



Demolition of the existing buildings and redevelopment  
for a building of 6 storeys in height including ground and 3 storeys basement,  
for use a specialist head and neck facility (Class D1)

Former University College London (UCL) Student Union and Royal Ear Hospital,  
Huntley Street, Bloomsbury

## **Daylight and Sunlight Report**

February 2015



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PROPOSED REDEVELOPMENT OF

UCLH PHASE 5 – HUNTLEY

STREET, LONDON

## Daylight and Sunlight

DIRECTOR:	JUSTIN BOLTON
DATE:	FEBRUARY 2015
VERSION:	PLANNING
PROJECT::	P149 HUNTLEY STREET

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## 1 Executive Summary

- 1.1 This report has considered the potential daylight/ sunlight effects to the surrounding residential properties as a result of the implementation of the proposed scheme produced by Steffian Bradley Architects in association with Pilbrow and Partners.
- 1.2 Where necessary, detailed assessments have been undertaken to the surrounding buildings which have habitable room windows overlooking the site. This has been undertaken in accordance with the BRE report entitled 'Site layout planning for daylight and sunlight: A guide to good practice', more commonly known as 'The BRE guidelines'. Detailed tests have not been undertaken to the surrounding commercial buildings as they are not considered to have a reasonable expectation of daylight or sunlight to require assessment.
- 1.3 The proposed development includes the Demolition of two existing buildings and comprehensive redevelopment to provide medical out-patient facilities.
- 1.4 A number of detailed technical assessments and studies have been undertaken to establish the daylight and sunlight position for the Huntley Street proposal including; a review of the proposed scheme against the existing buildings located on the development site today, and separately one which compares the scheme against the Fitzrovia Area Action Plan (FAAP) massing which is locally accepted as a reasonable baseline for the site.
- 1.5 The daylight and sunlight results show that all of the surrounding residential properties will experience a change to their daylight and sunlight with the proposed development in place. Although it is recognised that these alterations observed when comparing the scheme against the FAAP massing will trigger results which are well within the intention and application of the BRE guidelines.
- 1.6 Additional comparison studies which seek to understand the height and extent of the scheme when compared to other neighbouring buildings indicates that the proposal is acceptable.
- 1.7 Overall the daylight and sunlight effects as a result of the proposed development are considered in accordance with planning policy.



## 2 Introduction

- 2.1 Point 2 Surveyors Ltd has been appointed to undertake a daylight and sunlight study with regard to the proposed redevelopment at Huntley Street, London, WC1E 6DD.
- 2.2 The proposed development includes the Demolition of the UCL Student Union Building and Royal Ear Hospital building on Huntley Street and comprehensive redevelopment of site for a specialist head and neck medical facility.
- 2.3 This report will assess the potential daylight and sunlight effects as a result of the proposal on the surrounding residential properties which face the development site.
- 2.4 The calculations in this report have been based on the submitted plans, elevations and sections by Steffian Bradley Architects in association with Pilbrow and Partners along with land survey information of the surrounding elevations. Access into the surrounding properties has not been obtained and we have therefore used site photographs and information from the local authorities planning records and property websites to assume the internal layouts and room uses.



### 3 Methodology

- 3.1 When assessing any potential effects on the surrounding properties, the BRE guidelines suggest that only those windows that have a reasonable expectation of daylight or sunlight need to be assessed. In particular the BRE guidelines at paragraph 2.2.2 state:

*“The guidelines given here are intended for use for rooms in adjoining dwellings where daylight is required, including living rooms, kitchens and bedrooms. Windows to bathrooms, toilets, storerooms, circulation areas and garages need not be analysed. The guidelines may also be applied to any existing non-domestic building where the occupants have a reasonable expectation of daylight; this would normally include schools, hospitals, hotels and hostels, small workshops and some offices.”*

- 3.2 Further to the above statement, it is considered that the vast majority of commercial properties do not have a reasonable expectation of daylight or sunlight. This is because they are generally designed to rely on artificial electric lighting rather than natural light.

- 3.3 If a property is considered to have a reasonable expectation of daylight or sunlight the following methodology to assess the impacts has been used:

#### Daylighting

- 3.4 It is common to consider the local authorities planning policy in order to establish the basis for which consideration in relation to light should be approached. The following can be used as a quick test to assess the likely effect on existing surrounding properties:

- a) Project a 25 degree line from the centre of the lowest window on the existing building;
- b) If the whole of your new development is lower than this line then it is unlikely to have a substantial effect on the daylight enjoyed by occupants in the existing building.

- 3.5 The above test is also known as the 25° angle test but has not been used for this assessment as it does not reflect the differing heights and layouts of the buildings in the local area.

- 3.6 Camden do suggest that more detailed tests to fully assess the loss of daylight in existing buildings, in particular the use of the Vertical Sky Component (VSC) method of assessment.

*The Vertical Sky Component is expressed as a ratio of the maximum value of daylight achievable for a completely unobstructed vertical wall. The maximum value is almost 40%. This is because daylight hitting a window can only come from one direction immediately halving the available light. The value is limited further by the angle of the sun. This is why if the VSC is greater than 27% enough sunlight [SIC] should be reaching the existing window. Any reduction below this level should be kept to minimum.*

*Windows to some existing rooms may already fail to achieve this target under existing conditions. In these circumstances it is possible to accept a reduction to the existing level of daylight to no less than 80% of its former value.*

- 3.7 In summary to the above, a room is considered to continue to receive good levels of daylight if the window can receive a VSC of at least 27%. If the window receives a VSC below 27% in the existing scenario a reduction of less than 0.8 times its former value (20%), as a result of the proposed development, is considered acceptable.
- 3.8 In conjunction with the VSC tests, the BRE guidelines and British Standard 8206-Part2:2008 suggest that the distribution of daylight is assessed using the No Sky Line (NSL) test. This test separates those areas of the working plane that can receive direct skylight and those that cannot.
- 3.9 The BRE guidelines suggest that the daylight distribution test is undertaken to existing surrounding properties when the internal arrangements are known. To assess the impact of any reduction the BRE guidelines suggest:

*"If, following construction of a new development, the no sky line moves so that the area of the existing room, which does receive direct skylight, is reduced to less than 0.8 times its former value this will be noticeable to the occupants, and more of the room will appear poorly lit."*

#### Sunlighting

- 3.10 The amount of direct sunlight a window can enjoy is dependent on its orientation and the extent of any external obstructions. For example a window that faces directly north, no matter what external obstructions are present, will not be able to receive good levels of sunlight throughout the year. However, a window that faces directly south with no obstructions will enjoy very high levels of sunlight throughout the year. As the potential to receive sunlight is dependent on a window's orientation, the BRE guidelines state:

*"To assess loss of sunlight to an existing building, it is suggested that all main living rooms of dwellings, and conservatories, 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."*

- 3.11 To consider any sunlight effect to the surrounding properties the BRE guidelines suggest calculating the Annual Probable Sunlight Hours (APSH) at the centre of each window on the outside face of the window wall. The BRE guidelines suggest that:

*"If this window point can receive more than one quarter of APSH (see section 3.1), including at least 5% of APSH in the winter months between 21st September and 21st March, then the room should still receive enough sunlight."*

- 3.12 If the above criteria is not met, the BRE guidelines suggest calculating the APSH at the window in the existing situation, i.e. before redevelopment. If the reduction of APSH between the existing and proposed situations is less than 0.8 times its former value for either the total APSH or in the winter months; and greater than 4% for the total APSH, then the occupants of the adjoining building are likely to notice the reduction in sunlight.



## 4 The Proposed Site and the Application of the BRE Methodology

- 4.1 It is recognised that the existing buildings which make up the site are themselves smaller in scale when compared to other neighbouring buildings within the surrounding area. The BRE recognise that in urban locations that flexibility can be applied to the results and further that different target criteria can be applied.
- 4.2 The approach towards understanding the potential daylight impacts as a result of the proposed UCLH Phase 5 scheme includes a review of the massing by comparison to the existing buildings (see Plate 01) located on the site today and separately a further assessment which considers a different baseline condition which has been put forward by the Fitzrovia Area Action Plan (FAAP) – see Plate 02 for illustrative position.

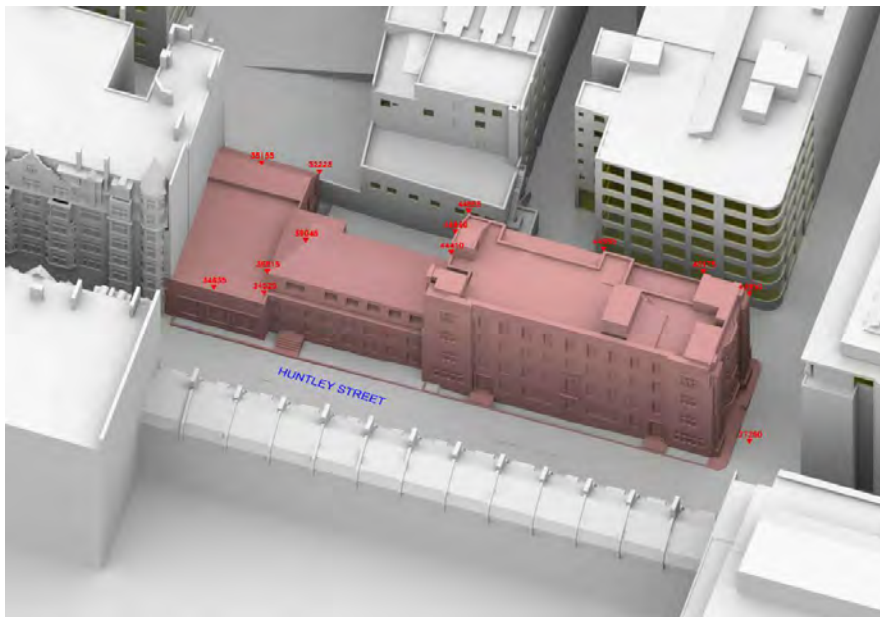


Plate 01 – UCLH Site Buildings (in pink) and the surrounding context

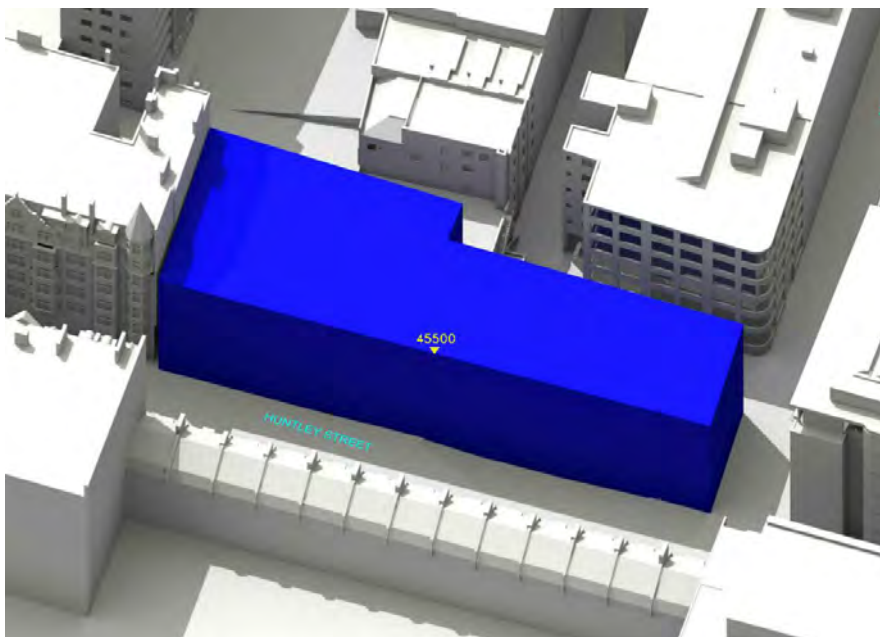


Plate 02 – FAAP Massing Envelope for the site boundary



- 4.3 The FAAP massing acknowledges the uniqueness of the low existing baseline condition (existing buildings located on the site today). However, the FAAP massing (as shown on Plate 02) is less in height when compared to other immediate neighbouring buildings including Gordon Mansions.
- 4.4 As a separate study, Appendix F of the BRE guidelines has been considered. In this the BRE acknowledge that different target criteria may be applied where the local obstruction is greater than the suburban model used to generate the BRE Guidelines. A section taken between Gordon Mansions (see Plates 03 and 04) highlights the extent to which the neighbouring buildings are currently positioned within the urban context.

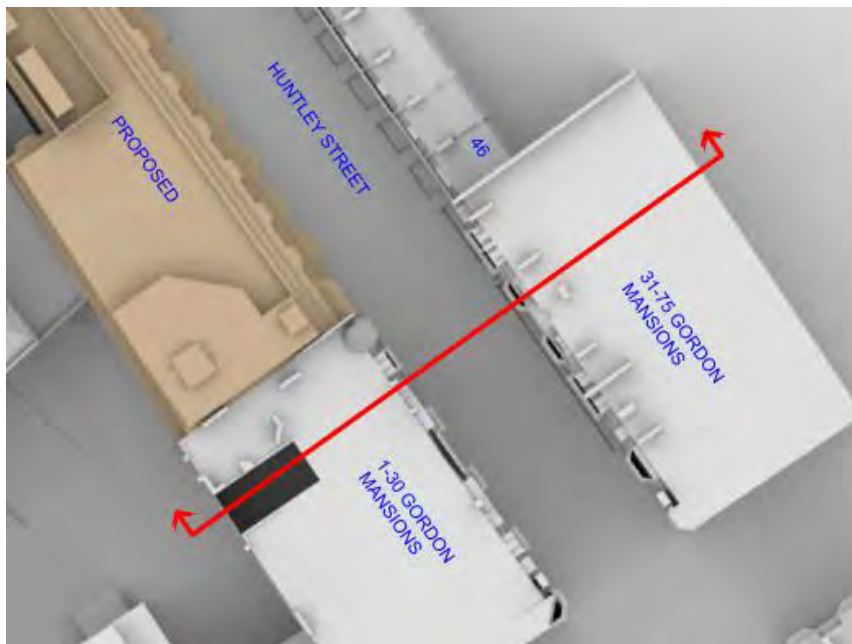


Plate 03 – Section through Gordon Mansions (neighbouring the site)

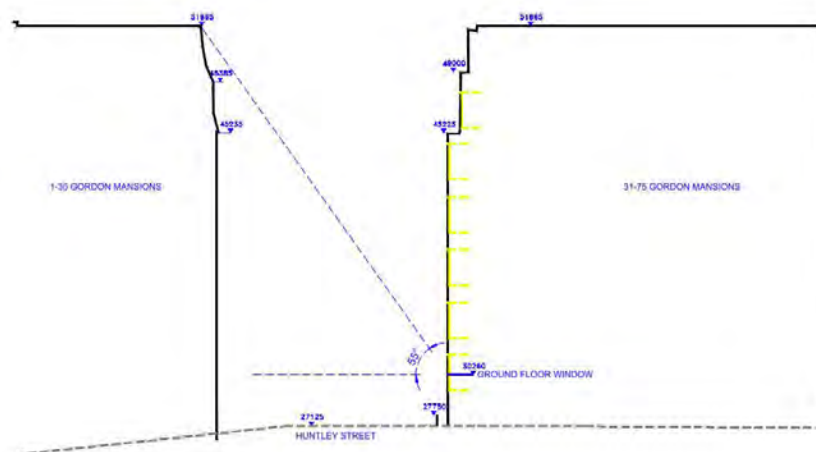


Plate 04 – Section and angle line from Gordon Mansion building opposite

- 4.5 The section drawing with the inclusion of the angle line has further been replicated on the site (with the proposed development) in order to establish the acceptability of the massing for the area. Plate 05 and 06 highlight both the location for which the section has been drawn through as well as the extent to which the proposal will fall within the angle line.

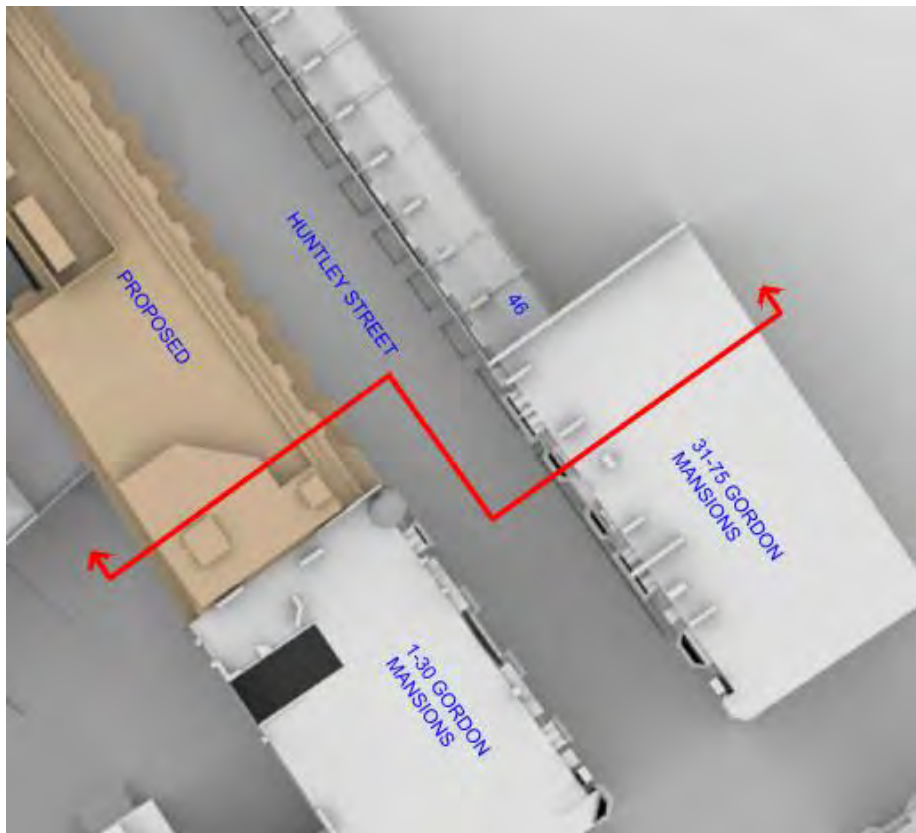


Plate 05 - Section through Gordon Mansions and site (proposal)

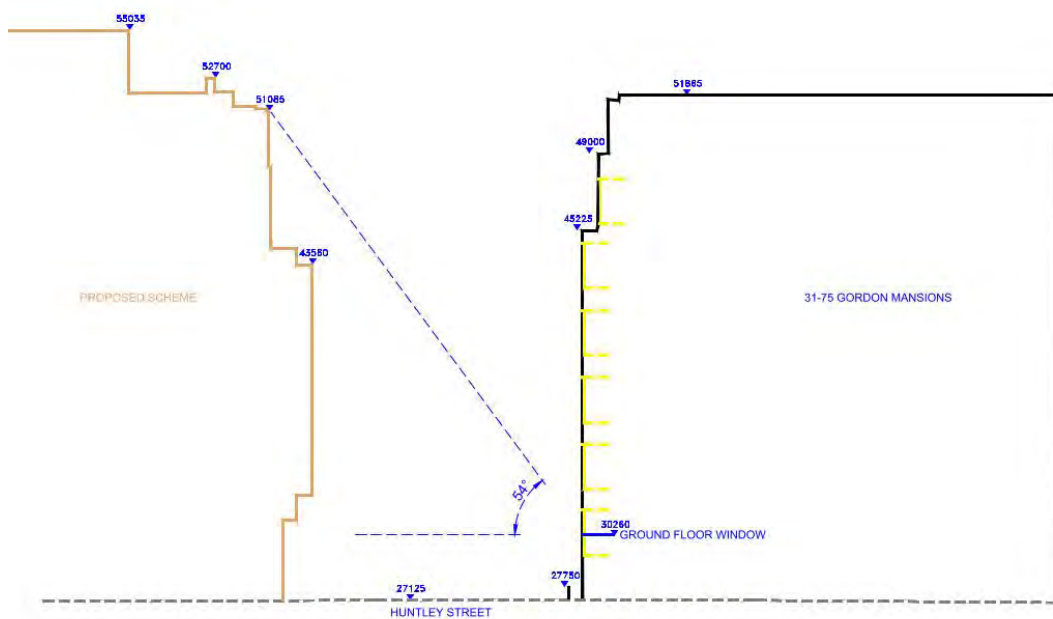


Plate 06 - Section and angle line through Gordon Mansion and site (proposal)

- 4.6 The results of this exercise highlight that the height and extent of the scheme will fall within the same angel line as the neighbouring Gordon Mansions (existing building) which neighbours the development site. The proposal is therefore acceptable and in line with other existing buildings in the area.

## 5 Surrounding Buildings

- 5.1 Following a site visit and research on the Valuation Office Agency website, the following surrounding properties are those that are within close proximity of the site, and are understood to be either residential or include an element of residential accommodation:

75 Huntley Street  
68 Huntley Street  
66 Huntley Street  
64 Huntley Street  
62 Huntley Street  
60 Huntley Street  
58 Huntley Street

56 Huntley Street  
54 Huntley Street  
52 Huntley Street  
50 Huntley Street  
48 Huntley Street  
46 Huntley Street  
31-75 Gordon Mansions

- 5.2 A site plan illustrating the position of the above surrounding properties showing the position of each building that has been assessed is given at Appendix A, whereas the window highlighting the location of the tested windows is located in Appendix D.
- 5.3 The remaining surrounding properties are understood to be of commercial use and not considered to have a reasonable expectation of daylight or sunlight. Detailed daylight and sunlight assessments have not therefore been undertaken to these properties.

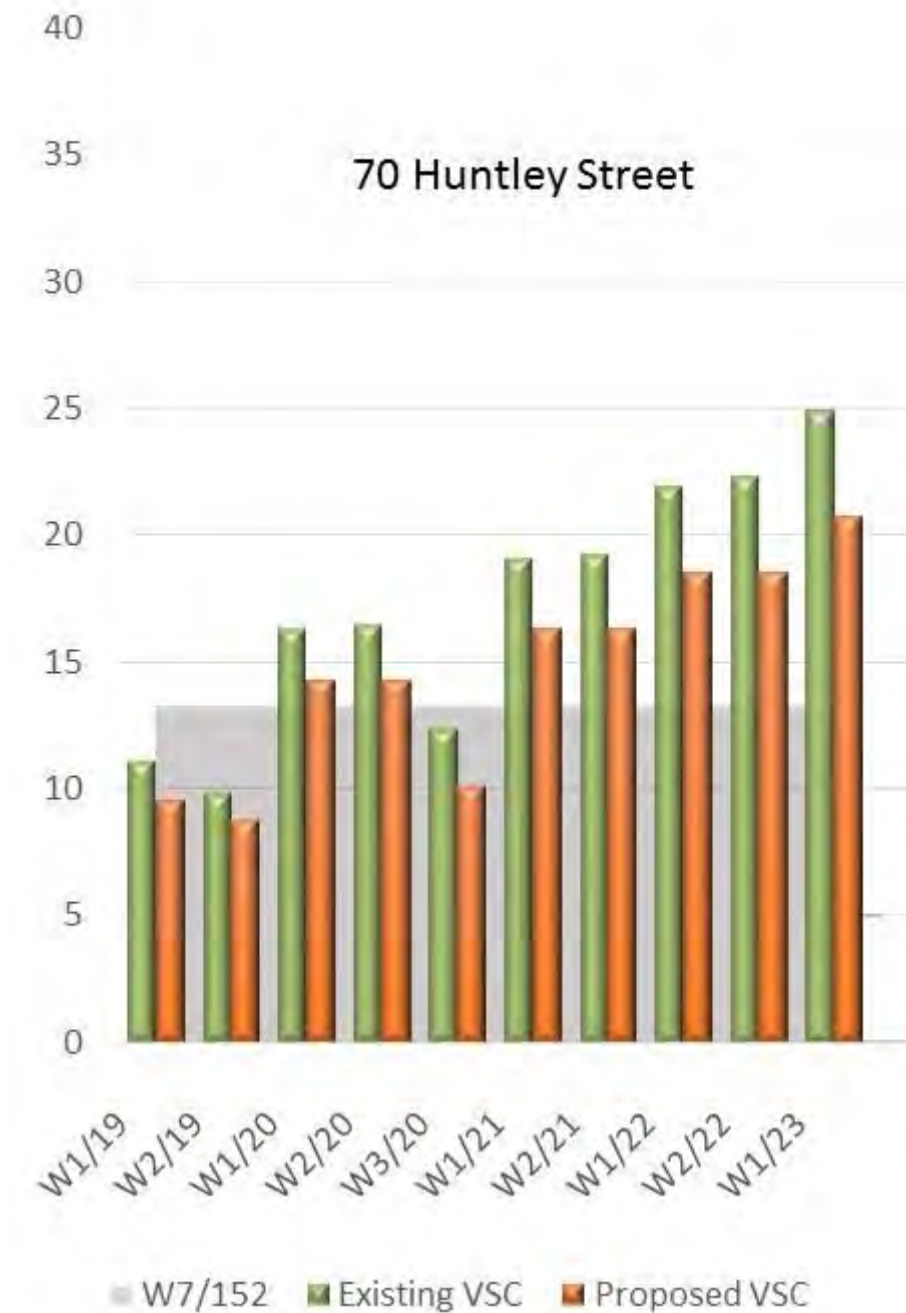
## 6 Assessment Results For Impacts to Neighbouring Buildings

- 6.1 Following the identification of those properties that are considered to have a reasonable expectation of daylight and sunlight, VSC, NSL, and where appropriate, APSH tests have been undertaken.
- 6.2 The tabular results of the assessments are given at Appendix B and C (including both baseline conditions).
- 6.3 When compared to the true existing buildings which are located on the site today against the scheme proposal, the VSC method of assessment indicates that 30% (55 out of 184 windows tested) achieve BRE compliance. However, the assessment which includes the baseline of the FAAP massing will highlight a compliance rate of 80% (147 out of 184 windows). The remaining 20% of the windows (37 out of the 184) will fall within the 20%-29.9% loss range where the BRE suggest that a loss of up to 20% will not be noticed by the occupants.
- 6.4 The NSL daylight results for all of the properties assessed show a compliance rate of 35% based on comparing the scheme against the existing buildings which make up the proposed site today. The assessment which compares against the FAAP massing (as shown on Plate 02) indicates an improved compliance rate of 65%.
- 6.5 In terms of Sunlight, 120 rooms which face within 90 degree of due south and also face the site have been considered. A comparison of the existing buildings located on the site to the proposed scheme will result in a BRE compliance of 60%. However, the FAAP massing comparison study will render only 6 rooms not meeting the BRE – a compliance of 95% is therefore achievable.
- 6.6 As the numerical data only highlights a change to the existing daylight on the neighbouring buildings, a further investigation has been undertaken which seeks to understand the daylight remaining on an existing neighbouring building when faced with an equal massing directly opposite.
- 6.7 The Gordon Mansions block (31-75 Huntley Street) on the east side of the street faces an equal massing (mansion block) opposite. The existing VSC to window (W7152) located on the second floor positioned in the middle of the block (as shown on Plate 07 in pink) is 15.98%. This is before any development takes place on the UCLH site. The maximum VSC achievable is nearly 40% and thus this existing VSC is comparable to the potential achievable in an urban location.



