	1.59	1.13	1.13	0.46	28.94
R1/1202	W1/1202	36.67	22.58	14.09	38.42	R1/1202	W1/1202		1.56	1.56	1.10	1.10	0.47	29.85
R1/1203	W1/1203	38.38	25.04	13.34	34.76	R1/1203	W1/1203		2.24	2.24	1.58	1.58	0.66	29.35
R2/1203	W2/1203	38.19	24.11	14.08	36.87	R2/1203	W2/1203		2.07	2.07	1.43	1.43	0.64	31.05
R3/1203	W3/1203	21.18	21.24	-0.06	-0.28	R3/1203	W3/1203		0.62	0.62	0.66	0.66	-0.04	-5.81
R1/1210	W1/1210	31.51	18.09	13.42	42.59	R1/1210	W1/1210		1.30	1.30	0.89	0.89	0.42	31.92
R1/1211	W1/1211	35.29	20.36	14.93	42.31	R1/1211	W1/1211		1.47	1.47	1.01	1.01	0.46	31.49
WELFORD COURT						WELFORD COURT								
R1/1300	DW1/1300	33.23	31.22	2.01	6.05	R1/1300	DW1/1300		0.89	0.89	0.85	0.85	0.05	5.15
R2/1300	W2/1300	33.37	31.23	2.14	6.41	R2/1300	W2/1300		1.96	1.96	1.85	1.85	0.11	5.65
R3/1300	W3/1300	33.17	30.92	2.25	6.78	R3/1300	W3/1300		1.97	1.97	1.86	1.86	0.12	5.93
R4/1300	DW4/1300	32.45	30.10	2.35	7.24	R4/1300	DW4/1300		1.04	1.04	0.98	0.98	0.06	5.94
R5/1300	DW5/1300	32.36	29.89	2.47	7.63	R5/1300	DW5/1300		1.05	1.05	0.98	0.98	0.07	6.32
R6/1300	W6/1300	33.10	30.42	2.68	8.10	R6/1300	W6/1300		1.97	1.97	1.84	1.84	0.14	6.99
R7/1300	W7/1300	33.19	30.31	2.88	8.68	R7/1300	W7/1300		1.53	1.53	1.41	1.41	0.12	7.61
R8/1300	W8/1300	32.78	29.77	3.01	9.18	R8/1300	W8/1300		0.27		0.25			
R8/1300	DW9/1300	32.61	29.66	2.95	9.05	R8/1300	DW9/1300		0.97	1.24	0.90	1.14	0.10	8.05
R9/1300	W10/1300	32.70	29.64	3.06	9.36	R9/1300	W10/1300		0.27		0.25			
R9/1300	DW11/1300	32.71	29.69	3.02	9.23	R9/1300	DW11/1300		0.97	1.24	0.90	1.14	0.10	8.13
R10/1300	W12/1300	33.40	30.32	3.08	9.22	R10/1300	W12/1300		1.53	1.53	1.40	1.40	0.13	8.19
R11/1300	W13/1300	33.45	30.27	3.18	9.51	R11/1300	W13/1300		1.99	1.99	1.82	1.82	0.16	8.20

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Vertical Sky Component						Average Daylight Factor							
									Existing		Proposed		
Room	Window	Existing	Proposed	Loss	%	Room	Window	Room Use	ADF	Total	ADF	Total	Loss	%
R12/1300	DW14/1300	32.88	29.66	3.22	9.79	R12/1300	DW14/1300		1.06	1.06	0.97	0.97	0.09	8.34
R13/1300	DW15/1300	32.98	29.65	3.33	10.10	R13/1300	DW15/1300		1.05	1.05	0.96	0.96	0.09	8.56
R14/1300	W16/1300	33.84	30.32	3.52	10.40	R14/1300	W16/1300		2.02	2.02	1.83	1.83	0.18	9.12
R15/1300	W17/1300	34.15	30.47	3.68	10.78	R15/1300	W17/1300		2.00	2.00	1.82	1.82	0.19	9.34
R16/1300	DW18/1300	32.91	29.51	3.40	10.33	R16/1300	DW18/1300		0.90	0.90	0.82	0.82	0.08	8.75
R1/1301	W1/1301	35.47	32.73	2.74	7.72	R1/1301	W1/1301		1.60	1.60	1.48	1.48	0.11	7.02
R2/1301	W2/1301	35.45	32.61	2.84	8.01	R2/1301	W2/1301		2.39	2.39	2.22	2.22	0.17	7.20
R3/1301	W3/1301	35.19	32.22	2.97	8.44	R3/1301	W3/1301		2.39	2.39	2.21	2.21	0.18	7.54
R4/1301	W4/1301	20.90	17.77	3.13	14.98	R4/1301	W4/1301		1.29	1.29	1.14	1.14	0.15	11.87
R5/1301	W5/1301	20.68	17.46	3.22	15.57	R5/1301	W5/1301		1.29	1.29	1.13	1.13	0.16	12.35
R6/1301	W6/1301	35.21	31.86	3.35	9.51	R6/1301	W6/1301		2.39	2.39	2.19	2.19	0.20	8.44
R7/1301	W7/1301	35.29	31.74	3.55	10.06	R7/1301	W7/1301		1.86	1.86	1.70	1.70	0.17	8.97
R8/1301	W8/1301	21.28	17.65	3.63	17.06	R8/1301	W8/1301		1.71	1.71	1.48	1.48	0.23	13.22
R9/1301	W9/1301	21.30	17.59	3.71	17.42	R9/1301	W9/1301		1.71	1.71	1.48	1.48	0.23	13.53
R10/1301	W10/1301	35.47	31.76	3.71	10.46	R10/1301	W10/1301		1.88	1.88	1.70	1.70	0.18	9.48
R11/1301	W11/1301	35.49	31.76	3.73	10.51	R11/1301	W11/1301		2.42	2.42	2.20	2.20	0.23	9.33
R12/1301	W12/1301	21.46	17.67	3.79	17.66	R12/1301	W12/1301		1.33	1.33	1.14	1.14	0.19	14.33
R13/1301	W13/1301	21.53	17.70	3.83	17.79	R13/1301	W13/1301		1.32	1.32	1.13	1.13	0.19	14.38
R14/1301	W14/1301	35.78	31.90	3.88	10.84	R14/1301	W14/1301		2.46	2.46	2.22	2.22	0.24	9.71
R15/1301	W15/1301	36.14	32.22	3.92	10.85	R15/1301	W15/1301		2.46	2.46	2.22	2.22	0.24	9.74
R16/1301	W16/1301	36.25	32.27	3.98	10.98	R16/1301	W16/1301		1.66	1.66	1.49	1.49	0.17	9.96
R1/1302	DW1/1302	38.82	38.59	0.23	0.59	R1/1302	DW1/1302		0.91		0.91			
R1/1302	W2/1302	37.18	33.90	3.28	8.82	R1/1302	W2/1302		1.41	2.31	1.29	2.20	0.12	4.98
R2/1302	W3/1302	37.19	33.78	3.41	9.17	R2/1302	W3/1302		2.34	2.34	2.14	2.14	0.20	8.47
R3/1302	W4/1302	37.23	33.68	3.55	9.54	R3/1302	W4/1302		2.35	2.35	2.14	2.14	0.21	8.80
R4/1302	DW5/1302	37.12	33.47	3.65	9.83	R4/1302	DW5/1302		1.17	1.17	1.07	1.07	0.10	8.90
R5/1302	DW6/1302	37.13	33.39	3.74	10.07	R5/1302	DW6/1302		1.17	1.17	1.07	1.07	0.11	9.21
R6/1302	W7/1302	37.34	33.43	3.91	10.47	R6/1302	W7/1302		2.36	2.36	2.13	2.13	0.23	9.58
R7/1302	W8/1302	37.39	33.35	4.04	10.81	R7/1302	W8/1302		1.80	1.80	1.62	1.62	0.18	9.96
R8/1302	W9/1302	37.41	33.29	4.12	11.01	R8/1302	W9/1302		0.32		0.28			
R8/1302	DW10/1302	37.27	33.21	4.06	10.89	R8/1302	DW10/1302		1.06	1.38	0.96	1.24	0.14	10.43
R9/1302	DW11/1302	37.33	33.16	4.17	11.17	R9/1302	DW11/1302		1.06		0.95			
R9/1302	W12/1302	37.47	33.25	4.22	11.26	R9/1302	W12/1302		0.32	1.38	0.28	1.23	0.15	10.66
R10/1302	W13/1302	37.52	33.34	4.18	11.14	R10/1302	W13/1302		1.85	1.85	1.66	1.66	0.19	10.38
R11/1302	W14/1302	37.55	33.37	4.18	11.13	R11/1302	W14/1302		2.37	2.37	2.13	2.13	0.24	10.26

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Vertical Sky Component						Average Daylight Factor							
									Existing		Proposed		
Room	Window	Existing	Proposed	Loss	%	Room	Window	Room Use	ADF	Total	ADF	Total	Loss	%
R12/1302	DW15/1302	37.47	33.30	4.17	11.13	R12/1302	DW15/1302		1.18	1.18	1.06	1.06	0.12	10.17
R13/1302	DW16/1302	37.52	33.34	4.18	11.14	R13/1302	DW16/1302		1.18	1.18	1.05	1.05	0.12	10.30
R14/1302	W17/1302	37.70	33.54	4.16	11.03	R14/1302	W17/1302		2.39	2.39	2.15	2.15	0.24	10.16
R15/1302	W18/1302	37.75	33.65	4.10	10.86	R15/1302	W18/1302		2.37	2.37	2.13	2.13	0.24	10.00
R16/1302	W19/1302	37.81	33.75	4.06	10.74	R16/1302	W19/1302		1.43		1.28			
R16/1302	DW20/1302	36.14	35.68	0.46	1.27	R16/1302	DW20/1302		0.99	2.41	0.98	2.26	0.15	6.26
R1/1303	W1/1303	36.73	33.06	3.67	9.99	R1/1303	W1/1303		1.66	1.66	1.51	1.51	0.15	9.27
R2/1303	W2/1303	36.78	32.95	3.83	10.41	R2/1303	W2/1303		2.49	2.49	2.26	2.26	0.24	9.54
R3/1303	W3/1303	36.81	32.85	3.96	10.76	R3/1303	W3/1303		2.51	2.51	2.26	2.26	0.25	9.90
R4/1303	W4/1303	36.70	32.65	4.05	11.04	R4/1303	W4/1303		1.97	1.97	1.77	1.77	0.20	10.12
R5/1303	W5/1303	36.74	32.63	4.11	11.19	R5/1303	W5/1303		1.94	1.94	1.74	1.74	0.20	10.29
R6/1303	W6/1303	36.74	32.58	4.16	11.32	R6/1303	W6/1303		2.51	2.51	2.25	2.25	0.26	10.31
R7/1303	W7/1303	36.75	32.55	4.20	11.43	R7/1303	W7/1303		1.91	1.91	1.71	1.71	0.20	10.52
R8/1303	W8/1303	36.73	32.53	4.20	11.43	R8/1303	W8/1303		2.55	2.55	2.28	2.28	0.27	10.53
R9/1303	W9/1303	36.71	32.48	4.23	11.52	R9/1303	W9/1303		2.49	2.49	2.23	2.23	0.26	10.53
R10/1303	W10/1303	36.81	32.61	4.20	11.41	R10/1303	W10/1303		1.94	1.94	1.74	1.74	0.21	10.56
R11/1303	W11/1303	36.82	32.65	4.17	11.33	R11/1303	W11/1303		2.54	2.54	2.27	2.27	0.26	10.37
R12/1303	W12/1303	36.84	32.71	4.13	11.21	R12/1303	W12/1303		1.98	1.98	1.78	1.78	0.21	10.39
R13/1303	W13/1303	36.88	32.80	4.08	11.06	R13/1303	W13/1303		1.97	1.97	1.77	1.77	0.20	10.21
R14/1303	W14/1303	36.88	32.90	3.98	10.79	R14/1303	W14/1303		2.52	2.52	2.27	2.27	0.25	9.85
R15/1303	W15/1303	36.87	33.03	3.84	10.41	R15/1303	W15/1303		2.51	2.51	2.27	2.27	0.24	9.54
R16/1303	W16/1303	36.85	33.13	3.72	10.09	R16/1303	W16/1303		1.66	1.66	1.51	1.51	0.16	9.32
BRADFIELD COURT						BRADFIELD COURT								
R1/1400	W1/1400	35.51	34.39	1.12	3.15	R1/1400	W1/1400		2.31	2.31	2.25	2.25	0.06	2.64
R2/1400	W2/1400	35.59	34.37	1.22	3.43	R2/1400	W2/1400		1.81	1.81	1.76	1.76	0.05	2.65
R3/1400	W3/1400	35.66	34.33	1.33	3.73	R3/1400	W3/1400		2.08	2.08	2.02	2.02	0.07	3.17
R4/1400	W4/1400	21.40	19.27	2.13	9.95	R4/1400	W4/1400		1.40	1.40	1.29	1.29	0.11	7.98
R5/1400	W5/1400	34.96	32.83	2.13	6.09	R5/1400	W5/1400		1.99	1.99	1.88	1.88	0.11	5.52
R6/1400	W6/1400	34.80	32.77	2.03	5.83	R6/1400	W6/1400		1.79	1.79	1.70	1.70	0.09	5.15
R7/1400	W7/1400	34.45	32.55	1.90	5.52	R7/1400	W7/1400		1.77	1.77	1.68	1.68	0.09	4.91
R8/1400	W8/1400	33.61	31.85	1.76	5.24	R8/1400	W8/1400		1.91	1.91	1.82	1.82	0.09	4.56
R1/1401	W1/1401	36.58	35.46	1.12	3.06	R1/1401	W1/1401		2.32	2.32	2.26	2.26	0.06	2.63
R2/1401	W2/1401	36.65	35.44	1.21	3.30	R2/1401	W2/1401		1.81	1.81	1.76	1.76	0.05	2.65
R3/1401	W3/1401	36.72	35.42	1.30	3.54	R3/1401	W3/1401		2.04		1.98			
R3/1401	DW4/1401	30.77	28.42	2.35	7.64	R3/1401	DW4/1401		0.84	2.88	0.79	2.77	0.11	3.96

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Vertical Sky Component						Average Daylight Factor							
									Existing		Proposed		
Room	Window	Existing	Proposed	Loss	%	Room	Window	Room Use	ADF	Total	ADF	Total	Loss	%
R4/1401	W5/1401	22.73	20.67	2.06	9.06	R4/1401	W5/1401		1.49	1.49	1.38	1.38	0.11	7.18
R5/1401	W6/1401	36.80	34.72	2.08	5.65	R5/1401	W6/1401		2.06	2.06	1.95	1.95	0.11	5.25
R6/1401	W7/1401	36.74	34.77	1.97	5.36	R6/1401	W7/1401		1.85	1.85	1.75	1.75	0.09	4.93
R7/1401	W8/1401	36.60	34.76	1.84	5.03	R7/1401	W8/1401		1.84	1.84	1.75	1.75	0.09	4.63
R8/1401	W9/1401	36.20	34.48	1.72	4.75	R8/1401	W9/1401		2.01	2.01	1.92	1.92	0.09	4.33
R1/1402	W1/1402	37.61	36.52	1.09	2.90	R1/1402	W1/1402		2.45	2.45	2.39	2.39	0.06	2.57
R2/1402	W2/1402	37.67	36.50	1.17	3.11	R2/1402	W2/1402		1.89	1.89	1.84	1.84	0.05	2.64
R3/1402	W3/1402	37.74	36.48	1.26	3.34	R3/1402	W3/1402		2.19	2.19	2.12	2.12	0.07	3.02
R4/1402	W4/1402	23.45	21.47	1.98	8.44	R4/1402	W4/1402		1.48	1.48	1.38	1.38	0.10	6.77
R5/1402	W5/1402	38.33	36.21	2.12	5.53	R5/1402	W5/1402		2.12	2.12	2.01	2.01	0.11	5.28
R6/1402	W6/1402	38.35	36.35	2.00	5.22	R6/1402	W6/1402		1.91	1.91	1.81	1.81	0.09	4.93
R7/1402	W7/1402	38.36	36.50	1.86	4.85	R7/1402	W7/1402		1.90	1.90	1.81	1.81	0.09	4.68
R8/1402	W8/1402	38.38	36.64	1.74	4.53	R8/1402	W8/1402		2.13	2.13	2.03	2.03	0.09	4.37
R1/1403	W1/1403	38.34	37.40	0.94	2.45	R1/1403	W1/1403		2.43	2.43	2.37	2.37	0.05	2.22
R2/1403	W2/1403	38.39	37.37	1.02	2.66	R2/1403	W2/1403		1.89	1.89	1.85	1.85	0.04	2.33
R3/1403	W3/1403	38.44	37.34	1.10	2.86	R3/1403	W3/1403		2.14		2.08			
R3/1403	DW4/1403	34.56	32.69	1.87	5.41	R3/1403	DW4/1403		0.90	3.03	0.85	2.93	0.10	3.30
R4/1403	W5/1403	24.86	23.26	1.60	6.44	R4/1403	W5/1403		1.53	1.53	1.45	1.45	0.08	5.18
R5/1403	W6/1403	39.03	37.28	1.75	4.48	R5/1403	W6/1403		2.17	2.17	2.08	2.08	0.09	4.33
R6/1403	W7/1403	39.01	37.36	1.65	4.23	R6/1403	W7/1403		1.94	1.94	1.86	1.86	0.08	4.07
R7/1403	W8/1403	39.01	37.45	1.56	4.00	R7/1403	W8/1403		1.94	1.94	1.86	1.86	0.08	3.87
R8/1403	W9/1403	39.02	37.58	1.44	3.69	R8/1403	W9/1403		2.15	2.15	2.07	2.07	0.08	3.67
R1/1404	W1/1404	37.64	36.86	0.78	2.07	R1/1404	W1/1404		2.58	2.58	2.53	2.53	0.05	1.94
R2/1404	W2/1404	37.42	36.58	0.84	2.24	R2/1404	W2/1404		2.00	2.00	1.96	1.96	0.04	2.00
R3/1404	W3/1404	37.18	36.28	0.90	2.42	R3/1404	W3/1404		2.26	2.26	2.21	2.21	0.05	2.25
R4/1404	W4/1404	28.40	27.25	1.15	4.05	R4/1404	W4/1404		1.80	1.80	1.73	1.73	0.06	3.51
R5/1404	W5/1404	37.57	36.31	1.26	3.35	R5/1404	W5/1404		2.22	2.22	2.15	2.15	0.07	3.16
R6/1404	W6/1404	37.57	36.35	1.22	3.25	R6/1404	W6/1404		2.02	2.02	1.96	1.96	0.06	3.07
R7/1404	W7/1404	37.54	36.38	1.16	3.09	R7/1404	W7/1404		2.04	2.04	1.98	1.98	0.06	2.94
R8/1404	W8/1404	37.47	36.37	1.10	2.94	R8/1404	W8/1404		2.21	2.21	2.14	2.14	0.06	2.86
QUINN'S PH						QUINN'S PH								
R1/1501	W1/1501	36.85	35.51	1.34	3.64	R1/1501	W1/1501		1.46		1.42			
R1/1501	W2/1501	36.86	35.58	1.28	3.47	R1/1501	W2/1501		1.43	2.89	1.39	2.81	0.08	2.87
R2/1501	W3/1501	36.91	35.65	1.26	3.41	R2/1501	W3/1501		1.52		1.48			
R2/1501	W4/1501	36.94	35.68	1.26	3.41	R2/1501	W4/1501		1.49	3.01	1.45	2.93	0.08	2.69

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Vertical Sky Component						Average Daylight Factor							
									Existing		Proposed		
Room	Window	Existing	Proposed	Loss	%	Room	Window	Room Use	ADF	Total	ADF	Total	Loss	%
R3/1501	W5/1501	36.97	35.77	1.20	3.25	R3/1501	W5/1501		1.52		1.49			
R3/1501	W6/1501	37.01	35.89	1.12	3.03	R3/1501	W6/1501		1.53	3.05	1.49	2.97	0.08	2.46
R4/1501	W7/1501	37.01	35.98	1.03	2.78	R4/1501	W7/1501		1.72		1.68			
R4/1501	W8/1501	36.99	36.09	0.90	2.43	R4/1501	W8/1501		1.72	3.43	1.69	3.36	0.07	1.98
KENTISH TOWN ROAD, 63						KENTISH TOWN ROAD, 63								
R1/1600	W1/1600	35.29	33.67	1.62	4.59	R1/1600	W1/1600		2.05	2.05	1.97	1.97	0.08	3.96
R2/1600	W2/1600	35.47	33.63	1.84	5.19	R2/1600	W2/1600		2.54	2.54	2.43	2.43	0.11	4.49
R1/1601	W1/1601	36.21	34.46	1.75	4.83	R1/1601	W1/1601		1.69	1.69	1.62	1.62	0.07	4.25
R2/1601	W2/1601	34.96	33.01	1.95	5.58	R2/1601	W2/1601		2.57	2.57	2.45	2.45	0.12	4.82
R1/1610	W1/1610	63.91	63.40	0.51	0.80	R1/1610	W1/1610		13.41	13.41	13.36	13.36	0.05	0.39
KENTISH TOWN ROAD, 61						KENTISH TOWN ROAD, 61								
R1/1700	W1/1700	3.92	3.92	0.00	0.00	R1/1700	W1/1700		0.00	0.00	0.00	0.00	0.00	-
R2/1700	W2/1700	9.13	9.12	0.01	0.11	R2/1700	W2/1700		0.69	0.69	0.69	0.69	0.00	0.00
R3/1700	W3/1700	13.85	13.77	0.08	0.58	R3/1700	W3/1700		1.00	1.00	1.00	1.00	0.00	0.00
R1/1701	W1/1701	35.61	33.49	2.12	5.95	R1/1701	W1/1701		1.68		1.59			
R1/1701	W2/1701	35.53	33.24	2.29	6.45	R1/1701	W2/1701		1.20	2.88	1.13	2.72	0.16	5.49
R2/1701	W3/1701	35.10	32.76	2.34	6.67	R2/1701	W3/1701		1.97	1.97	1.85	1.85	0.12	6.09
R1/1702	W1/1702	34.06	31.85	2.21	6.49	R1/1702	W1/1702		2.05	2.05	1.94	1.94	0.11	5.55
R2/1702	W2/1702	36.62	34.17	2.45	6.69	R2/1702	W2/1702		1.48		1.39			
R2/1702	W3/1702	34.50	33.82	0.68	1.97	R2/1702	W3/1702		0.17	1.65	0.17	1.56	0.09	5.40
KENTISH TOWN ROAD, 59						KENTISH TOWN ROAD, 59								
R1/1800	W1/1800	3.68	1.64	2.04	55.43	R1/1800	W1/1800		0.24		0.10			
R1/1800	W2/1800	2.45	0.75	1.70	69.39	R1/1800	W2/1800		0.07	0.32	0.01	0.11	0.21	66.77
R2/1800	W3/1800	4.37	2.23	2.14	48.97	R2/1800	W3/1800		0.26	0.26	0.11	0.11	0.14	55.81
R1/1801	W2/1801	35.46	32.51	2.95	8.32	R1/1801	W2/1801		1.34	1.34	1.25	1.25	0.10	7.07
R2/1801	W3/1801	34.26	31.42	2.84	8.29	R2/1801	W3/1801		2.10		1.95			
R2/1801	W4/1801	31.44	28.29	3.15	10.02	R2/1801	W4/1801		0.38	2.48	0.32	2.28	0.20	8.23
R3/1801	W1/1801	18.65	18.60	0.05	0.27	R3/1801	W1/1801		0.21	0.21	0.21	0.21	0.00	0.00
R1/1802	W1/1802	36.30	33.59	2.71	7.47	R1/1802	W1/1802		1.01	1.01	0.94	0.94	0.07	7.03
R2/1802	W2/1802	34.33	31.78	2.55	7.43	R2/1802	W2/1802		2.03	2.03	1.89	1.89	0.14	6.90
KENTISH TOWN ROAD, 57						KENTISH TOWN ROAD, 57								
R1/1900	W1/1900	31.05	28.91	2.14	6.89	R1/1900	W1/1900		2.49		2.35			
R1/1900	W2/1900	30.73	28.61	2.12	6.90	R1/1900	W2/1900		0.56	3.06	0.53	2.88	0.18	5.86
R1/1901	W1/1901	35.01	32.00	3.01	8.60	R1/1901	W1/1901		4.03		3.73			
R1/1901	W2/1901	35.00	31.90	3.10	8.86	R1/1901	W2/1901		4.17	8.19	3.85	7.58	0.61	7.48
R2/1901	W3/1901	11.66	11.15	0.51	4.37	R2/1901	W3/1901		0.56	0.56	0.56	0.56	0.00	0.53
R1/1902	W1/1902	33.18	30.26	2.92	8.80	R1/1902	W1/1902		2.30	2.30	2.13	2.13	0.17	7.40

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Vertical Sky Component						Average Daylight Factor							
									Existing		Proposed		
Room	Window	Existing	Proposed	Loss	%	Room	Window	Room Use	ADF	Total	ADF	Total	Loss	%
R2/1902	W2/1902	36.00	32.93	3.07	8.53	R2/1902	W2/1902		1.56	1.56	1.44	1.44	0.12	7.88
KENTISH TOWN ROAD, 55						KENTISH TOWN ROAD, 55								
R1/2000	W1/2000	4.78	3.12	1.66	34.73	R1/2000	W1/2000		0.79	0.79	0.67	0.67	0.12	15.61
R2/2000	W2/2000	22.13	20.22	1.91	8.63	R2/2000	W2/2000		1.63	1.63	1.54	1.54	0.10	5.88
R1/2001	W1/2001	28.44	26.16	2.28	8.02	R1/2001	W1/2001		1.91	1.91	1.79	1.79	0.11	5.98
R2/2001	W2/2001	30.77	28.24	2.53	8.22	R2/2001	W2/2001		2.04	2.04	1.91	1.91	0.13	6.24
R1/2002	W1/2002	34.84	31.78	3.06	8.78	R1/2002	W1/2002		1.98	1.98	1.83	1.83	0.14	7.29
R2/2002	W2/2002	34.14	31.14	3.00	8.79	R2/2002	W2/2002		1.97	1.97	1.83	1.83	0.15	7.35
R1/2003	W1/2003	38.65	36.06	2.59	6.70	R1/2003	W1/2003		1.82	1.82	1.71	1.71	0.11	6.09
R2/2003	W2/2003	38.47	35.88	2.59	6.73	R2/2003	W2/2003		1.82	1.82	1.71	1.71	0.11	6.26
R1/2010	W1/2010	32.50	30.15	2.35	7.23	R1/2010	W1/2010		2.94		2.76			
R1/2010	W3/2010	33.06	30.47	2.59	7.83	R1/2010	W3/2010		0.39	3.33	0.36	3.12	0.21	6.33
R2/2010	W2/2010	33.14	30.56	2.58	7.79	R2/2010	W2/2010		1.91	1.91	1.77	1.77	0.14	7.07
R1/2011	W1/2011	35.35	32.09	3.26	9.22	R1/2011	W1/2011		1.85		1.70			
R1/2011	W2/2011	35.35	32.08	3.27	9.25	R1/2011	W2/2011		1.13	2.98	1.03	2.73	0.25	8.23
R1/2012	W1/2012	35.99	32.77	3.22	8.95	R1/2012	W1/2012		2.93	2.93	2.71	2.71	0.22	7.57
KENTISH TOWN ROAD, 53						KENTISH TOWN ROAD, 53								
R1/2201	W1/2201	33.62	31.06	2.56	7.61	R1/2201	W1/2201		2.64	2.64	2.46	2.46	0.17	6.53
R1/2202	W1/2202	36.87	33.54	3.33	9.03	R1/2202	W1/2202		2.32	2.32	2.15	2.15	0.17	7.30
R1/2203	W1/2203	34.69	31.87	2.82	8.13	R1/2203	W1/2203		0.72	0.72	0.67	0.67	0.05	6.83
R1/2210	W1/2210	23.63	21.86	1.77	7.49	R1/2210	W1/2210		0.21		0.19			
R1/2210	W2/2210	3.71	3.45	0.26	7.01	R1/2210	W2/2210		0.29	0.50	0.26	0.44	0.05	10.51
R1/2211	W1/2211	33.75	31.14	2.61	7.73	R1/2211	W1/2211		0.25		0.22			
R1/2211	W2/2211	31.15	28.86	2.29	7.35	R1/2211	W2/2211		2.15	2.40	2.01	2.23	0.17	6.96
R1/2212	W1/2212	35.59	32.50	3.09	8.68	R1/2212	W1/2212		2.18	2.18	2.03	2.03	0.16	7.10
KENTISH TOWN ROAD, 51						KENTISH TOWN ROAD, 51								
R1/2300	W1/2300	21.45	20.05	1.40	6.53	R1/2300	W1/2300		1.03	1.03	0.98	0.98	0.05	4.77
R2/2300	W2/2300	8.25	8.22	0.03	0.36	R2/2300	W2/2300		0.23		0.23			
R2/2300	W3/2300	7.77	7.74	0.03	0.39	R2/2300	W3/2300		0.22	0.45	0.22	0.45	0.00	0.00
R1/2301	W1/2301	30.06	27.80	2.26	7.52	R1/2301	W1/2301		2.44	2.44	2.30	2.30	0.14	5.79
R2/2301	W2/2301	13.51	13.46	0.05	0.37	R2/2301	W2/2301		0.71		0.71			
R2/2301	W3/2301	12.87	12.83	0.04	0.31	R2/2301	W3/2301		0.69	1.40	0.69	1.40	0.00	0.00
R1/2302	W1/2302	35.58	32.56	3.02	8.49	R1/2302	W1/2302		2.22	2.22	2.07	2.07	0.15	6.62
R2/2302	W2/2302	34.37	34.19	0.18	0.52	R2/2302	W2/2302		2.09	2.09	2.09	2.09	0.00	0.00
R1/2303	W1/2303	34.33	31.05	3.28	9.55	R1/2303	W1/2303		0.71	0.71	0.66	0.66	0.05	7.09
R2/2303	W2/2303	33.40	33.23	0.17	0.51	R2/2303	W2/2303		0.67	0.67	0.67	0.67	0.00	0.00
R1/2310	W1/2310	1.70	1.70	0.00	0.00	R1/2310	W1/2310		0.19		0.19			

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Vertical Sky Component						Average Daylight Factor							
									Existing		Proposed		
Room	Window	Existing	Proposed	Loss	%	Room	Window	Room Use	ADF	Total	ADF	Total	Loss	%
R1/2310	W2/2310	21.30	20.43	0.87	4.08	R1/2310	W2/2310		0.20	0.38	0.19	0.37	0.01	2.87
R1/2311	W1/2311	32.50	30.15	2.35	7.23	R1/2311	W1/2311		0.25	0.25	0.23	0.23	0.03	11.07
R1/2312	W1/2312	35.06	32.13	2.93	8.36	R1/2312	W1/2312		2.19	2.19	2.04	2.04	0.15	6.82
R1/2320	W1/2320	9.12	9.09	0.03	0.33	R1/2320	W1/2320		0.08		0.08			
R1/2320	W2/2320	9.88	9.85	0.03	0.30	R1/2320	W2/2320		0.24		0.24			
R1/2320	W3/2320	9.19	9.16	0.03	0.33	R1/2320	W3/2320		0.87	1.20	0.87	1.20	0.00	0.00
R2/2320	W4/2320	8.25	8.23	0.02	0.24	R2/2320	W4/2320		0.70		0.70			
R2/2320	W5/2320	25.63	25.63	0.00	0.00	R2/2320	W5/2320		4.40	5.11	4.40	5.11	0.00	0.00
CAMDEN GARDENS, 53-55						CAMDEN GARDENS, 53-55								
R1/2400	W1/2400	34.33	34.11	0.22	0.64	R1/2400	W1/2400		0.18		0.18			
R1/2400	W2/2400	31.95	29.13	2.82	8.83	R1/2400	W2/2400		2.96	3.14	2.75	2.93	0.21	6.69
R2/2400	W3/2400	32.24	29.28	2.96	9.18	R2/2400	W3/2400		0.34	0.34	0.30	0.30	0.04	12.06
R3/2400	W4/2400	32.56	29.57	2.99	9.18	R3/2400	W4/2400		0.34	0.34	0.30	0.30	0.04	12.21
R4/2400	W5/2400	31.75	29.21	2.54	8.00	R4/2400	W5/2400		2.93	2.93	2.73	2.73	0.20	6.86
R1/2401	W3/2401	34.85	31.86	2.99	8.58	R1/2401	W3/2401		1.82		1.69			
R1/2401	W4/2401	29.44	29.32	0.12	0.41	R1/2401	W4/2401		1.62	3.44	1.62	3.31	0.14	3.92
R2/2401	W1/2401	35.46	35.16	0.30	0.85	R2/2401	W1/2401		1.90		1.90			
R2/2401	W2/2401	34.20	31.24	2.96	8.65	R2/2401	W2/2401		1.80	3.70	1.67	3.56	0.14	3.78
R1/2402	W3/2402	36.18	33.27	2.91	8.04	R1/2402	W3/2402		4.00		3.72			
R1/2402	W4/2402	20.91	20.80	0.11	0.53	R1/2402	W4/2402		1.72	5.73	1.72	5.44	0.29	5.10
R2/2402	W1/2402	22.64	22.34	0.30	1.33	R2/2402	W1/2402		1.85		1.83			
R2/2402	W2/2402	35.97	32.99	2.98	8.28	R2/2402	W2/2402		4.06	5.91	3.77	5.60	0.31	5.31
CAMDEN GARDENS, 47-52						CAMDEN GARDENS, 47-52								
R1/2500	W1/2500	19.92	19.67	0.25	1.26	R1/2500	W1/2500		1.25		1.24			
R1/2500	W2/2500	16.44	15.98	0.46	2.80	R1/2500	W2/2500		1.11	2.35	1.09	2.33	0.02	0.89
R2/2500	W3/2500	34.15	32.08	2.07	6.06	R2/2500	W3/2500		0.36	0.36	0.33	0.33	0.03	7.32
R3/2500	W4/2500	34.69	32.65	2.04	5.88	R3/2500	W4/2500		0.36	0.36	0.33	0.33	0.02	6.72
R4/2500	W5/2500	34.52	34.45	0.07	0.20	R4/2500	W5/2500		1.79		1.79			
R4/2500	W6/2500	34.30	34.24	0.06	0.17	R4/2500	W6/2500		1.79	3.58	1.79	3.58	0.00	0.03
R1/2501	W1/2501	14.72	14.22	0.50	3.40	R1/2501	W1/2501		1.22		1.18			
R1/2501	W2/2501	36.06	34.07	1.99	5.52	R1/2501	W2/2501		4.12	5.34	3.92	5.10	0.24	4.42
R2/2501	W3/2501	36.69	34.84	1.85	5.04	R2/2501	W3/2501		4.19		3.99			
R2/2501	W4/2501	21.09	21.03	0.06	0.28	R2/2501	W4/2501		1.59	5.78	1.59	5.58	0.20	3.44
CAMDEN HIGH STREET,248						CAMDEN HIGH STREET,248								
R1/3100	W1/3100	34.55	31.70	2.85	8.25	R1/3100	W1/3100		0.85	0.85	0.80	0.80	0.05	6.11
R1/3101	W1/3101	39.37	36.97	2.40	6.10	R1/3101	W1/3101		1.41	1.41	1.34	1.34	0.07	5.04
R1/3110	W1/3110	35.92	32.74	3.18	8.85	R1/3110	W1/3110		0.87	0.87	0.82	0.82	0.06	6.53
R1/3111	W1/3111	38.89	36.13	2.76	7.10	R1/3111	W1/3111		0.90	0.90	0.85	0.85	0.05	5.47
CAMDEN HIGH STREET,246						CAMDEN HIGH STREET,246								
R1/3000	W1/3000	36.50	35.18	1.32	3.62	R1/3000	W1/3000		0.83		0.80			

