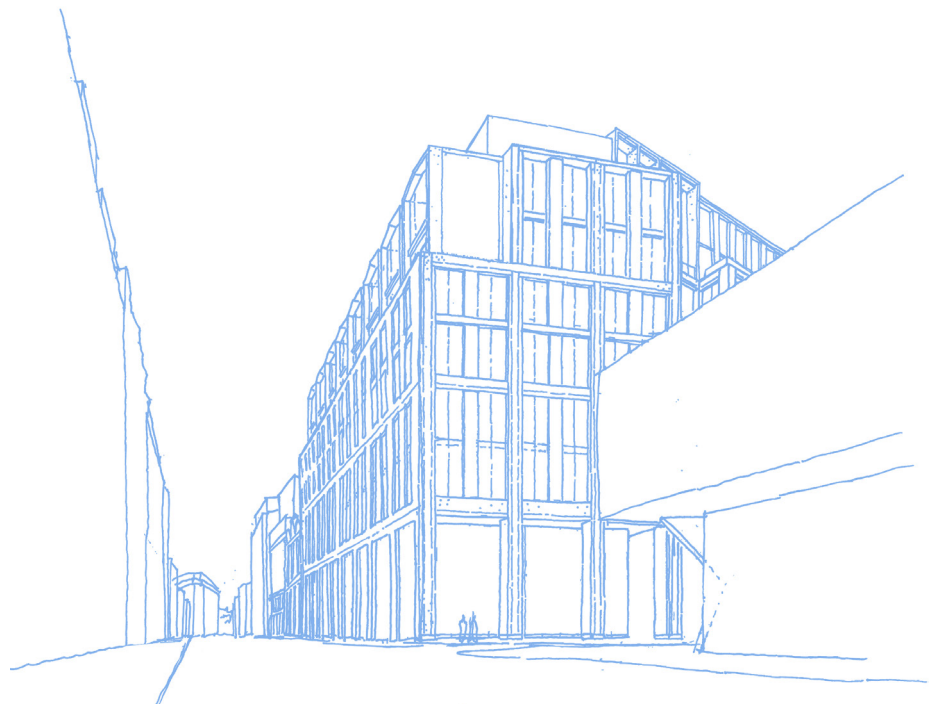


Prepared by Point 2 Surveyors Ltd
On behalf of Royal London Mutual Insurance Society

Daylight & Sunlight Report

Castlewood House & Medius House, WC1A



January 2017



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CASTLEWOOD HOUSE

Daylight and Sunlight Report

Overshadowing

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

Solar Glare • *Daylight Design*

DIRECTOR:	LIAM DUNFORD
CLIENT:	ROYAL LONDON MUTUAL INSURANCE SOCIETY
DATE:	JAN 2017
VERSION:	FINAL
PROJECT:	P796

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Appendices

Appendix A – Drawings

Appendix B – Technical Analysis



1 Introduction

- 1.1 This reports relates to the Robin Partington & Partners Proposed Scheme for the redevelopment of Castlewood House insofar as it affects the daylight and sunlight amenity to the surrounding residential properties. The effect of the Medius House scheme has not been considered as there are no residential receptors impacted by the proposed two storey extension.

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 Guidelines 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 Guidelines. 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 effects of the Proposed Scheme we have constructed a three-dimensional computer model of the site and relevant neighbouring properties. We have then undertaken technical analysis to measure the light received by neighbouring properties both before and after the Proposed Scheme is constructed.

Daylight

- 3.2 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.
- 3.3 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).
- 3.4 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.
- 3.5 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 Guidelines stating that a change up to this extent would remain unnoticeable. The 20% reduction recommendation is also applicable to the NSL values.

Sunlight

3.6 Sunlight is measured using a sun indicator which contains 100 spots, each representing 1% of Annual Probable Sunlight Hours (APSH). Where no obstruction exists the total Annual Probable Sunlight Hours would amount to 1486 hours and therefore each spot equates to 14.86 hours of the total annual sunlight hours.

3.7 British Standard 8206 part 2 (section 5.3) states that:

“Interiors in which the occupants have a reasonable expectation of direct sunlight should receive at least 25% of probable sunlight hours. At least 5% of probable sunlight hours should be received during the winter months, between 21 September and 21 March. Sunlight is taken to enter an interior when it reaches one or more window reference points.”

3.8 When a room has multiple windows, not all may be located southwards and, therefore, they may not meet the target criteria. However, these windows may contribute to the levels of sunlight within the room even if by 1-2% APSH. On this basis the analysis results within this report are presented on a room basis. This is calculated by giving a unique reference to each of the sun spots and totalling the number of unique spots the windows within a room receive for the year and during the winter period. If two windows can see the same sun spot, then this will be counted as one to avoid double counting.

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.”

4 Sources of Information

Point 2 Surveyors	-	Site Photos
Plowman Craven	-	Site Surveys 33246E-01A,33246RoL-01A, 33246RoL-02A, 33246RoL-03A 33246S-01A, 33246S-02A, 33246T-01A
Robin Partington Associates	-	Proposed Scheme Drawings AS_--_GA_CW.dwg



5 Standard Survey Limitations

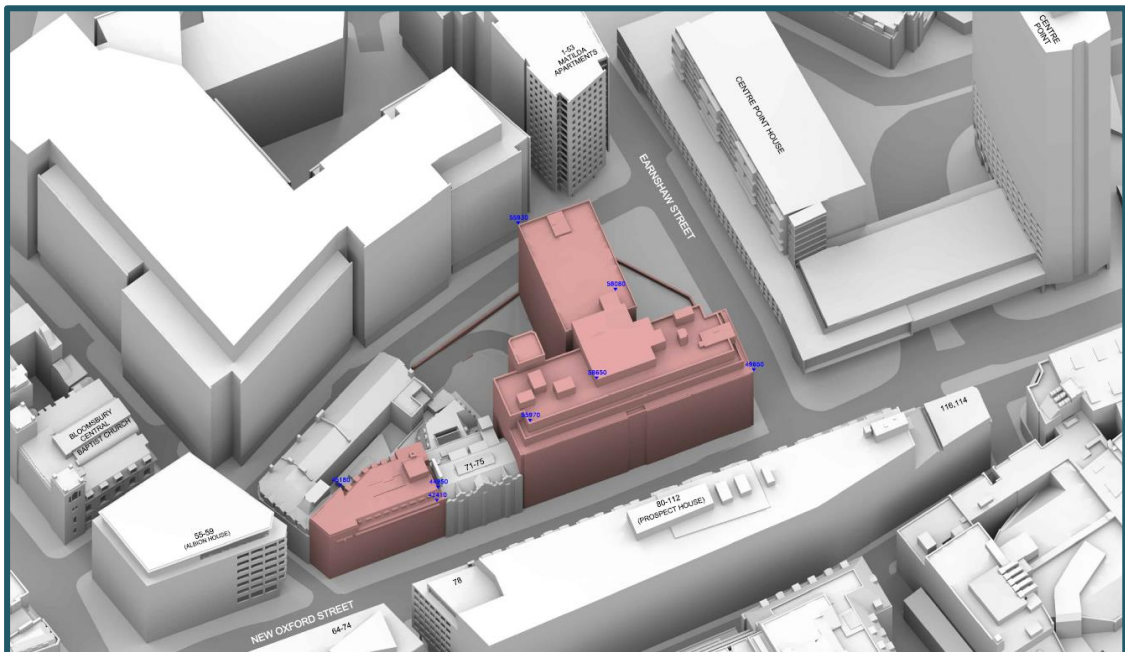
Although we have undertaken as detailed an inspection as possible, we are required by our professional indemnity insurers to notify you that our report is based upon the Standard Terms and Conditions provided along with our fee proposal. Our understanding of the existing massing, including the surrounding context was established from a site visit and aerial photography.

In addition to our standard limitations the following limitations and assumptions also apply.

- Best estimates were made in establishing building use (residential or commercial) and room uses; generally, these were made from external observations and recourse to planning records where available.
- When floor plans of surrounding properties were not available, room depths have been assumed from external observations. Where no indicators of room depth were available a standard of 4m, 6m or 8m depths have been used.
- In accordance with BRE Guidelines¹ balconies, where present have been removed from calculations.

6 The Site

6.1 The site is located in the London Borough of Camden.



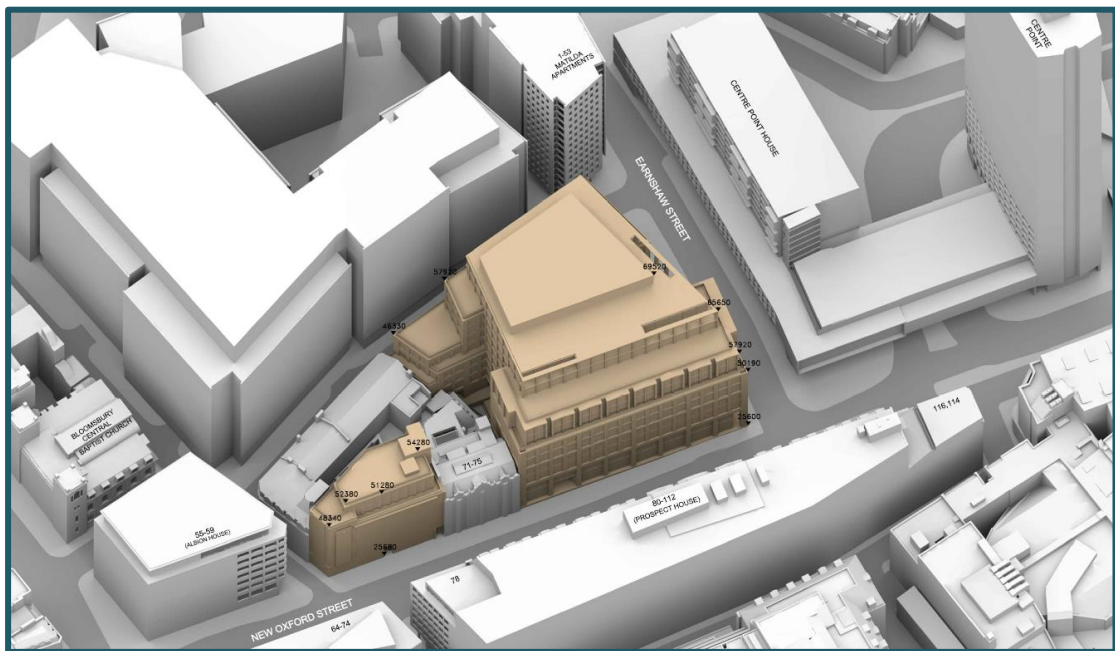
Drawing Number: P796/78 – 3D View – Existing Buildings

6.2 Castlewood House is an existing office (Class B1) building providing 13,099sqm GEA of commercial floorspace over nine storeys. The existing post-war building is predominantly a brown brick facade above a single storey stone plinth. It is solely office use, from lower ground floor (looking out into the sunken courtyards to the rear of the building) to level 08, with the main entrance accessed from New Oxford Street.

