



Daylight and Sunlight Report

Centre Heights

Swiss Cottage

May 2015

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Daylight and Sunlight Report

On the proposed Development at:

**Centre Heights
Finchley Road
Swiss Cottage
NW3 6JG**

Client: Anaspel Ltd

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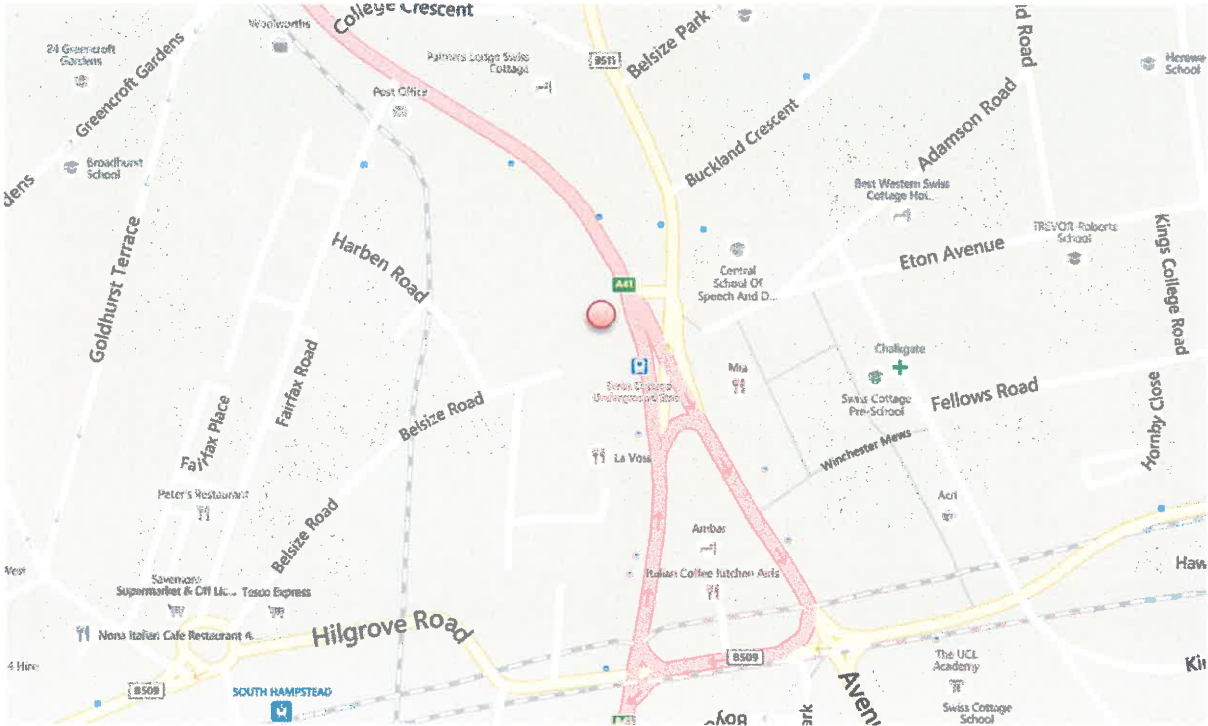
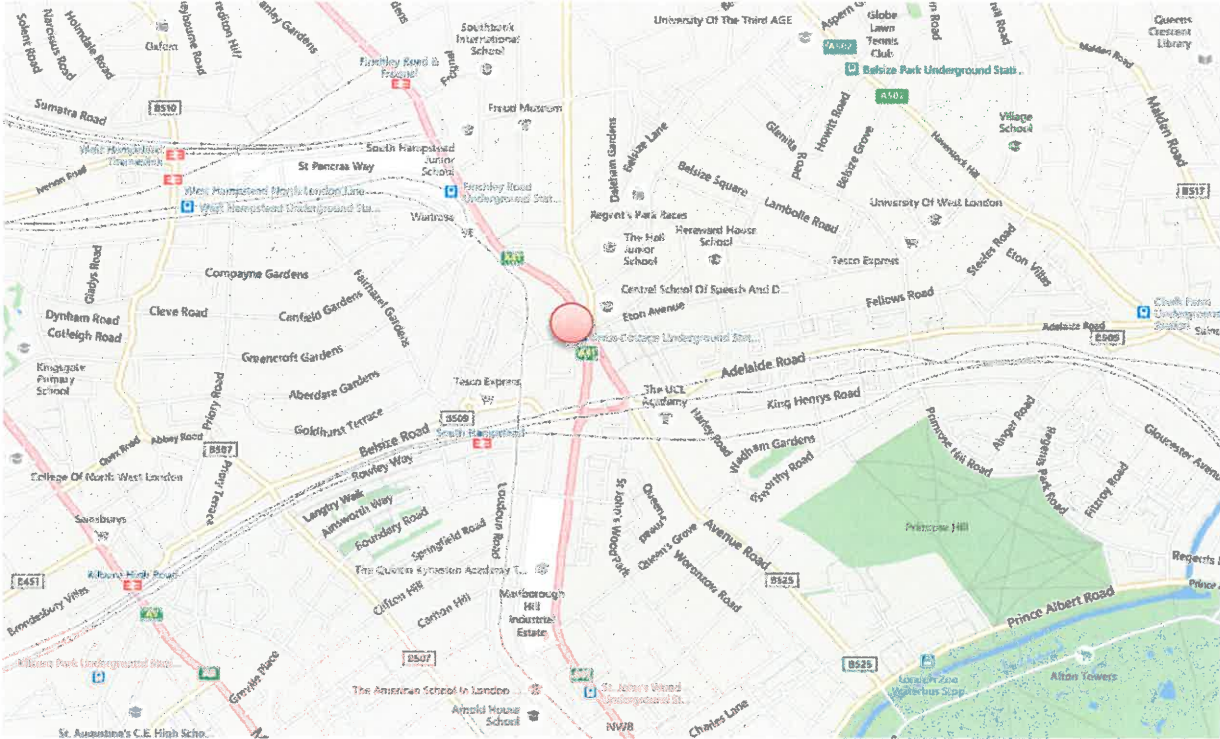
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1 Location Plan





2 Executive Summary

This report assesses the impact of the proposed, part two, part five storey residential Mews development and two storey penthouse extension, on the daylight and sunlight of the surrounding buildings. It also assesses the daylight and sunlight of the proposed residential development itself.

Analysis was carried out in accordance with the criteria set out for national discretionary guidance in the publication Site Layout Planning for Daylight and Sunlight published by the Building Research Establishment in 2011 (the BRE Report). The British Standard upon which this guidance is based is BS 8206-2:1992.

The British Standard current for this subject is BS 8206-2:2008 – Lighting for buildings. Code of practice for daylighting which superseded BS 8206-2:1992. Both Standards have been taken into account with superseded items having been substituted where appropriate.

The BRE Report states that the numerical values are advisory only and failure to meet the guideline criteria should not be used by Local Councils as an indicator as to whether a development is acceptable.

Surrounding Buildings

The results show that there is minimal impact on the daylight and sunlight of the surrounding residential properties. We have assessed the proposed Vertical Sky Component, No Sky Line, Average Daylight Factor and Annual Probable Sunlight Hour results and all figures fall in line with the criteria as set out in the national BRE; Site Layout Planning for Daylight and Sunlight good practice guide.

Development self-test

The results from the proposed Mews and Penthouses show that the daylighting figures fall in line with the BRE; Site Layout Planning for Daylight and Sunlight good practice guide. The sunlighting results to three windows in the Mews fall below the national BRE standard; however, for a built up location such as this, adequate levels of sunlight would be provided. Due to the proximity of the Mews flats and the amount of glazing present it is acceptable.

3 Introduction

The development site is known as Centre Heights, Finchley Road, Swiss Cottage NW3 6LG and is located next to Swiss Cottage underground station and North East of South Hampstead railway station.

This report considers the effects of the proposal on the daylight and sunlight to the proposed adjacent residential units and the scheme itself.

Anderson Wide and Harris has been instructed by Anaspel Ltd to undertake a daylight and sunlight impact assessment for the planned part five storey Mews and two storey penthouse development at Centre Heights.

The existing site, currently comprises of the Centre Heights building, with retail units to the ground floor and residential above, and a concrete multi-level car park to the rear.

The proposed development comprises of the following:

- Part two, part five storey residential 'Mews' to the West of Centre Heights
- Penthouses on top of the Centre Heights building
- A first floor retail space extension to the rear.

It has been identified that the proposed development has the potential to affect the levels of daylight and sunlight to the surrounding proposed schemes.

It should be noted that this assessment does not take into account Rights of Light, as it is not a material planning consideration and therefore, this issue has not been assessed as part of this report.

4 Scope of this Report

This report considers the daylight and sunlight issues against the criteria set out for national discretionary guidance in the publication Site Layout Planning for Daylight and Sunlight published by the Building Research Establishment in 2011 (The BRE Report).

The guide is intended for building designers and their clients, consultants and planning officials. The advice is not mandatory and the report should not be seen as part of planning policy. Its aim is to help rather than constrain the designer.

Although it gives numerical guidelines, these should be interpreted flexibly because natural light is only one of the many factors in site layout design.

In certain circumstances the planning authority may wish to use alternative target values.

For example, in a city centre, a high degree of obstruction may be unavoidable if new developments are to match the height and proportions of the existing buildings.

Government policy has emphasised the efficient use of brownfield land and the need to boost significantly the supply of housing, since the BRE Report was published in 2011. The British Standard current for this subject is BS 8206-2:2008 – Lighting for buildings. Code of practice for daylighting which superseded BS 8206-2:1992. The new British Standard has not altered the levels put forward in 1992, merely enhanced the methods by which light is calculated. The BRE report applies nationally and therefore it will be more difficult to obtain the required levels in urban areas compared to rural locations.

In the absence of other levels, this report relates to daylighting and sunlight levels to those of the BRE Report. For the reasons given in this paragraph and within the BRE Report, these levels should be seen as references and not as limiting values.

This report considers the effect the proposed development has on the surrounding residential buildings and the development itself.

Daylight and sunlight to non-residential units are not generally considered as they are not generally town-planning issues. Daylight to non-residential units has not been considered in this report.

The analyses used in this chapter are:

For daylight: The principles set out in Section 2 of the BRE Report – Light from the sky. i.e. the combined impacts of all direct sunlight and indirect skylight during the daytime.

For sunlight: The principles set out in Section 3 of the BRE Report – Sunlighting i.e. the impacts of only the direct sunlight

For internal daylighting: The principles set out in Appendix C of the BRE Report – Interior Daylighting Recommendations.

4.1 Daylight

The BRE Report advises that the diffuse daylighting to a building may be adversely affected by a development if, following that development, either:

- **The vertical sky component (VSC) at the centre of an existing main window is reduced to less than 27% or less than 0.8 times its former value; or**
- **The area of the working plane in a room that can receive direct skylight is reduced to less than 0.8 times its former value.**

This assessment is required for windows serving rooms in adjoining dwellings where daylight is required, including living rooms, kitchens and bedrooms.

According to the BRE Report, windows to bathrooms, toilets, store rooms, circulation areas and garages need not be assessed.

When assessing daylight, the numerical criteria must be viewed flexibly and should be considered against other site layout constraints. In addition, it is important to consider whether the adjoining building is itself a good neighbour, standing a reasonable distance from the boundary and not taking more than its fair share of light.

4.2 Sunlight

The BRE Report advises that the levels of sunlighting to the rooms within a new development will appear reasonably sunlit provided:

- **The windows can receive at least 25% of annual probable sunlight hours (APSH) including 5% during winter months; and**
- **Have at least one main window wall facing within 90° of due south.**

The BRE Report states that all main living rooms within 90° of due south should be assessed. It states that bedrooms are less important, although care should be taken not to block out too much sun.

The BRE Report guidelines refer to the method set out in BS 8206-2:1992 as the appropriate method to calculate sunlight.



The BRE Report specifically warns local planning authorities to exercise care when using this method of assessment in the existing building situation particularly when development has been historically undertaken close to the common boundary.

It is important to understand that people like and appreciate sunlight, although it is not an essential requirement of a dwelling, unlike daylight availability or access to a quiet noise environment. Therefore, larger reductions in sunlight may be acceptable if a new development is to match the height and proportion of the existing buildings nearby.

The BRE Report emphasises that the existing building section of the guide is “purely advisory” and that “Planning authorities may wish to use criteria based on the requirements for sunlight in particular types of development in particular areas”.

4.3 Internal Daylighting Distribution

The BRE Report advises that for the whole of a room to look adequately daylit, the following three criteria must be met:

(a) **Average Daylight Factor (ADF)**

The Average Daylight Factor calculation (ADF) enables a more accurate assessment of daylighting conditions as it assesses the internal illuminance within a room based on the average daylight factor, window size, and reflectance of internal surfaces enabling a more accurate assessment of daylight conditions.

The BRE Report advises that where supplementary electric lighting is available, the recommended daylight factor levels for dwellings are 2% for kitchens, 1.5% for living rooms and 1% for bedrooms. Additionally, for non-residential it specifies a minimum of 5% where no supplementary electric lighting is provided and 2% where electric lighting has been provided.

The average daylight factor is calculated using the following formula:

$$df \text{ (ADF)} = \frac{T A_w \Theta}{A (1-R^2)} \quad \%$$

Where

- T is the diffuse visible transmittance of the glazing.
- A_w is the net glazed area of the window (m²)
- A is the total area of room surfaces: ceiling, floor, walls and windows (m²)
- R is their average reflectance
- Θ is the angle of visible sky in degrees

(b) **Room Depth**

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

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

Where L is the depth of the room.
 W is the room width
 H is the window-head height above floor level
 R_b is the average reflectance of surfaces in the rear half of the room (away from the windows)

(c) Position of the no-sky line

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

However if an adjoining building contains rooms that are greater than 5 metres deep and lit only from one side then greater movement of the no sky line is unavoidable.

4.4 Determining Significance

The BRE Report states on Page 1:

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

The BRE Report states that the numerical values are advisory only and failure to meet the guideline criteria should not be used by Local Councils as an indicator as to whether a development is acceptable.

The BRE Report suggests alternative targets can be used:

- Where the site already has an extant planning permission that the development want to vary, the VSC and APSH (annual probably sunlight hours) of the permitted scheme may be used as alternative benchmarks.
- In a historic city centre environment, it is often not possible to achieve 27% VSC, therefore it is sensible to use a target value consistent with levels of daylight typically experienced in the street.
- Where an existing building has windows that are unusually close to the site boundary and taking more than their fair share of light, to ensure that new development matches the height and proportions of existing buildings, the VSC



and APSH targets for these windows could be set to those for a “mirror-image” building of the same height and size, and equal distance away on the other side of the boundary.



The BRE Report provides guidance on a semantic scale which can be used to describe the impact. This is summarised below:

Criteria	Impact Magnitude
<p>Where the decrease in daylight or sunlight fails to meet the guidelines and one or more the of the following scenarios applies:</p> <ul style="list-style-type: none"> • A large number of windows or large area of open space is affected • The loss of light is substantially outside the guidelines • All windows in a particular property are affected • The affected building or outdoor space has a particularly strong requirement for light, e.g. a living room in a dwelling or a children’s playground. 	Major Adverse
<p>Where the decrease in daylight or sunlight fails to meet the guidelines and a large number of windows or open space are affected;</p> <p>Or</p> <p>Here the decrease in daylight or sunlight fails to meet the guidelines, but one or more of the following scenarios applies:</p> <ul style="list-style-type: none"> • Only a small number of windows or limited area of open space is affected • The loss of light is only just outside the guidelines • An affected room has other sources of light • The affected building or outdoor space has a low level requirement for light. 	Minor Adverse
<p>Where the increase/decrease in daylight or sunlight fully meets the guidelines and only a small number of windows are affected</p> <p>And</p> <p>If there is an increase in daylight or sunlight, the increase is “tiny”.</p>	Negligible
<p>Where the increase in daylight or sunlight is small and/or the number of affected windows or area of open space affected is small.</p>	Minor Beneficial
<p>Where the increase in daylight or sunlight is large and/or the number of affected windows or area of open space affected is large.</p>	Major Beneficial

Note: Appendix I of the BRE report also suggests the use of “moderate adverse” and “moderate beneficial” impacts. However, there is no guidance on how to designate moderate impacts, although the guidance suggests that judgement should be use when classifying impact magnitude.

5 The Drawings

This report is prepared in respect of the scheme shown on the following drawings and attached in Appendix 4.

All proposed drawings were drawn and provided by Levitt Bernstein Associates Architecture.

We have not received detailed plans of the surrounding buildings.

Proposed Development

<u>Title</u>	<u>Drawing No</u>	<u>Date</u>
Mews Ground Floor Plan	3073 L 1100 P7	Jan 2015
Mews First Floor Plan	3073 L 1101 P7	Jan 2015
Mews Second Floor Plan	3073 L 1102 P7	Jan 2015
Mews Third Floor Plan	3073 L 1103 P7	Jan 2015
Mews Fourth Floor Plan	3073 L 1104 P1	Jan 2015
Mews Elevations	3073 L 1210 P1	Jan 2015
Mews Elevations	3073 L 1211 P1	Jan 2015
Penthouses Eleventh Floor Plan	3073 L 131	Jan 2015
Penthouses Twelfth Floor Plan	3073 L 132	Jan 2015
Penthouses Thirteenth Floor Plan	3073 L 133	Jan 2015

6 The Scheme

The proposal comprises of penthouses on top of Centre Heights building, a part two, part five storey Mews development to the west and a first floor retail extension to the rear. See figure 2 below.

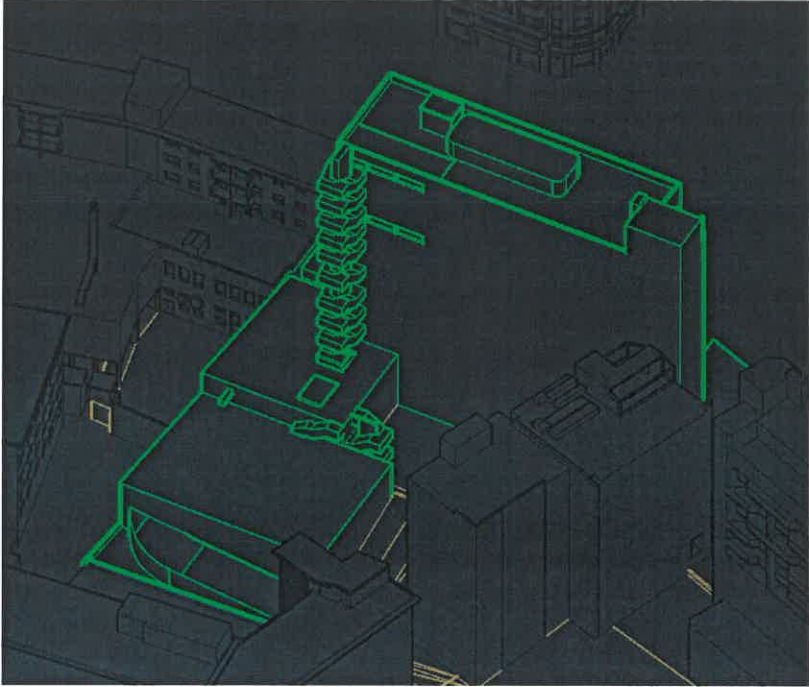


Figure 1: The existing site.