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Vertical Sky Component						Average Daylight Factor							
									Existing		Proposed		
Room	Window	Existing	Proposed	Loss	%	Room	Window	Room Use	ADF	Total	ADF	Total	Loss	%
R1/3000	W2/3000	36.66	35.19	1.47	4.01	R1/3000	W2/3000		1.16	1.99	1.12	1.93	0.06	3.17
R1/3001	W1/3001	39.29	37.11	2.18	5.55	R1/3001	W1/3001		0.70		0.66			
R1/3001	W2/3001	39.13	36.87	2.26	5.78	R1/3001	W2/3001		1.75	2.45	1.67	2.33	0.12	4.90
R2/3001	W3/3001	39.29	36.99	2.30	5.85	R2/3001	W3/3001		0.69	0.69	0.66	0.66	0.03	4.63
R1/3002	W1/3002	39.56	37.74	1.82	4.60	R1/3002	W1/3002		1.62	1.62	1.55	1.55	0.07	4.27
R2/3002	W2/3002	39.56	37.68	1.88	4.75	R2/3002	W2/3002		0.73	0.73	0.71	0.71	0.03	3.95

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Room / Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
CHALK FARM ROAD, 10						
R3/300		119.7	104.5	104.5	0.0	0.0
R3/301		119.7	115.1	115.1	0.0	0.0
R1/302		206.6	205.9	205.9	0.0	0.0
R2/302		119.7	117.5	117.5	0.0	0.0
R1/303		206.6	205.9	205.9	0.0	0.0
R2/303		119.7	117.0	117.0	0.0	0.0
R1/306		63.4	61.7	61.7	0.0	0.0
R1/307		63.4	61.7	61.7	0.0	0.0
CHALK FARM ROAD,11						
R1/310		122.3	109.0	109.0	0.0	0.0
R1/311		122.3	120.0	120.0	0.0	0.0
R1/312		122.3	120.0	120.0	0.0	0.0
R1/313		122.3	119.6	119.6	0.0	0.0
R1/316		46.2	35.4	35.4	0.0	0.0
R1/317		65.5	63.5	63.5	0.0	0.0
R1/318		65.5	62.4	62.4	0.0	0.0
CHALK FARM ROAD,12						
R1/320		44.1	32.1	32.1	0.0	0.0
R1/321		78.5	76.7	76.7	0.0	0.0
R1/322		78.5	76.3	76.3	0.0	0.0
R1/325		131.1	105.7	105.7	0.0	0.0
R1/326		131.1	127.6	127.6	0.0	0.0
R1/327		131.1	127.8	127.8	0.0	0.0
R1/328		131.1	127.4	127.4	0.0	0.0
CHALK FARM ROAD,13						
R1/330		115.1	97.0	97.0	0.0	0.0
R1/331		115.1	111.5	111.5	0.0	0.0
R1/332		115.1	113.2	113.2	0.0	0.0
R1/333		115.1	113.4	113.4	0.0	0.0
R1/336		62.0	17.1	17.1	0.0	0.0
R1/337		69.4	58.0	58.0	0.0	0.0
R1/338		69.4	67.2	67.2	0.0	0.0
CHALK FARM ROAD,14						
R1/341		25.8	13.0	13.0	0.0	0.0
LEYBOURNE STREET, 1-25						
R1/400		153.5	129.1	129.1	0.0	0.0
R2/400		67.8	52.9	52.3	0.6	1.1
R3/400		48.4	33.4	28.7	4.7	14.1
R4/400		134.4	127.2	126.9	0.4	0.3

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Room / Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R5/400		186.1	179.3	175.5	3.8	2.1
R6/400	HALL	50.4	44.9	44.9	0.0	0.0
R7/400	HALL	50.4	45.1	44.0	1.1	2.4
R8/400		167.6	162.3	162.3	0.0	0.0
R9/400		167.7	165.0	164.9	0.1	0.1
R1/401		153.5	141.9	141.9	0.0	0.0
R2/401		67.8	57.3	57.0	0.3	0.5
R3/401		48.4	40.6	35.3	5.2	12.8
R4/401		134.4	127.2	124.4	2.8	2.2
R5/401		114.3	112.5	112.5	0.0	0.0
R6/401	HALL	37.2	0.0	0.0	0.0	0.0
R7/401	HALL	39.7	0.0	0.0	0.0	0.0
R8/401		110.0	108.5	108.5	0.0	0.0
R9/401		107.0	104.6	104.6	0.0	0.0
R10/401	HALL	37.2	0.0	0.0	0.0	0.0
R11/401	HALL	39.7	0.0	0.0	0.0	0.0
R12/401		108.6	106.8	106.8	0.0	0.0
R1/402		146.5	143.4	141.8	1.6	1.1
R2/402		51.7	47.0	46.7	0.3	0.6
R3/402		134.4	127.5	127.5	0.0	0.0
R4/402		174.5	171.8	171.8	0.0	0.0
R5/402		169.5	167.1	167.1	0.0	0.0
R6/402		167.6	165.3	165.3	0.0	0.0
R7/402		167.7	165.3	165.3	0.0	0.0
R1/403		156.4	146.6	146.6	0.0	0.0
R2/403		154.0	144.0	140.3	3.8	2.6
R3/403		174.8	168.1	167.0	1.1	0.7
R4/403		169.5	159.0	158.9	0.1	0.1
R5/403		167.6	164.0	164.0	0.0	0.0
R6/403		172.3	167.4	167.4	0.0	0.0
R1/410	HALL	24.3	5.1	5.0	0.1	2.0
R1/411		48.0	38.4	36.8	1.6	4.2
CASTLEHAVEN ROAD, 20A						
R1/800	KITCHEN	136.5	120.7	116.7	4.0	3.3
R1/801	LIVINGROOM	350.9	339.4	333.0	6.3	1.9
R1/802	BEDROOM	143.0	138.3	131.0	7.2	5.2
CASTLEHAVEN ROAD, 22						
R2/800	KITCHEN	136.6	131.8	130.4	1.4	1.1
R2/801	LIVINGROOM	350.7	344.1	342.0	2.2	0.6
R2/802	BEDROOM	143.1	136.1	134.0	2.1	1.5
CASTLEHAVEN ROAD, 22A						
R1/900	KITCHEN	91.7	84.5	68.8	15.7	18.6
R1/901	LIVINGROOM	271.3	266.3	249.0	17.3	6.5
R2/901	BATHROOM	37.2	35.5	35.5	0.0	0.0
R1/902	LIVINGROOM	172.6	167.7	162.5	5.2	3.1
R2/902	BATHROOM	105.7	101.6	87.6	13.9	13.7
R1/903	BEDROOM	172.6	169.3	166.3	3.0	1.8
R2/903	BATHROOM	105.7	102.1	81.6	20.4	20.0

CAMDEN LOCK VILLAGE
LONDON
DAYLIGHT DISTRIBUTION ANALYSIS

Room / Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
CASTLEHAVEN ROAD, 22B						
R1/1000	KITCHEN	131.6	125.9	120.5	5.4	4.3
R1/1001	LIVINGROOM	351.7	342.8	339.6	3.2	0.9
R1/1002	BEDROOM	141.6	132.0	126.7	5.3	4.0
CASTLEHAVEN ROAD, 22C						
R2/1000	KITCHEN	134.5	131.9	127.0	4.9	3.7
R2/1001	LIVINGROOM	350.5	344.1	337.2	6.9	2.0
R2/1002	BEDROOM	141.6	137.5	128.2	9.4	6.8
HAWLEY ROAD, 21						
R1/1100		131.3	126.1	110.8	15.3	12.1
R1/1101		131.3	127.1	114.2	13.0	10.2
R1/1102		131.3	126.8	119.0	7.8	6.2
R1/1103		101.6	98.3	89.7	8.6	8.7
R2/1103		99.8	97.1	90.5	6.6	6.8
R1/1110		36.1	33.2	26.6	6.6	19.9
R1/1111		86.8	84.5	82.4	2.1	2.5
HAWLEY ROAD, 19						
R1/1200		132.9	126.4	110.5	15.9	12.6
R1/1201		132.9	128.4	111.2	17.2	13.4
R1/1202		132.9	128.4	115.5	12.9	10.0
R1/1203		101.0	98.8	86.5	12.3	12.4
R2/1203		100.6	97.5	86.4	11.1	11.4
R3/1203		20.6	19.3	19.3	0.0	0.0
R1/1210		36.1	33.1	28.0	5.1	15.4
R1/1211		87.0	84.7	77.7	7.0	8.3
WELFORD COURT						
R1/1300		120.8	116.5	116.1	0.4	0.3
R2/1300		110.3	106.1	106.1	0.0	0.0
R3/1300		109.7	105.5	105.5	0.0	0.0
R4/1300		95.5	93.7	93.7	0.0	0.0
R5/1300		95.1	93.3	93.3	0.0	0.0
R6/1300		109.6	105.5	105.5	0.0	0.0
R7/1300		96.2	92.4	92.4	0.0	0.0
R8/1300		108.5	105.2	105.2	0.0	0.0

CAMDEN LOCK VILLAGE
LONDON
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Room / Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R9/1300		108.8	105.5	105.5	0.0	0.0
R10/1300		96.8	92.9	92.9	0.0	0.0
R11/1300		109.8	105.7	105.7	0.0	0.0
R12/1300		95.3	93.5	91.9	1.6	1.7
R13/1300		96.1	94.2	92.4	1.8	1.9
R14/1300		108.9	104.8	104.8	0.0	0.0
R15/1300		110.4	106.2	106.2	0.0	0.0
R16/1300		119.5	115.1	113.2	1.9	1.7
R1/1301		119.4	115.6	115.6	0.0	0.0
R2/1301		110.3	108.8	108.8	0.0	0.0
R3/1301		109.7	108.2	108.2	0.0	0.0
R4/1301		94.1	92.6	92.6	0.0	0.0
R5/1301		93.7	92.2	92.2	0.0	0.0
R6/1301		109.6	108.2	108.2	0.0	0.0
R7/1301		96.2	94.7	94.6	0.1	0.1
R8/1301		107.5	106.7	106.7	0.0	0.0
R9/1301		107.8	106.7	106.7	0.0	0.0
R10/1301		96.8	95.3	95.3	0.0	0.0
R11/1301		109.8	108.6	108.6	0.0	0.0
R12/1301		94.0	92.5	92.5	0.0	0.0
R13/1301		94.7	93.2	93.2	0.0	0.0
R14/1301		108.9	107.8	107.8	0.0	0.0
R15/1301		110.4	109.2	109.2	0.0	0.0
R16/1301		118.1	114.4	114.4	0.0	0.0
R1/1302		136.3	134.5	134.5	0.0	0.0
R2/1302		110.3	108.1	108.1	0.0	0.0
R3/1302		109.7	107.5	107.5	0.0	0.0
R4/1302		95.5	94.0	94.0	0.0	0.0
R5/1302		95.1	93.6	93.6	0.0	0.0
R6/1302		109.6	107.4	107.4	0.0	0.0
R7/1302		96.2	94.0	94.0	0.0	0.0
R8/1302		108.5	105.7	105.7	0.0	0.0
R9/1302		108.8	105.8	105.8	0.0	0.0
R10/1302		96.8	94.6	94.6	0.0	0.0
R11/1302		109.8	107.9	107.9	0.0	0.0
R12/1302		95.3	93.8	92.9	0.9	1.0
R13/1302		96.1	94.7	93.4	1.3	1.4
R14/1302		108.9	107.0	107.0	0.0	0.0
R15/1302		110.4	108.2	108.2	0.0	0.0
R16/1302		134.7	132.9	132.9	0.0	0.0
R1/1303		119.4	115.6	115.6	0.0	0.0
R2/1303		110.3	109.1	109.1	0.0	0.0
R3/1303		109.7	108.2	108.2	0.0	0.0
R4/1303		94.1	92.0	92.0	0.0	0.0
R5/1303		93.7	92.2	92.2	0.0	0.0
R6/1303		109.6	107.4	107.4	0.0	0.0
R7/1303		96.2	94.5	94.5	0.0	0.0
R8/1303		107.5	105.6	105.6	0.0	0.0
R9/1303		107.8	105.9	105.9	0.0	0.0
R10/1303		96.8	95.3	95.3	0.0	0.0
R11/1303		109.8	108.4	108.4	0.0	0.0
R12/1303		94.0	92.5	92.5	0.0	0.0
R13/1303		94.7	93.2	93.2	0.0	0.0
R14/1303		108.9	107.8	107.8	0.0	0.0
R15/1303		110.4	109.2	109.2	0.0	0.0
R16/1303		118.1	113.9	113.9	0.0	0.0

CAMDEN LOCK VILLAGE
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Room / Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
BRADFIELD COURT						
R1/1400		111.9	110.2	110.2	0.0	0.0
R2/1400		94.9	92.7	92.7	0.0	0.0
R3/1400		129.9	126.7	126.7	0.0	0.0
R4/1400		86.3	80.0	80.0	0.0	0.0
R5/1400		136.0	133.4	133.4	0.0	0.0
R6/1400		93.7	91.7	91.7	0.0	0.0
R7/1400		93.3	91.3	91.3	0.0	0.0
R8/1400		137.3	134.4	134.4	0.0	0.0
R1/1401		111.9	110.2	110.2	0.0	0.0
R2/1401		94.9	92.7	92.7	0.0	0.0
R3/1401		131.3	129.2	129.2	0.0	0.0
R4/1401		86.3	79.5	79.5	0.0	0.0
R5/1401		136.0	133.4	133.4	0.0	0.0
R6/1401		93.7	91.7	91.7	0.0	0.0
R7/1401		93.3	91.3	91.3	0.0	0.0
R8/1401		137.3	134.4	134.4	0.0	0.0
R1/1402		111.9	110.2	110.2	0.0	0.0
R2/1402		94.9	92.7	92.7	0.0	0.0
R3/1402		129.9	126.9	126.9	0.0	0.0
R4/1402		86.3	80.0	80.0	0.0	0.0
R5/1402		136.0	133.4	133.4	0.0	0.0
R6/1402		93.7	91.7	91.7	0.0	0.0
R7/1402		93.3	91.3	91.3	0.0	0.0
R8/1402		137.3	134.4	134.4	0.0	0.0
R1/1403		111.9	110.2	110.2	0.0	0.0
R2/1403		94.9	92.7	92.7	0.0	0.0
R3/1403		131.3	129.2	129.2	0.0	0.0
R4/1403		86.3	81.2	81.2	0.0	0.0
R5/1403		136.0	133.4	133.4	0.0	0.0
R6/1403		93.7	91.7	91.7	0.0	0.0
R7/1403		93.3	91.3	91.3	0.0	0.0
R8/1403		137.3	134.4	134.4	0.0	0.0
R1/1404		111.9	110.2	110.2	0.0	0.0
R2/1404		94.9	92.7	92.7	0.0	0.0
R3/1404		129.9	126.9	126.9	0.0	0.0
R4/1404		86.3	80.9	80.9	0.0	0.0
R5/1404		136.0	133.4	133.4	0.0	0.0
R6/1404		93.7	91.7	91.7	0.0	0.0
R7/1404		93.3	91.3	91.3	0.0	0.0
R8/1404		137.3	134.4	134.4	0.0	0.0
QUINN'S PH						
R1/1501		173.9	170.0	170.0	0.0	0.0
R2/1501		162.9	158.8	158.8	0.0	0.0
R3/1501		158.7	155.3	155.3	0.0	0.0
R4/1501		134.0	131.7	131.7	0.0	0.0
KENTISH TOWN ROAD, 63						
R1/1600		97.9	91.6	91.6	0.0	0.0
R2/1600		96.2	91.8	91.8	0.0	0.0
R1/1601		97.9	91.6	91.6	0.0	0.0

CAMDEN LOCK VILLAGE
LONDON
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Room / Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R2/1601		96.2	92.3	92.3	0.0	0.0
R1/1610		161.9	161.9	161.9	0.0	0.0
KENTISH TOWN ROAD, 61						
R1/1700		96.2	1.4	1.4	0.0	0.0
R2/1700		97.4	23.6	23.6	0.0	0.0
R3/1700		96.2	61.3	61.3	0.0	0.0
R1/1701		131.4	126.6	126.6	0.0	0.0
R2/1701		62.2	60.2	60.2	0.0	0.0
R1/1702		96.2	91.9	91.9	0.0	0.0
R2/1702		97.4	94.9	94.9	0.0	0.0
KENTISH TOWN ROAD, 59						
R1/1800		133.9	115.1	62.2	52.9	46.0
R2/1800		138.3	97.4	52.1	45.3	46.5
R1/1801		134.0	129.4	129.4	0.0	0.0
R2/1801		138.3	135.8	135.8	0.0	0.0
R3/1801		58.1	24.3	24.3	0.0	0.0
R1/1802		92.1	84.1	83.8	0.3	0.4
R2/1802		90.0	83.8	83.8	0.0	0.0
KENTISH TOWN ROAD, 57						
R1/1900		189.0	186.2	186.2	0.0	0.0
R1/1901		189.0	188.0	188.0	0.0	0.0
R2/1901		48.4	22.3	22.3	0.0	0.0
R1/1902		111.0	107.2	107.2	0.0	0.0
R2/1902		48.4	46.7	46.7	0.0	0.0
KENTISH TOWN ROAD, 55						
R1/2000		134.1	110.1	110.1	0.0	0.0
R2/2000		134.1	104.6	104.6	0.0	0.0
R1/2001		134.1	127.5	127.5	0.0	0.0
R2/2001		134.1	127.3	127.3	0.0	0.0
R1/2002		134.1	127.9	127.9	0.0	0.0
R2/2002		134.1	127.3	127.3	0.0	0.0
R1/2003		141.0	108.4	108.4	0.0	0.0
R2/2003		141.0	108.4	108.1	0.3	0.3
R1/2010		50.0	50.0	50.0	0.0	0.0
R2/2010		37.3	36.3	36.3	0.0	0.0
R1/2011		88.8	87.8	87.8	0.0	0.0
R1/2012		50.4	50.1	50.1	0.0	0.0
KENTISH TOWN ROAD, 53						
R1/2201		160.3	154.8	154.8	0.0	0.0
R1/2202		160.3	152.9	152.9	0.0	0.0
R1/2203		160.3	135.9	135.4	0.6	0.4
R1/2210		66.5	61.5	52.9	8.6	14.0

Room / Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R1/2211		66.5	64.7	64.7	0.0	0.0
R1/2212		81.5	80.3	80.3	0.0	0.0
KENTISH TOWN ROAD, 51						
R1/2300		162.1	134.2	133.8	0.4	0.3
R2/2300		171.1	18.6	18.6	0.0	0.0
R1/2301		162.1	156.0	156.0	0.0	0.0
R2/2301		171.1	69.6	69.6	0.0	0.0
R1/2302		162.1	155.5	155.5	0.0	0.0
R2/2302		171.1	164.5	164.5	0.0	0.0
R1/2303		162.1	134.5	134.5	0.0	0.0
R2/2303		171.1	143.9	143.5	0.4	0.3
R1/2310		65.3	54.3	47.9	6.4	11.8
R1/2311		65.3	53.4	53.4	0.0	0.0
R1/2312		80.0	78.7	78.7	0.0	0.0
R1/2320		165.3	89.7	89.7	0.0	0.0
R2/2320		203.9	203.5	203.5	0.0	0.0
CAMDEN GARDENS, 53-55						
R1/2400		137.9	137.5	137.5	0.0	0.0
R2/2400		63.0	53.1	42.0	11.0	20.7
R3/2400		63.0	57.0	50.2	6.8	11.9
R4/2400		138.3	135.7	132.5	3.2	2.4
R1/2401		232.5	227.8	226.4	1.4	0.6
R2/2401		232.0	230.5	230.5	0.0	0.0
R1/2402		232.5	230.7	230.7	0.0	0.0
R2/2402		232.0	229.9	229.9	0.0	0.0
CAMDEN GARDENS, 47-52						
R1/2500		189.9	179.7	176.9	2.8	1.6
R2/2500		64.6	57.8	57.8	0.0	0.0
R3/2500		64.6	57.7	57.7	0.0	0.0
R4/2500		191.0	186.9	186.9	0.0	0.0
R1/2501		258.5	258.5	258.5	0.0	0.0
R2/2501		259.5	257.2	257.2	0.0	0.0
CAMDEN HIGH STREET,248						
R1/3100		101.5	98.8	98.8	0.0	0.0
R1/3101		101.5	97.7	97.7	0.0	0.0
R1/3110		99.7	98.0	98.0	0.0	0.0
R1/3111		99.7	98.0	98.0	0.0	0.0
CAMDEN HIGH STREET,246						
R1/3000		146.9	144.7	144.7	0.0	0.0
R1/3001		106.9	106.5	106.5	0.0	0.0
R2/3001		98.8	95.2	95.2	0.0	0.0
R1/3002		106.9	105.4	105.4	0.0	0.0
R2/3002		98.8	95.2	95.2	0.0	0.0

Western Parameter
Annual Probable Sunlight Hours (APSH)

Project No: 2801
Existing v PROP_WEST

CAMDEN LOCK VILLAGE
LONDON
SUNLIGHT ANALYSIS

DEC 2011

Room	Window	Room Use	Window: Existing Winter APSH	Window: Existing Annual APSH	Window: Proposed Winter APSH	Window: Proposed Annual APSH	Winter %Loss	Annual %Loss
CHALK FARM ROAD, 10								
R1/302	**W1/302**		5	41	5	41	0.0	0.0
R1/302	**W2/302**		0	36	0	36	-	0.0
R1/302	**W3/302**		0	39	0	39	-	0.0
R1/303	**W1/303**		16	52	16	52	0.0	0.0
R1/303	**W2/303**		16	52	16	52	0.0	0.0
R1/303	**W3/303**		17	55	17	55	0.0	0.0
CHALK FARM ROAD,11								
R1/316	**W1/316**		2	17	2	17	0.0	0.0
CHALK FARM ROAD,13								
R1/336	**W1/336**		3	19	2	18	33.3	5.3
CHALK FARM ROAD,14								
R1/341	**W1/341**		3	10	2	9	33.3	10.0
LEYBOURNE STREET, 1-25								
R1/400	**W1/400**		6	24	6	24	0.0	0.0
R2/400	**W2/400**		8	27	7	23	12.5	14.8
R3/400	**W3/400**		7	27	6	20	14.3	25.9
R1/401	**W1/401**		13	51	13	51	0.0	0.0
R2/401	**W2/401**		9	32	9	30	0.0	6.3
R3/401	**W3/401**		6	30	6	24	0.0	20.0
R1/402	**W1/402**		19	58	19	58	0.0	0.0
R1/402	**W2/402**		11	36	11	35	0.0	2.8
R2/402	**W3/402**		7	34	7	30	0.0	11.8
R1/403	**W1/403**		22	64	22	64	0.0	0.0
R1/403	**W2/403**		22	64	22	64	0.0	0.0
R1/410	**W1/410**	HALL	2	5	2	2	0.0	60.0
R1/411	**W1/411**		9	36	9	30	0.0	16.7

CAMDEN LOCK VILLAGE
LONDON
SUNLIGHT ANALYSIS

Room	Window	Room Use	Window Existing Winter APSH	Window Existing Annual APSH	Window Proposed Winter APSH	Window Proposed Annual APSH	Winter %Loss	Annual %Loss
CASTLEHAVEN ROAD, 20A								
R1/800	**W1/800**	KITCHEN	3	38	1	30	66.7	21.1
R1/801	**W1/801**	LIVINGROOM	7	45	4	37	42.9	17.8
R1/802	**W1/802**	BEDROOM	19	53	8	38	57.9	28.3
CASTLEHAVEN ROAD, 22								
R2/800	**W2/800**	KITCHEN	8	45	4	36	50.0	20.0
R2/801	**W2/801**	LIVINGROOM	14	51	8	40	42.9	21.6
R2/802	**W2/802**	BEDROOM	20	52	9	39	55.0	25.0
CASTLEHAVEN ROAD, 22A								
R1/900	**W1/900**	KITCHEN	14	43	8	32	42.9	25.6
R1/901	**W1/901**	LIVINGROOM	18	54	8	40	55.6	25.9
R2/901	**W2/901**	BATHROOM	16	46	9	36	43.8	21.7
R1/902	**W1/902**	LIVINGROOM	20	57	11	46	45.0	19.3
R2/902	**W2/902**	BATHROOM	16	46	10	39	37.5	15.2
R1/903	**W1/903**	BEDROOM	20	53	11	42	45.0	20.8
R2/903	**W2/903**	BATHROOM	16	48	10	41	37.5	14.6
CASTLEHAVEN ROAD, 22B								
R1/1000	**W1/1000**	KITCHEN	19	56	9	43	52.6	23.2
R1/1001	**W1/1001**	LIVINGROOM	26	63	9	43	65.4	31.7
R1/1002	**W1/1002**	BEDROOM	27	51	12	34	55.6	33.3
CASTLEHAVEN ROAD, 22C								
R2/1000	**W2/1000**	KITCHEN	22	63	8	44	63.6	30.2
R2/1001	**W2/1001**	LIVINGROOM	26	69	9	49	65.4	29.0
R2/1002	**W2/1002**	BEDROOM	28	58	10	39	64.3	32.8

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Room	Window	Room Use	Window Existing Winter APSH	Window Existing Annual APSH	Window Proposed Winter APSH	Window Proposed Annual APSH	Winter %Loss	Annual %Loss
HAWLEY ROAD, 21								
R1/1100	**W1/1100**		17	32	6	19	64.7	40.6
R1/1100	**W2/1100**		15	30	5	19	66.7	36.7
R1/1101	**W1/1101**		24	62	10	43	58.3	30.6
R1/1102	**W1/1102**		25	60	11	43	56.0	28.3
R1/1103	**W1/1103**		27	67	14	53	48.1	20.9
R2/1103	**W2/1103**		30	75	15	56	50.0	25.3
R1/1110	**W1/1110**		18	51	6	35	66.7	31.4
R1/1111	**W1/1111**		24	56	10	41	58.3	26.8
HAWLEY ROAD, 19								
R1/1200	**W1/1200**		16	31	5	19	68.8	38.7
R1/1200	**W2/1200**		15	33	5	23	66.7	30.3
R1/1201	**W1/1201**		23	61	7	36	69.6	41.0
R1/1202	**W1/1202**		25	60	10	40	60.0	33.3
R1/1203	**W1/1203**		30	76	12	52	60.0	31.6
R2/1203	**W2/1203**		27	67	12	46	55.6	31.3
R3/1203	**W3/1203**		0	10	0	13	-	-30.0
R1/1210	**W1/1210**		21	54	4	30	81.0	44.4
R1/1211	**W1/1211**		24	56	9	36	62.5	35.7
WELFORD COURT								
R1/1300	**DW1/1300**		22	59	18	55	18.2	6.8
R2/1300	**W2/1300**		26	66	20	60	23.1	9.1
R3/1300	**W3/1300**		28	68	21	61	25.0	10.3
R4/1300	**DW4/1300**		24	61	18	55	25.0	9.8
R5/1300	**DW5/1300**		23	60	18	55	21.7	8.3
R6/1300	**W6/1300**		25	65	20	60	20.0	7.7

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Room	Window	Room Use	Window Existing Winter APSH	Window Existing Annual APSH	Window Proposed Winter APSH	Window Proposed Annual APSH	Winter %Loss	Annual %Loss
R7/1300	W7/1300		22	60	16	54	27.3	10.0
R8/1300	W8/1300		18	37	13	32	27.8	13.5
R8/1300	DW9/1300		23	59	18	54	21.7	8.5
R9/1300	W10/1300		18	37	12	31	33.3	16.2
R9/1300	DW11/1300		23	59	17	53	26.1	10.2
R10/1300	W12/1300		22	60	17	55	22.7	8.3
R11/1300	W13/1300		26	66	22	62	15.4	6.1
R12/1300	DW14/1300		23	60	18	55	21.7	8.3
R13/1300	DW15/1300		24	61	20	57	16.7	6.6
R14/1300	W16/1300		28	68	24	64	14.3	5.9
R15/1300	W17/1300		28	68	21	61	25.0	10.3
R16/1300	DW18/1300		23	60	16	53	30.4	11.7
R1/1301	W1/1301		26	64	20	58	23.1	9.4
R2/1301	W2/1301		30	70	24	64	20.0	8.6
R3/1301	W3/1301		29	69	23	63	20.7	8.7
R4/1301	W4/1301		22	28	15	21	31.8	25.0
R5/1301	W5/1301		21	27	15	21	28.6	22.2
R6/1301	W6/1301		29	68	23	62	20.7	8.8
R7/1301	W7/1301		25	63	20	58	20.0	7.9
R8/1301	W8/1301		24	32	20	28	16.7	12.5
R9/1301	W9/1301		26	32	19	25	26.9	21.9
R10/1301	W10/1301		26	64	20	58	23.1	9.4
R11/1301	W11/1301		28	68	22	62	21.4	8.8
R12/1301	W12/1301		22	28	17	23	22.7	17.9
R13/1301	W13/1301		22	28	18	24	18.2	14.3
R14/1301	W14/1301		29	68	25	64	13.8	5.9

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Room	Window	Room Use	Window Existing Winter APSH	Window Existing Annual APSH	Window Proposed Winter APSH	Window Proposed Annual APSH	Winter %Loss	Annual %Loss
R15/1301	W15/1301		29	69	24	64	17.2	7.2
R16/1301	W16/1301		24	62	21	59	12.5	4.8
R1/1302	W2/1302		26	64	23	61	11.5	4.7
R2/1302	W3/1302		30	70	26	66	13.3	5.7
R3/1302	W4/1302		30	70	27	67	10.0	4.3
R4/1302	DW5/1302		26	64	23	61	11.5	4.7
R5/1302	DW6/1302		26	64	23	61	11.5	4.7
R6/1302	W7/1302		30	70	27	67	10.0	4.3
R7/1302	W8/1302		26	64	23	61	11.5	4.7
R8/1302	W9/1302		18	37	16	35	11.1	5.4
R8/1302	DW10/1302		25	61	22	58	12.0	4.9
R9/1302	DW11/1302		26	63	23	60	11.5	4.8
R9/1302	W12/1302		19	39	15	35	21.1	10.3
R10/1302	W13/1302		25	63	21	59	16.0	6.3
R11/1302	W14/1302		29	69	25	65	13.8	5.8
R12/1302	DW15/1302		25	63	21	59	16.0	6.3
R13/1302	DW16/1302		25	63	21	59	16.0	6.3
R14/1302	W17/1302		30	70	27	67	10.0	4.3
R15/1302	W18/1302		30	70	25	65	16.7	7.1
R16/1302	W19/1302		26	63	22	59	15.4	6.3
R16/1302	DW20/1302		9	38	9	38	0.0	0.0
R1/1303	W1/1303		26	54	25	53	3.8	1.9
R2/1303	W2/1303		30	60	29	59	3.3	1.7
R3/1303	W3/1303		30	60	28	58	6.7	3.3
R4/1303	W4/1303		26	54	24	52	7.7	3.7
R5/1303	W5/1303		26	53	24	51	7.7	3.8
R6/1303	W6/1303		30	60	27	57	10.0	5.0

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Room	Window	Room Use	Window Existing Winter APSH	Window Existing Annual APSH	Window Proposed Winter APSH	Window Proposed Annual APSH	Winter %Loss	Annual %Loss
R7/1303	W7/1303		26	53	23	50	11.5	5.7
R8/1303	W8/1303		30	60	27	57	10.0	5.0
R9/1303	W9/1303		30	60	27	57	10.0	5.0
R10/1303	W10/1303		26	54	23	51	11.5	5.6
R11/1303	W11/1303		30	60	28	58	6.7	3.3
R12/1303	W12/1303		26	54	24	52	7.7	3.7
R13/1303	W13/1303		26	54	24	52	7.7	3.7
R14/1303	W14/1303		30	60	28	58	6.7	3.3
R15/1303	W15/1303		30	60	27	57	10.0	5.0
R16/1303	W16/1303		26	53	23	50	11.5	5.7
BRADFIELD COURT								
R4/1400	W4/1400		16	33	13	30	18.8	9.1
R5/1400	W5/1400		26	66	22	62	15.4	6.1
R6/1400	W6/1400		24	62	22	60	8.3	3.2
R7/1400	W7/1400		24	62	23	61	4.2	1.6
R8/1400	W8/1400		23	63	23	63	0.0	0.0
R3/1401	DW4/1401		23	52	20	49	13.0	5.8
R4/1401	W5/1401		18	36	15	33	16.7	8.3
R5/1401	W6/1401		30	70	28	68	6.7	2.9
R6/1401	W7/1401		25	63	23	61	8.0	3.2
R7/1401	W8/1401		25	63	23	61	8.0	3.2
R8/1401	W9/1401		27	67	24	64	11.1	4.5
R4/1402	W4/1402		18	35	16	33	11.1	5.7
R5/1402	W5/1402		30	70	28	68	6.7	2.9
R6/1402	W6/1402		26	64	24	62	7.7	3.1

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Room	Window	Room Use	Window Existing Winter APSH	Window Existing Annual APSH	Window Proposed Winter APSH	Window Proposed Annual APSH	Winter %Loss	Annual %Loss
R7/1402	W7/1402		26	64	25	63	3.8	1.6
R8/1402	W8/1402		30	70	29	69	3.3	1.4
R3/1403	DW4/1403		23	56	21	54	8.7	3.6
R4/1403	W5/1403		18	36	16	34	11.1	5.6
R5/1403	W6/1403		30	70	28	68	6.7	2.9
R6/1403	W7/1403		26	64	25	63	3.8	1.6
R7/1403	W8/1403		26	64	25	63	3.8	1.6
R8/1403	W9/1403		30	70	29	69	3.3	1.4
R4/1404	W4/1404		21	38	20	37	4.8	2.6
R5/1404	W5/1404		30	60	29	59	3.3	1.7
R6/1404	W6/1404		26	54	25	53	3.8	1.9
R7/1404	W7/1404		26	54	25	53	3.8	1.9
R8/1404	W8/1404		30	60	29	59	3.3	1.7
QUINN'S PH								
R1/1501	W1/1501		24	60	24	60	0.0	0.0
R1/1501	W2/1501		24	59	24	59	0.0	0.0
R2/1501	W3/1501		25	61	24	60	4.0	1.6
R2/1501	W4/1501		25	60	24	59	4.0	1.7
R3/1501	W5/1501		24	59	24	59	0.0	0.0
R3/1501	W6/1501		24	59	24	59	0.0	0.0
R4/1501	W7/1501		24	59	24	59	0.0	0.0
R4/1501	W8/1501		25	60	24	59	4.0	1.7
KENTISH TOWN ROAD, 61								
R2/1700	W2/1700		1	12	1	12	0.0	0.0
R3/1700	W3/1700		6	20	6	20	0.0	0.0
R2/1702	W3/1702		15	17	15	17	0.0	0.0

CAMDEN LOCK VILLAGE
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SUNLIGHT ANALYSIS

Room	Window	Room Use	Window Existing Winter APSH	Window Existing Annual APSH	Window Proposed Winter APSH	Window Proposed Annual APSH	Winter %Loss	Annual %Loss
KENTISH TOWN ROAD, 57								
R2/1901	**W3/1901**		4	15	4	15	0.0	0.0
KENTISH TOWN ROAD, 51								
R2/2300	**W2/2300**		0	8	0	8	-	0.0
R2/2300	**W3/2300**		0	7	0	7	-	0.0
R2/2301	**W2/2301**		0	22	0	22	-	0.0
R2/2301	**W3/2301**		0	22	0	22	-	0.0
R2/2302	**W2/2302**		7	38	7	38	0.0	0.0
R2/2303	**W2/2303**		6	30	6	30	0.0	0.0
R1/2320	**W1/2320**		0	6	0	6	-	0.0
R1/2320	**W2/2320**		0	8	0	8	-	0.0
R1/2320	**W3/2320**		0	15	0	15	-	0.0
R2/2320	**W4/2320**		0	12	0	12	-	0.0
R2/2320	**W5/2320**		0	24	0	24	-	0.0
CAMDEN GARDENS, 53-55								
R1/2401	**W4/2401**		13	54	13	54	0.0	0.0
R1/2402	**W4/2402**		21	29	21	29	0.0	0.0
CAMDEN GARDENS, 47-52								
R4/2500	**W5/2500**		22	62	22	62	0.0	0.0
R4/2500	**W6/2500**		22	62	22	62	0.0	0.0
R2/2501	**W4/2501**		18	26	18	26	0.0	0.0