¹ BRE Guideline 209 Site Layout & Planning A Guide to Good Practice (2011) Paragraph 2.2.11

- 6.3 Medius House comprises 652sqm GEA of retail (Class A1) at ground floor level and 1,610sqm GEA of office (Class B1) floorspace over five upper floors. The existing interwar building of five storeys, stepping up to six storeys at the junction with Dyott Street. Although of a plainer and heavier architectural style, it shares the rusticated brickwork of its neighbour.
- 6.4 Our understanding of the site location and existing building that occupies the site can be seen within drawings P796/76-78 and can be found within Appendix A.

7 The Proposed Scheme



Drawing Number: P796/84 – 3D View – Proposed Scheme

- 7.1 Our understanding of the proposed scheme is illustrated in drawings P796/82-84 located within Appendix A.
- 7.2 Demolition of the existing building, at Castlewood House, and construction of a replacement ten storey mixed use building, plus ground and two basement levels, including the provision of retail (Class A1 and/or A3) and office (Class B1) floor space. External alterations to Medius House including partial demolition, retention of the existing façade and two floor extension to provide 20 affordable housing units (Class C3), together with associated highway improvements, public realm, landscaping, vehicular and cycle parking, bin storage and other associated works.

8 The Surrounding Properties

8.1 The following surrounding properties contain residential accommodation and, due to their proximity to the development site, have been assessed in terms of the effects of the Proposed Scheme upon their daylight and sunlight amenity:

- Centre Point House
- Centre Point
- 1-53 Matilda Apartments

8.2 The location of these properties can be seen in the drawings within Appendix A.

8.3 Detailed results for each window/room assessed can be found in Appendix B and are summarised below.

Centre Point House

8.4 Located to the south-west of the development site this property appears, from external observation and review of the local council tax registry, to contain residential accommodation.

Daylight

8.5 There are 72 windows serving 72 site facing rooms. 24 windows experience VSC alterations between 20.4% and 27.8% which are minor derogations from BRE Guidelines. The remaining 60 windows are all fully BRE compliant.

8.6 These minor derogations are considered acceptable having regard to the dense urban location the property is located in. BRE Guidelines note that “... *in an area with modern high-rise buildings, a higher degree of obstruction may be unavoidable...*” (BRE Guidelines para 1.6). All of these windows also retain circa 20% VSC which is commensurate, if not better, than many urban-located residential properties.

Sunlight

8.7 All rooms with site facing windows orientated are not orientated within 90 degrees due south and therefore not material for assessment in accord with BRE guidance.

Centre Point

8.8 Located to the west and to the rear of Centre Point House this property is nearing completion and understood to contain some residential accommodation. The property is relatively far away from the development site and we have therefore inserted a number of test-windows on the lower floors of the site facing elevation.



Daylight

- 8.9 There are 83 windows assumed to serve 42 site facing rooms. All windows and associated rooms experience fully BRE compliant alterations in both VSC and NSL; the greatest alteration in VSC being 2.69%.
- 8.10 BRE Guidelines provide that reductions up to 20% will be unnoticeable.

Sunlight

- 8.11 All rooms with site facing windows orientated are not orientated within 90 degrees due south and therefore not material for assessment in accord with BRE Guidelines.

1-53 Matilda Apartments

- 8.12 Located to the south of the development site this property appears, from external observation and review of the local council tax registry, to contain residential accommodation.

Daylight

- 8.13 There are 238 windows serving 70 site facing rooms. The site facing rooms on the west corner of the building each have 5 windows serving the same room. The rooms are dual aspect. 3 of these windows directly face the neighbouring office block and therefore subject to low existing VSC values. The two site facing windows on the north elevation of the building have a tunnel view down Earnshaw Street.
- 8.14 All 5 windows experience actual VSC reductions between 2% and 6% but, as the west facing windows have low existing values, the small actual changes in respect of these windows reflects disproportionately as an overall percentage. The north facing windows experience 22-23% alterations in VSC going up the building, which are minor derogations from BRE Guidelines and considered acceptable owing to the high-rise urban context of the surrounding area. Furthermore, the daylight distribution to these rooms identifies that the greatest change in NSL is an unnoticeable 2.5% and offsets any impression that the daylight amenity to these rooms have been adversely affected.
- 8.15 The windows/rooms located further south and facing directly toward the adjacent offices are subject to abnormally low VSC, NSL and ADF values in the existing situation. There are changes in VSC and NSL methodologies which suggest the reductions exceed BRE Guidelines. The actual changes are, however, no greater than 2-3% VSC, with relative changes in ADF no greater than 0.1%. In reality, these are minimal and should be unnoticeable.

Sunlight

- 8.16 All rooms with site facing windows orientated within 90 degrees due south are fully BRE compliant in terms of any alteration in Annual and Winter Probable Sunlight Hours.
- 8.17 In accord with BRE Guidelines, the occupants will not notice a change in sunlight amenity.



9 Conclusion

Daylight to Surrounding Residential Properties

- 9.1 Full technical analysis indicates that there is a high-level of compliance with BRE Guidelines relating to daylight amenity.
- 9.2 Of the 393 windows analysed across the site, all windows which directly face the site experience either fully BRE compliant alterations in VSC, or a minor derogation from guidance (i.e no reduction greater than 28%).
- 9.3 There are several windows forming part of the western elevation of the Matilda Apartments which are subject to very low baseline values. The actual changes in VSC to these windows are the same (if not less) than the main site facing windows, however, the small actual changes present a disproportionate percentage change and misrepresent the effects of the proposed scheme. Furthermore, when taking into account all windows serving the same room, the changes in daylight distribution (NSL) are unnoticeable.
- 9.4 It is reminded that the BRE Guidelines are predicated on a typically suburban area and therefore a degree of flexibility should be applied when considering an urban site such as this. *"... in an area with modern high-rise buildings, a higher degree of obstruction may be unavoidable..."* (BRE para 1.6).
- 9.5 Overall, the scheme has been designed well to minimise any impacts to the surrounding residential properties.

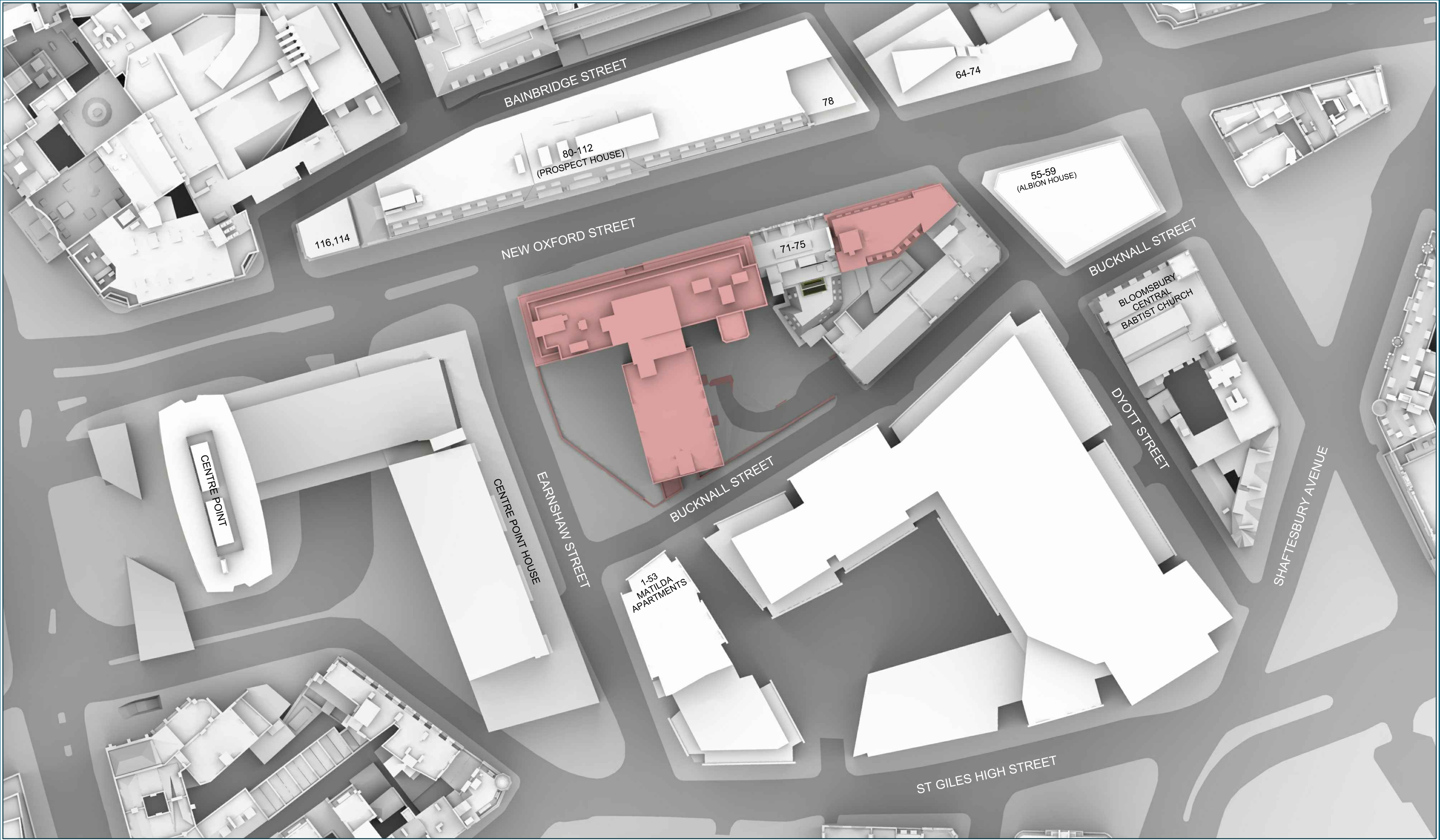
Sunlight to Surrounding Residential Properties

- 9.6 Full technical analysis indicates that all residential properties experience alterations in APSH well-within keeping of the BRE recommendations, meaning the occupants will not notice a change in their existing levels of sunlight.
- 9.7 The proposed scheme demonstrates full compliant with BRE Guidelines in terms of sunlight amenity.