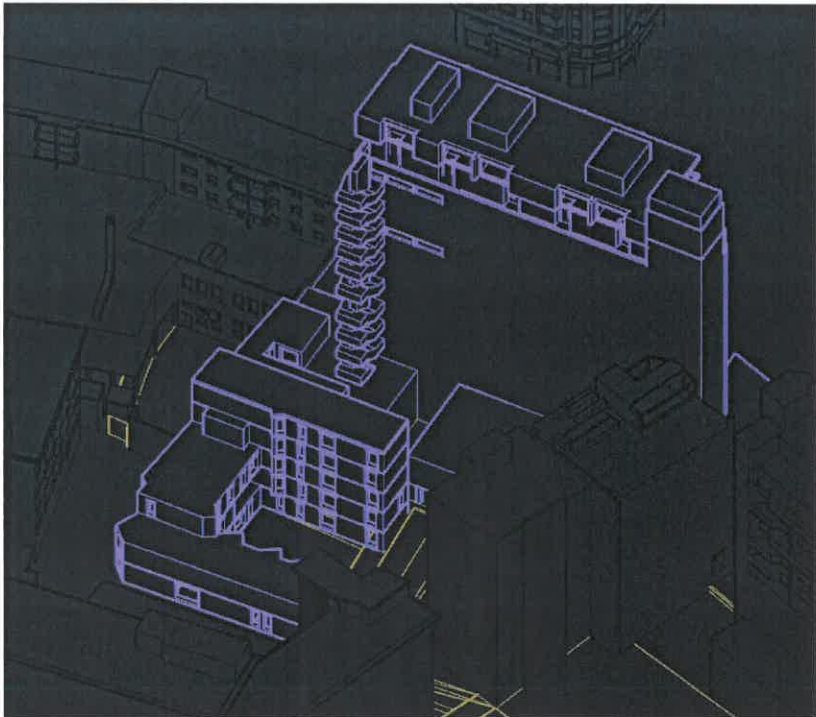


Figure 2: The proposed development

7 Description of the Surrounding Site

The property is located next to Swiss Cottage underground station on the west side of Finchley Road.

The site itself consists of the Centre Heights building and a multi-level car park to the rear.

To the south of the site is Cresta House with its rear car parking area. There is also some two storey residential properties on the other side of Belsize Road.

To the west of the site is Hickes House, this is a residential block of flats.

To the north-west of the site Campden House, this is a residential block of flats.

To the north of the site is Maresfield Court, this is a multi-use building with retail on the ground and first floors with residential above.

8 Results

8.1 Proposed Development

The Mews

The Mews consists of 11 Flats with many bedrooms and kitchen /dining areas. Daylighting tests of the Mews were taken by calculating the Average Daylight Factor (ADF) of the rooms.

All rooms pass the ADF test and in accordance with the BRE Guide we see that all habitable rooms of the Mews will have adequate daylighting upon completion.

In order for the new build flats in the Mews development to have satisfactory sunlight levels, they must have at least one main window wall facing within 90° of due south, and at least one window to a main living room that can receive 25% of APSH including 5% in the winter.

All flats to the Mews have a main window wall facing within 90° of due south.

However three of the flats will have a slight impact of the sunlight of their living rooms as they do not have a window with a minimum 25% APSH and 5% in the winter. These are listed below.

Flat 1 living room figures are 18% APSH and 0% in the winter.

Flat 2 living room figures are negligibly lower than required, with winter sun at 3%.

Flat 4 living room figures are negligibly lower than required, with winter sun at 3%.

Following assessment of the sunlighting to the Mews, we are of the opinion that for a development in a built up city location such as this, there will be adequate sunlighting to these flats of the Mews.

Penthouses

The Penthouses consists of 5 Flats with bedrooms and kitchen/dining areas. Daylighting tests of the Penthouses were taken by calculating the Average Daylight Factor (ADF) of the rooms.

All rooms pass the ADF test and in accordance with the BRE Guide we see that all habitable rooms of the Penthouses will have adequate daylighting upon completion.

Due to the height of the penthouses sunlighting is good to all of the windows and it will not be an issue for this development.

8.2 Surrounding Buildings

Hickes House

Hickes House has kitchen windows to Flat 2, Flat 3, Flat 4, and Flat 8 that do not satisfy the VSC test, the results are seen in Appendix 1. It should be noted that three of these windows are within 5% of passing. As advocated by the BRE guidelines, when these windows are tested at the edge of the protruding walkway above, they all pass. This confirms that due to the windows inset position, it is the design of Hickes House that is self harming.

When running the No Sky Line test on the rooms of Hickes House, all habitable rooms in the building passed, and in accordance with BRE good practice we do not see daylighting of Hickes House to be significantly affected.

Sunlighting is not considered in this report as the windows affected by the proposed development are within 90° of due north.

Campden House

All windows to Campden House pass the VSC test and daylighting will not be substantially affected by the proposed development.

Additionally, the sunlighting criteria is satisfied to all windows, sunlighting will not be substantially affected. All the windows to Campden House will receive at least 25% APSH and will have no less than 0.8 of their original value.

Maresfield Court

The residential windows of Maresfield Court all pass the VSC and No Sky Contour tests. There will not be any adverse impact to the buildings daylighting.

Due to the orientation of Maresfield Court (north of the proposed Mews), its' sunlighting is affected to the Lower ground floor and upper ground floor windows. However, as the only windows that do not satisfy the APSH test are to the rear of retail premises; which do not have a 'particular requirement for sunlight', we do not consider there to be a significant loss. All residential windows satisfy the Sunlighting test.

Swiss Terrace

As this building is not of residential use we have not considered its daylighting or sunlighting in this report.

Station House

It is our understanding that part of this building is being converted to residential. We have therefore included Station House in our daylight assessments. As the windows of the building are north facing we have not considered sunlighting.

There are two windows to the ground floor of station house fall short of the Vertical Sky Component test. However, the windows are both within 5% of satisfying this.

As per the BRE guide we ran further daylight tests, by assessing the No Sky Line contours. These all passed to Station House and we see that daylighting will not be significantly effected as a result of the development.

Cresta House

Both VSC and No Sky Contour tests are satisfied to Cresta House and we do not see that daylighting we see any adverse effect as a result of the development.

Due to the orientation of the building sunlighting is not considered. All windows pass the BRE tests.

Northways Parade

Daylighting and sunlighting tests, as set out by the BRE good practice guide, are satisfied to this building and we do not see there to be a significant affect to Northways Parade as a result of the development. All windows pass the BRE tests.

8.3 Outputs

Vertical Sky Component results

The Vertical Sky Component results for the surrounding properties and proposed development are attached in Appendix 1.

Average Daylight Factor

The Average Daylight Factor results for the proposed development are attached in Appendix 2.

No Sky Line

The No Sky Line results for the surrounding properties are attached in Appendix 3.

9 Conclusion

It is worth reiterating that the national BRE Report states that “care should be taken in applying these guidelines”, for example where the buildings stand very close or when a new development is to match the height and proportion of an existing building.

The BRE Report states that the numerical values are advisory only and failure to meet the guideline criteria should not be used by Local Councils as an indicator as to whether a development is acceptable.

The results show that the proposed development is in line with the national BRE Site Layout Planning for Daylight and Sunlight good practice guide.

We have looked at the Vertical Sky Component, No Sky Line and Average Daylight Factor tests and it is our opinion that there will be no adverse impact on the daylighting of the proposed development or any surrounding rooms.

The sunlighting of all surrounding residential windows is in accordance with the BRE guide and we see that there will be no noticeable effect of the sunlighting to these windows. When assessing the development itself, it appears that the Mews flats have some limited sunlighting to living room windows. As noted previously in this report, it is our opinion that considering the urban location of the Mews, its sunlighting is adequate.


The proposed development is therefore acceptable in daylight and sunlight terms.

We hope this Report covers all matters upon which you wished to be advised. However, if any items require clarification, please do not hesitate to contact us. We also take this opportunity to thank you earnestly for your esteemed instructions.

Signed:..........

Ben Salvage BSc (Hons) PgDip

and

Signed:..........

George Palos B.Sc (Eng.), ACGI FRICS FCIArb MAE MIET

Chartered Surveyor,

Managing Director

Anderson, Wilde & Harris

APPENDIX 1 VSC & APSH Results



Mews - Vertical Sky Component & Annual Probable Sunlight Hours

Building Ref	Floor	Room	Id	VSC	Test	Annual	Diff.	Test	Winter	Test
Mews Flat 1										
	Ground	NoRoomAttached	W1	Proposed	7.98	6			3	
	Ground	NoRoomAttached	W2	Proposed	9.11	*North Facing			*North Facing	
	Ground	NoRoomAttached	W3	Proposed	6.53	2			0	
	Ground	NoRoomAttached	W4	Proposed	7.92	*North Facing			*North Facing	
	Ground	NoRoomAttached	W5	Proposed	16.25	18			0	
	Ground	NoRoomAttached	W6	Proposed	15.47	15			0	
	First	NoRoomAttached	W1	Proposed	8.90	7			0	
	First	NoRoomAttached	W2	Proposed	14.07	*North Facing			*North Facing	
	First	NoRoomAttached	W3	Proposed	9.55	11			0	
	First	NoRoomAttached	W4	Proposed	13.06	*North Facing			*North Facing	
Mews Flat 2										
	Ground	NoRoomAttached	W1	Proposed	7.97	5			0	
	Ground	NoRoomAttached	W2	Proposed	3.18	*North Facing			*North Facing	
	Ground	NoRoomAttached	W3	Proposed	6.29	4			0	
	Ground	NoRoomAttached	W4	Proposed	18.48	30			3	
	First	NoRoomAttached	W1	Proposed	11.42	13			0	
	First	NoRoomAttached	W2	Proposed	5.43	*North Facing			*North Facing	
	First	NoRoomAttached	W3	Proposed	9.63	9			0	
Mews Flat 3										
	Ground	NoRoomAttached	W1	Proposed	12.82	33			7	
	Ground	NoRoomAttached	W2	Proposed	14.00	31			4	
	Ground	NoRoomAttached	W3	Proposed	12.67	20			1	
	Ground	NoRoomAttached	W4	Proposed	14.28	*North Facing			*North Facing	
	Ground	NoRoomAttached	W5	Proposed	11.05	*North Facing			*North Facing	



Mews - Vertical Sky Component & Annual Probable Sunlight Hours

Building Ref	Floor	Room	Id	VSC	Test	Annual	Diff.	Test	Winter	Test
	Ground	NoRoomA ttached	W6	Proposed	17.59			*North Facing		*North Facing
	Ground	NoRoomA ttached	W7	Proposed	16.14			*North Facing		*North Facing
Mews Flat 4										
	Ground	NoRoomA ttached	W1	Proposed	15.09			29		4
	Ground	NoRoomA ttached	W2	Proposed	18.84			29		3
	Ground	NoRoomA ttached	W3	Proposed	21.04			30		3
	Ground	NoRoomA ttached	W4	Proposed	20.81			27		2
Mews Flat 5										
	First	NoRoomA ttached	W1	Proposed	6.74			30		7
	First	NoRoomA ttached	W2	Proposed	20.59			*North Facing		*North Facing
	First	NoRoomA ttached	W3	Proposed	17.22			33		6
	First	NoRoomA ttached	W4	Proposed	15.66			*North Facing		*North Facing
	First	NoRoomA ttached	W5	Proposed	17.77			*North Facing		*North Facing
Mews Flat 6										
	First	NoRoomA ttached	W1	Proposed	21.97			37		7
	First	NoRoomA ttached	W2	Proposed	23.84			34		5
	First	NoRoomA ttached	W3	Proposed	25.19			37		5
	First	NoRoomA ttached	W4	Proposed	1.29			*North Facing		*North Facing
	First	NoRoomA ttached	W5	Proposed	24.23			31		4
	First	NoRoomA ttached	W6	Proposed	8.04			15		3
Mews Flat 7										
	Second	NoRoomA ttached	W6	Proposed	27.33			*North Facing		*North Facing
	Second	NoRoomA ttached	W7	Proposed	25.61			*North Facing		*North Facing
	Second	NoRoomA ttached	W8	Proposed	20.65			*North Facing		*North Facing
	Second	NoRoomA ttached	W9	Proposed	26.94			38		9
Mews Flat 8										



Mews - Vertical Sky Component & Annual Probable Sunlight Hours

Building Ref	Floor	Room	Id	Proposed	VSC	Test	Annual	Diff.	Test	Winter	Test
	Second	NoRoomAttached	W1	Proposed	26.45		45			10	
	Second	NoRoomAttached	W2	Proposed	29.07		41			9	
	Second	NoRoomAttached	W3	Proposed	29.15		44			9	
	Second	NoRoomAttached	W4	Proposed	27.43		37			5	
	Second	NoRoomAttached	W5	Proposed	1.23		*North Facing			*North Facing	
Mews Flat 9											
	Third	NoRoomAttached	W1	Proposed	30.01		52			17	
	Third	NoRoomAttached	W2	Proposed	32.75		47			14	
	Third	NoRoomAttached	W3	Proposed	32.50		50			13	
	Third	NoRoomAttached	W4	Proposed	30.84		42			7	
	Third	NoRoomAttached	W5	Proposed	7.45		*North Facing			*North Facing	
	Third	NoRoomAttached	W6	Proposed	9.85		17			2	
	Third	NoRoomAttached	W7	Proposed	9.98		*North Facing			*North Facing	
	Third	NoRoomAttached	W8	Proposed	13.50		25			6	
	Third	NoRoomAttached	W9	Proposed	18.48		32			6	
	Third	NoRoomAttached	W10	Proposed	20.20		*North Facing			*North Facing	
Mews Flat 10											
	Third	NoRoomAttached	W1	Proposed	9.85		17			2	
	Third	NoRoomAttached	W2	Proposed	9.98		*North Facing			*North Facing	
	Third	NoRoomAttached	W3	Proposed	13.50		25			6	
	Third	NoRoomAttached	W4	Proposed	18.48		32			6	
	Third	NoRoomAttached	W5	Proposed	20.20		*North Facing			*North Facing	
Mews Flat 11											
	Fourth	NoRoomAttached	W1	Proposed	33.34		55			20	
	Fourth	NoRoomAttached	W2	Proposed	35.72		49			15	



Mews - Vertical Sky Component & Annual Probable Sunlight Hours

Building Ref	Floor	Room	Id	VSC	Test	Annual	Diff.	Test	Winter	Test
	Fourth	NoRoomA ttached	W3	Proposed	35.58	53			16	
	Fourth	NoRoomA ttached	W4	Proposed	34.08	47			11	
	Fourth	NoRoomA ttached	W5	Proposed	9.42	*North Facing			*North Facing	



Penthouses - Vertical Sky Component & Annual Probable Sunlight Hours

Building Ref	Floor	Room	Id	VSC	Diff.	Test	Annual	Diff.	Test	Winter	Diff.	Test	
Penthouse Flat 1	Eleventh	NoRoomAttached	W1	Existing	37.97	0.55	FAIL	56	0.48	PASS	15	0.80	PASS
	Eleventh	NoRoomAttached	W11	Existing	39.62	0.88	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	21.00	27	12						
	Eleventh	NoRoomAttached	W12	Existing	35.84	0.84	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	34.71	72	19						
	Twelfth	NoRoomAttached	W1	Existing	39.62	0.94	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	30.23	51	15						
	Twelfth	NoRoomAttached	W15	Existing	39.62	1.00	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	37.21	53	15						
	Twelfth	NoRoomAttached	W16	Existing	39.62	1.00	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
Proposed				39.55	66	24							
Twelfth	NoRoomAttached	W17	Existing	39.61	0.88	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	
			Proposed	39.61	82	28							
Penthouse Flat 2	Eleventh	NoRoomAttached	W2	Existing	39.47	0.50	FAIL	65	0.43	PASS	23	0.26	PASS
	Eleventh	NoRoomAttached	W10	Existing	39.62	0.84	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	19.72	28	6						
	Twelfth	NoRoomAttached	W2	Existing	39.62	0.94	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	
				Proposed	33.37	66	24						
	Twelfth	NoRoomAttached	W13	Existing	39.62	1.00	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	
				Proposed	37.26	53	15						
	Twelfth	NoRoomAttached	W14	Existing	39.62	1.00	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	
				Proposed	39.52	66	24						
	Penthouse Flat 3	Eleventh	NoRoomAttached	W3	Existing	39.55	0.51	FAIL	66	0.39	PASS	24	0.50
Eleventh		NoRoomAttached	W9	Existing	39.62	0.84	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	20.00	26	12						
Twelfth		NoRoomAttached	W3	Existing	39.62	0.94	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	
				Proposed	33.40	66	24						
Twelfth		NoRoomAttached	W11	Existing	39.62	1.00	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	
				Proposed	37.25	53	15						
Twelfth		NoRoomAttached	W12	Existing	39.62	1.00	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	
				Proposed	39.52	66	24						
Penthouse Flat 4		Eleventh	NoRoomAttached	W4	Existing	39.42	0.50	FAIL	66	0.42	PASS	24	0.25
	Eleventh	NoRoomAttached	W8	Existing	39.62	0.84	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	19.70	28	6						
				Proposed	33.26	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing			



Penthouses - Vertical Sky Component & Annual Probable Sunlight Hours

Building Ref	Floor	Room	Id	Existing	VSC	Diff.	Test	Annual	Diff.	Test	Winter	Diff.	Test	
	Twelfth	NoRoomAttached	W4	Existing	39.62	0.94	PASS	66	0.80	PASS	24	0.63	PASS	
	Twelfth	NoRoomAttached	W9	Proposed	37.26	1.00	PASS	53	*North Facing	*North Facing	15	*North Facing	*North Facing	
				Existing	39.62			*North Facing			*North Facing			
	Twelfth	NoRoomAttached	W10	Existing	39.62	1.00	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	
				Proposed	39.50			*North Facing			*North Facing			
	Penthouse Flat 5	Eleventh	NoRoomAttached	W5	Existing	38.65	0.52	FAIL	66	0.41	PASS	24	0.25	PASS
Eleventh		NoRoomAttached	W6	Proposed	20.05	0.93	PASS	27	*North Facing	*North Facing	6	*North Facing	*North Facing	
				Existing	39.62			*North Facing			*North Facing			
Eleventh		NoRoomAttached	W7	Existing	39.62	0.87	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	
				Proposed	34.49			*North Facing			*North Facing			
Twelfth		NoRoomAttached	W5	Existing	39.62	0.94	PASS	66	0.80	PASS	24	0.63	PASS	
Twelfth		NoRoomAttached	W6	Proposed	37.26	1.00	PASS	53	*North Facing	*North Facing	15	*North Facing	*North Facing	
				Existing	39.62			*North Facing			*North Facing			
Twelfth		NoRoomAttached	W7	Existing	39.62	1.00	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	
				Proposed	39.44			*North Facing			*North Facing			
Twelfth		NoRoomAttached	W8	Existing	39.62	1.00	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	
				Proposed	39.59			*North Facing			*North Facing			
					Existing	39.62	1.00	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
					Proposed	39.51			*North Facing			*North Facing		