CAMDEN LOCK VILLAGE
LONDON
DAYLIGHT ANALYSIS

Vertical Sky Component						Average Daylight Factor							
									Existing		Proposed		
Room	Window	Existing	Proposed	Loss	%	Room	Window	Room Use	ADF	Total	ADF	Total	Loss	%
CHALK FARM ROAD, 10						**CHALK FARM ROAD, 10**								
R3/300	**W1/300**	18.38	18.38	0.00	0.00	**R3/300**	**W1/300**		0.71	0.71	0.71	0.71	0.00	0.00
R3/301	**W6/301**	30.51	29.94	0.57	1.87	**R3/301**	**W6/301**		0.92	0.92	0.90	0.90	0.02	1.64
R1/302	**W1/302**	27.18	27.18	0.00	0.00	**R1/302**	**W1/302**		1.09		1.09			
R1/302	**W2/302**	24.41	24.41	0.00	0.00	**R1/302**	**W2/302**		1.03		1.03			
R1/302	**W3/302**	23.66	23.43	0.23	0.97	**R1/302**	**W3/302**		1.05	3.18	1.05	3.18	0.00	0.09
R2/302	**W4/302**	35.30	34.33	0.97	2.75	**R2/302**	**W4/302**		1.81	1.81	1.78	1.78	0.04	2.15
R1/303	**W1/303**	34.20	34.20	0.00	0.00	**R1/303**	**W1/303**		1.03		1.03			
R1/303	**W2/303**	33.73	33.73	0.00	0.00	**R1/303**	**W2/303**		1.04		1.04			
R1/303	**W3/303**	35.14	34.68	0.46	1.31	**R1/303**	**W3/303**		1.11	3.19	1.11	3.18	0.01	0.22
R2/303	**W4/303**	38.16	36.95	1.21	3.17	**R2/303**	**W4/303**		1.64	1.64	1.60	1.60	0.04	2.55
R1/306	**W1/306**	33.77	33.01	0.76	2.25	**R1/306**	**W1/306**		1.89	1.89	1.86	1.86	0.03	1.80
R1/307	**W1/307**	36.99	35.96	1.03	2.78	**R1/307**	**W1/307**		1.68	1.68	1.64	1.64	0.04	2.32
CHALK FARM ROAD,11						**CHALK FARM ROAD,11**								
R1/310	**W1/310**	17.92	17.64	0.28	1.56	**R1/310**	**W1/310**		1.00	1.00	0.99	0.99	0.01	1.40
R1/311	**W1/311**	29.87	29.10	0.77	2.58	**R1/311**	**W1/311**		1.34	1.34	1.32	1.32	0.03	1.86
R1/312	**W1/312**	35.10	34.11	0.99	2.82	**R1/312**	**W1/312**		1.81	1.81	1.77	1.77	0.04	2.10
R1/313	**W1/313**	38.20	36.99	1.21	3.17	**R1/313**	**W1/313**		1.62	1.62	1.58	1.58	0.04	2.46
R1/316	**W1/316**	17.68	17.08	0.60	3.39	**R1/316**	**W1/316**		0.16		0.15			
R1/316	**W2/316**	29.73	29.07	0.66	2.22	**R1/316**	**W2/316**		0.19	0.35	0.19	0.34	0.01	1.72
R1/317	**W1/317**	35.15	34.19	0.96	2.73	**R1/317**	**W1/317**		1.67	1.67	1.64	1.64	0.03	1.98
R1/318	**W1/318**	38.34	37.14	1.20	3.13	**R1/318**	**W1/318**		1.19	1.19	1.16	1.16	0.03	2.60
CHALK FARM ROAD,12						**CHALK FARM ROAD,12**								
R1/320	**W1/320**	29.60	28.96	0.64	2.16	**R1/320**	**W1/320**		0.30		0.30			
R1/320	**W2/320**	11.40	11.40	0.00	0.00	**R1/320**	**W2/320**		0.11	0.41	0.11	0.41	0.00	0.97
R1/321	**W1/321**	32.52	31.78	0.74	2.28	**R1/321**	**W1/321**		1.54	1.54	1.52	1.52	0.02	1.50
R1/322	**W1/322**	36.81	35.78	1.03	2.80	**R1/322**	**W1/322**		1.40	1.40	1.37	1.37	0.03	2.14
R1/325	**W1/325**	16.90	16.90	0.00	0.00	**R1/325**	**W1/325**		0.89	0.89	0.89	0.89	0.00	0.00
R1/326	**W1/326**	27.55	27.46	0.09	0.33	**R1/326**	**W1/326**		1.18	1.18	1.18	1.18	0.01	0.42
R1/327	**W1/327**	33.74	32.91	0.83	2.46	**R1/327**	**W1/327**		1.64	1.64	1.61	1.61	0.03	1.65
R1/328	**W1/328**	38.28	37.17	1.11	2.90	**R1/328**	**W1/328**		1.53	1.53	1.49	1.49	0.04	2.36
CHALK FARM ROAD,13						**CHALK FARM ROAD,13**								
R1/330	**W1/330**	18.52	18.31	0.21	1.13	**R1/330**	**W1/330**		1.01	1.01	1.00	1.00	0.01	0.80
R1/331	**W1/331**	25.05	24.65	0.40	1.60	**R1/331**	**W1/331**		1.18	1.18	1.17	1.17	0.01	0.85
R1/332	**W1/332**	30.60	29.85	0.75	2.45	**R1/332**	**W1/332**		1.67	1.67	1.64	1.64	0.03	1.56
R1/333	**W1/333**	38.16	37.10	1.06	2.78	**R1/333**	**W1/333**		1.74	1.74	1.70	1.70	0.04	2.24
R1/336	**W1/336**	16.91	16.44	0.47	2.78	**R1/336**	**W1/336**		0.25	0.25	0.24	0.24	0.01	2.02
R1/337	**W1/337**	20.72	20.18	0.54	2.61	**R1/337**	**W1/337**		1.20	1.20	1.18	1.18	0.02	1.51
R1/338	**W1/338**	27.51	26.62	0.89	3.24	**R1/338**	**W1/338**		1.19	1.19	1.17	1.17	0.03	2.26
CHALK FARM ROAD,14						**CHALK FARM ROAD,14**								

Vertical Sky Component						Average Daylight Factor							
									Existing		Proposed		
Room	Window	Existing	Proposed	Loss	%	Room	Window	Room Use	ADF	Total	ADF	Total	Loss	%
R1/341	W1/341	19.64	18.91	0.73	3.72	R1/341	W1/341		0.21	0.21	0.20	0.20	0.01	3.81
LEYBOURNE STREET, 1-25						LEYBOURNE STREET, 1-25								
R1/400	W1/400	14.98	14.98	0.00	0.00	R1/400	W1/400		1.29	1.29	1.29	1.29	0.00	0.00
R2/400	W2/400	23.26	21.57	1.69	7.27	R2/400	W2/400		0.52	0.52	0.49	0.49	0.03	5.04
R3/400	W3/400	22.64	20.40	2.24	9.89	R3/400	W3/400		0.60	0.60	0.55	0.55	0.05	8.46
R4/400	W4/400	34.05	31.96	2.09	6.14	R4/400	W4/400		1.80	1.80	1.72	1.72	0.08	4.56
R5/400	W5/400	31.69	29.88	1.81	5.71	R5/400	W5/400		1.27	1.27	1.22	1.22	0.05	3.95
R6/400	W6/400	15.04	15.03	0.01	0.07	R6/400	W6/400	HALL	0.31		0.31			
R6/400	W7/400	0.74	0.74	0.00	0.00	R6/400	W7/400	HALL	0.03	0.34	0.03	0.34	0.00	0.29
R7/400	W8/400	14.36	13.63	0.73	5.08	R7/400	W8/400	HALL	0.32		0.32			
R7/400	W9/400	0.47	0.48	-0.01	-2.13	R7/400	W9/400	HALL	0.02	0.34	0.02	0.34	0.00	0.29
R8/400	W10/400	32.66	31.20	1.46	4.47	R8/400	W10/400		1.38	1.38	1.35	1.35	0.04	2.82
R9/400	W11/400	35.02	34.02	1.00	2.86	R9/400	W11/400		1.47	1.47	1.44	1.44	0.03	2.17
R1/401	W1/401	27.63	27.53	0.10	0.36	R1/401	W1/401		2.20	2.20	2.20	2.20	0.00	0.00
R2/401	W2/401	24.64	22.84	1.80	7.31	R2/401	W2/401		0.63	0.63	0.60	0.60	0.04	5.55
R3/401	W3/401	23.87	21.16	2.71	11.35	R3/401	W3/401		0.74	0.74	0.67	0.67	0.07	9.36
R4/401	W4/401	35.48	33.28	2.20	6.20	R4/401	W4/401		1.46	1.46	1.39	1.39	0.07	4.73
R5/401	W5/401	35.83	33.93	1.90	5.30	R5/401	W5/401		1.49	1.49	1.44	1.44	0.06	3.88
R6/401	W6/401	0.58	0.58	0.00	0.00	R6/401	W6/401	HALL	0.05	0.05	0.05	0.05	0.00	0.00
R7/401	W7/401	0.40	0.40	0.00	0.00	R7/401	W7/401	HALL	0.04	0.04	0.04	0.04	0.00	0.00
R8/401	W8/401	36.14	34.51	1.63	4.51	R8/401	W8/401		1.54	1.54	1.49	1.49	0.05	3.11
R9/401	W9/401	36.70	35.19	1.51	4.11	R9/401	W9/401		1.57	1.57	1.53	1.53	0.05	2.86
R10/401	W10/401	0.59	0.59	0.00	0.00	R10/401	W10/401	HALL	0.05	0.05	0.05	0.05	0.00	0.00
R11/401	W11/401	0.46	0.42	0.04	8.70	R11/401	W11/401	HALL	0.04	0.04	0.04	0.04	0.00	0.00
R12/401	W12/401	36.96	35.65	1.31	3.54	R12/401	W12/401		1.57	1.57	1.53	1.53	0.04	2.42
R1/402	W1/402	32.65	32.51	0.14	0.43	R1/402	W1/402		2.53		2.53			
R1/402	W2/402	28.34	26.41	1.93	6.81	R1/402	W2/402		0.36	2.89	0.34	2.87	0.02	0.59
R2/402	W3/402	27.73	24.84	2.89	10.42	R2/402	W3/402		0.70	0.70	0.64	0.64	0.06	8.57
R3/402	W4/402	36.97	34.67	2.30	6.22	R3/402	W4/402		2.02	2.02	1.92	1.92	0.10	4.85
R4/402	W5/402	37.27	35.31	1.96	5.26	R4/402	W5/402		2.40	2.40	2.29	2.29	0.11	4.43
R5/402	W6/402	37.48	35.79	1.69	4.51	R5/402	W6/402		2.46	2.46	2.37	2.37	0.10	3.86
R6/402	W7/402	37.86	36.35	1.51	3.99	R6/402	W7/402		2.49	2.49	2.40	2.40	0.09	3.46
R7/402	W8/402	38.05	36.68	1.37	3.60	R7/402	W8/402		2.50	2.50	2.42	2.42	0.08	3.04
R1/403	W1/403	54.50	54.41	0.09	0.17	R1/403	W1/403		0.92		0.92			
R1/403	W2/403	54.54	54.44	0.10	0.18	R1/403	W2/403		0.90	1.81	0.90	1.81	0.00	-0.11
R2/403	W3/403	49.13	46.69	2.44	4.97	R2/403	W3/403		0.79	0.79	0.75	0.75	0.04	4.45
R3/403	W4/403	49.23	47.16	2.07	4.20	R3/403	W4/403		0.64	0.64	0.62	0.62	0.02	3.59
R4/403	W5/403	46.53	44.71	1.82	3.91	R4/403	W5/403		0.63	0.63	0.61	0.61	0.02	3.04

CAMDEN LOCK VILLAGE
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Vertical Sky Component						Average Daylight Factor								
									Existing		Proposed			
Room	Window	Existing	Proposed	Loss	%	Room	Window	Room Use	ADF	Total	ADF	Total	Loss	%
R5/403	W6/403	44.88	43.25	1.63	3.63	R5/403	W6/403		1.71	1.71	1.60	1.60	0.11	6.33
R6/403	W7/403	44.98	43.56	1.42	3.16	R6/403	W7/403		1.62	1.62	1.58	1.58	0.05	2.77
R1/410	W1/410	5.36	3.76	1.60	29.85	R1/410	W1/410	HALL	0.16	0.16	0.11	0.11	0.04	27.39
R1/411	W1/411	28.98	26.41	2.57	8.87	R1/411	W1/411		0.58	0.58	0.53	0.53	0.05	8.33
CASTLEHAVEN ROAD, 20A						CASTLEHAVEN ROAD, 20A								
R1/800	W1/800	24.31	19.98	4.33	17.81	R1/800	W1/800	KITCHEN	2.79	2.79	2.44	2.44	0.36	12.75
R1/801	W1/801	28.53	23.34	5.19	18.19	R1/801	W1/801	LIVINGROOM	1.32		1.13			
R1/801	W4/801	32.42	32.42	0.00	0.00	R1/801	W4/801	LIVINGROOM	0.60	1.93	0.60	1.74	0.19	9.82
R1/802	W1/802	33.08	24.70	8.38	25.33	R1/802	W1/802	BEDROOM	1.87	1.87	1.49	1.49	0.38	20.33
CASTLEHAVEN ROAD, 22						CASTLEHAVEN ROAD, 22								
R2/800	W2/800	27.27	20.64	6.63	24.31	R2/800	W2/800	KITCHEN	3.02	3.02	2.47	2.47	0.55	18.23
R2/801	W2/801	30.60	22.84	7.76	25.36	R2/801	W2/801	LIVINGROOM	1.38		1.11			
R2/801	W3/801	35.92	35.92	0.00	0.00	R2/801	W3/801	LIVINGROOM	0.65	2.03	0.65	1.76	0.27	13.42
R2/802	W2/802	32.83	23.61	9.22	28.08	R2/802	W2/802	BEDROOM	1.86	1.86	1.45	1.45	0.42	22.26
CASTLEHAVEN ROAD, 22A						CASTLEHAVEN ROAD, 22A								
R1/900	W1/900	28.39	19.79	8.60	30.29	R1/900	W1/900	KITCHEN	1.00	1.00	0.77	0.77	0.23	23.12
R1/901	W1/901	33.11	24.31	8.80	26.58	R1/901	W1/901	LIVINGROOM	1.94	1.94	1.53	1.53	0.41	20.98
R2/901	W2/901	30.83	21.87	8.96	29.06	R2/901	W2/901	BATHROOM	2.38	2.38	1.88	1.88	0.50	20.96
R1/902	W1/902	37.17	27.72	9.45	25.42	R1/902	W1/902	LIVINGROOM	2.01	2.01	1.59	1.59	0.42	20.95
R2/902	W2/902	35.25	26.09	9.16	25.99	R2/902	W2/902	BATHROOM	1.28	1.28	1.03	1.03	0.25	19.45
R1/903	W1/903	37.67	28.79	8.88	23.57	R1/903	W1/903	BEDROOM	2.10	2.10	1.68	1.68	0.42	19.82
R2/903	W2/903	37.57	29.02	8.55	22.76	R2/903	W2/903	BATHROOM	1.13	1.13	0.92	0.92	0.21	18.35
CASTLEHAVEN ROAD, 22B						CASTLEHAVEN ROAD, 22B								
R1/1000	W1/1000	26.39	18.79	7.60	28.80	R1/1000	W1/1000	KITCHEN	3.03	3.03	2.40	2.40	0.63	20.74
R1/1001	W1/1001	29.73	20.69	9.04	30.41	R1/1001	W1/1001	LIVINGROOM	1.37		1.05			
R1/1001	W4/1001	35.66	35.66	0.00	0.00	R1/1001	W4/1001	LIVINGROOM	0.64	2.00	0.64	1.68	0.32	15.89
R1/1002	W1/1002	31.32	21.02	10.30	32.89	R1/1002	W1/1002	BEDROOM	1.91	1.91	1.41	1.41	0.50	26.06
CASTLEHAVEN ROAD, 22C						CASTLEHAVEN ROAD, 22C								
R2/1000	W2/1000	29.48	20.68	8.80	29.85	R2/1000	W2/1000	KITCHEN	3.23	3.23	2.50	2.50	0.73	22.60
R2/1001	W2/1001	33.03	22.88	10.15	30.73	R2/1001	W2/1001	LIVINGROOM	1.46		1.11			
R2/1001	W3/1001	35.25	35.25	0.00	0.00	R2/1001	W3/1001	LIVINGROOM	0.63	2.09	0.63	1.73	0.36	17.09
R2/1002	W2/1002	34.25	23.32	10.93	31.91	R2/1002	W2/1002	BEDROOM	2.03	2.03	1.51	1.51	0.52	25.68
HAWLEY ROAD, 21						HAWLEY ROAD, 21								
R1/1100	W1/1100	23.91	14.92	8.99	37.60	R1/1100	W1/1100		0.55		0.40			
R1/1100	W2/1100	27.65	17.34	10.31	37.29	R1/1100	W2/1100		0.35	0.90	0.27	0.67	0.23	25.77
R1/1101	W1/1101	33.20	21.41	11.79	35.51	R1/1101	W1/1101		1.63	1.63	1.20	1.20	0.43	26.38
R1/1102	W1/1102	36.38	23.75	12.63	34.72	R1/1102	W1/1102		1.57	1.57	1.15	1.15	0.42	26.77
R1/1103	W1/1103	38.17	26.72	11.45	30.00	R1/1103	W1/1103		1.64	1.64	1.24	1.24	0.41	24.82
R2/1103	W2/1103	38.31	26.22	12.09	31.56	R2/1103	W2/1103		2.25	2.25	1.65	1.65	0.60	26.74

Vertical Sky Component						Average Daylight Factor							
									Existing		Proposed		
Room	Window	Existing	Proposed	Loss	%	Room	Window	Room Use	ADF	Total	ADF	Total	Loss	%
R1/1110	W1/1110	30.43	20.11	10.32	33.91	R1/1110	W1/1110		1.27	1.27	0.96	0.96	0.30	23.95
R1/1111	W1/1111	34.41	22.84	11.57	33.62	R1/1111	W1/1111		1.45	1.45	1.11	1.11	0.34	23.68
HAWLEY ROAD, 19						HAWLEY ROAD, 19								
R1/1200	W1/1200	27.45	18.56	8.89	32.39	R1/1200	W1/1200		0.35		0.26			
R1/1200	W2/1200	23.03	17.30	5.73	24.88	R1/1200	W2/1200		0.54	0.89	0.41	0.68	0.21	23.50
R1/1201	W1/1201	32.88	20.27	12.61	38.35	R1/1201	W1/1201		1.59	1.59	1.13	1.13	0.46	28.94
R1/1202	W1/1202	36.67	22.58	14.09	38.42	R1/1202	W1/1202		1.56	1.56	1.10	1.10	0.47	29.85
R1/1203	W1/1203	38.38	25.04	13.34	34.76	R1/1203	W1/1203		2.24	2.24	1.58	1.58	0.66	29.35
R2/1203	W2/1203	38.19	24.11	14.08	36.87	R2/1203	W2/1203		2.07	2.07	1.43	1.43	0.64	31.05
R3/1203	W3/1203	21.18	21.24	-0.06	-0.28	R3/1203	W3/1203		0.62	0.62	0.66	0.66	-0.04	-5.81
R1/1210	W1/1210	31.51	18.09	13.42	42.59	R1/1210	W1/1210		1.30	1.30	0.89	0.89	0.42	31.92
R1/1211	W1/1211	35.29	20.36	14.93	42.31	R1/1211	W1/1211		1.47	1.47	1.01	1.01	0.46	31.49
WELFORD COURT						WELFORD COURT								
R1/1300	DW1/1300	33.23	31.22	2.01	6.05	R1/1300	DW1/1300		0.89	0.89	0.85	0.85	0.05	5.15
R2/1300	W2/1300	33.37	31.23	2.14	6.41	R2/1300	W2/1300		1.96	1.96	1.85	1.85	0.11	5.65
R3/1300	W3/1300	33.17	30.92	2.25	6.78	R3/1300	W3/1300		1.97	1.97	1.86	1.86	0.12	5.93
R4/1300	DW4/1300	32.45	30.10	2.35	7.24	R4/1300	DW4/1300		1.04	1.04	0.98	0.98	0.06	5.94
R5/1300	DW5/1300	32.36	29.89	2.47	7.63	R5/1300	DW5/1300		1.05	1.05	0.98	0.98	0.07	6.32
R6/1300	W6/1300	33.10	30.42	2.68	8.10	R6/1300	W6/1300		1.97	1.97	1.84	1.84	0.14	6.99
R7/1300	W7/1300	33.19	30.31	2.88	8.68	R7/1300	W7/1300		1.53	1.53	1.41	1.41	0.12	7.61
R8/1300	W8/1300	32.78	29.77	3.01	9.18	R8/1300	W8/1300		0.27		0.25			
R8/1300	DW9/1300	32.61	29.66	2.95	9.05	R8/1300	DW9/1300		0.97	1.24	0.90	1.14	0.10	7.96
R9/1300	W10/1300	32.70	29.65	3.05	9.33	R9/1300	W10/1300		0.27		0.25			
R9/1300	DW11/1300	32.71	29.70	3.01	9.20	R9/1300	DW11/1300		0.97	1.24	0.90	1.14	0.10	8.13
R10/1300	W12/1300	33.40	30.32	3.08	9.22	R10/1300	W12/1300		1.53	1.53	1.40	1.40	0.13	8.19
R11/1300	W13/1300	33.45	30.27	3.18	9.51	R11/1300	W13/1300		1.99	1.99	1.82	1.82	0.16	8.20
R12/1300	DW14/1300	32.88	29.66	3.22	9.79	R12/1300	DW14/1300		1.06	1.06	0.97	0.97	0.09	8.34
R13/1300	DW15/1300	32.98	29.65	3.33	10.10	R13/1300	DW15/1300		1.05	1.05	0.96	0.96	0.09	8.56
R14/1300	W16/1300	33.84	30.32	3.52	10.40	R14/1300	W16/1300		2.02	2.02	1.83	1.83	0.18	9.12
R15/1300	W17/1300	34.15	30.47	3.68	10.78	R15/1300	W17/1300		2.00	2.00	1.82	1.82	0.19	9.34
R16/1300	DW18/1300	32.91	29.51	3.40	10.33	R16/1300	DW18/1300		0.90	0.90	0.82	0.82	0.08	8.75
R1/1301	W1/1301	35.47	32.73	2.74	7.72	R1/1301	W1/1301		1.60	1.60	1.48	1.48	0.11	7.02
R2/1301	W2/1301	35.45	32.61	2.84	8.01	R2/1301	W2/1301		2.39	2.39	2.22	2.22	0.17	7.20
R3/1301	W3/1301	35.19	32.22	2.97	8.44	R3/1301	W3/1301		2.39	2.39	2.21	2.21	0.18	7.54
R4/1301	W4/1301	20.90	17.77	3.13	14.98	R4/1301	W4/1301		1.29	1.29	1.14	1.14	0.15	11.87
R5/1301	W5/1301	20.68	17.46	3.22	15.57	R5/1301	W5/1301		1.29	1.29	1.13	1.13	0.16	12.35
R6/1301	W6/1301	35.21	31.86	3.35	9.51	R6/1301	W6/1301		2.39	2.39	2.19	2.19	0.20	8.44
R7/1301	W7/1301	35.29	31.74	3.55	10.06	R7/1301	W7/1301		1.86	1.86	1.70	1.70	0.17	8.97

CAMDEN LOCK VILLAGE
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Vertical Sky Component						Average Daylight Factor							
									Existing		Proposed		
Room	Window	Existing	Proposed	Loss	%	Room	Window	Room Use	ADF	Total	ADF	Total	Loss	%
R8/1301	W8/1301	21.28	17.65	3.63	17.06	R8/1301	W8/1301		1.71	1.71	1.49	1.49	0.23	13.16
R9/1301	W9/1301	21.30	17.59	3.71	17.42	R9/1301	W9/1301		1.71	1.71	1.48	1.48	0.23	13.53
R10/1301	W10/1301	35.47	31.76	3.71	10.46	R10/1301	W10/1301		1.88	1.88	1.70	1.70	0.18	9.48
R11/1301	W11/1301	35.49	31.76	3.73	10.51	R11/1301	W11/1301		2.42	2.42	2.20	2.20	0.23	9.33
R12/1301	W12/1301	21.46	17.67	3.79	17.66	R12/1301	W12/1301		1.33	1.33	1.14	1.14	0.19	14.33
R13/1301	W13/1301	21.53	17.70	3.83	17.79	R13/1301	W13/1301		1.32	1.32	1.13	1.13	0.19	14.38
R14/1301	W14/1301	35.78	31.90	3.88	10.84	R14/1301	W14/1301		2.46	2.46	2.22	2.22	0.24	9.71
R15/1301	W15/1301	36.14	32.22	3.92	10.85	R15/1301	W15/1301		2.46	2.46	2.22	2.22	0.24	9.74
R16/1301	W16/1301	36.25	32.27	3.98	10.98	R16/1301	W16/1301		1.66	1.66	1.49	1.49	0.17	9.96
R1/1302	DW1/1302	38.82	38.59	0.23	0.59	R1/1302	DW1/1302		0.91		0.91			
R1/1302	W2/1302	37.18	33.90	3.28	8.82	R1/1302	W2/1302		1.41	2.31	1.29	2.20	0.12	4.98
R2/1302	W3/1302	37.19	33.78	3.41	9.17	R2/1302	W3/1302		2.34	2.34	2.14	2.14	0.20	8.47
R3/1302	W4/1302	37.23	33.68	3.55	9.54	R3/1302	W4/1302		2.35	2.35	2.14	2.14	0.21	8.80
R4/1302	DW5/1302	37.12	33.47	3.65	9.83	R4/1302	DW5/1302		1.17	1.17	1.07	1.07	0.10	8.90
R5/1302	DW6/1302	37.13	33.39	3.74	10.07	R5/1302	DW6/1302		1.17	1.17	1.07	1.07	0.11	9.21
R6/1302	W7/1302	37.34	33.43	3.91	10.47	R6/1302	W7/1302		2.36	2.36	2.13	2.13	0.23	9.58
R7/1302	W8/1302	37.39	33.35	4.04	10.81	R7/1302	W8/1302		1.80	1.80	1.62	1.62	0.18	9.96
R8/1302	W9/1302	37.41	33.29	4.12	11.01	R8/1302	W9/1302		0.32		0.28			
R8/1302	DW10/1302	37.27	33.21	4.06	10.89	R8/1302	DW10/1302		1.06	1.38	0.96	1.24	0.14	10.43
R9/1302	DW11/1302	37.33	33.16	4.17	11.17	R9/1302	DW11/1302		1.06		0.95			
R9/1302	W12/1302	37.47	33.25	4.22	11.26	R9/1302	W12/1302		0.32	1.38	0.28	1.23	0.15	10.66
R10/1302	W13/1302	37.52	33.34	4.18	11.14	R10/1302	W13/1302		1.85	1.85	1.66	1.66	0.19	10.38
R11/1302	W14/1302	37.55	33.37	4.18	11.13	R11/1302	W14/1302		2.37	2.37	2.13	2.13	0.24	10.26
R12/1302	DW15/1302	37.47	33.30	4.17	11.13	R12/1302	DW15/1302		1.18	1.18	1.06	1.06	0.12	10.17
R13/1302	DW16/1302	37.52	33.34	4.18	11.14	R13/1302	DW16/1302		1.18	1.18	1.05	1.05	0.12	10.30
R14/1302	W17/1302	37.70	33.54	4.16	11.03	R14/1302	W17/1302		2.39	2.39	2.15	2.15	0.24	10.16
R15/1302	W18/1302	37.75	33.65	4.10	10.86	R15/1302	W18/1302		2.37	2.37	2.13	2.13	0.24	10.00
R16/1302	W19/1302	37.81	33.75	4.06	10.74	R16/1302	W19/1302		1.43		1.28			
R16/1302	DW20/1302	36.14	35.68	0.46	1.27	R16/1302	DW20/1302		0.99	2.41	0.98	2.26	0.15	6.26
R1/1303	W1/1303	36.73	33.06	3.67	9.99	R1/1303	W1/1303		1.66	1.66	1.51	1.51	0.15	9.27
R2/1303	W2/1303	36.78	32.95	3.83	10.41	R2/1303	W2/1303		2.49	2.49	2.26	2.26	0.24	9.54
R3/1303	W3/1303	36.81	32.85	3.96	10.76	R3/1303	W3/1303		2.51	2.51	2.26	2.26	0.25	9.90
R4/1303	W4/1303	36.70	32.65	4.05	11.04	R4/1303	W4/1303		1.97	1.97	1.77	1.77	0.20	10.12
R5/1303	W5/1303	36.74	32.63	4.11	11.19	R5/1303	W5/1303		1.94	1.94	1.74	1.74	0.20	10.29
R6/1303	W6/1303	36.74	32.58	4.16	11.32	R6/1303	W6/1303		2.51	2.51	2.25	2.25	0.26	10.31
R7/1303	W7/1303	36.75	32.55	4.20	11.43	R7/1303	W7/1303		1.91	1.91	1.71	1.71	0.20	10.52
R8/1303	W8/1303	36.73	32.53	4.20	11.43	R8/1303	W8/1303		2.55	2.55	2.28	2.28	0.27	10.53
R9/1303	W9/1303	36.71	32.48	4.23	11.52	R9/1303	W9/1303		2.49	2.49	2.23	2.23	0.26	10.53
R10/1303	W10/1303	36.81	32.61	4.20	11.41	R10/1303	W10/1303		1.94	1.94	1.74	1.74	0.21	10.56

CAMDEN LOCK VILLAGE
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Vertical Sky Component						Average Daylight Factor								
									Existing		Proposed			
Room	Window	Existing	Proposed	Loss	%	Room	Window	Room Use	ADF	Total	ADF	Total	Loss	%
R11/1303	W11/1303	36.82	32.65	4.17	11.33	R11/1303	W11/1303		2.54	2.54	2.27	2.27	0.26	10.37
R12/1303	W12/1303	36.84	32.71	4.13	11.21	R12/1303	W12/1303		1.98	1.98	1.78	1.78	0.21	10.39
R13/1303	W13/1303	36.88	32.80	4.08	11.06	R13/1303	W13/1303		1.97	1.97	1.77	1.77	0.20	10.21
R14/1303	W14/1303	36.88	32.90	3.98	10.79	R14/1303	W14/1303		2.52	2.52	2.27	2.27	0.25	9.85
R15/1303	W15/1303	36.87	33.03	3.84	10.41	R15/1303	W15/1303		2.51	2.51	2.27	2.27	0.24	9.54
R16/1303	W16/1303	36.85	33.13	3.72	10.09	R16/1303	W16/1303		1.66	1.66	1.51	1.51	0.16	9.32
BRADFIELD COURT						BRADFIELD COURT								
R1/1400	W1/1400	35.51	34.39	1.12	3.15	R1/1400	W1/1400		2.31	2.31	2.25	2.25	0.06	2.64
R2/1400	W2/1400	35.59	34.37	1.22	3.43	R2/1400	W2/1400		1.81	1.81	1.76	1.76	0.05	2.65
R3/1400	W3/1400	35.66	34.33	1.33	3.73	R3/1400	W3/1400		2.08	2.08	2.02	2.02	0.07	3.17
R4/1400	W4/1400	21.40	19.08	2.32	10.84	R4/1400	W4/1400		1.40	1.40	1.28	1.28	0.12	8.70
R5/1400	W5/1400	34.96	32.62	2.34	6.69	R5/1400	W5/1400		1.99	1.99	1.87	1.87	0.12	6.02
R6/1400	W6/1400	34.80	32.59	2.21	6.35	R6/1400	W6/1400		1.79	1.79	1.69	1.69	0.10	5.65
R7/1400	W7/1400	34.45	32.39	2.06	5.98	R7/1400	W7/1400		1.77	1.77	1.68	1.68	0.09	5.31
R8/1400	W8/1400	33.61	31.72	1.89	5.62	R8/1400	W8/1400		1.91	1.91	1.81	1.81	0.09	4.88
R1/1401	W1/1401	36.58	35.46	1.12	3.06	R1/1401	W1/1401		2.32	2.32	2.26	2.26	0.06	2.63
R2/1401	W2/1401	36.65	35.44	1.21	3.30	R2/1401	W2/1401		1.81	1.81	1.76	1.76	0.05	2.65
R3/1401	W3/1401	36.72	35.42	1.30	3.54	R3/1401	W3/1401		2.04		1.98			
R3/1401	DW4/1401	30.77	28.31	2.46	7.99	R3/1401	DW4/1401		0.84	2.88	0.79	2.76	0.12	4.06
R4/1401	W5/1401	22.73	20.55	2.18	9.59	R4/1401	W5/1401		1.49	1.49	1.38	1.38	0.11	7.58
R5/1401	W6/1401	36.80	34.57	2.23	6.06	R5/1401	W6/1401		2.06	2.06	1.94	1.94	0.12	5.64
R6/1401	W7/1401	36.74	34.62	2.12	5.77	R6/1401	W7/1401		1.85	1.85	1.75	1.75	0.10	5.31
R7/1401	W8/1401	36.60	34.60	2.00	5.46	R7/1401	W8/1401		1.84	1.84	1.74	1.74	0.09	5.01
R8/1401	W9/1401	36.20	34.34	1.86	5.14	R8/1401	W9/1401		2.01	2.01	1.92	1.92	0.09	4.68
R1/1402	W1/1402	37.61	36.52	1.09	2.90	R1/1402	W1/1402		2.45	2.45	2.39	2.39	0.06	2.57
R2/1402	W2/1402	37.67	36.50	1.17	3.11	R2/1402	W2/1402		1.89	1.89	1.84	1.84	0.05	2.64
R3/1402	W3/1402	37.74	36.48	1.26	3.34	R3/1402	W3/1402		2.19	2.19	2.12	2.12	0.07	3.02
R4/1402	W4/1402	23.45	21.41	2.04	8.70	R4/1402	W4/1402		1.48	1.48	1.37	1.37	0.10	6.97
R5/1402	W5/1402	38.33	36.13	2.20	5.74	R5/1402	W5/1402		2.12	2.12	2.00	2.00	0.12	5.52
R6/1402	W6/1402	38.35	36.26	2.09	5.45	R6/1402	W6/1402		1.91	1.91	1.81	1.81	0.10	5.14
R7/1402	W7/1402	38.36	36.40	1.96	5.11	R7/1402	W7/1402		1.90	1.90	1.81	1.81	0.09	4.89
R8/1402	W8/1402	38.38	36.55	1.83	4.77	R8/1402	W8/1402		2.13	2.13	2.03	2.03	0.10	4.61
R1/1403	W1/1403	38.34	37.40	0.94	2.45	R1/1403	W1/1403		2.43	2.43	2.37	2.37	0.05	2.22
R2/1403	W2/1403	38.39	37.37	1.02	2.66	R2/1403	W2/1403		1.89	1.89	1.85	1.85	0.04	2.33
R3/1403	W3/1403	38.44	37.34	1.10	2.86	R3/1403	W3/1403		2.14		2.08			
R3/1403	DW4/1403	34.56	32.67	1.89	5.47	R3/1403	DW4/1403		0.90	3.03	0.85	2.93	0.10	3.33
R4/1403	W5/1403	24.86	23.25	1.61	6.48	R4/1403	W5/1403		1.53	1.53	1.45	1.45	0.08	5.18