**Plate 07 – Front elevation and Window Map of 31-75 Gordon Mansions**

- 6.8 The existing VSC to W7/152 has been compared against both the existing VSC and proposed conditions for each window within those buildings facing the development site. The results of the study is highlighted on a series of graphs located in Appendix E.
- 6.9 70 Huntley Street is located directly opposite the development site and the following VSC results have been observed – see Plate 08.



**Plate 08 – VSC Graph comparing Existing and Proposed conditions**

- 6.10 There are 10 windows located within 70 Huntley Street which face the development site. The grey shading depicts the VSC achieved at window W7/152 (within Gordon Mansions) whereas the green shows the existing VSC falling at the vertical surface of each window within 70 Huntley Street. The proposed daylight (VSC) is highlighted by the orange colour.
- 6.11 A comparison which considers the FAAP massing would highlight lower existing VSC, although the absolute retained values would be the same as shown on the proposed (orange) results.



- 6.12 The results highlight that 3 windows will receive a VSC lower than the comparison VSC achieved on the second floor at Gordon Mansions. However, in each instance the existing VSC (for the 3 windows) is already lower and thus the change merely reflects the limited view of the skydome where any alteration can trigger a disproportionate change.
- 6.13 Overall, the daylight and sunlight results show that a number of the surrounding residential properties will experience a change in light as a result of the implementation of the proposed scheme. This is a product of an unusual existing baseline condition of the site. An assessment which compares the proposed scheme against the FAAP massing will render changes in light which are well within the intension and application of the BRE guidelines.



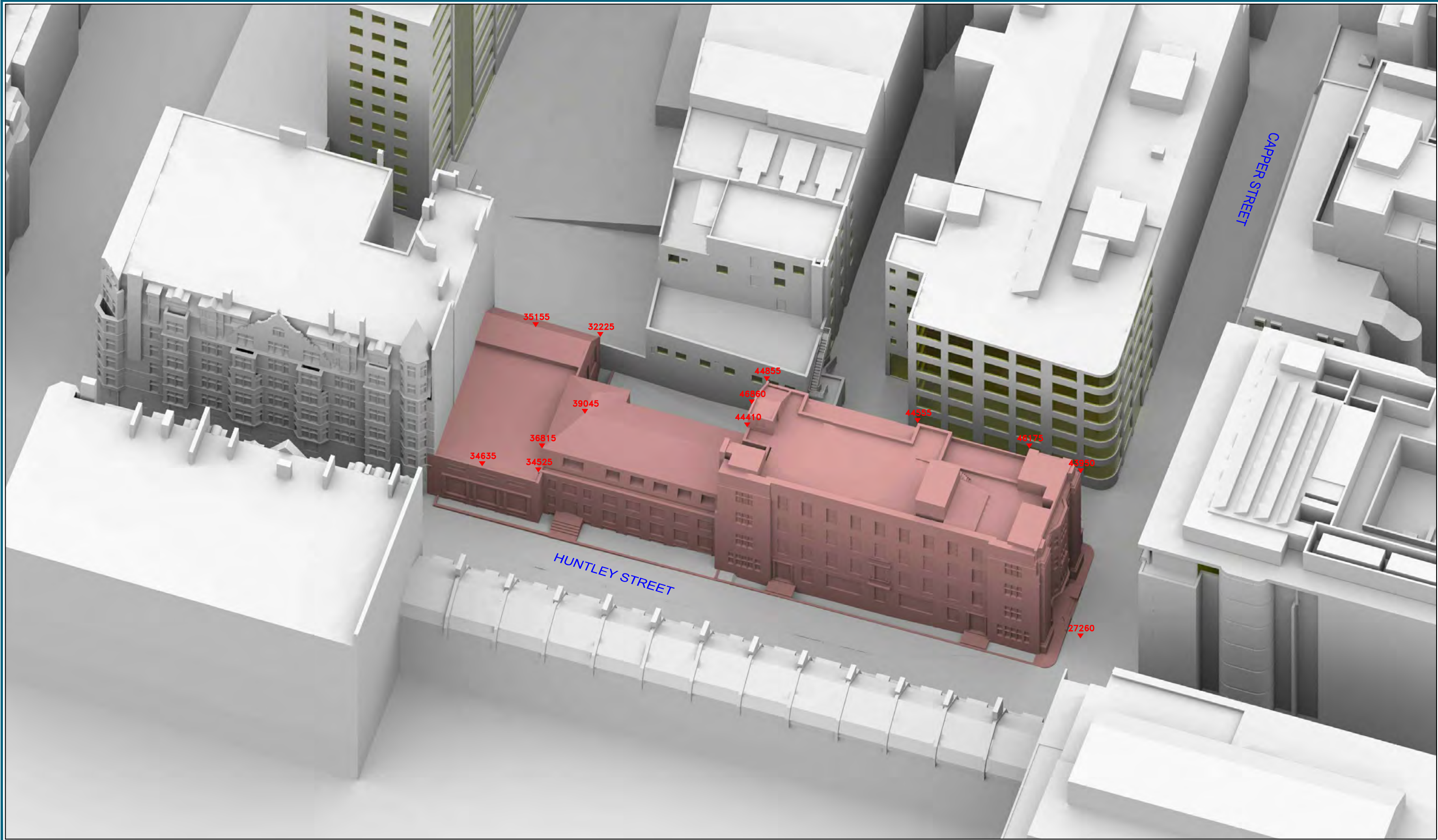
# Appendix A





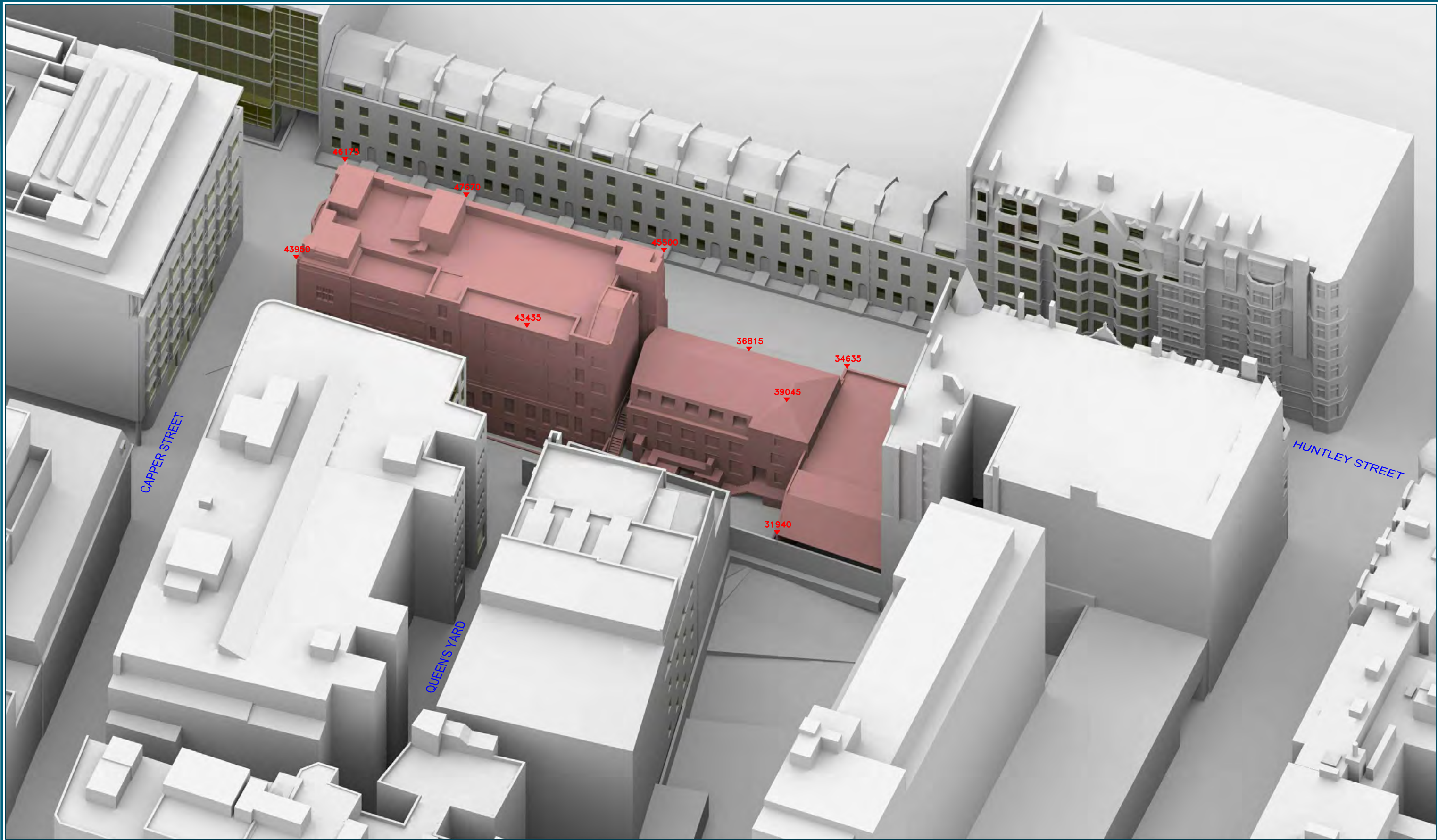
<p>Sources: 3D survey Model 110814</p> <p>Proposed Scheme 140718_Verified_views.skp Stage_2_Sections_AA_BB_REV2.dwg</p>	<p>Key:</p> <div><div>Existing</div><div>Proposed</div></div>	<p>Project: HUNTLEY STREET (UCLH) LONDON</p> <div><div>Drawn By: CGC</div><div>Scale: 1:500</div><div>Date: AUG 2014</div></div>	<p>Title: SITE PLAN EXISTING BUILDINGS</p> <div>Dwg No: <b>P149/20</b></div>	<div><p>Point 2 Surveyors Ltd, Centric House, 390 Strand, London WC2R 0LT, 0207 836 5828 www.point2surveyors.com</p><div><p>POINT surveyors</p></div></div>
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Sources: 3D survey Model 110814  Proposed Scheme 140718_Verified_views.skp Stage_2_Sections_AA_BB_REV2.dwg	Key: <div><div>Existing</div><div>Proposed</div></div> All the Heights in mm AOD	Project: HUNTLEY STREET (UCLH) LONDON			Title: 3D VIEW EXISTING BUILDINGS		Point 2 Surveyors Ltd, Centric House, 390 Strand, London WC2R 0LT, 0207 836 5828 www.point2surveyors.com <div>POINT surveyors</div>
		Drawn By: CGC	Scale: NTS	Date: AUG 2014	Dwg No: <b>P149/021</b>		





<p>Sources: 3D survey Model 110814</p> <p>Proposed Scheme 140718_Verified_views.skp Stage_2_Sections_AA_BB_REV2.dwg</p>	<p>Key:</p> <div><div>Existing</div><div>Proposed</div></div> <p>All the Heights in mm AOD</p>	<p>Project: HUNTLEY STREET (UCLH) LONDON</p> <div><div>Drawn By: CGC</div><div>Scale: NTS</div><div>Date: AUG 2014</div></div>	<p>Title: 3D VIEW EXISTING BUILDINGS</p> <div><div>Dwg No: <b>P149/22</b></div><div><div>Point 2 Surveyors Ltd, Centric House, 390 Strand, London WC2R 0LT, 0207 836 5828 www.point2surveyors.com</div><div><div>POINT</div><div>surveyors</div></div></div></div>
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Sources: 3D survey Model 11/08/14

STEFFIAN BRADLEY ARCHITECTS  
Proposed Scheme 11/02/15  
1433-3d-massing.dwg

Key: — Existing  
— Proposed



Project: HUNTLEY STREET (UCLH)  
LONDON

Title: SITE PLAN  
PROPOSED SCHEME 11/02/15

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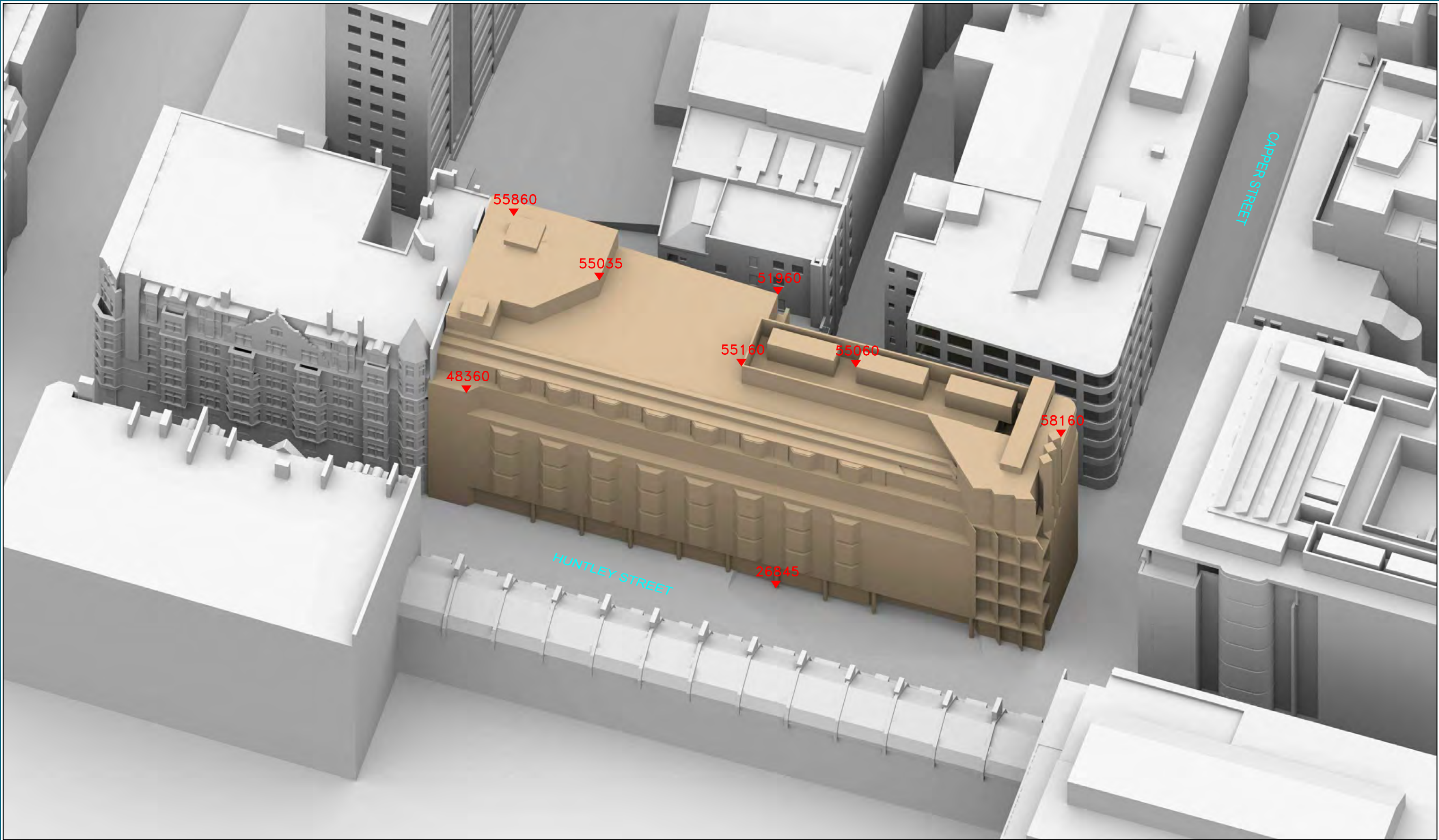
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Scale: 1:500

Date: FEB 2015

Dwg No: **P149/66**





Sources: 3D survey Model 11/08/14  
STEFFIAN BRADLEY ARCHITECTS  
Proposed Scheme 11/02/15  
1433-3d-massing.dwg

Key: — Existing  
— Proposed  
10001 All the Heights in mm AOD

Project: HUNTLEY STREET (UCLH)  
LONDON

Title: 3D VIEW  
PROPOSED SCHEME 11/02/15

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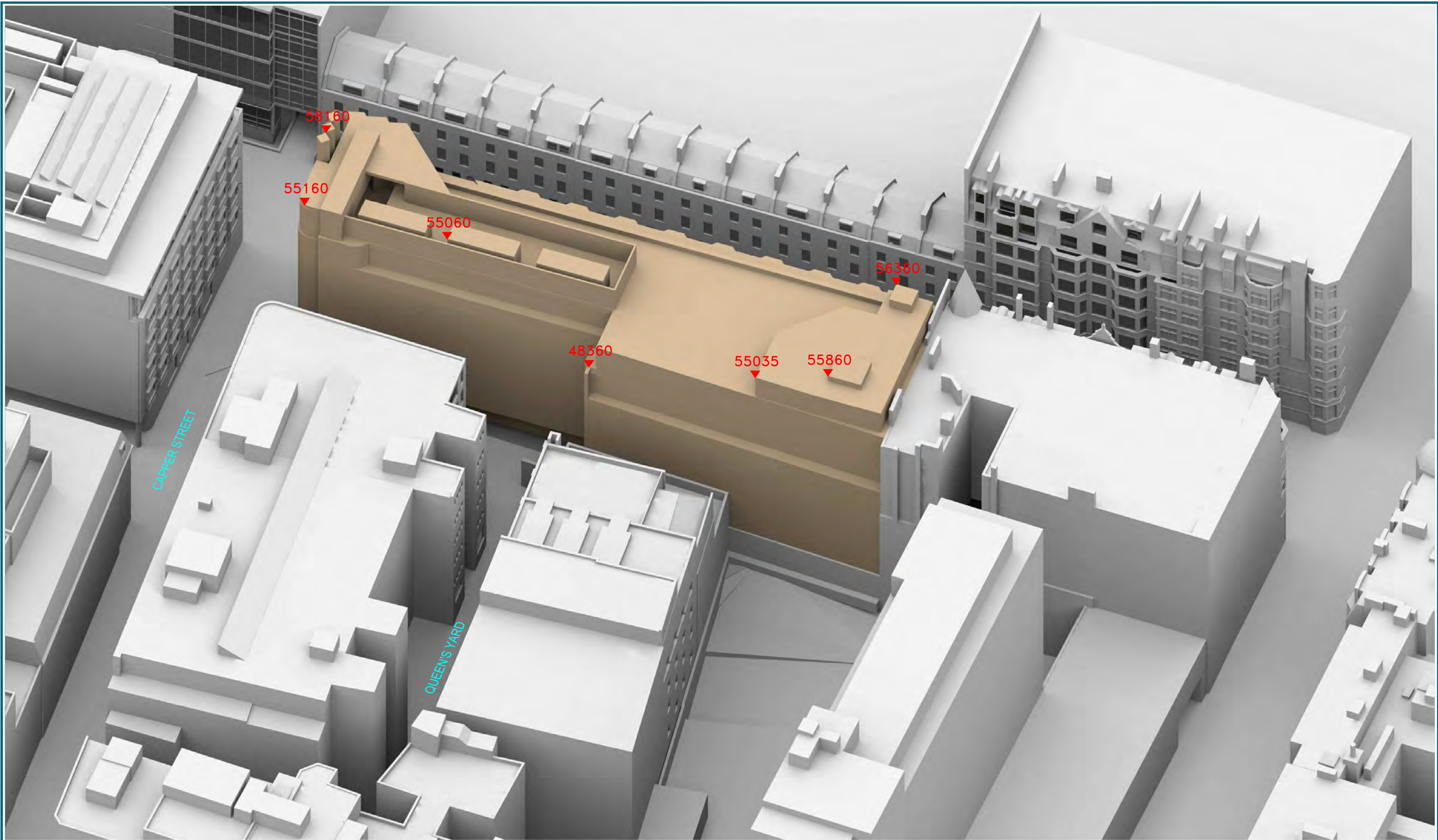
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Date: FEB 2015

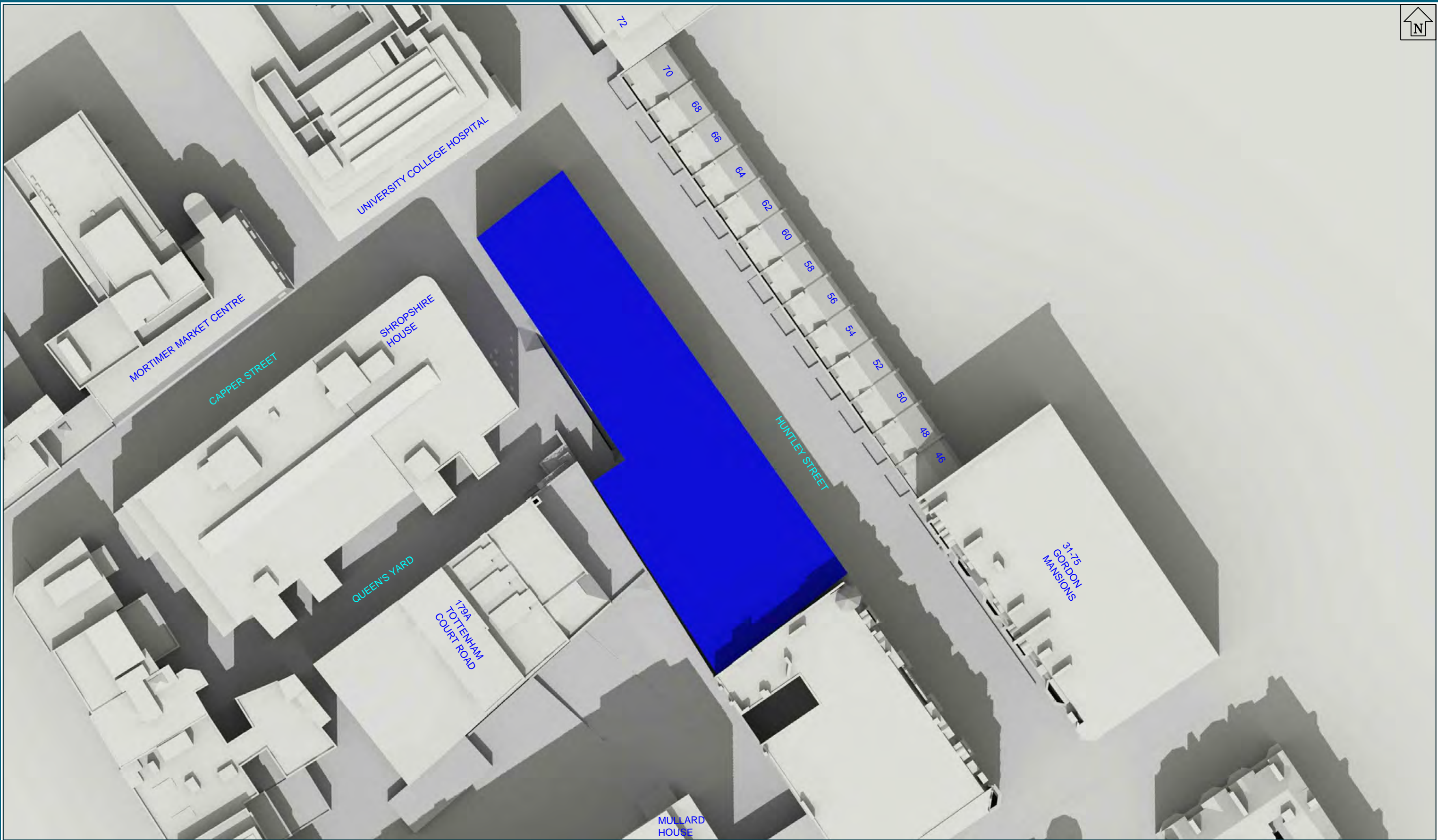
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<b>Sources:</b> 3D survey Model 11/08/14  STEFFIAN BRADLEY ARCHITECTS Proposed Scheme 11/02/15 1433-3d-massing.dwg		<b>Key:</b> <div><div></div> Existing</div> <div><div></div> Proposed</div> <div><div>10001</div> All the Heights in mm AOD</div>		<b>Project:</b> HUNTLEY STREET (UCLH) LONDON		<b>Title:</b> 3D VIEW PROPOSED SCHEME 11/02/15		Point 2 Surveyors Ltd, Centric House, 390 Strand, London WC2R 0LT, 0207 836 5828 www.point2surveyors.com	
Drawn By: MDPO		Scale: NTS		Date: FEB 2015		Dwg No: <b>P149/68</b>			