Hickes House - Vertical Sky Component

Building Ref	Floor	Room	Id		VSC	Diff.	Test	Annual	Diff.	Test	Winter	Diff.	Test
Flat 35	Fifth	NoRoomA ttached	W1	Existing	11.03	0.91	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	10.08			*North Facing		*North Facing			
Hickes House Flat 36	Fifth	NoRoomA ttached	W1	Existing	10.72	0.89	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	9.58			*North Facing		*North Facing			
Hickes House Flat 38	Fifth	NoRoomA ttached	W4	Existing	11.64	1.00	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	11.62			*North Facing		*North Facing			
Hickes House Flat 39	Fifth	NoRoomA ttached	W1	Existing	8.51	1.00	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	8.51			*North Facing		*North Facing			
Hickes House Flat 40	Sixth	NoRoomA ttached	W4	Existing	12.32	0.91	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	11.16			*North Facing		*North Facing			
Hickes House Flat 41	Sixth	NoRoomA ttached	W4	Existing	12.88	0.92	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	11.89			*North Facing		*North Facing			
Hickes House Flat 42	Sixth	NoRoomA ttached	W1	Existing	13.13	0.93	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	12.20			*North Facing		*North Facing			
Hickes House Flat 43	Sixth	NoRoomA ttached	W1	Existing	13.36	0.94	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	12.59			*North Facing		*North Facing			



Campden House - Vertical Sky Component & Annual Probable Sunlight Hours

Building Ref	Floor	Room	Id		VSC	Diff.	Test	Annual	Diff.	Test	Winter	Diff.	Test
Campden House Flat 23	Third	NoRoomAttached	W2	Proposed	26.10	0.98	PASS	43	0.89	PASS	15	1.00	PASS
				Existing	26.66			47			16		
				Proposed	26.00			42			16		
Campden House Flat 24	Third	NoRoomAttached	W1	Existing	26.42	0.97	PASS	43	1.00	PASS	17	1.00	PASS
				Proposed	25.57			43			17		
				Existing	26.14			42			16		
Campden House Flat 25	Fourth	NoRoomAttached	W1	Existing	25.83	0.95	PASS	42	0.95	PASS	18	0.89	PASS
				Proposed	24.45			40			16		
				Existing	25.09			40			16		
Campden House Flat 26	Fourth	NoRoomAttached	W2	Proposed	23.35	0.93	PASS	39	0.98	PASS	15	0.94	PASS
				Existing	26.84			44			17		
				Proposed	25.84			44			17		
Campden House Flat 27	Fourth	NoRoomAttached	W2	Existing	27.04	0.97	PASS	45	0.98	PASS	19	0.95	PASS
				Proposed	26.13			44			18		
				Existing	27.34			47			19		
Campden House Flat 28	Fourth	NoRoomAttached	W1	Existing	27.34	0.97	PASS	47	0.98	PASS	19	1.00	PASS
				Proposed	26.63			46			19		
				Existing	27.68			49			19		
Campden House Flat 29	Fourth	NoRoomAttached	W2	Proposed	26.97	0.92	PASS	45	0.92	PASS	19	1.00	PASS
				Existing	27.98			49			18		
				Proposed	27.26			51			20		
Campden House Flat 30	Fourth	NoRoomAttached	W1	Existing	28.26	0.97	PASS	51	0.98	PASS	20	1.00	PASS
				Proposed	27.53			50			20		
				Existing	28.04			47			15		
Campden House Flat 31	Fourth	NoRoomAttached	W2	Existing	28.04	0.98	PASS	47	0.98	PASS	15	1.00	PASS
				Proposed	27.36			46			15		
				Existing	28.39			35			12		
Campden House Flat 32	Fourth	NoRoomAttached	W3	Existing	27.73	1.00	PASS	33	1.00	PASS	12	1.00	PASS
				Proposed	28.53			37			7		
				Existing	28.53			37			7		
Campden House Flat 33	Fifth	NoRoomAttached	W1	Existing	28.53	1.00	PASS	37	1.00	PASS	7	1.00	PASS
				Proposed	28.53			37			7		
				Existing	32.31			47			15		
Campden House Flat 34	Fifth	NoRoomAttached	W2	Existing	32.31	1.00	PASS	47	1.00	PASS	15	1.00	PASS
				Proposed	32.31			47			15		
				Existing	30.56			37			13		
Campden House Flat 35	Fifth	NoRoomAttached	W3	Existing	29.87	0.98	PASS	34	0.96	PASS	13	1.00	PASS
				Proposed	29.87			51			18		
				Existing	30.45			51			18		
Campden House Flat 36	Fifth	NoRoomAttached	W1	Proposed	29.74	0.98	PASS	49	0.98	PASS	18	1.00	PASS
				Existing	22.93			40			18		
				Proposed	22.15			39			18		
Campden House Flat 37	Fifth	NoRoomAttached	W2	Existing	22.58	0.97	PASS	39	1.00	PASS	18	1.00	PASS
				Proposed	22.15			39			18		
				Existing	22.58			39			18		
Campden				Proposed	21.79			39			18		



Campden House - Vertical Sky Component & Annual Probable Sunlight Hours

Building Ref	Floor	Room	Id		VSC	Diff.	Test	Annual	Diff.	Test	Winter	Diff.	Test
House Flat 37	Fifth	NoRoomAttached	W1	Existing	22.22	0.97	PASS	39	0.90	PASS	18	1.00	PASS
				Proposed	21.45			35			18		
	Fifth	NoRoomAttached	W2	Existing	21.85	0.97	PASS	37	0.95	PASS	18	1.00	PASS
				Proposed	21.10			35			18		
Campden House Flat 38	Fifth	NoRoomAttached	W1	Existing	21.53	0.97	PASS	34	0.97	PASS	17	1.00	PASS
				Proposed	20.79			33			17		
	Fifth	NoRoomAttached	W2	Existing	21.33	0.97	PASS	37	0.95	PASS	16	1.00	PASS
				Proposed	20.63			35			16		
Campden House Flat 39	Sixth	NoRoomAttached	W1	Existing	26.90	1.00	PASS	39	1.00	PASS	19	1.00	PASS
				Proposed	26.90			39			19		
	Sixth	NoRoomAttached	W2	Existing	21.04	0.97	PASS	25	0.96	PASS	13	1.00	PASS
				Proposed	20.32			24			13		
			Existing	25.30	0.97	PASS	43	0.93	PASS	18	1.00	PASS	
			Proposed	24.54			40			18			



Maresfield Court - Vertical Sky Component & Annual Probable Sunlight Hours

Building Ref	Floor	Room	Id		VSC	Diff.	Test	Annual	Diff.	Test	Winter	Diff.	Test
Maresfield Court	Basement	NoRoomA ttached	W3	Existing	15.50	0.86	PASS	25	0.84	PASS	7	0.43	FAIL
				Proposed	13.33			21			3		
	Basement	NoRoomA ttached	W4	Existing	16.79	0.86	PASS	27	0.81	PASS	6	0.33	FAIL
				Proposed	14.42			22			2		
	Basement	NoRoomA ttached	W7	Existing	19.36	0.87	PASS	24	0.83	PASS	3	0.67	FAIL
				Proposed	16.86			20			2		
	Basement	NoRoomA ttached	W10	Existing	17.60	0.90	PASS	18	0.72	FAIL	1	1.00	PASS
				Proposed	15.77			13			1		
	Ground	NoRoomA ttached	W1	Existing	20.83	0.93	PASS	36	0.92	PASS	12	0.75	PASS
				Proposed	19.32			33			9		
	Ground	NoRoomA ttached	W2	Existing	26.06	0.93	PASS	40	0.90	PASS	12	0.67	PASS
				Proposed	24.16			36			8		
	Ground	NoRoomA ttached	W3	Existing	28.33	0.92	PASS	40	0.93	PASS	11	0.73	PASS
				Proposed	25.94			37			8		
	Ground	NoRoomA ttached	W4	Existing	29.36	0.88	PASS	40	0.90	PASS	9	0.56	PASS
				Proposed	25.90			36			5		
	Ground	NoRoomA ttached	W5	Existing	28.96	0.85	PASS	40	0.83	PASS	9	0.33	FAIL
				Proposed	24.60			33			3		
	Ground	NoRoomA ttached	W6	Existing	27.17	0.82	PASS	38	0.76	PASS	6	0.17	FAIL
				Proposed	22.20			29			1		
	Ground	NoRoomA ttached	W7	Existing	22.42	0.83	PASS	27	0.70	FAIL	3	0.67	FAIL
				Proposed	18.65			19			2		
	First	NoRoomA ttached	W1	Existing	33.98	0.99	PASS	47	1.00	PASS	14	1.00	PASS
				Proposed	33.54			47			14		
	First	NoRoomA ttached	W2	Existing	33.47	0.99	PASS	47	1.00	PASS	14	1.00	PASS
				Proposed	33.04			47			14		
	First	NoRoomA ttached	W3	Existing	27.34	0.98	PASS	29	1.00	PASS	9	1.00	PASS
				Proposed	26.87			29			9		
First	NoRoomA ttached	W4	Existing	23.64	0.98	PASS	28	0.96	PASS	11	0.91	PASS	
			Proposed	23.09			27			10			
First	NoRoomA ttached	W5	Existing	19.55	0.96	PASS	27	0.96	PASS	11	0.91	PASS	
			Proposed	18.79			26			10			
First	NoRoomA ttached	W6	Existing	23.46	0.97	PASS	36	0.97	PASS	11	0.91	PASS	
			Proposed	22.67			35			10			
First	NoRoomA ttached	W7	Existing	29.67	0.97	PASS	39	0.95	PASS	9	0.78	PASS	
			Proposed	28.82			37			7			
First	NoRoomA ttached	W8	Existing	28.76	0.97	PASS	36	0.94	PASS	8	0.75	PASS	
			Proposed	27.88			34			6			
Second	NoRoomA ttached	W1	Existing	34.63	0.99	PASS	48	1.00	PASS	15	1.00	PASS	
			Proposed	34.39			48			15			
Second	NoRoomA ttached	W2	Existing	34.26	1.00	PASS	47	1.00	PASS	14	1.00	PASS	
			Proposed	34.09			47			14			
Second	NoRoomA ttached	W3	Existing	28.03	1.00	PASS	30	1.00	PASS	10	1.00	PASS	
			Proposed	27.90			30			10			



Maresfield Court - Vertical Sky Component & Annual Probable Sunlight Hours

Building Ref	Floor	Room	Id	VSC	Diff.	Test	Annual	Diff.	Test	Winter	Diff.	Test	
	Second	NoRoomA ttached	W4	Existing	24.47	0.99	PASS	28	1.00	PASS	11	1.00	PASS
				Proposed	24.30			28			11		
	Second	NoRoomA ttached	W5	Existing	20.53	0.98	PASS	29	1.00	PASS	11	1.00	PASS
				Proposed	20.19			29			11		
	Second	NoRoomA ttached	W6	Existing	24.32	0.99	PASS	36	1.00	PASS	11	1.00	PASS
				Proposed	23.99			36			11		
	Second	NoRoomA ttached	W7	Existing	30.59	0.99	PASS	39	1.00	PASS	9	1.00	PASS
				Proposed	30.25			39			9		
	Second	NoRoomA ttached	W8	Existing	29.55	0.99	PASS	36	1.00	PASS	8	1.00	PASS
				Proposed	29.22			36			8		
	Third	NoRoomA ttached	W1	Existing	28.03	1.00	PASS	37	1.00	PASS	14	1.00	PASS
				Proposed	28.03			37			14		
	Third	NoRoomA ttached	W2	Existing	27.81	1.00	PASS	36	1.00	PASS	13	1.00	PASS
				Proposed	27.81			36			13		
	Third	NoRoomA ttached	W3	Existing	24.53	1.00	PASS	32	1.00	PASS	12	1.00	PASS
				Proposed	24.53			32			12		
	Third	NoRoomA ttached	W4	Existing	24.84	1.00	PASS	30	1.00	PASS	12	1.00	PASS
				Proposed	24.84			30			12		
	Third	NoRoomA ttached	W5	Existing	21.74	1.00	PASS	31	1.00	PASS	12	1.00	PASS
				Proposed	21.74			31			12		
	Third	NoRoomA ttached	W6	Existing	22.72	1.00	PASS	30	1.00	PASS	10	1.00	PASS
				Proposed	22.72			30			10		
	Third	NoRoomA ttached	W7	Existing	26.20	1.00	PASS	34	1.00	PASS	10	1.00	PASS
				Proposed	26.20			34			10		
	Third	NoRoomA ttached	W8	Existing	25.03	1.00	PASS	33	1.00	PASS	9	1.00	PASS
				Proposed	25.03			33			9		

awh Station House - Vertical Sky Component

Building Ref	Floor	Room	Id	VSC	Diff.	Test	Annual	Diff.	Test	Winter	Test	
Station House	Ground	NoRoomA ttached	W1	Existing	15.12	0.76	FAIL	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	11.53			*North Facing		*North Facing		
	Ground	NoRoomA ttached	W2	Existing	16.26	0.75	FAIL	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	12.23			*North Facing		*North Facing		
	First	NoRoomA ttached	W1	Existing	16.56	0.89	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	14.75			*North Facing		*North Facing		
	First	NoRoomA ttached	W2	Existing	17.84	0.87	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	15.59			*North Facing		*North Facing		
	Second	NoRoomA ttached	W1	Existing	17.72	0.94	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	16.57			*North Facing		*North Facing		
	Second	NoRoomA ttached	W2	Existing	19.12	0.92	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	17.64			*North Facing		*North Facing		
	Third	NoRoomA ttached	W1	Existing	18.81	0.96	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	18.09			*North Facing		*North Facing		
	Third	NoRoomA ttached	W2	Existing	20.37	0.95	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	19.39			*North Facing		*North Facing		
	Fourth	NoRoomA ttached	W1	Existing	20.00	0.95	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	19.04			*North Facing		*North Facing		
	Fourth	NoRoomA ttached	W2	Existing	21.77	0.94	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	20.52			*North Facing		*North Facing		
	Fifth	NoRoomA ttached	W1	Existing	21.48	0.93	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	20.08			*North Facing		*North Facing		
	Fifth	NoRoomA ttached	W2	Existing	24.04	0.93	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	22.32			*North Facing		*North Facing		



Cresta House - Vertical Sky Component & Annual Probable Sunlight Hours

Building Ref	Floor	Room	Id		VSC	Diff.	Test	Annual	Diff.	Test	Winter	Diff.	Test
Cresta House	Ground	NoRoomAttached	W1	Existing	4.34	1.00	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	4.34			*North Facing			*North Facing		
	Ground	NoRoomAttached	W2	Existing	14.35	0.99	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	14.25			*North Facing			*North Facing		
	Ground	NoRoomAttached	W3	Existing	11.53	0.99	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	11.42			*North Facing			*North Facing		
	Ground	NoRoomAttached	W4	Existing	1.85	1.00	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	1.85			*North Facing			*North Facing		
	First	NoRoomAttached	W1	Existing	6.70	1.00	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	6.70			*North Facing			*North Facing		
	First	NoRoomAttached	W2	Existing	17.71	0.99	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	17.56			*North Facing			*North Facing		
	First	NoRoomAttached	W3	Existing	15.17	0.99	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	15.01			*North Facing			*North Facing		
	First	NoRoomAttached	W4	Existing	2.67	1.00	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	2.66			*North Facing			*North Facing		
	Second	NoRoomAttached	W1	Existing	17.58	0.98	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	17.22			*North Facing			*North Facing		
	Second	NoRoomAttached	W2	Existing	23.08	0.99	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	22.88			*North Facing			*North Facing		
	Second	NoRoomAttached	W3	Existing	18.92	0.99	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	18.66			*North Facing			*North Facing		
	Second	NoRoomAttached	W4	Existing	5.09	0.98	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	5.00			*North Facing			*North Facing		
	Third	NoRoomAttached	W1	Existing	5.67	1.00	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	5.66			*North Facing			*North Facing		
	Third	NoRoomAttached	W2	Existing	18.84	0.98	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	18.53			*North Facing			*North Facing		
	Third	NoRoomAttached	W3	Existing	22.18	0.98	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	21.73			*North Facing			*North Facing		
	Third	NoRoomAttached	W4	Existing	5.47	0.96	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	5.26			*North Facing			*North Facing		
	Fourth	NoRoomAttached	W1	Existing	6.74	0.99	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	6.68			*North Facing			*North Facing		
	Fourth	NoRoomAttached	W2	Existing	20.18	0.97	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	19.67			*North Facing			*North Facing		
	Fourth	NoRoomAttached	W3	Existing	25.74	0.97	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	25.74			*North Facing			*North Facing		



Cresta House - Vertical Sky Component & Annual Probable Sunlight Hours

Building Ref	Floor	Room	Id		VSC	Diff.	Test	Annual	Diff.	Test	Winter	Diff.	Test
				Proposed	24.99			*North Facina *North Facing			*North Facina *North Facing		
	Fourth	NoRoomA ttached	W4	Existing	8.90	0.94	PASS		*North Facing	*North Facing		*North Facing	*North Facing
				Proposed	8.38			*North Facina *North Facing			*North Facina *North Facing		
	Fifth	NoRoomA ttached	W1	Existing	25.18	0.97	PASS		*North Facing	*North Facing		*North Facing	*North Facing
				Proposed	24.38			*North Facina *North Facing			*North Facina *North Facing		
	Fifth	NoRoomA ttached	W2	Existing	26.63	0.97	PASS		*North Facing	*North Facing		*North Facing	*North Facing
				Proposed	25.97			*North Facina *North Facing			*North Facina *North Facing		
	Fifth	NoRoomA ttached	W3	Existing	29.08	0.97	PASS		*North Facing	*North Facing		*North Facing	*North Facing
				Proposed	28.07			*North Facina *North Facing			*North Facina *North Facing		
	Fifth	NoRoomA ttached	W4	Existing	12.22	0.94	PASS		*North Facing	*North Facing		*North Facing	*North Facing
				Proposed	11.45			*North Facina *North Facing			*North Facina *North Facing		
	Sixth	NoRoomA ttached	W1	Existing	10.54	0.98	PASS		*North Facing	*North Facing		*North Facing	*North Facing
				Proposed	10.34			*North Facina *North Facing			*North Facina *North Facing		
	Sixth	NoRoomA ttached	W2	Existing	22.46	0.96	PASS		*North Facing	*North Facing		*North Facing	*North Facing
				Proposed	21.64			*North Facina *North Facing			*North Facina *North Facing		
	Sixth	NoRoomA ttached	W3	Existing	31.37	0.96	PASS		*North Facing	*North Facing		*North Facing	*North Facing
				Proposed	30.14			*North Facina *North Facing			*North Facina *North Facing		
	Sixth	NoRoomA ttached	W4	Existing	14.52	0.92	PASS		*North Facing	*North Facing		*North Facing	*North Facing
				Proposed	13.41			*North Facina *North Facing			*North Facina *North Facing		
	Seventh	NoRoomA ttached	W1	Existing	30.60	0.96	PASS		*North Facing	*North Facing		*North Facing	*North Facing
				Proposed	29.40			*North Facina *North Facing			*North Facina *North Facing		
	Seventh	NoRoomA ttached	W2	Existing	30.52	0.97	PASS		*North Facing	*North Facing		*North Facing	*North Facing
				Proposed	29.51			*North Facina *North Facing			*North Facina *North Facing		
	Seventh	NoRoomA ttached	W3	Existing	32.90	0.95	PASS		*North Facing	*North Facing		*North Facing	*North Facing
				Proposed	31.41			*North Facina *North Facing			*North Facina *North Facing		
	Seventh	NoRoomA ttached	W4	Existing	15.82	0.90	PASS		*North Facing	*North Facing		*North Facing	*North Facing
				Proposed	14.21			*North Facina *North Facing			*North Facina *North Facing		
	Eighth	NoRoomA ttached	W1	Existing	33.04	0.96	PASS		*North Facing	*North Facing		*North Facing	*North Facing
				Proposed	31.78			*North Facina *North Facing			*North Facina *North Facing		
	Eighth	NoRoomA ttached	W2	Existing	34.03	0.95	PASS		*North Facing	*North Facing		*North Facing	*North Facing
				Proposed	32.22			*North Facina *North Facing			*North Facina *North Facing		
	Eighth	NoRoomA ttached	W3	Existing	24.93	0.92	PASS		*North Facing	*North Facing		*North Facing	*North Facing
				Proposed	22.87			*North Facina *North Facing			*North Facina *North Facing		