We fully support this planning application in terms of daylight and sunlight amenity



Appendix A – Drawings



Sources: PLOWMAN CRAVEN
Site surveys :-
33246E-01A, 33246RoL-01A, 33246RoL-02A, 33246RoL-03A
33246S-01A, 33246S-02A, 33246T-01A

ROBIN PARTINGTON & PARTNERS
Proposed scheme received 08/04/16
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Proposed scheme received 09/06/16
SK_160427_00.dwg through 07.dwg
AS_--_GA_resi_V02_contemporary_Medius.dwg
Proposed scheme received 15/07/16
PL_100.dwg Series

Key:

Project: CASTLEWOOD HOUSE

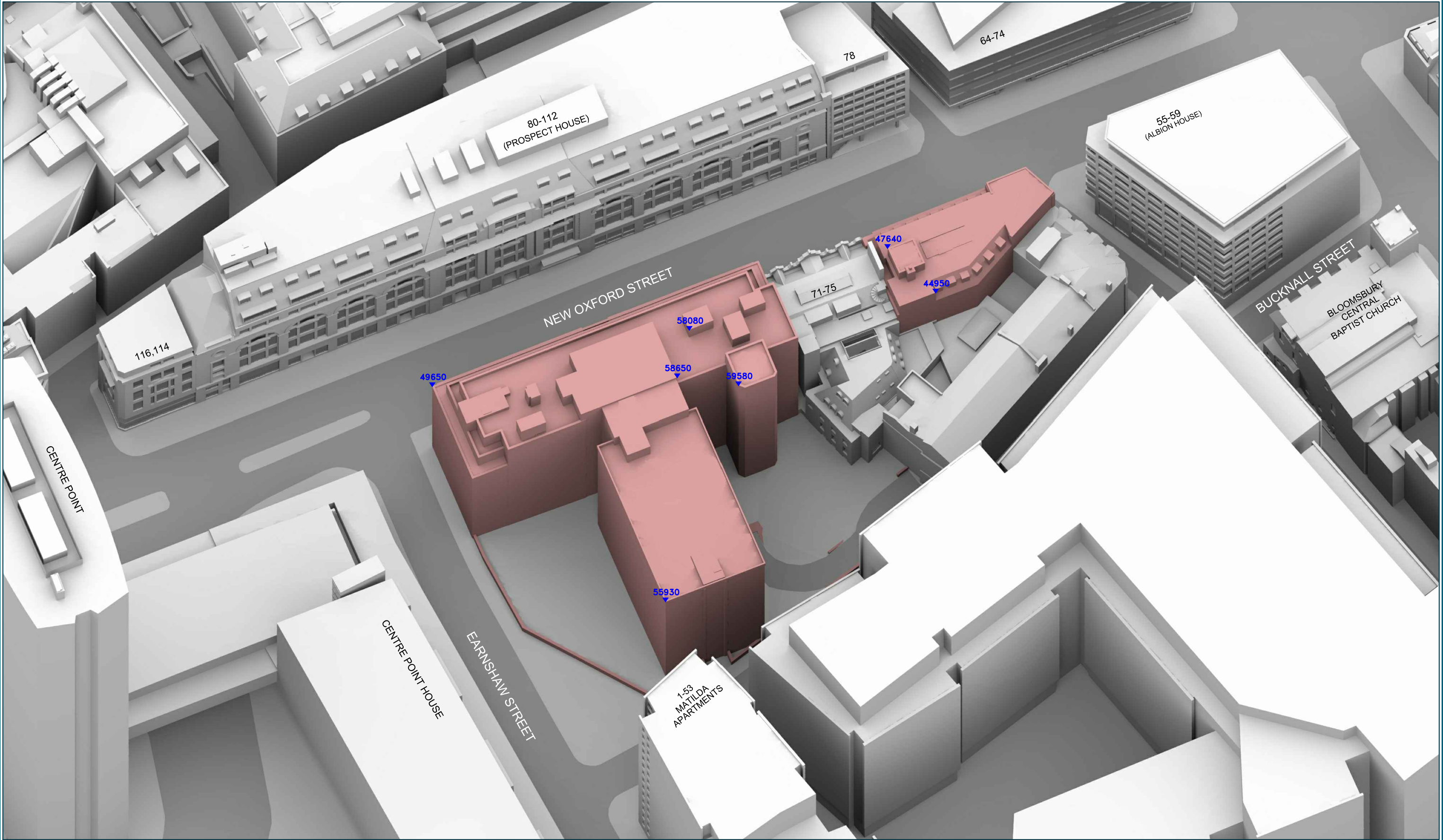
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Title: PLAN VIEW
EXISTING BUILDINGS

Dwg No: **P796/76**

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

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surveyors



Sources: PLOWMAN CRAVEN
Site surveys :-
33246E-01A, 33246RoL-01A, 33246RoL-02A, 33246RoL-03A
33246S-01A, 33246S-02A, 33246T-01A

ROBIN PARTINGTON & PARTNERS
Proposed scheme received 08/04/16
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SK_160427_00.dwg through 07.dwg
AS_--_GA_resi_V02_contemporary_Medius.dwg
Proposed scheme received 15/07/16
PL_100.dwg Series

Key: ALL HEIGHTS IN MM AOD

Project: CASTLEWOOD HOUSE

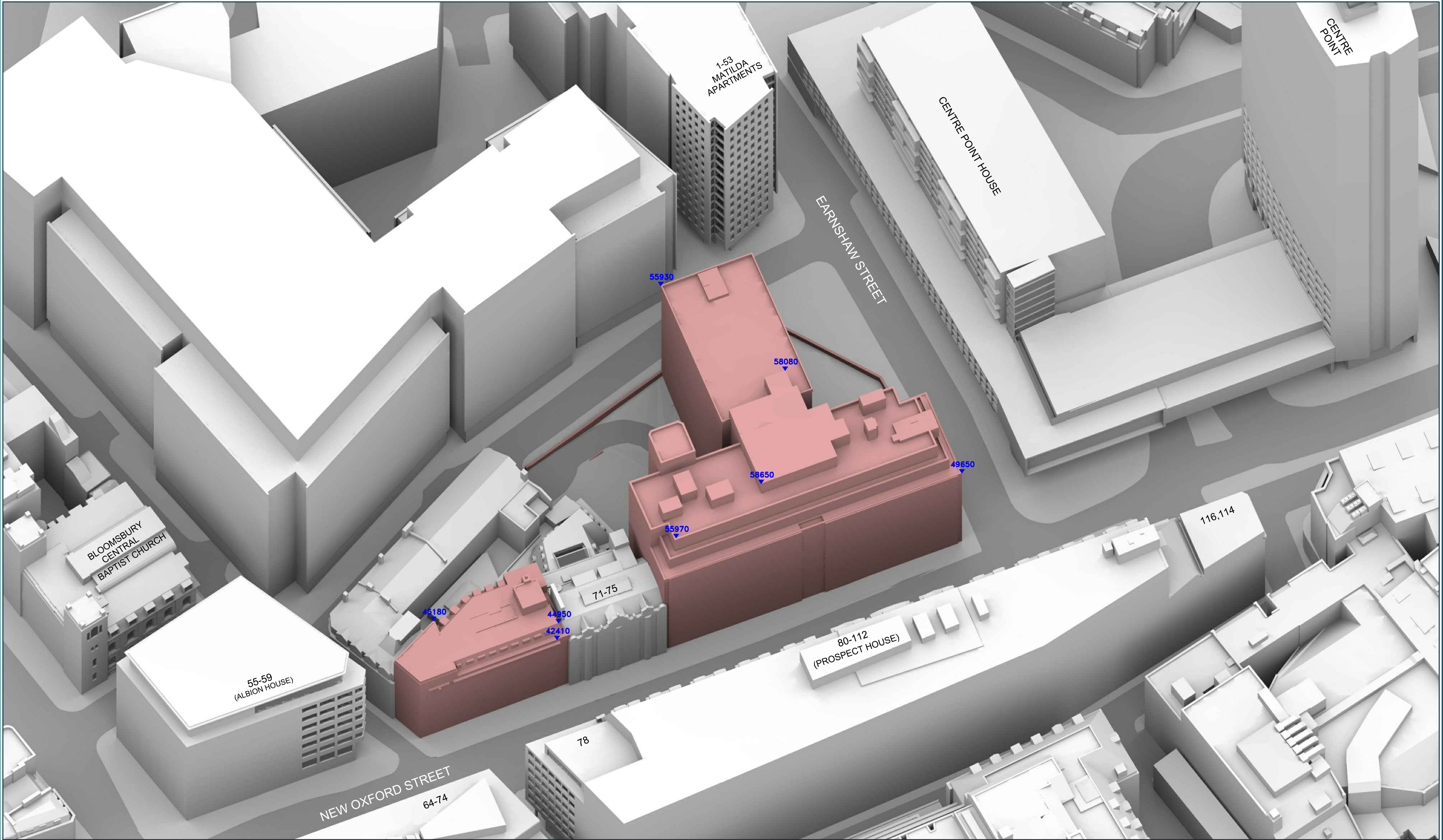
Drawn By: BW Scale: NTS Date: AUG 16

Title: 3D VIEW
EXISTING BUILDINGS

Dwg No: **P796/77**

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Sources: PLOWMAN CRAVEN
Site surveys :-
33246E-01A, 33246RoL-01A, 33246RoL-02A, 33246RoL-03A
33246S-01A, 33246S-02A, 33246T-01A