Sources: 3D survey Model 110814  
Proposed Scheme  
140718\_Verified\_views.skp  
Stage\_2\_Sections\_AA\_BB\_REV2.dwg

Key: — Existing  
— Proposed

Project: HUNTLEY STREET (UCLH)  
LONDON

Title: SITE PLAN  
FAAP MASSING TO HEIGHT 45500MM

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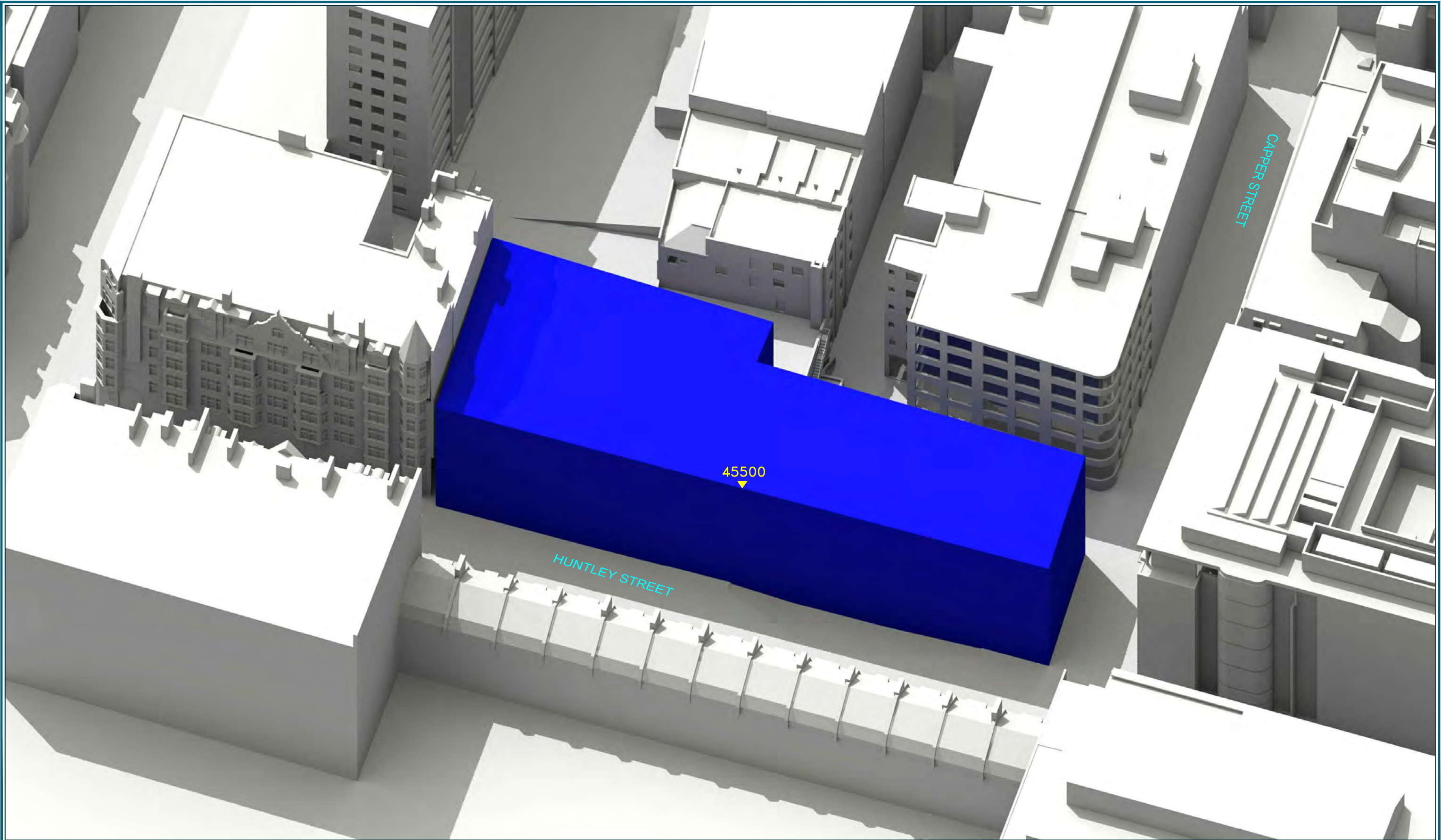
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Date: SEP 2014

Dwg No: **P149/26**





Sources: 3D survey Model 110814

Proposed Scheme  
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Key:

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<span style="color: orange;">—</span>	Proposed
<span style="color: red;">▼</span> 10001	All the Heights in mm AOD

Project: HUNTLEY STREET (UCLH)  
LONDON

Title: 3D VIEW  
FAAP MASSING TO HEIGHT 45500MM

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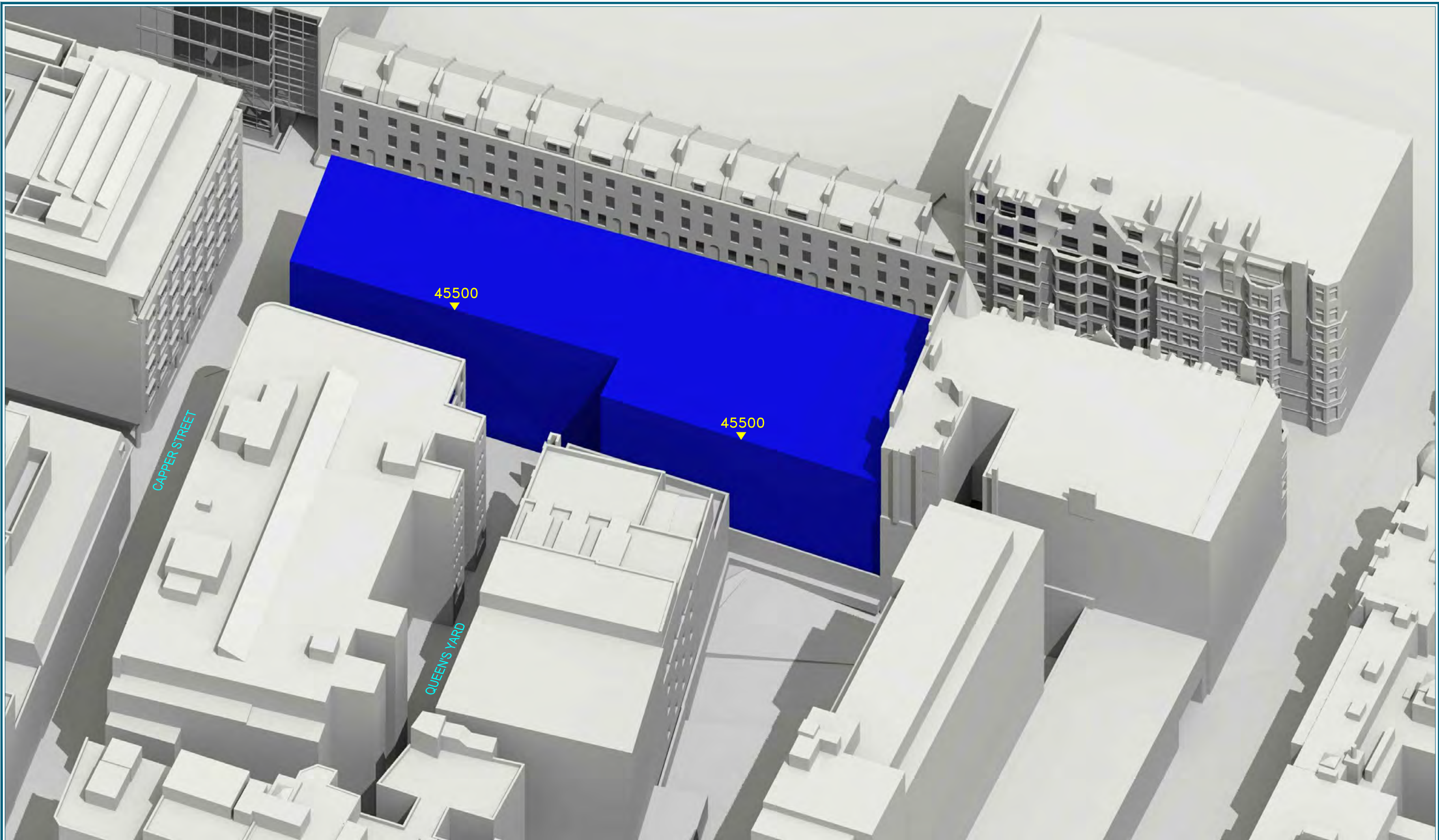
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Date: SEP 2014

Dwg No: **P149/27**





Sources: 3D survey Model 110814  
Proposed Scheme  
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Stage\_2\_Sections\_AA\_BB\_REV2.dwg

Key: — Existing  
— Proposed  
▼ 10001 All the Heights in mm AOD

Project: HUNTLEY STREET (UCLH)  
LONDON

Title: 3D VIEW  
FAAP MASSING TO HEIGHT 45500MM

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Scale: NTS

Date: SEP 2014

Dwg No: **P149/28**

# Appendix B



HUNTLEY STREET  
LONDON  
EXISTING VS PROPOSED

DAYLIGHT ANALYSIS  
PROPOSED SCHEME 3D PHASE 5 DATED 11/02/15

FEB 2015

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
<b>70 Huntley Street</b>						
R1/19	ASSUMED_NOT	W1/19	11.16	9.53	1.63	14.61
R1/19	ASSUMED_NOT	W2/19	9.88	8.69	1.19	12.04
R1/20		W1/20	16.33	14.23	2.10	12.86
R1/20		W2/20	16.48	14.28	2.20	13.35
R2/20	HALL	W3/20	12.42	10.10	2.32	18.68
R1/21		W1/21	19.11	16.31	2.80	14.65
R1/21		W2/21	19.23	16.30	2.93	15.24
R1/22		W1/22	21.99	18.50	3.49	15.87
R1/22		W2/22	22.32	18.53	3.79	16.98
R1/23		W1/23	24.95	20.70	4.25	17.03
<b>68 Huntley Street</b>						
R1/29	ASSUMED_NOT	W1/29	11.48	9.63	1.85	16.11
R1/29	ASSUMED_NOT	W2/29	9.59	8.03	1.56	16.27
R1/30		W1/30	16.01	13.47	2.54	15.87
R1/30		W2/30	15.16	12.14	3.02	19.92
R2/30	HALL	W3/30	10.71	7.38	3.33	31.09
R1/31		W1/31	18.78	15.33	3.45	18.37
R1/31		W2/31	17.82	13.93	3.89	21.83
R1/32		W1/32	22.17	17.71	4.46	20.12
R1/32		W2/32	21.50	16.43	5.07	23.58
R1/33		W1/33	25.47	19.78	5.69	22.34
<b>66 Huntley Street</b>						
R1/39	ASSUMED_NOT	W1/39	10.98	8.58	2.40	21.86
R1/39	ASSUMED_NOT	W2/39	9.09	7.18	1.91	21.01
R1/40		W1/40	14.01	10.83	3.18	22.70
R1/40		W2/40	13.90	10.59	3.31	23.81
R2/40	HALL	W3/40	10.16	6.44	3.72	36.61
R1/41		W1/41	17.30	12.97	4.33	25.03
R1/41		W2/41	17.30	12.68	4.62	26.71
R1/42		W1/42	21.21	15.55	5.66	26.69
R1/42		W2/42	21.33	15.28	6.05	28.36
R1/43		W1/43	25.49	18.56	6.93	27.19
<b>64 Huntley Street</b>						



HUNTLEY STREET  
LONDON  
EXISTING VS PROPOSED

DAYLIGHT ANALYSIS  
PROPOSED SCHEME 3D PHASE 5 DATED 11/02/15

FEB 2015

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R1/49	ASSUMED_NOT	W1/49	10.87	8.12	2.75	25.30
R1/49	ASSUMED_NOT	W2/49	9.03	6.93	2.10	23.26
R1/50		W1/50	13.91	10.34	3.57	25.66
R1/50		W2/50	13.97	10.31	3.66	26.20
R2/50	HALL	W3/50	9.91	5.94	3.97	40.06
R1/51		W1/51	17.38	12.54	4.84	27.85
R1/51		W2/51	17.51	12.56	4.95	28.27
R1/52		W1/52	21.51	15.19	6.32	29.38
R1/52		W2/52	21.68	15.24	6.44	29.70
R1/53		W1/53	25.98	18.42	7.56	29.10
<b>62 Huntley Street</b>						
R1/59	ASSUMED_NOT	W1/59	11.10	8.06	3.04	27.39
R1/59	ASSUMED_NOT	W2/59	9.14	6.96	2.18	23.85
R1/60		W1/60	14.18	10.30	3.88	27.36
R1/60		W2/60	14.28	10.33	3.95	27.66
R2/60	HALL	W3/60	10.74	6.44	4.30	40.04
R1/61		W1/61	17.68	12.60	5.08	28.73
R1/61		W2/61	17.83	12.63	5.20	29.16
R1/62		W1/62	21.86	15.34	6.52	29.83
R1/62		W2/62	21.99	15.42	6.57	29.88
R1/63		W1/63	26.31	18.70	7.61	28.92
R1/63		W2/63	26.35	18.77	7.58	28.77
<b>60 Huntley Street</b>						
R1/69	ASSUMED_NOT	W1/69	11.44	7.99	3.45	30.16
R1/69	ASSUMED_NOT	W2/69	9.18	6.99	2.19	23.86
R1/70		W1/70	14.57	10.32	4.25	29.17
R1/70		W2/70	14.81	10.35	4.46	30.11
R2/70	HALL	W3/70	11.58	6.66	4.92	42.49
R1/71		W1/71	18.02	12.69	5.33	29.58
R1/71		W2/71	18.33	12.74	5.59	30.50
R1/72		W1/72	22.12	15.51	6.61	29.88
R1/72		W2/72	22.31	15.61	6.70	30.03
R1/73		W1/73	26.49	19.05	7.44	28.09
<b>58 Huntley Street</b>						



HUNTLEY STREET  
LONDON  
EXISTING VS PROPOSED

DAYLIGHT ANALYSIS  
PROPOSED SCHEME 3D PHASE 5 DATED 11/02/15

FEB 2015

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R1/79	ASSUMED_NOT	W1/79	12.16	8.05	4.11	33.80
R1/79	ASSUMED_NOT	W2/79	9.54	7.10	2.44	25.58
R1/80		W1/80	15.57	10.42	5.15	33.08
R1/80		W2/80	16.15	10.45	5.70	35.29
R2/80	HALL	W3/80	13.45	7.07	6.38	47.43
R1/81		W1/81	18.90	12.82	6.08	32.17
R1/81		W2/81	19.66	12.86	6.80	34.59
R1/82		W1/82	22.71	15.71	7.00	30.82
R1/82		W2/82	23.32	15.77	7.55	32.38
R1/83		W1/83	26.92	19.27	7.65	28.42
<b>56 Huntley Street</b>						
R1/89	ASSUMED_NOT	W1/89	13.30	8.12	5.18	38.95
R1/89	ASSUMED_NOT	W2/89	11.02	7.17	3.85	34.94
R1/90		W1/90	17.44	10.47	6.97	39.97
R1/90		W2/90	18.14	10.48	7.66	42.23
R2/90	HALL	W3/90	17.22	8.69	8.53	49.54
R1/91		W1/91	20.81	12.89	7.92	38.06
R1/91		W2/91	21.92	12.89	9.03	41.20
R1/92		W1/92	24.29	15.81	8.48	34.91
R1/92		W2/92	25.25	15.83	9.42	37.31
R1/93		W1/93	28.16	19.39	8.77	31.14
<b>54 Huntley Street</b>						
R1/99	ASSUMED_NOT	W1/99	14.49	8.16	6.33	43.69
R1/99	ASSUMED_NOT	W2/99	12.57	7.22	5.35	42.56
R1/100		W1/100	19.46	10.49	8.97	46.09
R1/100		W2/100	20.02	10.48	9.54	47.65
R2/100	HALL	W3/100	18.62	8.47	10.15	54.51
R1/101		W1/101	22.94	12.91	10.03	43.72
R1/101		W2/101	23.68	12.89	10.79	45.57
R1/102		W1/102	26.10	15.84	10.26	39.31
R1/102		W2/102	26.81	15.82	10.99	40.99
R1/103		W1/103	29.34	19.37	9.97	33.98
<b>52 Huntley Street</b>						

HUNTLEY STREET  
LONDON  
EXISTING VS PROPOSED

DAYLIGHT ANALYSIS  
PROPOSED SCHEME 3D PHASE 5 DATED 11/02/15

FEB 2015

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R1/109	ASSUMED_NOT	W1/109	15.22	8.09	7.13	46.85
R1/109	ASSUMED_NOT	W2/109	13.72	7.24	6.48	47.23
R1/110		W1/110	20.69	10.43	10.26	49.59
R1/110		W2/110	20.94	10.40	10.54	50.33
R2/110	HALL	W3/110	18.16	7.21	10.95	60.30
R1/111		W1/111	24.23	12.83	11.40	47.05
R1/111		W2/111	24.51	12.79	11.72	47.82
R1/112		W1/112	27.28	15.75	11.53	42.27
R1/112		W2/112	27.50	15.70	11.80	42.91
R1/113		W1/113	29.85	19.30	10.55	35.34
<b>50 Huntley Street</b>						
R1/119	ASSUMED_NOT	W1/119	15.45	7.98	7.47	48.35
R1/119	ASSUMED_NOT	W2/119	14.60	7.24	7.36	50.41
R1/120		W1/120	21.21	10.35	10.86	51.20
R1/120		W2/120	21.20	10.28	10.92	51.51
R2/120	HALL	W3/120	17.00	5.85	11.15	65.59
R1/121		W1/121	24.70	12.73	11.97	48.46
R1/121		W2/121	24.69	12.62	12.07	48.89
R1/122		W1/122	27.63	15.63	12.00	43.43
R1/122		W2/122	27.53	15.49	12.04	43.73
R1/123		W1/123	29.76	19.07	10.69	35.92
<b>48 Huntley Street</b>						
R1/129	ASSUMED_NOT	W1/129	15.14	7.89	7.25	47.89
R1/129	ASSUMED_NOT	W2/129	14.42	7.15	7.27	50.42
R1/130		W1/130	21.12	10.22	10.90	51.61
R1/130		W2/130	21.03	10.23	10.80	51.36
R2/130	HALL	W3/130	16.73	5.78	10.95	65.45
R1/131		W1/131	24.61	12.56	12.05	48.96
R1/131		W2/131	24.46	12.51	11.95	48.86
R1/132		W1/132	27.20	15.41	11.79	43.35
R1/132		W2/132	26.82	15.32	11.50	42.88
R1/133		W1/133	29.09	18.69	10.40	35.75
<b>46 Huntley Street</b>						
R1/139	ASSUMED_NOT	W1/139	14.14	7.72	6.42	45.40

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R1/139	ASSUMED_NOT	W2/139	13.56	7.00	6.56	48.38
R1/140		W1/140	20.49	10.06	10.43	50.90
R1/140		W2/140	20.06	9.94	10.12	50.45
R2/140	HALL	W3/140	15.69	5.60	10.09	64.31
R1/141		W1/141	23.78	12.34	11.44	48.11
R1/141		W2/141	23.03	12.13	10.90	47.33
R1/142		W1/142	26.06	15.11	10.95	42.02
R1/142		W2/142	25.26	14.87	10.39	41.13
R1/143		W1/143	27.60	18.07	9.53	34.53
<b>31-75 Gordon Mansions</b>						
R1/149	ASSUMED_NOT	W1/149	15.40	7.45	7.95	51.62
R2/149	ASSUMED_NOT	W2/149	9.75	7.39	2.36	24.21
R3/149	ASSUMED_NOT	W3/149	11.25	7.73	3.52	31.29
R4/149	ASSUMED_NOT	W4/149	9.74	7.21	2.53	25.98
R5/149	ASSUMED_NOT	W5/149	9.97	8.31	1.66	16.65
R1/150		W1/150	18.68	9.10	9.58	51.28
R2/150		W2/150	17.39	9.24	8.15	46.87
R3/150		W4/150	12.94	9.23	3.71	28.67
R3/150		W5/150	10.04	9.87	0.17	1.69
R4/150		W3/150	11.01	8.37	2.64	23.98
R4/150		W6/150	10.83	8.38	2.45	22.62
R5/150		W7/150	12.68	9.21	3.47	27.37
R5/150		W8/150	11.22	9.58	1.64	14.62
R5/150		W9/150	7.86	7.86	0.00	0.00
R1/151		W1/151	21.33	11.56	9.77	45.80
R2/151		W2/151	20.27	12.04	8.23	40.60
R2/151		W3/151	18.35	11.97	6.38	34.77
R3/151		W4/151	15.35	9.31	6.04	39.35
R3/151		W5/151	15.53	11.93	3.60	23.18
R3/151		W6/151	11.95	11.78	0.17	1.42
R4/151		W7/151	13.24	10.84	2.40	18.13
R5/151		W8/151	14.38	11.16	3.22	22.39
R5/151		W9/151	13.49	11.99	1.50	11.12
R5/151		W10/151	9.71	9.71	0.00	0.00

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R1/152		W1/152	23.68	14.58	9.10	38.43
R2/152		W2/152	22.72	15.04	7.68	33.80
R2/152		W3/152	20.89	14.94	5.95	28.48
R3/152		W4/152	17.12	11.60	5.52	32.24
R3/152		W5/152	18.23	14.95	3.28	17.99
R3/152		W6/152	14.34	14.18	0.16	1.12
R4/152		W7/152	15.98	13.83	2.15	13.45
R5/152		W8/152	16.40	13.57	2.83	17.26
R5/152		W9/152	16.31	15.01	1.30	7.97
R5/152		W10/152	12.06	12.06	0.00	0.00
R1/153		W1/153	26.31	18.38	7.93	30.14
R2/153		W2/153	25.61	18.90	6.71	26.20
R2/153		W3/153	23.97	18.78	5.19	21.65
R3/153		W4/153	19.17	14.48	4.69	24.47
R3/153		W5/153	21.65	18.87	2.78	12.84
R3/153		W6/153	17.52	17.38	0.14	0.80
R4/153		W7/153	19.50	17.71	1.79	9.18
R5/153		W8/153	19.02	16.74	2.28	11.99
R5/153		W9/153	20.02	18.98	1.04	5.19
R5/153		W10/153	15.08	15.08	0.00	0.00
R1/154		W1/154	28.88	22.43	6.45	22.33
R2/154		W2/154	28.60	23.14	5.46	19.09
R2/154		W3/154	27.29	23.07	4.22	15.46
R3/154		W4/154	21.83	18.11	3.72	17.04
R3/154		W5/154	25.61	23.41	2.20	8.59
R3/154		W6/154	21.95	21.83	0.12	0.55
R4/154		W7/154	23.84	22.45	1.39	5.83
R5/154		W8/154	22.95	21.23	1.72	7.49
R5/154		W9/154	24.45	23.67	0.78	3.19
R5/154		W10/154	18.97	18.97	0.00	0.00
R1/155		W1/155	32.97	28.35	4.62	14.01
R2/155		W2/155	32.61	28.60	4.01	12.30
R3/155		W3/155	28.57	25.96	2.61	9.14
R4/155		W4/155	31.21	29.66	1.55	4.97
R5/155		W5/155	30.79	29.78	1.01	3.28

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R6/155		W6/155	30.57	30.02	0.55	1.80
R1/156		W1/156	36.20	33.46	2.74	7.57
R2/156		W2/156	35.10	32.84	2.26	6.44
R3/156		W3/156	34.78	32.99	1.79	5.15
R4/156		W4/156	34.36	33.38	0.98	2.85
R5/156		W5/156	35.42	34.80	0.62	1.75
R6/156		W6/156	35.00	34.59	0.41	1.17

HUNTLEY STREET  
LONDON  
EXISTING VS PROPOSED

DAYLIGHT DISTRIBUTION ANALYSIS  
PROPOSED SCHEME 3D PHASE 5 DATED 11/02/15

FEB 2015

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
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70 Huntley Street