CAMDEN LOCK VILLAGE
LONDON
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Vertical Sky Component						Average Daylight Factor							
									Existing		Proposed		
Room	Window	Existing	Proposed	Loss	%	Room	Window	Room Use	ADF	Total	ADF	Total	Loss	%
R5/1403	W6/1403	39.03	37.26	1.77	4.53	R5/1403	W6/1403		2.17	2.17	2.08	2.08	0.10	4.37
R6/1403	W7/1403	39.01	37.34	1.67	4.28	R6/1403	W7/1403		1.94	1.94	1.86	1.86	0.08	4.12
R7/1403	W8/1403	39.01	37.43	1.58	4.05	R7/1403	W8/1403		1.94	1.94	1.86	1.86	0.08	3.92
R8/1403	W9/1403	39.02	37.55	1.47	3.77	R8/1403	W9/1403		2.15	2.15	2.07	2.07	0.08	3.77
R1/1404	W1/1404	37.64	36.86	0.78	2.07	R1/1404	W1/1404		2.58	2.58	2.53	2.53	0.05	1.94
R2/1404	W2/1404	37.42	36.58	0.84	2.24	R2/1404	W2/1404		2.00	2.00	1.96	1.96	0.04	2.00
R3/1404	W3/1404	37.18	36.28	0.90	2.42	R3/1404	W3/1404		2.26	2.26	2.21	2.21	0.05	2.25
R4/1404	W4/1404	28.40	27.25	1.15	4.05	R4/1404	W4/1404		1.80	1.80	1.73	1.73	0.06	3.51
R5/1404	W5/1404	37.57	36.31	1.26	3.35	R5/1404	W5/1404		2.22	2.22	2.15	2.15	0.07	3.16
R6/1404	W6/1404	37.57	36.35	1.22	3.25	R6/1404	W6/1404		2.02	2.02	1.96	1.96	0.06	3.07
R7/1404	W7/1404	37.54	36.38	1.16	3.09	R7/1404	W7/1404		2.04	2.04	1.98	1.98	0.06	2.94
R8/1404	W8/1404	37.47	36.37	1.10	2.94	R8/1404	W8/1404		2.21	2.21	2.14	2.14	0.06	2.86
QUINN'S PH						QUINN'S PH								
R1/1501	W1/1501	36.85	35.32	1.53	4.15	R1/1501	W1/1501		1.46		1.41			
R1/1501	W2/1501	36.86	35.38	1.48	4.02	R1/1501	W2/1501		1.43	2.89	1.38	2.80	0.10	3.35
R2/1501	W3/1501	36.91	35.46	1.45	3.93	R2/1501	W3/1501		1.52		1.47			
R2/1501	W4/1501	36.94	35.52	1.42	3.84	R2/1501	W4/1501		1.49	3.01	1.45	2.92	0.09	3.12
R3/1501	W5/1501	36.97	35.63	1.34	3.62	R3/1501	W5/1501		1.52		1.48			
R3/1501	W6/1501	37.01	35.76	1.25	3.38	R3/1501	W6/1501		1.53	3.05	1.48	2.96	0.09	2.82
R4/1501	W7/1501	37.01	35.85	1.16	3.13	R4/1501	W7/1501		1.72		1.67			
R4/1501	W8/1501	36.99	35.99	1.00	2.70	R4/1501	W8/1501		1.72	3.43	1.68	3.36	0.08	2.24
KENTISH TOWN ROAD, 63						KENTISH TOWN ROAD, 63								
R1/1600	W1/1600	35.29	33.48	1.81	5.13	R1/1600	W1/1600		2.05	2.05	1.96	1.96	0.09	4.35
R2/1600	W2/1600	35.47	33.42	2.05	5.78	R2/1600	W2/1600		2.54	2.54	2.41	2.41	0.13	5.00
R1/1601	W1/1601	36.21	34.34	1.87	5.16	R1/1601	W1/1601		1.69	1.69	1.62	1.62	0.08	4.49
R2/1601	W2/1601	34.96	32.88	2.08	5.95	R2/1601	W2/1601		2.57	2.57	2.44	2.44	0.13	5.17
R1/1610	W1/1610	63.91	63.31	0.60	0.94	R1/1610	W1/1610		13.41	13.41	13.34	13.34	0.07	0.48
KENTISH TOWN ROAD, 61						KENTISH TOWN ROAD, 61								
R1/1700	W1/1700	3.92	3.92	0.00	0.00	R1/1700	W1/1700		0.00	0.00	0.00	0.00	0.00	-
R2/1700	W2/1700	9.13	9.11	0.02	0.22	R2/1700	W2/1700		0.69	0.69	0.69	0.69	0.00	0.00
R3/1700	W3/1700	13.85	13.76	0.09	0.65	R3/1700	W3/1700		1.00	1.00	1.00	1.00	0.00	0.00
R1/1701	W1/1701	35.61	33.25	2.36	6.63	R1/1701	W1/1701		1.68		1.58			
R1/1701	W2/1701	35.53	32.99	2.54	7.15	R1/1701	W2/1701		1.20	2.88	1.12	2.70	0.17	6.05
R2/1701	W3/1701	35.10	32.50	2.60	7.41	R2/1701	W3/1701		1.97	1.97	1.84	1.84	0.13	6.69
R1/1702	W1/1702	34.06	31.72	2.34	6.87	R1/1702	W1/1702		2.05	2.05	1.93	1.93	0.12	5.89
R2/1702	W2/1702	36.62	34.01	2.61	7.13	R2/1702	W2/1702		1.48		1.39			
R2/1702	W3/1702	34.50	33.69	0.81	2.35	R2/1702	W3/1702		0.17	1.65	0.17	1.56	0.09	5.70
KENTISH TOWN ROAD, 59						KENTISH TOWN ROAD, 59								
R1/1800	W1/1800	3.68	0.86	2.82	76.63	R1/1800	W1/1800		0.24		0.03			
R1/1800	W2/1800	2.45	0.20	2.25	91.84	R1/1800	W2/1800		0.07	0.32	0.00	0.03	0.28	89.87

Vertical Sky Component						Average Daylight Factor							
									Existing		Proposed		
Room	Window	Existing	Proposed	Loss	%	Room	Window	Room Use	ADF	Total	ADF	Total	Loss	%
R2/1800	W3/1800	4.37	1.08	3.29	75.29	R2/1800	W3/1800		0.26	0.26	0.03	0.03	0.23	88.37
R1/1801	W2/1801	35.46	31.93	3.53	9.95	R1/1801	W2/1801		1.34	1.34	1.23	1.23	0.11	8.49
R2/1801	W3/1801	34.26	30.60	3.66	10.68	R2/1801	W3/1801		2.10		1.91			
R2/1801	W4/1801	31.44	27.72	3.72	11.83	R2/1801	W4/1801		0.38	2.48	0.31	2.22	0.26	10.29
R3/1801	W1/1801	18.65	18.60	0.05	0.27	R3/1801	W1/1801		0.21	0.21	0.21	0.21	0.00	0.00
R1/1802	W1/1802	36.30	33.35	2.95	8.13	R1/1802	W1/1802		1.01	1.01	0.93	0.93	0.08	7.72
R2/1802	W2/1802	34.33	31.59	2.74	7.98	R2/1802	W2/1802		2.03	2.03	1.88	1.88	0.15	7.54
KENTISH TOWN ROAD, 57						KENTISH TOWN ROAD, 57								
R1/1900	W1/1900	31.05	27.50	3.55	11.43	R1/1900	W1/1900		2.49		2.26			
R1/1900	W2/1900	30.73	27.15	3.58	11.65	R1/1900	W2/1900		0.56	3.06	0.50	2.76	0.30	9.79
R1/1901	W1/1901	35.01	31.16	3.85	11.00	R1/1901	W1/1901		4.03		3.66			
R1/1901	W2/1901	35.00	30.98	4.02	11.49	R1/1901	W2/1901		4.17	8.19	3.77	7.42	0.77	9.39
R2/1901	W3/1901	11.66	10.96	0.70	6.00	R2/1901	W3/1901		0.56	0.56	0.56	0.56	0.01	0.89
R1/1902	W1/1902	33.18	29.91	3.27	9.86	R1/1902	W1/1902		2.30	2.30	2.11	2.11	0.19	8.27
R2/1902	W2/1902	36.00	32.57	3.43	9.53	R2/1902	W2/1902		1.56	1.56	1.42	1.42	0.14	8.78
KENTISH TOWN ROAD, 55						KENTISH TOWN ROAD, 55								
R1/2000	W1/2000	4.78	2.65	2.13	44.56	R1/2000	W1/2000		0.79	0.79	0.64	0.64	0.15	18.78
R2/2000	W2/2000	22.13	19.42	2.71	12.25	R2/2000	W2/2000		1.63	1.63	1.50	1.50	0.14	8.27
R1/2001	W1/2001	28.44	25.83	2.61	9.18	R1/2001	W1/2001		1.91	1.91	1.78	1.78	0.13	6.82
R2/2001	W2/2001	30.77	27.77	3.00	9.75	R2/2001	W2/2001		2.04	2.04	1.89	1.89	0.15	7.37
R1/2002	W1/2002	34.84	31.48	3.36	9.64	R1/2002	W1/2002		1.98	1.98	1.82	1.82	0.16	8.00
R2/2002	W2/2002	34.14	30.80	3.34	9.78	R2/2002	W2/2002		1.97	1.97	1.81	1.81	0.16	8.22
R1/2003	W1/2003	38.65	35.94	2.71	7.01	R1/2003	W1/2003		1.82	1.82	1.71	1.71	0.12	6.37
R2/2003	W2/2003	38.47	35.74	2.73	7.10	R2/2003	W2/2003		1.82	1.82	1.70	1.70	0.12	6.64
R1/2010	W1/2010	32.50	28.75	3.75	11.54	R1/2010	W1/2010		2.94		2.66			
R1/2010	W3/2010	33.06	29.20	3.86	11.68	R1/2010	W3/2010		0.39	3.33	0.34	3.00	0.33	9.94
R2/2010	W2/2010	33.14	29.27	3.87	11.68	R2/2010	W2/2010		1.91	1.91	1.70	1.70	0.21	10.74
R1/2011	W1/2011	35.35	31.27	4.08	11.54	R1/2011	W1/2011		1.85		1.66			
R1/2011	W2/2011	35.35	31.25	4.10	11.60	R1/2011	W2/2011		1.13	2.98	1.01	2.67	0.31	10.41
R1/2012	W1/2012	35.99	32.32	3.67	10.20	R1/2012	W1/2012		2.93	2.93	2.68	2.68	0.25	8.67
KENTISH TOWN ROAD, 53						KENTISH TOWN ROAD, 53								
R1/2201	W1/2201	33.62	30.44	3.18	9.46	R1/2201	W1/2201		2.64	2.64	2.42	2.42	0.21	8.04
R1/2202	W1/2202	36.87	33.20	3.67	9.95	R1/2202	W1/2202		2.32	2.32	2.13	2.13	0.19	8.08
R1/2203	W1/2203	34.69	31.71	2.98	8.59	R1/2203	W1/2203		0.72	0.72	0.67	0.67	0.05	7.25
R1/2210	W1/2210	23.63	20.77	2.86	12.10	R1/2210	W1/2210		0.21		0.18			
R1/2210	W2/2210	3.71	3.31	0.40	10.78	R1/2210	W2/2210		0.29	0.50	0.23	0.41	0.09	17.37
R1/2211	W1/2211	33.75	30.49	3.26	9.66	R1/2211	W1/2211		0.25		0.21			
R1/2211	W2/2211	31.15	28.15	3.00	9.63	R1/2211	W2/2211		2.15	2.40	1.97	2.18	0.22	9.00
R1/2212	W1/2212	35.59	32.14	3.45	9.69	R1/2212	W1/2212		2.18	2.18	2.01	2.01	0.17	7.97
KENTISH TOWN ROAD, 51						KENTISH TOWN ROAD, 51								

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Vertical Sky Component						Average Daylight Factor							
									Existing		Proposed		
Room	Window	Existing	Proposed	Loss	%	Room	Window	Room Use	ADF	Total	ADF	Total	Loss	%
R1/2300	W1/2300	21.45	19.17	2.28	10.63	R1/2300	W1/2300		1.03	1.03	0.95	0.95	0.08	7.50
R2/2300	W2/2300	8.25	8.22	0.03	0.36	R2/2300	W2/2300		0.23		0.23			
R2/2300	W3/2300	7.77	7.74	0.03	0.39	R2/2300	W3/2300		0.22	0.45	0.22	0.45	0.00	0.00
R1/2301	W1/2301	30.06	27.29	2.77	9.21	R1/2301	W1/2301		2.44	2.44	2.27	2.27	0.17	7.06
R2/2301	W2/2301	13.51	13.46	0.05	0.37	R2/2301	W2/2301		0.71		0.71			
R2/2301	W3/2301	12.87	12.83	0.04	0.31	R2/2301	W3/2301		0.69	1.40	0.69	1.40	0.00	0.00
R1/2302	W1/2302	35.58	32.30	3.28	9.22	R1/2302	W1/2302		2.22	2.22	2.06	2.06	0.16	7.20
R2/2302	W2/2302	34.37	34.19	0.18	0.52	R2/2302	W2/2302		2.09	2.09	2.09	2.09	0.00	0.00
R1/2303	W1/2303	34.33	30.93	3.40	9.90	R1/2303	W1/2303		0.71	0.71	0.65	0.65	0.05	7.52
R2/2303	W2/2303	33.40	33.23	0.17	0.51	R2/2303	W2/2303		0.67	0.67	0.67	0.67	0.00	0.00
R1/2310	W1/2310	1.70	1.70	0.00	0.00	R1/2310	W1/2310		0.19		0.19			
R1/2310	W2/2310	21.30	19.88	1.42	6.67	R1/2310	W2/2310		0.20	0.38	0.18	0.36	0.02	4.96
R1/2311	W1/2311	32.50	29.54	2.96	9.11	R1/2311	W1/2311		0.25	0.25	0.22	0.22	0.04	13.83
R1/2312	W1/2312	35.06	31.77	3.29	9.38	R1/2312	W1/2312		2.19	2.19	2.02	2.02	0.17	7.69
R1/2320	W1/2320	9.12	9.09	0.03	0.33	R1/2320	W1/2320		0.08		0.08			
R1/2320	W2/2320	9.88	9.85	0.03	0.30	R1/2320	W2/2320		0.24		0.24			
R1/2320	W3/2320	9.19	9.16	0.03	0.33	R1/2320	W3/2320		0.87	1.20	0.87	1.20	0.00	0.00
R2/2320	W4/2320	8.25	8.23	0.02	0.24	R2/2320	W4/2320		0.70		0.70			
R2/2320	W5/2320	25.63	25.63	0.00	0.00	R2/2320	W5/2320		4.40	5.11	4.40	5.11	0.00	0.00
CAMDEN GARDENS, 53-55						CAMDEN GARDENS, 53-55								
R1/2400	W1/2400	34.33	34.11	0.22	0.64	R1/2400	W1/2400		0.18		0.18			
R1/2400	W2/2400	31.95	29.13	2.82	8.83	R1/2400	W2/2400		2.96	3.14	2.75	2.93	0.21	6.69
R2/2400	W3/2400	32.24	29.28	2.96	9.18	R2/2400	W3/2400		0.34	0.34	0.30	0.30	0.04	12.06
R3/2400	W4/2400	32.56	29.57	2.99	9.18	R3/2400	W4/2400		0.34	0.34	0.30	0.30	0.04	12.21
R4/2400	W5/2400	31.75	29.21	2.54	8.00	R4/2400	W5/2400		2.93	2.93	2.73	2.73	0.20	6.86
R1/2401	W3/2401	34.85	31.86	2.99	8.58	R1/2401	W3/2401		1.82		1.69			
R1/2401	W4/2401	29.44	29.32	0.12	0.41	R1/2401	W4/2401		1.62	3.44	1.62	3.31	0.14	3.92
R2/2401	W1/2401	35.46	35.16	0.30	0.85	R2/2401	W1/2401		1.90		1.90			
R2/2401	W2/2401	34.20	31.24	2.96	8.65	R2/2401	W2/2401		1.80	3.70	1.67	3.56	0.14	3.78
R1/2402	W3/2402	36.18	33.27	2.91	8.04	R1/2402	W3/2402		4.00		3.72			
R1/2402	W4/2402	20.91	20.80	0.11	0.53	R1/2402	W4/2402		1.72	5.73	1.72	5.44	0.29	5.10
R2/2402	W1/2402	22.64	22.34	0.30	1.33	R2/2402	W1/2402		1.85		1.83			
R2/2402	W2/2402	35.97	32.99	2.98	8.28	R2/2402	W2/2402		4.06	5.91	3.77	5.60	0.31	5.31
CAMDEN GARDENS, 47-52						CAMDEN GARDENS, 47-52								
R1/2500	W1/2500	19.92	19.67	0.25	1.26	R1/2500	W1/2500		1.25		1.24			
R1/2500	W2/2500	16.44	15.98	0.46	2.80	R1/2500	W2/2500		1.11	2.35	1.09	2.33	0.02	0.89
R2/2500	W3/2500	34.15	32.08	2.07	6.06	R2/2500	W3/2500		0.36	0.36	0.33	0.33	0.03	7.32
R3/2500	W4/2500	34.69	32.65	2.04	5.88	R3/2500	W4/2500		0.36	0.36	0.33	0.33	0.02	6.72
R4/2500	W5/2500	34.52	34.45	0.07	0.20	R4/2500	W5/2500		1.79		1.79			
R4/2500	W6/2500	34.30	34.24	0.06	0.17	R4/2500	W6/2500		1.79	3.58	1.79	3.58	0.00	0.03
R1/2501	W1/2501	14.72	14.22	0.50	3.40	R1/2501	W1/2501		1.22		1.18			
R1/2501	W2/2501	36.06	34.07	1.99	5.52	R1/2501	W2/2501		4.12	5.34	3.92	5.10	0.24	4.42
R2/2501	W3/2501	36.69	34.84	1.85	5.04	R2/2501	W3/2501		4.19		3.99			
R2/2501	W4/2501	21.09	21.03	0.06	0.28	R2/2501	W4/2501		1.59	5.78	1.59	5.58	0.20	3.44

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Vertical Sky Component						Average Daylight Factor							
									Existing		Proposed		
Room	Window	Existing	Proposed	Loss	%	Room	Window	Room Use	ADF	Total	ADF	Total	Loss	%
CAMDEN HIGH STREET,248						**CAMDEN HIGH STREET,248**							
R1/3100	**W1/3100**	34.55	31.70	2.85	8.25	**R1/3100**	**W1/3100**		0.85	0.85	0.80	0.80	0.05	6.11
R1/3101	**W1/3101**	39.37	36.97	2.40	6.10	**R1/3101**	**W1/3101**		1.41	1.41	1.34	1.34	0.07	5.04
R1/3110	**W1/3110**	35.92	32.72	3.20	8.91	**R1/3110**	**W1/3110**		0.87	0.87	0.82	0.82	0.06	6.53
R1/3111	**W1/3111**	38.89	36.12	2.77	7.12	**R1/3111**	**W1/3111**		0.90	0.90	0.85	0.85	0.05	5.47
CAMDEN HIGH STREET,246						**CAMDEN HIGH STREET,246**							
R1/3000	**W1/3000**	36.50	35.18	1.32	3.62	**R1/3000**	**W1/3000**		0.83		0.80			
R1/3000	**W2/3000**	36.66	35.19	1.47	4.01	**R1/3000**	**W2/3000**		1.16	1.99	1.12	1.93	0.06	3.17
R1/3001	**W1/3001**	39.29	37.11	2.18	5.55	**R1/3001**	**W1/3001**		0.70		0.66			
R1/3001	**W2/3001**	39.13	36.87	2.26	5.78	**R1/3001**	**W2/3001**		1.75	2.45	1.66	2.33	0.12	4.94
R2/3001	**W3/3001**	39.29	36.99	2.30	5.85	**R2/3001**	**W3/3001**		0.69	0.69	0.66	0.66	0.03	4.63
R1/3002	**W1/3002**	39.56	37.74	1.82	4.60	**R1/3002**	**W1/3002**		1.62	1.62	1.55	1.55	0.07	4.27
R2/3002	**W2/3002**	39.56	37.68	1.88	4.75	**R2/3002**	**W2/3002**		0.73	0.73	0.71	0.71	0.03	3.95

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Room / Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
CHALK FARM ROAD, 10						
R3/300		119.7	104.5	104.5	0.0	0.0
R3/301		119.7	115.1	115.1	0.0	0.0
R1/302		206.6	205.9	205.9	0.0	0.0
R2/302		119.7	117.5	117.5	0.0	0.0
R1/303		206.6	205.9	205.9	0.0	0.0
R2/303		119.7	117.0	117.0	0.0	0.0
R1/306		63.4	61.7	61.7	0.0	0.0
R1/307		63.4	61.7	61.7	0.0	0.0
CHALK FARM ROAD,11						
R1/310		122.3	109.0	109.0	0.0	0.0
R1/311		122.3	120.0	120.0	0.0	0.0
R1/312		122.3	120.0	120.0	0.0	0.0
R1/313		122.3	119.6	119.6	0.0	0.0
R1/316		46.2	35.4	35.4	0.0	0.0
R1/317		65.5	63.5	63.5	0.0	0.0
R1/318		65.5	62.4	62.4	0.0	0.0
CHALK FARM ROAD,12						
R1/320		44.1	32.1	32.1	0.0	0.0
R1/321		78.5	76.7	76.7	0.0	0.0
R1/322		78.5	76.3	76.3	0.0	0.0
R1/325		131.1	105.7	105.7	0.0	0.0
R1/326		131.1	127.6	127.6	0.0	0.0
R1/327		131.1	127.8	127.8	0.0	0.0
R1/328		131.1	127.4	127.4	0.0	0.0
CHALK FARM ROAD,13						
R1/330		115.1	97.0	97.0	0.0	0.0
R1/331		115.1	111.5	111.5	0.0	0.0
R1/332		115.1	113.2	113.2	0.0	0.0
R1/333		115.1	113.4	113.4	0.0	0.0
R1/336		62.0	17.1	17.1	0.0	0.0
R1/337		69.4	58.0	58.0	0.0	0.0
R1/338		69.4	67.2	67.2	0.0	0.0
CHALK FARM ROAD,14						
R1/341		25.8	13.0	13.0	0.0	0.0

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Room / Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
LEYBOURNE STREET, 1-25						
R1/400		153.5	129.1	129.1	0.0	0.0
R2/400		67.8	52.9	52.3	0.6	1.1
R3/400		48.4	33.4	28.7	4.7	14.1
R4/400		134.4	127.2	126.9	0.4	0.3
R5/400		186.1	179.3	175.5	3.8	2.1
R6/400	HALL	50.4	44.9	44.9	0.0	0.0
R7/400	HALL	50.4	45.1	44.0	1.1	2.4
R8/400		167.6	162.3	162.3	0.0	0.0
R9/400		167.7	165.0	164.9	0.1	0.1
R1/401		153.5	141.9	141.9	0.0	0.0
R2/401		67.8	57.3	57.0	0.3	0.5
R3/401		48.4	40.6	35.3	5.2	12.8
R4/401		134.4	127.2	124.4	2.8	2.2
R5/401		114.3	112.5	112.5	0.0	0.0
R6/401	HALL	37.2	0.0	0.0	0.0	0.0
R7/401	HALL	39.7	0.0	0.0	0.0	0.0
R8/401		110.0	108.5	108.5	0.0	0.0
R9/401		107.0	104.6	104.6	0.0	0.0
R10/401	HALL	37.2	0.0	0.0	0.0	0.0
R11/401	HALL	39.7	0.0	0.0	0.0	0.0
R12/401		108.6	106.8	106.8	0.0	0.0
R1/402		146.5	143.4	141.8	1.6	1.1
R2/402		51.7	47.0	46.7	0.3	0.6
R3/402		134.4	127.5	127.5	0.0	0.0
R4/402		174.5	171.8	171.8	0.0	0.0
R5/402		169.5	167.1	167.1	0.0	0.0
R6/402		167.6	165.3	165.3	0.0	0.0
R7/402		167.7	165.3	165.3	0.0	0.0
R1/403		156.4	146.6	146.6	0.0	0.0
R2/403		154.0	144.0	140.3	3.8	2.6
R3/403		174.8	168.1	167.0	1.1	0.7
R4/403		169.5	159.0	158.9	0.1	0.1
R5/403		167.6	164.0	164.0	0.0	0.0
R6/403		172.3	167.4	167.4	0.0	0.0
R1/410	HALL	24.3	5.1	5.0	0.1	2.0
R1/411		48.0	38.4	36.8	1.6	4.2
CASTLEHAVEN ROAD, 20A						
R1/800	KITCHEN	136.5	120.7	116.7	4.0	3.3
R1/801	LIVINGROOM	350.9	339.4	333.0	6.3	1.9
R1/802	BEDROOM	143.0	138.3	131.0	7.2	5.2
CASTLEHAVEN ROAD, 22						
R2/800	KITCHEN	136.6	131.8	130.4	1.4	1.1
R2/801	LIVINGROOM	350.7	344.1	342.0	2.2	0.6
R2/802	BEDROOM	143.1	136.1	134.0	2.1	1.5

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Room / Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
CASTLEHAVEN ROAD, 22A						
R1/900	KITCHEN	91.7	84.5	68.8	15.7	18.6
R1/901	LIVINGROOM	271.3	266.3	249.0	17.3	6.5
R2/901	BATHROOM	37.2	35.5	35.5	0.0	0.0
R1/902	LIVINGROOM	172.6	167.7	162.5	5.2	3.1
R2/902	BATHROOM	105.7	101.6	87.6	13.9	13.7
R1/903	BEDROOM	172.6	169.3	166.3	3.0	1.8
R2/903	BATHROOM	105.7	102.1	81.6	20.4	20.0
CASTLEHAVEN ROAD, 22B						
R1/1000	KITCHEN	131.6	125.9	120.5	5.4	4.3
R1/1001	LIVINGROOM	351.7	342.8	339.6	3.2	0.9
R1/1002	BEDROOM	141.6	132.0	126.7	5.3	4.0
CASTLEHAVEN ROAD, 22C						
R2/1000	KITCHEN	134.5	131.9	127.0	4.9	3.7
R2/1001	LIVINGROOM	350.5	344.1	337.2	6.9	2.0
R2/1002	BEDROOM	141.6	137.5	128.2	9.4	6.8
HAWLEY ROAD, 21						
R1/1100		131.3	126.1	110.8	15.3	12.1
R1/1101		131.3	127.1	114.2	13.0	10.2
R1/1102		131.3	126.8	119.0	7.8	6.2
R1/1103		101.6	98.3	89.7	8.6	8.7
R2/1103		99.8	97.1	90.5	6.6	6.8
R1/1110		36.1	33.2	26.6	6.6	19.9
R1/1111		86.8	84.5	82.4	2.1	2.5
HAWLEY ROAD, 19						
R1/1200		132.9	126.4	110.5	15.9	12.6
R1/1201		132.9	128.4	111.2	17.2	13.4
R1/1202		132.9	128.4	115.5	12.9	10.0
R1/1203		101.0	98.8	86.5	12.3	12.4
R2/1203		100.6	97.5	86.4	11.1	11.4
R3/1203		20.6	19.3	19.3	0.0	0.0
R1/1210		36.1	33.1	28.0	5.1	15.4
R1/1211		87.0	84.7	77.7	7.0	8.3
WELFORD COURT						
R1/1300		120.8	116.5	116.1	0.4	0.3
R2/1300		110.3	106.1	106.1	0.0	0.0
R3/1300		109.7	105.5	105.5	0.0	0.0
R4/1300		95.5	93.7	93.7	0.0	0.0

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Room / Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R5/1300		95.1	93.3	93.3	0.0	0.0
R6/1300		109.6	105.5	105.5	0.0	0.0
R7/1300		96.2	92.4	92.4	0.0	0.0
R8/1300		108.5	105.2	105.2	0.0	0.0
R9/1300		108.8	105.5	105.5	0.0	0.0
R10/1300		96.8	92.9	92.9	0.0	0.0
R11/1300		109.8	105.7	105.7	0.0	0.0
R12/1300		95.3	93.5	91.9	1.6	1.7
R13/1300		96.1	94.2	92.4	1.8	1.9
R14/1300		108.9	104.8	104.8	0.0	0.0
R15/1300		110.4	106.2	106.2	0.0	0.0
R16/1300		119.5	115.1	113.2	1.9	1.7
R1/1301		119.4	115.6	115.6	0.0	0.0
R2/1301		110.3	108.8	108.8	0.0	0.0
R3/1301		109.7	108.2	108.2	0.0	0.0
R4/1301		94.1	92.6	92.6	0.0	0.0
R5/1301		93.7	92.2	92.2	0.0	0.0
R6/1301		109.6	108.2	108.2	0.0	0.0
R7/1301		96.2	94.7	94.6	0.1	0.1
R8/1301		107.5	106.7	106.7	0.0	0.0
R9/1301		107.8	106.7	106.7	0.0	0.0
R10/1301		96.8	95.3	95.3	0.0	0.0
R11/1301		109.8	108.6	108.6	0.0	0.0
R12/1301		94.0	92.5	92.5	0.0	0.0
R13/1301		94.7	93.2	93.2	0.0	0.0
R14/1301		108.9	107.8	107.8	0.0	0.0
R15/1301		110.4	109.2	109.2	0.0	0.0
R16/1301		118.1	114.4	114.4	0.0	0.0
R1/1302		136.3	134.5	134.5	0.0	0.0
R2/1302		110.3	108.1	108.1	0.0	0.0
R3/1302		109.7	107.5	107.5	0.0	0.0
R4/1302		95.5	94.0	94.0	0.0	0.0
R5/1302		95.1	93.6	93.6	0.0	0.0
R6/1302		109.6	107.4	107.4	0.0	0.0
R7/1302		96.2	94.0	94.0	0.0	0.0
R8/1302		108.5	105.7	105.7	0.0	0.0
R9/1302		108.8	105.8	105.8	0.0	0.0
R10/1302		96.8	94.6	94.6	0.0	0.0
R11/1302		109.8	107.9	107.9	0.0	0.0
R12/1302		95.3	93.8	92.9	0.9	1.0
R13/1302		96.1	94.7	93.4	1.3	1.4
R14/1302		108.9	107.0	107.0	0.0	0.0
R15/1302		110.4	108.2	108.2	0.0	0.0
R16/1302		134.7	132.9	132.9	0.0	0.0
R1/1303		119.4	115.6	115.6	0.0	0.0
R2/1303		110.3	109.1	109.1	0.0	0.0
R3/1303		109.7	108.2	108.2	0.0	0.0
R4/1303		94.1	92.0	92.0	0.0	0.0
R5/1303		93.7	92.2	92.2	0.0	0.0
R6/1303		109.6	107.4	107.4	0.0	0.0
R7/1303		96.2	94.5	94.5	0.0	0.0
R8/1303		107.5	105.6	105.6	0.0	0.0
R9/1303		107.8	105.9	105.9	0.0	0.0
R10/1303		96.8	95.3	95.3	0.0	0.0

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R11/1303		109.8	108.4	108.4	0.0	0.0
R12/1303		94.0	92.5	92.5	0.0	0.0
R13/1303		94.7	93.2	93.2	0.0	0.0
R14/1303		108.9	107.8	107.8	0.0	0.0
R15/1303		110.4	109.2	109.2	0.0	0.0
R16/1303		118.1	113.9	113.9	0.0	0.0
BRADFIELD COURT						
R1/1400		111.9	110.2	110.2	0.0	0.0
R2/1400		94.9	92.7	92.7	0.0	0.0
R3/1400		129.9	126.7	126.7	0.0	0.0
R4/1400		86.3	80.0	80.0	0.0	0.0
R5/1400		136.0	133.4	133.4	0.0	0.0
R6/1400		93.7	91.7	91.7	0.0	0.0
R7/1400		93.3	91.3	91.3	0.0	0.0
R8/1400		137.3	134.4	134.4	0.0	0.0
R1/1401		111.9	110.2	110.2	0.0	0.0
R2/1401		94.9	92.7	92.7	0.0	0.0
R3/1401		131.3	129.2	129.2	0.0	0.0
R4/1401		86.3	79.5	79.5	0.0	0.0
R5/1401		136.0	133.4	133.4	0.0	0.0
R6/1401		93.7	91.7	91.7	0.0	0.0
R7/1401		93.3	91.3	91.3	0.0	0.0
R8/1401		137.3	134.4	134.4	0.0	0.0
R1/1402		111.9	110.2	110.2	0.0	0.0
R2/1402		94.9	92.7	92.7	0.0	0.0
R3/1402		129.9	126.9	126.9	0.0	0.0
R4/1402		86.3	80.0	80.0	0.0	0.0
R5/1402		136.0	133.4	133.4	0.0	0.0
R6/1402		93.7	91.7	91.7	0.0	0.0
R7/1402		93.3	91.3	91.3	0.0	0.0
R8/1402		137.3	134.4	134.4	0.0	0.0
R1/1403		111.9	110.2	110.2	0.0	0.0
R2/1403		94.9	92.7	92.7	0.0	0.0
R3/1403		131.3	129.2	129.2	0.0	0.0
R4/1403		86.3	81.2	81.2	0.0	0.0
R5/1403		136.0	133.4	133.4	0.0	0.0
R6/1403		93.7	91.7	91.7	0.0	0.0
R7/1403		93.3	91.3	91.3	0.0	0.0
R8/1403		137.3	134.4	134.4	0.0	0.0
R1/1404		111.9	110.2	110.2	0.0	0.0
R2/1404		94.9	92.7	92.7	0.0	0.0
R3/1404		129.9	126.9	126.9	0.0	0.0
R4/1404		86.3	80.9	80.9	0.0	0.0
R5/1404		136.0	133.4	133.4	0.0	0.0
R6/1404		93.7	91.7	91.7	0.0	0.0
R7/1404		93.3	91.3	91.3	0.0	0.0
R8/1404		137.3	134.4	134.4	0.0	0.0

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QUINN'S PH						
R1/1501		173.9	170.0	170.0	0.0	0.0
R2/1501		162.9	158.8	158.8	0.0	0.0
R3/1501		158.7	155.3	155.3	0.0	0.0
R4/1501		134.0	131.7	131.7	0.0	0.0
KENTISH TOWN ROAD, 63						
R1/1600		97.9	91.6	91.6	0.0	0.0
R2/1600		96.2	91.8	91.8	0.0	0.0
R1/1601		97.9	91.6	91.6	0.0	0.0
R2/1601		96.2	92.3	92.3	0.0	0.0
R1/1610		161.9	161.9	161.9	0.0	0.0
KENTISH TOWN ROAD, 61						
R1/1700		96.2	1.4	1.4	0.0	0.0
R2/1700		97.4	23.6	23.6	0.0	0.0
R3/1700		96.2	61.3	61.3	0.0	0.0
R1/1701		131.4	126.6	126.6	0.0	0.0
R2/1701		62.2	60.2	60.2	0.0	0.0
R1/1702		96.2	91.9	91.9	0.0	0.0
R2/1702		97.4	94.9	94.9	0.0	0.0
KENTISH TOWN ROAD, 59						
R1/1800		133.9	115.1	48.5	66.6	57.9
R2/1800		138.3	97.4	41.0	56.3	57.8
R1/1801		134.0	129.4	129.4	0.0	0.0
R2/1801		138.3	135.8	135.8	0.0	0.0
R3/1801		58.1	24.3	24.3	0.0	0.0
R1/1802		92.1	84.1	83.8	0.3	0.4
R2/1802		90.0	83.8	83.8	0.0	0.0
KENTISH TOWN ROAD, 57						
R1/1900		189.0	186.2	184.7	1.6	0.9
R1/1901		189.0	188.0	188.0	0.0	0.0
R2/1901		48.4	22.3	22.3	0.0	0.0
R1/1902		111.0	107.2	107.2	0.0	0.0
R2/1902		48.4	46.7	46.7	0.0	0.0
KENTISH TOWN ROAD, 55						
R1/2000		134.1	110.1	110.1	0.0	0.0
R2/2000		134.1	104.6	104.6	0.0	0.0
R1/2001		134.1	127.5	127.5	0.0	0.0
R2/2001		134.1	127.3	127.3	0.0	0.0

