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13491 Haverstock Hill  
Cambridge Gate Properties

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Daylight & Sunlight  
Report  
Point2Surveyors  
July 2016

Piercy & Company

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5-17 HAVERSTOCK HILL,  
CAMDEN, LONDON

## Daylight & Sunlight Report

*Overshadowing*

• *Daylight & Sunlight* • *Light Pollution* •

*Solar Glare* • *Daylight Design*

DIRECTOR: LIAM DUNFORD  
CLIENT: CAMBRIDGE GATE PROP C  
DATE: JULY 2016  
VERSION: DRAFT PLANNING  
PROJECT: P385

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## **1 Introduction**

- 1.1 This reports relates to the Piercy & Co designed scheme for Cambridge Gate Properties, for the redevelopment of the 5-17 Haverstock Hill insofar as it affects the daylight and sunlight amenity to the surrounding residential properties.

## **2 Planning Overview**

- 2.1 Through the planning process the local authority will wish to be reassured that the construction of the new scheme will not materially harm the neighbours' daylight and sunlight beyond BRE and British Standard Guidance.
- 2.2 The Local Authority will be informed in this by the BRE document entitled Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice 2011 (the BRE Guidelines). This document is the principal guidance in this area and sets out the methodology for measuring light and recommends what it considers to be permitted or unobtrusive levels of change.
- 2.3 The BRE guidelines are not mandatory, though local planning authorities and planning inspectors will consider the suitability of a proposed scheme for a site within the context of BRE Guidance. Consideration will be given to the urban context within which a scheme is located and the daylight and sunlight will be one of a number of planning considerations which the local authority will weigh.

## **3 Methodology**

- 3.1 To quantify the effect of developing 5-17 Haverstock Hill insofar as it effects the daylight and sunlight amenity to the surrounding residential properties and areas, we have constructed a three dimensional computer model of the site and relevant neighbouring properties.
- 3.2 We have then undertaken technical analysis to measure the light received by neighbouring properties and open spaces both before and after the proposed scheme is constructed.

### **Daylight**

- 3.3 In accordance with the BRE Guidelines, only residential properties are considered for daylight levels. Living rooms, kitchens and bedrooms are the primary focus of the guideline recommendations.
- 3.4 The initial test proposed by the BRE Guidelines is to establish if the proposed massing subtends above a 25° section line drawn from the centre of the window/room in question. If the angle is breached, it is necessary to undertake more detailed technical calculations such as Vertical Sky Component (VSC) and No Sky Line (NSL).
- 3.5 The Vertical Sky Component (VSC) analysis assesses the amount of sky visibility at the centre of the outside of a window face. The No Sky Line (NSL) analysis assesses the extent of the area of a room which can benefit from sky visibility at working plane height (850mm). These measurements are taken both before and after the construction of the proposed development.



- 3.6 The BRE Guidelines permit a reduction of up to 20% of the existing VSC values in situations where the retained VSC value falls below 27%, which is the BRE recommended VSC level for adequate daylight amenity in a suburban environment. The 20% maximum recommended reduction is based upon the BRE stating that a change up to this extent would remain unnoticeable. The 20% reduction recommendation is also applicable to the NSL values.

### Sunlight

- 3.7 The BRE Guidelines use Annual Probable Sunlight Hours (APSH) as the methodology for calculating sunlight levels when a 25° section line, as per daylight assessments, is breached.
- 3.8 The BRE recommends that the APSH in the proposed situation should be at least 25% of the annual total of which 5% should be from the winter months. When the proposed value falls short of this standard the reduction should be within 0.8 times its former value.
- 3.9 Only residential properties that face within 90° of due south are taken into account for sunlight analysis, the BRE Guidelines considers that sunlight to main living room windows as the most important.
- 3.10 For existing residential properties, the BRE Guidelines state in Section 3.2.3 that: “all main living rooms of dwellings...should be checked if they have a window facing within 90° of due south, kitchens and bedrooms are less important, although care should be taken not to block too much sun”.

Significance	Description
Negligible	No alteration or a small alteration from the existing scenario which is within the numerical levels suggested in the BRE Guidelines.
Minor	Marginal infringements (20-29.9%) of the numerical values suggested in the BRE Guidelines, which should be viewed in context.
Moderate	Moderate infringements (30-39.9%) of the numerical values suggested in the BRE Guidelines, which should be viewed in context.
Major	Major infringements (40%+) of the numerical values suggested within the BRE Guidelines, which should be viewed in context.

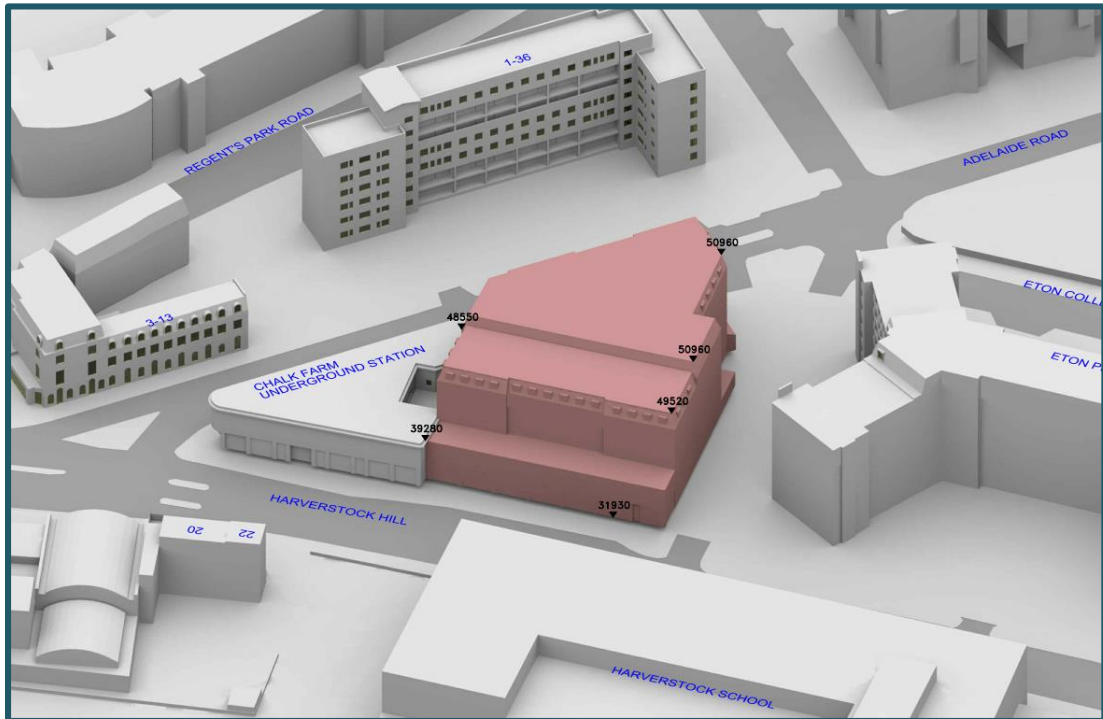
## 4 Sources of Information

Site Photographs	-	Point 2 Surveyors
Ordnance Survey	-	OS Map
CBRE	-	103307-A.pdf 103307E-01.dwg 103307T-01.dwg
Proposed Scheme	-	Piercy & Co Architects: Proposed Scheme received 11/05/16 2D Plans & Elevations



## 5 The Site

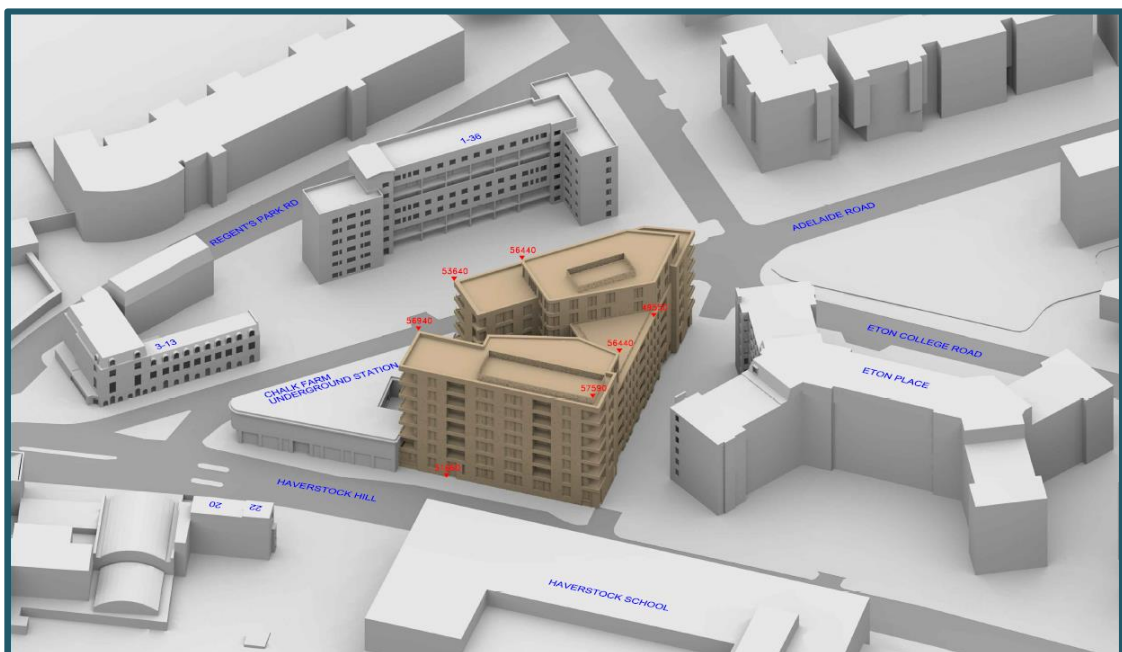
5.1 The site is located in Central London in the Borough of Camden.



Drawing Number: P385/02 – 3D View - Existing Buildings

5.2 Our understanding of the site location and the existing buildings which occupy the site can be seen within drawings P385/01 - 03 which can be found within Appendix A.

## 6 The Scheme



Drawing Number: P385/31 – 3D View – Proposed Scheme

6.1 Our understanding of the proposed scheme is illustrated in drawings P385/30-32 located in Appendix A.

## 7 The Neighbours

7.1 The following neighbouring properties contain residential accommodation and, due to their proximity to the development site, have been assessed in terms of the effects of the proposed development upon their daylight and sunlight amenity:

- Eton Place
- Haverstock Hill
- 18 Haverstock Hill
- 3-13 Adelaide Road
- 22 Haverstock Hill
- 20 Haverstock Hill
- 1-36 Adelaide Road (Bridge House)

## 8 Effects of the Scheme

8.1 The proposed scheme can be found illustrated within Appendix A. Results for each window/room can be found in Appendix B.

### **Eton Place, Eton College Road**

8.2 This building is a 6 storey apartment block, solely in residential use, and runs along the entirety of the development site's north-west boundary. We have been able to acquire a set of floor plans and are therefore able to analyse the property with a high degree of accuracy in respect of both and Vertical Sky Component and Daylight Distribution.

### **Daylight**

8.3 There are 103 site facing windows, of these 25 serve bathrooms and owing to the none habitable nature have been discounted. The remaining 78 have been assessed.

8.4 Following consideration of the building plans we can conclude that all living rooms are served by two windows and the kitchens and bedrooms by one. In considering both VSC and Daylight Distribution concurrently 32 windows experience derogation beyond 20%; of these 17 experience 30% or less and we would consider minor and 5 windows moderate, of these 15 windows all except one (Livingroom R4/20 which has a 34% reduction in Daylight Distribution and 31% reduction in VSC) serve kitchens and bedrooms, the latter of which we consider less important than living rooms.

8.5 Although some windows facing the site will experience reductions in VSC and/or Daylight Distribution which are in excess of guidance there are mitigating factors which explain why this is the case. Principally, the urban setting of the site and the Y-shaped configuration of the building means that the rooms and windows facing the site receive light from an oblique view and are sensitive to further change.



- 8.6 The development site is, therefore, somewhat constrained by the architecture of the building itself as it is largely dependent on deriving light from this direction. Where there are derogations from BRE guidance only circa 20% are considered to present moderate reductions in daylight with the remaining either compliant or minor.
- 8.7 Overall, the effect of the proposed development upon the daylight amenity of this property is, therefore, considered to be acceptable and commensurate with other housing developments in similar urban locations.

### **Sunlight**

- 8.8 There are 98 rooms within this building which have site facing windows, and which are orientated to within 90 degrees of due south. The BRE considers kitchens and bedrooms as less important than living rooms in connection with Sunlight analysis. 24 living rooms face the site of which only 6 experience derogations from guidance. In each case the retained levels of APSH are good for an urban area.

### **22 Haverstock Hill**

- 8.9 Located across Haverstock Hill to the north-east of the site this property is thought to be solely in residential usage.

### **Daylight**

- 8.10 There are 9 windows serving five site facing residential rooms, all of which have been assessed.
- 8.11 All windows and rooms are fully BRE compliant in terms of both VSC and NSL alterations.
- 8.12 Overall, the effect of the proposed development upon the daylight amenity of this property is, therefore, considered to be negligible in nature.

### **Sunlight**

- 8.13 4 of the 5 rooms within this building which have site facing windows and which are orientated to within 90 degrees of due south are all fully compliant with the BRE guidelines relating to sunlight amenity. The one room which does experience an alteration in excess of guidance will have a reduction of 25%, which is only narrowly short of the permitted the 20% and will retain APSH values commensurate with its urban surroundings.

### **20 Haverstock Hill**

- 8.14 Located across Haverstock Hill to the north-east of the site this property is thought to be solely in residential usage.

### **Daylight**

- 8.15 There are 11 windows serving 11 site facing residential rooms, all of which have been assessed.
- 8.16 All windows and rooms are fully BRE compliant in terms of both VSC and NSL alterations.
- 8.17 Overall, the effect of the proposed development upon the daylight amenity of this property is, therefore, considered to be negligible in nature.





### **Sunlight**

- 8.18 The 11 rooms within this building which have site facing windows and which are orientated to within 90 degrees of due south are all fully compliant with the BRE guidelines relating to sunlight amenity.

### **18 Haverstock Hill**

- 8.19 Located across Haverstock Hill to the north-east of the site this property is in mixed use, with retail/ commercial element at ground floor level and residential accommodation above.

### **Daylight**

- 8.20 There are 2 windows serving two site facing residential rooms, all of which have been assessed.
- 8.21 All windows and rooms are fully BRE compliant in terms of both VSC and NSL alterations.
- 8.22 Overall, the effect of the proposed development upon the daylight amenity of this property is, therefore, considered to be negligible in nature.

### **Sunlight**

- 8.23 The two rooms within this building which have site facing windows, and which are orientated to within 90 degrees of due south, are all fully compliant with the BRE guidelines relating to sunlight amenity.

### **3-13 Adelaide Road**

- 8.24 Located across Adelaide Road to the south of the site this three storey property is in mixed use. The building contains residential accommodation from first floor and above, with retail/ office elements at ground floor level.

### **Daylight**

- 8.25 There are 29 windows serving 26 site facing residential rooms, all of which have been assessed.
- 8.26 All windows and rooms within these buildings are fully BRE compliant in terms of VSC and NSL alterations.
- 8.27 Overall, the effect of the proposed development upon the daylight amenity of these properties is, therefore, considered to be negligible in nature.

### **Sunlight**

- 8.28 The one room within this building which have site facing windows, and which is orientated to within 90 degrees of due south, is all fully compliant with the BRE guidelines relating to sunlight amenity.



### **1-36 Adelaide Road (Bridge House)**

- 8.29 Located directly to the south of the development site across Adelaide Road this six storey building is solely in residential use. Several floors are served by deck access and in accordance with BRE Guidance the calculation points have been moved to the external face of the property to provide a calculation without this constraint in place.

#### **Daylight**

- 8.30 There are 146 windows serving 116 site facing residential rooms, all of which have been assessed.
- 8.31 The majority of windows and rooms within the property are fully BRE compliant on the basis that the percentage changes to VSC and NSL values will be less than 20%.

#### **Sunlight**

- 8.32 The twelve rooms within this building which have site facing windows, and which are orientated to within 90 degrees of due south, are all fully compliant with the BRE guidelines relating to sunlight amenity.

### **9 Conclusion**

- 9.1 Detailed technical analysis has been undertaken to quantify the effect of the construction of the proposed 5-17 Haverstock Hill scheme upon the daylight amenity of the neighbouring residential properties and can be found within Appendix B.
- 9.2 All properties with the exception of Eton Place are fully compliant with BRE Guidance and will not experience any noticeable reductions in Daylight/Sunlight amenity.
- 9.3 With regards to Eton Place considering both VSC and Daylight Distribution concurrently 32 windows experience derogation beyond 20%; of these 17 experience 30% or less and considered minor and 5 windows considered moderate, of these 15 windows all except one (Livingroom R4/20 which has a 34% reduction in Daylight Distribution and 31% reduction in VSC) serve kitchens and bedrooms, the latter of which we consider less important than living rooms. Bearing in mind the urban location of the site and the constrained 'Y' shaped configuration of Eton place we consider the proposed Daylight and Sunlight position acceptable in planning terms.
- 9.4 Overall, the proposed 5-17 Haverstock Hill scheme will relate well to the neighbouring residential properties in terms of daylight and sunlight amenity. Where there are derogations from BRE guidance these are considered to be minor, and largely due to the boundary proximity of certain windows/rooms which have low baseline daylight amenity values in the existing situation. The retained values of these affected rooms are, however, commensurate with those in similar urban environments. We, therefore, fully support this application with regards to daylight and sunlight.