Northways Parade - Vertical Sky Component & Annual Probable Sunlight Hours

Building Ref	Floor	Room	Id	VSC	Diff.	Test	Annual	Diff.	Test	Winter	Diff.	Test	
Northways Parade	Ground	NoRoomAttached	W1	Existing	25.96	0.97	PASS	37	0.97	PASS	8	1.00	PASS
				Proposed	25.13			36			8		
	Ground	NoRoomAttached	W2	Existing	25.71	0.97	PASS	38	0.95	PASS	8	1.00	PASS
				Proposed	24.83			36			8		
	Ground	NoRoomAttached	W3	Existing	25.61	0.96	PASS	36	0.92	PASS	8	1.00	PASS
				Proposed	24.66			33			8		
	Ground	NoRoomAttached	W4	Existing	26.05	0.96	PASS	46	0.93	PASS	11	1.00	PASS
				Proposed	24.99			43			11		
	Ground	NoRoomAttached	W5	Existing	23.09	0.95	PASS	21	0.95	PASS	10	1.00	PASS
				Proposed	21.88			20			10		
	Ground	NoRoomAttached	W6	Existing	27.98	0.96	PASS	60	0.97	PASS	18	1.06	PASS
				Proposed	26.95			58			19		
	Ground	NoRoomAttached	W7	Existing	29.24	0.99	PASS	55	1.00	PASS	16	1.00	PASS
				Proposed	28.80			55			16		
	Ground	NoRoomAttached	W8	Existing	27.75	0.99	PASS	50	0.96	PASS	17	0.94	PASS
				Proposed	27.49			48			16		
	First	NoRoomAttached	W1	Existing	17.84	0.95	PASS	25	0.96	PASS	6	0.83	PASS
				Proposed	16.91			24			5		
	First	NoRoomAttached	W2	Existing	17.22	0.94	PASS	17	0.94	PASS	1	1.00	PASS
				Proposed	16.20			16			1		
	First	NoRoomAttached	W3	Existing	17.26	0.94	PASS	21	1.00	PASS	4	1.00	PASS
				Proposed	16.20			21			4		
	First	NoRoomAttached	W4	Existing	17.05	0.94	PASS	15	1.00	PASS	0	0	PASS
			Proposed	15.95			15			0			
First	NoRoomAttached	W5	Existing	17.07	0.93	PASS	22	0.95	PASS	5	1.00	PASS	
			Proposed	15.91			21			5			
First	NoRoomAttached	W6	Existing	26.19	0.95	PASS	40	0.98	PASS	11	1.00	PASS	
			Proposed	24.92			39			11			
First	NoRoomAttached	W7	Existing	29.03	0.96	PASS	46	0.98	PASS	18	0.94	PASS	
			Proposed	27.79			45			17			
First	NoRoomAttached	W8	Existing	29.53	0.96	PASS	61	0.98	PASS	20	0.95	PASS	
			Proposed	28.38			60			19			
First	NoRoomAttached	W9	Existing	30.15	0.97	PASS	50	0.90	PASS	16	0.94	PASS	
			Proposed	29.13			45			15			
First	NoRoomAttached	W10	Existing	30.46	0.98	PASS	52	0.98	PASS	17	0.94	PASS	
			Proposed	30.00			51			16			
First	NoRoomAttached	W11	Existing	16.23	0.98	PASS	18	1.00	PASS	14	1.00	PASS	
			Proposed	15.96			18			14			
First	NoRoomAttached	W12	Existing	15.77	1.00	PASS	19	1.00	PASS	15	1.00	PASS	
			Proposed	15.77			19			15			
First	NoRoomAttached	W13	Existing	15.53	1.00	PASS	16	1.00	PASS	14	1.00	PASS	
			Proposed	15.52			16			14			
Second	NoRoomAttached	W1	Existing	33.76	0.99	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	
			Proposed	33.58			*North Facing			*North Facing			



Northways Parade - Vertical Sky Component & Annual Probable Sunlight Hours

Building Ref	Floor	Room	Id	VSC	Diff.	Test	Annual	Diff.	Test	Winter	Diff.	Test	
	Second	NoRoomAttached	W2	Existing	31.76	0.97	PASS	44	0.95	PASS	10	0.90	PASS
				Proposed	30.76			42			9		
	Second	NoRoomAttached	W3	Existing	24.57	0.95	PASS	38	0.95	PASS	14	0.93	PASS
				Proposed	23.45			36			13		
	Second	NoRoomAttached	W4	Existing	29.82	0.96	PASS	46	0.96	PASS	11	0.91	PASS
				Proposed	28.73			44			10		
	Second	NoRoomAttached	W5	Existing	29.09	0.96	PASS	39	0.92	PASS	5	0.80	PASS
				Proposed	27.94			36			4		
	Second	NoRoomAttached	W6	Existing	28.30	0.99	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	27.95			*North Facing			*North Facing		
	Second	NoRoomAttached	W7	Existing	30.62	0.96	PASS	44	0.93	PASS	9	0.89	PASS
				Proposed	29.39			41			8		
	Second	NoRoomAttached	W8	Existing	28.97	0.96	PASS	41	0.93	PASS	14	0.93	PASS
				Proposed	27.76			38			13		
	Second	NoRoomAttached	W9	Existing	29.12	0.95	PASS	46	0.91	PASS	12	0.92	PASS
				Proposed	27.77			42			11		
	Second	NoRoomAttached	W10	Existing	30.51	0.96	PASS	53	0.92	PASS	18	0.94	PASS
				Proposed	29.17			49			17		
	Second	NoRoomAttached	W11	Existing	30.98	0.96	PASS	67	0.94	PASS	20	0.95	PASS
				Proposed	29.74			63			19		
	Second	NoRoomAttached	W12	Existing	31.45	0.96	PASS	51	0.92	PASS	16	0.94	PASS
				Proposed	30.33			47			15		
	Second	NoRoomAttached	W13	Existing	32.14	0.98	PASS	56	0.96	PASS	18	0.89	PASS
				Proposed	31.63			54			16		
	Second	NoRoomAttached	W14	Existing	24.97	0.95	PASS	37	0.97	PASS	13	0.92	PASS
				Proposed	23.72			36			12		
	Second	NoRoomAttached	W15	Existing	31.99	0.99	PASS	58	0.98	PASS	20	0.95	PASS
				Proposed	31.67			57			19		
	Second	NoRoomAttached	W16	Existing	31.69	0.99	PASS	58	0.98	PASS	20	0.95	PASS
				Proposed	31.39			57			19		
	Second	NoRoomAttached	W17	Existing	23.15	1.00	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	23.15			*North Facing			*North Facing		
	Third	NoRoomAttached	W1	Existing	35.11	0.99	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	34.91			*North Facing			*North Facing		
	Third	NoRoomAttached	W2	Existing	33.72	0.97	PASS	48	0.92	PASS	13	0.77	PASS
				Proposed	32.63			44			10		
	Third	NoRoomAttached	W3	Existing	26.06	0.95	PASS	41	0.90	PASS	16	0.81	PASS
				Proposed	24.83			37			13		
	Third	NoRoomAttached	W4	Existing	31.70	0.96	PASS	50	0.92	PASS	14	0.79	PASS
				Proposed	30.52			46			11		
	Third	NoRoomAttached	W5	Existing	30.93	0.96	PASS	43	0.88	PASS	8	0.63	PASS
				Proposed	29.67			38			5		
	Third	NoRoomAttached	W6	Existing	30.07	0.99	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	29.68			*North Facing			*North Facing		



Northways Parade - Vertical Sky Component & Annual Probable Sunlight Hours

Building Ref	Floor	Room	Id	Existing	VSC	Diff.	Test	Annual	Diff.	Test	Winter	Diff.	Test
	Third	NoRoomAttached	W7	Existing	32.42	0.96	PASS	47	0.89	PASS	12	0.75	PASS
				Proposed	31.06			42			9		
	Third	NoRoomAttached	W8	Existing	30.05	0.96	PASS	43	0.91	PASS	16	0.88	PASS
				Proposed	28.72			39			14		
	Third	NoRoomAttached	W9	Existing	30.75	0.95	PASS	47	0.89	PASS	13	0.85	PASS
				Proposed	29.26			42			11		
	Third	NoRoomAttached	W10	Existing	31.79	0.95	PASS	54	0.91	PASS	19	0.89	PASS
				Proposed	30.32			49			17		
	Third	NoRoomAttached	W11	Existing	32.14	0.96	PASS	69	0.94	PASS	22	0.95	PASS
				Proposed	30.77			65			21		
	Third	NoRoomAttached	W12	Existing	32.53	0.96	PASS	53	0.98	PASS	18	0.94	PASS
				Proposed	31.31			52			17		
	Third	NoRoomAttached	W13	Existing	33.28	0.98	PASS	58	0.98	PASS	19	0.95	PASS
				Proposed	32.72			57			18		
	Third	NoRoomAttached	W14	Existing	25.89	0.95	PASS	38	0.95	PASS	13	0.92	PASS
				Proposed	24.55			36			12		
	Third	NoRoomAttached	W15	Existing	33.40	0.99	PASS	58	1.00	PASS	20	1.00	PASS
				Proposed	33.07			58			20		
	Third	NoRoomAttached	W16	Existing	33.17	0.99	PASS	58	1.00	PASS	20	1.00	PASS
				Proposed	32.85			58			20		
	Third	NoRoomAttached	W17	Existing	25.40	1.00	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	25.40			*North Facing			*North Facing		
	Fourth	NoRoomAttached	W1	Existing	36.05	0.99	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	35.84			*North Facing			*North Facing		
	Fourth	NoRoomAttached	W2	Existing	34.97	0.97	PASS	48	0.96	PASS	13	0.85	PASS
				Proposed	33.81			46			11		
	Fourth	NoRoomAttached	W3	Existing	27.57	0.95	PASS	42	0.95	PASS	16	0.88	PASS
				Proposed	26.27			40			14		
	Fourth	NoRoomAttached	W4	Existing	33.25	0.96	PASS	51	0.94	PASS	15	0.80	PASS
				Proposed	31.99			48			12		
	Fourth	NoRoomAttached	W5	Existing	32.25	0.96	PASS	43	0.95	PASS	8	0.75	PASS
				Proposed	30.91			41			6		
	Fourth	NoRoomAttached	W6	Existing	31.67	0.99	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	31.24			*North Facing			*North Facing		
	Fourth	NoRoomAttached	W7	Existing	33.64	0.96	PASS	48	0.94	PASS	12	0.83	PASS
				Proposed	32.17			45			10		
	Fourth	NoRoomAttached	W8	Existing	30.92	0.95	PASS	45	0.96	PASS	17	0.94	PASS
				Proposed	29.49			43			16		
	Fourth	NoRoomAttached	W9	Existing	31.93	0.95	PASS	49	0.96	PASS	14	0.93	PASS
				Proposed	30.31			47			13		
	Fourth	NoRoomAttached	W10	Existing	32.81	0.95	PASS	57	0.96	PASS	21	0.95	PASS
				Proposed	31.23			55			20		
	Fourth	NoRoomAttached	W11	Existing	33.09	0.96	PASS	70	0.97	PASS	22	0.95	PASS
				Proposed	31.63			68			21		



Northways Parade - Vertical Sky Component & Annual Probable Sunlight Hours

Building Ref	Floor	Room	Id	Existing	VSC	Diff.	Test	Annual	Diff.	Test	Winter	Diff.	Test
	Fourth	NoRoomA ttached	W12	Existing	33.44	0.96	PASS	54	0.96	PASS	18	0.94	PASS
				Proposed	32.14			52			17		
	Fourth	NoRoomA ttached	W13	Existing	34.30	0.98	PASS	59	1.00	PASS	19	1.00	PASS
				Proposed	33.72			59			19		
	Fourth	NoRoomA ttached	W14	Existing	26.72	0.95	PASS	39	0.95	PASS	14	0.93	PASS
				Proposed	25.33			37			13		
	Fourth	NoRoomA ttached	W15	Existing	34.69	0.99	PASS	59	1.00	PASS	20	1.00	PASS
				Proposed	34.34			59			20		
	Fourth	NoRoomA ttached	W16	Existing	34.53	0.99	PASS	59	1.00	PASS	20	1.00	PASS
				Proposed	34.20			59			20		
	Fourth	NoRoomA ttached	W17	Existing	27.48	1.00	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	27.48			*North Facing			*North Facing		
	Fifth	NoRoomA ttached	W1	Existing	34.98	0.97	PASS	47	0.98	PASS	15	0.93	PASS
				Proposed	33.79			46			14		
	Fifth	NoRoomA ttached	W2	Existing	34.71	0.96	PASS	51	0.98	PASS	15	0.93	PASS
				Proposed	33.39			50			14		
	Fifth	NoRoomA ttached	W3	Existing	33.25	0.96	PASS	44	0.98	PASS	9	0.89	PASS
				Proposed	31.85			43			8		
	Fifth	NoRoomA ttached	W4	Existing	33.27	0.99	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	32.81			*North Facing			*North Facing		
	Fifth	NoRoomA ttached	W5	Existing	34.56	0.96	PASS	49	0.94	PASS	13	0.85	PASS
				Proposed	33.01			46			11		
	Fifth	NoRoomA ttached	W6	Existing	31.88	0.95	PASS	46	0.96	PASS	18	0.94	PASS
				Proposed	30.38			44			17		
	Fifth	NoRoomA ttached	W7	Existing	32.87	0.95	PASS	50	0.96	PASS	15	0.93	PASS
				Proposed	31.18			48			14		
	Fifth	NoRoomA ttached	W8	Existing	33.59	0.95	PASS	58	0.97	PASS	22	0.95	PASS
				Proposed	31.93			56			21		
	Fifth	NoRoomA ttached	W9	Existing	33.78	0.95	PASS	69	0.97	PASS	23	0.96	PASS
				Proposed	32.25			67			22		
	Fifth	NoRoomA ttached	W10	Existing	34.21	0.96	PASS	55	0.96	PASS	19	0.95	PASS
				Proposed	32.85			53			18		
	Fifth	NoRoomA ttached	W11	Existing	35.26	0.98	PASS	60	1.00	PASS	20	1.00	PASS
				Proposed	34.66			60			20		
	Fifth	NoRoomA ttached	W12	Existing	28.05	0.95	PASS	39	0.97	PASS	14	0.93	PASS
				Proposed	26.60			38			13		
	Fifth	NoRoomA ttached	W13	Existing	35.98	0.99	PASS	61	1.00	PASS	21	1.00	PASS
				Proposed	35.62			61			21		
	Fifth	NoRoomA ttached	W14	Existing	35.88	0.99	PASS	61	1.00	PASS	21	1.00	PASS
				Proposed	35.55			61			21		
	Fifth	NoRoomA ttached	W15	Existing	30.02	1.00	PASS	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing	*North Facing
				Proposed	30.02			*North Facing			*North Facing		
	Sixth	NoRoomA ttached	W1	Existing	35.42	0.96	PASS	49	0.96	PASS	17	0.88	PASS
				Proposed	34.08			47			15		



Northways Parade - Vertical Sky Component & Annual Probable Sunlight Hours

Building Ref	Floor	Room	Id	Existing	VSC	Diff.	Test	Annual	Diff.	Test	Winter	Diff.	Test
	Sixth	NoRoomA ttached	W2	Existing	35.16	0.96	PASS	44	0.93	PASS	12	0.75	PASS
				Proposed	33.72			41			9		
	Sixth	NoRoomA ttached	W3	Existing	34.75	0.96	PASS	48	0.96	PASS	16	0.88	PASS
				Proposed	33.19			46			14		
	Sixth	NoRoomA ttached	W4	Existing	34.52	0.95	PASS	50	0.98	PASS	15	0.93	PASS
				Proposed	32.78			49			14		
	Sixth	NoRoomA ttached	W5	Existing	34.39	0.95	PASS	57	0.95	PASS	25	0.88	PASS
				Proposed	32.69			54			22		
	Sixth	NoRoomA ttached	W6	Existing	34.39	0.95	PASS	71	0.96	PASS	26	0.88	PASS
				Proposed	32.82			68			23		
	Sixth	NoRoomA ttached	W7	Existing	34.97	0.96	PASS	60	0.95	PASS	22	0.86	PASS
				Proposed	33.59			57			19		
	Sixth	NoRoomA ttached	W8	Existing	36.37	0.98	PASS	62	0.98	PASS	22	0.95	PASS
				Proposed	35.75			61			21		