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R1/2002		134.1	127.9	127.9	0.0	0.0
R2/2002		134.1	127.3	127.3	0.0	0.0
R1/2003		141.0	108.4	108.4	0.0	0.0
R2/2003		141.0	108.4	108.1	0.3	0.3
R1/2010		50.0	50.0	50.0	0.0	0.0
R2/2010		37.3	36.3	36.3	0.0	0.0
R1/2011		88.8	87.8	87.8	0.0	0.0
R1/2012		50.4	50.1	50.1	0.0	0.0
KENTISH TOWN ROAD, 53						
R1/2201		160.3	154.8	154.8	0.0	0.0
R1/2202		160.3	152.9	152.9	0.0	0.0
R1/2203		160.3	135.9	135.4	0.6	0.4
R1/2210		66.5	61.5	40.7	20.8	33.8
R1/2211		66.5	64.7	64.7	0.0	0.0
R1/2212		81.5	80.3	80.3	0.0	0.0
KENTISH TOWN ROAD, 51						
R1/2300		162.1	134.2	121.3	12.9	9.6
R2/2300		171.1	18.6	18.6	0.0	0.0
R1/2301		162.1	156.0	156.0	0.0	0.0
R2/2301		171.1	69.6	69.6	0.0	0.0
R1/2302		162.1	155.5	155.5	0.0	0.0
R2/2302		171.1	164.5	164.5	0.0	0.0
R1/2303		162.1	134.5	134.5	0.0	0.0
R2/2303		171.1	143.9	143.5	0.4	0.3
R1/2310		65.3	54.3	42.0	12.3	22.7
R1/2311		65.3	53.4	53.4	0.0	0.0
R1/2312		80.0	78.7	78.7	0.0	0.0
R1/2320		165.3	89.7	89.7	0.0	0.0
R2/2320		203.9	203.5	203.5	0.0	0.0
CAMDEN GARDENS, 53-55						
R1/2400		137.9	137.5	137.5	0.0	0.0
R2/2400		63.0	53.1	42.0	11.0	20.7
R3/2400		63.0	57.0	50.2	6.8	11.9
R4/2400		138.3	135.7	132.5	3.2	2.4
R1/2401		232.5	227.8	226.4	1.4	0.6
R2/2401		232.0	230.5	230.5	0.0	0.0
R1/2402		232.5	230.7	230.7	0.0	0.0
R2/2402		232.0	229.9	229.9	0.0	0.0

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CAMDEN GARDENS, 47-52						
R1/2500		189.9	179.7	176.9	2.8	1.6
R2/2500		64.6	57.8	57.8	0.0	0.0
R3/2500		64.6	57.7	57.7	0.0	0.0
R4/2500		191.0	186.9	186.9	0.0	0.0
R1/2501		258.5	258.5	258.5	0.0	0.0
R2/2501		259.5	257.2	257.2	0.0	0.0
CAMDEN HIGH STREET,248						
R1/3100		101.5	98.8	98.8	0.0	0.0
R1/3101		101.5	97.7	97.7	0.0	0.0
R1/3110		99.7	98.0	98.0	0.0	0.0
R1/3111		99.7	98.0	98.0	0.0	0.0
CAMDEN HIGH STREET,246						
R1/3000		146.9	144.7	144.7	0.0	0.0
R1/3001		106.9	106.5	106.5	0.0	0.0
R2/3001		98.8	95.2	95.2	0.0	0.0
R1/3002		106.9	105.4	105.4	0.0	0.0
R2/3002		98.8	95.2	95.2	0.0	0.0

Eastern Parameter
Annual Probable Sunlight Hours (APSH)

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Room	Window	Room Use	Window: Existing Winter APSH	Window: Existing Annual APSH	Window: Proposed Winter APSH	Window: Proposed Annual APSH	Winter %Loss	Annual %Loss
CHALK FARM ROAD, 10								
R1/302	**W1/302**		5	41	5	41	0.0	0.0
R1/302	**W2/302**		0	36	0	36	-	0.0
R1/302	**W3/302**		0	39	0	39	-	0.0
R1/303	**W1/303**		16	52	16	52	0.0	0.0
R1/303	**W2/303**		16	52	16	52	0.0	0.0
R1/303	**W3/303**		17	55	17	55	0.0	0.0
CHALK FARM ROAD,11								
R1/316	**W1/316**		2	17	2	17	0.0	0.0
CHALK FARM ROAD,13								
R1/336	**W1/336**		3	19	2	18	33.3	5.3
CHALK FARM ROAD,14								
R1/341	**W1/341**		3	10	2	9	33.3	10.0
LEYBOURNE STREET, 1-25								
R1/400	**W1/400**		6	24	6	24	0.0	0.0
R2/400	**W2/400**		8	27	7	23	12.5	14.8
R3/400	**W3/400**		7	27	6	20	14.3	25.9
R1/401	**W1/401**		13	51	13	51	0.0	0.0
R2/401	**W2/401**		9	32	9	30	0.0	6.3
R3/401	**W3/401**		6	30	6	24	0.0	20.0
R1/402	**W1/402**		19	58	19	58	0.0	0.0
R1/402	**W2/402**		11	36	11	35	0.0	2.8
R2/402	**W3/402**		7	34	7	30	0.0	11.8
R1/403	**W1/403**		22	64	22	64	0.0	0.0
R1/403	**W2/403**		22	64	22	64	0.0	0.0
R1/410	**W1/410**	HALL	2	5	2	2	0.0	60.0
R1/411	**W1/411**		9	36	9	30	0.0	16.7

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Room	Window	Room Use	Window Existing Winter APSH	Window Existing Annual APSH	Window Proposed Winter APSH	Window Proposed Annual APSH	Winter %Loss	Annual %Loss
CASTLEHAVEN ROAD, 20A								
R1/800	**W1/800**	KITCHEN	3	38	1	30	66.7	21.1
R1/801	**W1/801**	LIVINGROOM	7	45	4	37	42.9	17.8
R1/802	**W1/802**	BEDROOM	19	53	8	38	57.9	28.3
CASTLEHAVEN ROAD, 22								
R2/800	**W2/800**	KITCHEN	8	45	4	36	50.0	20.0
R2/801	**W2/801**	LIVINGROOM	14	51	8	40	42.9	21.6
R2/802	**W2/802**	BEDROOM	20	52	9	39	55.0	25.0
CASTLEHAVEN ROAD, 22A								
R1/900	**W1/900**	KITCHEN	14	43	8	32	42.9	25.6
R1/901	**W1/901**	LIVINGROOM	18	54	8	40	55.6	25.9
R2/901	**W2/901**	BATHROOM	16	46	9	36	43.8	21.7
R1/902	**W1/902**	LIVINGROOM	20	57	11	46	45.0	19.3
R2/902	**W2/902**	BATHROOM	16	46	10	39	37.5	15.2
R1/903	**W1/903**	BEDROOM	20	53	11	42	45.0	20.8
R2/903	**W2/903**	BATHROOM	16	48	10	41	37.5	14.6
CASTLEHAVEN ROAD, 22B								
R1/1000	**W1/1000**	KITCHEN	19	56	9	43	52.6	23.2
R1/1001	**W1/1001**	LIVINGROOM	26	63	9	43	65.4	31.7
R1/1002	**W1/1002**	BEDROOM	27	51	12	34	55.6	33.3
CASTLEHAVEN ROAD, 22C								
R2/1000	**W2/1000**	KITCHEN	22	63	8	44	63.6	30.2
R2/1001	**W2/1001**	LIVINGROOM	26	69	9	49	65.4	29.0
R2/1002	**W2/1002**	BEDROOM	28	58	10	39	64.3	32.8

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HAWLEY ROAD, 21								
R1/1100	**W1/1100**		17	32	6	19	64.7	40.6
R1/1100	**W2/1100**		15	30	5	19	66.7	36.7
R1/1101	**W1/1101**		24	62	10	43	58.3	30.6
R1/1102	**W1/1102**		25	60	11	43	56.0	28.3
R1/1103	**W1/1103**		27	67	14	53	48.1	20.9
R2/1103	**W2/1103**		30	75	15	56	50.0	25.3
R1/1110	**W1/1110**		18	51	6	35	66.7	31.4
R1/1111	**W1/1111**		24	56	10	41	58.3	26.8
HAWLEY ROAD, 19								
R1/1200	**W1/1200**		16	31	5	19	68.8	38.7
R1/1200	**W2/1200**		15	33	5	23	66.7	30.3
R1/1201	**W1/1201**		23	61	7	36	69.6	41.0
R1/1202	**W1/1202**		25	60	10	40	60.0	33.3
R1/1203	**W1/1203**		30	76	12	52	60.0	31.6
R2/1203	**W2/1203**		27	67	12	46	55.6	31.3
R3/1203	**W3/1203**		0	10	0	13	-	-30.0
R1/1210	**W1/1210**		21	54	4	30	81.0	44.4
R1/1211	**W1/1211**		24	56	9	36	62.5	35.7
WELFORD COURT								
R1/1300	**DW1/1300**		22	59	18	55	18.2	6.8
R2/1300	**W2/1300**		26	66	20	60	23.1	9.1
R3/1300	**W3/1300**		28	68	21	61	25.0	10.3
R4/1300	**DW4/1300**		24	61	18	55	25.0	9.8
R5/1300	**DW5/1300**		23	60	18	55	21.7	8.3
R6/1300	**W6/1300**		25	65	20	60	20.0	7.7

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Room	Window	Room Use	Window Existing Winter APSH	Window Existing Annual APSH	Window Proposed Winter APSH	Window Proposed Annual APSH	Winter %Loss	Annual %Loss
R7/1300	W7/1300		22	60	16	54	27.3	10.0
R8/1300	W8/1300		18	37	13	32	27.8	13.5
R8/1300	DW9/1300		23	59	18	54	21.7	8.5
R9/1300	W10/1300		18	37	12	31	33.3	16.2
R9/1300	DW11/1300		23	59	17	53	26.1	10.2
R10/1300	W12/1300		22	60	17	55	22.7	8.3
R11/1300	W13/1300		26	66	22	62	15.4	6.1
R12/1300	DW14/1300		23	60	18	55	21.7	8.3
R13/1300	DW15/1300		24	61	20	57	16.7	6.6
R14/1300	W16/1300		28	68	24	64	14.3	5.9
R15/1300	W17/1300		28	68	21	61	25.0	10.3
R16/1300	DW18/1300		23	60	16	53	30.4	11.7
R1/1301	W1/1301		26	64	20	58	23.1	9.4
R2/1301	W2/1301		30	70	24	64	20.0	8.6
R3/1301	W3/1301		29	69	23	63	20.7	8.7
R4/1301	W4/1301		22	28	15	21	31.8	25.0
R5/1301	W5/1301		21	27	15	21	28.6	22.2
R6/1301	W6/1301		29	68	23	62	20.7	8.8
R7/1301	W7/1301		25	63	20	58	20.0	7.9
R8/1301	W8/1301		24	32	20	28	16.7	12.5
R9/1301	W9/1301		26	32	19	25	26.9	21.9
R10/1301	W10/1301		26	64	20	58	23.1	9.4
R11/1301	W11/1301		28	68	22	62	21.4	8.8
R12/1301	W12/1301		22	28	17	23	22.7	17.9
R13/1301	W13/1301		22	28	18	24	18.2	14.3

Project No: 2801
Existing v PROP_EAST

CAMDEN LOCK VILLAGE
LONDON
SUNLIGHT ANALYSIS

DEC 2011

Room	Window	Room Use	Window Existing Winter APSH	Window Existing Annual APSH	Window Proposed Winter APSH	Window Proposed Annual APSH	Winter %Loss	Annual %Loss
R14/1301	W14/1301		29	68	25	64	13.8	5.9
R15/1301	W15/1301		29	69	24	64	17.2	7.2
R16/1301	W16/1301		24	62	21	59	12.5	4.8
R1/1302	W2/1302		26	64	23	61	11.5	4.7
R2/1302	W3/1302		30	70	26	66	13.3	5.7
R3/1302	W4/1302		30	70	27	67	10.0	4.3
R4/1302	DW5/1302		26	64	23	61	11.5	4.7
R5/1302	DW6/1302		26	64	23	61	11.5	4.7
R6/1302	W7/1302		30	70	27	67	10.0	4.3
R7/1302	W8/1302		26	64	23	61	11.5	4.7
R8/1302	W9/1302		18	37	16	35	11.1	5.4
R8/1302	DW10/1302		25	61	22	58	12.0	4.9
R9/1302	DW11/1302		26	63	23	60	11.5	4.8
R9/1302	W12/1302		19	39	15	35	21.1	10.3
R10/1302	W13/1302		25	63	21	59	16.0	6.3
R11/1302	W14/1302		29	69	25	65	13.8	5.8
R12/1302	DW15/1302		25	63	21	59	16.0	6.3
R13/1302	DW16/1302		25	63	21	59	16.0	6.3
R14/1302	W17/1302		30	70	27	67	10.0	4.3
R15/1302	W18/1302		30	70	25	65	16.7	7.1
R16/1302	W19/1302		26	63	22	59	15.4	6.3
R16/1302	DW20/1302		9	38	9	38	0.0	0.0
R1/1303	W1/1303		26	54	25	53	3.8	1.9
R2/1303	W2/1303		30	60	29	59	3.3	1.7
R3/1303	W3/1303		30	60	28	58	6.7	3.3
R4/1303	W4/1303		26	54	24	52	7.7	3.7

Project No: 2801
Existing v PROP_EAST

CAMDEN LOCK VILLAGE
LONDON
SUNLIGHT ANALYSIS

DEC 2011

Room	Window	Room Use	Window Existing Winter APSH	Window Existing Annual APSH	Window Proposed Winter APSH	Window Proposed Annual APSH	Winter %Loss	Annual %Loss
R5/1303	W5/1303		26	53	24	51	7.7	3.8
R6/1303	W6/1303		30	60	27	57	10.0	5.0
R7/1303	W7/1303		26	53	23	50	11.5	5.7
R8/1303	W8/1303		30	60	27	57	10.0	5.0
R9/1303	W9/1303		30	60	27	57	10.0	5.0
R10/1303	W10/1303		26	54	23	51	11.5	5.6
R11/1303	W11/1303		30	60	28	58	6.7	3.3
R12/1303	W12/1303		26	54	24	52	7.7	3.7
R13/1303	W13/1303		26	54	24	52	7.7	3.7
R14/1303	W14/1303		30	60	28	58	6.7	3.3
R15/1303	W15/1303		30	60	27	57	10.0	5.0
R16/1303	W16/1303		26	53	23	50	11.5	5.7
BRADFIELD COURT								
R4/1400	W4/1400		16	33	13	30	18.8	9.1
R5/1400	W5/1400		26	66	22	62	15.4	6.1
R6/1400	W6/1400		24	62	22	60	8.3	3.2
R7/1400	W7/1400		24	62	23	61	4.2	1.6
R8/1400	W8/1400		23	63	23	63	0.0	0.0
R3/1401	DW4/1401		23	52	20	49	13.0	5.8
R4/1401	W5/1401		18	36	15	33	16.7	8.3
R5/1401	W6/1401		30	70	28	68	6.7	2.9
R6/1401	W7/1401		25	63	23	61	8.0	3.2
R7/1401	W8/1401		25	63	23	61	8.0	3.2
R8/1401	W9/1401		27	67	24	64	11.1	4.5
R4/1402	W4/1402		18	35	16	33	11.1	5.7

Project No: 2801
Existing v PROP_EAST

CAMDEN LOCK VILLAGE
LONDON
SUNLIGHT ANALYSIS

DEC 2011

Room	Window	Room Use	Window Existing Winter APSH	Window Existing Annual APSH	Window Proposed Winter APSH	Window Proposed Annual APSH	Winter %Loss	Annual %Loss
R5/1402	**W5/1402**		30	70	28	68	6.7	2.9
R6/1402	**W6/1402**		26	64	24	62	7.7	3.1
R7/1402	**W7/1402**		26	64	25	63	3.8	1.6
R8/1402	**W8/1402**		30	70	29	69	3.3	1.4
R3/1403	**DW4/1403**		23	56	21	54	8.7	3.6
R4/1403	**W5/1403**		18	36	16	34	11.1	5.6
R5/1403	**W6/1403**		30	70	28	68	6.7	2.9
R6/1403	**W7/1403**		26	64	25	63	3.8	1.6
R7/1403	**W8/1403**		26	64	25	63	3.8	1.6
R8/1403	**W9/1403**		30	70	29	69	3.3	1.4
R4/1404	**W4/1404**		21	38	20	37	4.8	2.6
R5/1404	**W5/1404**		30	60	29	59	3.3	1.7
R6/1404	**W6/1404**		26	54	25	53	3.8	1.9
R7/1404	**W7/1404**		26	54	25	53	3.8	1.9
R8/1404	**W8/1404**		30	60	29	59	3.3	1.7
QUINN'S PH								
R1/1501	**W1/1501**		24	60	23	59	4.2	1.7
R1/1501	**W2/1501**		24	59	23	58	4.2	1.7
R2/1501	**W3/1501**		25	61	24	60	4.0	1.6
R2/1501	**W4/1501**		25	60	24	59	4.0	1.7
R3/1501	**W5/1501**		24	59	24	59	0.0	0.0
R3/1501	**W6/1501**		24	59	24	59	0.0	0.0
R4/1501	**W7/1501**		24	59	24	59	0.0	0.0
R4/1501	**W8/1501**		25	60	24	59	4.0	1.7

CAMDEN LOCK VILLAGE
LONDON
SUNLIGHT ANALYSIS

Room	Window	Room Use	Window: Existing Winter APSH	Window: Existing Annual APSH	Window: Proposed Winter APSH	Window: Proposed Annual APSH	Winter %Loss	Annual %Loss
KENTISH TOWN ROAD, 61								
R2/1700	**W2/1700**		1	12	1	12	0.0	0.0
R3/1700	**W3/1700**		6	20	6	20	0.0	0.0
R2/1702	**W3/1702**		15	17	15	17	0.0	0.0
KENTISH TOWN ROAD, 57								
R2/1901	**W3/1901**		4	15	4	15	0.0	0.0
KENTISH TOWN ROAD, 51								
R2/2300	**W2/2300**		0	8	0	8	-	0.0
R2/2300	**W3/2300**		0	7	0	7	-	0.0
R2/2301	**W2/2301**		0	22	0	22	-	0.0
R2/2301	**W3/2301**		0	22	0	22	-	0.0
R2/2302	**W2/2302**		7	38	7	38	0.0	0.0
R2/2303	**W2/2303**		6	30	6	30	0.0	0.0
R1/2320	**W1/2320**		0	6	0	6	-	0.0
R1/2320	**W2/2320**		0	8	0	8	-	0.0
R1/2320	**W3/2320**		0	15	0	15	-	0.0
R2/2320	**W4/2320**		0	12	0	12	-	0.0
R2/2320	**W5/2320**		0	24	0	24	-	0.0
CAMDEN GARDENS, 53-55								
R1/2401	**W4/2401**		13	54	13	54	0.0	0.0
R1/2402	**W4/2402**		21	29	21	29	0.0	0.0
CAMDEN GARDENS, 47-52								
R4/2500	**W5/2500**		22	62	22	62	0.0	0.0
R4/2500	**W6/2500**		22	62	22	62	0.0	0.0
R2/2501	**W4/2501**		18	26	18	26	0.0	0.0

Appendix 17.4

Internal Daylight and Sunlight Report and Results
(Western and Eastern Parameters)

Internal Daylight and Sunlight Report
Western Parameter

Camden Lock Village
Project No: 2801

January 1, 2012

DAYLIGHT+SOLAR DESIGN

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Client	Stanley Sidings Ltd
Architect	AHMM & MAKE
Project Title	Camden Lock Village
Project Number	2801
Report Title	Internal Daylight and Sunlight Report - Western Parameter
Dated	January 1, 2012

Written by	Alex Buckley
Checked by	SP
Type	Planning

Revisions		Date:	Notes:	Signed:
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1. Executive Summary

The proposed Camden Lock Village development will provide additional residential accodomation which over all will enjoy good levels of daylight and sunlight. Where an individual room or window has fallen short of the daylight levels recommended by the BRE and the British Standard, they have been commented on in Sections 6.1 and 6.2 of this report.

Overall, 93% of all rooms within the proposed development will achieve daylighting levels which meet or exceed those recommended by the BRE and BS and so we consider the development to be acceptable in terms of daylight and sunlight.

2. Introduction and Objective

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

- To create a 3D computer model of the proposal based upon drawings prepared by MAKE Architects and AHMM Architects.
- Carry out a daylight assessment using the methodologies set out in the BRE guidelines for Daylight Distribution, Room Depth Criterion and Average Daylight Factor.
- Carry out a sunlight assessment using the methodologies set out in the BRE guidelines for Annual Probable Sunlight Hours (APSH) to the fenestration facing within 90 degrees of due south.
- Preparation of a report setting out the analysis and our findings.

3. BRE guidelines

The Building Research Establishment (BRE) have set out in their handbook *Site Layout Planning for Daylight and Sunlight a Guide to Good Practice (2011)*, guidelines and methodology for the measurement and assessment of daylight and sunlight within proposed buildings. This document states that it is also intended to be used in conjunction with the interior daylight recommendations found within the *British Standard BS8206-2:2008* and *The Applications Manual on Window Design* of the Chartered Institution of Building Services Engineers (CIBSE).

The guide also provides advice on site layout planning to determine the quality of daylight and sunlight within open spaces between buildings.

It is important to note, however, that this document is a guide whose stated aim *"is to help rather than constrain the designer".*

The document provides advice, but also clearly states that it *"is not mandatory and this document should not be seen as an instrument of planning policy."* The report acknowledges also in its introduction that *"in special circumstances the developer or planning authority may wish to use different target values. For example, in a historic City centre a higher degree of obstruction may be unavoidable if new developments are to match the height and proportions of existing buildings."*

It is an inevitable consequence of the built up urban environment that daylight and sunlight will be more limited in these areas. It is well acknowledged that in such situations there may be many other conflicting and potentially more important planning and urban design matters to consider other than just the provision of ideal levels of daylight and sunlight.

3.1. Daylight

The BRE set out various methods for assessing the daylight within a proposed building within section 2.1 and Appendix C of the handbook. The summary of this, given at the end of section 2.1 of the guide, states as follows:

> *"in general, a building will retain the potential for good interior defused daylighting provided that on all its main faces:*
>
> *A. No obstruction, measured in a vertical section perpendicular to the main face, from a point two metres above ground level, subtends an angle of more than 25 degrees to the horizontal;*
>
> *Or*
>
> *B. If (A) is not satisfied, then all points on the main face on a line two metres above ground level are within four metres (measured sideways) of a point which has a vertical sky line component of 27% or more."*

3.1.1. Vertical Sky Component (VSC)

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

The VSC method is a useful 'rule of thumb' but has some significant limitations in determining the true quality of daylight within a proposed building. It does not take into account the size of the window, any reflected light off external obstructions, any reflected light within the room, or the use to which that room is put. Appendix C of the guide goes into more detail on these matters and sets forward alternative methods for assessment to overcome these limitations.

Appendix C of the BRE guide: Interior Daylighting Recommendations, states:

> *"The British Standard for daylighting, and the CIBSE Applications manual: window design, contain advice and guidance on interior daylighting. This guide to good practice is intended to be used in conjunction with them, and its guidance is intended to fit in with their recommendations.*
>
> *For skylight, the British Standard and the CIBSE manual put forward three main criteria, based on the average daylight factor, room depth, and the position of the no skyline."*

These assessments are set out below.

3.1.2. Average Daylight Factor (ADF)

> *"If a predominantly daylit appearance is required, then df should be 5% or more if there is no supplementary electric lighting, or 2% or more if supplementary electric lighting is provided. There are additional recommendations for dwellings, of 2% for kitchens, 1.5% for living rooms and 1% for bedrooms. These last are minimum values of Average Daylight Factor, and should be attained even if a predominantly daylit appearance is not required."*

This method of assessment takes into account the total glazed area to the room, the transmittance quality of the glazing proposed, the total area of the room surfaces including ceilings and floors, and the internal average reflectance for the room being assessed. The method also takes into account the Vertical Sky Component and the quantum of reflected light off external surfaces.

This is, therefore, a significantly more detailed method of assessment than the Vertical Sky Component method set out above.

3.1.3. Room Depth Criteria (RDC)

Where it has access to daylight from windows in one wall only, the depth of a room can become a factor in determining the quantity of light within it. The BRE guidance provides a simple method for examining the ratio of room depth to window area. However, whilst it does take into account internal surface reflections, this method also has significant limitations in that it does not take into account any obstructions outside the window and therefore draws no input from the quantity of light entering the room.

3.1.4. No sky line

This third method of assessment is a simple test to establish where within the proposed room the sky will be visible through the windows, taking into account external obstructions. The assessment is undertaken at working plane

height (850mm above floor level) and the method of calculation is set out in Appendix D of the BRE handbook.

Appendix C of the BRE handbook states *"if a significant area of the working plane lies beyond the no skyline (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."* To guarantee a satisfactory daylight uniformity, this area is more precisely quantified in the BS 8206 Part2 2008 as 20%.

3.1.5. Summary

The Average Daylight Factor gives a more detailed assessment of the daylight within a room and takes into account the highest number of factors in establishing a quantitative output.

However, the conclusion of Appendix C of the BRE guide states:

> *"all three of the criteria need to be satisfied if the whole of the room is to look adequately daylit. Even if the amount of daylight in a room (given by the Average Daylight Factor) is sufficient, the overall daylight appearance will be impaired if its distribution is poor."*

In most urban areas it is important to recognise that the distribution of daylight within a room may be difficult to achieve, given the built up nature of the environment. Consequently, most local authorities seek to ensure that there is sufficient daylight within the room as determined by the Average Daylight Factor calculation. However, the additional recommendations of the BRE and British Standard for residential accommodation, set out above, ought not to be overlooked.

3.2. Sunlight

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

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

For modern non-domestic buildings the guide states, *"the requirement for sunlight will vary according to the type of non-domestic building, the aim of the designer and the extent to which the occupants can control their environment. People appreciate sunlight more if they can choose whether or not to be exposed to it, either by changing their positions in the room or by using adjustable shading. Where prolonged access to sunlight is available, shading devices will also be needed to avoid overheating and unwanted glare from the sun."*

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

Again, these factors are of particular relevance when considering developments in urban areas, as the site in question may already be heavily overshadowed by existing surrounding buildings, or it may not be possible to orientate a new building on that site in order to ensure a south facing, or predominantly south facing, aspect due to other urban constraints

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

> *"In general, a dwelling or non-domestic building which has a particular requirement for sunlight, will appear reasonably sunlit provided that:*
>
> - *At least one main window faces within 90 degrees due south;*
>
> *And*
>
> - *On this window wall, all points on a line two metres above ground level are within four metres (measured sideways) of a point which receives at least a quarter of Annual Probable Sunlight Hours including at least 5% of Annual Probable Sunlight Hours during the winter months, between 21 September and 21 March.*
>
> *Clearly where the actual windows within a proposed scheme are known these can be taken as the points for assessment, rather than the two metre line above ground level as referred to above."*

3.3. Overshadowing

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

> *"Sunlight in the spaces between buildings has an important impact on the overall appearance and ambiance of a development. It is valuable for a number of reasons:*
>
> - *To provide attractive sunlit views (all year)*
> - *To make outdoor activities, like sitting out and children's play more pleasant (mainly during the warmer months)*
> - *To encourage plant growth (mainly in spring and summer)*
> - *To dry out the ground, reducing moss and slime (mainly during the colder months)*
> - *To melt frost, ice and snow (in winter)*
> - *To dry clothes (all year)"*

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

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

> *"3. 3 .17 It is recommended that for it to appear adequately sumlit throughout the year, at least half of a garden or amenity area should reteive at least two-*

hours of sunlight on 21 March. If as a result of new development an existing garclen or amenity area does not meet the above, and the area which can receive two hours of sun on 21 March is less than 0.8 times its former value, then the loss of sunlight is likely to be noticeable. If a detailed calculation cannot becarried out, it is recommended that the centre of the area should receive at east two hours of sunlight on 21 March."

3.4. Further relevant information

Further information can be found in *The Daylight in Urban Areas Design Guide* (Energy Saving Trust CE257, 2007) which provides the following recommendation with regards to VSC levels in urban areas:

"If 'theta' (Visible sky angle) is greater than 65º (obstruction angle less than 25ºor VSC at least 27 percent) conventional window design will usually give reasonable results.

If 'theta' is between 45º and 65º(obstruction angle between 25º and 45º, VSC between 15 and 27 percent), special measures such as larger windows and changes to room layout are usually needed to provide adequate daylight.

If 'theta' is between 25º and 45º (obstruction angle between 45º and 65º, VSC from 5 to15 percent.), it is very difficult to provide adequate daylight unless very large windows are used.

If 'theta' is less than 25º (obstruction angle more than 65º, VSC less than 5 percent) it is often impossible to achieve reasonable daylight, even if the whole window wall is glazed."

4. Methodology

In order to undertake the daylight and sunlight assessments set out above, and in accordance with your instructions, we have prepared a three dimensional computer model and used specialist lighting simulation software.

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

4.1. Simulation assumptions

Where no values for reflectance, transmittance and maintenance factor were specified by the designer the following values from *BS 8206-2:2008, Annex A, tables A.1-A.6* were used for the calculation Average Daylight Factor values:

Reflectance values

Surrounding	0.2
Pavement	0.2
Internal walls (light grey)	0.68
Internal ceiling (white paint)	0.85
Internal floor (medium to light veneer)	0.3

Transmittance values:

Double glazing: Pilkington K Glass 4/16/4 Argon filled 90% (Tv=0.75)	0.75
Single glazing: Pilkington Optifloat Clear, Annealed, 4mm (Tv=0.90)	0.90

Maintenance factors

Vertical glazing	0.92
Horizontal glazing	0.76
Framing factor	0.8

5. Sources of information

Internal References:
IR76-80_2801

6. Conclusions on Daylight and Sunlight

6.1. Conclusions on Daylight

The internal daylight assessments undertaken have shown that 475 (93%) of the 512 habitable residential rooms within the proposed Camden Lock Village development meet or exceed the recommended levels of Average Daylight Factor (ADF), the most detailed daylight assessment.

The 37 rooms falling short are spread across the site as follows:

Block	no. of rooms below recommended level of ADF
C1	15
C2	7
D	11
W & X	4

The predominant reasons for rooms falling short include the close proximity of the viaduct to much of the site, the close proximity of blocks to each other in some areas of the site and the provision of private amenity in the form of balconies. All the above lower the level of sky visibility at the affected windows and hence a lower level of daylight ingress is seen to the room behind.

Here it should be noted that the scheme has been designed alongside GIA in order to achieve the best daylighting solution across the site's residential elements. Where possible, this has led to the majority of non-compliant rooms achieving levels marginally below those recommended and being bedrooms located within apartments where the occupants are able to enjoy good levels of daylight elsewhere; such as in the main habitable living room.

Where a kitchen is included within the room, the recommended level of ADF increases to 2%. There are a few rooms (such as that identified as 308 in figure 17) which, although exceeding the 1.5% recommended for Living Rooms, fall short of 2% Kitchen recommendation. In these cases, care has been taken so as to direct the daylight to where it is most needed; such as the kitchen worktops.

Overall we consider the development to work very well in terms of daylight considering the dense urban context.

6.2. Conclusion on Sunlight

All windows within 90 degrees of due south have been assessed for Annual Probable Sunlight Hours (APSH) and the results can be seen in figures 27-42.

With the exception of a few areas, all windows not located behind balconies meet or exceed the 25% total and 5% winter APSH recommended by the BRE. It is expected that, where balconies have been designed, lower levels of daylight and sunlight will be recorded on the windows directly behind and below During the summer months, when sunlight is most appreciated, the private balconies are expected to be utilised in order to enjoy direct sunlight. Where lower values can be seen in the figures, these generally relate either to bedrooms which the BRE state to be of lesser importance or to windows behind and below balconies.

6.3. Summary

The proposed Camden Lock Village development will provide additional residential accodomation which over all will have good levels of daylight and sunlight. Where an individual room or window has fallen short of the daylight levels recommended by the BRE and the British Standard, they have been commented on in Sections 6.1 and 6.2 above.

Overall, 93% of all rooms within the proposed development will achieve daylighting levels which meet or exceed those recommended by the BRE and BS and so we consider the development to be acceptable in terms of daylight and sunlight.