R1/19	ASSUMED_N	204.0	154.8	150.6	4.2	2.7
R1/20		204.0	186.4	177.4	8.9	4.8
R2/20	HALL	62.8	48.7	47.7	1.0	2.1
R1/21		271.4	235.1	216.3	18.8	8.0
R1/22		271.4	234.6	211.3	23.3	9.9
R1/23		271.4	182.8	158.5	24.3	13.3

68 Huntley Street

R1/29	ASSUMED_N	182.1	130.8	127.9	2.9	2.2
R1/30		182.1	150.1	142.8	7.2	4.8
R2/30	HALL	50.6	14.7	9.0	5.6	38.1
R1/31		237.2	188.8	170.8	18.1	9.6
R1/32		237.2	190.5	167.6	22.9	12.0
R1/33		226.7	171.7	143.1	28.7	16.7

66 Huntley Street

R1/39	ASSUMED_N	181.2	48.4	39.4	9.0	18.6
R1/40		181.2	87.4	71.8	15.6	17.8
R2/40	HALL	48.3	7.8	2.5	5.3	67.9
R1/41		234.1	142.3	109.9	32.5	22.8
R1/42		234.1	142.0	102.6	39.4	27.7
R1/43		222.4	127.1	82.4	44.7	35.2

64 Huntley Street

R1/49	ASSUMED_N	180.4	35.5	28.1	7.5	21.1
R1/50		180.4	70.3	54.6	15.7	22.3
R2/50	HALL	50.8	8.2	3.1	5.0	61.0
R1/51		235.8	124.8	90.8	34.0	27.2
R1/52		235.8	130.4	85.0	45.3	34.7
R1/53		225.6	96.8	43.4	53.4	55.2

62 Huntley Street

R1/59	ASSUMED_N	179.1	34.5	24.5	10.1	29.3
R1/60		179.1	71.5	49.5	21.9	30.6
R2/60	HALL	52.7	8.5	3.9	4.6	54.1
R1/61		236.5	129.5	85.7	43.8	33.8
R1/62		236.5	131.4	80.3	51.1	38.9
R1/63		201.1	108.9	49.6	59.2	54.4

60 Huntley Street

R1/69	ASSUMED_N	179.5	41.9	22.9	19.0	45.3
R1/70		179.5	84.4	47.7	36.8	43.6

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R2/70	HALL	50.8	8.2	3.6	4.5	54.9
R1/71		234.9	150.9	83.3	67.6	44.8
R1/72		234.9	142.4	78.4	64.0	44.9
R1/73		225.6	124.1	54.8	69.3	55.8

58 Huntley Street

R1/79	ASSUMED_N	179.0	56.9	22.6	34.3	60.3
R1/80		179.0	116.7	46.4	70.3	60.2
R2/80	HALL	52.2	11.4	3.7	7.7	67.5
R1/81		235.8	178.4	82.8	95.6	53.6
R1/82		235.8	169.6	77.9	91.8	54.1
R1/83		224.9	127.6	34.3	93.3	73.1

56 Huntley Street

R1/89	ASSUMED_N	178.0	71.5	22.3	49.3	69.0
R1/90		178.0	153.3	44.6	108.7	70.9
R2/90	HALL	53.7	42.2	6.7	35.4	83.9
R1/91		236.3	213.2	82.7	130.5	61.2
R1/92		236.3	212.0	76.8	135.3	63.8
R1/93		226.6	151.1	32.4	118.7	78.6

54 Huntley Street

R1/99	ASSUMED_N	179.0	78.8	22.4	56.5	71.7
R1/100		179.0	177.1	45.0	132.1	74.6
R2/100	HALL	51.3	42.6	5.5	37.1	87.1
R1/101		234.9	230.6	82.5	148.2	64.3
R1/102		234.9	231.2	75.5	155.7	67.3
R1/103		225.3	161.3	30.0	131.3	81.4

52 Huntley Street

R1/109	ASSUMED_N	179.2	82.8	22.4	60.4	72.9
R1/110		179.2	177.8	44.9	132.8	74.7
R2/110	HALL	52.0	43.2	5.6	37.6	87.0
R1/111		235.9	232.3	82.8	149.5	64.4
R1/112		235.9	232.3	74.9	157.4	67.8
R1/113		225.9	213.6	50.9	162.7	76.2

50 Huntley Street

R1/119	ASSUMED_N	180.4	87.4	22.7	64.8	74.1
R1/120		180.4	178.9	45.2	133.7	74.7
R2/120	HALL	49.4	39.8	3.5	36.3	91.2
R1/121		234.3	230.6	81.7	148.9	64.6
R1/122		234.3	230.6	73.6	156.9	68.0
R1/123		224.9	181.5	37.9	143.6	79.1



Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
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#### 48 Huntley Street

R1/129	ASSUMED_N	181.7	91.7	22.7	69.0	75.2
R1/130		181.7	180.3	46.1	134.1	74.4
R2/130	HALL	48.8	39.6	3.5	36.1	91.2
R1/131		235.1	231.3	82.1	149.2	64.5
R1/132		235.1	231.3	77.0	154.3	66.7
R1/133		225.0	174.7	38.0	136.7	78.2

#### 46 Huntley Street

R1/139	ASSUMED_N	181.8	90.4	22.7	67.6	74.8
R1/140		181.8	180.1	45.4	134.7	74.8
R2/140	HALL	49.3	40.0	3.4	36.6	91.5
R1/141		235.7	229.3	81.9	147.4	64.3
R1/142		235.7	228.4	76.7	151.7	66.4
R1/143		224.3	189.5	49.7	139.8	73.8

#### 31-75 Gordon Mansions

R1/149	ASSUMED_N	139.0	103.9	29.1	74.8	72.0
R2/149	ASSUMED_N	140.4	107.8	30.6	77.2	71.6
R3/149	ASSUMED_N	165.5	34.7	5.8	28.9	83.3
R4/149	ASSUMED_N	126.4	9.5	6.6	2.9	30.5
R5/149	ASSUMED_N	165.5	13.8	7.3	6.4	46.4
R1/150		139.0	108.5	40.9	67.6	62.3
R2/150		140.4	118.7	40.4	78.3	66.0
R3/150		165.5	95.9	71.0	25.0	26.1
R4/150		126.4	42.9	38.0	4.9	11.4
R5/150		165.5	115.0	83.7	31.3	27.2
R1/151		139.0	114.7	50.1	64.7	56.4
R2/151		204.9	199.3	77.9	121.4	60.9
R3/151		165.5	138.9	89.9	49.0	35.3
R4/151		126.4	51.2	47.6	3.6	7.0
R5/151		165.5	123.2	98.0	25.2	20.5
R1/152		139.0	118.4	65.7	52.6	44.4
R2/152		204.9	199.8	102.0	97.8	48.9
R3/152		165.5	140.7	106.3	34.4	24.4
R4/152		126.4	61.7	60.6	1.1	1.8
R5/152		165.5	125.3	109.6	15.7	12.5
R1/153		139.0	124.6	89.9	34.7	27.8
R2/153		204.9	201.2	136.1	65.1	32.4
R3/153		165.5	149.9	134.3	15.6	10.4
R4/153		126.4	81.1	81.1	0.0	0.0
R5/153		165.5	137.0	131.2	5.8	4.2
R1/154		139.0	133.7	129.7	4.0	3.0
R2/154		204.9	204.3	194.7	9.5	4.7
R3/154		165.5	165.4	165.4	0.0	0.0
R4/154		126.4	121.7	121.7	0.0	0.0
R5/154		165.5	165.4	165.4	0.0	0.0

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R1/155		139.0	132.2	132.2	0.0	0.0
R2/155		93.4	93.3	93.3	0.0	0.0
R3/155		83.9	83.0	83.0	0.0	0.0
R4/155		171.5	171.4	171.4	0.0	0.0
R5/155		126.4	126.4	126.4	0.0	0.0
R6/155		193.8	193.0	192.9	0.1	0.1
R1/156		79.6	75.4	75.4	0.0	0.0
R2/156		119.4	114.4	114.4	0.0	0.0
R3/156		129.5	124.6	123.9	0.7	0.6
R4/156		161.5	156.6	156.5	0.1	0.1
R5/156		112.5	112.3	112.3	0.0	0.0
R6/156		173.3	168.6	168.6	0.0	0.0

**HUNTLEY STREET  
LONDON  
EXISTING VS PROPOSED**

**SUNLIGHT ANALYSIS**  
**PROPOSED SCHEME 3D PHASE 5 DATED 11/02/15**

FEB 2015

			Window						Room					
			Existing		Proposed				Existing		Proposed			
Room	Window	Room Use	Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter %Loss	Annual %Loss	Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter %Loss	Annual %Loss
70 Huntley Street														
R1/19	W1/19	ASSUMED_NOT	3	26	3	23	0.0	11.5						
R1/19	W2/19	ASSUMED_NOT	0	13	0	9	-	30.8	3	27	3	24	0.0	11.1
R1/20	W1/20		8	34	6	28	25.0	17.6						
R1/20	W2/20		6	32	4	24	33.3	25.0	8	34	6	28	25.0	17.6
R2/20	W3/20	HALL	3	21	1	14	66.7	33.3	3	21	1	14	66.7	33.3
R1/21	W1/21		9	38	8	32	11.1	15.8						
R1/21	W2/21		8	37	7	29	12.5	21.6	9	39	8	33	11.1	15.4
R1/22	W1/22		15	44	10	36	33.3	18.2						
R1/22	W2/22		13	45	8	34	38.5	24.4	15	47	10	39	33.3	17.0
R1/23	W1/23		16	47	10	39	37.5	17.0	16	47	10	39	37.5	17.0
68 Huntley Street														
R1/29	W1/29	ASSUMED_NOT	4	24	3	21	25.0	12.5						
R1/29	W2/29	ASSUMED_NOT	0	10	0	7	-	30.0	4	24	3	21	25.0	12.5
R1/30	W1/30		6	31	4	24	33.3	22.6						
R1/30	W2/30		6	31	4	23	33.3	25.8	6	32	4	25	33.3	21.9
R2/30	W3/30	HALL	3	19	1	10	66.7	47.4	3	19	1	10	66.7	47.4
R1/31	W1/31		7	36	6	27	14.3	25.0						
R1/31	W2/31		8	36	6	25	25.0	30.6	8	38	6	28	25.0	26.3
R1/32	W1/32		12	43	7	29	41.7	32.6						
R1/32	W2/32		12	46	8	32	33.3	30.4	13	47	8	34	38.5	27.7
R1/33	W1/33		15	49	10	37	33.3	24.5	15	49	10	37	33.3	24.5
66 Huntley Street														

**HUNTLEY STREET  
LONDON  
EXISTING VS PROPOSED**

**SUNLIGHT ANALYSIS**  
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FEB 2015

[illegible]

**HUNTLEY STREET  
LONDON  
EXISTING VS PROPOSED**

**SUNLIGHT ANALYSIS**  
**PROPOSED SCHEME 3D PHASE 5 DATED 11/02/15**

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[illegible]

HUNTLEY STREET  
LONDON  
EXISTING VS PROPOSED

SUNLIGHT ANALYSIS  
PROPOSED SCHEME 3D PHASE 5 DATED 11/02/15

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Room	Window	Room Use	Window						Room					
			Existing Winter APSH	Existing Annual APSH	Proposed Winter APSH	Proposed Annual APSH			Existing Winter APSH	Existing Annual APSH	Proposed Winter APSH	Proposed Annual APSH		
R1/79	W1/79	ASSUMED_NOT	5	22	2	16	60.0	27.3						
R1/79	W2/79	ASSUMED_NOT	0	8	0	5	-	37.5	5	23	2	16	60.0	30.4
R1/80	W1/80		7	26	4	19	42.9	26.9						
R1/80	W2/80		9	30	4	20	55.6	33.3	9	30	4	20	55.6	33.3
R2/80	W3/80	HALL	6	20	1	10	83.3	50.0	6	20	1	10	83.3	50.0
R1/81	W1/81		8	34	4	22	50.0	35.3						
R1/81	W2/81		10	36	4	22	60.0	38.9	10	36	4	22	60.0	38.9
R1/82	W1/82		11	42	7	29	36.4	31.0						
R1/82	W2/82		11	42	6	28	45.5	33.3	13	44	7	29	46.2	34.1
R1/83	W1/83		15	51	9	35	40.0	31.4	15	51	9	35	40.0	31.4
56 Huntley Street														
R1/89	W1/89	ASSUMED_NOT	5	26	2	16	60.0	38.5						
R1/89	W2/89	ASSUMED_NOT	0	11	0	5	-	54.5	5	28	2	16	60.0	42.9
R1/90	W1/90		8	30	4	19	50.0	36.7						
R1/90	W2/90		8	32	4	19	50.0	40.6	8	32	4	20	50.0	37.5
R2/90	W3/90	HALL	5	24	0	10	100.0	58.3	5	24	0	10	100.0	58.3
R1/91	W1/91		9	35	5	23	44.4	34.3						
R1/91	W2/91		10	37	4	22	60.0	40.5	11	38	5	23	54.5	39.5
R1/92	W1/92		11	42	6	28	45.5	33.3						
R1/92	W2/92		15	46	7	29	53.3	37.0	15	46	7	29	53.3	37.0
R1/93	W1/93		16	52	9	36	43.8	30.8	16	52	9	36	43.8	30.8
54 Huntley Street														
R1/99	W1/99	ASSUMED_NOT	4	31	2	16	50.0	48.4						

HUNTLEY STREET  
LONDON  
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SUNLIGHT ANALYSIS  
PROPOSED SCHEME 3D PHASE 5 DATED 11/02/15

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Room	Window	Room Use	Window						Room					
			Existing Winter APSH	Existing Annual APSH	Proposed Winter APSH	Proposed Annual APSH			Existing Winter APSH	Existing Annual APSH	Proposed Winter APSH	Proposed Annual APSH		
R1/99	W2/99	ASSUMED_NOT	0	16	0	5	-	68.8	4	32	2	16	50.0	50.0
R1/100	W1/100		8	36	3	18	62.5	50.0						
R1/100	W2/100		7	36	3	18	57.1	50.0	8	37	3	19	62.5	48.6
R2/100	W3/100	HALL	4	27	0	9	100.0	66.7	4	27	0	9	100.0	66.7
R1/101	W1/101		10	40	3	21	70.0	47.5						
R1/101	W2/101		11	42	4	22	63.6	47.6	11	42	4	22	63.6	47.6
R1/102	W1/102		15	47	7	29	53.3	38.3						
R1/102	W2/102		12	45	5	27	58.3	40.0	15	48	7	29	53.3	39.6
R1/103	W1/103		16	52	9	36	43.8	30.8	16	52	9	36	43.8	30.8
52 Huntley Street														
R1/109	W1/109	ASSUMED_NOT	3	33	2	16	33.3	51.5						
R1/109	W2/109	ASSUMED_NOT	0	18	0	5	-	72.2	3	33	2	16	33.3	51.5
R1/110	W1/110		6	38	3	18	50.0	52.6						
R1/110	W2/110		7	39	4	19	42.9	51.3	7	39	4	20	42.9	48.7
R2/110	W3/110	HALL	3	30	0	9	100.0	70.0	3	30	0	9	100.0	70.0
R1/111	W1/111		10	43	4	21	60.0	51.2						
R1/111	W2/111		9	44	4	22	55.6	50.0	10	45	4	22	60.0	51.1
R1/112	W1/112		14	48	6	28	57.1	41.7						
R1/112	W2/112		11	47	5	27	54.5	42.6	14	50	6	28	57.1	44.0
R1/113	W1/113		15	52	7	34	53.3	34.6	15	52	7	34	53.3	34.6
50 Huntley Street														
R1/119	W1/119	ASSUMED_NOT	3	31	2	15	33.3	51.6						
R1/119	W2/119	ASSUMED_NOT	0	18	0	5	-	72.2	3	31	2	15	33.3	51.6

HUNTLEY STREET  
LONDON  
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PROPOSED SCHEME 3D PHASE 5 DATED 11/02/15

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Room	Window	Room Use	Window						Room					
			Existing Winter APSH	Existing Annual APSH	Proposed Winter APSH	Proposed Annual APSH			Existing Winter APSH	Existing Annual APSH	Proposed Winter APSH	Proposed Annual APSH		
R1/120	W1/120	HALL	6	38	4	18	33.3	52.6						
R1/120	W2/120		5	38	4	17	20.0	55.3	6	39	4	18	33.3	53.8
R2/120	W3/120	HALL	2	28	1	8	50.0	71.4	2	28	1	8	50.0	71.4
R1/121	W1/121		9	45	4	22	55.6	51.1						
R1/121	W2/121		8	44	4	21	50.0	52.3	9	46	4	22	55.6	52.2
R1/122	W1/122		11	48	6	28	45.5	41.7						
R1/122	W2/122		11	48	6	28	45.5	41.7	11	48	6	28	45.5	41.7
R1/123	W1/123		14	51	8	35	42.9	31.4	14	51	8	35	42.9	31.4
48 Huntley Street														
R1/129	W1/129	ASSUMED_NOT	2	28	2	13	0.0	53.6						
R1/129	W2/129	ASSUMED_NOT	0	16	0	4	-	75.0	2	28	2	13	0.0	53.6
R1/130	W1/130		5	39	3	17	40.0	56.4						
R1/130	W2/130		6	37	4	16	33.3	56.8	6	41	4	19	33.3	53.7
R2/130	W3/130	HALL	3	27	1	8	66.7	70.4	3	27	1	8	66.7	70.4
R1/131	W1/131		7	43	5	22	28.6	48.8						
R1/131	W2/131		7	41	5	21	28.6	48.8	7	43	5	22	28.6	48.8
R1/132	W1/132		10	46	7	27	30.0	41.3						
R1/132	W2/132		9	47	6	28	33.3	40.4	11	50	7	29	36.4	42.0
R1/133	W1/133		12	49	8	34	33.3	30.6	12	49	8	34	33.3	30.6
46 Huntley Street														
R1/139	W1/139	ASSUMED_NOT	2	24	2	12	0.0	50.0						
R1/139	W2/139	ASSUMED_NOT	0	16	0	5	-	68.8	2	25	2	13	0.0	48.0



**HUNTLEY STREET  
LONDON  
EXISTING VS PROPOSED**

**SUNLIGHT ANALYSIS**  
**PROPOSED SCHEME 3D PHASE 5 DATED 11/02/15**

FEB 2015

			Window						Room					
			Existing		Proposed				Existing		Proposed			
Room	Window	Room Use	Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter %Loss	Annual %Loss	Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter %Loss	Annual %Loss
R1/140	W1/140	HALL	5	32	3	13	40.0	59.4						
R1/140	W2/140		4	33	3	15	25.0	54.5	6	37	4	17	33.3	54.1
R2/140	W3/140		2	26	1	8	50.0	69.2	2	26	1	8	50.0	69.2
R1/141	W1/141		7	41	5	21	28.6	48.8						
R1/141	W2/141		4	36	3	17	25.0	52.8	7	43	5	22	28.6	48.8
R1/142	W1/142		10	46	7	25	30.0	45.7						
R1/142	W2/142		6	40	4	21	33.3	47.5	10	47	7	26	30.0	44.7
R1/143	W1/143		8	44	5	28	37.5	36.4	8	44	5	28	37.5	36.4
31-75 Gordon Mansions														
R1/149	W1/149	ASSUMED_NOT	0	19	0	6	-	68.4	0	19	0	6	-	68.4
R2/149	W2/149	ASSUMED_NOT	0	7	0	7	-	0.0	0	7	0	7	-	0.0
R3/149	W3/149	ASSUMED_NOT	5	18	5	15	0.0	16.7	5	18	5	15	0.0	16.7
R4/149	W4/149	ASSUMED_NOT	2	12	2	11	0.0	8.3	2	12	2	11	0.0	8.3
R5/149	W5/149	ASSUMED_NOT	5	16	5	15	0.0	6.3	5	16	5	15	0.0	6.3
R1/150	W1/150		1	23	1	8	0.0	65.2	1	23	1	8	0.0	65.2
R2/150	W2/150		0	22	0	11	-	50.0	0	22	0	11	-	50.0
R3/150	W4/150		5	22	5	18	0.0	18.2						
R3/150	W5/150		5	20	5	17	0.0	15.0	6	23	6	19	0.0	17.4
R4/150	W3/150		3	16	3	13	0.0	18.8						
R4/150	W6/150	2	13	2	10	0.0	23.1	3	17	3	14	0.0	17.6	
R5/150	W7/150		0	4	0	2	-	50.0						
R5/150	W8/150		5	19	5	17	0.0	10.5						

HUNTLEY STREET  
LONDON  
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PROPOSED SCHEME 3D PHASE 5 DATED 11/02/15

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Room	Window	Room Use	Window						Room					
			Existing Winter APSH	Existing Annual APSH	Proposed Winter APSH	Proposed Annual APSH	Winter %Loss	Annual %Loss	Existing Winter APSH	Existing Annual APSH	Proposed Winter APSH	Proposed Annual APSH	Winter %Loss	Annual %Loss
R5/150	W9/150		2	12	2	12	0.0	0.0	5	20	5	18	0.0	10.0
R1/151	W1/151		1	25	1	9	0.0	64.0	1	25	1	9	0.0	64.0
R2/151	W2/151		4	31	4	19	0.0	38.7						
R2/151	W3/151		5	31	5	20	0.0	35.5	5	33	5	20	0.0	39.4
R3/151	W4/151		0	11	0	4	-	63.6						
R3/151	W5/151		5	25	5	19	0.0	24.0						
R3/151	W6/151		5	24	5	20	0.0	16.7	6	29	6	22	0.0	24.1
R4/151	W7/151		3	20	3	16	0.0	20.0	3	20	3	16	0.0	20.0
R5/151	W8/151		0	5	0	3	-	40.0						
R5/151	W9/151		6	23	6	21	0.0	8.7						
R5/151	W10/151		4	16	4	16	0.0	0.0	7	25	7	23	0.0	8.0
R1/152	W1/152		3	34	2	17	33.3	50.0	3	34	2	17	33.3	50.0
R2/152	W2/152		8	38	7	24	12.5	36.8						
R2/152	W3/152		7	35	7	24	0.0	31.4	8	39	7	25	12.5	35.9
R3/152	W4/152		0	15	0	8	-	46.7						
R3/152	W5/152		7	32	7	26	0.0	18.8						
R3/152	W6/152		7	29	7	25	0.0	13.8	8	35	8	28	0.0	20.0
R4/152	W7/152		5	25	5	21	0.0	16.0	5	25	5	21	0.0	16.0
R5/152	W8/152		0	10	0	8	-	20.0						
R5/152	W9/152		8	30	8	27	0.0	10.0						
R5/152	W10/152		4	21	4	21	0.0	0.0	8	31	8	28	0.0	9.7
R1/153	W1/153		5	39	4	25	20.0	35.9	5	39	4	25	20.0	35.9
R2/153	W2/153		10	47	9	33	10.0	29.8						
R2/153	W3/153		8	44	8	33	0.0	25.0	10	48	9	34	10.0	29.2

HUNTLEY STREET  
LONDON  
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PROPOSED SCHEME 3D PHASE 5 DATED 11/02/15

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Room	Window	Room Use	Window						Room					
			Existing Winter APSH	Existing Annual APSH	Proposed Winter APSH	Proposed Annual APSH			Existing Winter APSH	Existing Annual APSH	Proposed Winter APSH	Proposed Annual APSH		
R3/153	W4/153		0	21	0	13	-	38.1						
R3/153	W5/153		9	41	9	33	0.0	19.5						
R3/153	W6/153		9	38	9	33	0.0	13.2	10	45	10	37	0.0	17.8
R4/153	W7/153		6	33	6	27	0.0	18.2	6	33	6	27	0.0	18.2
R5/153	W8/153		0	15	0	12	-	20.0						
R5/153	W9/153		11	38	11	35	0.0	7.9						
R5/153	W10/153		7	28	7	28	0.0	0.0	11	39	11	36	0.0	7.7
R1/154	W1/154		9	44	7	34	22.2	22.7	9	44	7	34	22.2	22.7
R2/154	W2/154		15	54	13	45	13.3	16.7						
R2/154	W3/154		13	52	12	44	7.7	15.4	16	56	14	47	12.5	16.1
R3/154	W4/154		3	29	3	23	0.0	20.7						
R3/154	W5/154		14	50	14	45	0.0	10.0						
R3/154	W6/154		10	46	10	42	0.0	8.7	14	54	14	48	0.0	11.1
R4/154	W7/154		10	46	10	41	0.0	10.9	10	46	10	41	0.0	10.9
R5/154	W8/154		3	23	3	21	0.0	8.7						
R5/154	W9/154		13	47	13	44	0.0	6.4						
R5/154	W10/154		9	38	9	38	0.0	0.0	14	51	14	49	0.0	3.9
R1/155	W1/155		14	53	12	48	14.3	9.4	14	53	12	48	14.3	9.4
R2/155	W2/155		18	61	16	54	11.1	11.5	18	61	16	54	11.1	11.5
R3/155	W3/155		20	61	18	57	10.0	6.6	20	61	18	57	10.0	6.6
R4/155	W4/155		18	58	18	56	0.0	3.4	18	58	18	56	0.0	3.4
R5/155	W5/155		19	60	19	57	0.0	5.0	19	60	19	57	0.0	5.0
R6/155	W6/155		18	56	18	56	0.0	0.0	18	56	18	56	0.0	0.0