# Appendix A – Drawings





Sources: CBRE:  
 103307-A.pdf  
 103307E-01.dwg  
 103307T-01.dwg

Proposed Scheme:  
 150303 Model.dwg

OS Map

Site Photos

Key: Existing Buildings —  
 Proposed Scheme —

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N

Project: 5-17 Harverstock Hill

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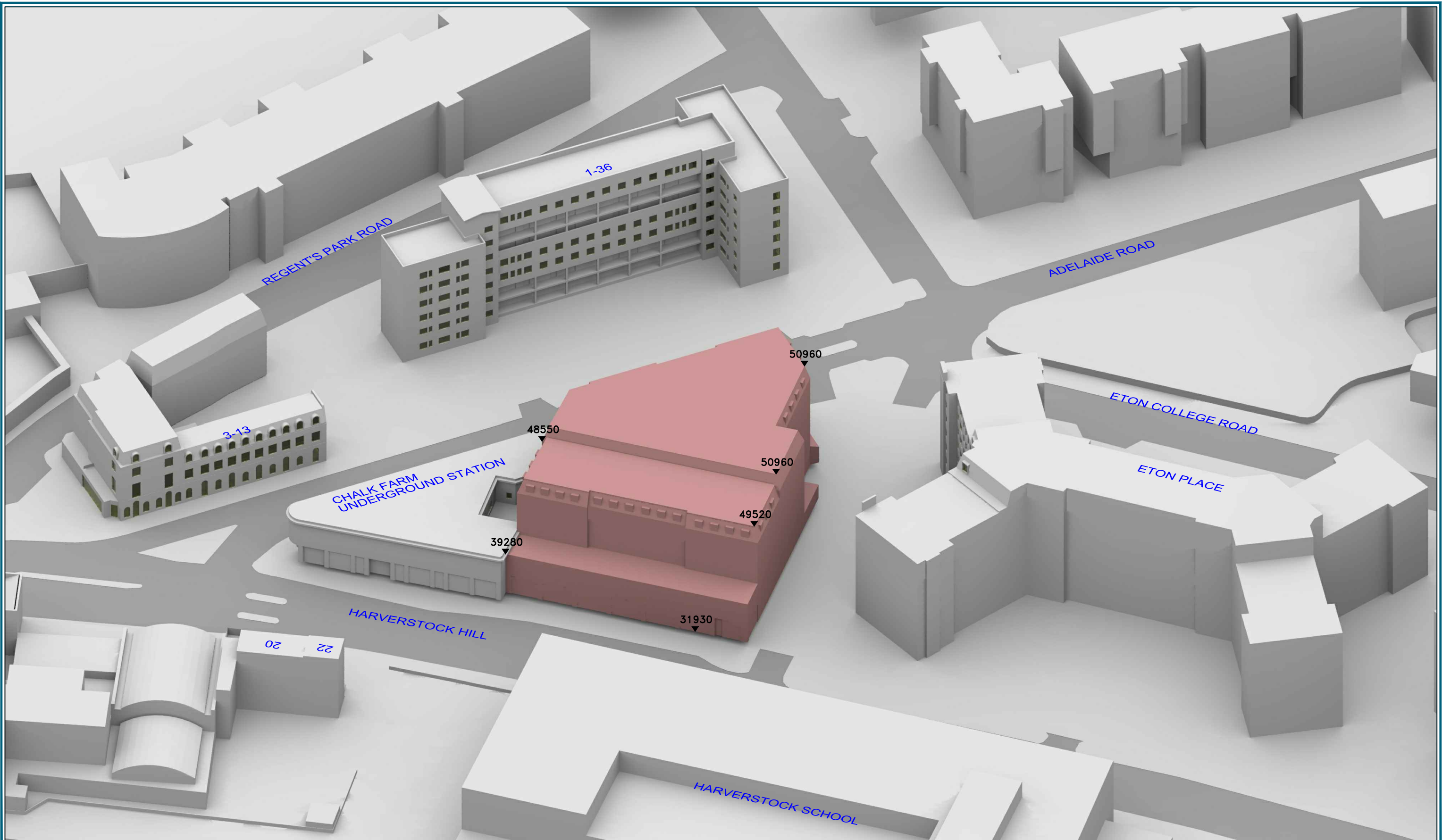
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Dwg No: **P385/01**

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 3rd Floor,  
 17 Slingsby Place,  
 London WC2E 9AB,  
 0207 836 5828  
 www.point2surveyors.com



Sources: CBRE:  
 103307-A.pdf  
 103307E-01.dwg  
 103307T-01.dwg

Proposed Scheme:  
 150303 Model.dwg

OS Map

Site Photos

Key: Existing Buildings ———  
 Proposed Scheme ———

Project: 5-17 Harverstock Hill

Drawn By: CGC

Scale: NTS

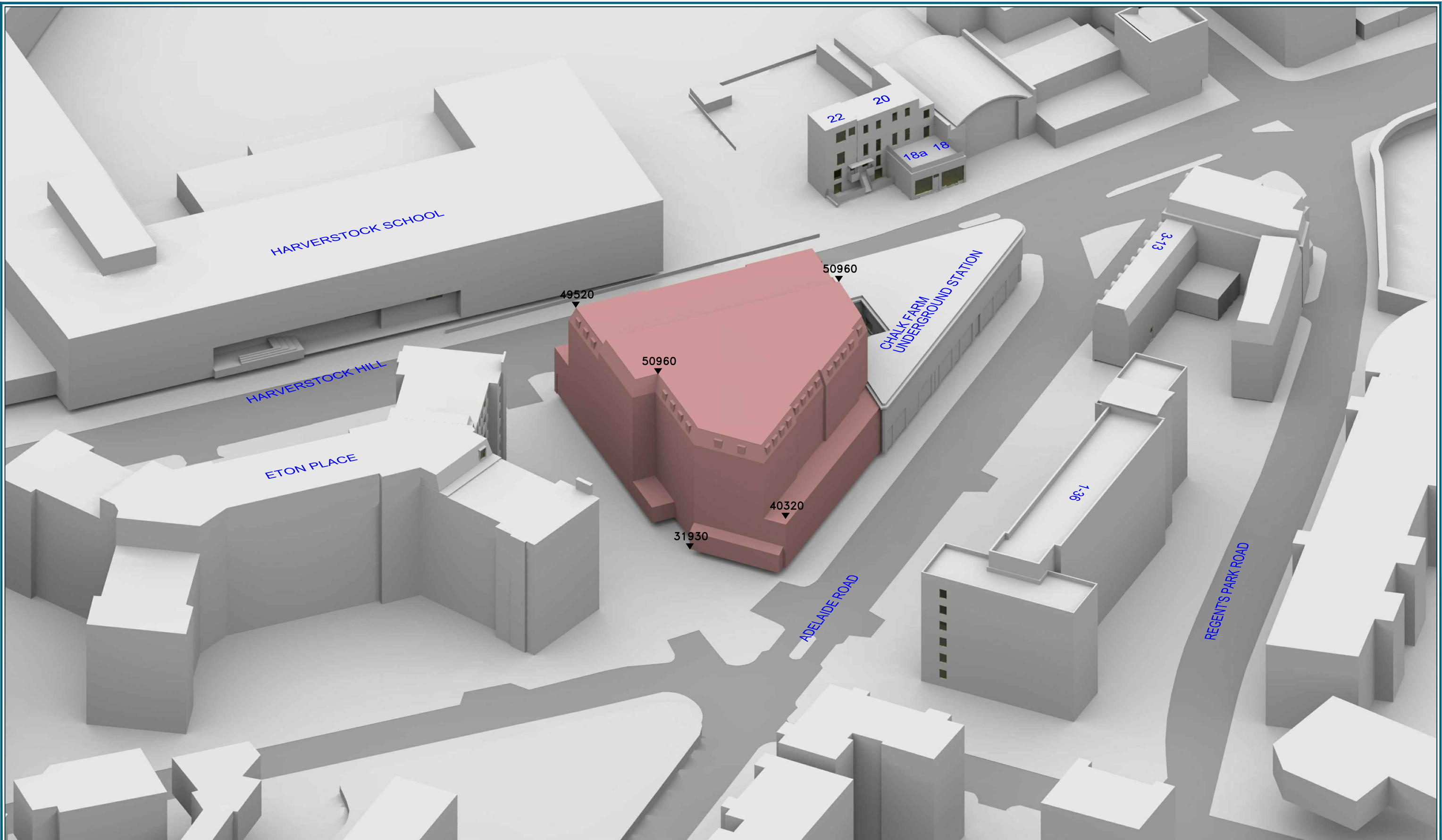
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Dwg No: **P385/02**

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Sources: CBRE:  
 103307-A.pdf  
 103307E-01.dwg  
 103307T-01.dwg

Proposed Scheme:  
 150303 Model.dwg

OS Map

Site Photos

Key: Existing Buildings ———  
 Proposed Scheme ———

Project: 5-17 Harverstock Hill

Drawn By: CGC

Title: 3D View  
 Existing Buildings

Dwg No: **P385/03**

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Sources: CBRE:  
 103307-A.pdf  
 103307E-01.dwg  
 103307T-01.dwg

PIERCY & CO  
 Proposed Scheme 11/05/16  
 160425\_Haverstock Hill Model.DWG

OS Map

Site Photos

Key:



Project: 5-17 Haverstock Hill

Drawn By: BW

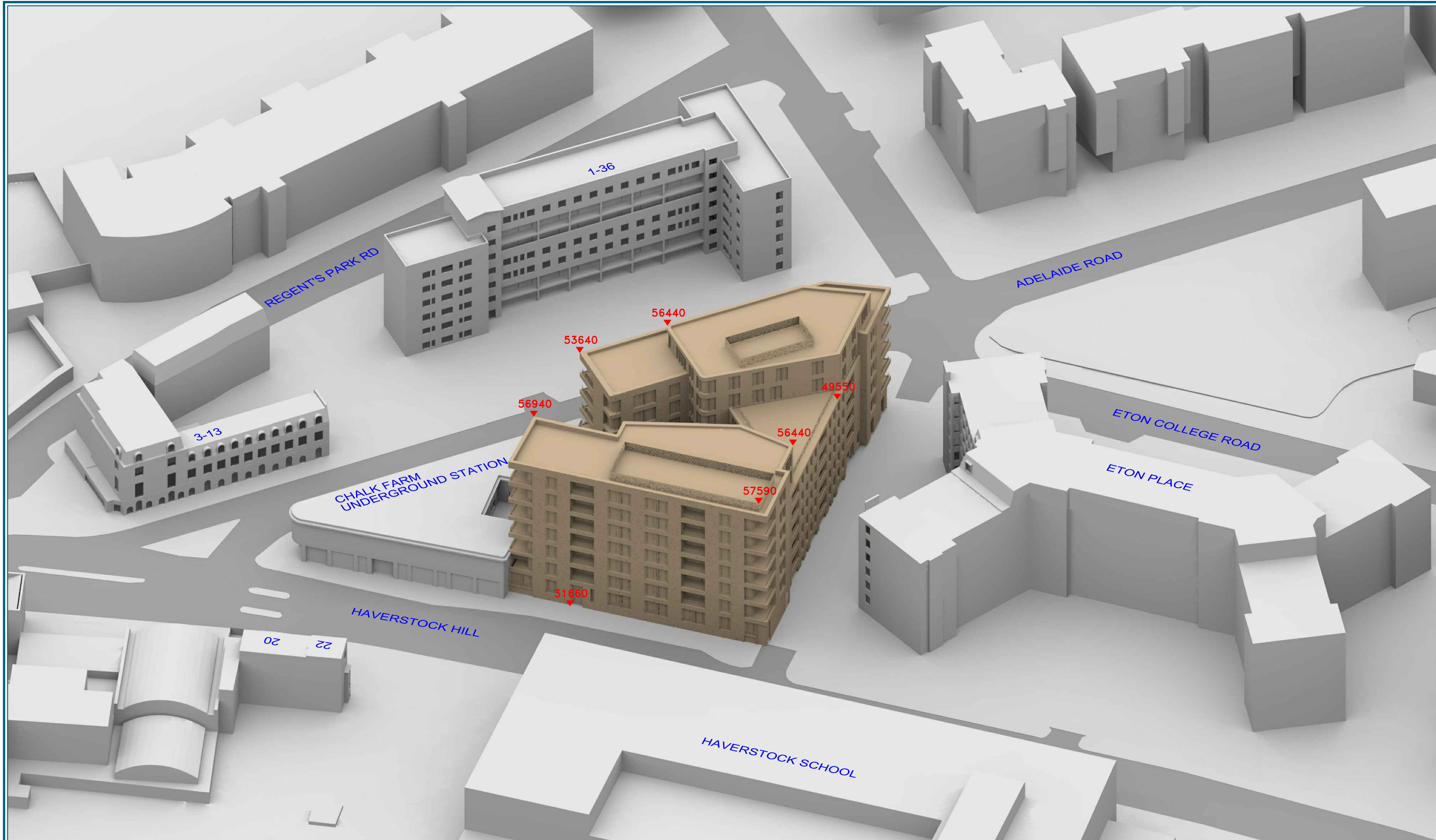
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Dwg No: **P385/18**

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Sources: CBRE:  
 103307-A.pdf  
 103307E-01.dwg  
 103307T-01.dwg

PIERCY & CO  
 Proposed Scheme 11/05/16  
 160425\_Haverstock Hill Model.DWG

OS Map

Site Photos

Key:

Project: 5-17 Haverstock Hill

Drawn By: BW

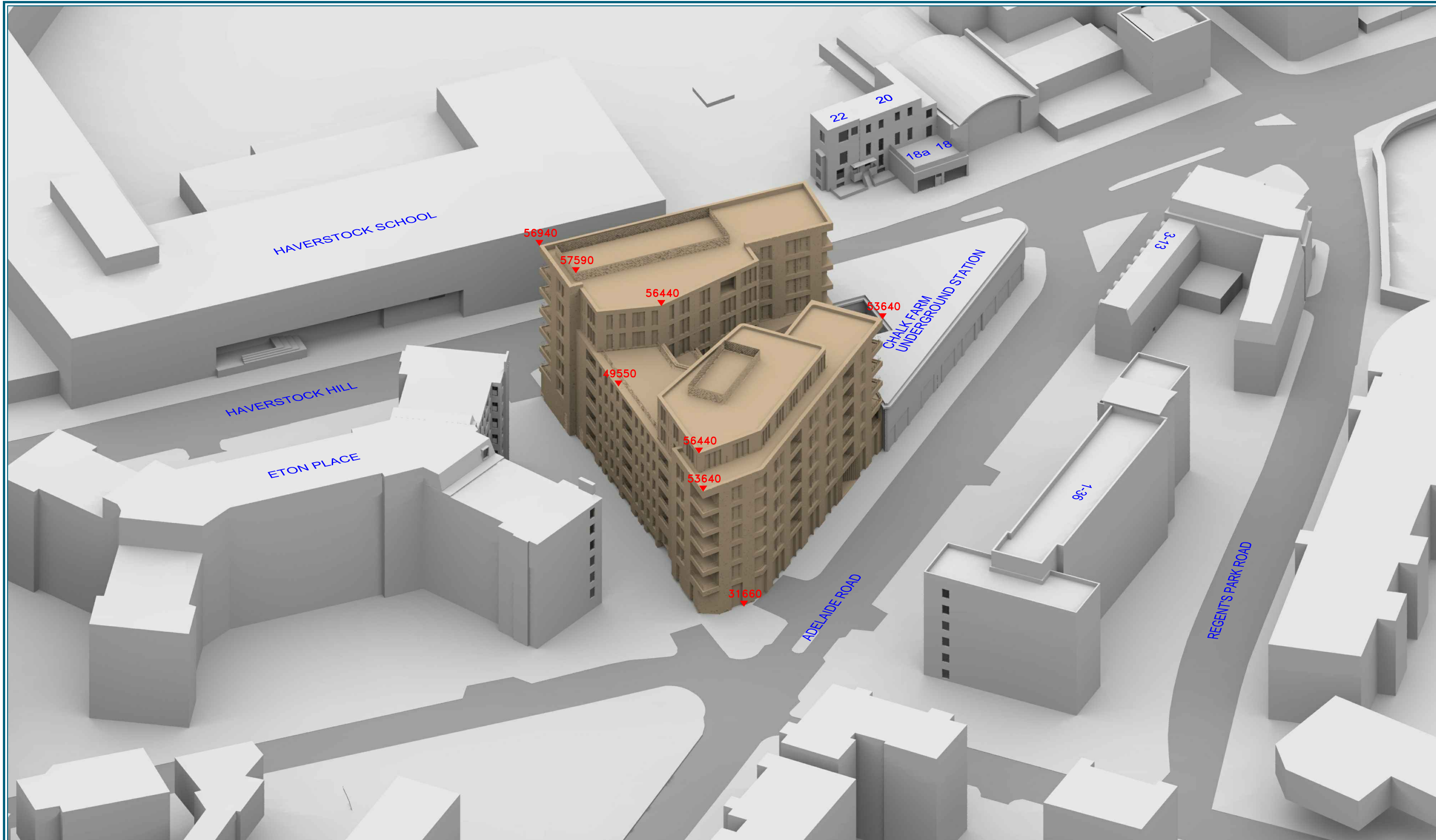
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 Proposed Scheme Dated 11/05/16

Date: Jul 16

Dwg No: **P385/31**

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Sources: CBRE:  
 103307-A.pdf  
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 103307T-01.dwg

PIERCY & CO  
 Proposed Scheme 11/05/16  
 160425\_Haverstock Hill Model.DWG

OS Map  
 Site Photos

Key:

Project: 5-17 Haverstock Hill

Title: 3D View  
 Proposed Scheme Dated 11/05/16

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Drawn By: BW

Scale: NTS

Date: Jul 16

Dwg No: **P385/32**



## Appendix B – Technical Results



Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC	Room	Room Use	Window	EXISTING ADF	TOTAL	PROPOSED ADF	TOTAL	TOTAL LOSS	%LOSS ADF
<b>Eton Place, Eton College Road</b>							<b>Eton Place, Eton College Road</b>								
R1/10	LIVINGROOM	W1/10	32.88	26.89	5.99	18.22	R1/10	LIVINGROOM	W1/10	0.91		0.79			
R1/10	LIVINGROOM	W2/10	21.01	11.67	9.34	44.46	R1/10	LIVINGROOM	W2/10	0.58	1.49	0.40	1.20	0.30	19.77
R2/10	BATHROOM	W3/10	10.39	9.33	1.06	10.20	R2/10	BATHROOM	W3/10	1.01	1.01	0.97	0.97	0.04	3.56
R3/10	KITCHEN	W4/10	15.89	11.70	4.19	26.37	R3/10	KITCHEN	W4/10	1.10	1.10	0.90	0.90	0.20	17.97
R4/10	BEDROOM	W5/10	21.46	13.73	7.73	36.02	R4/10	BEDROOM	W5/10	1.74	1.74	1.27	1.27	0.47	27.18
R5/10	LIVINGROOM	W6/10	21.79	14.44	7.35	33.73	R5/10	LIVINGROOM	W6/10	0.61		0.47			
R5/10	LIVINGROOM	W7/10	21.48	14.54	6.94	32.31	R5/10	LIVINGROOM	W7/10	0.61	1.22	0.47	0.93	0.29	23.40
R6/10	KITCHEN	W8/10	20.82	14.29	6.53	31.36	R6/10	KITCHEN	W8/10	1.37	1.37	1.07	1.07	0.30	21.82
R7/10	BATHROOM	W9/10	20.17	13.92	6.25	30.99	R7/10	BATHROOM	W9/10	1.45	1.45	1.14	1.14	0.31	21.15
R8/10	BEDROOM	W10/10	18.99	13.04	5.95	31.33	R8/10	BEDROOM	W10/10	0.91	0.91	0.71	0.71	0.20	21.85
R1/11	LIVINGROOM	W1/11	34.05	28.10	5.95	17.47	R1/11	LIVINGROOM	W1/11	0.99		0.86			
R1/11	LIVINGROOM	W2/11	23.58	13.82	9.76	41.39	R1/11	LIVINGROOM	W2/11	0.66	1.65	0.48	1.34	0.31	18.63
R2/11	BATHROOM	W3/11	11.90	10.86	1.04	8.74	R2/11	BATHROOM	W3/11	1.16	1.16	1.13	1.13	0.03	2.84
R3/11	KITCHEN	W4/11	18.09	13.69	4.40	24.32	R3/11	KITCHEN	W4/11	1.25	1.25	1.05	1.05	0.20	16.19
R4/11	BEDROOM	W5/11	24.09	16.23	7.86	32.63	R4/11	BEDROOM	W5/11	2.00	2.00	1.52	1.52	0.48	24.10
R5/11	LIVINGROOM	W6/11	24.46	17.04	7.42	30.34	R5/11	LIVINGROOM	W6/11	0.70		0.55			
R5/11	LIVINGROOM	W7/11	24.13	17.15	6.98	28.93	R5/11	LIVINGROOM	W7/11	0.69	1.40	0.56	1.11	0.29	20.72
R6/11	KITCHEN	W8/11	23.40	16.86	6.54	27.95	R6/11	KITCHEN	W8/11	1.57	1.57	1.27	1.27	0.30	19.13

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC	Room	Room Use	Window	EXISTING ADF	TOTAL	PROPOSED ADF	TOTAL	TOTAL LOSS	%LOSS ADF
R7/11	BATHROOM	W9/11	22.63	16.39	6.24	27.57	R7/11	BATHROOM	W9/11	1.66	1.66	1.35	1.35	0.31	18.54
R8/11	BEDROOM	W10/11	21.22	15.30	5.92	27.90	R8/11	BEDROOM	W10/11	1.03	1.03	0.84	0.84	0.20	19.09
R1/12	LIVINGROOM	W1/12	35.30	29.49	5.81	16.46	R1/12	LIVINGROOM	W1/12	1.01		0.89			
R1/12	LIVINGROOM	W2/12	26.38	16.41	9.97	37.79	R1/12	LIVINGROOM	W2/12	0.72	1.73	0.53	1.42	0.30	17.60
R2/12	BATHROOM	W3/12	13.67	12.64	1.03	7.53	R2/12	BATHROOM	W3/12	1.26	1.26	1.24	1.24	0.03	2.29
R3/12	KITCHEN	W4/12	20.50	15.97	4.53	22.10	R3/12	KITCHEN	W4/12	1.34	1.34	1.15	1.15	0.20	14.68
R4/12	BEDROOM	W5/12	26.98	19.15	7.83	29.02	R4/12	BEDROOM	W5/12	2.16	2.16	1.69	1.69	0.47	21.68
R5/12	LIVINGROOM	W6/12	27.40	20.07	7.33	26.75	R5/12	LIVINGROOM	W6/12	0.76		0.61			
R5/12	LIVINGROOM	W7/12	27.07	20.19	6.88	25.42	R5/12	LIVINGROOM	W7/12	0.75	1.51	0.62	1.23	0.28	18.70
R6/12	KITCHEN	W8/12	26.31	19.86	6.45	24.52	R6/12	KITCHEN	W8/12	1.70	1.70	1.41	1.41	0.29	17.13
R7/12	BATHROOM	W9/12	25.41	19.28	6.13	24.12	R7/12	BATHROOM	W9/12	1.79	1.79	1.50	1.50	0.30	16.56
R8/12	BEDROOM	W10/12	23.72	17.92	5.80	24.45	R8/12	BEDROOM	W10/12	1.11	1.11	0.92	0.92	0.19	17.09
R1/13	LIVINGROOM	W1/13	36.53	31.07	5.46	14.95	R1/13	LIVINGROOM	W1/13	1.05		0.93			
R1/13	LIVINGROOM	W2/13	29.30	19.44	9.86	33.65	R1/13	LIVINGROOM	W2/13	0.78	1.83	0.60	1.54	0.29	16.07
R2/13	BATHROOM	W3/13	15.65	14.70	0.95	6.07	R2/13	BATHROOM	W3/13	1.39	1.39	1.37	1.37	0.02	1.72
R3/13	KITCHEN	W4/13	23.00	18.49	4.51	19.61	R3/13	KITCHEN	W4/13	1.45	1.45	1.26	1.26	0.19	13.20
R4/13	BEDROOM	W5/13	30.00	22.43	7.57	25.23	R4/13	BEDROOM	W5/13	2.36	2.36	1.91	1.91	0.46	19.31
R5/13	LIVINGROOM	W6/13	30.52	23.48	7.04	23.07	R5/13	LIVINGROOM	W6/13	0.83		0.68			

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC	Room	Room Use	Window	EXISTING ADF	TOTAL	PROPOSED ADF	TOTAL	TOTAL LOSS	%LOSS ADF
R5/13	LIVINGROOM	W7/13	30.25	23.64	6.61	21.85	R5/13	LIVINGROOM	W7/13	0.82	1.65	0.69	1.37	0.27	16.60
R6/13	KITCHEN	W8/13	29.52	23.34	6.18	20.93	R6/13	KITCHEN	W8/13	1.86	1.86	1.58	1.58	0.28	15.08
R7/13	BATHROOM	W9/13	28.52	22.65	5.87	20.58	R7/13	BATHROOM	W9/13	1.97	1.97	1.69	1.69	0.29	14.50
R8/13	BEDROOM	W10/13	26.53	20.96	5.57	21.00	R8/13	BEDROOM	W10/13	1.22	1.22	1.03	1.03	0.18	14.98
R1/14	LIVINGROOM	W1/14	37.65	32.85	4.80	12.75	R1/14	LIVINGROOM	W1/14	1.07		0.97			
R1/14	LIVINGROOM	W2/14	32.21	22.79	9.42	29.25	R1/14	LIVINGROOM	W2/14	0.83	1.90	0.66	1.63	0.27	14.27
R2/14	BATHROOM	W3/14	18.05	17.17	0.88	4.88	R2/14	BATHROOM	W3/14	1.51	1.51	1.50	1.50	0.02	1.19
R3/14	KITCHEN	W4/14	25.53	21.13	4.40	17.23	R3/14	KITCHEN	W4/14	1.54	1.54	1.36	1.36	0.18	11.76
R4/14	BEDROOM	W5/14	33.13	26.00	7.13	21.52	R4/14	BEDROOM	W5/14	2.53	2.53	2.09	2.09	0.43	17.15
R5/14	LIVINGROOM	W6/14	33.73	27.15	6.58	19.51	R5/14	LIVINGROOM	W6/14	0.88		0.74			
R5/14	LIVINGROOM	W7/14	33.56	27.38	6.18	18.41	R5/14	LIVINGROOM	W7/14	0.88	1.75	0.75	1.50	0.26	14.71
R6/14	KITCHEN	W8/14	32.96	27.16	5.80	17.60	R6/14	KITCHEN	W8/14	2.00	2.00	1.73	1.73	0.27	13.36
R7/14	BATHROOM	W9/14	31.99	26.50	5.49	17.16	R7/14	BATHROOM	W9/14	2.13	2.13	1.86	1.86	0.27	12.75
R8/14	BEDROOM	W10/14	29.74	24.53	5.21	17.52	R8/14	BEDROOM	W10/14	1.31	1.31	1.14	1.14	0.17	12.98
R1/15	LIVINGROOM	W1/15	38.66	34.69	3.97	10.27	R1/15	LIVINGROOM	W1/15	1.08		1.01			
R1/15	LIVINGROOM	W2/15	34.91	26.27	8.64	24.75	R1/15	LIVINGROOM	W2/15	0.88	1.97	0.72	1.73	0.24	12.20
R2/15	BATHROOM	W3/15	22.38	21.58	0.80	3.57	R2/15	BATHROOM	W3/15	1.74	1.74	1.73	1.73	0.01	0.80
R3/15	KITCHEN	W4/15	28.72	24.54	4.18	14.55	R3/15	KITCHEN	W4/15	1.65	1.65	1.48	1.48	0.17	10.30

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC	Room	Room Use	Window	EXISTING ADF	TOTAL	PROPOSED ADF	TOTAL	TOTAL LOSS	%LOSS ADF
R4/15	BEDROOM	W5/15	36.47	30.04	6.43	17.63	R4/15	BEDROOM	W5/15	2.71	2.71	2.31	2.31	0.41	14.98
R5/15	LIVINGROOM	W6/15	36.79	30.87	5.92	16.09	R5/15	LIVINGROOM	W6/15	0.93		0.81			
R5/15	LIVINGROOM	W7/15	36.68	31.15	5.53	15.08	R5/15	LIVINGROOM	W7/15	0.93	1.86	0.82	1.62	0.24	12.89
R6/15	KITCHEN	W8/15	36.34	31.19	5.15	14.17	R6/15	KITCHEN	W8/15	2.13	2.13	1.89	1.89	0.25	11.53
R7/15	BATHROOM	W9/15	35.70	30.83	4.87	13.64	R7/15	BATHROOM	W9/15	2.30	2.30	2.05	2.05	0.25	10.87
R8/15	BEDROOM	W10/15	33.54	28.96	4.58	13.66	R8/15	BEDROOM	W10/15	1.43	1.43	1.27	1.27	0.15	10.80
R1/16		W1/16	39.47	37.23	2.24	5.68	R1/16		W1/16	1.42		1.35			
R1/16		W2/16	37.95	34.16	3.79	9.99	R1/16		W2/16	1.39	2.81	1.27	2.62	0.19	6.66
R1/20	BEDROOM	W1/20	20.30	13.94	6.36	31.33	R1/20	BEDROOM	W1/20	0.96	0.96	0.75	0.75	0.21	21.70
R2/20	BATHROOM	W2/20	21.15	14.63	6.52	30.83	R2/20	BATHROOM	W2/20	1.55	1.55	1.22	1.22	0.33	21.05
R3/20	KITCHEN	W3/20	21.76	15.06	6.70	30.79	R3/20	KITCHEN	W3/20	1.45	1.45	1.14	1.14	0.31	21.38
R4/20	LIVINGROOM	W4/20	21.94	15.12	6.82	31.08	R4/20	LIVINGROOM	W4/20	0.63		0.50			
R4/20	LIVINGROOM	W5/20	21.90	15.02	6.88	31.42	R4/20	LIVINGROOM	W5/20	0.63	1.27	0.49	0.99	0.28	21.80
R5/20	BEDROOM	W6/20	21.15	14.48	6.67	31.54	R5/20	BEDROOM	W6/20	1.73	1.73	1.33	1.33	0.41	23.36
R6/20	KITCHEN	W7/20	17.91	12.74	5.17	28.87	R6/20	KITCHEN	W7/20	1.21	1.21	0.96	0.96	0.25	20.50
R7/20	BATHROOM	W8/20	11.39	9.61	1.78	15.63	R7/20	BATHROOM	W8/20	1.06	1.06	1.05	1.05	0.01	0.75
R8/20	LIVINGROOM	W9/20	18.79	12.14	6.65	35.39	R8/20	LIVINGROOM	W9/20	0.56		0.42			
R8/20	LIVINGROOM	W10/20	26.84	21.15	5.69	21.20	R8/20	LIVINGROOM	W10/20	0.78	1.35	0.67	1.08	0.26	19.61
R1/21	BEDROOM	W1/21	22.22	16.01	6.21	27.95	R1/21	BEDROOM	W1/21	1.07	1.07	0.87	0.87	0.20	19.07

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC	Room	Room Use	Window	EXISTING ADF	TOTAL	PROPOSED ADF	TOTAL	TOTAL LOSS	%LOSS ADF
R2/21	BATHROOM	W2/21	23.31	16.94	6.37	27.33	R2/21	BATHROOM	W2/21	1.73	1.73	1.41	1.41	0.32	18.38
R3/21	KITCHEN	W3/21	24.06	17.50	6.56	27.27	R3/21	KITCHEN	W3/21	1.62	1.62	1.32	1.32	0.30	18.58
R4/21	LIVINGROOM	W4/21	24.35	17.64	6.71	27.56	R4/21	LIVINGROOM	W4/21	0.71		0.58			
R4/21	LIVINGROOM	W5/21	24.37	17.56	6.81	27.94	R4/21	LIVINGROOM	W5/21	0.71	1.42	0.57	1.15	0.27	19.07
R5/21	BEDROOM	W6/21	23.67	16.97	6.70	28.31	R5/21	BEDROOM	W6/21	1.97	1.97	1.56	1.56	0.41	20.70
R6/21	KITCHEN	W7/21	19.85	14.85	5.00	25.19	R6/21	KITCHEN	W7/21	1.34	1.34	1.10	1.10	0.23	17.44
R7/21	BATHROOM	W8/21	12.68	11.05	1.63	12.85	R7/21	BATHROOM	W8/21	1.21	1.21	1.20	1.20	0.01	0.58
R8/21	LIVINGROOM	W9/21	21.33	14.36	6.97	32.68	R8/21	LIVINGROOM	W9/21	0.64		0.49			
R8/21	LIVINGROOM	W10/21	29.91	23.24	6.67	22.30	R8/21	LIVINGROOM	W10/21	0.89	1.53	0.74	1.23	0.30	19.48
R1/22	BEDROOM	W1/22	24.40	18.43	5.97	24.47	R1/22	BEDROOM	W1/22	1.14	1.14	0.95	0.95	0.19	16.84
R2/22	BATHROOM	W2/22	25.82	19.65	6.17	23.90	R2/22	BATHROOM	W2/22	1.85	1.85	1.55	1.55	0.30	16.26
R3/22	KITCHEN	W3/22	26.73	20.36	6.37	23.83	R3/22	KITCHEN	W3/22	1.73	1.73	1.45	1.45	0.29	16.44
R4/22	LIVINGROOM	W4/22	27.14	20.59	6.55	24.13	R4/22	LIVINGROOM	W4/22	0.76		0.64			
R4/22	LIVINGROOM	W5/22	27.22	20.53	6.69	24.58	R4/22	LIVINGROOM	W5/22	0.76	1.53	0.63	1.27	0.26	16.92
R5/22	BEDROOM	W6/22	26.56	19.89	6.67	25.11	R5/22	BEDROOM	W6/22	2.13	2.13	1.74	1.74	0.40	18.57
R6/22	KITCHEN	W7/22	22.08	17.32	4.76	21.56	R6/22	KITCHEN	W7/22	1.42	1.42	1.21	1.21	0.21	14.92
R7/22	BATHROOM	W8/22	14.23	12.76	1.47	10.33	R7/22	BATHROOM	W8/22	1.31	1.31	1.31	1.31	0.01	0.38
R8/22	LIVINGROOM	W9/22	24.39	17.09	7.30	29.93	R8/22	LIVINGROOM	W9/22	0.70		0.55			



Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC	Room	Room Use	Window	EXISTING ADF	TOTAL	PROPOSED ADF	TOTAL	TOTAL LOSS	%LOSS ADF
R8/22	LIVINGROOM	W10/22	32.75	25.34	7.41	22.63	R8/22	LIVINGROOM	W10/22	0.95	1.64	0.78	1.33	0.31	18.90
R1/23	BEDROOM	W1/23	26.85	21.18	5.67	21.12	R1/23	BEDROOM	W1/23	1.22	1.22	1.04	1.04	0.18	14.72
R2/23	BATHROOM	W2/23	28.67	22.79	5.88	20.51	R2/23	BATHROOM	W2/23	1.98	1.98	1.70	1.70	0.28	14.24
R3/23	KITCHEN	W3/23	29.73	23.64	6.09	20.48	R3/23	KITCHEN	W3/23	1.86	1.86	1.59	1.59	0.27	14.48
R4/23	LIVINGROOM	W4/23	30.23	23.92	6.31	20.87	R4/23	LIVINGROOM	W4/23	0.82		0.70			
R4/23	LIVINGROOM	W5/23	30.35	23.86	6.49	21.38	R4/23	LIVINGROOM	W5/23	0.82	1.64	0.69	1.39	0.25	15.19
R5/23	BEDROOM	W6/23	29.72	23.16	6.56	22.07	R5/23	BEDROOM	W6/23	2.32	2.32	1.93	1.93	0.39	16.75
R6/23	KITCHEN	W7/23	24.52	20.03	4.49	18.31	R6/23	KITCHEN	W7/23	1.51	1.51	1.32	1.32	0.19	12.77
R7/23	BATHROOM	W8/23	16.07	14.78	1.29	8.03	R7/23	BATHROOM	W8/23	1.43	1.43	1.43	1.43	0.00	0.21
R8/23	LIVINGROOM	W9/23	27.87	20.31	7.56	27.13	R8/23	LIVINGROOM	W9/23	0.76		0.61			
R8/23	LIVINGROOM	W10/23	35.26	27.48	7.78	22.06	R8/23	LIVINGROOM	W10/23	1.01	1.77	0.84	1.45	0.32	17.95
R1/24	BEDROOM	W1/24	29.75	24.54	5.21	17.51	R1/24	BEDROOM	W1/24	1.31	1.31	1.14	1.14	0.17	12.61
R2/24	BATHROOM	W2/24	31.97	26.53	5.44	17.02	R2/24	BATHROOM	W2/24	2.14	2.14	1.88	1.88	0.26	12.24
R3/24	KITCHEN	W3/24	33.06	27.39	5.67	17.15	R3/24	KITCHEN	W3/24	2.00	2.00	1.75	1.75	0.25	12.67
R4/24	LIVINGROOM	W4/24	33.54	27.63	5.91	17.62	R4/24	LIVINGROOM	W4/24	0.88		0.76			
R4/24	LIVINGROOM	W5/24	33.66	27.51	6.15	18.27	R4/24	LIVINGROOM	W5/24	0.88	1.76	0.76	1.52	0.24	13.50
R5/24	BEDROOM	W6/24	33.11	26.76	6.35	19.18	R5/24	BEDROOM	W6/24	2.51	2.51	2.13	2.13	0.38	15.22
R6/24	KITCHEN	W7/24	27.13	22.88	4.25	15.67	R6/24	KITCHEN	W7/24	1.60	1.60	1.43	1.43	0.18	10.99



Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC	Room	Room Use	Window	EXISTING ADF	EXISTING TOTAL	PROPOSED ADF	PROPOSED TOTAL	TOTAL LOSS	%LOSS ADF
R7/24	BATHROOM	W8/24	18.40	17.31	1.09	5.92	R7/24	BATHROOM	W8/24	1.58	1.58	1.57	1.57	0.00	0.13
R8/24	LIVINGROOM	W10/24	31.63	23.87	7.76	24.53	R8/24	LIVINGROOM	W10/24	0.83		0.68			
R8/24	LIVINGROOM	W11/24	36.95	29.14	7.81	21.14	R8/24	LIVINGROOM	W11/24	1.04	1.86	0.87	1.55	0.32	16.96
R1/25	BEDROOM	W1/25	33.36	28.78	4.58	13.73	R1/25	BEDROOM	W1/25	1.42	1.42	1.27	1.27	0.15	10.49
R2/25	BATHROOM	W2/25	35.66	30.85	4.81	13.49	R2/25	BATHROOM	W2/25	2.31	2.31	2.07	2.07	0.24	10.39
R3/25	KITCHEN	W3/25	36.47	31.43	5.04	13.82	R3/25	KITCHEN	W3/25	2.14	2.14	1.91	1.91	0.23	10.92
R4/25	LIVINGROOM	W4/25	36.80	31.49	5.31	14.43	R4/25	LIVINGROOM	W4/25	0.94		0.83			
R4/25	LIVINGROOM	W5/25	36.89	31.30	5.59	15.15	R4/25	LIVINGROOM	W5/25	0.94	1.87	0.82	1.65	0.22	11.76
R5/25	BEDROOM	W6/25	36.67	30.80	5.87	16.01	R5/25	BEDROOM	W6/25	2.72	2.72	2.35	2.35	0.37	13.60
R6/25	KITCHEN	W7/25	30.71	26.78	3.93	12.80	R6/25	KITCHEN	W7/25	1.73	1.73	1.57	1.57	0.16	9.23
R8/25	LIVINGROOM	W8/25	35.26	27.57	7.69	21.81	R8/25	LIVINGROOM	W8/25	0.90		0.75			
R8/25	LIVINGROOM	W9/25	38.45	31.12	7.33	19.06	R8/25	LIVINGROOM	W9/25	1.06	1.96	0.90	1.65	0.30	15.53
R1/26		W1/26	37.63	33.87	3.76	9.99	R1/26		W1/26	1.42		1.30			
R1/26		W2/26	39.32	37.18	2.14	5.44	R1/26		W2/26	1.43	2.84	1.37	2.67	0.18	6.26
R1/31		W1/31	21.39	14.48	6.91	32.30	R1/31		W1/31	1.10		0.86			
R1/31		W2/31	22.44	15.58	6.86	30.57	R1/31		W2/31	0.57	1.66	0.45	1.31	0.35	21.05
R1/32		W1/32	23.58	16.78	6.80	28.84	R1/32		W1/32	1.17		0.94			
R1/32		W2/32	24.72	18.02	6.70	27.10	R1/32		W2/32	0.61	1.77	0.49	1.43	0.34	19.12
R1/33		W1/33	25.96	19.37	6.59	25.39	R1/33		W1/33	1.25		1.03			
R1/33		W2/33	27.18	20.73	6.45	23.73	R1/33		W2/33	0.65	1.89	0.54	1.56	0.33	17.34

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC	Room	Room Use	Window	EXISTING ADF	TOTAL	PROPOSED ADF	TOTAL	TOTAL LOSS	%LOSS ADF
<b>R1/34</b>		W1/34	28.47	22.20	6.27	22.02	<b>R1/34</b>		W1/34	1.33		1.12			
<b>R1/34</b>		W2/34	29.72	23.68	6.04	20.32	<b>R1/34</b>		W2/34	0.69	2.02	0.59	1.70	0.31	15.56
<b>R1/35</b>		W1/35	31.06	25.29	5.77	18.58	<b>R1/35</b>		W1/35	1.42		1.22			
<b>R1/35</b>		W2/35	32.39	26.98	5.41	16.70	<b>R1/35</b>		W2/35	0.73	2.15	0.64	1.85	0.30	13.73
<b>R1/36</b>		W1/36	33.54	28.39	5.15	15.35	<b>R1/36</b>		W1/36	0.64	0.64	0.55	0.55	0.08	13.19
<b>Haverstock School</b>							<b>Haverstock School</b>								
<b>R1/80</b>		W1/80	1.68	0.98	0.70	41.67	<b>R1/80</b>		W1/80	0.61	0.61	0.34	0.34	0.27	44.74
<b>R2/80</b>		W2/80	4.49	3.23	1.26	28.06	<b>R2/80</b>		W2/80	0.41	0.41	0.36	0.36	0.05	12.71
<b>22 Haverstock Hill</b>							<b>22 Haverstock Hill</b>								
<b>R1/59</b>		W1/59	27.25	25.92	1.33	4.88	<b>R1/59</b>		W1/59	1.34		1.30			
<b>R1/59</b>		W3/59	27.89	25.97	1.92	6.88	<b>R1/59</b>		W3/59	1.49	2.83	1.41	2.71	0.12	4.28
<b>R1/60</b>		W1/60	31.77	30.29	1.48	4.66	<b>R1/60</b>		W1/60	1.19		1.15			
<b>R1/60</b>		W5/60	30.16	28.24	1.92	6.37	<b>R1/60</b>		W5/60	1.20	2.39	1.14	2.29	0.10	4.18
<b>R2/60</b>		W2/60	11.47	10.15	1.32	11.51	<b>R2/60</b>		W2/60	0.49	0.49	0.46	0.46	0.03	6.35
<b>R1/61</b>		W1/61	34.72	33.27	1.45	4.18	<b>R1/61</b>		W1/61	1.65		1.59			
<b>R1/61</b>		W6/61	32.18	30.29	1.89	5.87	<b>R1/61</b>		W6/61	1.58	3.23	1.50	3.10	0.13	4.00
<b>R1/62</b>		W1/62	36.58	35.17	1.41	3.85	<b>R1/62</b>		W1/62	1.86		1.79			
<b>R1/62</b>		W7/62	35.61	33.84	1.77	4.97	<b>R1/62</b>		W7/62	1.43	3.29	1.37	3.16	0.13	3.83
<b>20 Haverstock Hill</b>							<b>20 Haverstock Hill</b>								
<b>R2/59</b>		W2/59	16.83	16.18	0.65	3.86	<b>R2/59</b>		W2/59	1.05	1.05	1.04	1.04	0.02	1.62

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC	Room	Room Use	Window	EXISTING ADF	TOTAL	PROPOSED ADF	TOTAL	TOTAL LOSS	%LOSS ADF
R3/60		W3/60	11.54	10.84	0.70	6.07	R3/60		W3/60	0.53	0.53	0.51	0.51	0.02	2.84
R4/60		W4/60	23.37	22.29	1.08	4.62	R4/60		W4/60	0.86	0.86	0.84	0.84	0.01	1.52
R2/61		W2/61	35.00	33.80	1.20	3.43	R2/61		W2/61	1.39	1.39	1.37	1.37	0.03	1.87
R3/61		W3/61	35.12	34.04	1.08	3.08	R3/61		W3/61	1.23	1.23	1.22	1.22	0.02	1.46
R4/61		W4/61	35.14	34.20	0.94	2.68	R4/61		W4/61	1.29	1.29	1.27	1.27	0.02	1.17
R5/61		W5/61	34.79	33.92	0.87	2.50	R5/61		W5/61	1.25	1.25	1.24	1.24	0.01	1.04
R2/62		W3/62	36.69	35.53	1.16	3.16	R2/62		W3/62	1.19	1.19	1.16	1.16	0.02	1.86
R3/62		W4/62	36.80	35.75	1.05	2.85	R3/62		W4/62	1.05	1.05	1.03	1.03	0.02	1.53
R4/62		W5/62	37.05	36.13	0.92	2.48	R4/62		W5/62	1.09	1.09	1.08	1.08	0.01	1.19
R5/62		W6/62	37.14	36.29	0.85	2.29	R5/62		W6/62	1.06	1.06	1.05	1.05	0.01	0.94
<b>18 Haverstock Hill</b>							<b>18 Haverstock Hill</b>								
R1/71		W1/71	26.64	25.89	0.75	2.82	R1/71		W1/71	1.26	1.26	1.24	1.24	0.02	1.35
R1/72		W1/72	36.68	35.94	0.74	2.02	R1/72		W1/72	1.51	1.51	1.49	1.49	0.02	1.20
<b>3-13 Adelaide Road</b>							<b>3-13 Adelaide Road</b>								
R1/51		W1/51	35.82	35.82	0.00	0.00	R1/51		W1/51	1.89		1.89			
R1/51		W2/51	35.47	35.14	0.33	0.93	R1/51		W2/51	1.89	3.79	1.88	3.77	0.01	0.32
R2/51		W3/51	35.24	34.80	0.44	1.25	R2/51		W3/51	1.88	1.88	1.87	1.87	0.02	0.90

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC	Room	Room Use	Window	EXISTING ADF	TOTAL	PROPOSED ADF	TOTAL	TOTAL LOSS	%LOSS ADF
R3/51		W4/51	35.12	34.62	0.50	1.42	R3/51		W4/51	2.41	2.41	2.39	2.39	0.02	0.99
R4/51		W5/51	34.85	34.28	0.57	1.64	R4/51		W5/51	2.21	2.21	2.18	2.18	0.03	1.13
R5/51		W6/51	34.56	33.94	0.62	1.79	R5/51		W6/51	2.30	2.30	2.27	2.27	0.03	1.26
R6/51		W7/51	34.22	33.55	0.67	1.96	R6/51		W7/51	2.28	2.28	2.25	2.25	0.03	1.40
R7/51		W8/51	33.88	33.12	0.76	2.24	R7/51		W8/51	2.26	2.26	2.22	2.22	0.04	1.59
R8/51		W9/51	33.46	32.65	0.81	2.42	R8/51		W9/51	2.24	2.24	2.20	2.20	0.04	1.70
R9/51		W10/51	33.12	32.22	0.90	2.72	R9/51		W10/51	2.22	2.22	2.17	2.17	0.04	1.94
R10/51		W11/51	32.77	31.82	0.95	2.90	R10/51		W11/51	2.20	2.20	2.15	2.15	0.05	2.09
R11/51		W12/51	32.46	31.38	1.08	3.33	R11/51		W12/51	2.06	2.06	2.01	2.01	0.05	2.33
R12/51		W13/51	32.06	30.89	1.17	3.65	R12/51		W13/51	1.87	1.87	1.83	1.83	0.05	2.61
R1/52		W1/52	37.34	37.34	0.00	0.00	R1/52		W1/52	1.29		1.29			
R1/52		W2/52	37.29	36.93	0.36	0.97	R1/52		W2/52	1.30	2.59	1.29	2.58	0.01	0.35
R2/52		W3/52	37.26	36.75	0.51	1.37	R2/52		W3/52	1.30	1.30	1.29	1.29	0.01	1.08
R3/52		W4/52	37.01	36.42	0.59	1.59	R3/52		W4/52	1.18	1.18	1.17	1.17	0.02	1.35
R4/52		W5/52	36.97	36.28	0.69	1.87	R4/52		W5/52	1.09	1.09	1.07	1.07	0.02	1.56
R5/52		W6/52	36.87	36.12	0.75	2.03	R5/52		W6/52	1.14	1.14	1.12	1.12	0.02	1.58
R6/52		W7/52	36.77	35.96	0.81	2.20	R6/52		W7/52	1.14	1.14	1.12	1.12	0.02	1.76

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC	Room	Room Use	Window	EXISTING ADF	TOTAL	PROPOSED ADF	TOTAL	TOTAL LOSS	%LOSS ADF
R7/52		W8/52	36.64	35.75	0.89	2.43	R7/52		W8/52	1.13	1.13	1.11	1.11	0.02	1.86
R8/52		W9/52	36.51	35.57	0.94	2.57	R8/52		W9/52	1.13	1.13	1.11	1.11	0.02	1.95
R9/52		W10/52	36.36	35.31	1.05	2.89	R9/52		W10/52	1.12	1.12	1.10	1.10	0.03	2.23
R10/52		W11/52	36.17	35.04	1.13	3.12	R10/52		W11/52	1.12	1.12	1.09	1.09	0.03	2.42
R11/52		W12/52	36.00	34.73	1.27	3.53	R11/52		W12/52	1.05	1.05	1.02	1.02	0.03	2.57
R12/52		W13/52	35.69	34.32	1.37	3.84	R12/52		W13/52	0.96	0.96	0.93	0.93	0.03	2.92
R1/53		W1/53	38.14	38.14	0.00	0.00	R1/53		W1/53	0.48		0.48			
R1/53		W2/53	37.96	37.61	0.35	0.92	R1/53		W2/53	0.48	0.96	0.48	0.96	0.00	0.00
R2/53		W3/53	37.93	37.42	0.51	1.34	R2/53		W3/53	0.48	0.48	0.48	0.48	0.00	0.00
<b>1-36 Adelaide Road (Bridge House)</b>							<b>1-36 Adelaide Road (Bridge House)</b>								
R1/40		W1/40	30.25	28.23	2.02	6.68	R1/40		W1/40	0.75		0.71			
R1/40		W2/40	30.21	28.15	2.06	6.82	R1/40		W2/40	0.28	1.04	0.27	0.98	0.06	5.41
R2/40		W3/40	30.14	27.94	2.20	7.30	R2/40		W3/40	1.64	1.64	1.54	1.54	0.10	6.06
R3/40		W4/40	30.05	27.72	2.33	7.75	R3/40		W4/40	0.47		0.44			
R3/40		W5/40	29.98	27.65	2.33	7.77	R3/40		W5/40	1.26		1.18			
R3/40		W6/40	17.99	16.76	1.23	6.84	R3/40		W6/40	0.18	1.91	0.17	1.79	0.13	6.54
R4/40		W7/40	22.35	19.84	2.51	11.23	R4/40		W7/40	0.82	0.82	0.75	0.75	0.07	8.42
R5/40		W8/40	17.39	14.12	3.27	18.80	R5/40		W8/40	0.56	0.56	0.48	0.48	0.08	14.16