ROBIN PARTINGTON & PARTNERS
Proposed scheme received 08/04/16
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Proposed scheme received 09/06/16
SK_160427_00.dwg through 07.dwg
AS_--_GA_resi_V02_contemporary_Medius.dwg
Proposed scheme received 15/07/16
PL_100.dwg Series

Key: ALL HEIGHTS IN MM AOD

Project: CASTLEWOOD HOUSE

Title: 3D VIEW
EXISTING BUILDINGS

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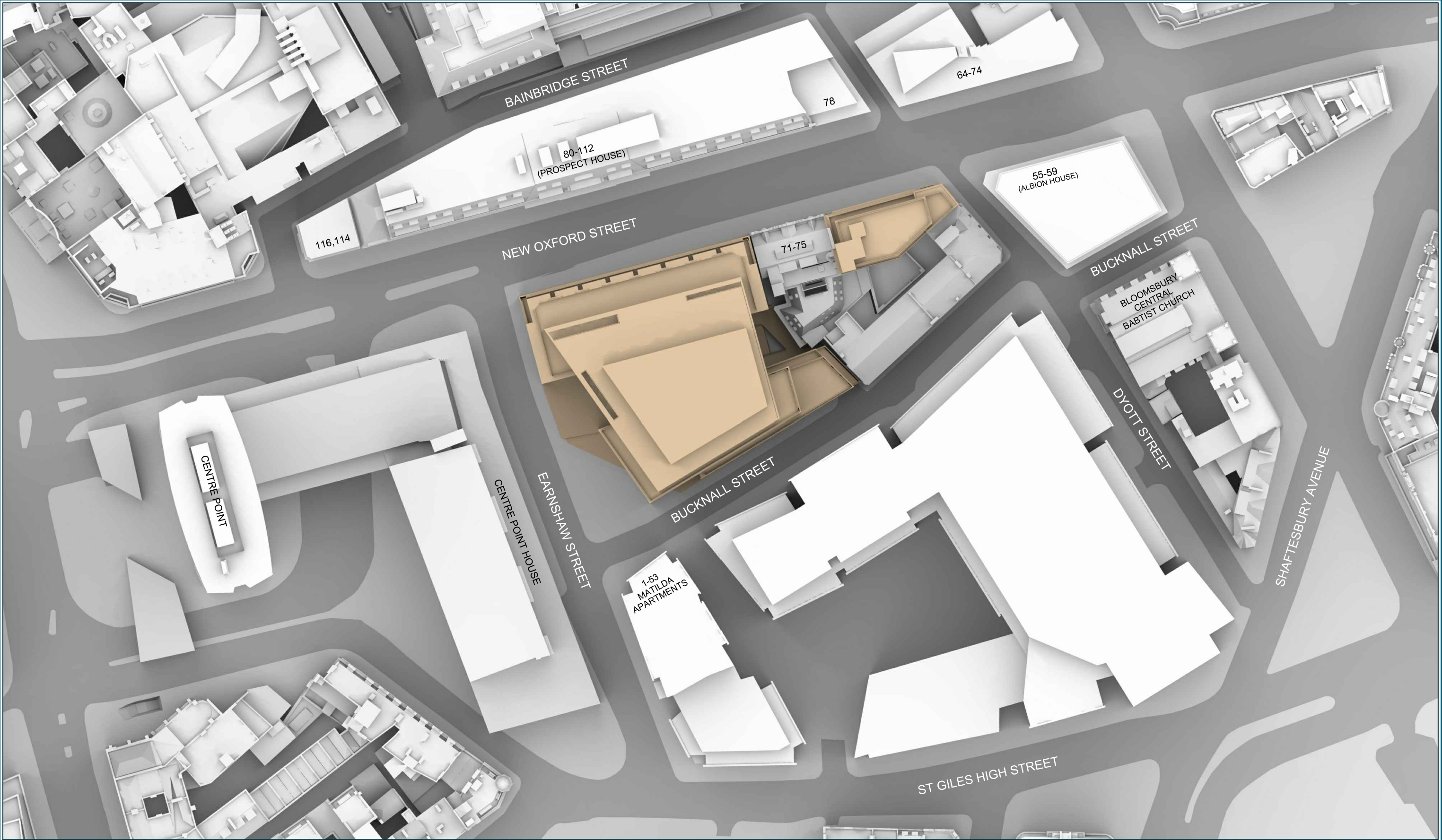
Drawn By: BW

Scale: NTS

Date: AUG 16

Dwg No:

P796/78



Sources: PLOWMAN CRAVEN
Site surveys :-
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33246S-01A, 33246S-02A, 33246T-01A

ROBIN PARTINGTON & PARTNERS
Proposed Scheme received 03/11/16
AS_-_GA_CW.dwg

Key:

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N

Project: CASTLEWOOD HOUSE

Title: SITE PLAN
PROPOSED SCHEME 03/11/16

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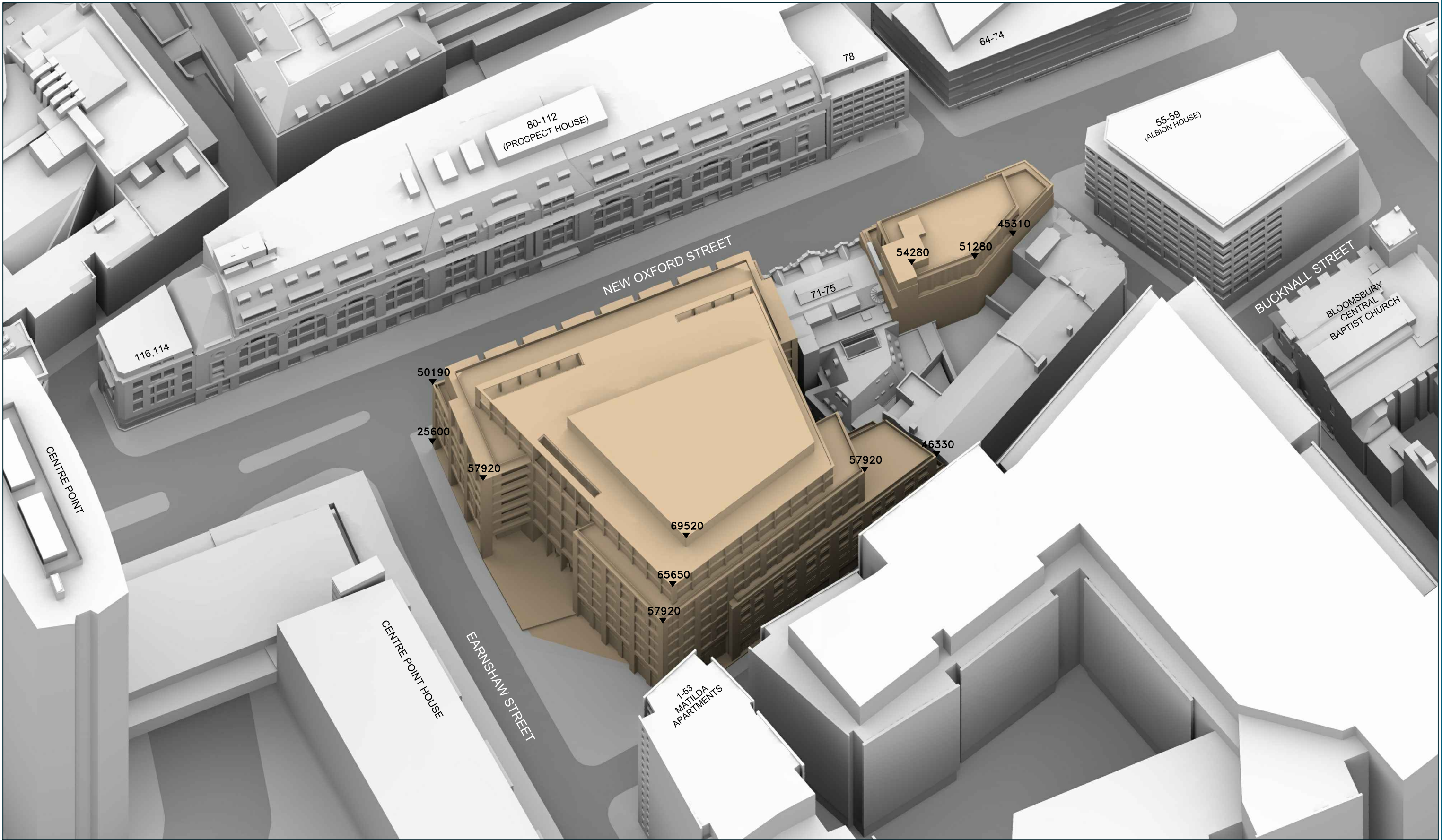
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Date: NOV 16

Dwg No:

P796/82



Sources: PLOWMAN CRAVEN
Site surveys :-
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33246S-01A, 33246S-02A, 33246T-01A