APPENDIX 2 ADF Results



Mews - Average Daylight Factor

Building Ref.	Floor Ref.	Room Ref.	Room Usage	Win Ref.	Glass Trans.	Glazed Area	Clear Sky Ex.	Clear Sky Pr.	Room SA	Average SR	Below WP.	ADF Pr.	Req. Value	Test	
Mews Flat 1	Ground	R.1	Kitchen	W1-L	0.80	0.37	0.00	31.34	140.87	0.50	0.15	0.01	2.19	2	PASS
				W1-U	0.80	1.55	0.00	31.24	140.87	0.50	0.37				
				W2-L	0.23	0.89	0.00	31.66	140.87	0.50	0.01				
				W2-U	0.23	3.37	0.00	34.06	140.87	0.50	0.25				
				W3-L	0.80	0.40	0.00	27.81	140.87	0.50	0.01				
				W3-U	0.80	1.52	0.00	28.29	140.87	0.50	0.33				
	W4-L	0.23	0.77	0.00	29.02	140.87	0.50	0.01							
	W4-U	0.23	2.91	0.00	31.80	140.87	0.50	0.20							
	W5-L	0.80	0.35	44.85	44.85	140.87	0.50	0.02							
	W5-U	0.80	1.37	46.96	46.96	140.87	0.50	0.49							
	W6-L	0.80	0.35	43.59	43.59	140.87	0.50	0.02							
	W6-U	0.80	1.38	45.64	45.64	140.87	0.50	0.48							
	First	R.1	Bedroom	W1-L	0.80	0.47	0.00	31.00	64.77	0.50	0.15	0.04	1.75	1	PASS
				W1-U	0.80	1.77	0.00	34.12	64.77	0.50	1.00				
				W2-L	0.23	0.89	0.00	39.20	64.77	0.50	0.02				
				W2-U	0.23	3.37	0.00	43.91	64.77	0.50	1.00				
				W3-L	0.80	0.47	0.00	31.23	71.72	0.50	0.03				
				W3-U	0.80	1.77	0.00	35.71	71.72	0.50	0.94				
	W4-L	0.23	0.77	0.00	37.71	71.72	0.50	0.02							
	W4-U	0.23	2.91	0.00	41.99	71.72	0.50	0.52							
	Ground	R.1	Kitchen	W1-L	0.80	0.45	0.00	30.49	168.51	0.50	0.15	0.01	1.51	1	PASS
				W1-U	0.80	1.47	0.00	31.60	168.51	0.50	0.29				
				W2-L	0.23	0.98	0.00	18.39	168.51	0.50	0.00				
				W2-U	0.23	3.69	0.00	19.81	168.51	0.50	1.00				
W3-L				0.80	0.57	0.00	27.59	168.51	0.50	0.01					
W3-U				0.80	2.16	0.00	27.63	168.51	0.50	0.38					
W4-L	0.80	1.11	48.63	48.63	168.51	0.50	0.05								
W4-U	0.80	4.07	50.72	50.72	168.51	0.50	1.31								
First	R.1	Bedroom	W1-L	0.80	0.47	0.00	34.83	69.95	0.50	0.15	0.04	2.20	2	PASS	
			W1-U	0.80	1.77	0.00	39.21	69.95	0.50	1.06					
			W2-L	0.23	0.98	0.00	23.19	69.95	0.50	0.01					
			W2-U	0.23	3.69	0.00	26.31	69.95	0.50	1.00					
			W3-L	0.80	0.57	0.00	30.86	69.98	0.50	0.04					
			W3-U	0.80	2.16	0.00	36.10	69.98	0.50	1.19					
Ground	R.1	Kitchen	W1-L	0.80	0.51	0.00	39.32	174.65	0.50	0.15	0.02	1.54	1	PASS	
			W1-U	0.80	1.43	0.00	41.05	174.65	0.50	0.36					
			W2-L	0.80	1.05	0.00	40.94	174.65	0.50	0.04					
			W2-U	0.80	3.75	0.00	43.21	174.65	0.50	0.99					
			W6-L	0.60	0.60	46.66	46.62	174.65	0.50	0.02					
			W6-U	0.60	2.28	49.40	49.37	174.65	0.50	0.52					
W7-L	0.60	0.60	44.32	44.29	174.65	0.50	0.15								



Mews - Average Daylight Factor

Building Ref.	Floor Ref.	Room Ref.	Room Usage	Win Ref.	Glass Trans.	Glazed Area	Clear Sky Ex.	Clear Sky Pr.	Room SA	Average SR	Below WP	ADF Pr.	Req. Value	Test	
Mews Flat 4	R2	Kitchen		W7-U	0.60	2.28	46.95	46.92	174.65	0.50	1.00	0.49			
		Bedroom		W5-L	0.80	0.42	0.00	35.70	50.53	0.50	0.15	2.45	2	PASS	
		Bedroom		W5-U	0.80	1.34	0.00	37.92	50.53	0.50	1.00	1.08			
	R3	Bedroom		W4-L	0.80	0.51	41.80	41.79	74.61	0.50	0.15	1.12	1	PASS	
		Bedroom		W4-U	0.80	1.80	43.60	43.56	74.61	0.50	1.00	1.12			
	R4	Bedroom		W3-L	0.80	0.58	0.00	38.09	62.96	0.50	0.15	1.15	1	PASS	
		Bedroom		W3-U	0.80	2.30	0.00	40.91	62.96	0.50	1.00	1.59			
	Mews Flat 5	R5	Kitchen		W2-L	0.80	0.46	0.00	48.55	123.60	0.50	0.15	0.03		
			Kitchen		W2-U	0.80	1.46	0.00	51.55	123.60	0.50	1.00	0.65		
			Kitchen		W3-L	0.80	0.83	0.00	51.94	123.60	0.50	0.15	0.06		
		R6	Kitchen		W3-U	0.80	3.01	0.00	55.09	123.60	0.50	1.00	1.43		
			Bedroom		W1-L	0.80	0.42	0.00	43.36	72.73	0.50	0.15	2.15	2	PASS
Bedroom				W1-U	0.80	1.50	0.00	44.60	72.73	0.50	1.00	0.98			
R7	Bedroom		W4-L	0.80	0.65	0.00	51.85	72.60	0.50	0.15	1.02	1	PASS		
	Bedroom		W4-U	0.80	2.23	0.00	54.64	72.60	0.50	1.00	1.79				
Mews Flat 6	R1	Kitchen		W1-L	0.80	2.32	0.00	35.49	149.06	0.50	0.15	0.09			
		Kitchen		W1-U	0.80	9.66	0.00	25.49	149.06	0.50	1.00	1.76			
		Kitchen		W2-L	0.60	0.42	51.38	51.22	149.06	0.50	0.15	0.02			
	R2	Kitchen		W2-U	0.60	1.70	54.56	54.39	149.06	0.50	1.00	0.49			
		Bedroom		W3-L	0.80	0.70	0.00	43.25	61.24	0.50	0.15	2.36	2	PASS	
		Bedroom		W3-U	0.80	2.18	0.00	49.64	61.24	0.50	1.00	1.88			
	R3	Bedroom		W4-L	0.80	0.50	0.00	42.66	58.96	0.50	0.15	1.96	1	PASS	
		Bedroom		W4-U	0.80	1.42	0.00	46.52	58.96	0.50	1.00	1.20			
	R4	Bedroom		W5-L	0.80	0.49	47.38	47.26	68.37	0.50	0.15	1.26	1	PASS	
		Bedroom		W5-U	0.80	1.81	49.76	49.61	68.37	0.50	1.00	1.40			
	Mews Flat 6	R1	Bedroom		W1-L	0.80	0.42	0.00	54.07	65.63	0.50	0.15	0.06		
			Bedroom		W1-U	0.80	1.50	0.00	56.61	65.63	0.50	1.00	1.36		
R2		Kitchen		W2-L	0.80	0.43	0.00	56.46	121.30	0.50	0.15	1.43	1	PASS	
		Kitchen		W2-U	0.80	1.49	0.00	59.91	121.30	0.50	1.00	0.03			
		Kitchen		W3-L	0.80	0.91	0.00	59.14	121.30	0.50	0.15	0.07			
		Kitchen		W3-U	0.80	2.93	0.00	62.05	121.30	0.50	1.00	1.60			
R3	Kitchen		W4-L	0.80	0.46	0.00	11.68	121.30	0.50	0.15	0.01				
	Kitchen		W4-U	0.80	1.17	0.00	12.52	121.30	0.50	1.00	0.13				



Mews - Average Daylight Factor

Building Ref.	Floor Ref.	Room Ref.	Room Usage	Win Ref.	Glass Trans.	Glazed Area	Clear Sky Ex.	Clear Sky Pr.	Room SA.	Average SR.	Below WP.	ADF Pr.	Req. Value	Test
Mews Flat 7	Second	Bedroom	W5-U	0.80	2.20	0.00	60.29	72.56	0.50	1.00	1.95	PASS		
			W6-L	0.80	0.44	0.00	30.13	72.56	0.50	1.00	0.03			
			W6-U	0.80	1.31	0.00	31.83	72.56	0.50	1.00	0.61			
	R1	Kitchen	W4-L	0.80	0.48	54.40	51.01	169.36	0.50	1.00	0.02	PASS		
			W4-U	0.80	1.44	56.04	53.36	169.36	0.50	1.00	0.48			
			W5-L	0.80	0.99	53.43	45.76	169.36	0.50	1.00	0.04			
			W5-U	0.80	2.85	54.98	47.38	169.36	0.50	1.00	0.85			
			W6-L	0.60	0.68	62.48	62.45	169.36	0.50	1.00	0.03			
			W6-U	0.60	1.82	65.95	65.93	169.36	0.50	1.00	0.57			
			W7-L	0.60	0.57	59.53	59.52	169.36	0.50	1.00	0.02			
	W7-U	0.60	1.54	63.03	63.02	169.36	0.50	1.00	0.46					
	R2	Bedroom	W8-L	0.80	0.35	55.82	51.07	63.99	0.50	1.00	0.04	PASS		
			W8-U	0.80	1.03	59.14	55.01	63.99	0.50	1.00	0.95			
			W9-L	0.80	0.52	62.45	62.45	63.99	0.50	1.00	0.08			
W9-U			0.80	1.40	65.03	65.03	63.99	0.50	1.00	1.51				
W1-L			0.80	0.43	52.09	47.32	66.52	0.50	1.00	0.05				
W1-U			0.80	1.49	53.65	49.42	66.52	0.50	1.00	1.18				
W2-L			0.80	0.20	56.06	53.97	66.52	0.50	1.00	0.03				
W2-U	0.80	0.76	57.93	56.24	66.52	0.50	1.00	0.69						
R4	Bedroom	W3-L	0.80	0.63	55.36	54.13	51.43	0.50	1.00	0.11	PASS			
		W3-U	0.80	2.25	57.12	56.05	51.43	0.50	1.00	2.62				
Mews Flat 8	Second	Bedroom	W1-L	0.80	65.44	61.10	66.85	0.50	1.00	0.08	PASS			
			W1-U	0.80	1.41	67.44	64.31	66.85	0.50	1.00		1.44		
			W2-L	0.80	0.48	68.55	65.61	121.46	0.50	1.00		0.04		
	R2	Kitchen	W2-U	0.80	1.44	70.66	68.75	121.46	0.50	1.00	0.87	PASS		
			W3-L	0.80	0.85	67.39	66.26	121.46	0.50	1.00	0.07			
			W3-U	0.80	2.99	69.51	68.64	121.46	0.50	1.00	1.80			
			W5-L	0.80	0.40	12.48	11.62	121.46	0.50	1.00	0.01			
			W5-U	0.80	1.23	12.83	12.12	121.46	0.50	1.00	0.13			
	R3	Bedroom	W4-L	0.80	0.72	63.77	63.59	72.56	0.50	1.00	0.10	PASS		
			W4-U	0.80	2.16	65.89	65.68	72.56	0.50	1.00	2.09			
	Mews Flat 9	Third	Bedroom	W1-L	0.80	70.58	68.13	66.23	0.50	1.00	0.08	PASS		
				W1-U	0.80	1.45	72.70	70.19	66.23	0.50	1.00		1.64	
				W2-L	0.80	0.46	74.00	73.07	116.77	0.50	1.00		0.05	
		R2	Kitchen	W2-U	0.80	1.46	76.25	75.29	116.77	0.50	1.00	1.00	PASS	
W3-L				0.80	0.96	72.79	72.55	116.77	0.50	1.00	0.09			
W3-U				0.80	2.88	75.07	74.86	116.77	0.50	1.00	1.97			
W5-L				0.80	0.41	32.87	27.27	116.77	0.50	1.00	0.15			
W5-U				0.80	1.23	32.87	27.27	116.77	0.50	1.00	0.02			



Mews - Average Daylight Factor

Building Ref.	Floor Ref.	Room Ref.	Room Usage	Win Ref.	Glass Trans.	Glazed Area	Clear Sky Ex.	Clear Sky Pr.	Room SA.	Average SR.	Below WP.	ADF Pr.	Req. Value	Test		
Mews Flat 10	R3	Kitchen	W5-U	0.80	1.22	33.92	31.14	116.77	0.50	1.00	0.35	3.48	2	PASS		
		Bedroom	W4-L	0.80	0.71	69.48	69.41	72.55	0.50	0.15	0.11	2.29				
		Bedroom	W4-U	0.80	2.17	71.83	71.77	72.55	0.50	1.00	2.40	1	2.40	1	PASS	
	R1	Kitchen	W3-L	0.80	0.54	50.70	36.64	130.52	0.50	0.15	0.02	0.61				
		Kitchen	W3-U	0.80	1.70	51.68	43.70	130.52	0.50	1.00	0.05	0.05				
		Kitchen	W4-L	0.80	1.03	76.59	38.78	130.52	0.50	0.15	1.46	0.07				
		Kitchen	W4-U	0.80	3.40	78.53	52.70	130.52	0.50	1.00	3.68	2	3.68	2	PASS	
		Kitchen	W5-L	0.80	1.08	51.26	51.35	130.52	0.50	0.15	1.23					
	R2	Bedroom	W2-L	0.80	0.74	52.16	26.44	64.16	0.50	0.15	0.05	1.28	1	1.28	PASS	
		Bedroom	W2-U	0.80	1.86	53.65	39.97	64.16	0.50	1.00	1.10					
	R3	Bedroom	W1-L	0.80	0.61	0.00	33.06	68.99	0.50	0.15	0.05	1.14	1	1.14	PASS	
		Bedroom	W1-U	0.80	1.98	49.61	35.76	68.99	0.50	1.00	1.82					
	Mews Flat 11	R6	Bedroom	W1-L	0.80	0.44	76.18	73.84	66.26	0.50	0.15	0.08	1.90	1	1.90	PASS
			Bedroom	W1-U	0.80	1.48	78.40	76.59	66.26	0.50	1.00	1.82				
		R7	Kitchen	W2-L	0.80	0.51	79.76	78.94	118.87	0.50	0.15	0.05	1.03			
Kitchen			W2-U	0.80	1.41	82.08	81.48	118.87	0.50	1.00	0.10	0.10				
Kitchen			W3-L	0.80	0.94	78.78	78.63	118.87	0.50	0.15	2.11	0.02				
Kitchen			W3-U	0.80	2.90	81.19	81.09	118.87	0.50	1.00	3.70	2	3.70	2	PASS	
R8	Kitchen	W5-L	0.80	0.37	35.21	33.71	118.87	0.50	0.15	0.02	2.46	1	2.46	PASS		
	Kitchen	W5-U	0.80	1.27	36.04	34.36	118.87	0.50	1.00	2.58	1	2.58	1	PASS		
R8	Bedroom	W4-L	0.80	0.74	75.52	75.48	72.55	0.50	0.15	0.12	2.46	1	2.46	PASS		
	Bedroom	W4-U	0.80	2.14	78.06	78.04	72.55	0.50	1.00	2.46	1	2.46	1	PASS		



Penthouses - Average Daylight Factor

Building Ref.	Floor Ref.	Room Ref.	Room Usage	Win Ref.	Glass Trans.	Glazed Area	Clear Sky Ex.	Clear Sky Pr.	Room SA.	Average SR.	Below WP.	ADF Pr.	Req. Value	Test		
Penthouse Flat 1	Eleventh	R1	Bedroom	W1-L	0.80	0.45	85.15	56.90	174.40	0.50	0.15	0.02				
			Bedroom	W1-U	0.80	1.07	86.17	52.98	174.40	0.50	1.00	0.35				
			Bedroom	W11-L	0.80	2.57	90.00	82.75	174.40	0.50	0.15	0.20				
			Bedroom	W11-U	0.80	6.17	90.00	75.83	174.40	0.50	1.00	2.86				
	Twelfth	R1	Bedroom	W12-L	0.80	0.87	78.94	70.94	174.40	0.50	0.15	0.06				
			Bedroom	W12-U	0.80	2.09	81.90	69.04	174.40	0.50	1.00	0.88			PASS	
			Bedroom	W1-L	0.80	2.23	89.85	82.86	68.30	0.50	0.15	0.43				
			Bedroom	W1-U	0.80	5.66	90.00	84.77	68.30	0.50	1.00	7.50				
	Penthouse Flat 2	Eleventh	R14	Bedroom	W15-L	0.80	1.38	90.00	89.77	63.15	0.50	0.15	0.31			
				Bedroom	W15-U	0.80	4.98	90.00	89.83	63.15	0.50	1.00	7.56			PASS
				Bedroom	W16-L	0.80	1.43	90.00	89.95	71.79	0.50	0.15	0.29			
				Bedroom	W16-U	0.80	5.16	90.00	89.97	71.79	0.50	1.00	6.90			
Twelfth	R15	Bedroom	W17-L	0.80	1.37	88.32	78.06	71.79	0.50	0.15	0.24					
		Bedroom	W17-U	0.80	4.95	89.99	79.46	71.79	0.50	1.00	5.84					
		Bedroom	W2-L	0.80	2.23	89.97	82.88	69.21	0.50	0.15	0.43					
		Bedroom	W2-U	0.80	5.66	90.00	84.95	69.21	0.50	1.00	7.42					
Penthouse Flat 3	Eleventh	R2	Bedroom	W10-L	0.80	2.97	90.00	80.11	194.08	0.50	0.15	0.20				
			Bedroom	W10-U	0.80	7.13	90.00	73.11	194.08	0.50	1.00	2.86				
			Bedroom	W13-L	0.80	1.37	90.00	89.66	72.40	0.50	0.15	0.27				
			Bedroom	W13-U	0.80	4.95	90.00	89.78	72.40	0.50	1.00	6.54				
Twelfth	R12	Bedroom	W14-L	0.80	1.39	90.00	89.60	63.15	0.50	0.15	0.32					
		Bedroom	W14-U	0.80	5.04	90.00	89.72	63.15	0.50	1.00	7.64					
		Bedroom	W3-L	0.80	2.23	90.00	82.87	69.22	0.50	0.15	0.43					
		Bedroom	W3-U	0.80	5.66	90.00	84.94	69.22	0.50	1.00	7.41					
Penthouse Flat 3	Eleventh	R3	Bedroom	W9-L	0.80	2.97	90.00	80.12	194.09	0.50	0.15	0.20				
			Bedroom	W9-U	0.80	7.13	90.00	73.19	194.09	0.50	1.00	2.87				
			Bedroom	W11-L	0.80	1.39	90.00	89.66	63.15	0.50	0.15	0.32				
			Bedroom	W11-U	0.80	5.02	90.00	89.77	63.15	0.50	1.00	7.61				
Twelfth	R10	Bedroom	W12-L	0.80	1.39	90.00	89.60	72.40	0.50	0.15	0.27					
		Bedroom	W12-U	0.80	5.01	90.00	89.72	72.40	0.50	1.00	6.62					
		Bedroom	W12-L	0.80	1.39	90.00	89.60	72.40	0.50	0.15	0.27					
		Bedroom	W12-U	0.80	5.01	90.00	89.72	72.40	0.50	1.00	6.62					