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC	Room	Room Use	Window	EXISTING ADF	TOTAL	PROPOSED ADF	TOTAL	TOTAL LOSS	%LOSS ADF
<b>R6/40</b>		W9/40	17.76	16.96	0.80	4.50	<b>R6/40</b>		W9/40	1.08		1.05			
<b>R6/40</b>		W10/40	19.13	18.24	0.89	4.65	<b>R6/40</b>		W10/40	0.31	1.39	0.31	1.36	0.03	2.08
<b>R7/40</b>		W11/40	20.95	19.92	1.03	4.92	<b>R7/40</b>		W11/40	0.72	0.72	0.70	0.70	0.02	2.23
<b>R8/40</b>		W12/40	31.05	31.05	0.00	0.00	<b>R8/40</b>		W12/40	1.16		1.16			
<b>R8/40</b>		W13/40	31.11	26.48	4.63	14.88	<b>R8/40</b>		W13/40	1.16	2.32	1.01	2.17	0.15	6.30
<b>R1/41</b>		W1/41	32.34	30.26	2.08	6.43	<b>R1/41</b>		W1/41	0.79		0.75			
<b>R1/41</b>		W2/41	32.28	30.16	2.12	6.57	<b>R1/41</b>		W2/41	0.30	1.09	0.29	1.03	0.06	5.40
<b>R2/41</b>		W3/41	32.15	29.90	2.25	7.00	<b>R2/41</b>		W3/41	1.73	1.73	1.62	1.62	0.10	5.91
<b>R3/41</b>		W4/41	32.03	29.64	2.39	7.46	<b>R3/41</b>		W4/41	0.50		0.47			
<b>R3/41</b>		W5/41	31.95	29.55	2.40	7.51	<b>R3/41</b>		W5/41	1.33		1.24			
<b>R3/41</b>		W6/41	18.89	17.70	1.19	6.30	<b>R3/41</b>		W6/41	0.18	2.01	0.17	1.88	0.13	6.32
<b>R4/41</b>		W7/41	23.91	21.36	2.55	10.66	<b>R4/41</b>		W7/41	0.66	0.66	0.60	0.60	0.05	8.24
<b>R5/41</b>	KITCHEN	W8/41	28.05	25.47	2.58	9.20	<b>R5/41</b>	KITCHEN	W8/41	0.36	0.36	0.24	0.24	0.12	33.89
<b>R6/41</b>	HALL	W9/41	30.26	27.57	2.69	8.89	<b>R6/41</b>	HALL	W9/41	0.22	0.22	0.17	0.17	0.05	22.37
<b>R7/41</b>	KITCHEN	W10/41	31.44	28.50	2.94	9.35	<b>R7/41</b>	KITCHEN	W10/41	0.46	0.46	0.36	0.36	0.10	22.32
<b>R8/41</b>	HALL	W11/41	31.62	28.55	3.07	9.71	<b>R8/41</b>	HALL	W11/41	0.21	0.21	0.16	0.16	0.06	27.23
<b>R9/41</b>	KITCHEN	W12/41	31.63	28.34	3.29	10.40	<b>R9/41</b>	KITCHEN	W12/41	0.49	0.49	0.39	0.39	0.10	20.37
<b>R10/41</b>	KITCHEN	W13/41	31.46	28.09	3.37	10.71	<b>R10/41</b>	KITCHEN	W13/41	0.49	0.49	0.38	0.38	0.11	22.27
<b>R11/41</b>	KITCHEN	W14/41	29.54	25.95	3.59	12.15	<b>R11/41</b>	KITCHEN	W14/41	0.46	0.46	0.31	0.31	0.15	33.12

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC	Room	Room Use	Window	EXISTING ADF	TOTAL	PROPOSED ADF	TOTAL	TOTAL LOSS	%LOSS ADF
R12/41	HALL	W15/41	25.95	22.39	3.56	13.72	R12/41	HALL	W15/41	0.42	0.42	0.25	0.25	0.16	39.23
R13/41	KITCHEN	W16/41	22.77	19.29	3.48	15.28	R13/41	KITCHEN	W16/41	0.44	0.44	0.27	0.27	0.18	39.59
R14/41		W17/41	18.43	15.26	3.17	17.20	R14/41		W17/41	0.58	0.58	0.51	0.51	0.08	12.93
R15/41		W18/41	18.80	17.99	0.81	4.31	R15/41		W18/41	1.12		1.09			
R15/41		W19/41	20.39	19.49	0.90	4.41	R15/41		W19/41	0.32	1.44	0.32	1.41	0.03	1.94
R16/41		W20/41	22.52	21.48	1.04	4.62	R16/41		W20/41	0.75	0.75	0.73	0.73	0.02	2.00
R17/41		W21/41	32.24	32.23	0.01	0.03	R17/41		W21/41	1.19		1.19			
R17/41		W22/41	32.49	28.03	4.46	13.73	R17/41		W22/41	1.20	2.40	1.06	2.25	0.14	5.93
R1/42		W1/42	34.21	32.10	2.11	6.17	R1/42		W1/42	0.83		0.79			
R1/42		W2/42	34.13	31.96	2.17	6.36	R1/42		W2/42	0.32	1.15	0.30	1.09	0.06	5.32
R2/42		W3/42	33.96	31.68	2.28	6.71	R2/42		W3/42	1.81	1.81	1.70	1.70	0.11	5.81
R3/42		W4/42	33.82	31.40	2.42	7.16	R3/42		W4/42	0.53		0.49			
R3/42		W5/42	33.73	31.29	2.44	7.23	R3/42		W5/42	1.39		1.30			
R3/42		W6/42	19.90	18.77	1.13	5.68	R3/42		W6/42	0.19	2.11	0.18	1.97	0.13	6.27
R4/42		W7/42	25.32	22.76	2.56	10.11	R4/42		W7/42	0.68	0.68	0.63	0.63	0.05	7.91
R5/42		W8/42	30.09	27.49	2.60	8.64	R5/42		W8/42	1.44	1.44	1.34	1.34	0.10	7.00
R6/42		W9/42	31.46	28.81	2.65	8.42	R6/42		W9/42	1.83	1.83	1.69	1.69	0.14	7.56
R7/42		W10/42	32.10	29.39	2.71	8.44	R7/42		W10/42	1.82	1.82	1.68	1.68	0.14	7.79
R8/42		W11/42	32.61	29.82	2.79	8.56	R8/42		W11/42	1.64	1.64	1.52	1.52	0.12	7.14

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC	Room	Room Use	Window	EXISTING ADF	TOTAL	PROPOSED ADF	TOTAL	TOTAL LOSS	%LOSS ADF
R9/42	BATHROOM	W12/42	33.03	30.13	2.90	8.78	R9/42	BATHROOM	W12/42	2.30	2.30	2.13	2.13	0.17	7.47
R10/42	BEDROOM	W13/42	33.16	30.13	3.03	9.14	R10/42	BEDROOM	W13/42	1.41	1.41	1.30	1.30	0.11	7.78
R11/42	BEDROOM	W14/42	33.17	30.04	3.13	9.44	R11/42	BEDROOM	W14/42	1.41	1.41	1.30	1.30	0.11	7.93
R12/42	BATHROOM	W15/42	33.12	29.94	3.18	9.60	R12/42	BATHROOM	W15/42	2.30	2.30	2.11	2.11	0.19	8.26
R13/42	BATHROOM	W16/42	32.98	29.70	3.28	9.95	R13/42	BATHROOM	W16/42	2.30	2.30	2.11	2.11	0.19	8.43
R14/42	BEDROOM	W17/42	32.71	29.38	3.33	10.18	R14/42	BEDROOM	W17/42	1.41	1.41	1.29	1.29	0.12	8.53
R15/42	BEDROOM	W18/42	32.14	28.72	3.42	10.64	R15/42	BEDROOM	W18/42	1.39	1.39	1.27	1.27	0.12	8.86
R16/42	BATHROOM	W19/42	31.12	27.72	3.40	10.93	R16/42	BATHROOM	W19/42	2.21	2.21	2.01	2.01	0.20	9.01
R17/42		W20/42	29.40	25.95	3.45	11.73	R17/42		W20/42	1.50	1.50	1.36	1.36	0.14	9.44
R18/42		W21/42	28.08	24.66	3.42	12.18	R18/42		W21/42	1.72	1.72	1.54	1.54	0.18	10.45
R19/42		W22/42	26.73	23.36	3.37	12.61	R19/42		W22/42	1.66	1.66	1.48	1.48	0.18	10.77
R20/42		W23/42	24.46	21.13	3.33	13.61	R20/42		W23/42	1.26	1.26	1.13	1.13	0.13	10.44
R21/42		W24/42	19.45	16.41	3.04	15.63	R21/42		W24/42	0.60	0.60	0.53	0.53	0.07	11.81
R22/42		W25/42	19.82	19.01	0.81	4.09	R22/42		W25/42	1.16		1.13			
R22/42		W26/42	21.72	20.83	0.89	4.10	R22/42		W26/42	0.33	1.49	0.33	1.46	0.03	1.88
R23/42		W27/42	24.22	23.19	1.03	4.25	R23/42		W27/42	0.78	0.78	0.77	0.77	0.01	1.79
R24/42		W28/42	33.56	33.56	0.00	0.00	R24/42		W28/42	1.23		1.23			
R24/42		W29/42	33.85	29.60	4.25	12.56	R24/42		W29/42	1.24	2.48	1.11	2.34	0.14	5.49



Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC	Room	Room Use	Window	EXISTING ADF	TOTAL	PROPOSED ADF	TOTAL	TOTAL LOSS	%LOSS ADF
<b>R1/43</b>		W1/43	35.55	33.45	2.10	5.91	<b>R1/43</b>		W1/43	0.86		0.81			
<b>R1/43</b>		W2/43	35.48	33.32	2.16	6.09	<b>R1/43</b>		W2/43	0.33	1.18	0.31	1.12	0.06	5.24
<b>R2/43</b>		W3/43	35.33	33.06	2.27	6.43	<b>R2/43</b>		W3/43	1.87	1.87	1.76	1.76	0.11	5.67
<b>R3/43</b>		W4/43	35.21	32.81	2.40	6.82	<b>R3/43</b>		W4/43	0.54		0.51			
<b>R3/43</b>		W5/43	35.14	32.70	2.44	6.94	<b>R3/43</b>		W5/43	1.44		1.35			
<b>R3/43</b>		W6/43	21.07	20.01	1.06	5.03	<b>R3/43</b>		W6/43	0.20	2.18	0.19	2.05	0.13	6.09
<b>R4/43</b>		W7/43	26.63	24.12	2.51	9.43	<b>R4/43</b>		W7/43	0.71	0.71	0.66	0.66	0.05	7.49
<b>R5/43</b>		W8/43	31.40	28.86	2.54	8.09	<b>R5/43</b>		W8/43	1.49	1.49	1.39	1.39	0.10	6.71
<b>R6/43</b>		W9/43	32.91	30.31	2.60	7.90	<b>R6/43</b>		W9/43	1.89	1.89	1.75	1.75	0.14	7.20
<b>R7/43</b>		W10/43	33.58	30.92	2.66	7.92	<b>R7/43</b>		W10/43	1.89	1.89	1.75	1.75	0.14	7.36
<b>R8/43</b>		W11/43	34.10	31.38	2.72	7.98	<b>R8/43</b>		W11/43	1.69	1.69	1.58	1.58	0.12	6.85
<b>R9/43</b>	BATHROOM	W12/43	34.52	31.69	2.83	8.20	<b>R9/43</b>	BATHROOM	W12/43	2.38	2.38	2.21	2.21	0.17	7.14
<b>R10/43</b>	BEDROOM	W13/43	34.65	31.72	2.93	8.46	<b>R10/43</b>	BEDROOM	W13/43	1.46	1.46	1.35	1.35	0.11	7.39
<b>R11/43</b>	BEDROOM	W14/43	34.67	31.65	3.02	8.71	<b>R11/43</b>	BEDROOM	W14/43	1.46	1.46	1.35	1.35	0.11	7.59
<b>R12/43</b>	BATHROOM	W15/43	34.65	31.57	3.08	8.89	<b>R12/43</b>	BATHROOM	W15/43	2.38	2.38	2.19	2.19	0.19	7.82
<b>R13/43</b>	BATHROOM	W16/43	34.54	31.39	3.15	9.12	<b>R13/43</b>	BATHROOM	W16/43	2.38	2.38	2.19	2.19	0.19	7.91
<b>R14/43</b>	BEDROOM	W17/43	34.31	31.12	3.19	9.30	<b>R14/43</b>	BEDROOM	W17/43	1.46	1.46	1.34	1.34	0.12	8.04
<b>R15/43</b>	BEDROOM	W18/43	33.83	30.58	3.25	9.61	<b>R15/43</b>	BEDROOM	W18/43	1.44	1.44	1.32	1.32	0.12	8.25

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC	Room	Room Use	Window	EXISTING ADF	TOTAL	PROPOSED ADF	TOTAL	TOTAL LOSS	%LOSS ADF
R16/43	BATHROOM	W19/43	32.93	29.70	3.23	9.81	R16/43	BATHROOM	W19/43	2.30	2.30	2.11	2.11	0.19	8.30
R17/43		W20/43	31.30	28.06	3.24	10.35	R17/43		W20/43	1.57	1.57	1.44	1.44	0.14	8.58
R18/43		W21/43	30.00	26.78	3.22	10.73	R18/43		W21/43	1.80	1.80	1.63	1.63	0.17	9.34
R19/43		W22/43	28.61	25.44	3.17	11.08	R19/43		W22/43	1.74	1.74	1.58	1.58	0.17	9.53
R20/43		W23/43	26.23	23.10	3.13	11.93	R20/43		W23/43	1.32	1.32	1.20	1.20	0.12	9.30
R21/43		W24/43	20.60	17.74	2.86	13.88	R21/43		W24/43	0.62	0.62	0.56	0.56	0.07	10.43
R22/43		W25/43	20.96	20.18	0.78	3.72	R22/43		W25/43	1.20		1.17			
R22/43		W26/43	23.28	22.41	0.87	3.74	R22/43		W26/43	0.35	1.55	0.35	1.52	0.03	1.75
R23/43		W27/43	26.23	25.21	1.02	3.89	R23/43		W27/43	0.82	0.82	0.81	0.81	0.01	1.70
R24/43		W28/43	35.10	35.10	0.00	0.00	R24/43		W28/43	1.28		1.28			
R24/43		W29/43	35.19	31.24	3.95	11.22	R24/43		W29/43	1.29	2.57	1.16	2.44	0.13	4.99
R1/44		W1/44	36.78	34.71	2.07	5.63	R1/44		W1/44	0.89		0.84			
R1/44		W2/44	36.73	34.60	2.13	5.80	R1/44		W2/44	0.34	1.22	0.32	1.16	0.06	5.16
R2/44		W3/44	36.62	34.38	2.24	6.12	R2/44		W3/44	1.93	1.93	1.82	1.82	0.11	5.54
R3/44		W4/44	36.53	34.18	2.35	6.43	R3/44		W4/44	0.56		0.53			
R3/44		W5/44	36.49	34.09	2.40	6.58	R3/44		W5/44	1.49		1.40			
R3/44		W6/44	22.43	21.46	0.97	4.32	R3/44		W6/44	0.21	2.26	0.20	2.13	0.13	5.84
R4/44		W7/44	28.06	25.63	2.43	8.66	R4/44		W7/44	0.73	0.73	0.68	0.68	0.05	7.09
R5/44	KITCHEN	W8/44	32.04	29.61	2.43	7.58	R5/44	KITCHEN	W8/44	0.62	0.62	0.46	0.46	0.17	26.81

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC	Room	Room Use	Window	EXISTING ADF	TOTAL	PROPOSED ADF	TOTAL	TOTAL LOSS	%LOSS ADF
R6/44	KITCHEN	W9/44	36.03	33.34	2.69	7.47	R6/44	KITCHEN	W9/44	0.70	0.70	0.54	0.54	0.16	23.08
R7/44	HALL	W10/44	36.23	33.40	2.83	7.81	R7/44	HALL	W10/44	0.36	0.36	0.27	0.27	0.09	23.96
R8/44	KITCHEN	W11/44	36.20	33.31	2.89	7.98	R8/44	KITCHEN	W11/44	0.73	0.73	0.56	0.56	0.17	23.49
R9/44	KITCHEN	W12/44	36.13	33.19	2.94	8.14	R9/44	KITCHEN	W12/44	0.72	0.72	0.55	0.55	0.18	24.48
R10/44	HALL	W13/44	35.89	32.90	2.99	8.33	R10/44	HALL	W13/44	0.72	0.72	0.60	0.60	0.13	17.34
R11/44	HALL	W14/44	35.51	32.51	3.00	8.45	R11/44	HALL	W14/44	0.72	0.72	0.59	0.59	0.13	17.69
R12/44	KITCHEN	W15/44	34.99	31.98	3.01	8.60	R12/44	KITCHEN	W15/44	0.69	0.69	0.50	0.50	0.20	28.43
R13/44	HALL	W16/44	31.94	28.99	2.95	9.24	R13/44	HALL	W16/44	0.68	0.68	0.55	0.55	0.13	19.03
R14/44	KITCHEN	W17/44	28.47	25.61	2.86	10.05	R14/44	KITCHEN	W17/44	0.66	0.66	0.46	0.46	0.21	31.33
R15/44		W18/44	22.23	19.58	2.65	11.92	R15/44		W18/44	0.65	0.65	0.59	0.59	0.06	9.05
R16/44		W19/44	22.41	21.65	0.76	3.39	R16/44		W19/44	1.25		1.23			
R16/44		W20/44	25.33	24.49	0.84	3.32	R16/44		W20/44	0.36	1.61	0.36	1.59	0.03	1.55
R17/44		W21/44	28.73	27.75	0.98	3.41	R17/44		W21/44	0.87	0.87	0.86	0.86	0.01	1.49
R18/44		W22/44	36.60	36.59	0.01	0.03	R18/44		W22/44	1.33		1.33			
R18/44		W23/44	36.48	32.88	3.60	9.87	R18/44		W23/44	1.33	2.66	1.21	2.54	0.12	4.44
R1/45		W1/45	37.91	35.89	2.02	5.33	R1/45		W1/45	0.91		0.87			
R1/45		W2/45	37.88	35.82	2.06	5.44	R1/45		W2/45	0.35	1.26	0.33	1.19	0.06	4.94
R2/45		W3/45	37.81	35.66	2.15	5.69	R2/45		W3/45	1.99	1.99	1.88	1.88	0.11	5.33