ROBIN PARTINGTON & PARTNERS
Proposed Scheme received 03/11/16
AS_-_GA_CW.dwg

Key: ALL HEIGHTS IN MM AOD

Project: CASTLEWOOD HOUSE

Title: 3D VIEW
PROPOSED SCHEME 03/11/16

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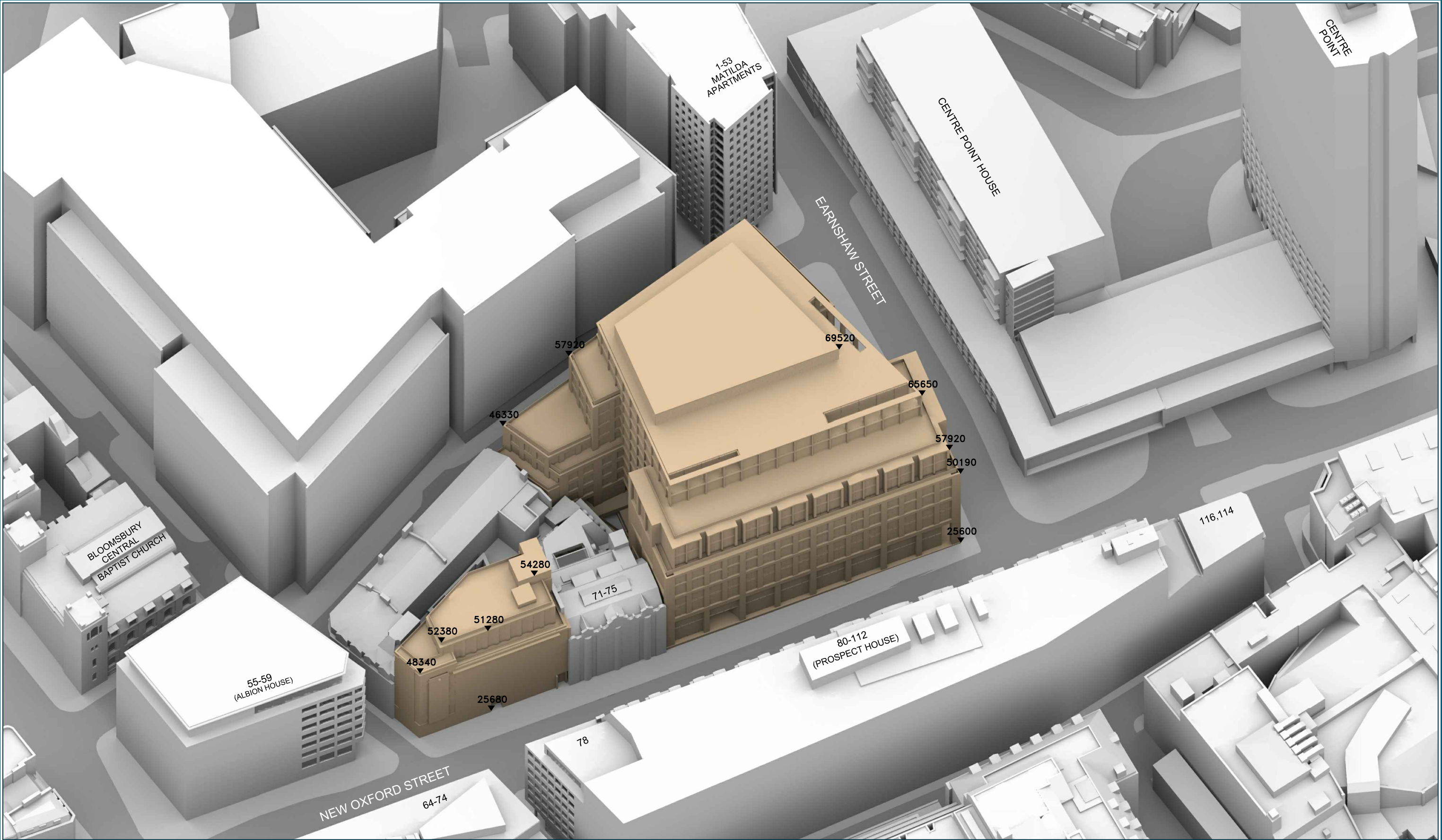
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Scale: NTS

Date: NOV 16

Dwg No: **P796/83**





Sources: PLOWMAN CRAVEN
Site surveys :-
33246E-01A, 33246RoL-01A, 33246RoL-02A, 33246RoL-03A
33246S-01A, 33246S-02A, 33246T-01A

ROBIN PARTINGTON & PARTNERS
Proposed Scheme received 03/11/16
AS_-_GA_CW.dwg

Key: ALL HEIGHTS IN MM AOD

Project: CASTLEWOOD HOUSE

Title: 3D VIEW
PROPOSED SCHEME 03/11/16

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Drawn By: BW

Scale: NTS

Date: NOV 16

Dwg No:

P796/84

Appendix B – Technical Analysis

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
CENTRE POINT HOUSE							CENTRE POINT HOUSE								
R1/66		W1/66	16.37	14.23	2.14	13.07	R1/66		W1/66	2.36	2.36	1.98	1.98	0.39	16.30
R2/66		W2/66	17.60	15.20	2.40	13.64	R2/66		W2/66	2.55	2.55	2.30	2.30	0.25	9.93
R3/66		W3/66	18.36	15.69	2.67	14.54	R3/66		W3/66	2.58	2.58	2.31	2.31	0.27	10.54
R4/66		W4/66	19.71	16.76	2.95	14.97	R4/66		W4/66	2.50	2.50	2.05	2.05	0.45	17.81
R5/66		W5/66	20.48	16.99	3.49	17.04	R5/66		W5/66	2.56	2.56	2.05	2.05	0.51	19.96
R6/66		W6/66	20.84	16.66	4.18	20.06	R6/66		W6/66	2.88	2.88	2.46	2.46	0.42	14.67
R7/66		W7/66	21.53	16.73	4.80	22.29	R7/66		W7/66	2.88	2.88	2.41	2.41	0.47	16.41
R8/66		W8/66	22.60	17.20	5.40	23.89	R8/66		W8/66	2.75	2.75	1.99	1.99	0.77	27.84
R9/66		W9/66	23.12	17.25	5.87	25.39	R9/66		W9/66	2.80	2.80	1.97	1.97	0.83	29.60
R10/66		W10/66	23.14	17.02	6.12	26.45	R10/66		W10/66	3.13	3.13	2.52	2.52	0.61	19.36
R11/66		W11/66	23.33	16.94	6.39	27.39	R11/66		W11/66	3.07	3.07	2.45	2.45	0.62	20.33
R12/66		W12/66	23.98	17.30	6.68	27.86	R12/66		W12/66	2.89	2.89	1.97	1.97	0.92	31.79
R1/67		W1/67	17.74	15.59	2.15	12.12	R1/67		W1/67	1.16	1.16	0.85	0.85	0.32	27.11
R2/67		W2/67	18.54	16.10	2.44	13.16	R2/67		W2/67	2.30	2.30	2.07	2.07	0.24	10.24
R3/67		W3/67	19.38	16.63	2.75	14.19	R3/67		W3/67	2.33	2.33	2.09	2.09	0.24	10.29
R4/67		W4/67	21.47	18.34	3.13	14.58	R4/67		W4/67	1.22	1.22	0.89	0.89	0.33	26.95
R5/67		W5/67	22.46	18.80	3.66	16.30	R5/67		W5/67	1.22	1.22	0.83	0.83	0.39	32.08
R6/67		W6/67	22.24	17.95	4.29	19.29	R6/67		W6/67	2.67	2.67	2.27	2.27	0.39	14.78

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
R7/67		W7/67	23.00	18.09	4.91	21.35	R7/67		W7/67	2.65	2.65	2.21	2.21	0.43	16.39
R8/67		W8/67	24.88	19.35	5.53	22.23	R8/67		W8/67	1.25	1.25	0.61	0.61	0.64	51.28
R9/67		W9/67	25.50	19.42	6.08	23.84	R9/67		W9/67	1.27	1.27	0.59	0.59	0.68	53.38
R10/67		W10/67	24.93	18.69	6.24	25.03	R10/67		W10/67	2.92	2.92	2.36	2.36	0.56	19.16
R11/67		W11/67	25.07	18.52	6.55	26.13	R11/67		W11/67	2.85	2.85	2.27	2.27	0.58	20.29
R12/67		W12/67	26.53	19.58	6.95	26.20	R12/67		W12/67	1.28	1.28	0.56	0.56	0.72	55.94
R1/68		W1/68	19.00	16.84	2.16	11.37	R1/68		W1/68	1.66	1.66	1.19	1.19	0.47	28.38
R2/68		W2/68	19.81	17.36	2.45	12.37	R2/68		W2/68	2.66	2.66	2.41	2.41	0.24	9.15
R3/68		W3/68	20.86	18.13	2.73	13.09	R3/68		W3/68	2.70	2.70	2.46	2.46	0.24	9.03
R4/68		W4/68	22.92	19.77	3.15	13.74	R4/68		W4/68	1.92	1.92	1.39	1.39	0.52	27.36
R5/68		W5/68	23.96	20.26	3.70	15.44	R5/68		W5/68	1.99	1.99	1.37	1.37	0.61	30.83
R6/68		W6/68	24.02	19.68	4.34	18.07	R6/68		W6/68	3.09	3.09	2.67	2.67	0.42	13.48
R7/68		W7/68	24.92	19.93	4.99	20.02	R7/68		W7/68	3.07	3.07	2.62	2.62	0.45	14.78
R8/68		W8/68	26.72	21.08	5.64	21.11	R8/68		W8/68	2.18	2.18	1.22	1.22	0.96	44.08
R9/68		W9/68	27.38	21.27	6.11	22.32	R9/68		W9/68	2.23	2.23	1.19	1.19	1.04	46.50
R10/68		W10/68	27.07	20.77	6.30	23.27	R10/68		W10/68	3.38	3.38	2.79	2.79	0.59	17.56
R11/68		W11/68	27.24	20.65	6.59	24.19	R11/68		W11/68	3.30	3.30	2.69	2.69	0.61	18.45
R12/68		W12/68	28.53	21.55	6.98	24.47	R12/68		W12/68	2.30	2.30	1.18	1.18	1.12	48.52
R1/69		W1/69	20.67	18.53	2.14	10.35	R1/69		W1/69	1.29	1.29	0.93	0.93	0.36	27.71