HUNTLEY STREET  
LONDON  
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PROPOSED SCHEME 3D PHASE 5 DATED 11/02/15

FEB 2015

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		
R1/156	W1/156		20	62	19	61	5.0	1.6	20	62	19	61	5.0	1.6
R2/156	W2/156		21	60	19	58	9.5	3.3	21	60	19	58	9.5	3.3
R3/156	W3/156		22	62	20	60	9.1	3.2	22	62	20	60	9.1	3.2
R4/156	W4/156		17	58	17	58	0.0	0.0	17	58	17	58	0.0	0.0
R5/156	W5/156		22	65	22	64	0.0	1.5	22	65	22	64	0.0	1.5
R6/156	W6/156		19	60	19	60	0.0	0.0	19	60	19	60	0.0	0.0

# Appendix C



Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
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**70 Huntley Street**

R1/19	ASSUMED_NOT	W1/19	10.51	9.53	0.98	9.32
R1/19	ASSUMED_NOT	W2/19	9.41	8.69	0.72	7.65
R1/20		W1/20	15.61	14.23	1.38	8.84
R1/20		W2/20	15.67	14.28	1.39	8.87
R2/20	HALL	W3/20	11.55	10.10	1.45	12.55
R1/21		W1/21	18.41	16.31	2.10	11.41
R1/21		W2/21	18.43	16.30	2.13	11.56
R1/22		W1/22	21.43	18.50	2.93	13.67
R1/22		W2/22	21.64	18.53	3.11	14.37
R1/23		W1/23	24.61	20.70	3.91	15.89

**68 Huntley Street**

R1/29	ASSUMED_NOT	W1/29	10.39	9.63	0.76	7.31
R1/29	ASSUMED_NOT	W2/29	8.72	8.03	0.69	7.91
R1/30		W1/30	14.16	13.47	0.69	4.87
R1/30		W2/30	13.35	12.14	1.21	9.06
R2/30	HALL	W3/30	9.06	7.38	1.68	18.54
R1/31		W1/31	17.11	15.33	1.78	10.40
R1/31		W2/31	16.20	13.93	2.27	14.01
R1/32		W1/32	20.79	17.71	3.08	14.81
R1/32		W2/32	20.17	16.43	3.74	18.54
R1/33		W1/33	24.60	19.78	4.82	19.59

**66 Huntley Street**

R1/39	ASSUMED_NOT	W1/39	9.68	8.58	1.10	11.36
R1/39	ASSUMED_NOT	W2/39	8.15	7.18	0.97	11.90
R1/40		W1/40	12.62	10.83	1.79	14.18
R1/40		W2/40	12.54	10.59	1.95	15.55
R2/40	HALL	W3/40	8.80	6.44	2.36	26.82
R1/41		W1/41	15.98	12.97	3.01	18.84
R1/41		W2/41	15.98	12.68	3.30	20.65
R1/42		W1/42	20.14	15.55	4.59	22.79
R1/42		W2/42	20.28	15.28	5.00	24.65
R1/43		W1/43	24.95	18.56	6.39	25.61

**64 Huntley Street**

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R1/49	ASSUMED_NOT	W1/49	9.53	8.12	1.41	14.80
R1/49	ASSUMED_NOT	W2/49	8.13	6.93	1.20	14.76
R1/50		W1/50	12.52	10.34	2.18	17.41
R1/50		W2/50	12.55	10.31	2.24	17.85
R2/50	HALL	W3/50	8.45	5.94	2.51	29.70
R1/51		W1/51	16.06	12.54	3.52	21.92
R1/51		W2/51	16.15	12.56	3.59	22.23
R1/52		W1/52	20.46	15.19	5.27	25.76
R1/52		W2/52	20.59	15.24	5.35	25.98
R1/53		W1/53	25.39	18.42	6.97	27.45
<b>62 Huntley Street</b>						
R1/59	ASSUMED_NOT	W1/59	9.55	8.06	1.49	15.60
R1/59	ASSUMED_NOT	W2/59	8.20	6.96	1.24	15.12
R1/60		W1/60	12.59	10.30	2.29	18.19
R1/60		W2/60	12.62	10.33	2.29	18.15
R2/60	HALL	W3/60	8.99	6.44	2.55	28.36
R1/61		W1/61	16.22	12.60	3.62	22.32
R1/61		W2/61	16.23	12.63	3.60	22.18
R1/62		W1/62	20.69	15.34	5.35	25.86
R1/62		W2/62	20.71	15.42	5.29	25.54
R1/63		W1/63	25.63	18.70	6.93	27.04
R1/63		W2/63	25.64	18.77	6.87	26.79
<b>60 Huntley Street</b>						
R1/69	ASSUMED_NOT	W1/69	9.44	7.99	1.45	15.36
R1/69	ASSUMED_NOT	W2/69	8.21	6.99	1.22	14.86
R1/70		W1/70	12.57	10.32	2.25	17.90
R1/70		W2/70	12.57	10.35	2.22	17.66
R2/70	HALL	W3/70	9.10	6.66	2.44	26.81
R1/71		W1/71	16.21	12.69	3.52	21.71
R1/71		W2/71	16.21	12.74	3.47	21.41
R1/72		W1/72	20.70	15.51	5.19	25.07
R1/72		W2/72	20.70	15.61	5.09	24.59
R1/73		W1/73	25.73	19.05	6.68	25.96
<b>58 Huntley Street</b>						

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R1/79	ASSUMED_NOT	W1/79	9.39	8.05	1.34	14.27
R1/79	ASSUMED_NOT	W2/79	8.25	7.10	1.15	13.94
R1/80		W1/80	12.58	10.42	2.16	17.17
R1/80		W2/80	12.56	10.45	2.11	16.80
R2/80	HALL	W3/80	9.38	7.07	2.31	24.63
R1/81		W1/81	16.22	12.82	3.40	20.96
R1/81		W2/81	16.19	12.86	3.33	20.57
R1/82		W1/82	20.71	15.71	5.00	24.14
R1/82		W2/82	20.69	15.77	4.92	23.78
R1/83		W1/83	25.75	19.27	6.48	25.17
<b>56 Huntley Street</b>						
R1/89	ASSUMED_NOT	W1/89	9.31	8.12	1.19	12.78
R1/89	ASSUMED_NOT	W2/89	8.27	7.17	1.10	13.30
R1/90		W1/90	12.53	10.47	2.06	16.44
R1/90		W2/90	12.50	10.48	2.02	16.16
R2/90	HALL	W3/90	10.92	8.69	2.23	20.42
R1/91		W1/91	16.15	12.89	3.26	20.19
R1/91		W2/91	16.11	12.89	3.22	19.99
R1/92		W1/92	20.65	15.81	4.84	23.44
R1/92		W2/92	20.60	15.83	4.77	23.16
R1/93		W1/93	25.68	19.39	6.29	24.49
<b>54 Huntley Street</b>						
R1/99	ASSUMED_NOT	W1/99	9.22	8.16	1.06	11.50
R1/99	ASSUMED_NOT	W2/99	8.29	7.22	1.07	12.91
R1/100		W1/100	12.45	10.49	1.96	15.74
R1/100		W2/100	12.40	10.48	1.92	15.48
R2/100	HALL	W3/100	10.59	8.47	2.12	20.02
R1/101		W1/101	16.05	12.91	3.14	19.56
R1/101		W2/101	15.97	12.89	3.08	19.29
R1/102		W1/102	20.52	15.84	4.68	22.81
R1/102		W2/102	20.44	15.82	4.62	22.60
R1/103		W1/103	25.49	19.37	6.12	24.01
<b>52 Huntley Street</b>						



Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R1/109	ASSUMED_NOT	W1/109	9.08	8.09	0.99	10.90
R1/109	ASSUMED_NOT	W2/109	8.29	7.24	1.05	12.67
R1/110		W1/110	12.30	10.43	1.87	15.20
R1/110		W2/110	12.23	10.40	1.83	14.96
R2/110	HALL	W3/110	9.23	7.21	2.02	21.89
R1/111		W1/111	15.84	12.83	3.01	19.00
R1/111		W2/111	15.73	12.79	2.94	18.69
R1/112		W1/112	20.27	15.75	4.52	22.30
R1/112		W2/112	20.13	15.70	4.43	22.01
R1/113		W1/113	25.21	19.30	5.91	23.44
<b>50 Huntley Street</b>						
R1/119	ASSUMED_NOT	W1/119	8.90	7.98	0.92	10.34
R1/119	ASSUMED_NOT	W2/119	8.29	7.24	1.05	12.67
R1/120		W1/120	12.09	10.35	1.74	14.39
R1/120		W2/120	11.99	10.28	1.71	14.26
R2/120	HALL	W3/120	7.69	5.85	1.84	23.93
R1/121		W1/121	15.58	12.73	2.85	18.29
R1/121		W2/121	15.36	12.62	2.74	17.84
R1/122		W1/122	19.93	15.63	4.30	21.58
R1/122		W2/122	19.65	15.49	4.16	21.17
R1/123		W1/123	24.68	19.07	5.61	22.73
<b>48 Huntley Street</b>						
R1/129	ASSUMED_NOT	W1/129	8.74	7.89	0.85	9.73
R1/129	ASSUMED_NOT	W2/129	8.11	7.15	0.96	11.84
R1/130		W1/130	11.84	10.22	1.62	13.68
R1/130		W2/130	11.78	10.23	1.55	13.16
R2/130	HALL	W3/130	7.43	5.78	1.65	22.21
R1/131		W1/131	15.20	12.56	2.64	17.37
R1/131		W2/131	15.01	12.51	2.50	16.66
R1/132		W1/132	19.42	15.41	4.01	20.65
R1/132		W2/132	19.13	15.32	3.81	19.92
R1/133		W1/133	23.88	18.69	5.19	21.73
<b>46 Huntley Street</b>						
R1/139	ASSUMED_NOT	W1/139	8.45	7.72	0.73	8.64

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R1/139	ASSUMED_NOT	W2/139	7.81	7.00	0.81	10.37
R1/140		W1/140	11.47	10.06	1.41	12.29
R1/140		W2/140	11.27	9.94	1.33	11.80
R2/140	HALL	W3/140	6.98	5.60	1.38	19.77
R1/141		W1/141	14.65	12.34	2.31	15.77
R1/141		W2/141	14.26	12.13	2.13	14.94
R1/142		W1/142	18.63	15.11	3.52	18.89
R1/142		W2/142	18.11	14.87	3.24	17.89
R1/143		W1/143	22.58	18.07	4.51	19.97
<b>31-75 Gordon Mansions</b>						
R1/149	ASSUMED_NOT	W1/149	8.24	7.45	0.79	9.59
R2/149	ASSUMED_NOT	W2/149	8.04	7.39	0.65	8.08
R3/149	ASSUMED_NOT	W3/149	8.14	7.73	0.41	5.04
R4/149	ASSUMED_NOT	W4/149	7.57	7.21	0.36	4.76
R5/149	ASSUMED_NOT	W5/149	8.56	8.31	0.25	2.92
R1/150		W1/150	10.44	9.10	1.34	12.84
R2/150		W2/150	10.35	9.24	1.11	10.72
R3/150		W4/150	9.82	9.23	0.59	6.01
R3/150		W5/150	9.90	9.87	0.03	0.30
R4/150		W3/150	8.86	8.37	0.49	5.53
R4/150		W6/150	8.87	8.38	0.49	5.52
R5/150		W7/150	10.01	9.21	0.80	7.99
R5/150		W8/150	9.92	9.58	0.34	3.43
R5/150		W9/150	7.86	7.86	0.00	0.00
R1/151		W1/151	13.72	11.56	2.16	15.74
R2/151		W2/151	13.83	12.04	1.79	12.94
R2/151		W3/151	13.47	11.97	1.50	11.14
R3/151		W4/151	10.96	9.31	1.65	15.05
R3/151		W5/151	12.88	11.93	0.95	7.38
R3/151		W6/151	11.83	11.78	0.05	0.42
R4/151		W7/151	11.55	10.84	0.71	6.15
R5/151		W8/151	12.23	11.16	1.07	8.75
R5/151		W9/151	12.45	11.99	0.46	3.69
R5/151		W10/151	9.71	9.71	0.00	0.00

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R1/152		W1/152	17.85	14.58	3.27	18.32
R2/152		W2/152	17.79	15.04	2.75	15.46
R2/152		W3/152	17.19	14.94	2.25	13.09
R3/152		W4/152	13.90	11.60	2.30	16.55
R3/152		W5/152	16.28	14.95	1.33	8.17
R3/152		W6/152	14.25	14.18	0.07	0.49
R4/152		W7/152	14.77	13.83	0.94	6.36
R5/152		W8/152	14.91	13.57	1.34	8.99
R5/152		W9/152	15.60	15.01	0.59	3.78
R5/152		W10/152	12.06	12.06	0.00	0.00
R1/153		W1/153	22.92	18.38	4.54	19.81
R2/153		W2/153	22.74	18.90	3.84	16.89
R2/153		W3/153	21.84	18.78	3.06	14.01
R3/153		W4/153	17.40	14.48	2.92	16.78
R3/153		W5/153	20.57	18.87	1.70	8.26
R3/153		W6/153	17.47	17.38	0.09	0.52
R4/153		W7/153	18.86	17.71	1.15	6.10
R5/153		W8/153	18.27	16.74	1.53	8.37
R5/153		W9/153	19.67	18.98	0.69	3.51
R5/153		W10/153	15.08	15.08	0.00	0.00
R1/154		W1/154	28.14	22.43	5.71	20.29
R2/154		W2/154	27.98	23.14	4.84	17.30
R2/154		W3/154	26.86	23.07	3.79	14.11
R3/154		W4/154	21.53	18.11	3.42	15.88
R3/154		W5/154	25.42	23.41	2.01	7.91
R3/154		W6/154	21.93	21.83	0.10	0.46
R4/154		W7/154	23.76	22.45	1.31	5.51
R5/154		W8/154	22.89	21.23	1.66	7.25
R5/154		W9/154	24.43	23.67	0.76	3.11
R5/154		W10/154	18.97	18.97	0.00	0.00
R1/155		W1/155	32.97	28.35	4.62	14.01
R2/155		W2/155	32.61	28.60	4.01	12.30
R3/155		W3/155	28.57	25.96	2.61	9.14
R4/155		W4/155	31.21	29.66	1.55	4.97
R5/155		W5/155	30.79	29.78	1.01	3.28

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R6/155		W6/155	30.57	30.02	0.55	1.80
R1/156		W1/156	36.20	33.46	2.74	7.57
R2/156		W2/156	35.10	32.84	2.26	6.44
R3/156		W3/156	34.78	32.99	1.79	5.15
R4/156		W4/156	34.36	33.38	0.98	2.85
R5/156		W5/156	35.42	34.80	0.62	1.75
R6/156		W6/156	35.00	34.59	0.41	1.17

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
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**70 Huntley Street**

R1/19	ASSUMED_NC	204.0	153.3	150.6	2.7	1.8
R1/20		204.0	179.6	177.4	2.2	1.2
R2/20	HALL	62.8	47.6	47.7	-0.1	-0.2
R1/21		271.4	225.0	216.3	8.7	3.9
R1/22		271.4	224.2	211.3	12.8	5.7
R1/23		271.4	176.5	158.5	18.1	10.3

**68 Huntley Street**

R1/29	ASSUMED_NC	182.1	111.8	127.9	-16.1	-14.4
R1/30		182.1	131.8	142.8	-11.1	-8.4
R2/30	HALL	50.6	9.1	9.0	0.1	1.1
R1/31		237.2	169.0	170.8	-1.8	-1.1
R1/32		237.2	169.8	167.6	2.2	1.3
R1/33		226.7	158.6	143.1	15.5	9.8

**66 Huntley Street**

R1/39	ASSUMED_NC	181.2	37.0	39.4	-2.4	-6.5
R1/40		181.2	67.8	71.8	-4.0	-5.9
R2/40	HALL	48.3	6.0	2.5	3.6	60.0
R1/41		234.1	117.7	109.9	7.8	6.6
R1/42		234.1	117.3	102.6	14.7	12.5
R1/43		222.4	101.3	82.4	18.8	18.6

**64 Huntley Street**

R1/49	ASSUMED_NC	180.4	28.3	28.1	0.3	1.1
R1/50		180.4	58.0	54.6	3.4	5.9
R2/50	HALL	50.8	6.3	3.1	3.2	50.8
R1/51		235.8	108.0	90.8	17.3	16.0
R1/52		235.8	111.7	85.0	26.7	23.9
R1/53		225.6	83.6	43.4	40.2	48.1

**62 Huntley Street**

R1/59	ASSUMED_NC	179.1	26.4	24.5	1.9	7.2
R1/60		179.1	54.6	49.5	5.1	9.3
R2/60	HALL	52.7	6.6	3.9	2.7	40.9
R1/61		236.5	108.1	85.7	22.4	20.7
R1/62		236.5	112.3	80.3	32.0	28.5
R1/63		201.1	94.9	49.6	45.3	47.7

**60 Huntley Street**

R1/69	ASSUMED_NC	179.5	25.8	22.9	2.9	11.2
R1/70		179.5	54.8	47.7	7.1	13.0

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R2/70	HALL	50.8	6.4	3.6	2.7	42.2
R1/71		234.9	106.0	83.3	22.7	21.4
R1/72		234.9	111.6	78.4	33.1	29.7
R1/73		225.6	104.9	54.8	50.1	47.8

#### 58 Huntley Street

R1/79	ASSUMED_NC	179.0	25.7	22.6	3.1	12.1
R1/80		179.0	54.5	46.4	8.1	14.9
R2/80	HALL	52.2	6.5	3.7	2.8	43.1
R1/81		235.8	105.2	82.8	22.4	21.3
R1/82		235.8	112.0	77.9	34.1	30.4
R1/83		224.9	91.3	34.3	57.0	62.4

#### 56 Huntley Street

R1/89	ASSUMED_NC	178.0	25.4	22.3	3.2	12.6
R1/90		178.0	54.2	44.6	9.5	17.5
R2/90	HALL	53.7	9.6	6.7	2.9	30.2
R1/91		236.3	103.8	82.7	21.1	20.3
R1/92		236.3	112.2	76.8	35.5	31.6
R1/93		226.6	90.3	32.4	57.9	64.1

#### 54 Huntley Street

R1/99	ASSUMED_NC	179.0	25.6	22.4	3.2	12.5
R1/100		179.0	54.6	45.0	9.6	17.6
R2/100	HALL	51.3	8.2	5.5	2.7	32.9
R1/101		234.9	103.4	82.5	21.0	20.3
R1/102		234.9	111.8	75.5	36.3	32.5
R1/103		225.3	82.4	30.0	52.4	63.6

#### 52 Huntley Street

R1/109	ASSUMED_NC	179.2	25.6	22.4	3.2	12.5
R1/110		179.2	54.5	44.9	9.6	17.6
R2/110	HALL	52.0	8.4	5.6	2.8	33.3
R1/111		235.9	103.9	82.8	21.1	20.3
R1/112		235.9	112.3	74.9	37.4	33.3
R1/113		225.9	103.9	50.9	53.0	51.0

#### 50 Huntley Street

R1/119	ASSUMED_NC	180.4	25.9	22.7	3.2	12.4
R1/120		180.4	54.9	45.2	9.7	17.7
R2/120	HALL	49.4	6.2	3.5	2.6	41.9
R1/121		234.3	102.9	81.7	21.3	20.7
R1/122		234.3	111.3	73.6	37.7	33.9
R1/123		224.9	84.6	37.9	46.7	55.2



Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
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#### 48 Huntley Street

R1/129	ASSUMED_NC	181.7	25.9	22.7	3.2	12.4
R1/130		181.7	55.3	46.1	9.2	16.6
R2/130	HALL	48.8	6.1	3.5	2.6	42.6
R1/131		235.1	106.3	82.1	24.2	22.8
R1/132		235.1	111.7	77.0	34.6	31.0
R1/133		225.0	81.4	38.0	43.4	53.3

#### 46 Huntley Street

R1/139	ASSUMED_NC	181.8	25.8	22.7	3.1	12.0
R1/140		181.8	55.0	45.4	9.6	17.5
R2/140	HALL	49.3	6.0	3.4	2.6	43.3
R1/141		235.7	104.6	81.9	22.7	21.7
R1/142		235.7	110.3	76.7	33.6	30.5
R1/143		224.3	92.8	49.7	43.1	46.4

#### 31-75 Gordon Mansions

R1/149	ASSUMED_NC	139.0	33.9	29.1	4.7	13.9
R2/149	ASSUMED_NC	140.4	39.3	30.6	8.8	22.4
R3/149	ASSUMED_NC	165.5	10.2	5.8	4.4	43.1
R4/149	ASSUMED_NC	126.4	8.1	6.6	1.5	18.5
R5/149	ASSUMED_NC	165.5	9.9	7.3	2.5	25.3
R1/150		139.0	48.6	40.9	7.7	15.8
R2/150		140.4	57.9	40.4	17.5	30.2
R3/150		165.5	72.1	71.0	1.2	1.7
R4/150		126.4	41.3	38.0	3.3	8.0
R5/150		165.5	92.0	83.7	8.3	9.0
R1/151		139.0	65.4	50.1	15.3	23.4
R2/151		204.9	130.7	77.9	52.8	40.4
R3/151		165.5	108.3	89.9	18.4	17.0
R4/151		126.4	51.2	47.6	3.6	7.0
R5/151		165.5	110.1	98.0	12.1	11.0
R1/152		139.0	97.7	65.7	31.9	32.7
R2/152		204.9	185.3	102.0	83.3	45.0
R3/152		165.5	137.8	106.3	31.4	22.8
R4/152		126.4	61.7	60.6	1.1	1.8
R5/152		165.5	125.3	109.6	15.7	12.5
R1/153		139.0	124.6	89.9	34.7	27.8
R2/153		204.9	201.2	136.1	65.1	32.4
R3/153		165.5	149.9	134.3	15.6	10.4
R4/153		126.4	81.1	81.1	0.0	0.0
R5/153		165.5	137.0	131.2	5.8	4.2
R1/154		139.0	133.7	129.7	4.0	3.0
R2/154		204.9	204.3	194.7	9.5	4.7
R3/154		165.5	165.4	165.4	0.0	0.0
R4/154		126.4	121.7	121.7	0.0	0.0
R5/154		165.5	165.4	165.4	0.0	0.0

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R1/155		139.0	132.2	132.2	0.0	0.0
R2/155		93.4	93.3	93.3	0.0	0.0
R3/155		83.9	83.0	83.0	0.0	0.0
R4/155		171.5	171.4	171.4	0.0	0.0
R5/155		126.4	126.4	126.4	0.0	0.0
R6/155		193.8	193.0	192.9	0.1	0.1
R1/156		79.6	75.4	75.4	0.0	0.0
R2/156		119.4	114.4	114.4	0.0	0.0
R3/156		129.5	124.6	123.9	0.7	0.6
R4/156		161.5	156.6	156.5	0.1	0.1
R5/156		112.5	112.3	112.3	0.0	0.0
R6/156		173.3	168.6	168.6	0.0	0.0

**HUNTLEY STREET  
LONDON  
FAAPto45500mm VS PROPOSED**

**SUNLIGHT ANALYSIS**  
**PROPOSED SCHEME 3D PHASE 5 DATED 11/02/15**

FEB 2015

			Window						Room					
			Existing		Proposed				Existing		Proposed			
Room	Window	Room Use	Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter %Loss	Annual %Loss	Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter %Loss	Annual %Loss
70 Huntley Street														
R1/19	W1/19	ASSUMED_NOT	3	24	3	23	0.0	4.2						
R1/19	W2/19	ASSUMED_NOT	0	10	0	9	-	10.0	3	25	3	24	0.0	4.0
R1/20	W1/20	HALL	8	34	6	28	25.0	17.6						
R1/20	W2/20		6	31	4	24	33.3	22.6	8	34	6	28	25.0	17.6
R2/20	W3/20		3	19	1	14	66.7	26.3	3	19	1	14	66.7	26.3
R1/21	W1/21		9	36	8	32	11.1	11.1						
R1/21	W2/21		7	35	7	29	0.0	17.1	9	37	8	33	11.1	10.8
R1/22	W1/22		14	43	10	36	28.6	16.3						
R1/22	W2/22		11	43	8	34	27.3	20.9	14	46	10	39	28.6	15.2
R1/23	W1/23		16	47	10	39	37.5	17.0	16	47	10	39	37.5	17.0
68 Huntley Street														
R1/29	W1/29	ASSUMED_NOT	3	20	3	21	0.0	-5.0						
R1/29	W2/29	ASSUMED_NOT	0	7	0	7	-	0.0	3	20	3	21	0.0	-5.0
R1/30	W1/30	HALL	6	28	4	24	33.3	14.3						
R1/30	W2/30		6	27	4	23	33.3	14.8	6	29	4	25	33.3	13.8
R2/30	W3/30		3	14	1	10	66.7	28.6	3	14	1	10	66.7	28.6
R1/31	W1/31		7	33	6	27	14.3	18.2						
R1/31	W2/31		7	31	6	25	14.3	19.4	7	33	6	28	14.3	15.2
R1/32	W1/32		11	42	7	29	36.4	31.0						
R1/32	W2/32		11	43	8	32	27.3	25.6	11	44	8	34	27.3	22.7
R1/33	W1/33		15	49	10	37	33.3	24.5	15	49	10	37	33.3	24.5
66 Huntley Street														