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC	Room	Room Use	Window	EXISTING ADF	EXISTING TOTAL	PROPOSED ADF	PROPOSED TOTAL	TOTAL LOSS	%LOSS ADF
R3/45		W4/45	37.75	35.50	2.25	5.96	R3/45		W4/45	0.58		0.55			
R3/45		W5/45	37.72	35.44	2.28	6.04	R3/45		W5/45	1.53		1.44			
R3/45		W6/45	24.08	23.23	0.85	3.53	R3/45		W6/45	0.23	2.34	0.22	2.21	0.13	5.39
R4/45		W7/45	30.43	28.16	2.27	7.46	R4/45		W7/45	0.77	0.77	0.72	0.72	0.05	6.23
R5/45	KITCHEN	W8/45	33.18	30.92	2.26	6.81	R5/45	KITCHEN	W8/45	0.68	0.68	0.55	0.55	0.14	20.18
R6/45	KITCHEN	W9/45	37.48	35.01	2.47	6.59	R6/45	KITCHEN	W9/45	0.76	0.76	0.63	0.63	0.14	17.82
R7/45	HALL	W10/45	37.47	34.94	2.53	6.75	R7/45	HALL	W10/45	0.77	0.77	0.67	0.67	0.10	12.71
R8/45	HALL	W11/45	37.62	35.06	2.56	6.80	R8/45	HALL	W11/45	0.23	0.23	0.18	0.18	0.05	20.35
R9/45	KITCHEN	W12/45	37.58	34.96	2.62	6.97	R9/45	KITCHEN	W12/45	0.79	0.79	0.65	0.65	0.14	18.23
R10/45	KITCHEN	W13/45	37.55	34.90	2.65	7.06	R10/45	KITCHEN	W13/45	0.78	0.78	0.64	0.64	0.15	18.49
R11/45	HALL	W14/45	37.55	34.87	2.68	7.14	R11/45	HALL	W14/45	0.23	0.23	0.18	0.18	0.05	22.03
R12/45	HALL	W15/45	37.38	34.70	2.68	7.17	R12/45	HALL	W15/45	0.23	0.23	0.18	0.18	0.05	22.57
R13/45	KITCHEN	W16/45	37.02	34.32	2.70	7.29	R13/45	KITCHEN	W16/45	0.76	0.76	0.60	0.60	0.16	21.00
R14/45	HALL	W17/45	35.21	32.56	2.65	7.53	R14/45	HALL	W17/45	0.74	0.74	0.63	0.63	0.11	14.54
R15/45	KITCHEN	W18/45	32.58	30.02	2.56	7.86	R15/45	KITCHEN	W18/45	0.73	0.73	0.57	0.57	0.17	22.60
R16/45		W19/45	25.83	23.45	2.38	9.21	R16/45		W19/45	0.72	0.72	0.66	0.66	0.05	7.26
R17/45		W20/45	24.52	23.81	0.71	2.90	R17/45		W20/45	1.32		1.30			
R17/45		W21/45	28.31	27.53	0.78	2.76	R17/45		W21/45	0.39	1.71	0.39	1.69	0.03	1.46

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC	Room	Room Use	Window	EXISTING ADF	TOTAL	PROPOSED ADF	TOTAL	TOTAL LOSS	%LOSS ADF
R18/45		W22/45	31.92	31.00	0.92	2.88	R18/45		W22/45	0.94	0.94	0.93	0.93	0.01	1.28
R19/45		W23/45	37.99	37.99	0.00	0.00	R19/45		W23/45	1.38		1.38			
R19/45		W24/45	37.65	34.48	3.17	8.42	R19/45		W24/45	1.37	2.74	1.26	2.64	0.11	3.90
R1/46		W1/46	38.66	36.61	2.05	5.30	R1/46		W1/46	0.93	0.93	0.88	0.88	0.05	5.16
R2/46		W2/46	34.97	32.92	2.05	5.86	R2/46		W2/46	1.62	1.62	1.54	1.54	0.08	5.18
R3/46		W3/46	37.71	35.64	2.07	5.49	R3/46		W3/46	2.06	2.06	1.95	1.95	0.11	5.38
R4/46		W4/46	38.30	36.19	2.11	5.51	R4/46		W4/46	2.06	2.06	1.95	1.95	0.11	5.43
R5/46		W5/46	38.58	36.45	2.13	5.52	R5/46		W5/46	1.85	1.85	1.75	1.75	0.10	5.25
R6/46	BATHROOM	W6/46	38.71	36.52	2.19	5.66	R6/46	BATHROOM	W6/46	2.60	2.60	2.46	2.46	0.14	5.39
R7/46	BEDROOM	W7/46	38.73	36.50	2.23	5.76	R7/46	BEDROOM	W7/46	1.60	1.60	1.51	1.51	0.09	5.51
R8/46	BEDROOM	W8/46	38.73	36.45	2.28	5.89	R8/46	BEDROOM	W8/46	1.60	1.60	1.51	1.51	0.09	5.58
R9/46	BATHROOM	W9/46	38.73	36.40	2.33	6.02	R9/46	BATHROOM	W9/46	2.60	2.60	2.45	2.45	0.15	5.74
R10/46	BATHROOM	W10/46	38.74	36.39	2.35	6.07	R10/46	BATHROOM	W10/46	2.60	2.60	2.45	2.45	0.15	5.78
R11/46	BEDROOM	W11/46	38.73	36.35	2.38	6.15	R11/46	BEDROOM	W11/46	1.60	1.60	1.50	1.50	0.09	5.83
R12/46	BEDROOM	W12/46	38.74	36.36	2.38	6.14	R12/46	BEDROOM	W12/46	1.60	1.60	1.50	1.50	0.09	5.83
R13/46	BATHROOM	W13/46	38.74	36.37	2.37	6.12	R13/46	BATHROOM	W13/46	2.60	2.60	2.44	2.44	0.15	5.82
R14/46		W14/46	38.71	36.38	2.33	6.02	R14/46		W14/46	1.85	1.85	1.74	1.74	0.11	5.75

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC	Room	Room Use	Window	EXISTING ADF	TOTAL	PROPOSED ADF	TOTAL	TOTAL LOSS	%LOSS ADF
R15/46		W15/46	38.67	36.36	2.31	5.97	R15/46		W15/46	2.06	2.06	1.94	1.94	0.12	5.97
R16/46		W16/46	38.52	36.25	2.27	5.89	R16/46		W16/46	2.06	2.06	1.94	1.94	0.12	5.87
R17/46		W17/46	37.72	35.49	2.23	5.91	R17/46		W17/46	1.72	1.72	1.62	1.62	0.10	5.53
R18/46		W18/46	38.79	36.61	2.18	5.62	R18/46		W18/46	0.96	0.96	0.91	0.91	0.05	5.41
<b>Chalk Farm Underground Station</b>							<b>Chalk Farm Underground Station</b>								
R1/91	ASSUMED	W1/91	7.19	8.78	-1.59	-22.11	R1/91	ASSUMED	W1/91	0.63		0.65			
R1/91	ASSUMED	W2/91	13.00	11.69	1.31	10.08	R1/91	ASSUMED	W2/91	0.22	0.84	0.20	0.85	-0.01	-0.59
R2/91	ASSUMED	W3/91	6.38	9.83	-3.45	-54.08	R2/91	ASSUMED	W3/91	0.39	0.39	0.60	0.60	-0.21	-52.42
R3/91	ASSUMED	W4/91	5.48	7.67	-2.19	-39.96	R3/91	ASSUMED	W4/91	0.41	0.41	0.60	0.60	-0.19	-47.07
R4/91	ASSUMED	W5/91	13.87	15.47	-1.60	-11.54	R4/91	ASSUMED	W5/91	0.71	0.71	0.76	0.76	-0.05	-7.20

**5-17 HAVERSTOCK HILL DAYLIGHT DISTRIBUTION ANALYSIS**  
**LONDON EXISTING VS PROPOSED SCHEME DATED 11/05/16**

**MAY 2016**

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
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**Eton Place, Eton College Road**

R1/10	LIVINGROOM	190.4	187.3	185.3	1.9	1.0
R2/10	BATHROOM	30.7	24.5	22.3	2.2	9.0
R3/10	KITCHEN	64.5	36.3	25.0	11.3	31.1
R4/10	BEDROOM	112.6	66.9	49.2	17.6	26.3
R5/10	LIVINGROOM	195.1	126.5	93.9	32.5	25.7
R6/10	KITCHEN	56.7	40.5	29.4	11.1	27.4
R7/10	BATHROOM	45.3	38.5	27.5	11.0	28.6
R8/10	BEDROOM	134.8	69.7	48.6	21.1	30.3
R1/11	LIVINGROOM	190.4	187.3	185.3	1.9	1.0
R2/11	BATHROOM	30.7	25.6	25.3	0.3	1.2
R3/11	KITCHEN	64.5	49.3	35.3	14.0	28.4
R4/11	BEDROOM	112.6	83.6	61.1	22.5	26.9
R5/11	LIVINGROOM	195.1	139.9	108.0	31.8	22.7
R6/11	KITCHEN	56.7	51.5	39.0	12.5	24.3
R7/11	BATHROOM	45.3	44.4	35.4	8.9	20.0
R8/11	BEDROOM	134.8	91.5	63.4	28.1	30.7
R1/12	LIVINGROOM	190.4	187.3	185.3	1.9	1.0
R2/12	BATHROOM	30.7	25.7	25.7	0.0	0.0
R3/12	KITCHEN	64.5	62.0	46.5	15.5	25.0
R4/12	BEDROOM	112.6	100.5	76.5	24.0	23.9
R5/12	LIVINGROOM	195.1	163.8	122.4	41.4	25.3
R6/12	KITCHEN	56.7	56.1	49.4	6.7	11.9
R7/12	BATHROOM	45.3	44.9	40.5	4.4	9.8
R8/12	BEDROOM	134.8	118.2	81.0	37.2	31.5
R1/13	LIVINGROOM	190.4	187.3	185.4	1.9	1.0
R2/13	BATHROOM	30.7	25.7	25.7	0.0	0.0
R3/13	KITCHEN	64.5	62.9	61.9	1.1	1.7
R4/13	BEDROOM	112.6	112.2	108.9	3.3	2.9
R5/13	LIVINGROOM	195.1	191.5	157.4	34.1	17.8
R6/13	KITCHEN	56.7	56.2	55.6	0.6	1.1
R7/13	BATHROOM	45.3	44.9	44.1	0.8	1.8
R8/13	BEDROOM	134.8	133.9	111.7	22.2	16.6
R1/14	LIVINGROOM	190.4	187.3	186.8	0.5	0.3
R2/14	BATHROOM	30.7	25.7	25.7	0.0	0.0
R3/14	KITCHEN	64.5	62.9	62.9	0.0	0.0
R4/14	BEDROOM	112.6	112.2	112.2	0.0	0.0
R5/14	LIVINGROOM	195.1	194.1	194.1	0.0	0.0
R6/14	KITCHEN	56.7	56.2	56.2	0.0	0.0
R7/14	BATHROOM	45.3	44.9	44.9	0.0	0.0
R8/14	BEDROOM	134.8	134.0	121.1	12.9	9.6
R1/15	LIVINGROOM	190.4	187.3	187.3	0.0	0.0
R2/15	BATHROOM	30.7	25.7	25.7	0.0	0.0
R3/15	KITCHEN	64.5	63.7	63.7	0.0	0.0
R4/15	BEDROOM	112.6	112.3	112.3	0.0	0.0
R5/15	LIVINGROOM	195.1	194.1	194.1	0.0	0.0

**5-17 HAVERSTOCK HILL DAYLIGHT DISTRIBUTION ANALYSIS**  
**LONDON EXISTING VS PROPOSED SCHEME DATED 11/05/16**

**MAY 2016**

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R6/15	KITCHEN	56.7	56.2	56.2	0.0	0.0
R7/15	BATHROOM	45.3	44.9	44.9	0.0	0.0
R8/15	BEDROOM	134.8	134.3	133.3	1.0	0.7
R1/16		126.0	118.4	118.4	0.0	0.0
R1/20	BEDROOM	134.8	109.8	57.7	52.1	47.4
R2/20	BATHROOM	45.3	44.7	31.1	13.6	30.4
R3/20	KITCHEN	56.7	52.8	30.5	22.3	42.2
R4/20	LIVINGROOM	195.1	174.9	115.4	59.4	34.0
R5/20	BEDROOM	112.6	95.8	57.0	38.8	40.5
R6/20	KITCHEN	64.5	46.9	25.9	21.0	44.8
R7/20	BATHROOM	28.2	23.0	21.5	1.5	6.5
R8/20	LIVINGROOM	194.3	191.1	187.0	4.1	2.1
R1/21	BEDROOM	134.8	120.8	67.8	52.9	43.8
R2/21	BATHROOM	45.3	44.8	35.9	8.9	19.9
R3/21	KITCHEN	56.7	55.8	36.4	19.4	34.8
R4/21	LIVINGROOM	195.1	180.5	124.7	55.8	30.9
R5/21	BEDROOM	112.6	102.2	63.7	38.5	37.7
R6/21	KITCHEN	64.5	54.6	33.6	21.0	38.5
R7/21	BATHROOM	28.2	23.3	22.8	0.6	2.6
R8/21	LIVINGROOM	194.3	191.1	187.0	4.1	2.1
R1/22	BEDROOM	134.8	130.6	77.8	52.9	40.5
R2/22	BATHROOM	45.3	44.8	39.7	5.1	11.4
R3/22	KITCHEN	56.7	56.1	41.8	14.3	25.5
R4/22	LIVINGROOM	195.1	187.1	131.0	56.1	30.0
R5/22	BEDROOM	112.6	108.9	72.0	36.9	33.9
R6/22	KITCHEN	64.5	62.3	41.2	21.0	33.7
R7/22	BATHROOM	28.2	23.3	23.2	0.1	0.4
R8/22	LIVINGROOM	194.3	191.1	187.0	4.1	2.1
R1/23	BEDROOM	134.8	133.9	90.9	43.0	32.1
R2/23	BATHROOM	45.3	44.9	42.5	2.4	5.3
R3/23	KITCHEN	56.7	56.2	48.7	7.5	13.3
R4/23	LIVINGROOM	195.1	193.8	143.9	49.8	25.7
R5/23	BEDROOM	112.6	112.2	85.8	26.4	23.5
R6/23	KITCHEN	64.5	63.2	52.4	10.8	17.1
R7/23	BATHROOM	28.2	23.3	23.3	0.0	0.0
R8/23	LIVINGROOM	194.3	191.2	187.4	3.8	2.0
R1/24	BEDROOM	134.8	133.9	108.1	25.8	19.3
R2/24	BATHROOM	45.3	44.9	44.8	0.2	0.4
R3/24	KITCHEN	56.7	56.2	56.1	0.1	0.2
R4/24	LIVINGROOM	195.1	193.8	177.3	16.4	8.5
R5/24	BEDROOM	112.6	112.2	104.8	7.5	6.7
R6/24	KITCHEN	64.5	63.3	62.6	0.7	1.1
R7/24	BATHROOM	28.2	23.3	23.3	0.0	0.0
R8/24	LIVINGROOM	194.3	191.2	188.7	2.5	1.3
R1/25	BEDROOM	134.8	134.3	130.0	4.3	3.2
R2/25	BATHROOM	45.3	45.0	45.0	0.0	0.0
R3/25	KITCHEN	56.7	56.2	56.2	0.0	0.0



5-17 HAVERSTOCK HILL DAYLIGHT DISTRIBUTION ANALYSIS  
 LONDON EXISTING VS PROPOSED SCHEME DATED 11/05/16

MAY 2016

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R4/25	LIVINGROOM	195.1	193.8	190.1	3.7	1.9
R5/25	BEDROOM	112.6	112.2	112.2	0.0	0.0
R6/25	KITCHEN	64.5	63.9	63.9	0.0	0.0
R7/25	BATHROOM	28.2	0.0	0.0	0.0	#DIV/0!
R8/25	LIVINGROOM	194.3	191.2	191.2	0.0	0.0
R1/26		118.3	109.6	109.6	0.0	0.0
R1/31		55.4	39.8	31.5	8.3	20.9
R1/32		55.4	49.7	39.5	10.3	20.7
R1/33		55.4	55.2	50.8	4.4	8.0
R1/34		55.4	55.2	55.0	0.1	0.2
R1/35		55.4	55.2	55.2	0.0	0.0
R1/36		55.4	24.9	18.5	6.4	25.7
<b>Haverstock School</b>						
R1/80		407.1	373.8	366.0	7.8	2.1
R2/80		349.8	296.9	274.5	22.4	7.5
<b>22 Haverstock Hill</b>						
R1/59		150.3	149.4	149.4	0.0	0.0
R1/60		150.3	149.0	149.0	0.0	0.0
R2/60		61.9	61.3	61.3	0.0	0.0
R1/61		150.3	149.6	149.6	0.0	0.0
R1/62		203.6	203.4	203.4	0.0	0.0
<b>20 Haverstock Hill</b>						
R2/59		145.2	129.5	129.5	0.0	0.0
R3/60		88.1	87.3	86.4	0.9	1.0
R4/60		109.2	106.2	106.2	0.0	0.0
R2/61		88.1	86.5	86.5	0.0	0.0
R3/61		109.2	106.3	106.3	0.0	0.0
R4/61		102.9	100.5	100.5	0.0	0.0
R5/61		107.8	104.6	104.6	0.0	0.0
R2/62		88.1	86.1	86.1	0.0	0.0
R3/62		109.2	106.0	106.0	0.0	0.0
R4/62		102.9	99.2	99.2	0.0	0.0
R5/62		107.8	103.2	103.2	0.0	0.0
<b>18 Haverstock Hill</b>						
R1/71		82.6	81.8	81.8	0.0	0.0