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
R2/69		W2/69	21.63	19.20	2.43	11.23	R2/69		W2/69	2.53	2.53	2.31	2.31	0.22	8.70
R3/69		W3/69	22.65	19.87	2.78	12.27	R3/69		W3/69	2.57	2.57	2.33	2.33	0.24	9.36
R4/69		W4/69	24.85	21.64	3.21	12.92	R4/69		W4/69	1.41	1.41	0.99	0.99	0.42	29.92
R5/69		W5/69	26.09	22.32	3.77	14.45	R5/69		W5/69	1.46	1.46	0.97	0.97	0.49	33.38
R6/69		W6/69	26.10	21.78	4.32	16.55	R6/69		W6/69	2.93	2.93	2.55	2.55	0.38	12.96
R7/69		W7/69	27.01	22.07	4.94	18.29	R7/69		W7/69	2.93	2.93	2.51	2.51	0.42	14.46
R8/69		W8/69	29.03	23.38	5.65	19.46	R8/69		W8/69	1.58	1.58	0.84	0.84	0.74	46.77
R9/69		W9/69	29.71	23.58	6.13	20.63	R9/69		W9/69	1.61	1.61	0.83	0.83	0.78	48.32
R10/69		W10/69	29.13	22.92	6.21	21.32	R10/69		W10/69	3.21	3.21	2.67	2.67	0.54	16.85
R11/69		W11/69	29.38	22.89	6.49	22.09	R11/69		W11/69	3.15	3.15	2.60	2.60	0.55	17.55
R12/69		W12/69	30.95	24.08	6.87	22.20	R12/69		W12/69	1.67	1.67	0.86	0.86	0.81	48.68
R1/70		W1/70	22.17	20.11	2.06	9.29	R1/70		W1/70	1.93	1.93	1.55	1.55	0.38	19.69
R2/70		W2/70	23.43	21.11	2.32	9.90	R2/70		W2/70	2.96	2.96	2.74	2.74	0.22	7.53
R3/70		W3/70	24.55	21.91	2.64	10.75	R3/70		W3/70	3.00	3.00	2.77	2.77	0.23	7.66
R4/70		W4/70	26.43	23.31	3.12	11.80	R4/70		W4/70	2.20	2.20	1.75	1.75	0.45	20.65
R5/70		W5/70	27.67	24.03	3.64	13.16	R5/70		W5/70	2.31	2.31	1.78	1.78	0.52	22.60
R6/70		W6/70	28.17	24.03	4.14	14.70	R6/70		W6/70	3.43	3.43	3.04	3.04	0.39	11.40
R7/70		W7/70	29.10	24.37	4.73	16.25	R7/70		W7/70	3.42	3.42	2.98	2.98	0.43	12.62
R8/70		W8/70	30.76	25.31	5.45	17.72	R8/70		W8/70	2.58	2.58	1.82	1.82	0.76	29.56

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
R9/70		W9/70	31.45	25.58	5.87	18.66	R9/70		W9/70	2.64	2.64	1.83	1.83	0.81	30.58
R10/70		W10/70	31.37	25.46	5.91	18.84	R10/70		W10/70	3.75	3.75	3.19	3.19	0.56	14.94
R11/70		W11/70	31.57	25.40	6.17	19.54	R11/70		W11/70	3.66	3.66	3.09	3.09	0.57	15.62
R12/70		W12/70	32.78	26.19	6.59	20.10	R12/70		W12/70	2.75	2.75	1.89	1.89	0.86	31.34
R1/71		W1/71	25.04	23.12	1.92	7.67	R1/71		W1/71	3.08	3.08	2.90	2.90	0.18	5.90
R2/71		W2/71	26.48	24.30	2.18	8.23	R2/71		W2/71	3.00	3.00	2.81	2.81	0.19	6.43
R3/71		W3/71	27.66	25.15	2.51	9.07	R3/71		W3/71	3.10	3.10	2.88	2.88	0.22	7.12
R4/71		W4/71	28.90	26.04	2.86	9.90	R4/71		W4/71	3.17	3.17	2.92	2.92	0.25	7.89
R5/71		W5/71	30.10	26.80	3.30	10.96	R5/71		W5/71	3.26	3.26	2.97	2.97	0.29	8.90
R6/71		W6/71	31.20	27.36	3.84	12.31	R6/71		W6/71	3.42	3.42	3.07	3.07	0.34	10.04
R7/71		W7/71	32.17	27.81	4.36	13.55	R7/71		W7/71	3.50	3.50	3.11	3.11	0.39	11.17
R8/71		W8/71	32.92	28.16	4.76	14.46	R8/71		W8/71	3.52	3.52	3.10	3.10	0.42	12.01
R9/71		W9/71	33.60	28.52	5.08	15.12	R9/71		W9/71	3.56	3.56	3.11	3.11	0.45	12.61
R10/71		W10/71	34.13	28.79	5.34	15.65	R10/71		W10/71	3.69	3.69	3.20	3.20	0.48	13.05
R11/71		W11/71	34.54	29.01	5.53	16.01	R11/71		W11/71	3.72	3.72	3.22	3.22	0.50	13.53
R12/71		W12/71	34.92	29.31	5.61	16.07	R12/71		W12/71	3.68	3.68	3.19	3.19	0.50	13.52
CENTRE POINT							CENTRE POINT								
R1/202		W1/202	24.26	24.13	0.13	0.54	R1/202		W1/202	3.08		3.07			
R1/202		W2/202	24.07	23.90	0.17	0.71	R1/202		W2/202	3.09	6.17	3.07	6.14	0.03	0.44
R2/202		W3/202	23.81	23.54	0.27	1.13	R2/202		W3/202	3.02		2.99			

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
R2/202		W4/202	23.11	22.76	0.35	1.51	R2/202		W4/202	2.97	5.99	2.94	5.93	0.05	0.90
R3/202		W5/202	21.63	21.24	0.39	1.80	R3/202		W5/202	2.82		2.78			
R3/202		W6/202	11.57	11.57	0.00	0.00	R3/202		W6/202	1.93	4.74	1.93	4.71	0.03	0.70
R1/203		W1/203	27.38	27.25	0.13	0.47	R1/203		W1/203	1.57		1.57			
R1/203		W2/203	27.34	27.18	0.16	0.59	R1/203		W2/203	1.58	3.15	1.57	3.14	0.01	0.41
R2/203		W3/203	27.48	27.21	0.27	0.98	R2/203		W3/203	1.55		1.53			
R2/203		W4/203	27.59	27.21	0.38	1.38	R2/203		W4/203	1.55	3.10	1.54	3.07	0.03	0.94
R3/203		W5/203	27.70	27.23	0.47	1.70	R3/203		W5/203	1.54		1.52			
R3/203		W6/203	27.36	26.77	0.59	2.16	R3/203		W6/203	1.54	3.08	1.51	3.03	0.05	1.46
R4/203		W7/203	21.77	21.33	0.44	2.02	R4/203		W7/203	1.32	1.32	1.30	1.30	0.02	1.51
R1/204		W1/204	29.64	29.52	0.12	0.40	R1/204		W1/204	1.67		1.67			
R1/204		W2/204	29.58	29.42	0.16	0.54	R1/204		W2/204	1.68	3.35	1.67	3.34	0.01	0.42
R2/204		W3/204	29.68	29.41	0.27	0.91	R2/204		W3/204	1.64		1.63			
R2/204		W4/204	29.77	29.40	0.37	1.24	R2/204		W4/204	1.65	3.29	1.63	3.26	0.03	0.88
R3/204		W5/204	29.95	29.49	0.46	1.54	R3/204		W5/204	1.63		1.61			
R3/204		W6/204	30.25	29.65	0.60	1.98	R3/204		W6/204	1.65	3.28	1.63	3.24	0.04	1.34
R4/204		W7/204	30.47	29.86	0.61	2.00	R4/204		W7/204	1.67		1.65			
R4/204		W8/204	30.73	30.07	0.66	2.15	R4/204		W8/204	1.69	3.36	1.66	3.30	0.06	1.70
R5/204		W9/204	31.04	30.26	0.78	2.51	R5/204		W9/204	1.71		1.67			
R5/204		W10/204	31.29	30.46	0.83	2.65	R5/204		W10/204	1.71	3.42	1.67	3.35	0.07	2.08
R6/204		W11/204	31.62	30.76	0.86	2.72	R6/204		W11/204	1.71		1.68			
R6/204		W12/204	31.77	30.91	0.86	2.71	R6/204		W12/204	1.73	3.44	1.69	3.36	0.08	2.24
R7/204		W13/204	31.94	31.07	0.87	2.72	R7/204		W13/204	1.74		1.70			
R7/204		W14/204	32.01	31.22	0.79	2.47	R7/204		W14/204	1.74	3.48	1.71	3.41	0.08	2.15
R1/205		W1/205	31.76	31.64	0.12	0.38	R1/205		W1/205	1.77		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
R1/205		W2/205	31.71	31.56	0.15	0.47	R1/205		W2/205	1.77	3.54	1.76	3.53	0.01	0.37
R2/205		W3/205	31.80	31.55	0.25	0.79	R2/205		W3/205	1.73		1.72			
R2/205		W4/205	31.88	31.53	0.35	1.10	R2/205		W4/205	1.74	3.47	1.72	3.44	0.03	0.81
R3/205		W5/205	32.03	31.59	0.44	1.37	R3/205		W5/205	1.72		1.70			
R3/205		W6/205	32.28	31.71	0.57	1.77	R3/205		W6/205	1.74	3.46	1.72	3.42	0.05	1.30
R4/205		W7/205	32.46	31.86	0.60	1.85	R4/205		W7/205	1.76		1.73			
R4/205		W8/205	32.69	32.04	0.65	1.99	R4/205		W8/205	1.77	3.53	1.74	3.47	0.06	1.59
R5/205		W9/205	32.95	32.20	0.75	2.28	R5/205		W9/205	1.79		1.76			
R5/205		W10/205	33.17	32.37	0.80	2.41	R5/205		W10/205	1.79	3.58	1.76	3.51	0.07	2.01
R6/205		W11/205	33.44	32.63	0.81	2.42	R6/205		W11/205	1.79		1.76			
R6/205		W12/205	33.60	32.78	0.82	2.44	R6/205		W12/205	1.81	3.60	1.77	3.53	0.08	2.11
R7/205		W13/205	33.76	32.94	0.82	2.43	R7/205		W13/205	1.82		1.78			
R7/205		W14/205	33.86	33.13	0.73	2.16	R7/205		W14/205	1.82	3.64	1.79	3.57	0.07	2.00
R1/206		W1/206	33.61	33.50	0.11	0.33	R1/206		W1/206	1.85		1.85			
R1/206		W2/206	33.60	33.46	0.14	0.42	R1/206		W2/206	1.86	3.71	1.85	3.70	0.01	0.30
R2/206		W3/206	33.67	33.43	0.24	0.71	R2/206		W3/206	1.82		1.81			
R2/206		W4/206	33.73	33.40	0.33	0.98	R2/206		W4/206	1.82	3.64	1.81	3.61	0.03	0.74
R3/206		W5/206	33.87	33.42	0.45	1.33	R3/206		W5/206	1.80		1.78			
R3/206		W6/206	34.07	33.50	0.57	1.67	R3/206		W6/206	1.82	3.62	1.80	3.58	0.05	1.24
R4/206		W7/206	34.22	33.60	0.62	1.81	R4/206		W7/206	1.84		1.81			
R4/206		W8/206	34.40	33.74	0.66	1.92	R4/206		W8/206	1.85	3.69	1.82	3.63	0.06	1.63
R5/206		W9/206	34.63	33.86	0.77	2.22	R5/206		W9/206	1.87		1.83			
R5/206		W10/206	34.81	34.00	0.81	2.33	R5/206		W10/206	1.87	3.73	1.83	3.66	0.08	2.01
R6/206		W11/206	35.02	34.23	0.79	2.26	R6/206		W11/206	1.87		1.83			
R6/206		W12/206	35.15	34.36	0.79	2.25	R6/206		W12/206	1.88	3.74	1.84	3.67	0.08	2.00