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LONDON  
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**SUNLIGHT ANALYSIS**  
**PROPOSED SCHEME 3D PHASE 5 DATED 11/02/15**

FEB 2015

[illegible]

**HUNTLEY STREET  
LONDON  
FAAPto45500mm VS PROPOSED**

**SUNLIGHT ANALYSIS**  
**PROPOSED SCHEME 3D PHASE 5 DATED 11/02/15**

FEB 2015

[illegible]

HUNTLEY STREET  
LONDON  
FAAPto45500mm VS PROPOSED

SUNLIGHT ANALYSIS  
PROPOSED SCHEME 3D PHASE 5 DATED 11/02/15

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Room	Window	Room Use	Window						Room					
			Existing Winter APSH	Existing Annual APSH	Proposed Winter APSH	Proposed Annual APSH			Existing Winter APSH	Existing Annual APSH	Proposed Winter APSH	Proposed Annual APSH		
R1/79	W1/79	ASSUMED_NOT	3	17	2	16	33.3	5.9						
R1/79	W2/79	ASSUMED_NOT	0	5	0	5	-	0.0	3	17	2	16	33.3	5.9
R1/80	W1/80		5	23	4	19	20.0	17.4						
R1/80	W2/80		5	23	4	20	20.0	13.0	5	23	4	20	20.0	13.0
R2/80	W3/80	HALL	2	14	1	10	50.0	28.6	2	14	1	10	50.0	28.6
R1/81	W1/81		6	28	4	22	33.3	21.4						
R1/81	W2/81		6	28	4	22	33.3	21.4	6	28	4	22	33.3	21.4
R1/82	W1/82		10	40	7	29	30.0	27.5						
R1/82	W2/82		8	38	6	28	25.0	26.3	10	40	7	29	30.0	27.5
R1/83	W1/83		13	49	9	35	30.8	28.6	13	49	9	35	30.8	28.6
56 Huntley Street														
R1/89	W1/89	ASSUMED_NOT	2	16	2	16	0.0	0.0						
R1/89	W2/89	ASSUMED_NOT	0	5	0	5	-	0.0	2	16	2	16	0.0	0.0
R1/90	W1/90		4	22	4	19	0.0	13.6						
R1/90	W2/90		4	22	4	19	0.0	13.6	4	22	4	20	0.0	9.1
R2/90	W3/90	HALL	0	13	0	10	-	23.1	0	13	0	10	-	23.1
R1/91	W1/91		6	28	5	23	16.7	17.9						
R1/91	W2/91		5	27	4	22	20.0	18.5	6	28	5	23	16.7	17.9
R1/92	W1/92		8	38	6	28	25.0	26.3						
R1/92	W2/92		9	39	7	29	22.2	25.6	9	39	7	29	22.2	25.6
R1/93	W1/93		12	48	9	36	25.0	25.0	12	48	9	36	25.0	25.0
54 Huntley Street														
R1/99	W1/99	ASSUMED_NOT	2	16	2	16	0.0	0.0						



HUNTLEY STREET  
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SUNLIGHT ANALYSIS  
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Room	Window	Room Use	Window						Room					
			Existing Winter APSH	Existing Annual APSH	Proposed Winter APSH	Proposed Annual APSH			Existing Winter APSH	Existing Annual APSH	Proposed Winter APSH	Proposed Annual APSH		
R1/99	W2/99	ASSUMED_NOT	0	5	0	5	-	0.0	2	16	2	16	0.0	0.0
R1/100	W1/100		3	21	3	18	0.0	14.3						
R1/100	W2/100		3	21	3	18	0.0	14.3	3	21	3	19	0.0	9.5
R2/100	W3/100	HALL	0	12	0	9	-	25.0	0	12	0	9	-	25.0
R1/101	W1/101		4	26	3	21	25.0	19.2						
R1/101	W2/101		5	27	4	22	20.0	18.5	5	27	4	22	20.0	18.5
R1/102	W1/102		9	39	7	29	22.2	25.6						
R1/102	W2/102		7	37	5	27	28.6	27.0	9	39	7	29	22.2	25.6
R1/103	W1/103		12	48	9	36	25.0	25.0	12	48	9	36	25.0	25.0
52 Huntley Street														
R1/109	W1/109	ASSUMED_NOT	2	16	2	16	0.0	0.0						
R1/109	W2/109	ASSUMED_NOT	0	5	0	5	-	0.0	2	16	2	16	0.0	0.0
R1/110	W1/110		3	21	3	18	0.0	14.3						
R1/110	W2/110		4	22	4	19	0.0	13.6	4	22	4	20	0.0	9.1
R2/110	W3/110	HALL	0	12	0	9	-	25.0	0	12	0	9	-	25.0
R1/111	W1/111		5	27	4	21	20.0	22.2						
R1/111	W2/111		4	26	4	22	0.0	15.4	5	27	4	22	20.0	18.5
R1/112	W1/112		9	39	6	28	33.3	28.2						
R1/112	W2/112		7	37	5	27	28.6	27.0	9	39	6	28	33.3	28.2
R1/113	W1/113		11	47	7	34	36.4	27.7	11	47	7	34	36.4	27.7
50 Huntley Street														
R1/119	W1/119	ASSUMED_NOT	2	15	2	15	0.0	0.0						
R1/119	W2/119	ASSUMED_NOT	0	5	0	5	-	0.0	2	15	2	15	0.0	0.0

HUNTLEY STREET  
LONDON  
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SUNLIGHT ANALYSIS  
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Room	Window	Room Use	Window		Room		Winter %Loss	Annual %Loss	Winter %Loss	Annual %Loss	Winter %Loss	Annual %Loss	Winter %Loss	Annual %Loss
			Existing Winter APSH	Existing Annual APSH	Proposed Winter APSH	Proposed Annual APSH					Existing Winter APSH	Existing Annual APSH	Proposed Winter APSH	Proposed Annual APSH
R1/120	W1/120	HALL	4	20	4	18	0.0	10.0						
R1/120	W2/120		4	20	4	17	0.0	15.0	4	20	4	18	0.0	10.0
R2/120	W3/120	HALL	1	10	1	8	0.0	20.0	1	10	1	8	0.0	20.0
R1/121	W1/121		4	26	4	22	0.0	15.4						
R1/121	W2/121		4	25	4	21	0.0	16.0	4	26	4	22	0.0	15.4
R1/122	W1/122		7	37	6	28	14.3	24.3						
R1/122	W2/122		7	36	6	28	14.3	22.2	7	37	6	28	14.3	24.3
R1/123	W1/123		10	46	8	35	20.0	23.9	10	46	8	35	20.0	23.9
48 Huntley Street														
R1/129	W1/129	ASSUMED_NOT	2	13	2	13	0.0	0.0						
R1/129	W2/129	ASSUMED_NOT	0	4	0	4	-	0.0	2	13	2	13	0.0	0.0
R1/130	W1/130		3	19	3	17	0.0	10.5						
R1/130	W2/130		4	18	4	16	0.0	11.1	4	21	4	19	0.0	9.5
R2/130	W3/130	HALL	1	10	1	8	0.0	20.0	1	10	1	8	0.0	20.0
R1/131	W1/131		5	26	5	22	0.0	15.4						
R1/131	W2/131		5	25	5	21	0.0	16.0	5	26	5	22	0.0	15.4
R1/132	W1/132		8	37	7	27	12.5	27.0						
R1/132	W2/132		6	35	6	28	0.0	20.0	8	38	7	29	12.5	23.7
R1/133	W1/133		9	44	8	34	11.1	22.7	9	44	8	34	11.1	22.7
46 Huntley Street														
R1/139	W1/139	ASSUMED_NOT	2	12	2	12	0.0	0.0						
R1/139	W2/139	ASSUMED_NOT	0	5	0	5	-	0.0	2	13	2	13	0.0	0.0

FEB 2015

			Window						Room					
			Existing		Proposed				Existing		Proposed			
Room	Window	Room Use	Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter %Loss	Annual %Loss	Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter %Loss	Annual %Loss
R1/140	W1/140	HALL	3	15	3	13	0.0	13.3						
R1/140	W2/140		3	16	3	15	0.0	6.3	4	19	4	17	0.0	10.5
R2/140	W3/140		1	9	1	8	0.0	11.1	1	9	1	8	0.0	11.1
R1/141	W1/141		5	24	5	21	0.0	12.5						
R1/141	W2/141		3	20	3	17	0.0	15.0	5	25	5	22	0.0	12.0
R1/142	W1/142		7	33	7	25	0.0	24.2						
R1/142	W2/142		4	29	4	21	0.0	27.6	7	34	7	26	0.0	23.5
R1/143	W1/143		5	37	5	28	0.0	24.3	5	37	5	28	0.0	24.3
31-75 Gordon Mansions														
R1/149	W1/149	ASSUMED_NOT	0	6	0	6	-	0.0	0	6	0	6	-	0.0
R2/149	W2/149	ASSUMED_NOT	0	7	0	7	-	0.0	0	7	0	7	-	0.0
R3/149	W3/149	ASSUMED_NOT	5	15	5	15	0.0	0.0	5	15	5	15	0.0	0.0
R4/149	W4/149	ASSUMED_NOT	2	11	2	11	0.0	0.0	2	11	2	11	0.0	0.0
R5/149	W5/149	ASSUMED_NOT	5	15	5	15	0.0	0.0	5	15	5	15	0.0	0.0
R1/150	W1/150		1	9	1	8	0.0	11.1	1	9	1	8	0.0	11.1
R2/150	W2/150		0	11	0	11	-	0.0	0	11	0	11	-	0.0
R3/150	W4/150		5	18	5	18	0.0	0.0						
R3/150	W5/150		5	17	5	17	0.0	0.0	6	19	6	19	0.0	0.0
R4/150	W3/150		3	13	3	13	0.0	0.0						
R4/150	W6/150	2	10	2	10	0.0	0.0	3	14	3	14	0.0	0.0	
R5/150	W7/150	0	2	0	2	-	0.0							
R5/150	W8/150	5	17	5	17	0.0	0.0							

HUNTLEY STREET  
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PROPOSED SCHEME 3D PHASE 5 DATED 11/02/15

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Room	Window	Room Use	Window						Room					
			Existing Winter APSH	Existing Annual APSH	Proposed Winter APSH	Proposed Annual APSH			Existing Winter APSH	Existing Annual APSH	Proposed Winter APSH	Proposed Annual APSH		
R5/150	W9/150		2	12	2	12	0.0	0.0	5	18	5	18	0.0	0.0
R1/151	W1/151		1	13	1	9	0.0	30.8	1	13	1	9	0.0	30.8
R2/151	W2/151		4	20	4	19	0.0	5.0						
R2/151	W3/151		5	21	5	20	0.0	4.8	5	21	5	20	0.0	4.8
R3/151	W4/151		0	4	0	4	-	0.0						
R3/151	W5/151		5	19	5	19	0.0	0.0						
R3/151	W6/151		5	20	5	20	0.0	0.0	6	22	6	22	0.0	0.0
R4/151	W7/151		3	16	3	16	0.0	0.0	3	16	3	16	0.0	0.0
R5/151	W8/151		0	3	0	3	-	0.0						
R5/151	W9/151		6	21	6	21	0.0	0.0						
R5/151	W10/151		4	16	4	16	0.0	0.0	7	23	7	23	0.0	0.0
R1/152	W1/152		2	24	2	17	0.0	29.2	2	24	2	17	0.0	29.2
R2/152	W2/152		7	28	7	24	0.0	14.3						
R2/152	W3/152		7	27	7	24	0.0	11.1	7	29	7	25	0.0	13.8
R3/152	W4/152		0	10	0	8	-	20.0						
R3/152	W5/152		7	27	7	26	0.0	3.7						
R3/152	W6/152		7	27	7	25	0.0	7.4	8	31	8	28	0.0	9.7
R4/152	W7/152		5	21	5	21	0.0	0.0	5	21	5	21	0.0	0.0
R5/152	W8/152		0	8	0	8	-	0.0						
R5/152	W9/152		8	27	8	27	0.0	0.0						
R5/152	W10/152		4	21	4	21	0.0	0.0	8	28	8	28	0.0	0.0
R1/153	W1/153		4	35	4	25	0.0	28.6	4	35	4	25	0.0	28.6
R2/153	W2/153		9	42	9	33	0.0	21.4						
R2/153	W3/153		8	41	8	33	0.0	19.5	9	44	9	34	0.0	22.7

Room	Window	Room Use	Window						Room					
			Existing Winter APSH	Existing Annual APSH	Proposed Winter APSH	Proposed Annual APSH			Existing Winter APSH	Existing Annual APSH	Proposed Winter APSH	Proposed Annual APSH		
R3/153	W4/153		0	18	0	13	-	27.8						
R3/153	W5/153		9	38	9	33	0.0	13.2						
R3/153	W6/153		9	36	9	33	0.0	8.3	10	42	10	37	0.0	11.9
R4/153	W7/153		6	30	6	27	0.0	10.0	6	30	6	27	0.0	10.0
R5/153	W8/153		0	14	0	12	-	14.3						
R5/153	W9/153		11	37	11	35	0.0	5.4						
R5/153	W10/153		7	28	7	28	0.0	0.0	11	38	11	36	0.0	5.3
R1/154	W1/154		8	43	7	34	12.5	20.9	8	43	7	34	12.5	20.9
R2/154	W2/154		14	53	13	45	7.1	15.1						
R2/154	W3/154		12	51	12	44	0.0	13.7	15	55	14	47	6.7	14.5
R3/154	W4/154		3	29	3	23	0.0	20.7						
R3/154	W5/154		14	50	14	45	0.0	10.0						
R3/154	W6/154		10	46	10	42	0.0	8.7	14	54	14	48	0.0	11.1
R4/154	W7/154		10	46	10	41	0.0	10.9	10	46	10	41	0.0	10.9
R5/154	W8/154		3	23	3	21	0.0	8.7						
R5/154	W9/154		13	47	13	44	0.0	6.4						
R5/154	W10/154		9	38	9	38	0.0	0.0	14	51	14	49	0.0	3.9
R1/155	W1/155		14	53	12	48	14.3	9.4	14	53	12	48	14.3	9.4
R2/155	W2/155		18	61	16	54	11.1	11.5	18	61	16	54	11.1	11.5
R3/155	W3/155		20	61	18	57	10.0	6.6	20	61	18	57	10.0	6.6
R4/155	W4/155		18	58	18	56	0.0	3.4	18	58	18	56	0.0	3.4
R5/155	W5/155		19	60	19	57	0.0	5.0	19	60	19	57	0.0	5.0
R6/155	W6/155		18	56	18	56	0.0	0.0	18	56	18	56	0.0	0.0

HUNTLEY STREET  
LONDON  
FAAPto45500mm VS PROPOSED

SUNLIGHT ANALYSIS  
PROPOSED SCHEME 3D PHASE 5 DATED 11/02/15

FEB 2015

			Window						Room					
			Existing		Proposed				Existing		Proposed			
Room	Window	Room Use	Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter %Loss	Annual %Loss	Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter %Loss	Annual %Loss
R1/156	W1/156		20	62	19	61	5.0	1.6	20	62	19	61	5.0	1.6
R2/156	W2/156		21	60	19	58	9.5	3.3	21	60	19	58	9.5	3.3
R3/156	W3/156		22	62	20	60	9.1	3.2	22	62	20	60	9.1	3.2
R4/156	W4/156		17	58	17	58	0.0	0.0	17	58	17	58	0.0	0.0
R5/156	W5/156		22	65	22	64	0.0	1.5	22	65	22	64	0.0	1.5
R6/156	W6/156		19	60	19	60	0.0	0.0	19	60	19	60	0.0	0.0



# Appendix D





Sources: 3D survey Model 110814  
Proposed Scheme  
140718\_Verified\_views.skp  
Stage\_2\_Sections\_AA\_BB\_REV2.dwg

Key: — Existing  
— Proposed

Project: HUNTLEY STREET (UCLH)  
LONDON

Title: WINDOW LOCATIONS  
HUNTLEY STREET

Point 2 Surveyors Ltd,  
Centric House,  
390 Strand,  
London WC2R 0LT,  
0207 836 5828  
www.point2surveyors.com

Drawn By: DR

Scale: -

Date: SEP 2014

Dwg No: **P149/29**









Sources: 3D survey Model 110814

Proposed Scheme  
140718\_Verified\_views.skp  
Stage\_2\_Sections\_AA\_BB\_REV2.dwg

Key: — Existing  
— Proposed

Project: HUNTLEY STREET (UCLH)  
LONDON

Title: WINDOW LOCATIONS  
HUNTLEY STREET

Point 2 Surveyors Ltd,  
Centric House,  
390 Strand,  
London WC2R 0LT,  
0207 836 5828  
www.point2surveyors.com

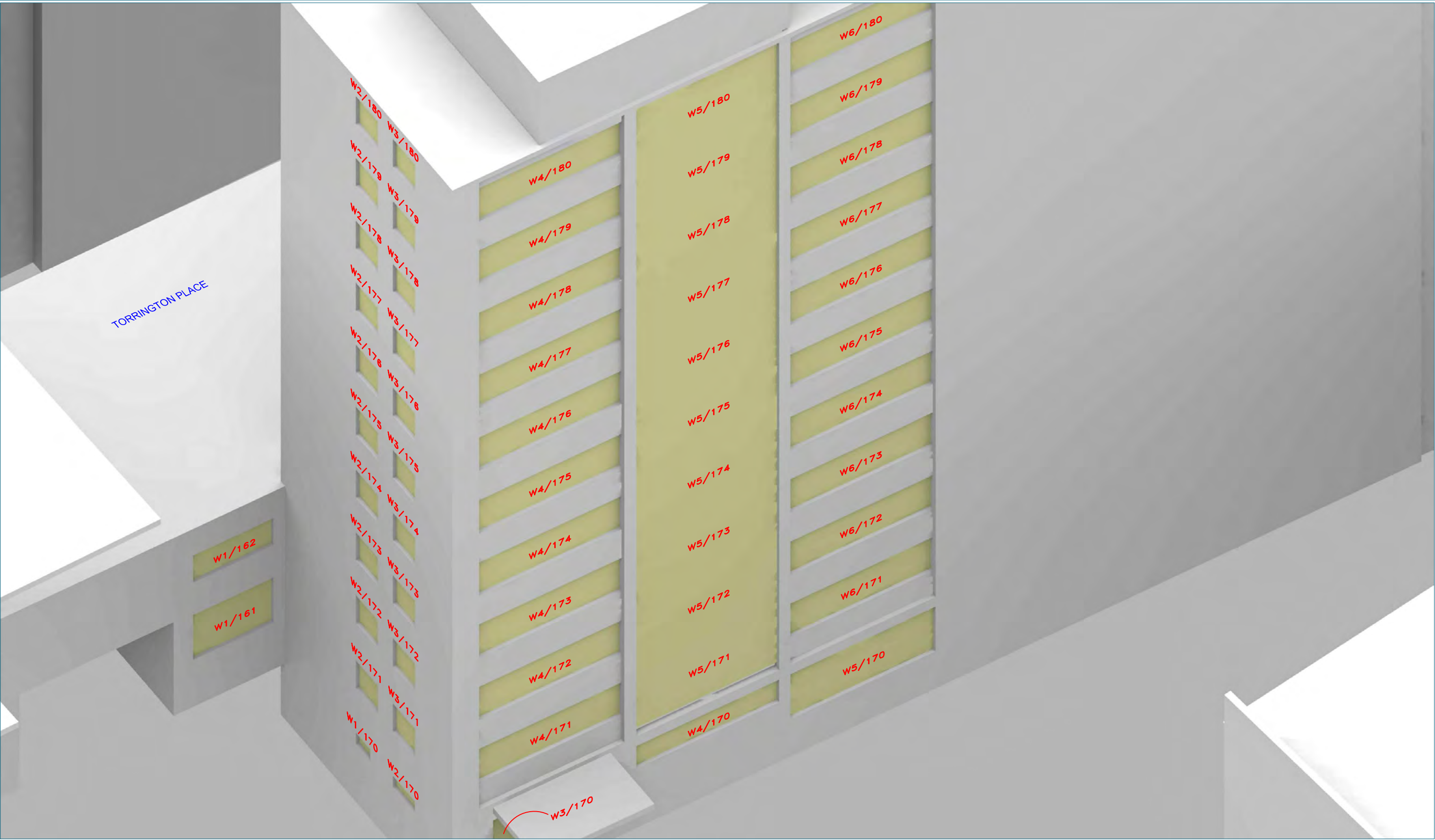
Drawn By: DR

Scale: -

Date: SEP 2014

Dwg No: **P149/31**





Sources: 3D survey Model 110814  
Proposed Scheme  
140718\_Verified\_views.skp  
Stage\_2\_Sections\_AA\_BB\_REV2.dwg

Key: — Existing  
— Proposed

Project: HUNTLEY STREET (UCLH)  
LONDON

Title: WINDOW LOCATIONS  
MULLARD HOUSE

Point 2 Surveyors Ltd,  
Centric House,  
390 Strand,  
London WC2R 0LT,  
0207 836 5828  
[www.point2surveyors.com](http://www.point2surveyors.com)



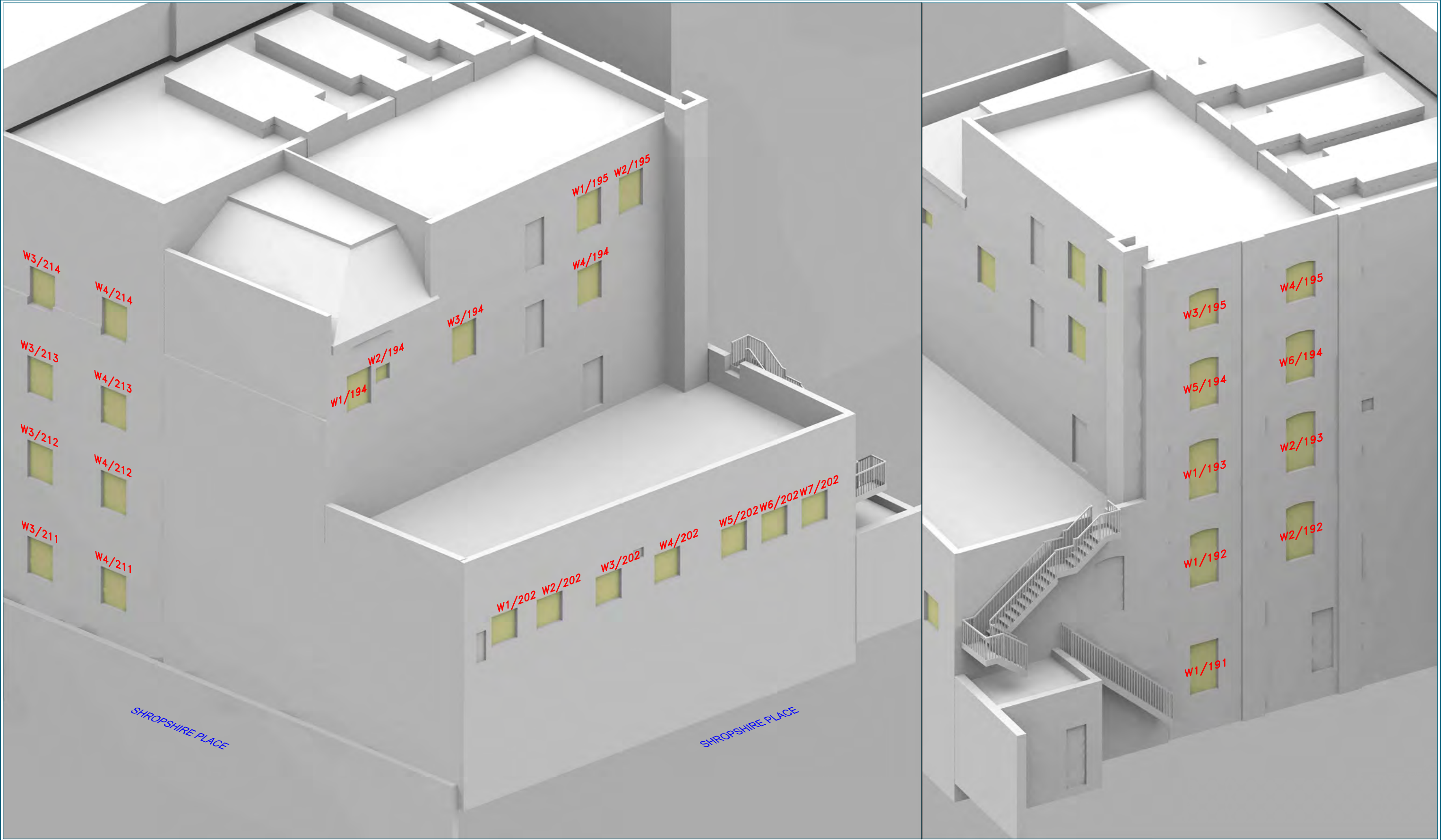
Drawn By: DR

Scale: -

Date: SEP 2014

Dwg No: **P149/32**





Sources: 3D survey Model 110814  
Proposed Scheme  
140718\_Verified\_views.skp  
Stage\_2\_Sections\_AA\_BB\_REV2.dwg