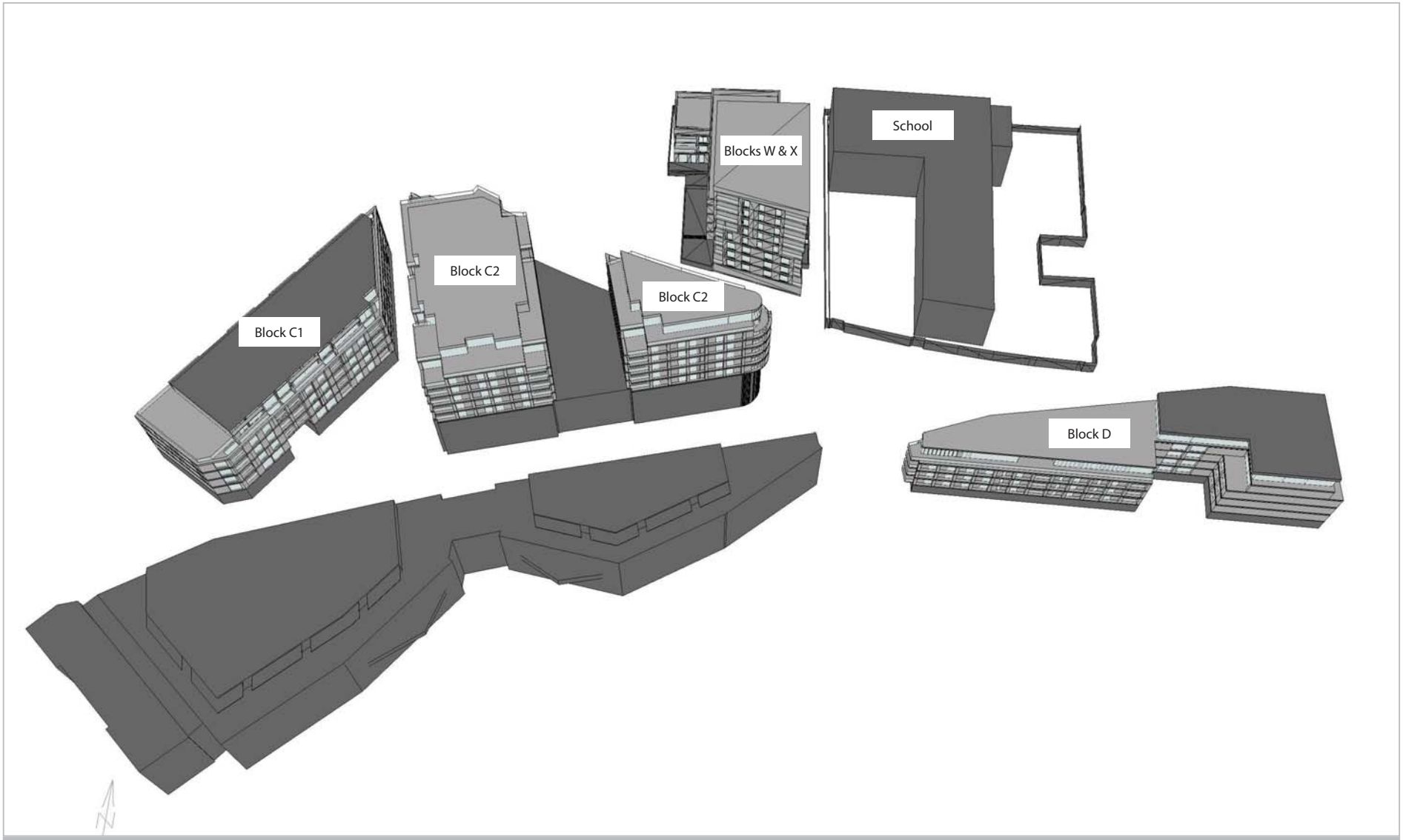


Figure 1: Perspective Overview

Internal Daylight Assessments

Room No.		Daylight Quantum ADF%	Distribution of Daylight NSL%	RDC
Blocks W & X - Ground Floor				
0	L/K/D	1.3	49	Met
1	Bedroom	1.2	68	Met
2	Bedroom	1.3	72	Met
3	L/K/D	1.5	59	Met
4	Bedroom	1	82	Met
5	L/K/D	2.3	91	Met
6	Bedroom	1.1	85	Met
7	Bedroom	1.4	71	Met
8	L/K/D	2.3	100	Met
9	L/K/D	2.2	94	Met
10	Bedroom	2.4	96	Met

Table 1: Assessment Data

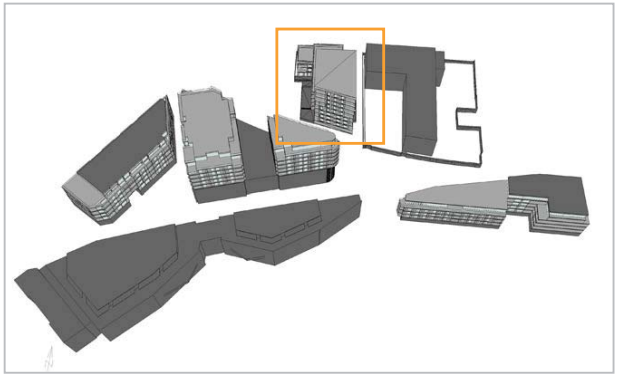


Figure 2: Plan View

Room No.		Daylight Quantum ADF%	Distribution of Daylight NSL%	RDC
Blocks W & X - First Floor				
11	Living Room	2.8	100	N/A
12	Bedroom	1.3	93	Met
13	Bedroom	1.1	92	Met
14	Bedroom	1.1	89	Met
15	Bedroom	1.4	96	Met
16	L/K/D	2.1	100	N/A
17	L/K/D	1.5	99	N/A
18	Bedroom	1.5	74	N/A
19	Bedroom	1.4	98	Met
20	Bedroom	1.2	98	Met
21	Bedroom	1.5	98	Met
22	Living Room	2.6	98	Met
23	Bedroom	1.9	67	Met
24	Living Room	2.1	96	Met
25	Bedroom	2.1	92	N/A
26	Living Room	1.7	92	Met
27	Kitchen	2.9	98	Met
28	Bedroom	1.6	98	Met
29	Bedroom	2.8	100	Met
30	L/K/D	3.8	99	N/A

Table 2: Assessment Data

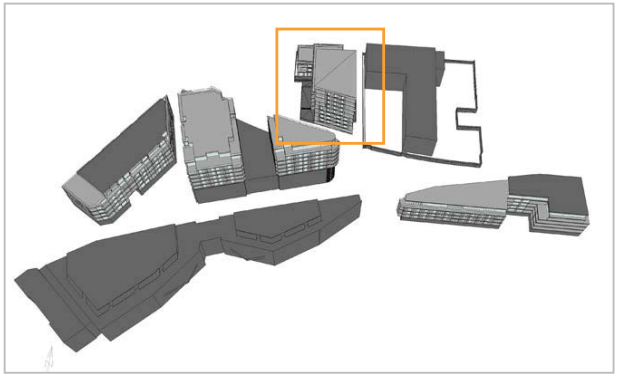


Figure 3: Plan View

		Daylight Quantum	Distribution of Daylight	
Room No.		ADF%	NSL%	RDC
Blocks W & X - Second Floor				
31	L/K/D	2	100	N/A
32	Bedroom	1.7	82	N/A
33	Bedroom	1.9	96	Met
34	Bedroom	2.2	96	Met
35	Bedroom	1.8	98	Met
36	Living Room	3.3	98	Met
37	Living Room	4.8	100	Met
38	Kitchen	1.6	98	Met
39	Bedroom	2.6	94	N/A
40	L/K/D	3	100	Met
41	Bedroom	2.7	96	Met
42	Bedroom	1.7	98	Met
43	Bedroom	3	99	Met
44	L/K/D	4.5	100	N/A
45	Bedroom	2.3	79	Met
46	Bedroom	1.7	90	Met
47	Bedroom	1	85	Met
48	Living Room	1.9	93	N/A
49	Bedroom	1.9	96	Met
50	Bedroom	2	94	Met
51	Bedroom	2	96	Met
52	Bedroom	1.9	97	N/A
53	L/K/D	2.8	100	N/A

Table 3: Assessment Data

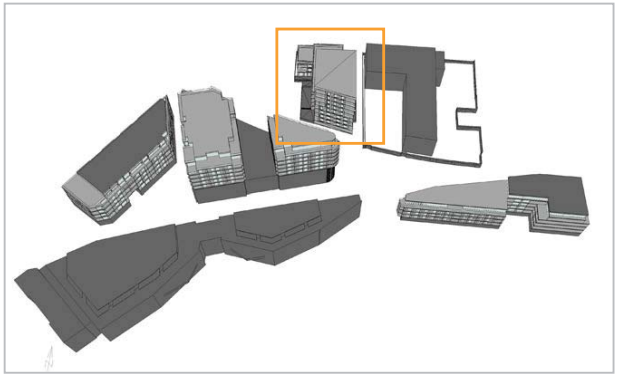


Figure 4: Plan View

Room No.		Daylight Quantum ADF%	Distribution of Daylight NSL%	RDC
Blocks W & X - Third Floor				
54	L/K/D	2.3	100	N/A
55	Bedroom	1.9	88	N/A
56	Bedroom	2	96	Met
57	Bedroom	2.3	96	Met
58	Bedroom	1.8	98	Met
59	Living Room	3.6	98	Met
60	Living Room	5.3	100	Met
61	Kitchen	2.2	98	N/A
62	Bedroom	2.2	96	Met
63	L/K/D	4.3	100	N/A
64	Bedroom	2.7	99	Met
65	Bedroom	2.1	96	Met
66	Bedroom	1.2	96	Met
67	L/K/D	2.3	97	N/A
68	Bedroom	2.1	96	Met
69	Bedroom	2.2	94	Met
70	Bedroom	2.2	96	Met
71	Bedroom	2.1	97	Met
72	L/K/D	3.2	100	N/A

Table 4: Assessment Data

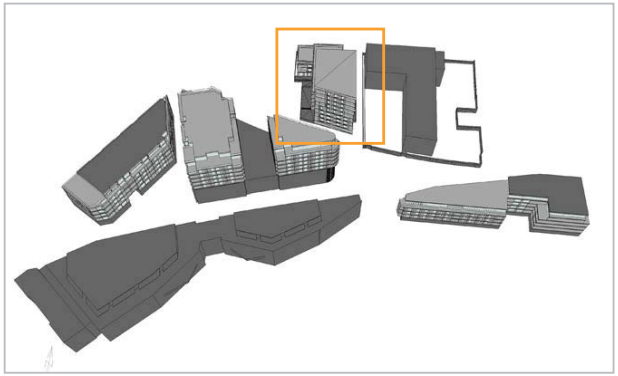
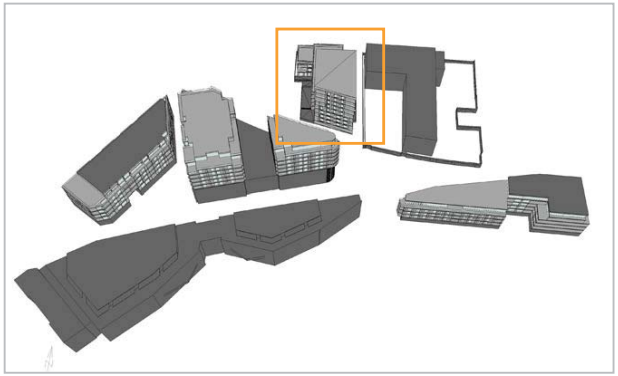


Figure 5: Plan View

Room No.		Daylight Quantum ADF%	Distribution of Daylight NSL%	RDC
Blocks W & X - Fourth Floor				
73	L/K/D	2.9	98	N/A
74	Bedroom	1.2	79	Met
75	Bedroom	1.3	60	Met
76	L/K/D	2.2	88	N/A
77	Bedroom	2.1	96	Met
78	Bedroom	2.5	93	N/A
79	L/K/D	4.1	100	N/A
80	L/K/D	3.4	99	N/A
81	Bedroom	2.5	97	N/A
82	Bedroom	2.4	96	Met
83	Bedroom	2.2	95	Met
84	Bedroom	2.3	97	Met

Table 5: Assessment Data



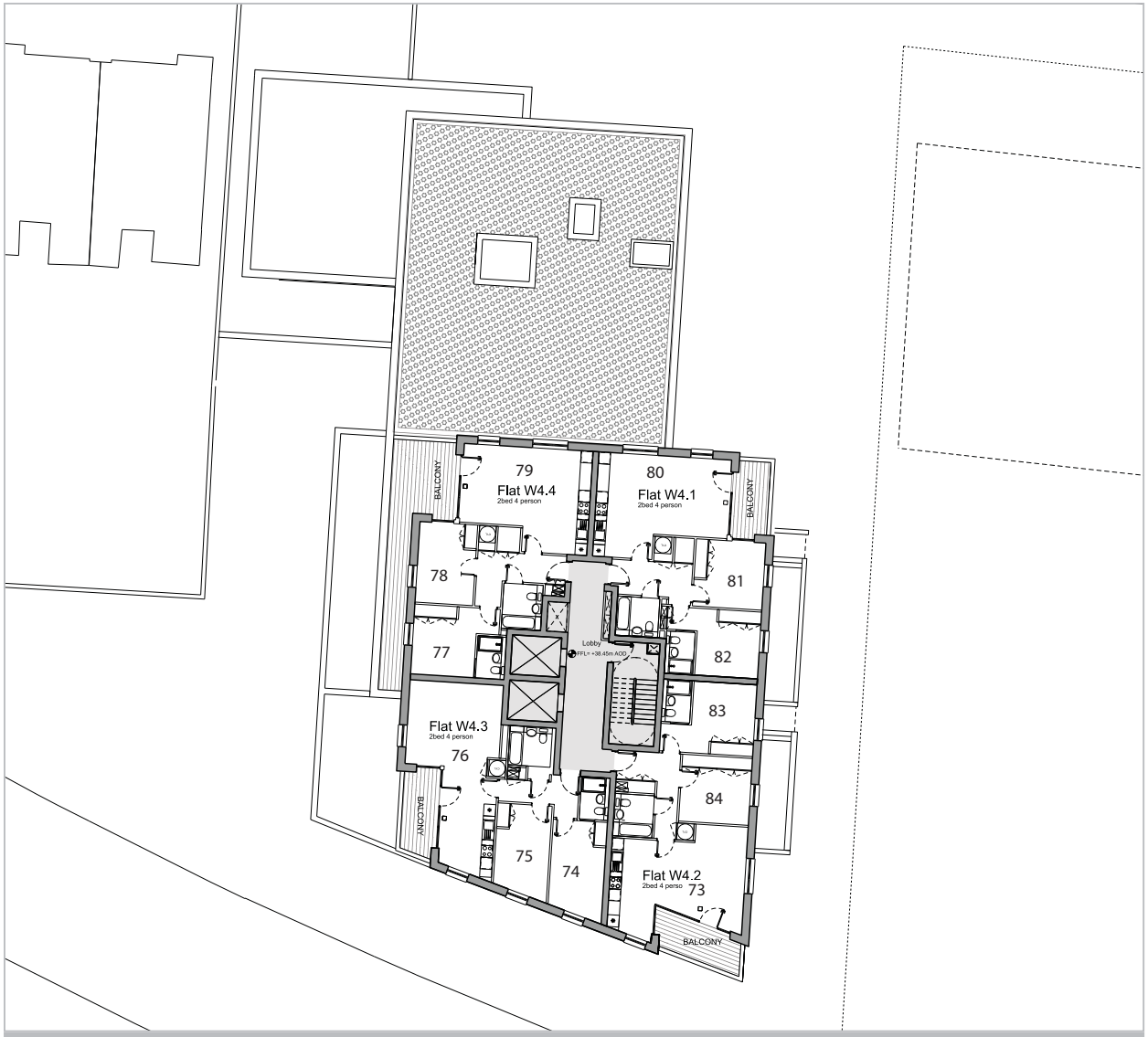
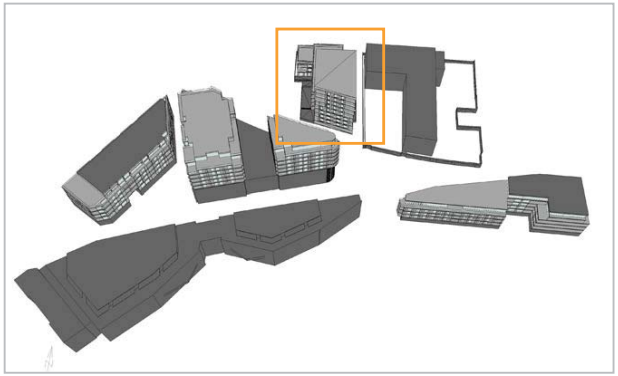


Figure 6: Plan View

		Daylight Quantum	Distribution of Daylight	
Room No.		ADF%	NSL%	RDC
Blocks W & X - Fifth Floor				
85	L/K/D	2.8	96	N/A
86	Bedroom	2.3	96	Met
87	Bedroom	2.6	94	N/A
88	L/K/D	3.9	100	N/A
89	L/K/D	3.5	99	N/A
90	Bedroom	2.6	97	N/A
91	Bedroom	2.4	96	Met
92	Bedroom	2.2	95	Met
93	Bedroom	2.2	97	Met
94	L/K/D	2.9	98	N/A
95	Bedroom	1.4	82	Met
96	Bedroom	1.9	84	N/A

Table 6: Assessment Data



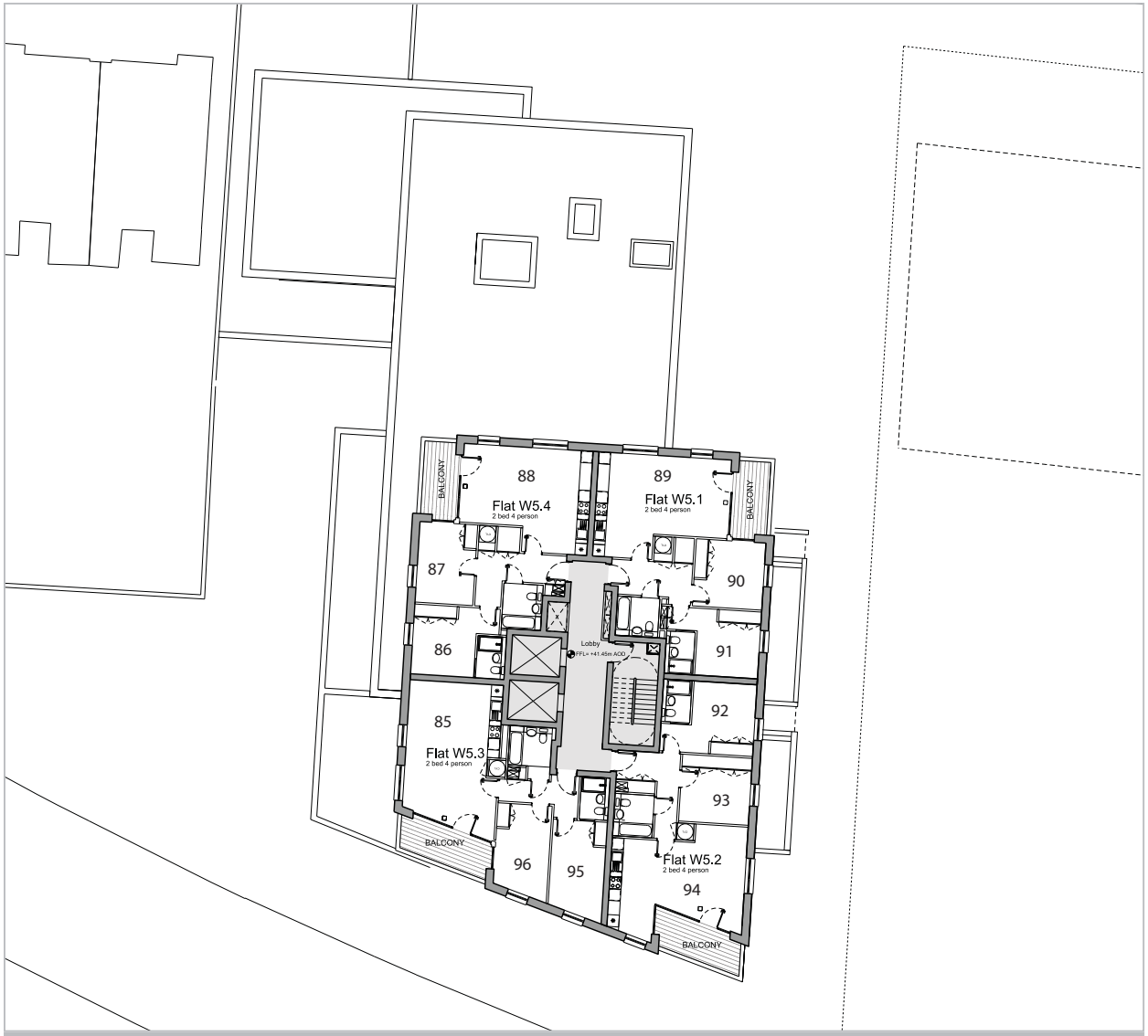
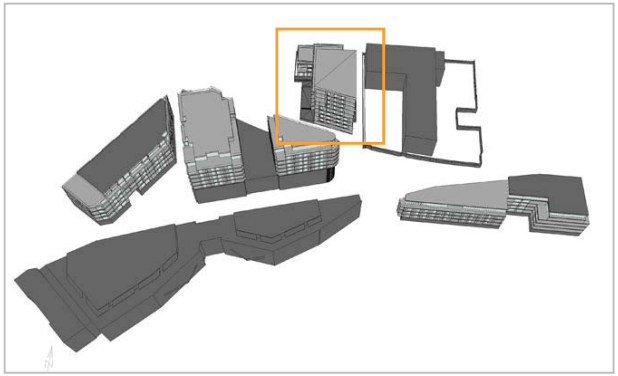


Figure 7: Plan View

		Daylight Quantum	Distribution of Daylight	
Room No.		ADF%	NSL%	RDC
Blocks W & X - Sixth Floor				
97	L/K/D	2.9	100	N/A
98	Bedroom	2.3	96	Met
99	Bedroom	2.5	94	N/A
100	L/K/D	3.9	100	N/A
101	L/K/D	3.5	99	N/A
102	Bedroom	2.6	97	N/A
103	Bedroom	2.4	96	Met
104	Bedroom	2.2	95	Met
105	Bedroom	2.3	97	Met
106	L/K/D	3	99	N/A
107	Bedroom	1.5	87	Met
108	Bedroom	2	91	N/A

Table 7: Assessment Data



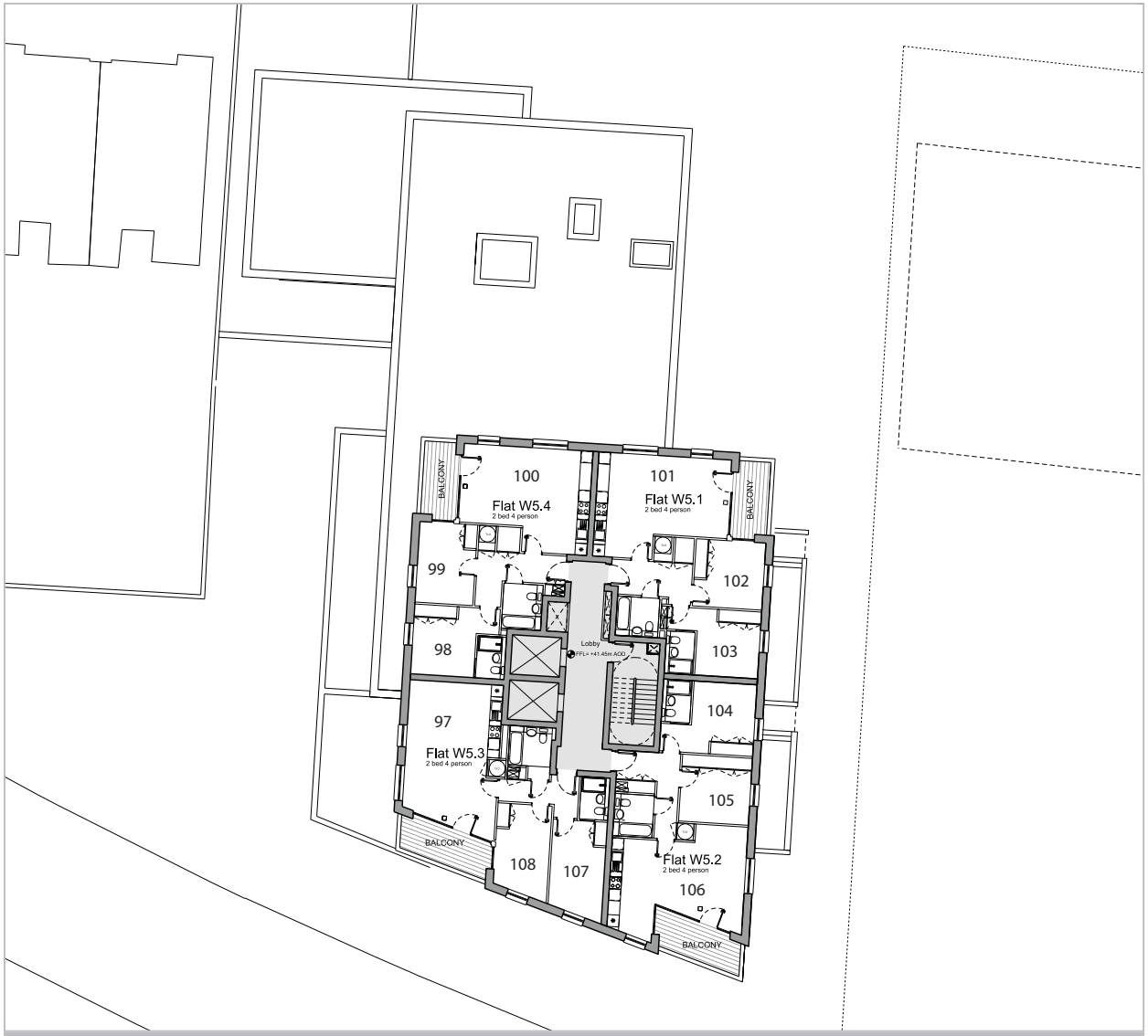
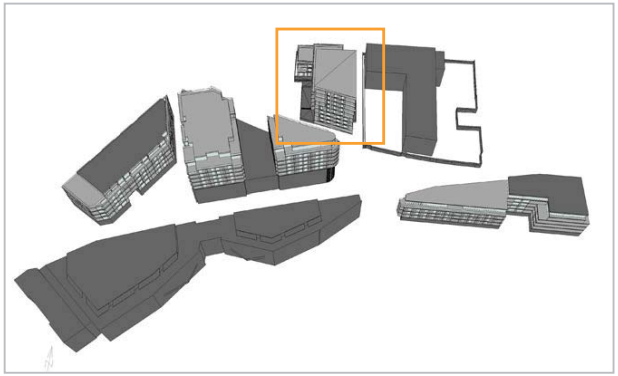


Figure 8: Plan View

		Daylight Quantum	Distribution of Daylight	
Room No.		ADF%	NSL%	RDC
Blocks W & X - Seventh Floor				
109	L/K/D	3.1	100	N/A
110	Bedroom	2.3	96	Met
111	Bedroom	2.6	94	N/A
112	L/K/D	2.7	100	N/A
113	L/K/D	3.4	99	N/A
114	Bedroom	2.6	97	N/A
115	Bedroom	2.4	96	Met
116	Bedroom	2.2	95	Met
117	Bedroom	2.2	97	Met
118	L/K/D	3.1	99	N/A
119	Bedroom	1.6	95	Met
120	Bedroom	2.2	98	N/A

Table 8: Assessment Data



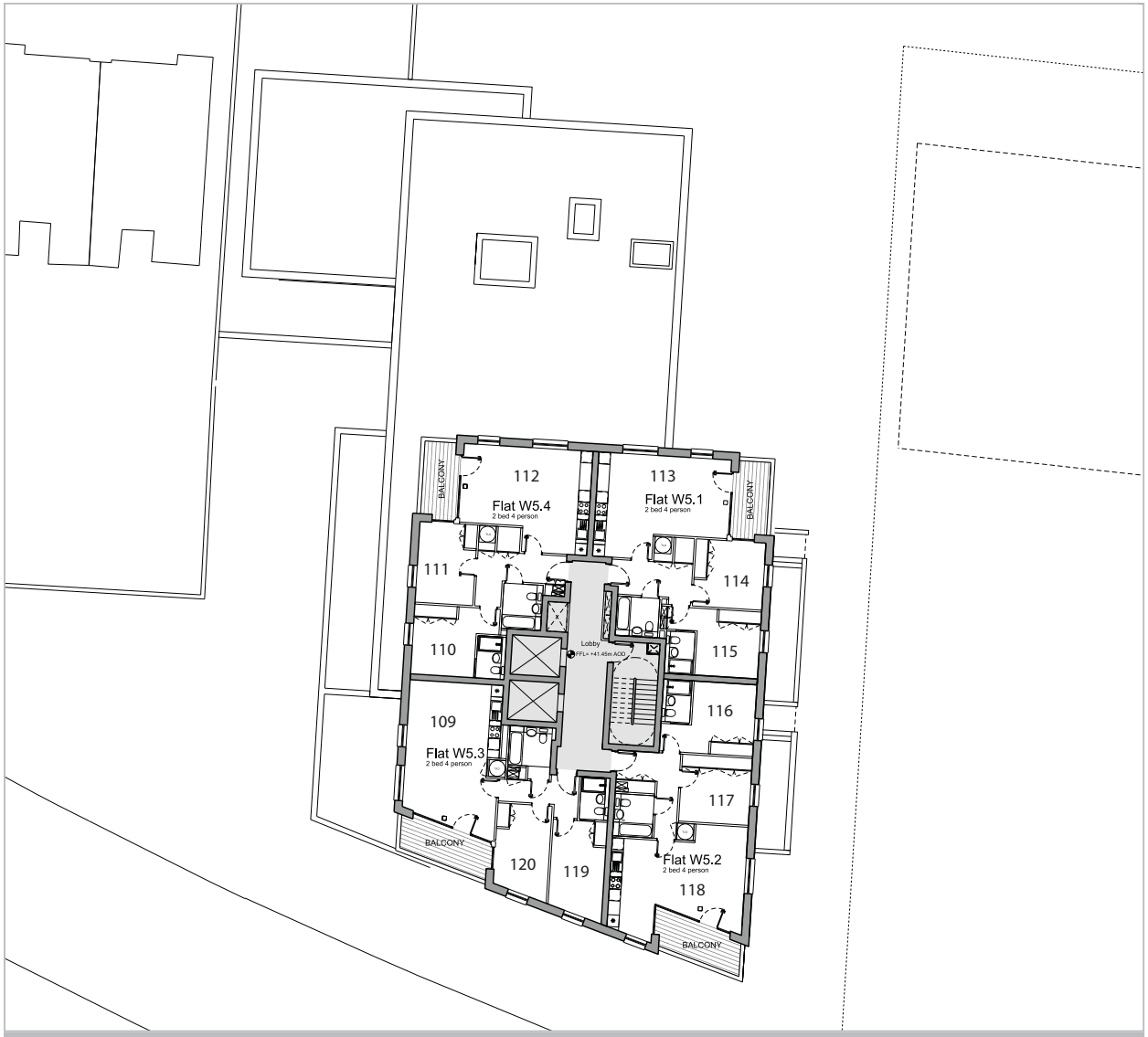
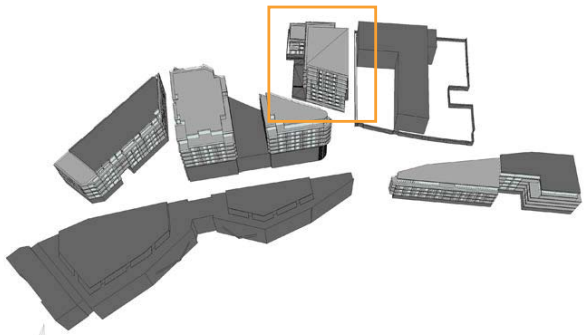


Figure 9: Plan View

Room No.		Daylight Quantum ADF%	Distribution of Daylight NSL%	RDC
Blocks W & X - Eighth Floor				
121	L/K/D	3.1	100	N/A
122	Bedroom	2.3	96	Met
123	Bedroom	2.4	94	N/A
124	L/K/D	3.5	100	N/A
125	L/K/D	3.3	99	N/A
126	Bedroom	2.5	97	N/A
127	Bedroom	2.4	96	Met
128	Bedroom	2.2	95	Met
129	Bedroom	2.3	97	Met
130	L/K/D	3.1	99	N/A
131	Bedroom	1.7	97	Met
132	Bedroom	2.3	98	N/A

Table 9: Assessment Data



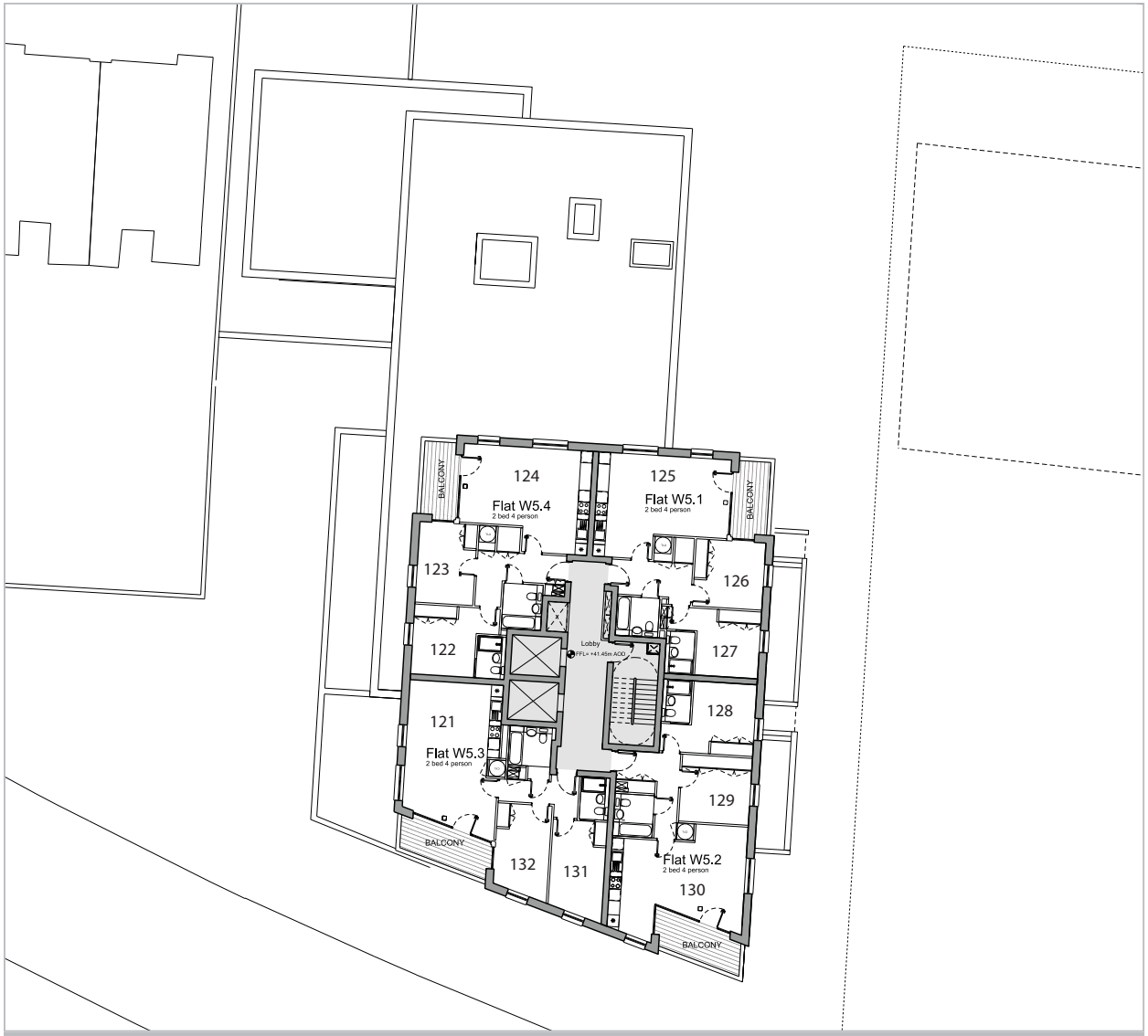


Figure 10: Plan View

Room No.		Daylight Quantum ADF%	Distribution of Daylight NSL%	RDC
Block C1 - Level 01				
133	Living Room	2.3	97	Met
134	Living Room	2.8	99	N/A
135	Bedroom	2.1	99	Met
136	Bedroom	3.7	99	N/A
137	Living Room	3	99	Met
138	Bedroom	3.8	98	Met
139	Bedroom	2.2	100	Met
140	L/K/D	2.7	99	N/A
141	Living Room	3	99	N/A
142	Bedroom	2	100	Met
143	Bedroom	4.1	98	N/A
144	Bedroom	3.8	99	Met
145	Bedroom	4.6	98	Met
146	Living Room	2.9	99	N/A
147	Bedroom	0.1	30	N/A
148	Bedroom	0.7	68	Met
149	Living Room	1.3	80	N/A
150	L/K/D	1.4	88	N/A
151	Bedroom	1.2	100	Met
152	Bedroom	3.5	99	Met
153	Living Room	2.4	98	Met
154	Living Room	2.5	91	Met
155	Bedroom	2	92	Met
156	Bedroom	0.8	76	Met
157	Bedroom	1.3	58	Met

Table 10: Assessment Data

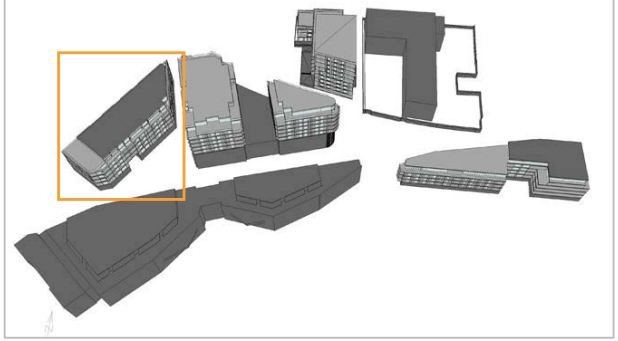


Figure 11: Plan View

		Daylight Quantum	Distribution of Daylight	
Room No.		ADF%	NSL%	RDC
Block C1 - Level 02				
158	Living Room	2.3	97	Met
159	Living Room	2.9	99	N/A
160	Bedroom	2.2	100	Met
161	Living Room	2.8	99	N/A
162	Bedroom	2	100	Met
163	L/K/D	1.4	100	Met
164	Bedroom	3.6	99	Met
165	Bedroom	4.5	99	Met
166	Bedroom	2.3	100	Met
167	L/K/D	2.8	99	N/A
168	Living Room	3.2	99	N/A
169	Bedroom	2.1	100	Met
170	Bedroom	4.2	98	N/A
171	Bedroom	3.9	99	Met
172	Bedroom	4.6	98	Met
173	Living Room	3.1	99	N/A
174	Bedroom	0.2	43	N/A
175	Bedroom	0.8	75	Met
176	Living Room	1.4	84	N/A
177	L/K/D	1.6	92	N/A
178	Bedroom	1.3	100	Met
179	Bedroom	2.8	98	Met
180	Bedroom	2.4	98	N/A
181	L/K/D	0.8	100	Met
182	Bedroom	1.1	100	Met
183	Bedroom	2.4	99	N/A
184	Living Room	1.9	96	Met
185	Bedroom	1.2	94	Met
186	Bedroom	2	80	Met