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
R7/206		W13/206	35.28	34.52	0.76	2.15	R7/206		W13/206	1.89		1.85			
R7/206		W14/206	35.39	34.71	0.68	1.92	R7/206		W14/206	1.89	3.78	1.86	3.71	0.07	1.83
R1/207		W1/207	35.36	34.99	0.37	1.05	R1/207		W1/207	1.94		1.92			
R1/207		W2/207	35.37	35.00	0.37	1.05	R1/207		W2/207	1.94	3.88	1.92	3.84	0.04	0.98
R2/207		W3/207	35.43	34.99	0.44	1.24	R2/207		W3/207	1.90		1.88			
R2/207		W4/207	35.47	34.94	0.53	1.49	R2/207		W4/207	1.90	3.80	1.88	3.76	0.05	1.24
R3/207		W5/207	35.57	34.97	0.60	1.69	R3/207		W5/207	1.88		1.85			
R3/207		W6/207	35.72	35.04	0.68	1.90	R3/207		W6/207	1.90	3.78	1.87	3.72	0.06	1.61
R4/207		W7/207	35.83	35.10	0.73	2.04	R4/207		W7/207	1.91		1.88			
R4/207		W8/207	35.96	35.20	0.76	2.11	R4/207		W8/207	1.92	3.84	1.88	3.76	0.07	1.90
R5/207		W9/207	36.13	35.29	0.84	2.32	R5/207		W9/207	1.94		1.90			
R5/207		W10/207	36.23	35.39	0.84	2.32	R5/207		W10/207	1.93	3.87	1.89	3.79	0.08	2.12
R6/207		W11/207	36.36	35.58	0.78	2.15	R6/207		W11/207	1.93		1.89			
R6/207		W12/207	36.42	35.67	0.75	2.06	R6/207		W12/207	1.94	3.87	1.90	3.79	0.08	1.94
R7/207		W13/207	36.52	35.82	0.70	1.92	R7/207		W13/207	1.95		1.91			
R7/207		W14/207	36.62	36.01	0.61	1.67	R7/207		W14/207	1.95	3.90	1.92	3.83	0.07	1.67
R1/208		W1/208	36.72	36.00	0.72	1.96	R1/208		W1/208	2.00		1.97			
R1/208		W2/208	36.74	36.03	0.71	1.93	R1/208		W2/208	2.01	4.02	1.98	3.94	0.07	1.82
R2/208		W3/208	36.77	36.04	0.73	1.99	R2/208		W3/208	1.97		1.93			
R2/208		W4/208	36.79	36.01	0.78	2.12	R2/208		W4/208	1.97	3.93	1.93	3.86	0.08	1.93
R3/208		W5/208	36.85	36.05	0.80	2.17	R3/208		W5/208	1.94		1.91			
R3/208		W6/208	36.93	36.13	0.80	2.17	R3/208		W6/208	1.96	3.90	1.92	3.82	0.08	2.00
R4/208		W7/208	36.99	36.18	0.81	2.19	R4/208		W7/208	1.97		1.93			
R4/208		W8/208	37.07	36.28	0.79	2.13	R4/208		W8/208	1.98	3.95	1.94	3.87	0.08	2.00
R5/208		W9/208	37.17	36.37	0.80	2.15	R5/208		W9/208	1.99		1.95			
R5/208		W10/208	37.22	36.46	0.76	2.04	R5/208		W10/208	1.98	3.97	1.94	3.89	0.08	1.96

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC	Room	Room Use	Window	EXISTING ADF	TOTAL	PROPOSED ADF	TOTAL	LOSS	%LOSS ADF
R6/208		W11/208	37.31	36.62	0.69	1.85	R6/208		W11/208	1.97		1.94			
R6/208		W12/208	37.35	36.71	0.64	1.71	R6/208		W12/208	1.98	3.96	1.95	3.89	0.07	1.67
R7/208		W13/208	37.43	36.85	0.58	1.55	R7/208		W13/208	1.99		1.96			
R7/208		W14/208	37.53	37.02	0.51	1.36	R7/208		W14/208	1.99	3.99	1.97	3.93	0.06	1.40
1-53 MATILDA APARTMENTS							1-53 MATILDA APARTMENTS								
R1/501		W1/501	16.70	16.70	0.00	0.00	R1/501		W1/501	0.58		0.58			
R1/501		W2/501	16.03	16.03	0.00	0.00	R1/501		W2/501	0.56		0.56			
R1/501		W3/501	11.98	11.20	0.78	6.51	R1/501		W3/501	1.95	3.09	1.88	3.02	0.07	2.26
R2/501		W4/501	6.05	6.05	0.00	0.00	R2/501		W4/501	1.43		1.43			
R2/501		W5/501	17.73	14.68	3.05	17.20	R2/501		W5/501	0.71		0.64			
R2/501		W6/501	17.74	14.60	3.14	17.70	R2/501		W6/501	0.71	2.85	0.63	2.70	0.15	5.30
R3/501		W7/501	17.66	14.40	3.26	18.46	R3/501		W7/501	0.75		0.67			
R3/501		W8/501	17.60	14.13	3.47	19.72	R3/501		W8/501	0.75	1.50	0.66	1.32	0.18	11.80
R4/501		W9/501	17.40	13.84	3.56	20.46	R4/501		W9/501	0.45		0.39			
R4/501		W10/501	17.22	13.47	3.75	21.78	R4/501		W10/501	0.44		0.38			
R4/501		W11/501	8.22	5.20	3.02	36.74	R4/501		W11/501	1.23		0.96			
R4/501		W12/501	5.89	2.57	3.32	56.37	R4/501		W12/501	0.42		0.25			
R4/501		W13/501	7.51	3.84	3.67	48.87	R4/501		W13/501	0.25		0.16			
R4/501		W14/501	5.80	3.04	2.76	47.59	R4/501		W14/501	0.20	2.99	0.11	2.25	0.75	24.97
R5/501		W15/501	4.33	2.73	1.60	36.95	R5/501		W15/501	0.17		0.09			
R5/501		W16/501	3.47	2.66	0.81	23.34	R5/501		W16/501	0.10		0.07			
R5/501		W17/501	3.34	2.66	0.68	20.36	R5/501		W17/501	0.07	0.33	0.05	0.21	0.12	36.78
R1/502		W1/502	19.79	19.79	0.00	0.00	R1/502		W1/502	0.67		0.67			
R1/502		W2/502	18.89	18.89	0.00	0.00	R1/502		W2/502	0.64		0.64			
R1/502		W3/502	12.77	11.97	0.80	6.26	R1/502		W3/502	2.03	3.33	1.96	3.26	0.07	2.07
R2/502		W4/502	6.96	6.96	0.00	0.00	R2/502		W4/502	1.57		1.57			
R2/502		W5/502	19.36	16.03	3.33	17.20	R2/502		W5/502	0.75		0.67			
R2/502		W6/502	19.36	15.92	3.44	17.77	R2/502		W6/502	0.75	3.06	0.66	2.90	0.16	5.26

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
R3/502		W7/502	19.26	15.71	3.55	18.43	R3/502		W7/502	0.79		0.70			
R3/502		W8/502	19.16	15.40	3.76	19.62	R3/502		W8/502	0.79	1.57	0.69	1.39	0.19	11.94
R4/502		W9/502	18.94	15.06	3.88	20.49	R4/502		W9/502	0.47		0.41			
R4/502		W10/502	18.72	14.62	4.10	21.90	R4/502		W10/502	0.46		0.40			
R4/502		W11/502	8.96	5.78	3.18	35.49	R4/502		W11/502	1.29		1.01			
R4/502		W12/502	6.63	2.97	3.66	55.20	R4/502		W12/502	0.45		0.28			
R4/502		W13/502	8.30	4.45	3.85	46.39	R4/502		W13/502	0.27		0.17			
R4/502		W14/502	6.51	3.56	2.95	45.31	R4/502		W14/502	0.21	3.14	0.12	2.39	0.76	24.02
R5/502		W15/502	4.98	3.20	1.78	35.74	R5/502		W15/502	0.18		0.11			
R5/502		W16/502	4.09	3.11	0.98	23.96	R5/502		W16/502	0.11		0.08			
R5/502		W17/502	3.91	3.10	0.81	20.72	R5/502		W17/502	0.08	0.37	0.06	0.24	0.13	34.33
R1/503		W1/503	22.04	22.04	0.00	0.00	R1/503		W1/503	0.72		0.72			
R1/503		W2/503	21.04	21.04	0.00	0.00	R1/503		W2/503	0.69		0.69			
R1/503		W3/503	13.58	12.78	0.80	5.89	R1/503		W3/503	2.11	3.52	2.04	3.45	0.07	1.96
R2/503		W4/503	8.06	8.06	0.00	0.00	R2/503		W4/503	1.73		1.73			
R2/503		W5/503	21.15	17.53	3.62	17.12	R2/503		W5/503	0.78		0.70			
R2/503		W6/503	21.15	17.38	3.77	17.83	R2/503		W6/503	0.78	3.29	0.69	3.12	0.17	5.17
R3/503		W7/503	21.02	17.12	3.90	18.55	R3/503		W7/503	0.83		0.73			
R3/503		W8/503	20.91	16.85	4.06	19.42	R3/503		W8/503	0.82	1.65	0.72	1.45	0.20	12.10
R4/503		W9/503	20.68	16.44	4.24	20.50	R4/503		W9/503	0.49		0.42			
R4/503		W10/503	20.42	15.92	4.50	22.04	R4/503		W10/503	0.48		0.41			
R4/503		W11/503	9.86	6.46	3.40	34.48	R4/503		W11/503	1.36		1.08			
R4/503		W12/503	7.50	3.47	4.03	53.73	R4/503		W12/503	0.48		0.30			
R4/503		W13/503	9.26	5.20	4.06	43.84	R4/503		W13/503	0.28		0.19			
R4/503		W14/503	7.39	4.21	3.18	43.03	R4/503		W14/503	0.23	3.32	0.14	2.54	0.77	23.32
R5/503		W15/503	5.78	3.78	2.00	34.60	R5/503		W15/503	0.19		0.12			
R5/503		W16/503	4.84	3.66	1.18	24.38	R5/503		W16/503	0.13		0.09			
R5/503		W17/503	4.60	3.64	0.96	20.87	R5/503		W17/503	0.09	0.41	0.07	0.28	0.13	31.62
R1/504		W1/504	23.72	23.72	0.00	0.00	R1/504		W1/504	0.76		0.76			