Key: — Existing  
— Proposed

Project: HUNTLEY STREET (UCLH)  
LONDON

Title: WINDOW LOCATIONS  
179A TOTTENHAM COURT ROAD

Point 2 Surveyors Ltd,  
Centric House,  
390 Strand,  
London WC2R 0LT,  
0207 836 5828  
www.point2surveyors.com

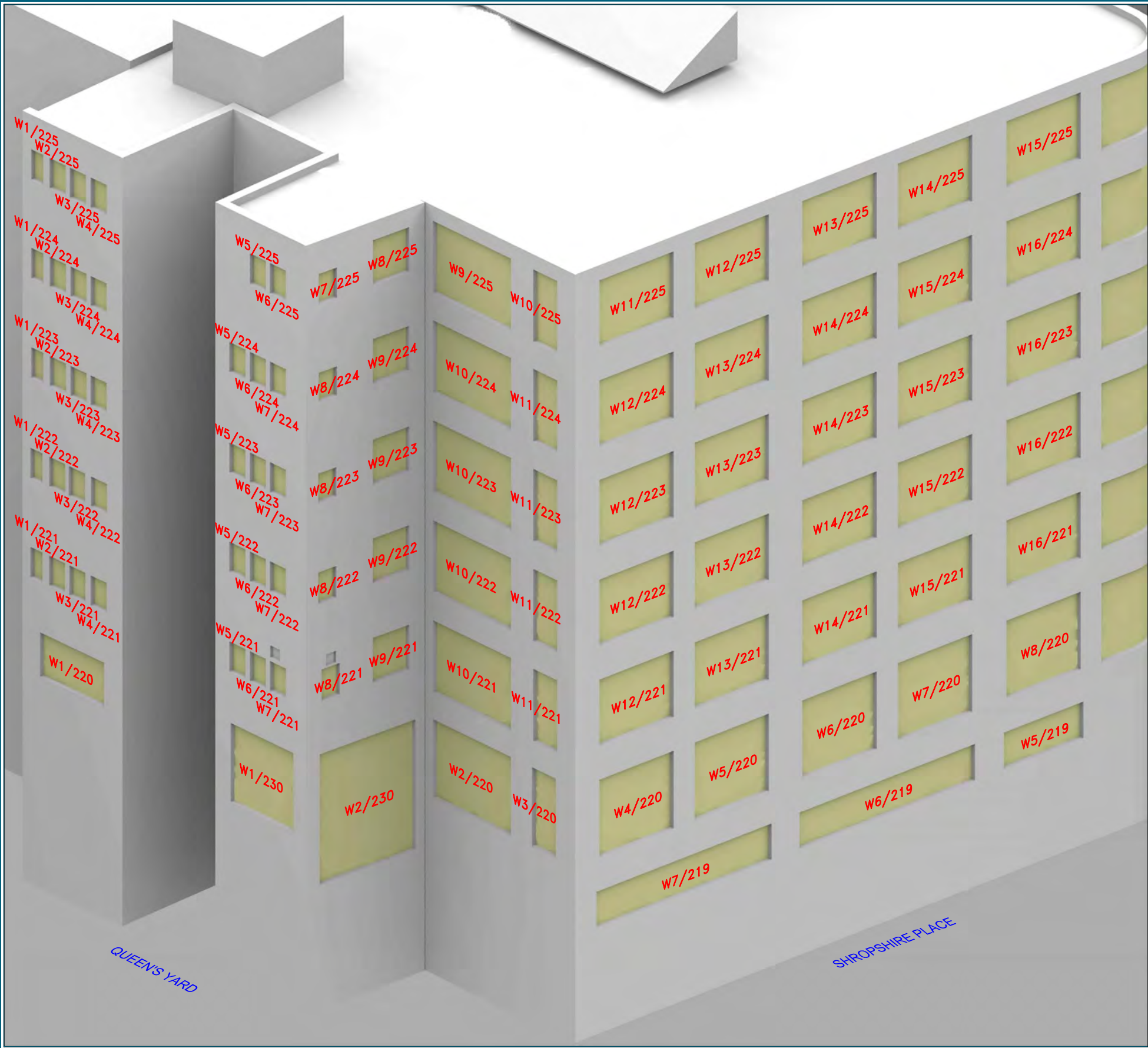
Drawn By: DR

Scale: -

Date: SEP 2014

Dwg No: **P149/33**





Sources: 3D survey Model 110814  
Proposed Scheme  
140718\_Verified\_views.skp  
Stage\_2\_Sections\_AA\_BB\_REV2.dwg

Key: — Existing  
— Proposed

Project: HUNTLEY STREET (UCLH)  
LONDON

Title: WINDOW LOCATIONS  
SHROPSHIRE HOUSE

Point 2 Surveyors Ltd,  
Centric House,  
390 Strand,  
London WC2R 0LT,  
0207 836 5828  
www.point2surveyors.com

Drawn By: DR

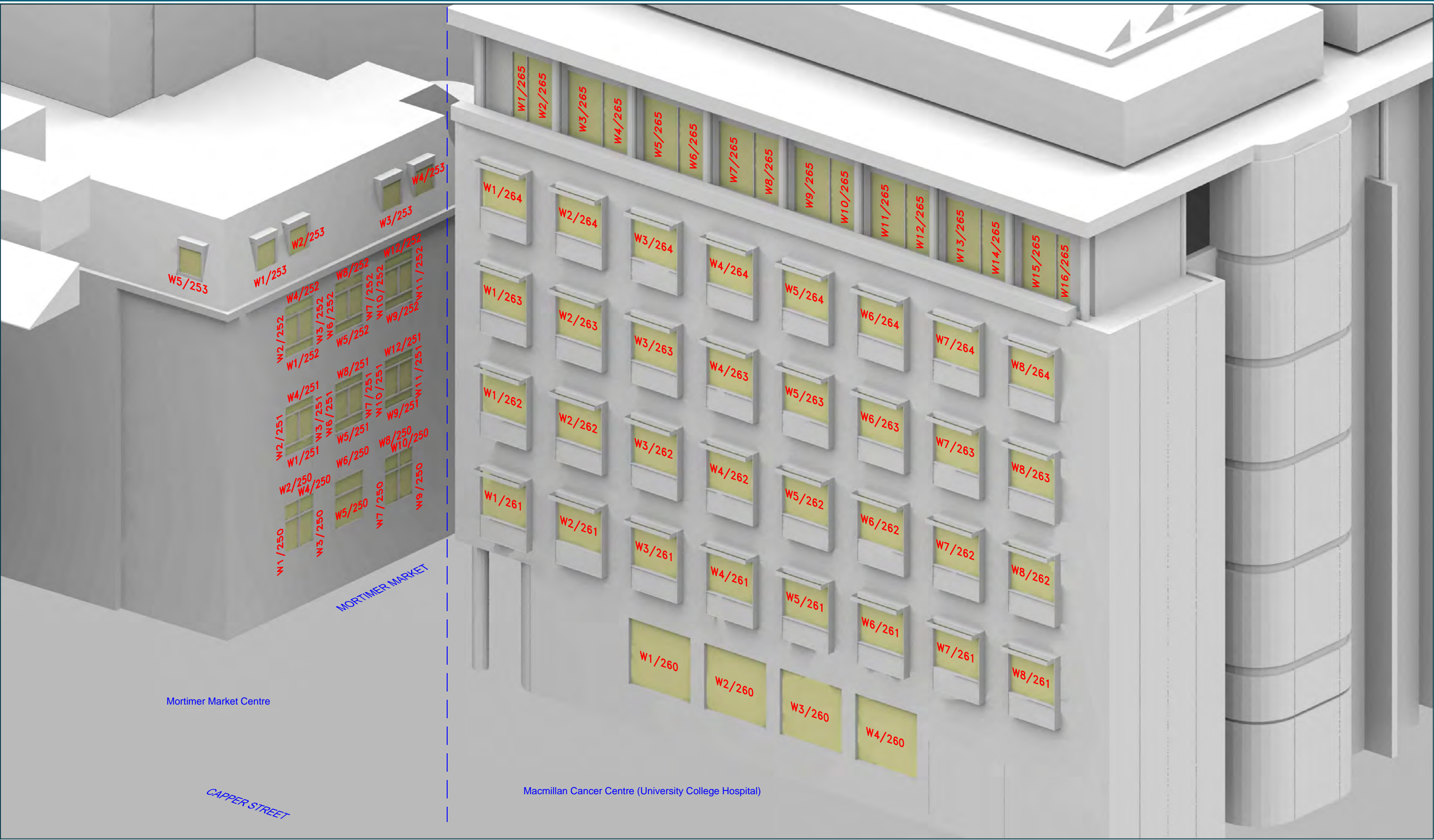
Scale: -

Date: SEP 2014

Dwg No: **P149/34**







Sources: 3D survey Model 110814  
Proposed Scheme  
140718\_Verified\_views.skp  
Stage\_2\_Sections\_AA\_BB\_REV2.dwg

Key: — Existing  
— Proposed

Project: HUNTLEY STREET (UCLH)  
LONDON

Title: WINDOW LOCATIONS  
CAPPER STREET

Point 2 Surveyors Ltd,  
Centric House,  
390 Strand,  
London WC2R 0LT,  
0207 836 5828  
[www.point2surveyors.com](http://www.point2surveyors.com)



Drawn By: DR

Scale: -

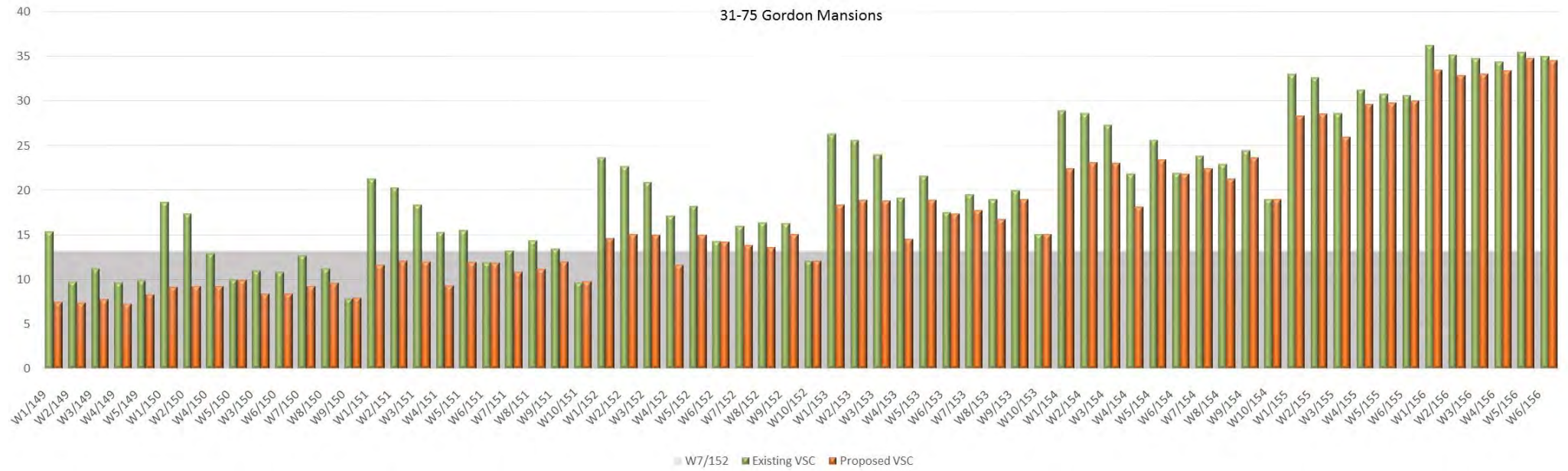
Date: SEP 2014

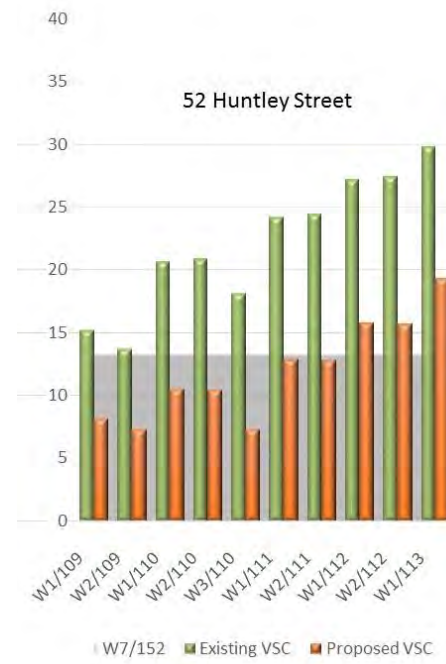
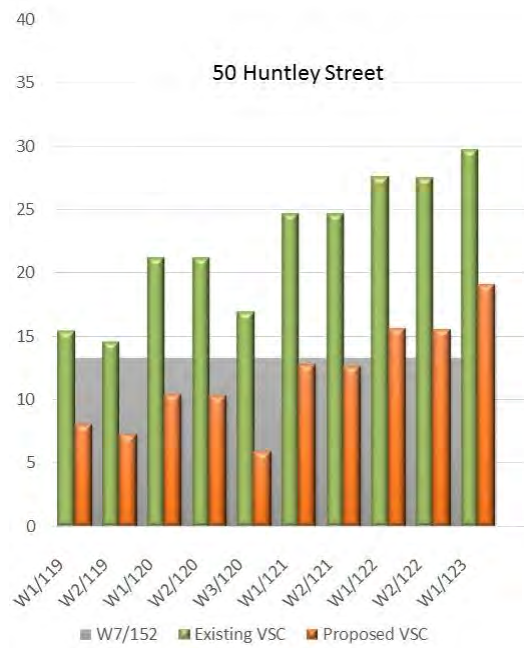
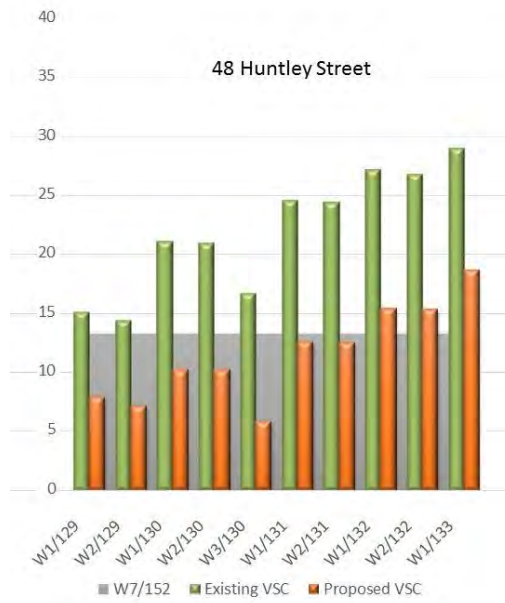
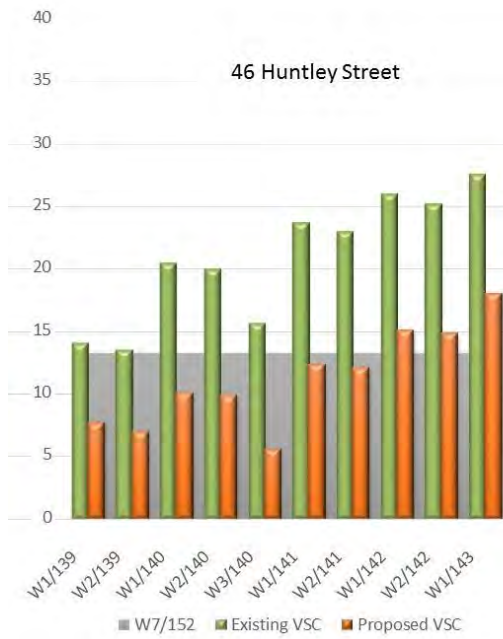
Dwg No: **P149/35**

# Appendix E

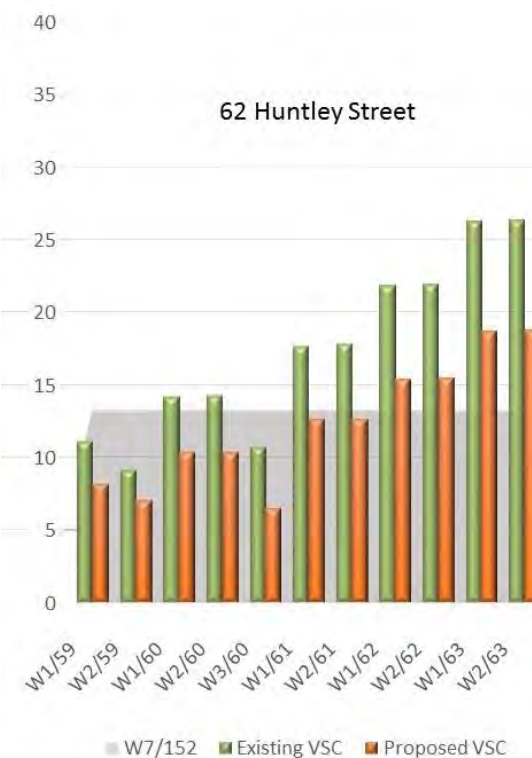
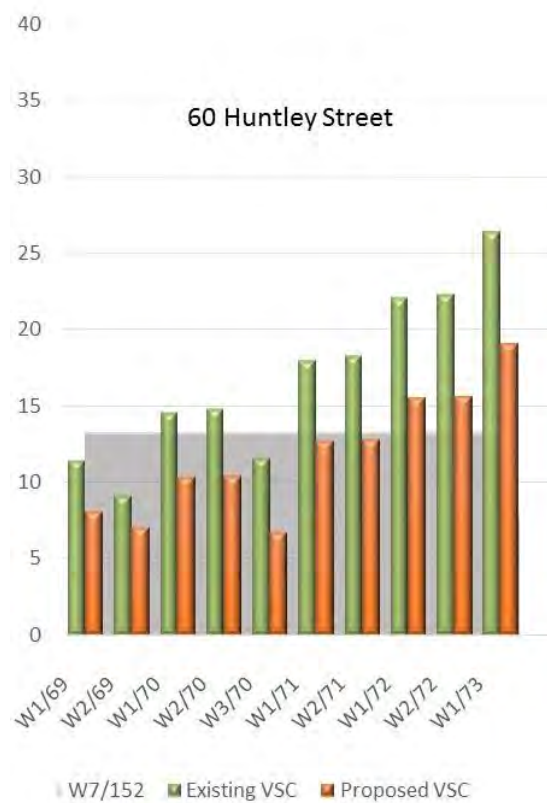
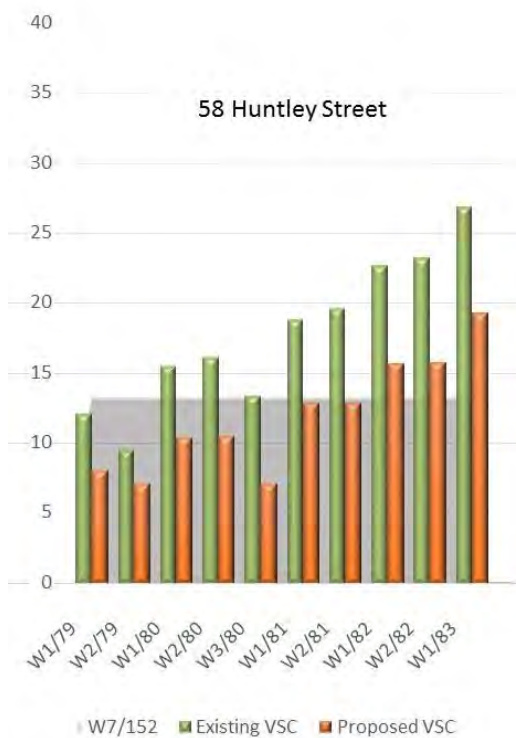
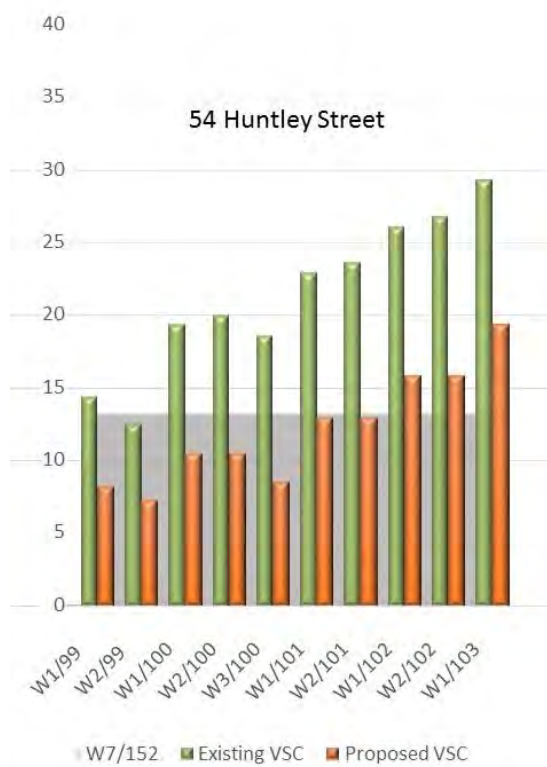


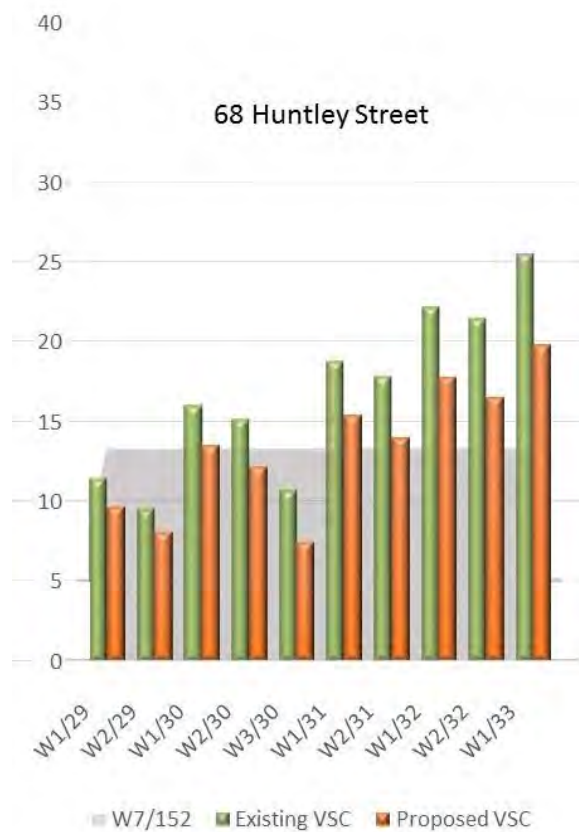
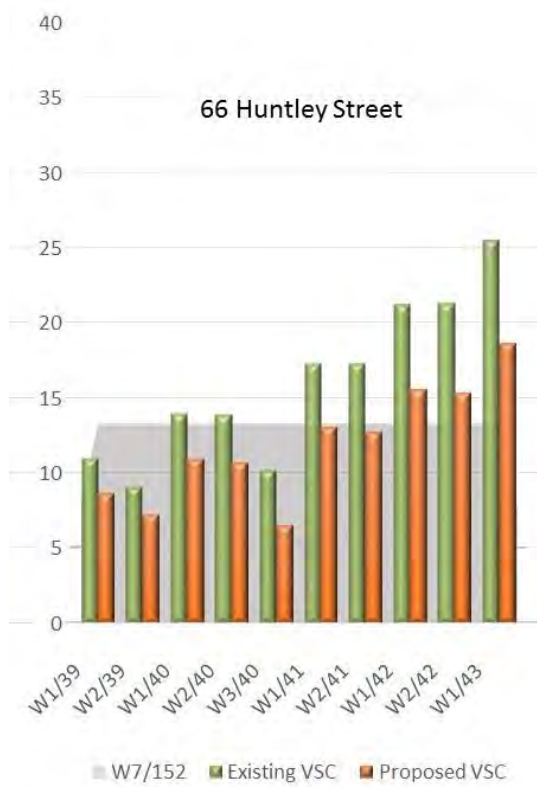
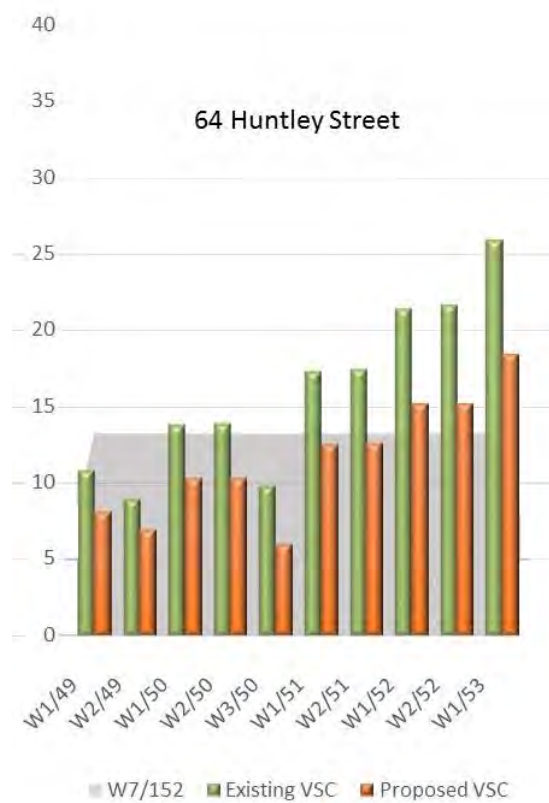
31-75 Gordon Mansions