Table 11: Assessment Data

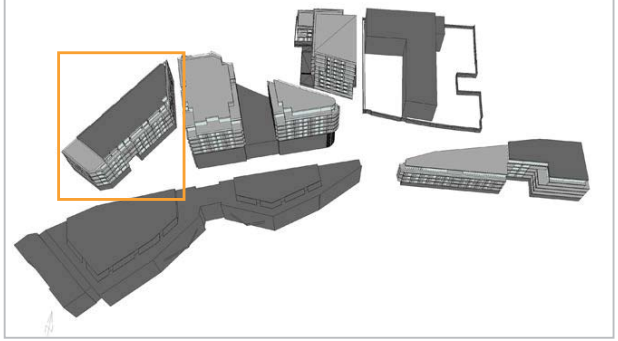


Figure 12: Plan View

Room No.		Daylight Quantum ADF%	Distribution of Daylight NSL%	RDC
Block C1 - Level 03				
187	Living Room	2.4	97	Met
188	Living Room	3	99	N/A
189	Bedroom	2.3	100	Met
190	Living Room	2.9	99	N/A
191	Bedroom	2	100	Met
192	L/K/D	1.4	100	Met
193	Bedroom	3.7	99	Met
194	Bedroom	3.7	98	Met
195	Bedroom	2.3	100	Met
196	L/K/D	2.5	99	N/A
197	Living Room	3.1	96	N/A
198	Bedroom	2.1	100	Met
199	Bedroom	4.2	98	N/A
200	Bedroom	3.9	99	Met
201	Bedroom	4.7	98	Met
202	Living Room	3.2	100	N/A
203	Bedroom	0.2	59	N/A
204	Bedroom	1	85	Met
205	Living Room	1.6	85	N/A
206	L/K/D	1.8	92	N/A
207	Bedroom	1.5	100	Met
208	Bedroom	3.1	98	Met
209	Bedroom	2.7	99	N/A
210	L/K/D	0.9	100	Met
211	Bedroom	1.3	100	Met
212	Bedroom	2.8	99	N/A
213	Living Room	2.2	99	Met
214	Bedroom	1.7	100	Met
215	Bedroom	2.5	95	Met

Table 12: Assessment Data

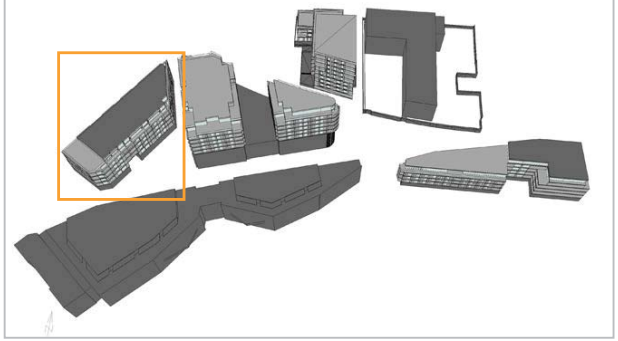


Figure 13: Plan View

Room No.		Daylight Quantum ADF%	Distribution of Daylight NSL%	RDC
Block C1 - Level 04				
216	Living Room	2.3	97	Met
217	Living Room	3.5	100	N/A
218	Bedroom	5.8	100	Met
219	Living Room	3.4	100	N/A
220	Bedroom	4.6	100	Met
221	L/K/D	2.6	100	Met
222	Bedroom	4.2	100	Met
223	Bedroom	3.6	98	Met
224	Bedroom	5.8	100	Met
225	L/K/D	3.3	100	N/A
226	Living Room	3.9	100	N/A
227	Bedroom	5.6	100	Met
228	Bedroom	5.1	100	N/A
229	Bedroom	3.8	99	Met
230	Bedroom	4.5	98	Met
231	Living Room	5.2	100	N/A
232	Bedroom	1.9	84	N/A
233	Bedroom	3.2	92	Met
234	Living Room	2.1	89	N/A
235	L/K/D	2.3	93	N/A
236	Bedroom	4.1	100	Met
237	Bedroom	3.3	98	Met
238	Bedroom	3.3	100	N/A
239	L/K/D	2.2	100	Met
240	Bedroom	3.6	100	Met
241	Bedroom	3.6	100	N/A
242	Living Room	2.4	99	Met
243	Bedroom	4.6	100	Met
244	Bedroom	2.9	95	Met

Table 13: Assessment Data

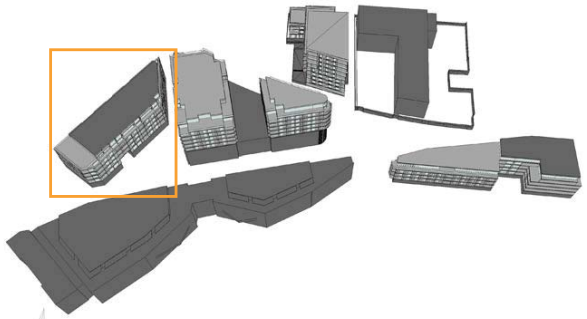


Figure 14: Plan View

Room No.		Daylight Quantum ADF%	Distribution of Daylight NSL%	RDC
Block C1 - Level 05				
245	L/K/D	2.2	99	Met
246	Bedroom	4.9	100	Met
247	Bedroom	5.2	100	Met
248	Bedroom	7.1	100	Met
249	L/K/D	4	100	Met
250	L/K/D	3.8	100	N/A
251	Bedroom	6.2	100	Met
252	Bedroom	4.4	100	Met
253	L/K/D	4.4	100	Met
254	Bedroom	4.4	100	Met
255	Bedroom	2.5	90	N/A
256	Bedroom	4.2	92	Met
257	L/K/D	2.5	100	Met
258	L/K/D	3.7	100	Met
259	Bedroom	6.5	100	Met
260	Bedroom	5.2	100	Met
261	L/K/D	4.7	100	Met
262	Bedroom	5.3	100	Met
263	Bedroom	7.6	100	Met
264	L/K/D	3.4	100	Met

Table 14: Assessment Data

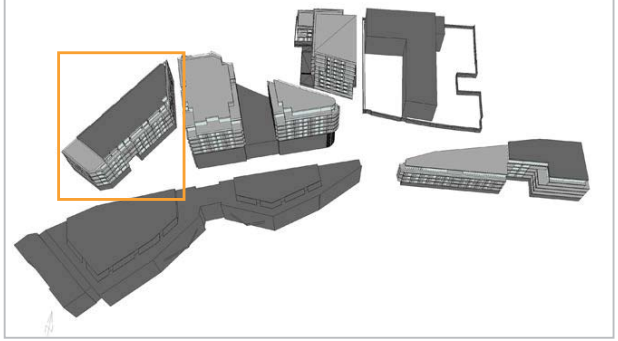
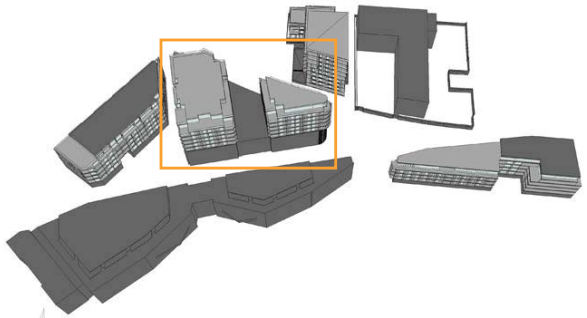


Figure 15: Plan View

		Daylight Quantum	Distribution of Daylight	
Room No.		ADF%	NSL%	RDC
Block C2 - Level 03				
265	L/K/D	5	100	N/A
266	Bedroom	1.2	56	Met
267	Bedroom	1.6	54	Met
268	Bedroom	1.7	63	Met
269	Bedroom	1.4	48	Met
270	Bedroom	1.8	92	Met
271	L/K/D	1.1	81	N/A
272	L/K/D	2	96	Met
273	Bedroom	1.5	100	Met
274	Bedroom	2.3	98	Met
275	L/K/D	3.2	100	N/A
276	Bedroom	2.1	99	Met
277	Bedroom	2.1	99	Met
278	L/K/D	2.7	100	N/A
279	Bedroom	1.5	64	Met
280	Bedroom	1.7	86	Met
281	Bedroom	1.9	68	Met
282	Living Room	1.4	100	N/A
283	Bedroom	5.1	100	N/A
284	L/K/D	2.5	99	N/A
285	L/K/D	2.6	100	N/A
286	L/K/D	2.2	100	N/A
287	Bedroom	2.9	96	Met
288	Bedroom	1.8	94	Met
289	Bedroom	3.2	94	Met
290	L/K/D	3.2	100	N/A
291	Bedroom	2.9	94	Met
292	Bedroom	3.4	98	Met
293	Bedroom	3.7	99	N/A

Table 15: Assessment Data



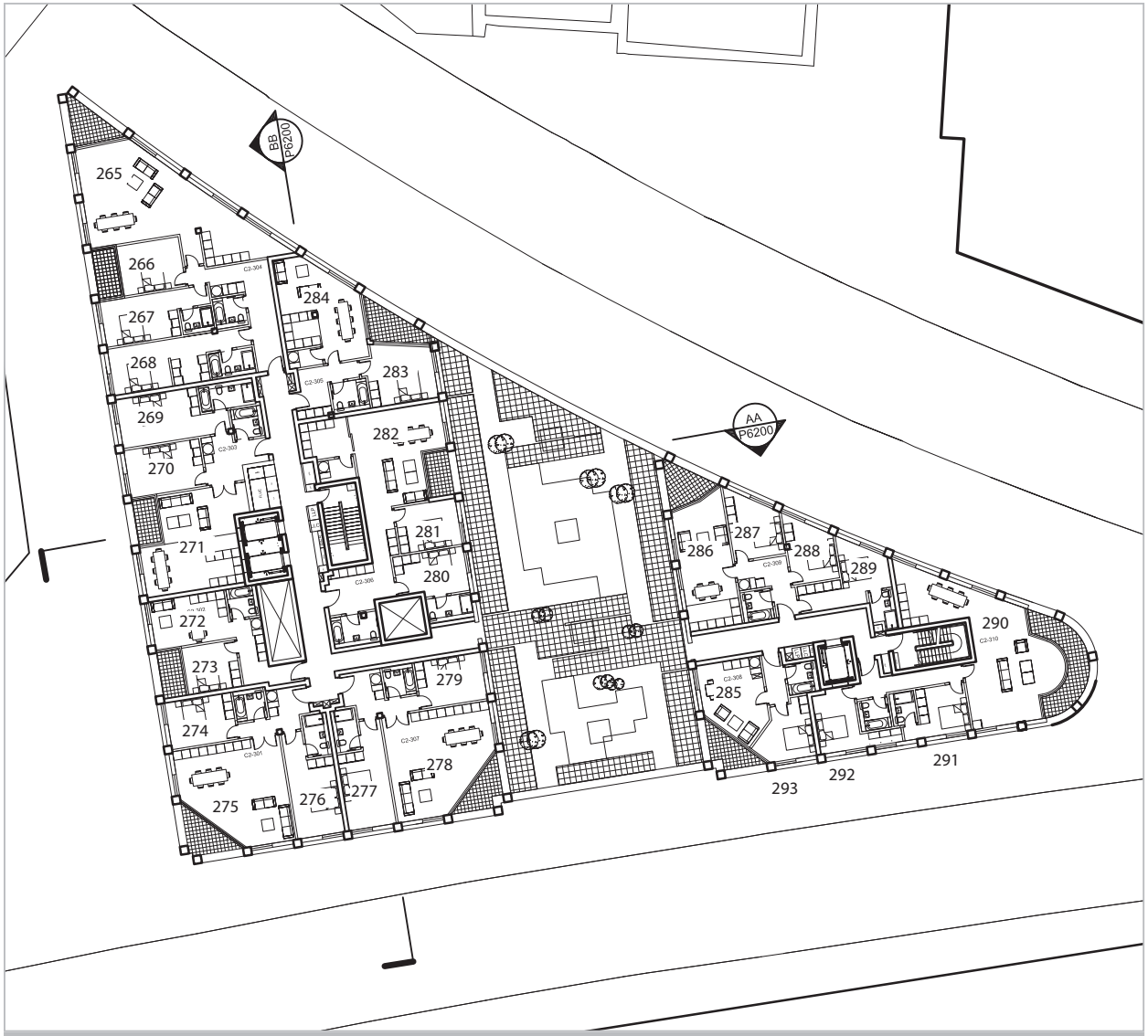


Figure 16: Plan View

Room No.		Daylight Quantum ADF%	Distribution of Daylight NSL%	RDC
Block C2 - Level 04				
294	Bedroom	2.4	98	Met
295	Bedroom	2.6	99	Met
296	Bedroom	3	99	N/A
297	L/K/D	1.8	100	N/A
298	L/K/D	2	99	N/A
299	Bedroom	1.6	100	Met
300	Bedroom	2.5	98	Met
301	L/K/D	3.5	100	N/A
302	Bedroom	2.2	99	Met
303	Bedroom	2.2	99	Met
304	L/K/D	3.1	100	N/A
305	Bedroom	2.1	62	Met
306	Bedroom	1.5	38	Met
307	Bedroom	2.2	55	Met
308	L/K/D	1.6	99	N/A
309	Living Room	1.8	81	Met
310	Bedroom	2.5	88	Met
311	Bedroom	2.4	100	Met
312	L/K/D	5.3	100	N/A
313	L/K/D	3.5	100	N/A
314	Bedroom	3	92	Met
315	Bedroom	3.6	98	Met
316	L/K/D	3.7	100	N/A
317	Bedroom	2.2	43	Met
318	Bedroom	2	40	Met
319	L/K/D	3.7	100	N/A
320	Bedroom	2.2	91	Met
321	Bedroom	3.2	96	Met

Table 16: Assessment Data

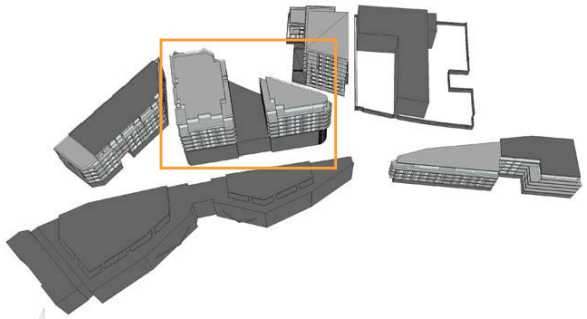


Figure 17: Plan View

Room No.		Daylight Quantum ADF%	Distribution of Daylight NSL%	RDC
Block C2 - Level 05				
322	Bedroom	2.8	98	Met
323	Bedroom	2.3	99	Met
324	Bedroom	2.6	99	N/A
325	L/K/D	2.1	100	N/A
326	L/K/D	2.2	99	N/A
327	Bedroom	1.8	100	Met
328	Bedroom	2.8	98	Met
329	L/K/D	3.8	100	N/A
330	Bedroom	2.4	99	Met
331	Bedroom	2.4	99	Met
332	L/K/D	3.4	100	N/A
333	Bedroom	2.4	73	Met
334	Bedroom	1.7	45	Met
335	Bedroom	2.6	66	Met
336	L/K/D	1.8	99	N/A
337	Living Room	2	86	Met
338	Bedroom	2.7	93	Met
339	Bedroom	2.6	100	Met
340	L/K/D	5.2	100	N/A
341	L/K/D	3.9	100	N/A
342	Bedroom	3.3	92	Met
343	Bedroom	3.7	98	Met
344	L/K/D	4	100	N/A
345	Bedroom	2.6	63	Met
346	Bedroom	2.5	60	Met
347	L/K/D	4.3	100	N/A
348	Bedroom	2.3	92	Met
349	Bedroom	3.3	98	Met

Table 17: Assessment Data

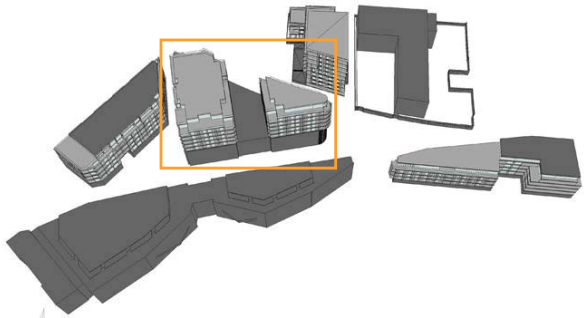


Figure 18: Plan View

Room No.		Daylight Quantum ADF%	Distribution of Daylight NSL%	RDC
Block C2 - Level 06				
350	Bedroom	2.8	98	Met
351	Bedroom	2.3	99	Met
352	Bedroom	2.6	99	N/A
353	L/K/D	1.8	100	N/A
354	L/K/D	1.7	99	N/A
355	Bedroom	1.8	100	Met
356	Bedroom	2.8	98	Met
357	L/K/D	3.8	100	N/A
358	Bedroom	2.4	99	Met
359	Bedroom	2.4	99	Met
360	L/K/D	3.5	100	N/A
361	Bedroom	2.8	92	Met
362	Bedroom	1.9	63	Met
363	Bedroom	2.9	90	Met
364	L/K/D	2	99	N/A
365	Living Room	2.1	95	Met
366	Bedroom	2.8	96	Met
367	Bedroom	2.7	100	Met
368	L/K/D	5.2	100	N/A
369	L/K/D	4	100	N/A
370	Bedroom	3.2	92	Met
371	Bedroom	3.7	98	Met
372	L/K/D	4.1	100	N/A
373	Bedroom	3	85	Met
374	Bedroom	2.9	88	Met
375	L/K/D	4.6	100	N/A
376	Bedroom	2.3	92	Met
377	Bedroom	3.5	98	Met

Table 18: Assessment Data

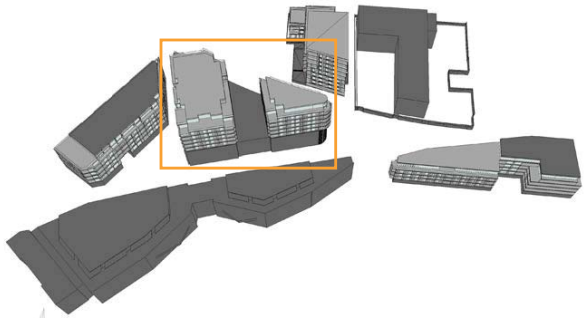


Figure 19: Plan View

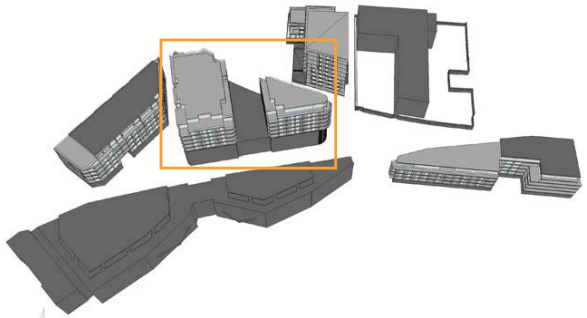
Room No.		Daylight Quantum ADF%	Distribution of Daylight NSL%	RDC
Block C2 - Level 07				
378	L/K/D	5.4	100	N/A
379	Bedroom	2.5	98	Met
380	L/K/D	3.3	100	N/A
381	L/K/D	2.9	99	N/A
382	Bedroom	4.6	99	N/A
383	Bedroom	2	98	Met
384	L/K/D	7.3	100	N/A
385	L/K/D	4.6	100	N/A
386	Bedroom	7.3	100	N/A
387	Bedroom	2	97	Met
388	L/K/D	4.2	100	N/A
389	Bedroom	2.6	94	Met
390	Bedroom	2	96	Met
391	Bedroom	2.7	96	Met
392	L/K/D	5.4	100	N/A
393	L/K/D	8.6	100	N/A
394	Bedroom	1.8	94	Met
395	L/K/D	4	100	N/A
396	Bedroom	4.1	98	Met
397	L/K/D	6.5	100	N/A
398	Bedroom	3.6	97	Met

Table 19: Assessment Data

Figure 20: Plan View

Room No.		Daylight Quantum ADF%	Distribution of Daylight NSL%	RDC
Block C2 - Level 08				
399	Bedroom	7.2	100	Met
400	Bedroom	17.5	100	N/A
401	Bedroom	18.4	100	N/A
402	Bedroom	7.6	100	Met
403	Bedroom	10.8	100	N/A
404	Bedroom	12	100	Met
405	Bedroom	30.5	100	Met
406	Bedroom	11.9	100	N/A
407	Bedroom	8	100	Met
408	Bedroom	8.1	100	N/A
409	Bedroom	13.7	100	N/A
410	Bedroom	6.9	100	N/A
411	Bedroom	17	100	N/A
412	Bedroom	17	100	N/A
413	Bedroom	14.2	100	N/A

Table 20: Assessment Data



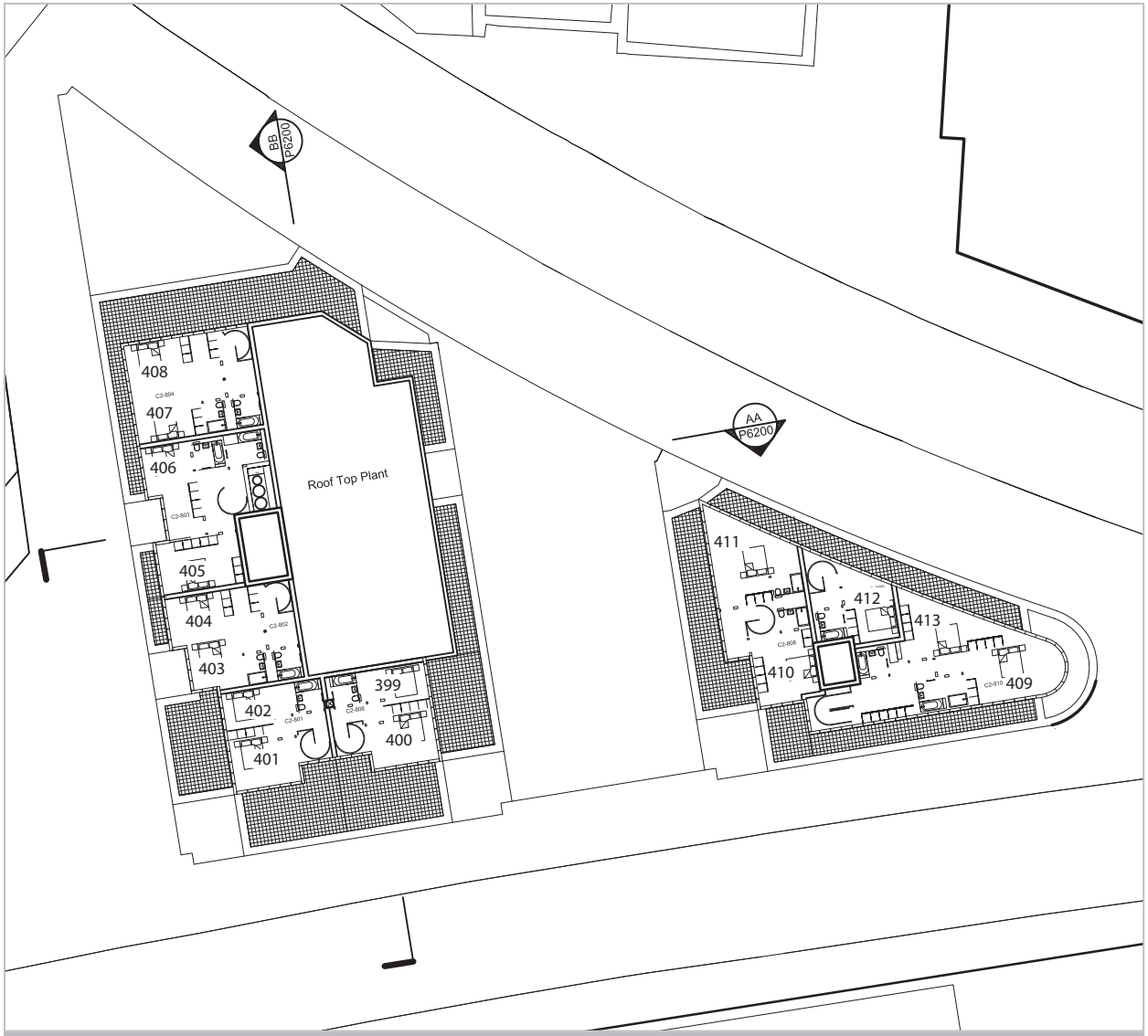


Figure 21: Plan View

Room No.		Daylight Quantum ADF%	Distribution of Daylight NSL%	RDC
Block D - Level 01				
414	L/K/D	3.9	99	N/A
415	Bedroom	0.6	61	Met
416	Bedroom	0.7	30	N/A
417	Bedroom	1	43	Met
418	Bedroom	1.2	53	Met
419	Bedroom	1.1	45	N/A
420	L/K/D	2.2	97	Met
421	L/K/D	2	97	Met
422	Bedroom	0.5	24	Met
423	Bedroom	0.5	23	Met
424	Bedroom	0.9	42	Met
425	Bedroom	1	62	N/A
426	L/K/D	4.1	100	Met
427	Bedroom	3.4	100	Met
428	Bedroom	4.9	100	N/A
429	L/K/D	2.1	100	N/A
430	L/K/D	1.1	66	Met
431	Bedroom	2.9	87	N/A
432	Bedroom	2.8	99	N/A
433	L/K/D	2.2	98	N/A
434	L/K/D	1.7	98	Not Met
435	L/K/D	2.7	98	N/A
436	Bedroom	2.3	96	Met
437	Bedroom	2.9	96	Met

Table 21: Assessment Data

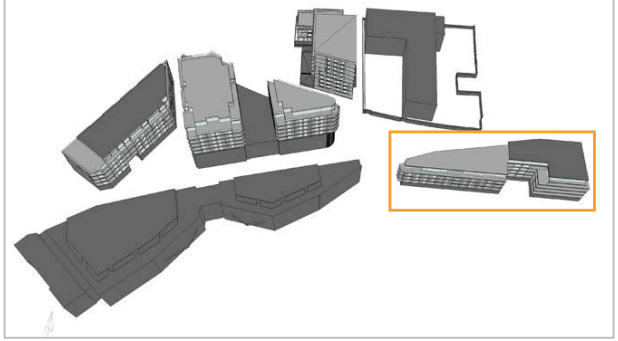


Figure 22: Plan View

Room No.		Daylight Quantum ADF%	Distribution of Daylight NSL%	RDC
Block D - Level 02				
438	L/K/D	4.9	100	N/A
439	Bedroom	1.3	98	Met
440	Bedroom	1.9	99	N/A
441	Bedroom	2.5	98	Met
442	Bedroom	3.2	99	Met
443	Bedroom	3.1	97	N/A
444	L/K/D	2.7	98	Met
445	L/K/D	2.6	100	Met
446	Bedroom	1.5	99	Met
447	Bedroom	1.4	98	Met
448	Bedroom	2.2	99	Met
449	Bedroom	1.9	98	N/A
450	L/K/D	4.6	100	Met
451	Bedroom	3.6	100	Met
452	Bedroom	5	100	N/A
453	L/K/D	2.2	100	N/A
454	L/K/D	1.2	72	Met
455	Bedroom	3.4	94	N/A
456	Bedroom	3.1	99	N/A
457	L/K/D	2.3	98	N/A
458	L/K/D	1.8	98	Not Met
459	L/K/D	2.8	98	N/A
460	Bedroom	2.3	96	Met
461	Bedroom	3	96	Met

Table 22: Assessment Data

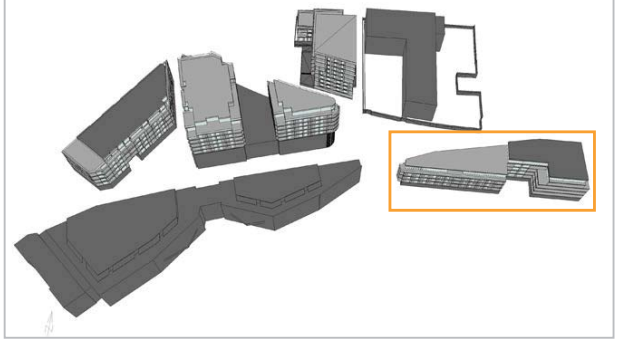


Figure 23: Plan View

Room No.		Daylight Quantum ADF%	Distribution of Daylight NSL%	RDC
Block D - Level 03				
462	L/K/D	5.4	100	N/A
463	Bedroom	1.8	99	Met
464	Bedroom	2.7	99	N/A
465	Bedroom	3.3	99	Met
466	Bedroom	4.4	100	Met
467	Bedroom	4.3	98	N/A
468	L/K/D	3.3	100	Met
469	L/K/D	3.1	100	Met
470	Bedroom	2.2	99	Met
471	Bedroom	2.1	99	Met
472	Bedroom	3	99	Met
473	Bedroom	2.3	98	N/A
474	L/K/D	4.9	100	Met
475	Bedroom	3.6	100	Met
476	Bedroom	5	100	N/A
477	L/K/D	2.2	100	N/A
478	L/K/D	1.4	91	Met
479	Bedroom	3.9	100	N/A
480	Bedroom	3.4	99	N/A
481	L/K/D	2.3	99	N/A
482	L/K/D	1.8	98	Not Met
483	L/K/D	2.8	98	N/A
484	Bedroom	2.4	96	Met
485	Bedroom	3	96	Met

Table 23: Assessment Data

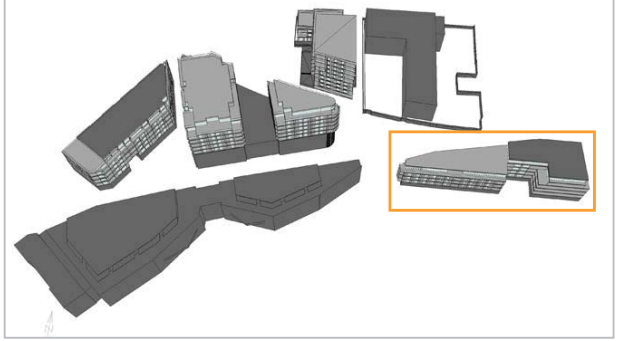


Figure 24: Plan View

Room No.		Daylight Quantum ADF%	Distribution of Daylight NSL%	RDC
Block D - Level 04				
486	L/K/D	13.6	100	N/A
487	Bedroom	9.1	100	Met
488	Bedroom	2.3	100	N/A
489	L/K/D	3.1	100	Met
490	Bedroom	3.3	99	N/A
491	L/K/D	4.4	100	Met
492	L/K/D	3.9	100	Met
493	Bedroom	2.2	100	Met
494	Bedroom	2.2	99	Met
495	Bedroom	3.5	99	Met
496	L/K/D	4.3	100	N/A
497	L/K/D	5.3	100	N/A
498	Bedroom	4.5	100	Met
499	Bedroom	4.7	100	Met
500	L/K/D	5.2	88	N/A
501	Bedroom	5.7	100	Met
502	Bedroom	6.1	100	Met

Table 24: Assessment Data

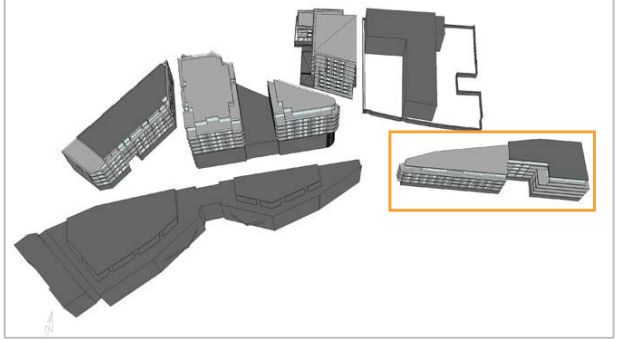


Figure 25: Plan View

Room No.		Daylight Quantum ADF%	Distribution of Daylight NSL%	RDC
Block D - Level 05				
503	L/K/D	13.9	100	N/A
504	Bedroom	9	100	Met
505	Bedroom	9	100	Met
506	Bedroom	9.2	100	Met
507	Bedroom	12.8	100	Met
508	L/K/D	11.6	100	N/A
509	L/K/D	7.8	100	N/A
510	Bedroom	3.1	100	Met
511	Bedroom	13	100	Met

Table 25: Assessment Data

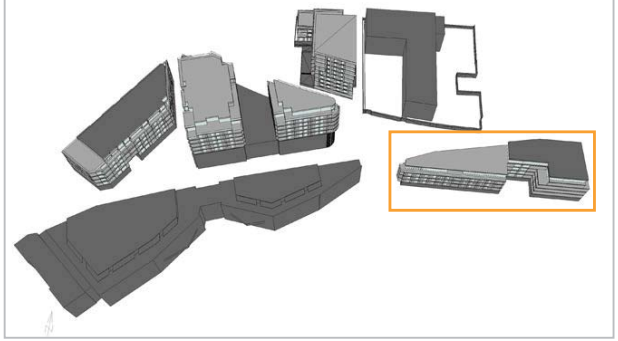


Figure 26: Plan View

Internal Sunlight Assessments

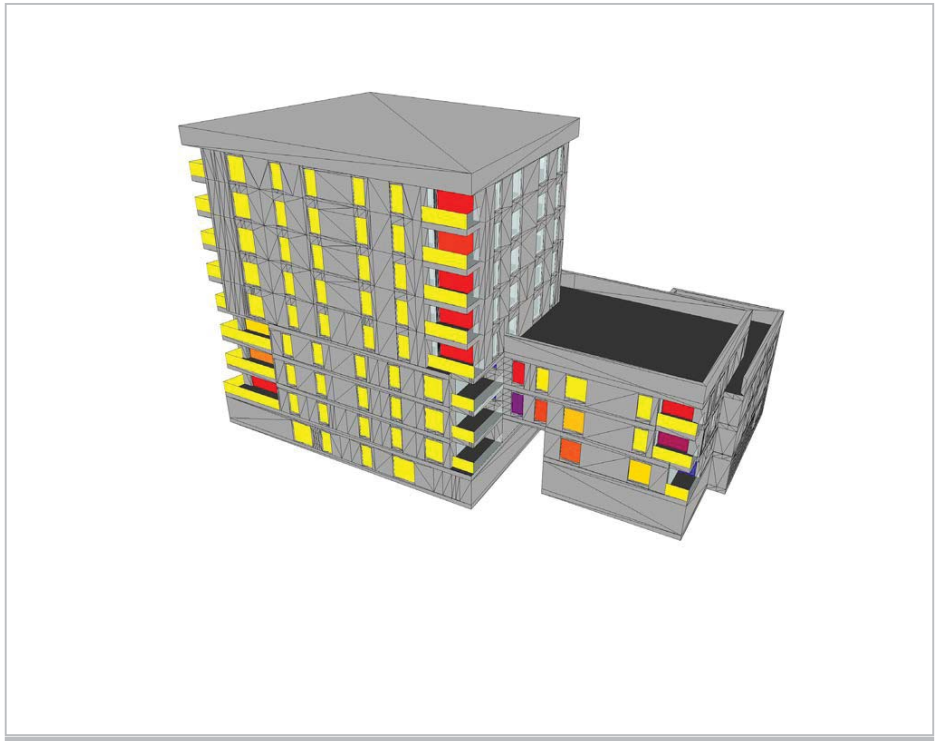


Figure 27: Plan View

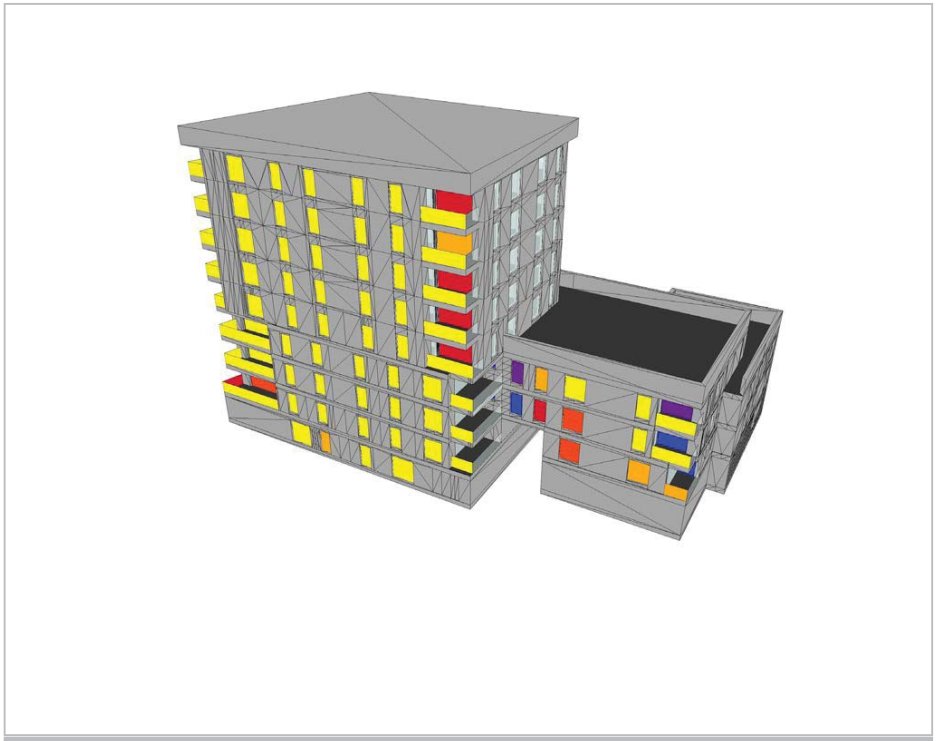
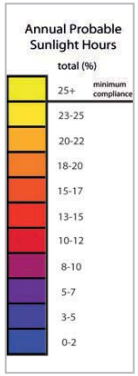
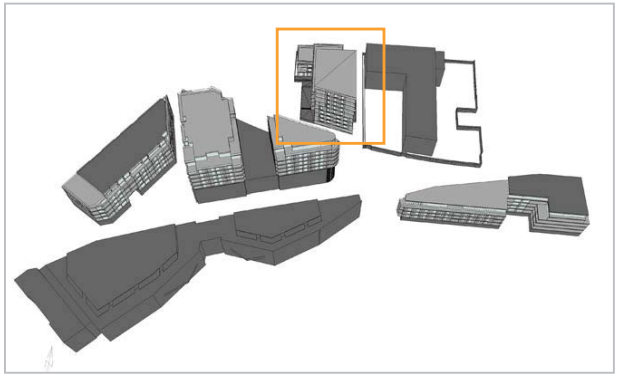
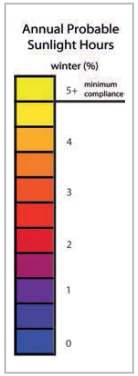