Penthouses - Average Daylight Factor

Building Ref.	Floor Ref.	Room Ref.	Room Usage	Win Ref.	Glass Trans.	Glazed Area	Clear Sky Ex.	Clear Sky Pr.	Room SA.	Average SR.	Below WP.	ADF Pr.	Req. Value	Test		
Penthouse Flat 4	Eleventh	R4	Bedroom	W4-L	0.80	0.45	88.98	55.52	193.45	0.50	0.15	0.02	3.38	1	PASS	
			Bedroom	W4-U	0.80	1.07	89.66	50.42	193.45	0.50	1.00	0.30				
			Bedroom	W8-L	0.80	2.97	90.00	79.95	193.45	0.50	0.15	0.20				
			Bedroom	W8-U	0.80	7.13	90.00	72.86	193.45	0.50	1.00	2.86				
	Twelfth	R4	Bedroom	W4-L	0.80	2.23	90.00	82.88	69.21	69.21	0.50	0.15	0.43	7.84	1	PASS
			Bedroom	W4-U	0.80	5.66	90.00	84.95	69.21	0.50	1.00	7.42				
			Bedroom	W9-L	0.80	1.37	90.00	89.66	72.40	0.50	0.15	0.27				
			Bedroom	W9-U	0.80	4.99	90.00	89.77	72.40	0.50	1.00	6.59				
	R9	R9	Bedroom	W10-L	0.80	1.38	90.00	89.60	63.15	63.15	0.50	0.15	0.31	6.87	1	PASS
			Bedroom	W10-U	0.80	5.00	90.00	89.72	63.15	0.50	1.00	7.58				
			Bedroom	W10-L	0.80	1.38	90.00	89.60	63.15	0.50	0.15	0.31				
			Bedroom	W10-U	0.80	5.00	90.00	89.72	63.15	0.50	1.00	7.58				
													7.90	1	PASS	

APPENDIX 3 No-Sky Line Results



Hickes House - No Sky Line

Building Ref	Floor Ref	Room Ref	Room Use	Area	Lit Area Ex.	Lit Area Pr.	Diff.	Test
38	Fifth	R4	Kitchen	7.41	6.89	6.89	1.00	PASS
Hickes House Flat 39	Fifth	R1	Kitchen	7.41	6.83	6.83	1.00	PASS
Hickes House Flat 4	Ground	R1	Kitchen	4.73	2.98	2.79	0.94	PASS
Hickes House Flat 40	Sixth	R4	Kitchen	4.73	4.59	4.44	0.97	PASS
Hickes House Flat 41	Sixth	R4	Kitchen	4.73	4.59	4.43	0.96	PASS
Hickes House Flat 42	Sixth	R1	Kitchen	4.72	4.59	4.59	1.00	PASS
Hickes House Flat 43	Sixth	R1	Kitchen	4.72	4.60	4.60	1.00	PASS
Hickes House Flat 5	First	R4	Kitchen	4.72	4.20	4.20	1.00	PASS
Hickes House Flat 6	First	R4	Kitchen	4.72	4.43	4.43	1.00	PASS
Hickes House Flat 7	First	R1	Kitchen	4.73	4.05	3.78	0.93	PASS
Hickes House Flat 8	First	R1	Kitchen	4.73	3.28	3.08	0.94	PASS



Campden House - No Sky Line

Building Ref	Floor Ref	Room Ref	Room Use	Area	Lit Area Ex.	Lit Area Pr.	Diff.	Test
Campden House Flat 10	First	R1	Living Room	16.97	14.00	10.15	0.73	FAIL
	First	R2	Bedroom	12.33	9.90	7.18	0.73	FAIL
Campden House Flat 11	Second	R1	Living Room	16.97	13.66	10.94	0.80	PASS
	Second	R2	Bedroom	12.33	10.45	8.58	0.82	PASS
Campden House Flat 12	Second	R1	Bedroom	12.33	11.23	10.00	0.89	PASS
	Second	R2	Living Room	16.97	15.25	13.98	0.92	PASS
Campden House Flat 13	Second	R1	Living Room	16.97	14.72	14.42	0.98	PASS
	Second	R2	Bedroom	12.33	11.43	11.32	0.99	PASS
Campden House Flat 14	Second	R1	Bedroom	7.50	7.25	7.25	1.00	PASS
	Second	R2	Bedroom	10.25	8.96	8.96	1.00	PASS
Campden House Flat 21	Third	R1	Bedroom	10.25	9.05	9.05	1.00	PASS
	Third	R2	Bedroom	7.50	7.29	7.28	1.00	PASS
Campden House Flat 22	Third	R1	Bedroom	12.33	12.11	12.11	1.00	PASS
	Third	R2	Living Room	16.97	15.94	15.84	0.99	PASS
Campden House Flat 23	Third	R1	Living Room	16.97	16.55	16.35	0.99	PASS
	Third	R2	Bedroom	12.33	12.11	11.68	0.96	PASS
Campden House Flat 24	Third	R1	Bedroom	12.33	11.43	9.71	0.85	PASS
	Third	R2	Living Room	16.97	14.96	12.42	0.83	PASS
Campden House Flat 25	Fourth	R1	Living Room	16.97	15.16	14.62	0.96	PASS
	Fourth	R2	Bedroom	12.33	11.51	11.15	0.97	PASS
Campden House Flat 26	Fourth	R1	Bedroom	12.33	12.11	12.11	1.00	PASS
	Fourth	R2	Living Room	16.97	16.62	16.60	1.00	PASS
Campden House Flat 27	Fourth	R1	Living Room	16.97	16.22	16.03	0.99	PASS
	Fourth	R2	Bedroom	12.33	12.11	12.11	1.00	PASS
Campden House Flat 28	Fourth	R1	Bedroom	7.50	7.29	7.29	1.00	PASS
	Fourth	R2	Bedroom	10.25	9.50	9.49	1.00	PASS
Campden House Flat 35	Fifth	R1	Bedroom	10.25	10.21	10.20	1.00	PASS
	Fifth	R2	Bedroom	7.50	7.30	7.30	1.00	PASS
Campden House Flat 36	Fifth	R1	Bedroom	12.33	11.94	11.94	1.00	PASS
	Fifth	R2	Living Room	16.97	16.35	16.14	0.99	PASS
Campden House Flat 37	Fifth	R1	Living Room	16.97	16.61	16.60	1.00	PASS
	Fifth	R2	Bedroom	12.33	11.94	11.94	1.00	PASS
Campden House Flat 38	Fifth	R1	Bedroom	12.33	11.42	11.33	0.99	PASS



Campden House - No Sky Line

Building Ref	Floor Ref	Room Ref	Room Use	Area	Lit Area Ex.	Lit Area Pr.	Diff.	Test
Campden House Flat 39	Fifth	R2	Living Room	16.97	15.25	15.18	1.00	PASS
	Sixth	R1	Bedroom	10.25	10.18	10.17	1.00	PASS
	Sixth	R2	Bedroom	7.50	7.30	7.30	1.00	PASS
Campden House Flat 8	First	R1	Bedroom	10.25	8.90	8.90	1.00	PASS
	First	R2	Bedroom	7.50	7.20	7.20	1.00	PASS
Campden House Flat 9	First	R1	Bedroom	12.33	10.66	8.70	0.82	PASS
	First	R2	Living Room	16.97	13.86	11.08	0.80	FAIL



Maresfield Court - No Sky Line

Building Ref	Floor Ref	Room Ref	Room Use	Area	Lit Area Ex.	Lit Area Pr.	Diff.	Test
Maresfield Court	Basement	R1	Bedroom	23.11	22.05	22.04	1.00	PASS
	Basement	R2	Bedroom	15.70	14.82	14.80	1.00	PASS
	Basement	R4	Bedroom	14.38	12.86	12.86	1.00	PASS
	Ground	R1	Bedroom	24.22	24.02	24.02	1.00	PASS
	Ground	R2	Bedroom	31.56	31.30	31.30	1.00	PASS
	First	R1	Bedroom	7.73	7.69	7.69	1.00	PASS
	First	R2	Bedroom	7.35	7.21	7.21	1.00	PASS
	First	R3	Bedroom	10.20	9.89	9.89	1.00	PASS
	First	R4	Bedroom	11.03	10.55	10.55	1.00	PASS
	First	R5	Bedroom	7.35	7.22	7.22	1.00	PASS
	First	R6	Bedroom	8.91	8.55	8.54	1.00	PASS
	Second	R1	Bedroom	7.73	7.69	7.69	1.00	PASS
	Second	R2	Bedroom	7.35	7.21	7.21	1.00	PASS
	Second	R3	Bedroom	10.20	9.89	9.89	1.00	PASS
	Second	R4	Bedroom	11.03	10.55	10.55	1.00	PASS
	Second	R5	Bedroom	7.35	7.22	7.22	1.00	PASS
	Second	R6	Bedroom	8.91	8.55	8.55	1.00	PASS
	Third	R1	Bedroom	7.73	7.69	7.69	1.00	PASS
	Third	R2	Bedroom	7.35	7.17	7.17	1.00	PASS
	Third	R3	Bedroom	10.20	9.89	9.89	1.00	PASS
	Third	R4	Bedroom	11.03	10.55	10.55	1.00	PASS
	Third	R5	Bedroom	7.35	7.22	7.22	1.00	PASS
	Third	R6	Bedroom	8.91	8.54	8.54	1.00	PASS



Station House - No Sky Line

Building Ref	Floor Ref	Room Ref	Room Use	Area	Lit Area Ex.	Lit Area Pr.	Diff.	Test
Station House	Ground	R1	Bedroom	10.21	8.07	7.30	0.90	PASS
	Ground	R2	Bedroom	10.21	8.83	7.99	0.91	PASS
	First	R1	Bedroom	10.21	8.22	8.18	1.00	PASS
	First	R2	Bedroom	10.21	9.04	8.91	0.99	PASS
	Second	R1	Bedroom	10.21	8.27	8.21	0.99	PASS
	Second	R2	Bedroom	10.21	9.22	9.04	0.98	PASS
	Third	R1	Bedroom	10.21	8.44	8.27	0.98	PASS
	Third	R2	Bedroom	10.21	9.38	9.11	0.97	PASS
	Fourth	R1	Bedroom	10.21	8.76	8.39	0.96	PASS
	Fourth	R2	Bedroom	10.21	9.60	9.37	0.98	PASS
	Fifth	R1	Bedroom	10.21	9.10	8.71	0.96	PASS
	Fifth	R2	Bedroom	10.21	9.87	9.74	0.99	PASS



Cresta House - No Sky Line

Building Ref	Floor Ref	Room Ref	Room Use	Area	Lit Area Ex.	Lit Area Pr.	Diff.	Test
Cresta House	Ground	R1	Bedroom	16.00	4.80	4.78	1.00	PASS
	Ground	R2	Bedroom	18.95	13.32	13.29	1.00	PASS
	Ground	R3	Bedroom	12.00	3.14	3.14	1.00	PASS
	First	R1	Bedroom	16.00	7.28	7.23	0.99	PASS
	First	R2	Bedroom	18.95	14.94	14.92	1.00	PASS
	First	R3	Bedroom	12.00	3.95	3.95	1.00	PASS
	Second	R1	Bedroom	16.00	13.12	12.86	0.98	PASS
	Second	R2	Bedroom	18.95	16.21	16.19	1.00	PASS
	Second	R3	Bedroom	12.00	4.85	4.84	1.00	PASS
	Third	R1	Bedroom	16.00	7.38	7.34	0.99	PASS
	Third	R2	Bedroom	18.95	15.37	15.37	1.00	PASS
	Third	R3	Bedroom	12.00	4.38	4.35	0.99	PASS
	Fourth	R1	Bedroom	16.00	10.46	10.39	0.99	PASS
	Fourth	R2	Bedroom	18.95	17.80	17.64	0.99	PASS
	Fourth	R3	Bedroom	12.00	6.06	5.78	0.95	PASS
	Fifth	R1	Bedroom	16.00	14.60	14.45	0.99	PASS
	Fifth	R2	Bedroom	18.95	18.58	18.41	0.99	PASS
	Fifth	R3	Bedroom	12.00	7.32	6.79	0.93	PASS
	Sixth	R1	Bedroom	16.00	14.27	14.15	0.99	PASS
	Sixth	R2	Bedroom	18.95	18.71	18.46	0.99	PASS
	Sixth	R3	Bedroom	12.00	7.73	7.05	0.91	PASS
	Seventh	R1	Bedroom	16.00	15.08	14.84	0.98	PASS
	Seventh	R2	Bedroom	18.95	18.87	18.61	0.99	PASS
	Seventh	R3	Bedroom	12.00	8.42	7.38	0.88	PASS
Eighth	R1	Bedroom	18.95	18.95	18.78	0.99	PASS	
Eighth	R2	Bedroom	12.00	9.37	8.69	0.93	PASS	

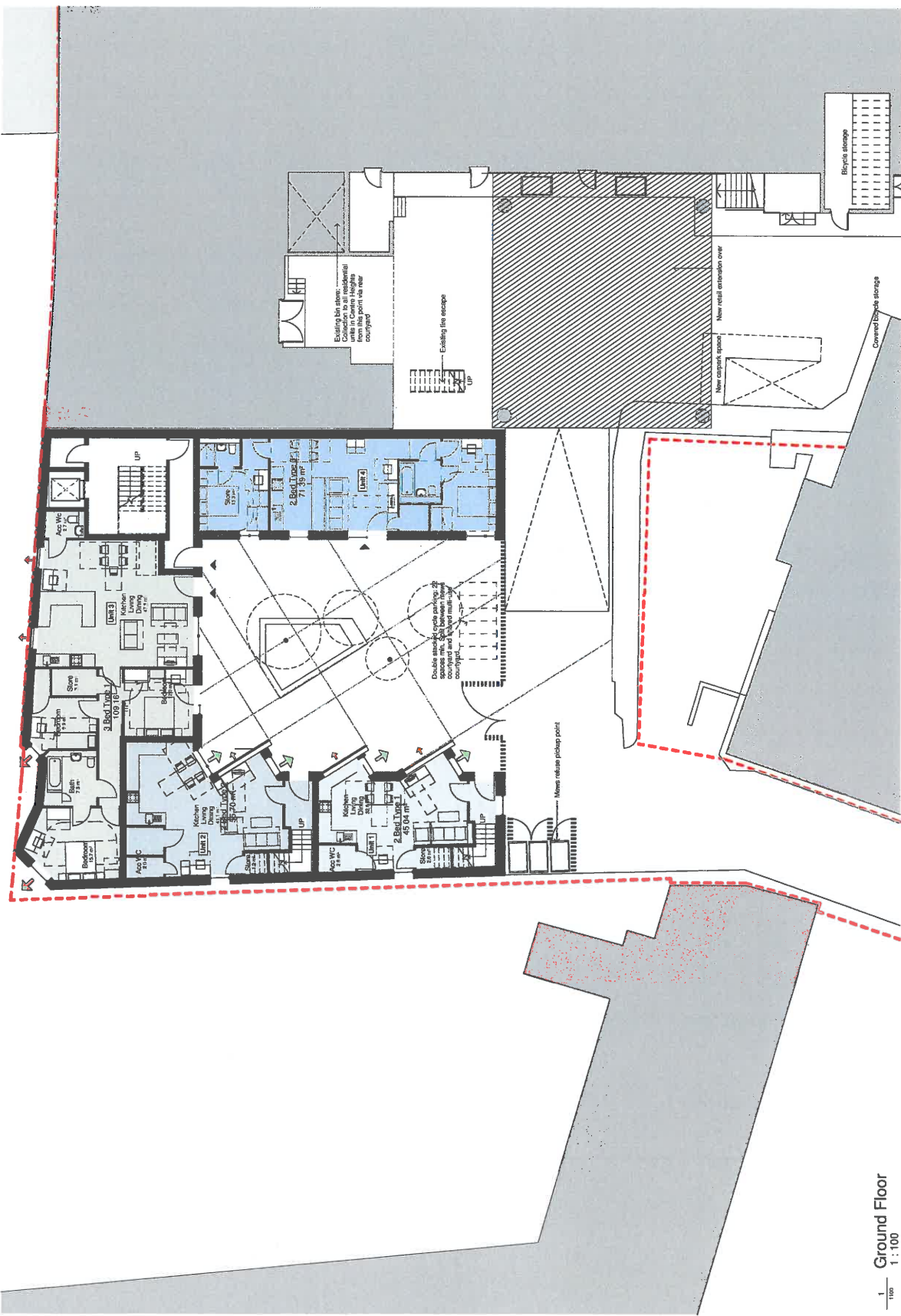


Northways Parade - No Sky Line

Building Ref	Floor Ref	Room Ref	Room Use	Area	Lit Area Ex.	Lit Area Pr.	Diff.	Test
Northways Parade	Ground	R1	Living Room	17.15	17.15	17.15	1.00	PASS
	Ground	R2	Living Room	23.30	23.20	23.20	1.00	PASS
	Ground	R3	Living Room	16.99	16.84	16.84	1.00	PASS
	Ground	R4	Living Room	59.70	59.70	59.70	1.00	PASS
	First	R1	Living Room	13.73	13.22	13.22	1.00	PASS
	First	R2	Living Room	19.34	19.00	18.99	1.00	PASS
	First	R3	Living Room	14.05	12.12	12.11	1.00	PASS
	First	R4	Living Room	12.77	12.75	12.75	1.00	PASS
	First	R5	Living Room	11.99	11.36	11.25	0.99	PASS
	First	R6	Living Room	24.20	23.18	23.18	1.00	PASS
	Second	R1	Living Room	16.04	16.04	16.04	1.00	PASS
	Second	R2	Living Room	19.34	19.28	19.28	1.00	PASS
	Second	R3	Living Room	16.79	16.29	16.29	1.00	PASS
	Second	R4	Living Room	12.75	12.75	12.75	1.00	PASS
	Second	R5	Living Room	11.99	11.76	11.65	0.99	PASS
	Second	R6	Living Room	27.45	26.89	26.89	1.00	PASS
	Third	R1	Living Room	16.04	16.04	16.04	1.00	PASS
	Third	R2	Living Room	19.34	19.28	19.28	1.00	PASS
	Third	R3	Living Room	16.79	16.28	16.28	1.00	PASS
	Third	R4	Living Room	12.75	12.75	12.75	1.00	PASS
	Third	R5	Living Room	11.99	11.77	11.72	1.00	PASS
	Third	R6	Living Room	27.45	26.91	26.91	1.00	PASS
	Fourth	R1	Living Room	16.04	16.04	16.04	1.00	PASS
	Fourth	R2	Living Room	19.34	19.28	19.28	1.00	PASS
	Fourth	R3	Living Room	16.79	16.31	16.31	1.00	PASS
	Fourth	R4	Living Room	12.75	12.75	12.75	1.00	PASS
	Fourth	R5	Living Room	11.99	11.77	11.76	1.00	PASS
	Fourth	R6	Living Room	27.45	26.93	26.93	1.00	PASS
	Fifth	R5	Living Room	13.69	13.11	12.83	0.98	PASS
	Fifth	R6	Living Room	19.34	19.28	19.28	1.00	PASS
	Fifth	R7	Living Room	16.79	16.37	16.37	1.00	PASS
	Fifth	R8	Living Room	12.75	12.75	12.75	1.00	PASS
	Fifth	R9	Living Room	11.99	11.77	11.77	1.00	PASS
	Fifth	R10	Living Room	27.45	26.95	26.94	1.00	PASS
	Sixth	R2	Living Room	13.70	13.62	12.99	0.95	PASS
	Sixth	R3	Living Room	11.41	11.41	11.41	1.00	PASS
	Sixth	R4	Living Room	11.21	11.11	11.11	1.00	PASS

APPENDIX 5 The Scheme

- Key**
- 2 Bed (Maisonette) - Type 1
 - 2 Bed (Maisonette) - Type 2
 - 2 Bed - Type 3
 - 2 Bed - Type 4
 - 2 Bed - Type 5
 - 3 Bed - Type 1
 - 3 Bed - Type 2
 - 3 Bed - Type 3
 - 3 Bed - Type 4
- ↑ Translucent Glazing
 - ↑ Directional Views
 - ↑ Obscure glass / privacy screen



1:100
Ground Floor
1:100

Centre Heights Pre-Application

client	Nicolaides Group
date	01/07/13
scale	As Indicated
drawing	Ground Floor
drawn	TM
checked	MP
drawing number	3073 - L - 1100
rev	P7
author	C:\Users\mick.laguez\Documents\3073_Meave Developer_CENTRAL_jacob@leam.net

For Discussion	08.03.2014
For Pre-App 2	19.03.2014
For Pre-App 1	03.04.2015
For daylighting analysis	06.03.2015
For structural analysis	15.04.2015
For landscaping planning	20.04.2015
Drawings (work in progress)	
Drawings (work in progress)	
Drawings (work in progress)	

revisions	
P1	08.03.2014
P2	19.03.2014
P3	03.04.2015
P4	06.03.2015
P5	15.04.2015
P6	20.04.2015
P7	01.05.2015

standard notes

- Do not scale the drawing.
- All dimensions must be checked on site and any discrepancies reported to the architect.
- Unless shown otherwise, all dimensions are to structural surfaces.