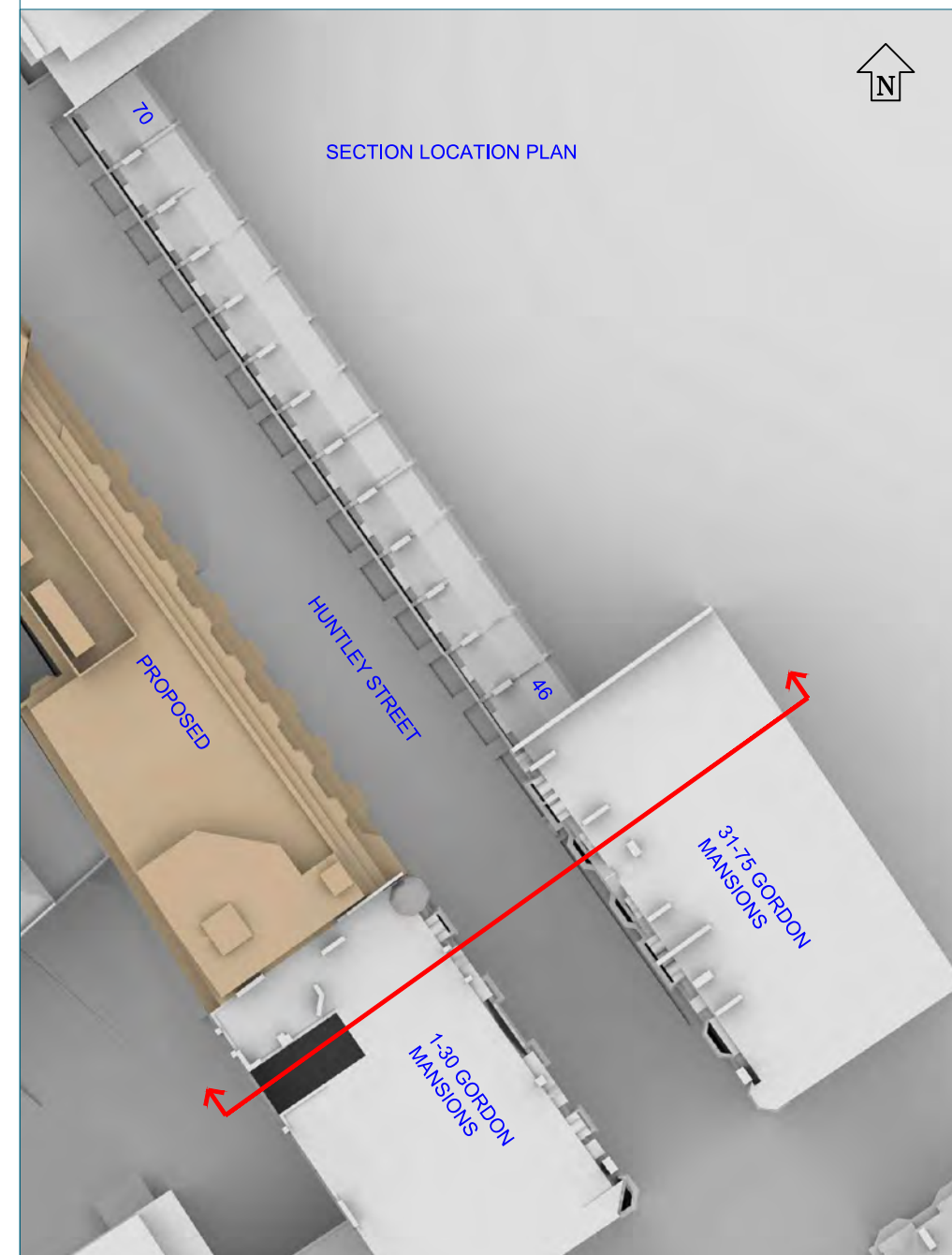
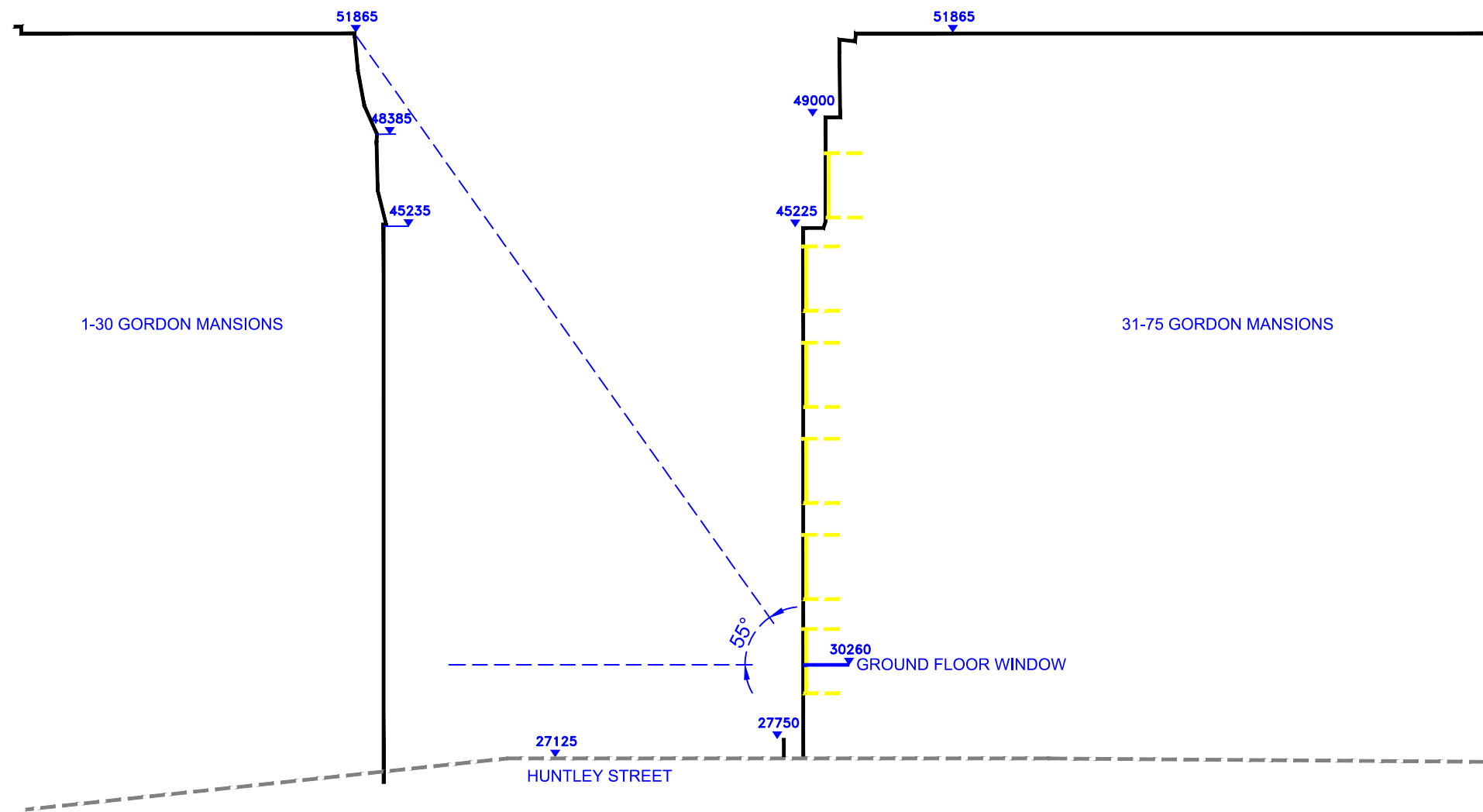






# Appendix F





Sources: 3D survey Model 11/08/14

STEFFIAN BRADLEY ARCHITECTS  
Proposed Scheme 11/02/15  
1433-3d-massing.dwg

Key: — Existing  
— Proposed  
HEIGHTS IN MM AOD

Project: HUNTLEY STREET (UCLH)  
LONDON

Title: SITE SECTION A

Point 2 Surveyors Ltd,  
Centric House,  
390 Strand,  
London WC2R 0LT,  
0207 836 5828  
www.point2surveyors.com

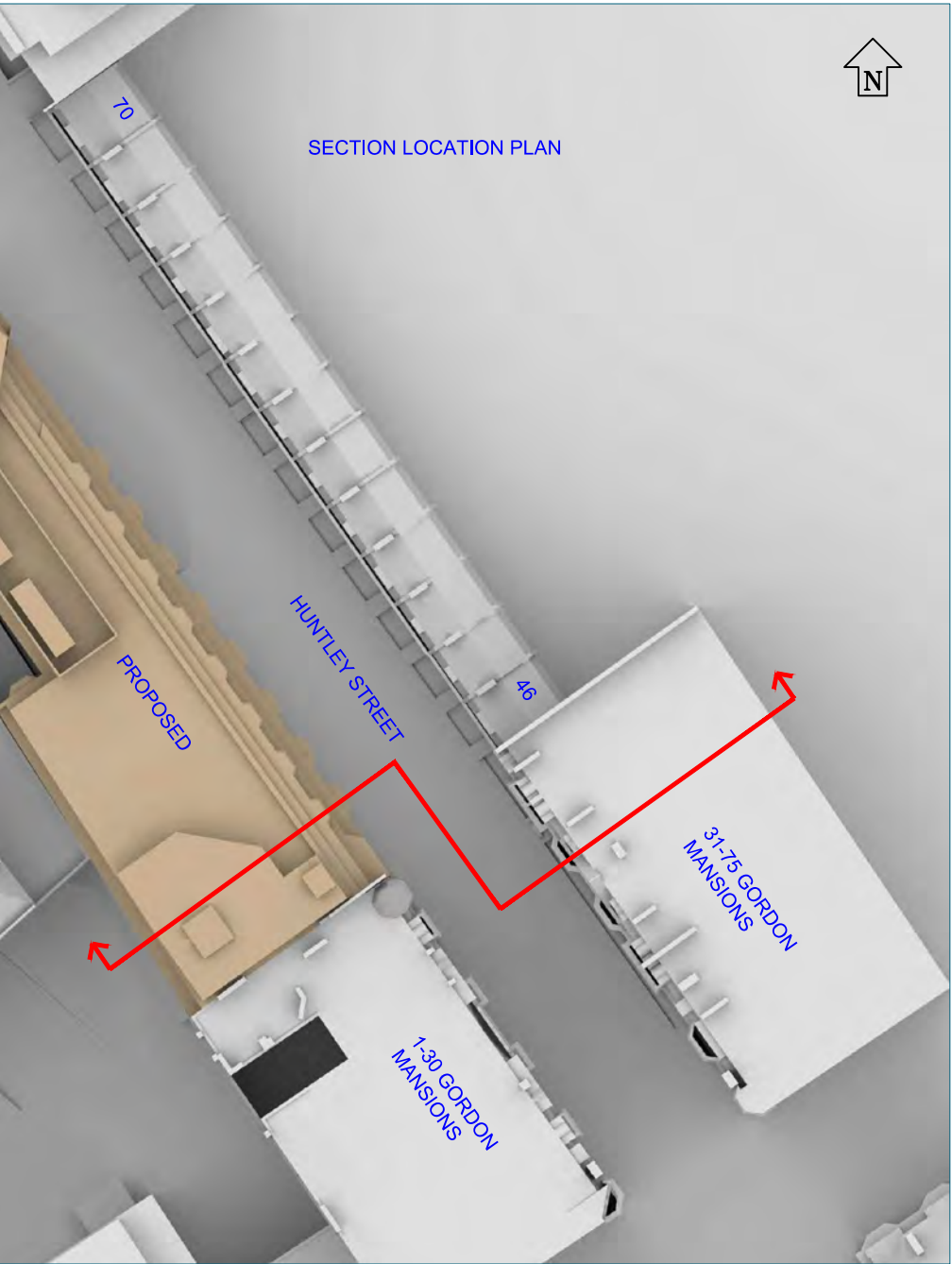
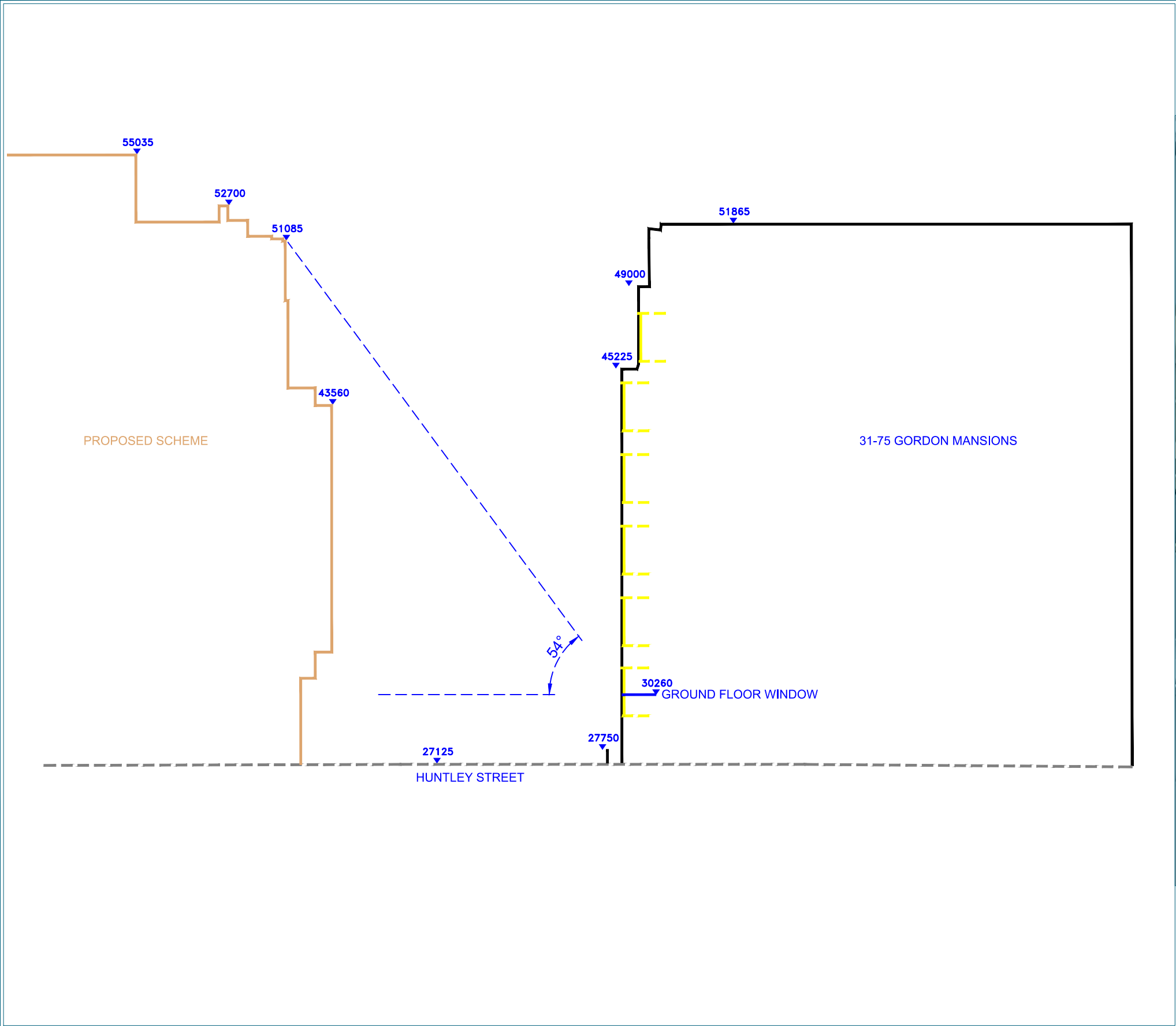
Drawn By: CJ

Scale: 1:200

Date: FEB 2015

Dwg No: **P149/69**





Sources: 3D survey Model 11/08/14

STEFFIAN BRADLEY ARCHITECTS  
Proposed Scheme 11/02/15  
1433-3d-massing.dwg

Key: — Existing  
— Proposed  
HEIGHTS IN MM AOD

Project: HUNTLEY STREET (UCLH)  
LONDON

Title: SITE SECTION B

Point 2 Surveyors Ltd,  
Centric House,  
390 Strand,  
London WC2R 0LT,  
0207 836 5828  
www.point2surveyors.com



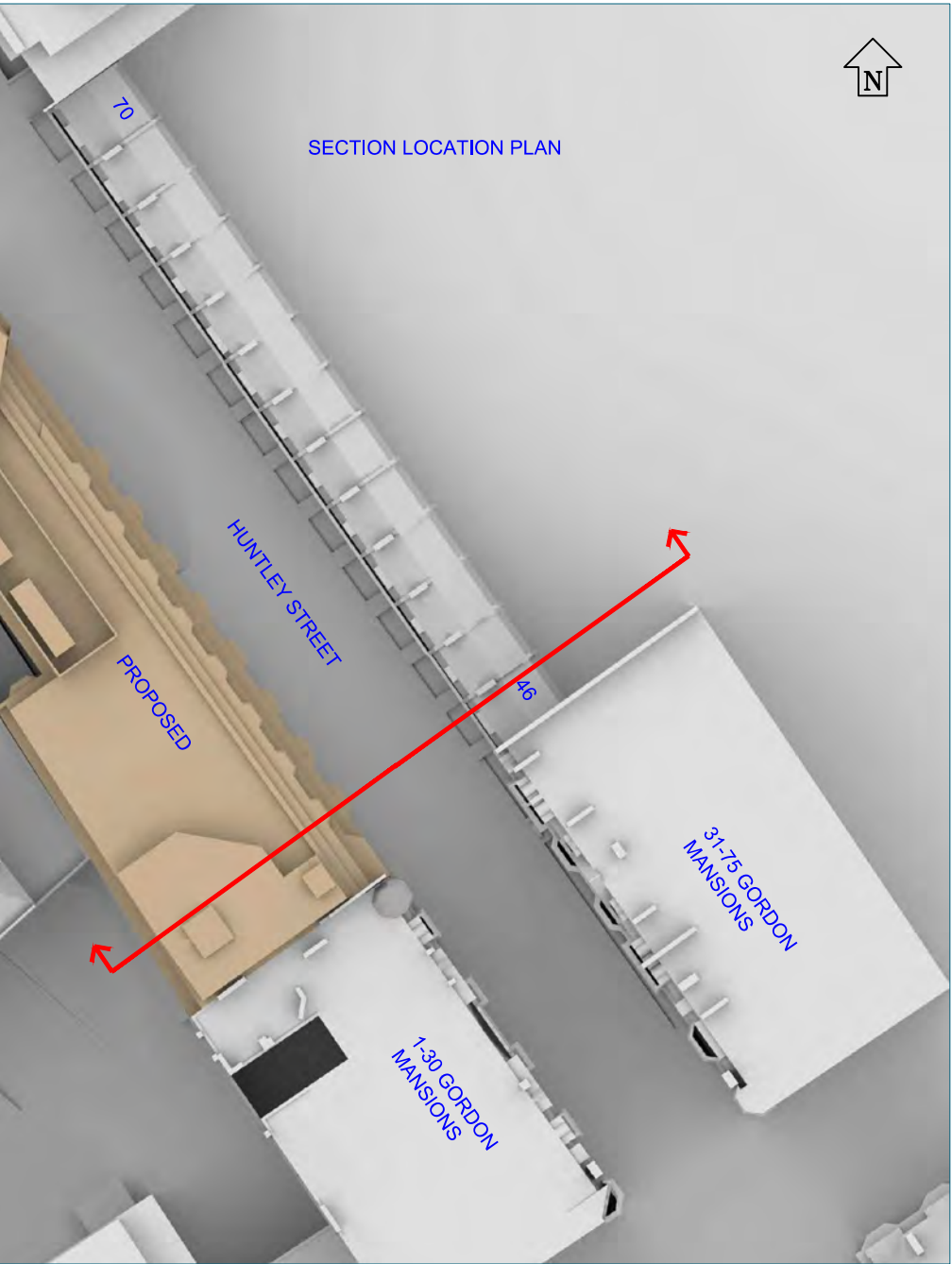
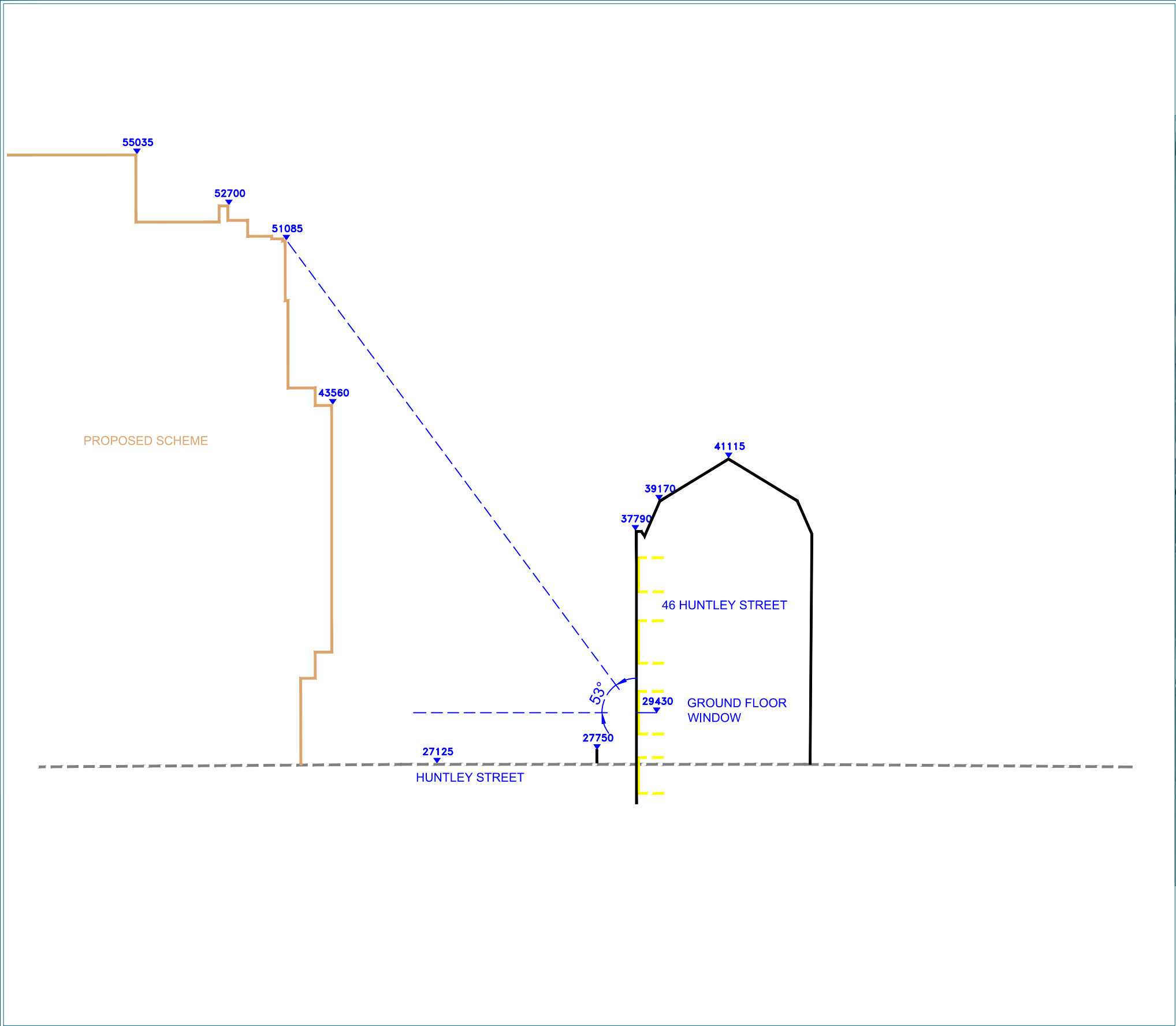
Drawn By: CJ

Scale: 1:200

Date: FEB 2015

Dwg No: **P149/70**





Sources: 3D survey Model 11/08/14

STEFFIAN BRADLEY ARCHITECTS  
Proposed Scheme 11/02/15  
1433-3d-massing.dwg

Key: — Existing  
— Proposed  
HEIGHTS IN MM AOD

Project: HUNTLEY STREET (UCLH)  
LONDON

Title: SITE SECTION C

Point 2 Surveyors Ltd,  
Centric House,  
390 Strand,  
London WC2R 0LT,  
0207 836 5828  
www.point2surveyors.com



Drawn By: CJ

Scale: 1:200

Date: FEB 2015

Dwg No: **P149/71**