Figure 28: Plan View







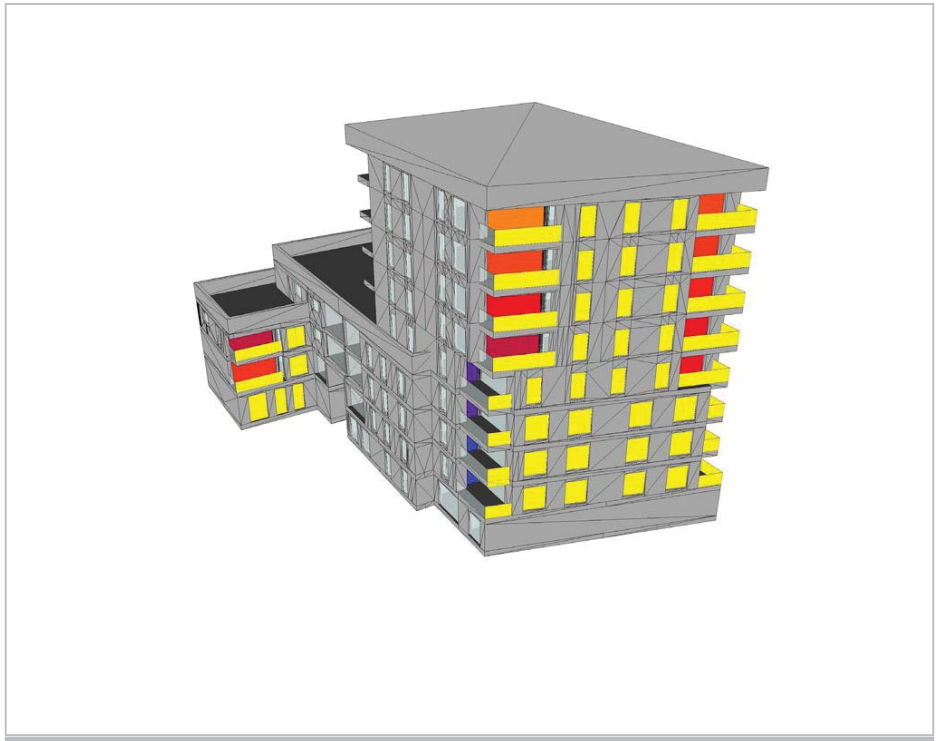


Figure 29: Plan View

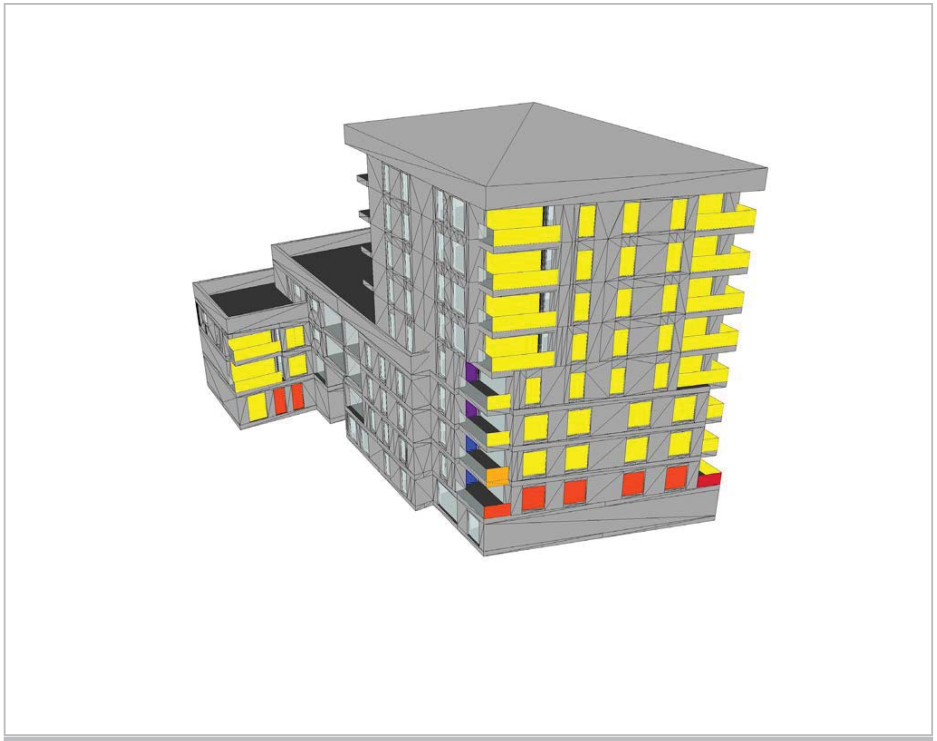
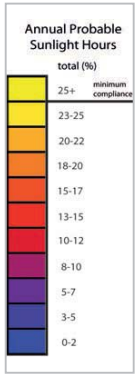
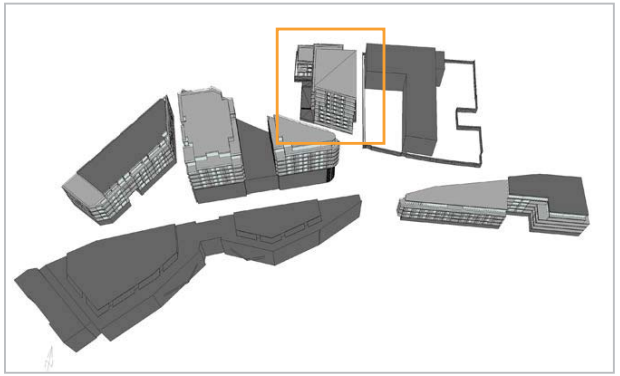
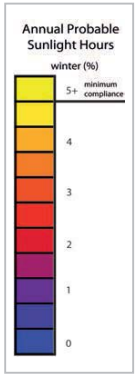


Figure 30: Plan View







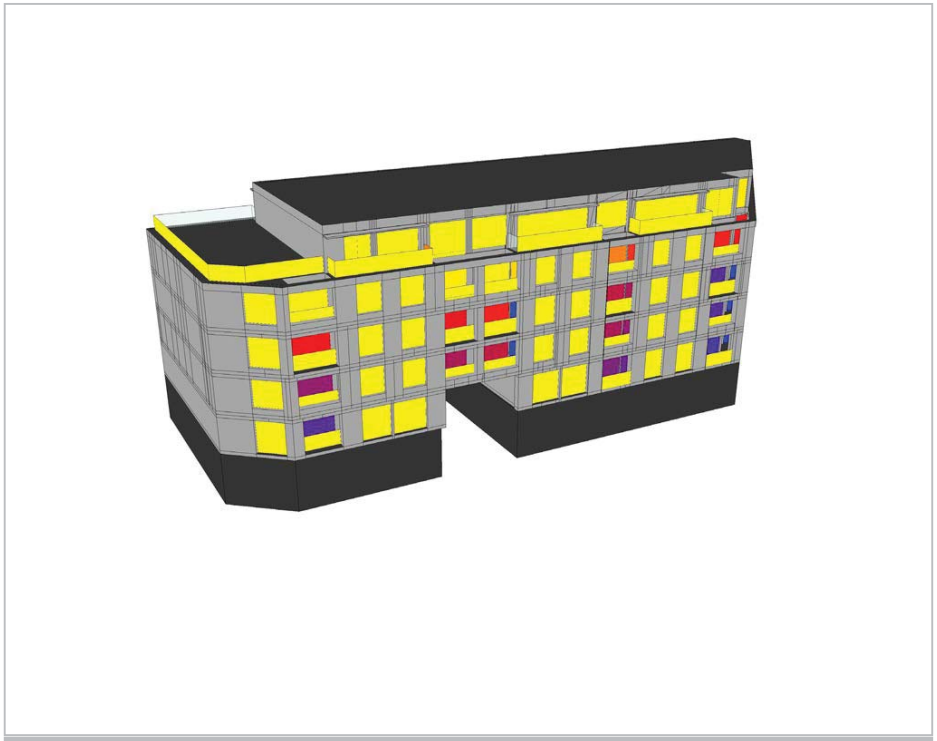


Figure 31: Plan View

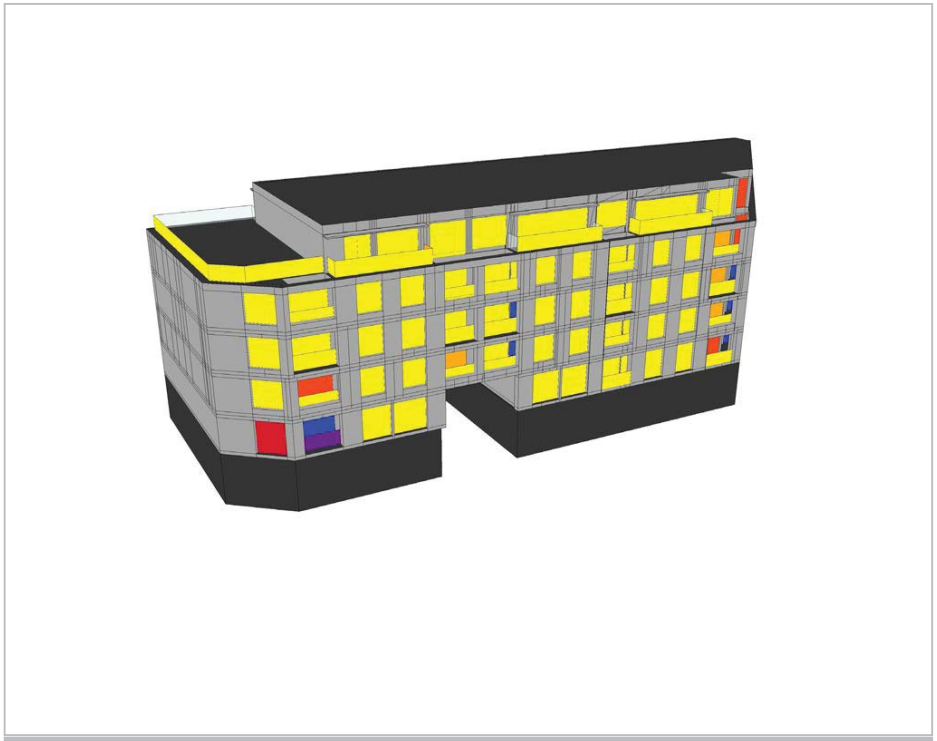
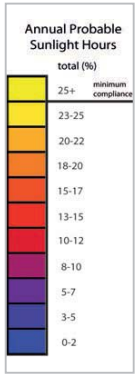
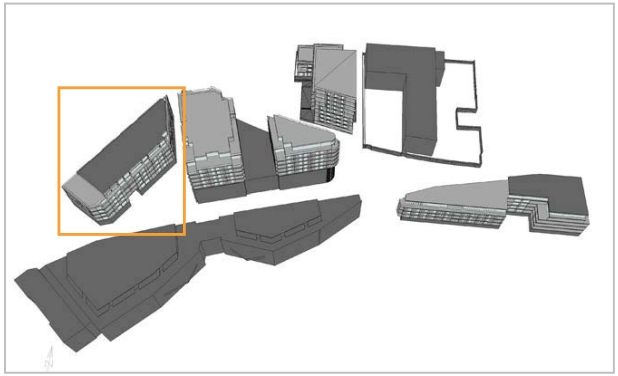


Figure 32: Plan View





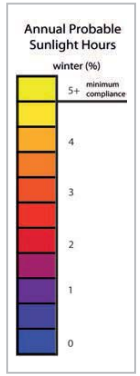
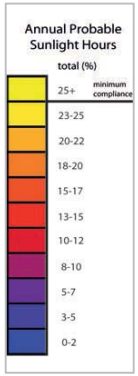
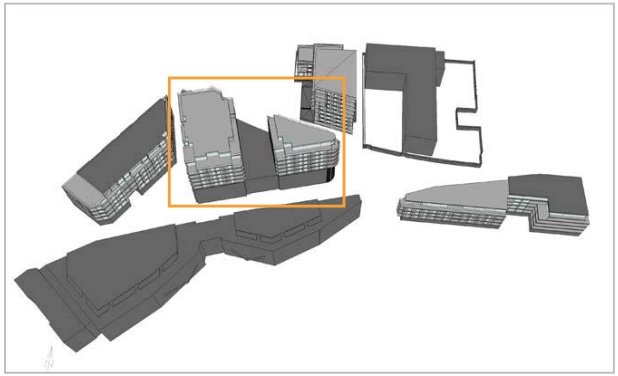
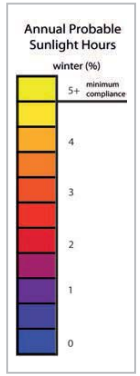


Figure 33: Plan View

Figure 34: Plan View







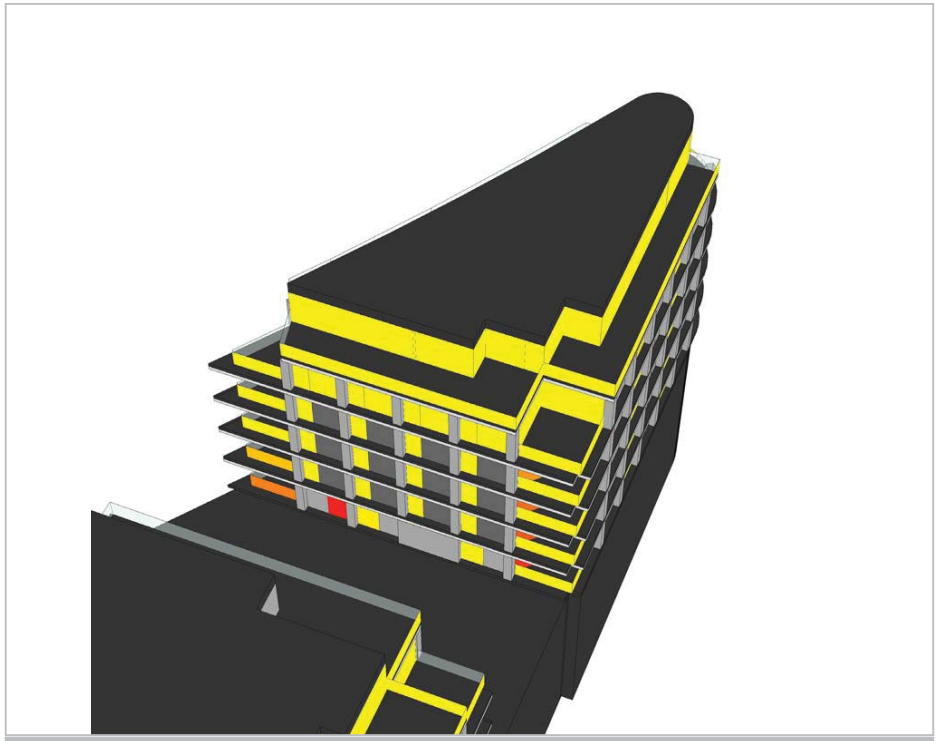


Figure 35: Plan View

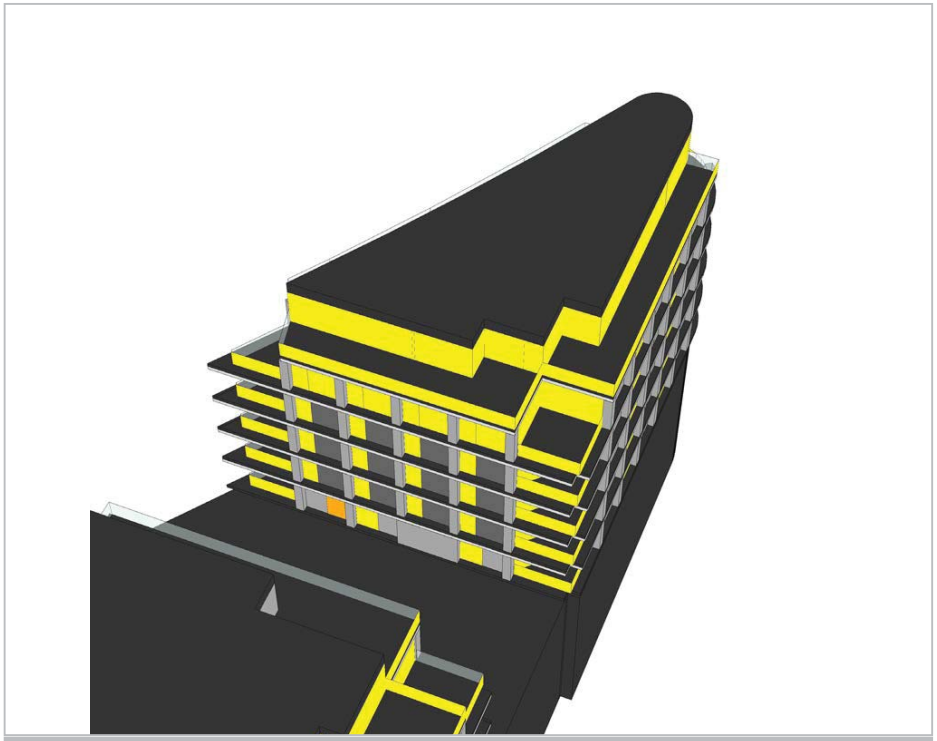
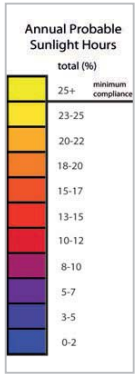
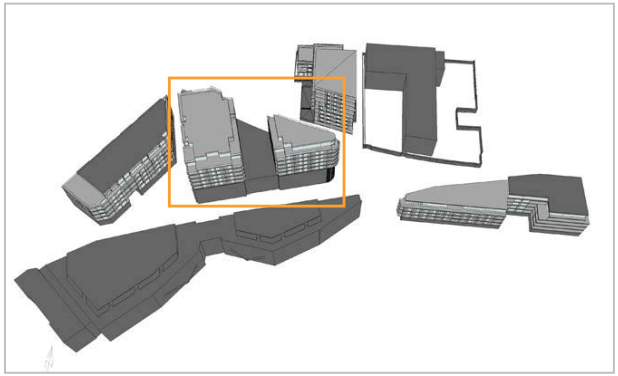
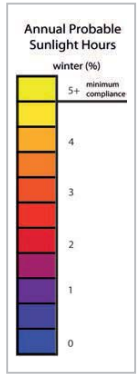


Figure 36: Plan View







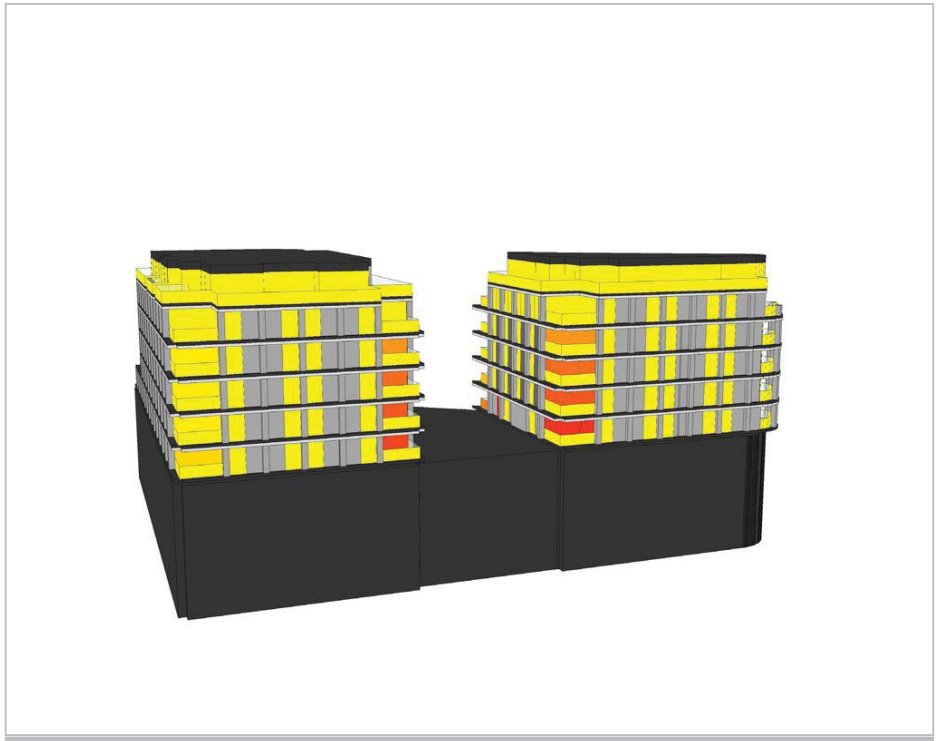


Figure 37: Plan View

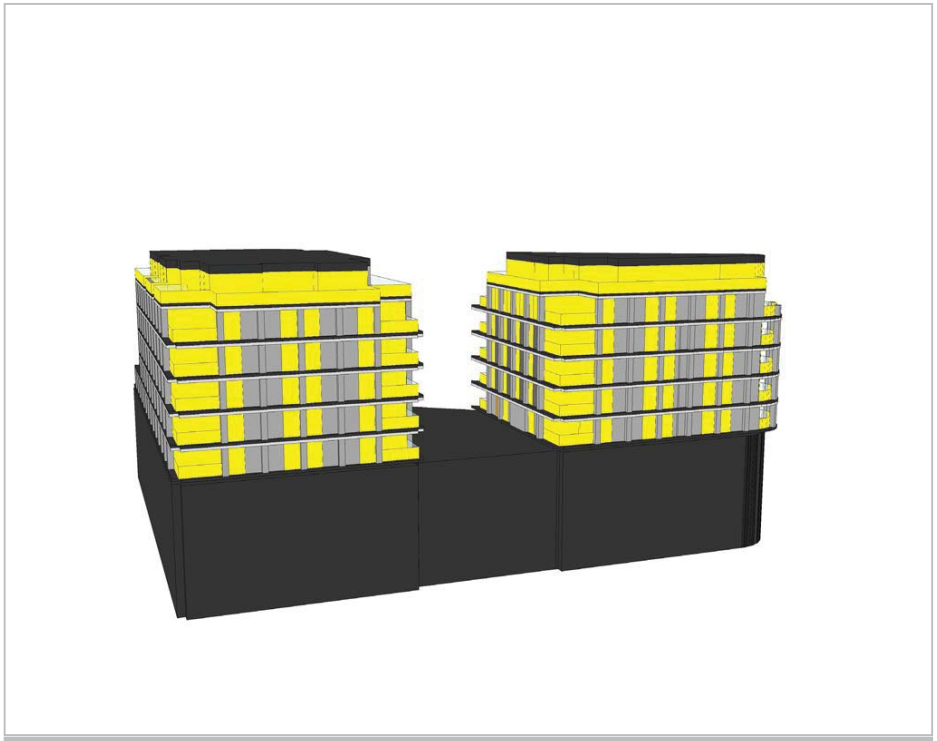
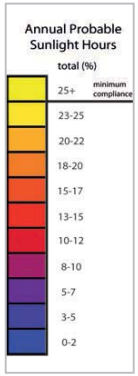
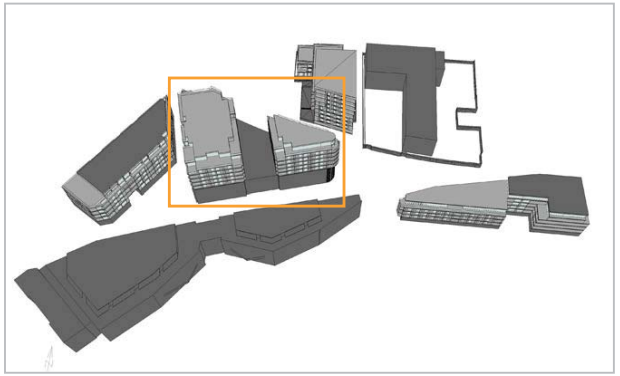
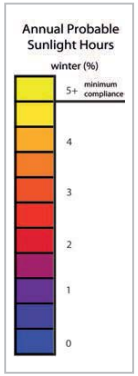


Figure 38: Plan View







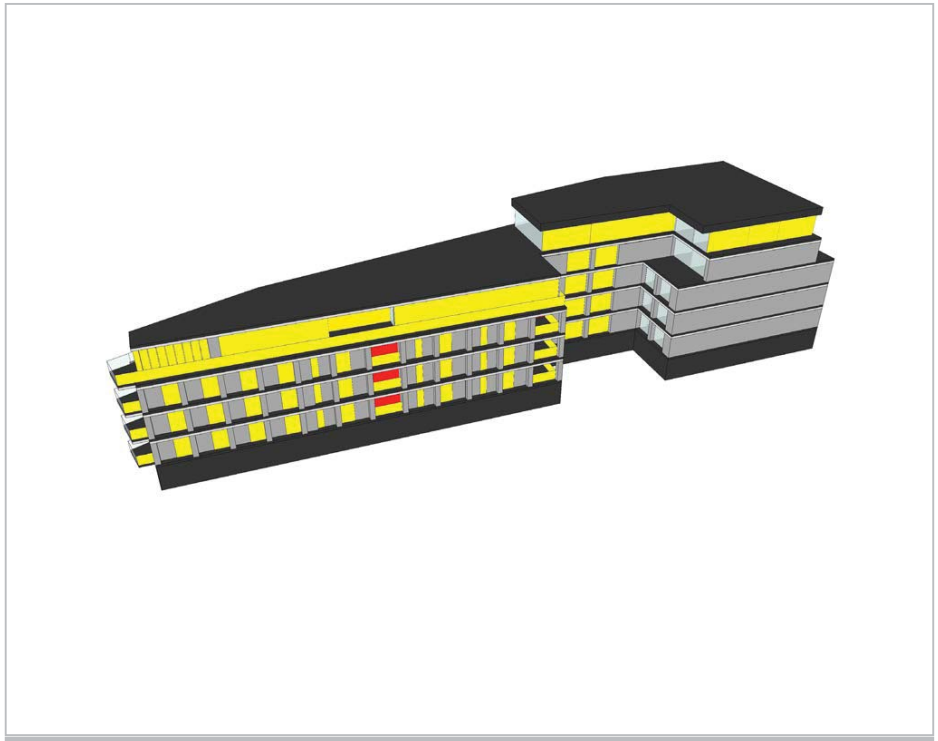


Figure 39: Plan View

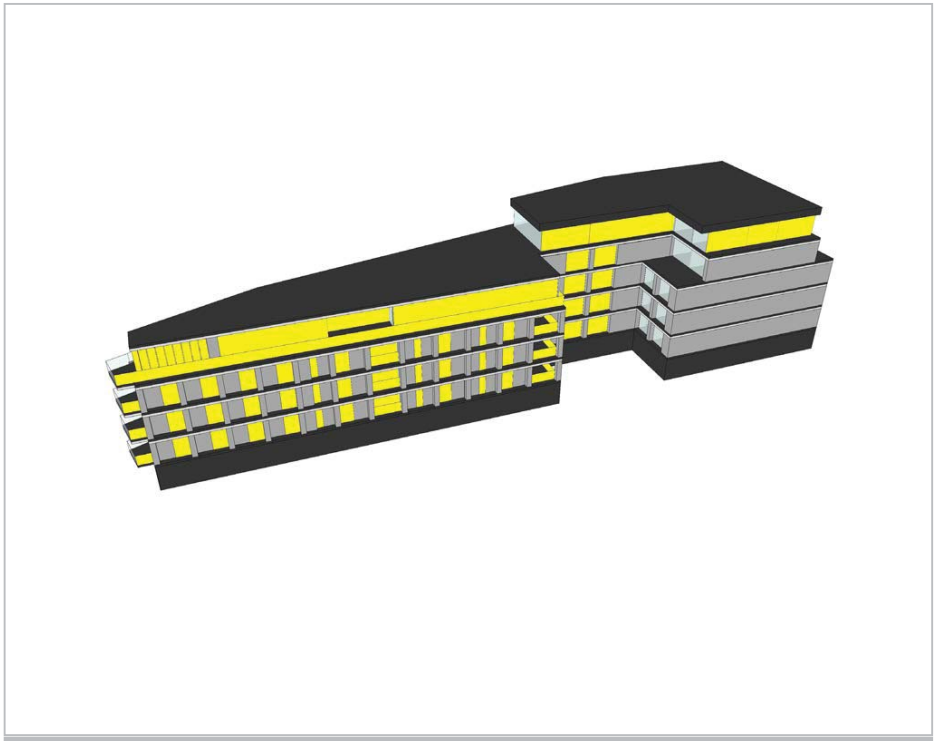
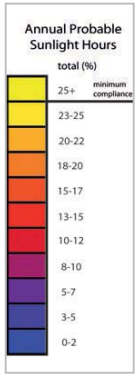
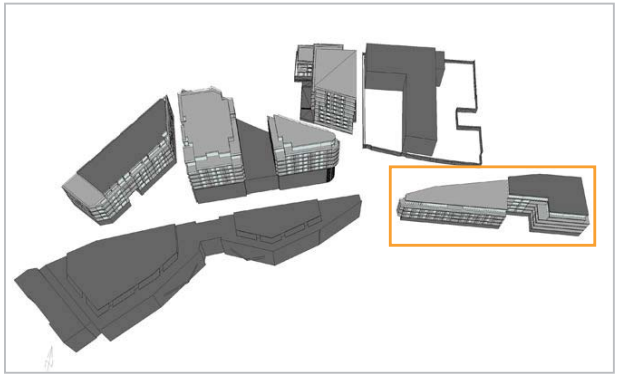
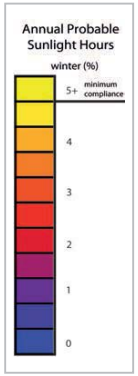


Figure 40: Plan View







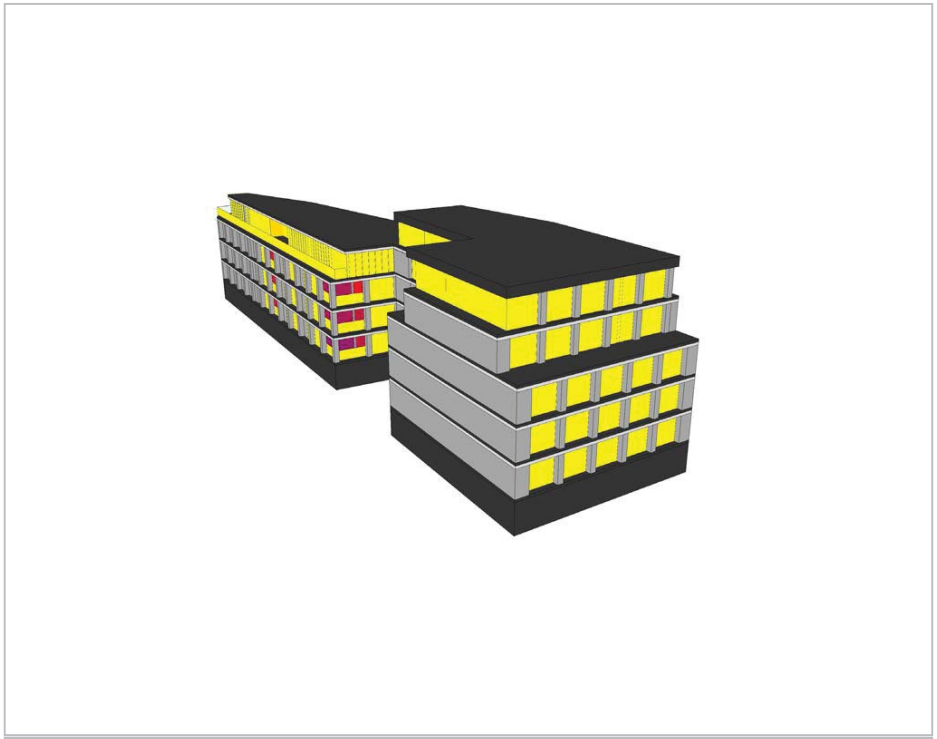


Figure 41: Plan View

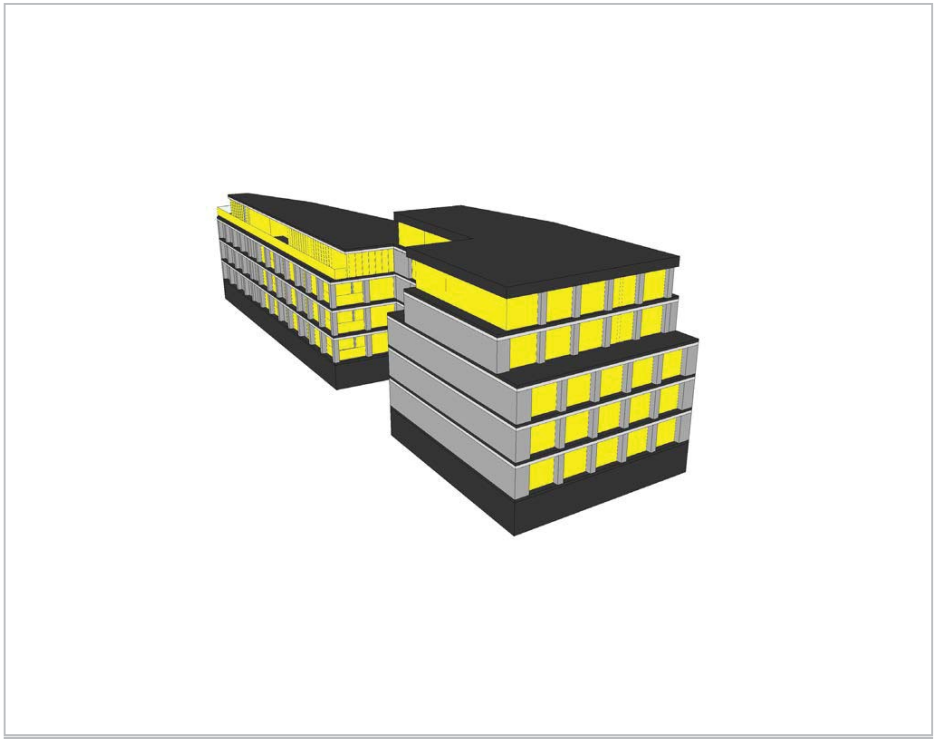


Figure 42: Plan View