THIS IS NOT A CONSTRUCTION DRAWING. IT IS UNSUITABLE FOR THE PURPOSE OF CONSTRUCTION AND MUST NOT BE USED AS SUCH.

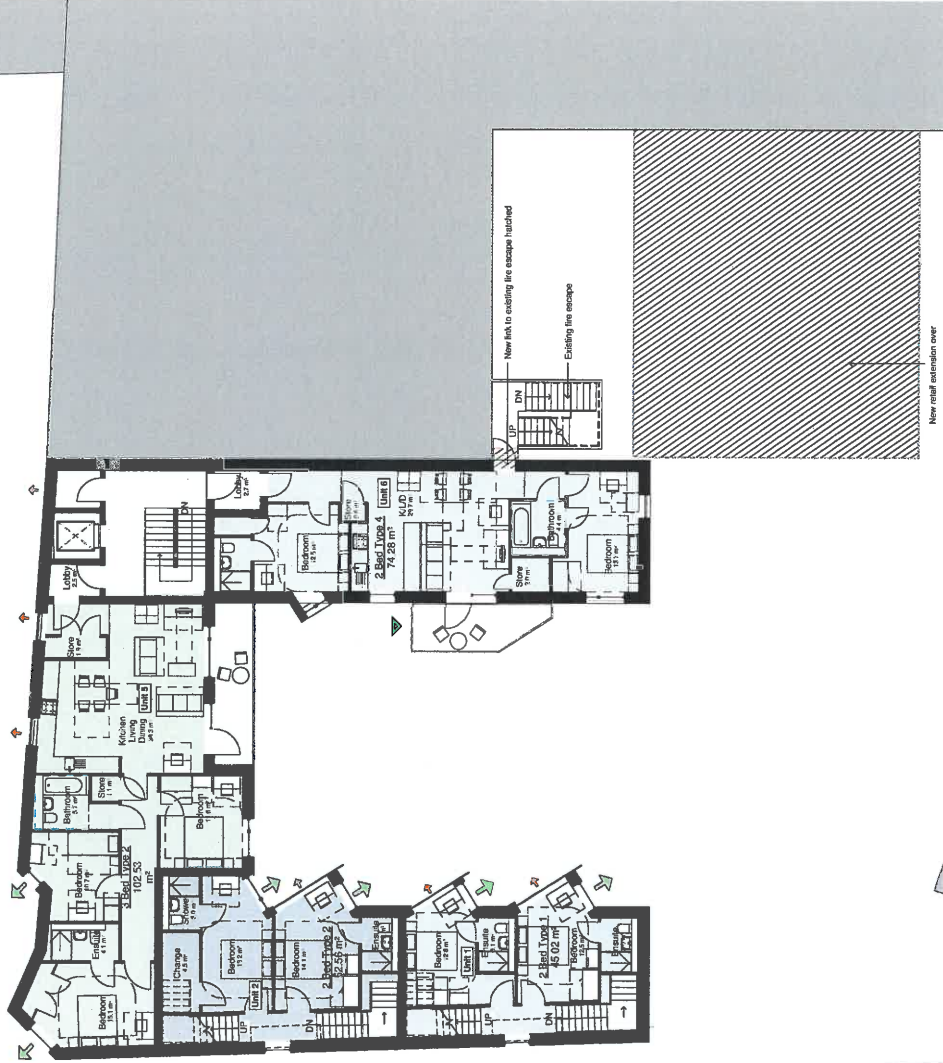
Authoring notes

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Levitt Bernstein

Key

- 2 Bed (Maisonette) - Type 1
- 2 Bed (Maisonette) - Type 2
- 2 Bed - Type 3
- 2 Bed - Type 4
- 2 Bed - Type 5
- 3 Bed - Type 1
- 3 Bed - Type 2
- 3 Bed - Type 3
- 3 Bed - Type 4

- Translucent Glazing
- Directional Views
- Obscure glass / privacy screen



Proposed First Floor
1:100

standard notes

1. Do not scale this drawing.
2. All dimensions must be checked on site and any discrepancies reported to the architect.
3. Unless shown otherwise, all dimensions are to structural surfaces.

THIS IS NOT A CONSTRUCTION DRAWING. IT IS UNSUITABLE FOR THE PURPOSE OF CONSTRUCTION AND MUST NOT BE USED AS SUCH.

revisions

no.	description	date
P1	For Discussion	06.05.2014
P2	For Pre-App 2	19.08.2014
P3	For finalisation	02.03.2015
P4	For finalisation	06.03.2015
P5	Finalisation of planning drawings (work in progress)	15.04.2015
P6	Finalisation of planning drawings (work in progress)	20.04.2015
P	Finalisation of planning drawings (work in progress)	01.05.2015

As Indicated

TM	MP	checked	drawing number
			3073 - L - 1101

client
Nicolaidas Group

date
07/01/14

designing
First Floor

checked
TM MP

drawing number
3073 - L - 1101

www
P7

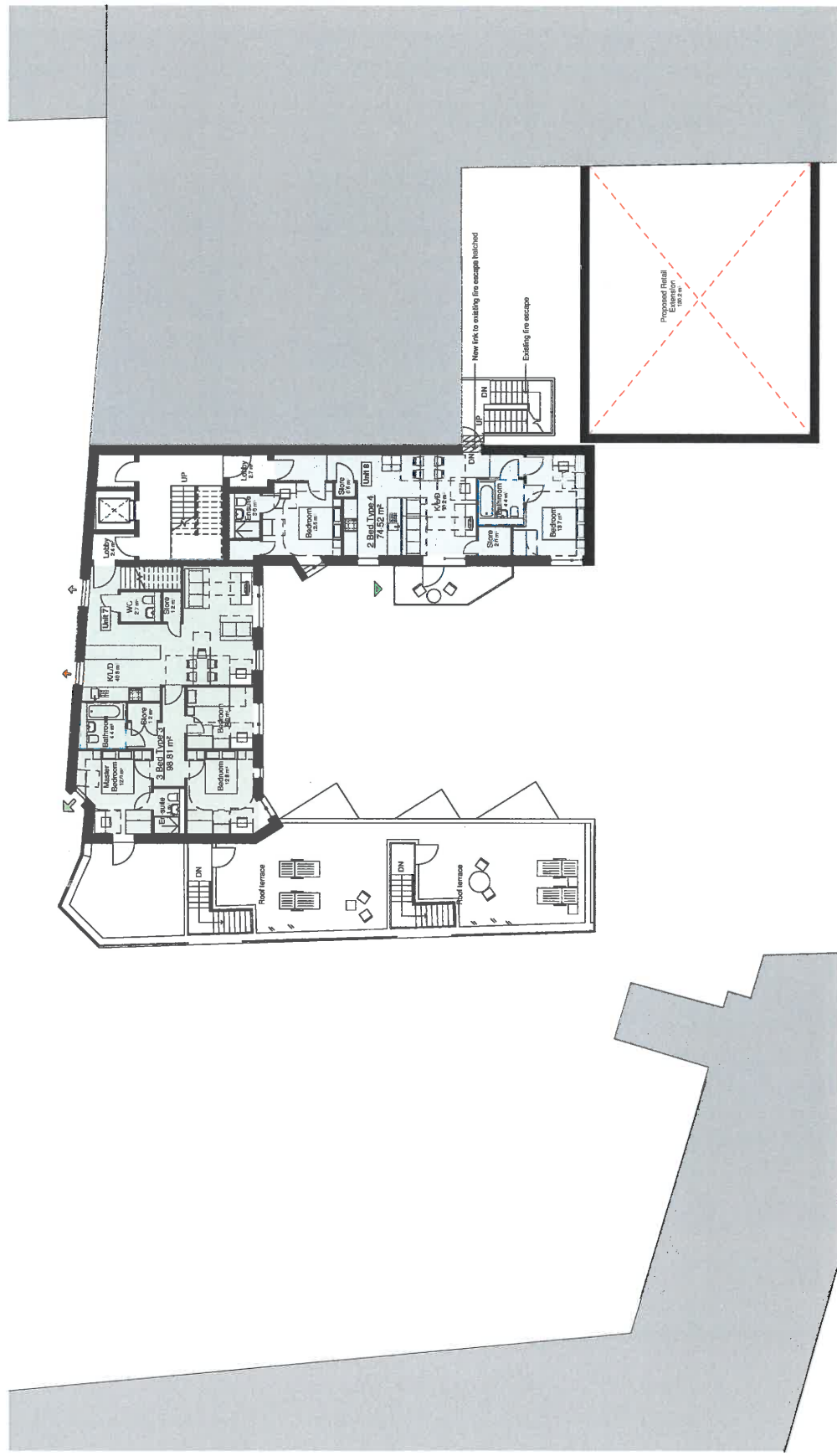
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www.levitberstein.com.au
c:\Users\nicola\My Documents\3073_MWres Development_CSD\TM_L_Rob\lebens.vrt

Centre Heights
Pre-Application

Key

- 2 Bed (Maisonette) - Type 1
- 2 Bed (Maisonette) - Type 2
- 2 Bed - Type 3
- 2 Bed - Type 4
- 2 Bed - Type 5
- 3 Bed - Type 1
- 3 Bed - Type 2
- 3 Bed - Type 3
- 3 Bed - Type 4

- : Translucent Glazing
- ↑ : Directional Views
- △ : Obscure glass / privacy screen



1 Proposed Second Floor
1:100

Centre Heights Pre-Application

date	07/01/14	client	Nicoledes Group
scale	As Indicated	drawing	Second Floor
drawn	TM	checked	PM
TM	3073 - L - 1102	drawing number	P7
C:\Users\nicoledes\Documents\3073_Views Development_CENTRA_crocks_treatment			

For Discussion	08.08.2014
For Pre-App 2	19.08.2014
For Daylight Analysis	01.09.2015
Arrangements	04.09.2015
Drawings (work in progress)	20.04.2015
3D/AR (work in progress)	20.04.2015
Drawings (work in progress)	01.05.2015

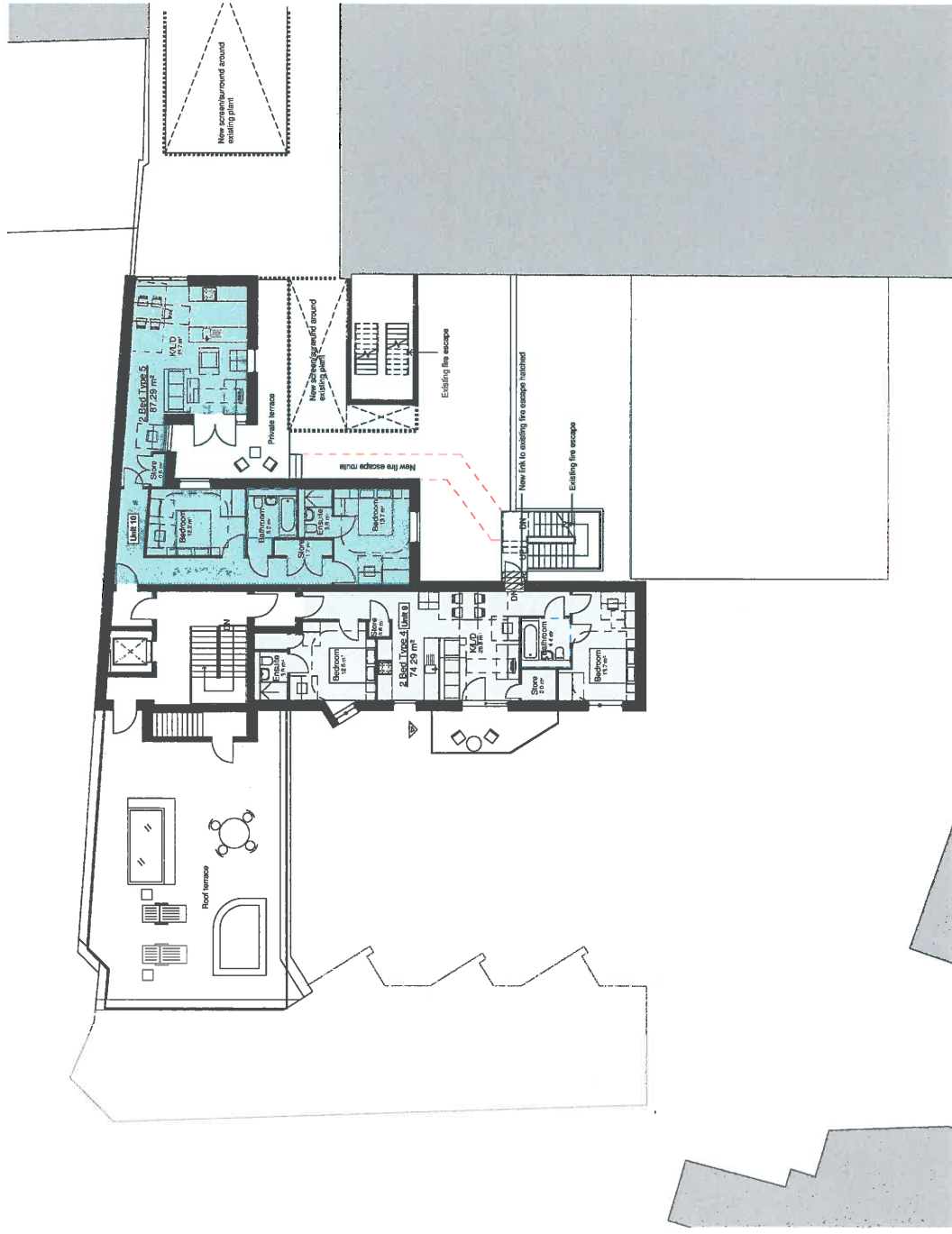
P1	08.08.2014
P2	19.08.2014
P3	01.09.2015
P4	04.09.2015
P5	20.04.2015
P6	20.04.2015
P7	01.05.2015

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Levitt Bernstein

standard notes
1. Do not scale this drawing.
2. All dimensions must be checked on site and any
3. Unless shown otherwise, all dimensions are to
structural surfaces.

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- Key**
- 2 Bed (Maisonette) - Type 1
 - 2 Bed (Maisonette) - Type 2
 - 2 Bed - Type 3
 - 2 Bed - Type 4
 - 2 Bed - Type 5
 - 3 Bed - Type 1
 - 3 Bed - Type 2
 - 3 Bed - Type 3
 - 3 Bed - Type 4

- Translucent Glazing
- Directional Views
- Opaque glass / privacy screen

1 Proposed Third Floor
1:100

Centre Heights Pre-Application

client	Levitt Bernstein Levitt Bernstein 1500 7275 7275 1500 7275 7275 or info@levittbernstn.co.uk
date	07/01/14
drawn	TM
checked	MP
drawn number	3079 - L - 1109
checked number	3079 - L - 1109
drawn	new
checked	P7
development	Development_CENTRAL_CivicHall.apr14.rvt

For Discussion
For Pre-App 2
For daylight analysis
For fire risk analysis
For planning
For planning
Drawing (work in progress)
Drawing (work in progress)

revisions	P1 08.08.2014
	P2 10.08.2014
	P3 10.08.2014
	P4 06.02.2015
	P5 20.04.2015
	P7 01.05.2015

standard notes

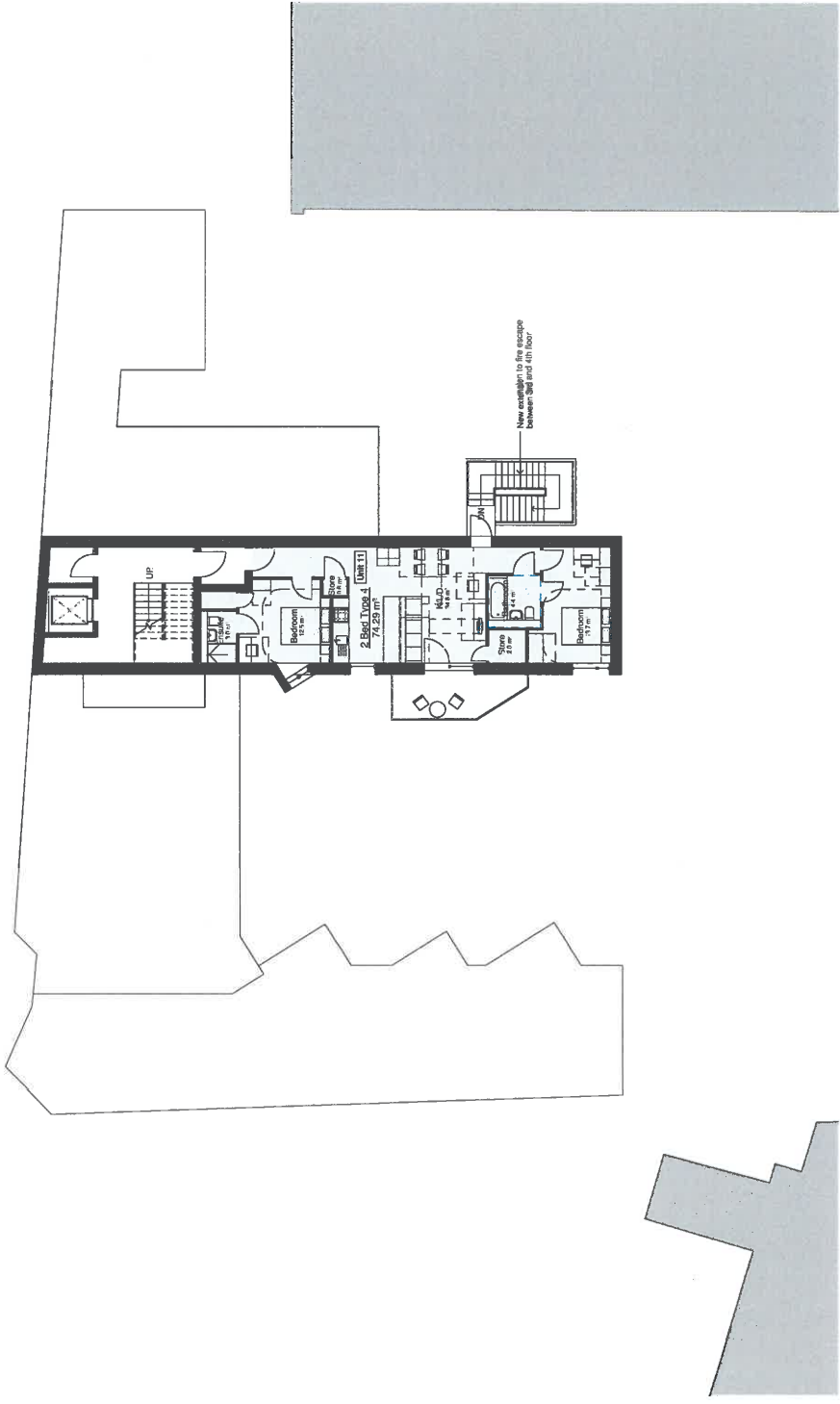
1. Do not scale this drawing.
2. All dimensions must be checked on site and any discrepancies reported to the architect.
3. Unless shown otherwise, all dimensions are to structural surfaces.