5-17 HAVERSTOCK HILL DAYLIGHT DISTRIBUTION ANALYSIS  
 LONDON EXISTING VS PROPOSED SCHEME DATED 11/05/16

MAY 2016

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
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R1/72		82.6	81.9	81.9	0.0	0.0
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**3-13 Adelaide Road**

R1/51		214.1	211.6	211.6	0.0	0.0
R2/51		214.1	206.9	206.9	0.0	0.0
R3/51		89.2	88.9	88.9	0.0	0.0
R4/51		102.9	102.4	102.4	0.0	0.0
R5/51		94.9	94.3	94.3	0.0	0.0
R6/51		94.9	94.3	94.3	0.0	0.0
R7/51		94.9	94.3	94.3	0.0	0.0
R8/51		94.9	94.3	94.3	0.0	0.0
R9/51		94.9	94.3	94.3	0.0	0.0
R10/51		94.9	94.3	94.3	0.0	0.0
R11/51		104.3	103.8	103.8	0.0	0.0
R12/51		120.0	118.9	118.9	0.0	0.0
R1/52		214.1	211.6	211.6	0.0	0.0
R2/52		214.1	207.2	207.2	0.0	0.0
R3/52		89.2	85.7	85.7	0.0	0.0
R4/52		102.9	98.2	98.4	-0.2	-0.2
R5/52		94.9	91.3	91.5	-0.1	-0.1
R6/52		94.9	91.3	91.3	0.0	0.0
R7/52		94.9	91.3	91.3	0.0	0.0
R8/52		94.9	91.3	91.3	0.0	0.0
R9/52		94.9	91.3	91.3	0.0	0.0
R10/52		94.9	91.3	91.3	0.0	0.0
R11/52		104.3	99.4	99.4	0.0	0.0
R12/52		120.0	112.6	112.0	0.6	0.5
R1/53		173.9	161.9	161.6	0.3	0.2
R2/53		176.5	145.6	141.3	4.3	3.0

**1-36 Adelaide Road (Bridge House)**

R1/40		223.0	172.7	153.5	19.2	11.1
R2/40		124.6	105.4	102.5	2.9	2.8
R3/40		96.8	89.4	89.4	0.0	0.0
R4/40		218.4	165.8	131.2	34.6	20.9
R5/40		208.0	162.1	107.1	55.0	33.9
R6/40		157.5	130.1	130.1	0.0	0.0
R7/40		134.5	99.1	99.1	0.0	0.0
R8/40		125.6	124.1	122.2	1.9	1.5
R1/41		223.0	182.6	160.2	22.4	12.3
R2/41		124.6	113.1	107.6	5.6	5.0
R3/41		96.8	88.8	88.8	0.0	0.0
R4/41		218.4	180.0	142.2	37.8	21.0

5-17 HAVERSTOCK HILL DAYLIGHT DISTRIBUTION ANALYSIS  
 LONDON EXISTING VS PROPOSED SCHEME DATED 11/05/16

MAY 2016

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R5/41	KITCHEN	71.0	53.3	45.2	8.2	15.4
R6/41	HALL	44.1	33.1	26.6	6.6	19.9
R7/41	KITCHEN	71.0	57.2	44.4	12.9	22.6
R8/41	HALL	44.1	32.9	20.9	12.0	36.5
R9/41	KITCHEN	68.3	54.3	41.6	12.8	23.6
R10/41	KITCHEN	68.3	55.1	40.8	14.3	26.0
R11/41	KITCHEN	68.3	53.3	38.3	14.9	28.0
R12/41	HALL	43.7	37.1	26.3	10.8	29.1
R13/41	KITCHEN	65.8	50.6	38.9	11.8	23.3
R14/41		208.0	174.3	118.5	55.8	32.0
R15/41		157.5	132.5	132.5	0.0	0.0
R16/41		134.5	103.3	103.3	0.0	0.0
R17/41		125.6	124.1	122.3	1.8	1.5
R1/42		223.0	200.7	174.0	26.7	13.3
R2/42		124.6	120.2	113.3	6.8	5.7
R3/42		96.8	90.1	90.1	0.0	0.0
R4/42		218.4	203.4	159.9	43.5	21.4
R5/42		97.6	96.0	81.5	14.5	15.1
R6/42		22.6	22.2	22.2	0.0	0.0
R7/42		22.6	22.2	22.2	0.0	0.0
R8/42		88.4	87.2	74.8	12.4	14.2
R9/42	BATHROOM	56.1	55.3	55.1	0.2	0.4
R10/42	BEDROOM	110.8	108.5	95.1	13.4	12.4
R11/42	BEDROOM	110.8	108.6	87.4	21.2	19.5
R12/42	BATHROOM	56.1	55.2	54.8	0.4	0.7
R13/42	BATHROOM	56.1	55.3	55.0	0.3	0.5
R14/42	BEDROOM	110.8	108.4	86.4	21.9	20.2
R15/42	BEDROOM	110.8	108.5	87.0	21.5	19.8
R16/42	BATHROOM	56.1	55.2	54.8	0.4	0.7
R17/42		88.4	87.2	64.1	23.1	26.5
R18/42		22.6	22.2	22.2	0.0	0.0
R19/42		22.6	22.2	22.2	0.0	0.0
R20/42		97.5	95.9	69.7	26.2	27.3
R21/42		208.0	193.1	132.5	60.6	31.4
R22/42		157.5	134.9	134.9	0.0	0.0
R23/42		134.5	108.5	108.5	0.0	0.0
R24/42		125.6	124.1	122.9	1.2	1.0
R1/43		223.0	215.0	195.7	19.3	9.0
R2/43		124.6	123.2	122.6	0.6	0.5
R3/43		96.8	91.0	91.0	0.0	0.0
R4/43		218.4	203.4	179.5	23.8	11.7
R5/43		97.6	96.0	90.8	5.3	5.5
R6/43		22.6	22.2	22.2	0.0	0.0
R7/43		22.6	22.2	22.2	0.0	0.0
R8/43		88.4	87.4	83.2	4.2	4.8
R9/43	BATHROOM	56.1	55.3	55.3	0.0	0.0
R10/43	BEDROOM	110.8	108.5	105.9	2.6	2.4

5-17 HAVERSTOCK HILL DAYLIGHT DISTRIBUTION ANALYSIS  
 LONDON EXISTING VS PROPOSED SCHEME DATED 11/05/16

MAY 2016

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R11/43	BEDROOM	110.8	108.6	100.7	7.9	7.3
R12/43	BATHROOM	56.1	55.2	55.2	0.0	0.0
R13/43	BATHROOM	56.1	55.3	55.3	0.0	0.0
R14/43	BEDROOM	110.8	108.5	98.3	10.2	9.4
R15/43	BEDROOM	110.8	108.6	97.0	11.6	10.7
R16/43	BATHROOM	56.1	55.2	55.2	0.0	0.0
R17/43		88.4	87.4	72.8	14.5	16.6
R18/43		22.6	22.2	22.2	0.0	0.0
R19/43		22.6	22.2	22.2	0.0	0.0
R20/43		97.5	95.9	79.8	16.1	16.8
R21/43		208.0	193.9	160.0	33.9	17.5
R22/43		157.5	137.7	137.7	0.0	0.0
R23/43		134.5	117.1	117.1	0.0	0.0
R24/43		125.6	124.1	123.2	0.9	0.7
R1/44		223.0	215.0	209.0	6.0	2.8
R2/44		124.6	123.2	123.2	0.0	0.0
R3/44		96.8	92.0	92.0	0.0	0.0
R4/44		218.4	203.5	197.0	6.6	3.2
R5/44	KITCHEN	71.0	55.0	55.0	0.0	0.0
R6/44	KITCHEN	71.0	57.7	57.7	0.0	0.0
R7/44	HALL	43.7	29.6	29.6	0.0	0.0
R8/44	KITCHEN	68.3	55.2	55.2	0.0	0.0
R9/44	KITCHEN	68.3	55.2	55.2	0.0	0.0
R10/44	HALL	43.7	41.2	41.2	0.0	0.0
R11/44	HALL	43.7	41.0	41.0	0.0	0.0
R12/44	KITCHEN	68.3	54.3	54.3	0.0	0.0
R13/44	HALL	43.7	39.1	39.1	0.0	0.0
R14/44	KITCHEN	65.8	50.7	50.7	0.0	0.0
R15/44		208.0	193.8	186.8	7.0	3.6
R16/44		157.5	142.8	142.8	0.0	0.0
R17/44		134.5	128.0	128.0	0.0	0.0
R18/44		125.6	124.1	123.2	0.9	0.7
R1/45		223.0	215.0	215.0	0.0	0.0
R2/45		124.6	123.2	123.2	0.0	0.0
R3/45		96.8	92.0	92.0	0.0	0.0
R4/45		218.4	205.2	205.2	0.0	0.0
R5/45	KITCHEN	71.0	55.0	55.0	0.0	0.0
R6/45	KITCHEN	71.0	57.7	57.7	0.0	0.0
R7/45	HALL	44.1	41.2	41.2	0.0	0.0
R8/45	HALL	43.7	21.2	21.2	0.0	0.0
R9/45	KITCHEN	68.3	55.2	55.2	0.0	0.0
R10/45	KITCHEN	68.3	55.2	55.2	0.0	0.0
R11/45	HALL	43.7	21.2	21.2	0.0	0.0
R12/45	HALL	43.7	21.2	21.2	0.0	0.0
R13/45	KITCHEN	68.3	55.2	55.2	0.0	0.0
R14/45	HALL	43.7	40.9	40.9	0.0	0.0
R15/45	KITCHEN	65.8	52.2	52.2	0.0	0.0

5-17 HAVERSTOCK HILL DAYLIGHT DISTRIBUTION ANALYSIS  
 LONDON EXISTING VS PROPOSED SCHEME DATED 11/05/16

MAY 2016

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R16/45		208.0	193.8	193.8	0.0	0.0
R17/45		157.5	151.9	151.9	0.0	0.0
R18/45		134.5	131.1	131.1	0.0	0.0
R19/45		125.6	124.1	123.5	0.6	0.5
R1/46		218.4	205.4	205.4	0.0	0.0
R2/46		97.6	96.0	96.0	0.0	0.0
R3/46		22.6	22.2	22.2	0.0	0.0
R4/46		22.6	22.2	22.2	0.0	0.0
R5/46		88.4	87.5	87.5	0.0	0.0
R6/46	BATHROOM	56.1	55.3	55.3	0.0	0.0
R7/46	BEDROOM	110.8	108.5	108.5	0.0	0.0
R8/46	BEDROOM	110.8	108.6	108.6	0.0	0.0
R9/46	BATHROOM	56.1	55.2	55.2	0.0	0.0
R10/46	BATHROOM	56.1	55.3	55.3	0.0	0.0
R11/46	BEDROOM	110.8	108.5	108.5	0.0	0.0
R12/46	BEDROOM	110.8	108.6	108.6	0.0	0.0
R13/46	BATHROOM	56.1	55.2	55.2	0.0	0.0
R14/46		88.4	87.5	87.5	0.0	0.0
R15/46		22.6	22.2	22.2	0.0	0.0
R16/46		22.6	22.2	22.2	0.0	0.0
R17/46		97.5	96.0	96.0	0.0	0.0
R18/46		208.0	194.5	194.5	0.0	0.0

**Chalk Farm Underground Station**

R1/91	ASSUMED	271.6	163.3	171.8	-8.5	-5.2
R2/91	ASSUMED	346.4	60.8	119.0	-58.2	-95.7
R3/91	ASSUMED	274.2	41.0	107.0	-66.0	-161.0
R4/91	ASSUMED	402.0	204.5	207.5	-3.0	-1.5

Room	Window	Room Use	Window						Room					
			Existing		Proposed		Winter %Loss	Annual %Loss	Existing		Proposed		Winter %Loss	Annual %Loss
Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter APSH			Annual APSH	Winter APSH	Annual APSH	Winter APSH		
<b>Eton Place, Eton College Road</b>														
R1/10	W1/10	LIVINGROOM	23	74	17	54	26.1	27.0						
R1/10	W2/10	LIVINGROOM	4	22	0	2	100.0	90.9	23	75	17	54	26.1	28.0
R3/10	W4/10	KITCHEN	0	10	0	0	-	100.0	0	10	0	0	-	100.0
R4/10	W5/10	BEDROOM	6	26	0	6	100.0	76.9	6	26	0	6	100.0	76.9
R5/10	W6/10	LIVINGROOM	9	31	1	12	88.9	61.3						
R5/10	W7/10	LIVINGROOM	9	32	0	13	100.0	59.4	9	32	1	14	88.9	56.3
R6/10	W8/10	KITCHEN	9	36	0	19	100.0	47.2	9	36	0	19	100.0	47.2
R7/10	W9/10	BATHROOM	9	38	0	19	100.0	50.0	9	38	0	19	100.0	50.0
R8/10	W10/10	BEDROOM	8	39	0	22	100.0	43.6	8	39	0	22	100.0	43.6
R1/11	W1/11	LIVINGROOM	25	80	19	57	24.0	28.8						
R1/11	W2/11	LIVINGROOM	5	28	0	4	100.0	85.7	25	84	19	57	24.0	32.1
R3/11	W4/11	KITCHEN	0	14	0	5	-	64.3	0	14	0	5	-	64.3
R4/11	W5/11	BEDROOM	6	31	0	13	100.0	58.1	6	31	0	13	100.0	58.1

Room	Window	Room Use	Window						Room					
			Existing			Proposed			Existing			Proposed		
			Winter APSH	Annual APSH	%Loss	Winter APSH	Annual APSH	%Loss	Winter APSH	Annual APSH	%Loss	Winter APSH	Annual APSH	%Loss
R5/11	W6/11	LIVINGROOM	9	37	88.9	1	19	48.6						
R5/11	W7/11	LIVINGROOM	9	37	77.8	2	21	43.2	9	38	77.8	2	22	42.1
R6/11	W8/11	KITCHEN	9	41	88.9	1	23	43.9	9	41	88.9	1	23	43.9
R7/11	W9/11	BATHROOM	9	42	88.9	1	25	40.5	9	42	88.9	1	25	40.5
R8/11	W10/11	BEDROOM	8	42	87.5	1	25	40.5	8	42	87.5	1	25	40.5
R1/12	W1/12	LIVINGROOM	26	81	23.1	20	60	25.9						
R1/12	W2/12	LIVINGROOM	7	33	100.0	0	6	81.8	26	86	23.1	20	61	29.1
R3/12	W4/12	KITCHEN	1	19	100.0	0	10	47.4	1	19	100.0	0	10	47.4
R4/12	W5/12	BEDROOM	7	37	100.0	0	21	43.2	7	37	100.0	0	21	43.2
R5/12	W6/12	LIVINGROOM	10	41	80.0	2	26	36.6						
R5/12	W7/12	LIVINGROOM	10	43	70.0	3	28	34.9	10	44	70.0	3	29	34.1
R6/12	W8/12	KITCHEN	10	45	70.0	3	31	31.1	10	45	70.0	3	31	31.1
R7/12	W9/12	BATHROOM	10	45	80.0	2	30	33.3	10	45	80.0	2	30	33.3
R8/12	W10/12	BEDROOM	11	48	81.8	2	32	33.3	11	48	81.8	2	32	33.3



Room	Window	Room Use	Window						Room					
			Existing			Proposed			Existing			Proposed		
			Winter APSH	Annual APSH	%Loss	Winter APSH	Annual APSH	%Loss	Winter APSH	Annual APSH	%Loss	Winter APSH	Annual APSH	%Loss
R1/13	W1/13	LIVINGROOM	27	82	25.9	20	63	23.2						
R1/13	W2/13	LIVINGROOM	7	36	100.0	0	13	63.9	27	90	25.9	20	67	25.6
R3/13	W4/13	KITCHEN	1	22	100.0	0	13	40.9	1	22	100.0	0	13	40.9
R4/13	W5/13	BEDROOM	9	41	100.0	0	25	39.0	9	41	100.0	0	25	39.0
R5/13	W6/13	LIVINGROOM	12	48	83.3	2	31	35.4						
R5/13	W7/13	LIVINGROOM	12	49	83.3	2	33	32.7	12	50	83.3	2	34	32.0
R6/13	W8/13	KITCHEN	12	50	83.3	2	35	30.0	12	50	83.3	2	35	30.0
R7/13	W9/13	BATHROOM	13	51	61.5	5	37	27.5	13	51	61.5	5	37	27.5
R8/13	W10/13	BEDROOM	14	52	50.0	7	39	25.0	14	52	50.0	7	39	25.0
R1/14	W1/14	LIVINGROOM	28	84	25.0	21	69	17.9						
R1/14	W2/14	LIVINGROOM	8	41	100.0	0	23	43.9	28	95	25.0	21	78	17.9
R3/14	W4/14	KITCHEN	2	25	100.0	0	16	36.0	2	25	100.0	0	16	36.0
R4/14	W5/14	BEDROOM	10	47	80.0	2	34	27.7	10	47	80.0	2	34	27.7
R5/14	W6/14	LIVINGROOM	13	53	61.5	5	41	22.6						
R5/14	W7/14	LIVINGROOM	14	53	42.9	8	44	17.0	14	54	42.9	8	45	16.7