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drawing notes

client
Nicolleides Group
drawing
Third Floor
drawn
checked
TM MP 3079 - L - 1109
new
P7

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Levitt Bernstein



Proposed Fourth Floor
1/100

Key

- 2 Bed (Maisonette) - Type 1
- 2 Bed (Maisonette) - Type 2
- 2 Bed - Type 3
- 2 Bed - Type 4
- 2 Bed - Type 5
- 3 Bed - Type 1
- 3 Bed - Type 2
- 3 Bed - Type 3
- 3 Bed - Type 4

: Translucent Glazing
 : Directional Views
 : Obscure glass / privacy screen

Centre Heights Pre-Application

client	Nicolaidis Group
date	07/01/14
scale	As Indicated
drawing	Fourth Floor
drawn	LG
checked	NJ
drawing number	3073 - L - 1104
rev	P1
author	Levitt Bernstein

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revisions

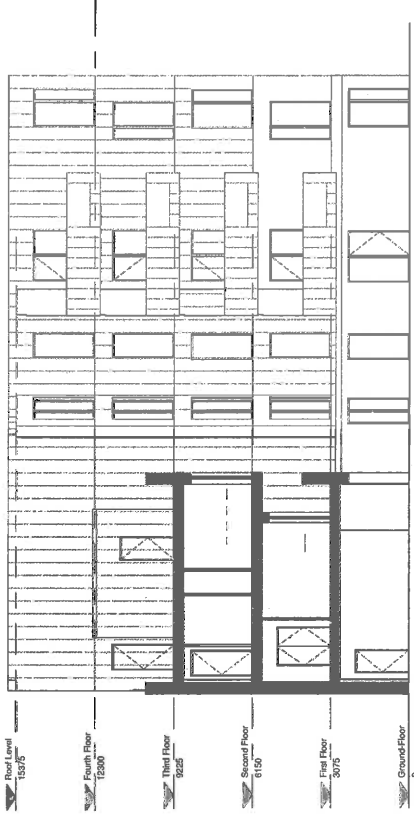
P1	01.05.2015	DRAFT issue of planning drawings (work in progress)
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drawing index

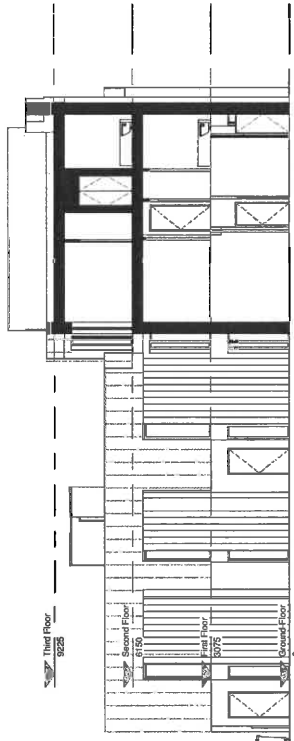
standard notes

- Do not scale this drawing.
- All dimensions must be checked on site and any discrepancies reported immediately.
- Unless shown otherwise, all dimensions are to structural centres.

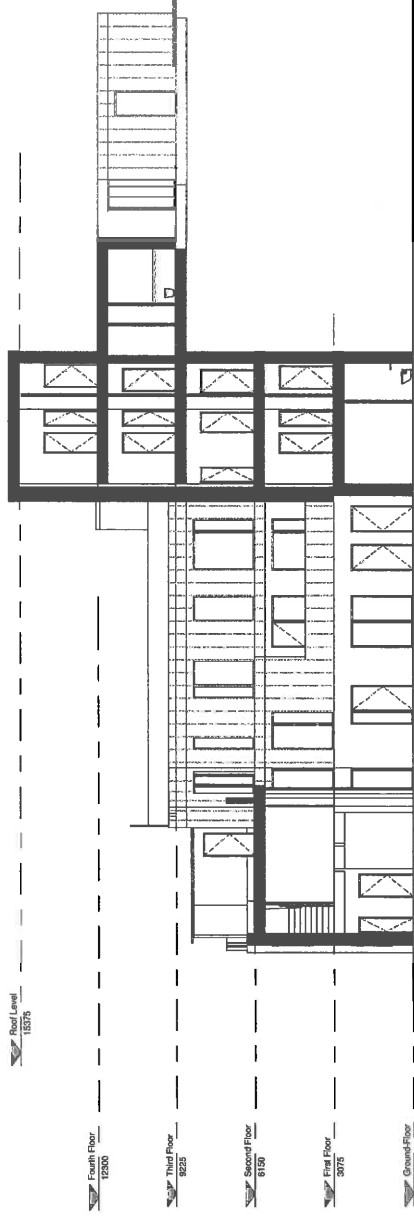
THIS IS NOT A CONSTRUCTION DRAWING. IT IS UNSUITABLE FOR THE PURPOSE OF CONSTRUCTION AND MUST ON NO ACCOUNT BE USED AS SUCH.



Internal Courtyard Elevation East
1 : 100



Internal Courtyard Elevation West
2 : 100



Internal Courtyard Elevation North
3 : 100

Centre Heights Pre-Application

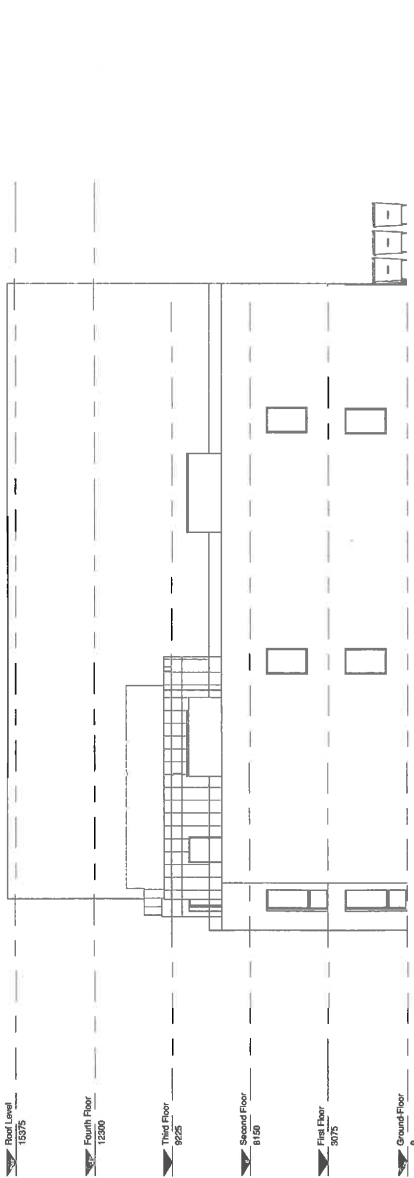
date	05/01/15	client	Nicolaidis Group
scale	1 : 100	drawing	Elevations
drawn	NJ	checked	LBA
drawing number	3073 - L - 1210	rev	P1
<small>CU:\projects\levitt\documents\3073_1\revs Development_CENTRE_preapplication.rvt</small>			
<small>Levitt Bernstein 100 Broad Passage London EC2B 5BB t: 020 7278 7878 f: 020 7278 9248 e: levitt@levittbernstn.co.uk or: per@levittbernstn.co.uk</small>		Levitt Bernstein	

revisions

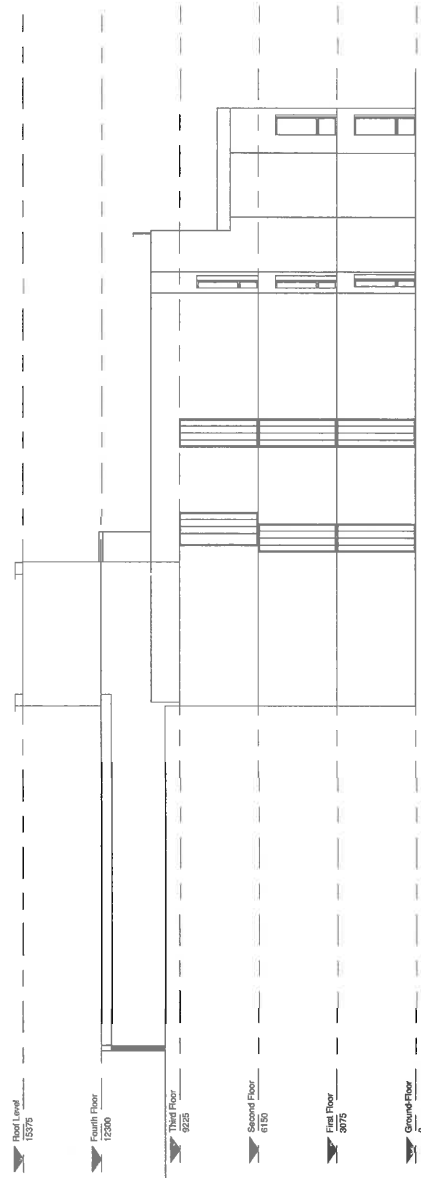
P1	01.05.2015	DRAFT issue of planning drawings (work in progress)
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drawing notes

1. Do not scale this drawing.
 2. All dimensions must be checked on site and any discrepancies reported to the architect.
 3. Unless shown otherwise, all dimensions are to structural centres.
- THIS IS NOT A CONSTRUCTION DRAWING. IT IS UNSUITABLE FOR THE PURPOSE OF CONSTRUCTION AND MUST ON NO ACCOUNT BE USED AS SUCH.**



External Courtyard Elevation
East
1:100



External Courtyard Elevation
South
1:100

standard notes

1. Do not scale this drawing.
 2. All dimensions must be checked on site and any discrepancies must be reported immediately.
 3. Unless shown otherwise, all dimensions are to structural surfaces.
- THIS IS NOT A CONSTRUCTION DRAWING. IT IS UNSUITABLE FOR THE PURPOSE OF CONSTRUCTION AND MUST NOT BE USED AS SUCH.**

revisions

P1	01.05.2015	DRAFT issue of planning drawings (work in progress)
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date

05/01/15

client

Nicolaides Group

scale

1 : 100

drawing

Elevations

drawn

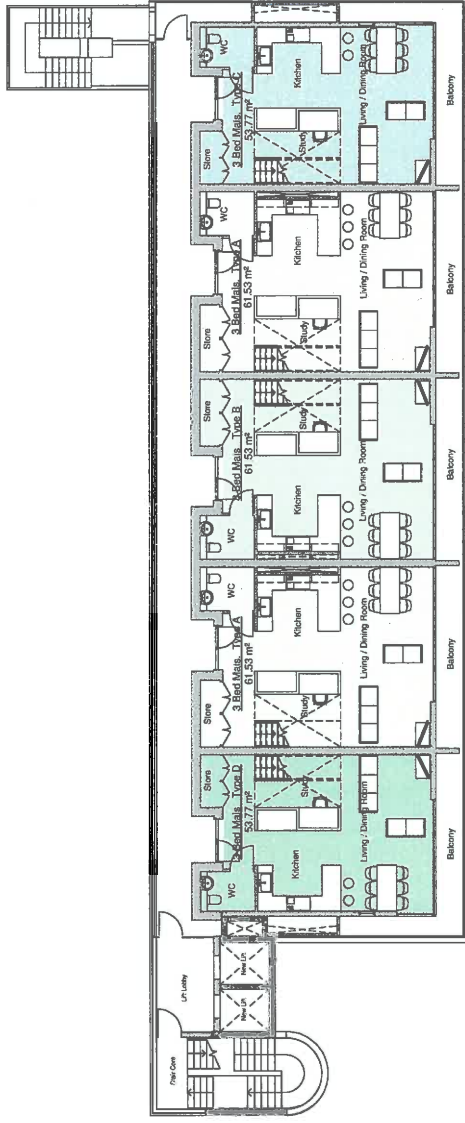
checked drawing number NJ LBA 3073- L - 1211

rev

P1

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Levit Bernstein



11th Eleventh Floor
1:100

- Key**
- 3 Bed Penthouse (Maisonette) - Type A
 - 3 Bed Penthouse (Maisonette) - Type B
 - 3 Bed Penthouse (Maisonette) - Type C
 - 3 Bed Penthouse (Maisonette) - Type D



- standard notes**
1. Do not scale this drawing.
 2. All dimensions must be checked on site and any discrepancies must be reported immediately to the architect.
 3. Unless shown otherwise, all dimensions are to finished surfaces.

THIS IS NOT A CONSTRUCTION DRAWING. IT IS UNSUITABLE FOR THE PURPOSE OF CONSTRUCTION AND MUST ON NO ACCOUNT BE USED AS SUCH.

drawing notes

- revisions**
- P1 17.07.2014 - Drawing renumbered, issued to Design Team
 - P2 18.08.2014 - Issues for P10 Application 2

date July 2014
client Anasapal Ltd
architect Levitt Bernstein
scale 1:100 @ A1
drawing number Proposed Eleventh Floor Plan
drawing number 1:200 @ A3
ED NJ 3073- L - 131
rev P2

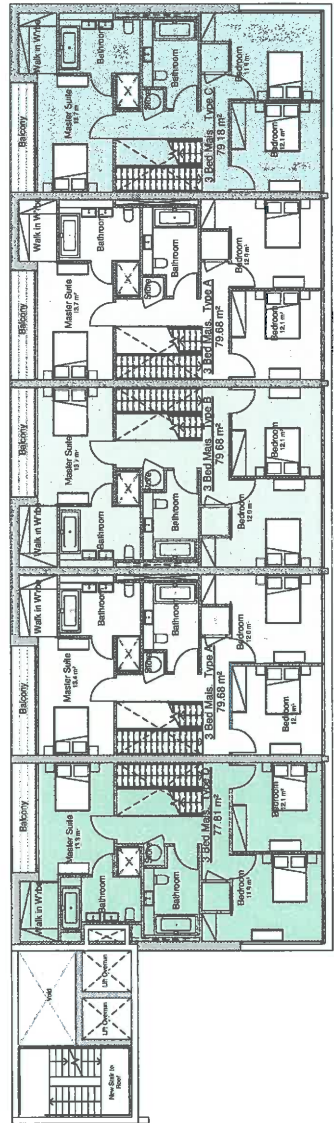
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 w: www.levittberstein.co.uk
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3073 Centre Heights Swiss Cottage

3073 Centre Heights Swiss Cottage

client Levitt Bernstein
date July 2014
scale 1:100 @ A1
drawing Proposed Twelfth Floor Plan
drawn 1:200 @ A3
ED NJ 3073 - L - 132
rev P2
author C:\Users\Edmund.dewey\Documents\3073_Centre Heights_Centre\Levitt Bernstein

- key**
- 3 Bed Penthouse (Miscellaneous) - Type A
 - 3 Bed Penthouse (Miscellaneous) - Type B
 - 3 Bed Penthouse (Miscellaneous) - Type C
 - 3 Bed Penthouse (Miscellaneous) - Type D

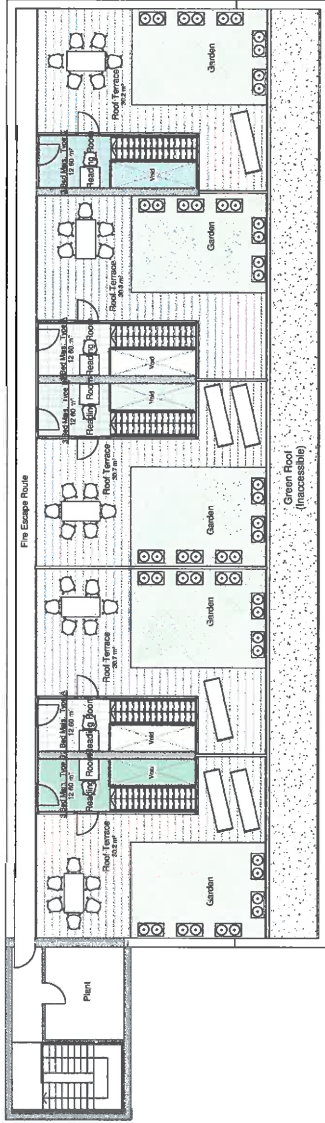


1 Twelfth Floor
1:100

revisions
 P1 17.07.2014 - Drawing re-numbered, issued to Design Team
 P2 18.08.2014 - Issue for Proc Application 2

drawing notes
 1. Do not scale the drawing.
 2. All dimensions must be checked on site and any
 3. Unless shown otherwise, all dimensions are to
 finished surfaces.
**THIS IS NOT A CONSTRUCTION DRAWING. IT IS
 UNSUITABLE FOR THE PURPOSE OF CONSTRUCTION
 AND MUST ON NO ACCOUNT BE USED AS SUCH.**





- Key**
- 3 Bed Penthouse (Maisonette) - Type A
 - 3 Bed Penthouse (Maisonette) - Type B
 - 3 Bed Penthouse (Maisonette) - Type C
 - 3 Bed Penthouse (Maisonette) - Type D

1 Thirteenth Floor
1:100

standard notes

1. Do not scale this drawing.
2. All dimensions must be checked on site and any discrepancies must be reported immediately.
3. Unless shown otherwise, all dimensions are to structural surfaces.

THIS IS NOT A CONSTRUCTION DRAWING. IT IS UNSUITABLE FOR THE PURPOSE OF CONSTRUCTION AND MUST NOT BE USED AS SUCH.

revisions

P1	17.07.2014	Drawing resubmitted. Issued to Design Team
P2	18.08.2014	Issued for Construction 2

date July 2014
scale 1:100 @ A1
drawn 1:200 @ A3
ED NJ 3079 - L - 133
 Client: ESWestLewy Document: 3079_Centre Heights Central_Lobby.dwg

client Anasapal Ltd
proposed Thirteenth Floor Plan
drawing number www
rev P2

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