Room	Window	Room Use	Window						Room							
			Existing			Proposed			Existing			Proposed				
			Winter APSH	Annual APSH	%Loss	Winter APSH	Annual APSH	%Loss	Winter APSH	Annual APSH	%Loss	Winter APSH	Annual APSH	%Loss		
R6/14	W8/14	KITCHEN	15	54	33.3	10	46	33.3	14.8	15	54	33.3	10	46	33.3	14.8
R7/14	W9/14	BATHROOM	15	54	33.3	10	45	33.3	16.7	15	54	33.3	10	45	33.3	16.7
R8/14	W10/14	BEDROOM	15	54	33.3	10	44	33.3	18.5	15	54	33.3	10	44	33.3	18.5
R1/15	W1/15	LIVINGROOM	29	85	24.1	22	75	24.1	11.8							
R1/15	W2/15	LIVINGROOM	9	42	77.8	2	30	77.8	28.6	29	96	24.1	22	84	24.1	12.5
R3/15	W4/15	KITCHEN	3	26	100.0	0	21	100.0	19.2	3	26	100.0	0	21	100.0	19.2
R4/15	W5/15	BEDROOM	15	53	53.3	7	44	53.3	17.0	15	53	53.3	7	44	53.3	17.0
R5/15	W6/15	LIVINGROOM	17	55	29.4	12	49	29.4	10.9							
R5/15	W7/15	LIVINGROOM	17	54	29.4	12	48	29.4	11.1	17	55	23.5	13	50	23.5	9.1
R6/15	W8/15	KITCHEN	17	55	29.4	12	49	29.4	10.9	17	55	29.4	12	49	29.4	10.9
R7/15	W9/15	BATHROOM	17	55	23.5	13	50	23.5	9.1	17	55	23.5	13	50	23.5	9.1
R8/15	W10/15	BEDROOM	17	54	23.5	13	49	23.5	9.3	17	54	23.5	13	49	23.5	9.3
R1/16	W1/16		30	86	3.3	29	85	3.3	1.2							
R1/16	W2/16		18	58	5.6	17	57	5.6	1.7	30	97	3.3	29	96	3.3	1.0

Room	Window	Room Use	Window						Room							
			Existing			Proposed			Existing			Proposed				
			Winter APSH	Annual APSH	%Loss	Winter APSH	Annual APSH	%Loss	Winter APSH	Annual APSH	%Loss	Winter APSH	Annual APSH	%Loss		
R1/20	W1/20	BEDROOM	11	44	72.7	3	24	63.6	45.5	11	44	72.7	3	24	63.6	45.5
R2/20	W2/20	BATHROOM	12	46	58.3	5	29	50.0	37.0	12	46	58.3	5	29	50.0	37.0
R3/20	W3/20	KITCHEN	12	46	66.7	4	28	66.7	39.1	12	46	66.7	4	28	66.7	39.1
R4/20	W4/20	LIVINGROOM	11	47	63.6	4	29	63.6	38.3							
R4/20	W5/20	LIVINGROOM	10	44	50.0	5	28	50.0	36.4	12	48	58.3	5	30	58.3	37.5
R5/20	W6/20	BEDROOM	11	44	63.6	4	30	63.6	31.8	11	44	63.6	4	30	63.6	31.8
R6/20	W7/20	KITCHEN	11	39	72.7	3	30	72.7	23.1	11	39	72.7	3	30	72.7	23.1
R7/20	W8/20	BATHROOM	10	30	70.0	3	23	70.0	23.3	10	30	70.0	3	23	70.0	23.3
R8/20	W9/20	LIVINGROOM	10	40	60.0	4	28	60.0	30.0							
R8/20	W10/20	LIVINGROOM	0	17	-	0	5	-	70.6	10	50	60.0	4	32	60.0	36.0
R1/21	W1/21	BEDROOM	11	47	63.6	4	30	63.6	36.2	11	47	63.6	4	30	63.6	36.2
R2/21	W2/21	BATHROOM	12	49	50.0	6	33	50.0	32.7	12	49	50.0	6	33	50.0	32.7
R3/21	W3/21	KITCHEN	12	52	58.3	5	34	58.3	34.6	12	52	58.3	5	34	58.3	34.6

Room	Window	Room Use	Window						Room					
			Existing		Proposed		Winter %Loss	Annual %Loss	Existing		Proposed		Winter %Loss	Annual %Loss
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R4/21	W4/21	LIVINGROOM	12	51	4	32	66.7	37.3						
R4/21	W5/21	LIVINGROOM	13	52	6	36	53.8	30.8	14	55	6	36	57.1	34.5
R5/21	W6/21	BEDROOM	13	54	6	38	53.8	29.6	13	54	6	38	53.8	29.6
R6/21	W7/21	KITCHEN	11	43	4	33	63.6	23.3	11	43	4	33	63.6	23.3
R7/21	W8/21	BATHROOM	10	32	4	26	60.0	18.8	10	32	4	26	60.0	18.8
R8/21	W9/21	LIVINGROOM	11	47	4	33	63.6	29.8						
R8/21	W10/21	LIVINGROOM	0	21	0	7	-	66.7	11	56	4	37	63.6	33.9
R1/22	W1/22	BEDROOM	13	52	5	37	61.5	28.8	13	52	5	37	61.5	28.8
R2/22	W2/22	BATHROOM	14	54	7	40	50.0	25.9	14	54	7	40	50.0	25.9
R3/22	W3/22	KITCHEN	14	56	9	43	35.7	23.2	14	56	9	43	35.7	23.2
R4/22	W4/22	LIVINGROOM	14	58	8	40	42.9	31.0						
R4/22	W5/22	LIVINGROOM	14	59	9	44	35.7	25.4	15	62	9	44	40.0	29.0
R5/22	W6/22	BEDROOM	14	59	8	42	42.9	28.8	14	59	8	42	42.9	28.8
R6/22	W7/22	KITCHEN	14	50	8	42	42.9	16.0	14	50	8	42	42.9	16.0

Room	Window	Room Use	Window						Room					
			Existing		Proposed		Winter %Loss	Annual %Loss	Existing		Proposed		Winter %Loss	Annual %Loss
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R7/22	W8/22	BATHROOM	13	38	7	32	46.2	15.8	13	38	7	32	46.2	15.8
R8/22	W9/22	LIVINGROOM	14	58	7	39	50.0	32.8						
R8/22	W10/22	LIVINGROOM	0	27	0	7	-	74.1	14	66	7	43	50.0	34.8
R1/23	W1/23	BEDROOM	16	56	8	44	50.0	21.4	16	56	8	44	50.0	21.4
R2/23	W2/23	BATHROOM	18	61	10	49	44.4	19.7	18	61	10	49	44.4	19.7
R3/23	W3/23	KITCHEN	19	65	11	51	42.1	21.5	19	65	11	51	42.1	21.5
R4/23	W4/23	LIVINGROOM	18	66	11	51	38.9	22.7						
R4/23	W5/23	LIVINGROOM	17	65	12	51	29.4	21.5	19	69	12	54	36.8	21.7
R5/23	W6/23	BEDROOM	16	66	12	52	25.0	21.2	16	66	12	52	25.0	21.2
R6/23	W7/23	KITCHEN	18	54	13	48	27.8	11.1	18	54	13	48	27.8	11.1
R7/23	W8/23	BATHROOM	15	41	11	37	26.7	9.8	15	41	11	37	26.7	9.8
R8/23	W9/23	LIVINGROOM	17	66	13	49	23.5	25.8						
R8/23	W10/23	LIVINGROOM	3	34	0	10	100.0	70.6	18	75	13	54	27.8	28.0
R1/24	W1/24	BEDROOM	17	59	13	51	23.5	13.6	17	59	13	51	23.5	13.6

Room	Window	Room Use	Window						Room					
			Existing		Proposed		Winter %Loss	Annual %Loss	Existing		Proposed		Winter %Loss	Annual %Loss
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R2/24	W2/24	BATHROOM	21	67	16	58	23.8	13.4	21	67	16	58	23.8	13.4
R3/24	W3/24	KITCHEN	21	69	15	58	28.6	15.9	21	69	15	58	28.6	15.9
R4/24	W4/24	LIVINGROOM	22	73	15	61	31.8	16.4	24	77	17	65	29.2	15.6
R4/24	W5/24	LIVINGROOM	24	75	16	63	33.3	16.0						
R5/24	W6/24	BEDROOM	24	75	17	62	29.2	17.3	24	75	17	62	29.2	17.3
R6/24	W7/24	KITCHEN	23	60	15	52	34.8	13.3	23	60	15	52	34.8	13.3
R7/24	W8/24	BATHROOM	16	43	12	39	25.0	9.3	16	43	12	39	25.0	9.3
R8/24	W10/24	LIVINGROOM	22	73	15	54	31.8	26.0	23	80	15	59	34.8	26.3
R8/24	W11/24	LIVINGROOM	6	37	1	14	83.3	62.2						
R1/25	W1/25	BEDROOM	22	68	18	62	18.2	8.8	22	68	18	62	18.2	8.8
R2/25	W2/25	BATHROOM	23	74	18	66	21.7	10.8	23	74	18	66	21.7	10.8
R3/25	W3/25	KITCHEN	26	80	21	71	19.2	11.3	26	80	21	71	19.2	11.3
R4/25	W4/25	LIVINGROOM	26	81	21	73	19.2	9.9	26	82	21	74	19.2	9.8
R4/25	W5/25	LIVINGROOM	26	81	21	73	19.2	9.9						

Room	Window	Room Use	Window						Room					
			Existing			Proposed			Existing			Proposed		
			Winter APSH	Annual APSH	%Loss	Winter APSH	Annual APSH	%Loss	Winter APSH	Annual APSH	%Loss	Winter APSH	Annual APSH	%Loss
R5/25	W6/25	BEDROOM	27	79	14.8	23	72	8.9	27	79	14.8	23	72	8.9
R6/25	W7/25	KITCHEN	25	63	12.0	22	60	4.8	25	63	12.0	22	60	4.8
R8/25	W8/25	LIVINGROOM	28	80	28.6	20	66	17.5	28	86	28.6	20	71	17.4
R8/25	W9/25	LIVINGROOM	10	41	90.0	1	21	48.8	28	86	28.6	20	71	17.4
R1/26	W1/26		23	75	0.0	23	75	0.0						
R1/26	W2/26		10	42	10.0	9	41	2.4	23	76	0.0	23	76	0.0
R1/31	W1/31		9	42	88.9	1	24	42.9						
R1/31	W2/31		9	45	77.8	2	25	44.4	9	45	77.8	2	26	42.2
R1/32	W1/32		10	47	80.0	2	29	38.3						
R1/32	W2/32		10	47	70.0	3	32	31.9	10	47	70.0	3	33	29.8
R1/33	W1/33		13	51	69.2	4	36	29.4						
R1/33	W2/33		14	52	50.0	7	39	25.0	14	52	50.0	7	40	23.1
R1/34	W1/34		15	54	40.0	9	41	24.1						
R1/34	W2/34		16	55	31.3	11	45	18.2	16	55	31.3	11	45	18.2
R1/35	W1/35		16	55	25.0	12	46	16.4						
R1/35	W2/35		17	56	23.5	13	48	14.3	17	56	23.5	13	48	14.3



Room	Window	Room Use	Window						Room					
			Existing		Proposed		Winter %Loss	Annual %Loss	Existing		Proposed		Winter %Loss	Annual %Loss
Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter APSH			Annual APSH	Winter APSH	Annual APSH	Winter APSH		
R1/36	W1/36		17	56	13	51	23.5	8.9	17	56	13	51	23.5	8.9
Haverstock School														
R1/80	W1/80		1	2	0	1	100.0	50.0	1	2	0	1	100.0	50.0
R2/80	W2/80		6	8	4	6	33.3	25.0	6	8	4	6	33.3	25.0
22 Haverstock Hill														
R1/59	W1/59		16	52	16	47	0.0	9.6						
R1/59	W3/59		2	24	2	18	0.0	25.0	16	55	16	49	0.0	10.9
R1/60	W1/60		21	69	21	64	0.0	7.2						
R1/60	W5/60		3	25	3	21	0.0	16.0	21	69	21	65	0.0	5.8
R2/60	W2/60		15	24	15	20	0.0	16.7	15	24	15	20	0.0	16.7
R1/61	W1/61		23	73	23	68	0.0	6.8						
R1/61	W6/61		3	25	3	20	0.0	20.0	23	73	23	68	0.0	6.8
R1/62	W1/62		25	78	25	75	0.0	3.8						
R1/62	W7/62		6	31	5	27	16.7	12.9	27	80	26	76	3.7	5.0
20 Haverstock Hill														

Room	Window	Room Use	Window						Room					
			Existing		Proposed		Winter %Loss	Annual %Loss	Existing		Proposed		Winter %Loss	Annual %Loss
Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter APSH			Annual APSH	Winter APSH	Annual APSH	Winter APSH		
R2/59	W2/59		5	27	5	25	0.0	7.4	5	27	5	25	0.0	7.4
R3/60	W3/60		15	21	15	19	0.0	9.5	15	21	15	19	0.0	9.5
R4/60	W4/60		8	46	8	43	0.0	6.5	8	46	8	43	0.0	6.5
R2/61	W2/61		23	74	23	70	0.0	5.4	23	74	23	70	0.0	5.4
R3/61	W3/61		24	75	24	72	0.0	4.0	24	75	24	72	0.0	4.0
R4/61	W4/61		24	75	24	73	0.0	2.7	24	75	24	73	0.0	2.7
R5/61	W5/61		23	74	23	72	0.0	2.7	23	74	23	72	0.0	2.7
R2/62	W3/62		26	79	25	75	3.8	5.1	26	79	25	75	3.8	5.1
R3/62	W4/62		26	79	25	76	3.8	3.8	26	79	25	76	3.8	3.8
R4/62	W5/62		26	79	26	77	0.0	2.5	26	79	26	77	0.0	2.5
R5/62	W6/62		26	79	26	77	0.0	2.5	26	79	26	77	0.0	2.5
18 Haverstock Hill														

Room	Window	Room Use	Window						Room					
			Existing		Proposed		Winter %Loss	Annual %Loss	Existing		Proposed		Winter %Loss	Annual %Loss
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R1/70	W1/70		18	60	18	56	0.0	6.7						
R1/70	W2/70		21	68	21	64	0.0	5.9						
R1/70	W3/70		23	66	23	64	0.0	3.0	23	70	23	66	0.0	5.7
R1/71	W1/71		13	48	12	45	7.7	6.3	13	48	12	45	7.7	6.3
R1/72	W1/72		25	77	25	76	0.0	1.3	25	77	25	76	0.0	1.3
<b>18a Haverstock Hill</b>														
R2/70	W4/70		21	62	21	58	0.0	6.5	21	62	21	58	0.0	6.5
R3/70	W5/70		21	69	21	63	0.0	8.7	21	69	21	63	0.0	8.7
<b>3-13 Adelaide Road</b>														
R2/48	W3/48		0	10	0	10	-	0.0						
R2/48	W4/48		5	51	5	51	0.0	0.0						
R2/48	W5/48		0	10	0	10	-	0.0	5	61	5	61	0.0	0.0
<b>1-36 Adelaide Road (Bridge House)</b>														
R3/40	W4/40		0	11	0	11	-	0.0						
R3/40	W5/40		0	11	0	11	-	0.0						
R3/40	W6/40		0	6	0	6	-	0.0	0	11	0	11	-	0.0

Room	Window	Room Use	Window						Room					
			Existing			Proposed			Existing			Proposed		
			Winter APSH	Annual APSH	%Loss	Winter APSH	Annual APSH	%Loss	Winter APSH	Annual APSH	%Loss	Winter APSH	Annual APSH	%Loss
R8/40	W12/40		10	39	0.0	10	39	0.0						
R8/40	W13/40		0	11	-	0	11	-	10	45	10	45	0.0	0.0
R3/41	W4/41		0	11	-	0	11	-						
R3/41	W5/41		0	11	-	0	11	-						
R3/41	W6/41		0	6	-	0	6	-	0	11	0	11	-	0.0
R17/41	W21/41		11	43	0.0	11	43	0.0						
R17/41	W22/41		0	13	-	0	13	-	11	50	11	50	0.0	0.0
R3/42	W4/42		0	12	-	0	12	-						
R3/42	W5/42		0	12	-	0	12	-						
R3/42	W6/42		0	6	-	0	6	-	0	12	0	12	-	0.0
R24/42	W28/42		11	44	0.0	11	44	0.0						
R24/42	W29/42		0	13	-	0	13	-	11	50	11	50	0.0	0.0
R3/43	W4/43		0	12	-	0	12	-						
R3/43	W5/43		0	12	-	0	12	-						
R3/43	W6/43		0	8	-	0	8	-	0	13	0	13	-	0.0
R24/43	W28/43		12	46	0.0	12	46	0.0						
R24/43	W29/43		0	13	-	0	13	-	12	52	12	52	0.0	0.0

Room	Window	Room Use	Window						Room						
			Existing			Proposed			Existing			Proposed			
			Winter APSH	Annual APSH	%Loss	Winter APSH	Annual APSH	%Loss	Winter APSH	Annual APSH	%Loss	Winter APSH	Annual APSH	%Loss	
R3/44	W4/44		0	13	-	0	13	-	0.0						
R3/44	W5/44		0	13	-	0	13	-	0.0						
R3/44	W6/44		0	10	-	0	10	-	0.0	0	15	0	15	-	0.0
R18/44	W22/44		14	48	0.0	14	48	0.0	0.0						
R18/44	W23/44		0	13	-	0	13	-	0.0	14	54	14	54	0.0	0.0
R3/45	W4/45		0	13	-	0	13	-	0.0						
R3/45	W5/45		0	13	-	0	13	-	0.0						
R3/45	W6/45		0	12	-	0	12	-	0.0	0	17	0	17	-	0.0
R19/45	W23/45		15	50	0.0	15	50	0.0	0.0						
R19/45	W24/45		0	13	-	0	13	-	0.0	15	55	15	55	0.0	0.0
<b>Chalk Farm Underground Station</b>															
R4/91	W5/91	ASSUMED	5	28	0.0	5	30	0.0	-7.1	5	28	5	30	0.0	-7.1