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
R1/504		W2/504	22.74	22.74	0.00	0.00	R1/504		W2/504	0.73		0.73			
R1/504		W3/504	14.41	13.62	0.79	5.48	R1/504		W3/504	2.18	3.67	2.11	3.61	0.07	1.82
R2/504		W4/504	9.36	9.36	0.00	0.00	R2/504		W4/504	1.90		1.90			
R2/504		W5/504	23.11	19.21	3.90	16.88	R2/504		W5/504	0.82		0.74			
R2/504		W6/504	23.12	19.01	4.11	17.78	R2/504		W6/504	0.82	3.54	0.73	3.37	0.18	4.99
R3/504		W7/504	22.98	18.70	4.28	18.62	R3/504		W7/504	0.87		0.77			
R3/504		W8/504	22.86	18.38	4.48	19.60	R3/504		W8/504	0.87	1.74	0.76	1.52	0.22	12.37
R4/504		W9/504	22.63	18.02	4.61	20.37	R4/504		W9/504	0.52		0.45			
R4/504		W10/504	22.34	17.41	4.93	22.07	R4/504		W10/504	0.51		0.43			
R4/504		W11/504	10.99	7.26	3.73	33.94	R4/504		W11/504	1.44		1.15			
R4/504		W12/504	8.53	4.10	4.43	51.93	R4/504		W12/504	0.51		0.34			
R4/504		W13/504	10.43	6.13	4.30	41.23	R4/504		W13/504	0.30		0.21			
R4/504		W14/504	8.48	5.02	3.46	40.80	R4/504		W14/504	0.24	3.51	0.15	2.72	0.79	22.40
R5/504		W15/504	6.78	4.53	2.25	33.19	R5/504		W15/504	0.21		0.14			
R5/504		W16/504	5.78	4.37	1.41	24.39	R5/504		W16/504	0.14		0.10			
R5/504		W17/504	5.47	4.33	1.14	20.84	R5/504		W17/504	0.10	0.45	0.08	0.32	0.13	29.58
R1/505		W1/505	25.52	25.52	0.00	0.00	R1/505		W1/505	0.80		0.80			
R1/505		W2/505	24.61	24.61	0.00	0.00	R1/505		W2/505	0.78		0.78			
R1/505		W3/505	15.24	14.49	0.75	4.92	R1/505		W3/505	2.26	3.84	2.19	3.78	0.06	1.64
R2/505		W4/505	10.89	10.89	0.00	0.00	R2/505		W4/505	2.09		2.09			
R2/505		W5/505	25.23	21.06	4.17	16.53	R2/505		W5/505	0.86		0.78			
R2/505		W6/505	25.25	20.83	4.42	17.50	R2/505		W6/505	0.86	3.82	0.77	3.63	0.18	4.82
R3/505		W7/505	25.12	20.46	4.66	18.55	R3/505		W7/505	0.92		0.81			
R3/505		W8/505	25.00	20.08	4.92	19.68	R3/505		W8/505	0.91	1.83	0.79	1.60	0.23	12.48
R4/505		W9/505	24.79	19.73	5.06	20.41	R4/505		W9/505	0.54		0.47			
R4/505		W10/505	24.50	19.10	5.40	22.04	R4/505		W10/505	0.54		0.46			
R4/505		W11/505	12.41	8.21	4.20	33.84	R4/505		W11/505	1.54		1.23			
R4/505		W12/505	9.75	4.88	4.87	49.95	R4/505		W12/505	0.54		0.37			
R4/505		W13/505	11.87	7.30	4.57	38.50	R4/505		W13/505	0.31		0.23			
R4/505		W14/505	9.82	6.06	3.76	38.29	R4/505		W14/505	0.26	3.74	0.18	2.93	0.81	21.62

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
R5/505		W15/505	8.03	5.49	2.54	31.63	R5/505		W15/505	0.23		0.16			
R5/505		W16/505	6.94	5.27	1.67	24.06	R5/505		W16/505	0.17		0.13			
R5/505		W17/505	6.54	5.20	1.34	20.49	R5/505		W17/505	0.12	0.52	0.10	0.39	0.13	25.58
R1/506		W1/506	27.45	27.45	0.00	0.00	R1/506		W1/506	0.85		0.85			
R1/506		W2/506	26.67	26.67	0.00	0.00	R1/506		W2/506	0.83		0.83			
R1/506		W3/506	16.08	15.37	0.71	4.42	R1/506		W3/506	2.33	4.01	2.27	3.96	0.06	1.45
R2/506		W4/506	12.63	12.63	0.00	0.00	R2/506		W4/506	2.30		2.30			
R2/506		W5/506	27.48	23.09	4.39	15.98	R2/506		W5/506	0.91		0.82			
R2/506		W6/506	27.52	22.81	4.71	17.11	R2/506		W6/506	0.90	4.11	0.80	3.92	0.19	4.63
R3/506		W7/506	27.42	22.39	5.03	18.34	R3/506		W7/506	0.96		0.85			
R3/506		W8/506	27.33	21.96	5.37	19.65	R3/506		W8/506	0.96	1.92	0.84	1.68	0.24	12.55
R4/506		W9/506	27.18	21.56	5.62	20.68	R4/506		W9/506	0.57		0.49			
R4/506		W10/506	26.93	21.02	5.91	21.95	R4/506		W10/506	0.57		0.48			
R4/506		W11/506	14.14	9.40	4.74	33.52	R4/506		W11/506	1.66		1.33			
R4/506		W12/506	11.19	5.88	5.31	47.45	R4/506		W12/506	0.58		0.41			
R4/506		W13/506	13.63	8.77	4.86	35.66	R4/506		W13/506	0.34		0.26			
R4/506		W14/506	11.46	7.42	4.04	35.25	R4/506		W14/506	0.29	4.01	0.21	3.18	0.83	20.66
R5/506		W15/506	9.58	6.72	2.86	29.85	R5/506		W15/506	0.27		0.20			
R5/506		W16/506	8.40	6.42	1.98	23.57	R5/506		W16/506	0.21		0.17			
R5/506		W17/506	7.88	6.33	1.55	19.67	R5/506		W17/506	0.17	0.64	0.15	0.52	0.12	18.97
R1/507		W1/507	29.51	29.51	0.00	0.00	R1/507		W1/507	0.90		0.90			
R1/507		W2/507	28.89	28.89	0.00	0.00	R1/507		W2/507	0.89		0.89			
R1/507		W3/507	16.89	16.23	0.66	3.91	R1/507		W3/507	2.40	4.19	2.35	4.14	0.05	1.24
R2/507		W4/507	14.52	14.52	0.00	0.00	R2/507		W4/507	2.51		2.51			
R2/507		W5/507	29.77	25.27	4.50	15.12	R2/507		W5/507	0.95		0.86			
R2/507		W6/507	29.84	24.94	4.90	16.42	R2/507		W6/507	0.94	4.40	0.84	4.21	0.19	4.30
R3/507		W7/507	29.78	24.49	5.29	17.76	R3/507		W7/507	1.01		0.89			
R3/507		W8/507	29.74	24.02	5.72	19.23	R3/507		W8/507	1.01	2.02	0.88	1.77	0.25	12.35

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
R4/507		W9/507	29.70	23.59	6.11	20.57	R4/507		W9/507	0.61		0.52			
R4/507		W10/507	29.54	22.99	6.55	22.17	R4/507		W10/507	0.60		0.51			
R4/507		W11/507	16.19	10.92	5.27	32.55	R4/507		W11/507	1.79		1.45			
R4/507		W12/507	12.80	7.12	5.68	44.38	R4/507		W12/507	0.62		0.46			
R4/507		W13/507	15.70	10.62	5.08	32.36	R4/507		W13/507	0.37		0.29			
R4/507		W14/507	13.43	9.09	4.34	32.32	R4/507		W14/507	0.32	4.31	0.24	3.47	0.84	19.54
R5/507		W15/507	11.48	8.30	3.18	27.70	R5/507		W15/507	0.31		0.25			
R5/507		W16/507	10.20	7.94	2.26	22.16	R5/507		W16/507	0.26		0.22			
R5/507		W17/507	9.57	7.83	1.74	18.18	R5/507		W17/507	0.22	0.78	0.20	0.67	0.12	14.67
R1/508		W1/508	31.59	31.59	0.00	0.00	R1/508		W1/508	0.95		0.95			
R1/508		W2/508	31.13	31.13	0.00	0.00	R1/508		W2/508	0.94		0.94			
R1/508		W3/508	17.61	17.02	0.59	3.35	R1/508		W3/508	2.46	4.36	2.42	4.31	0.05	1.06
R2/508		W4/508	16.41	16.41	0.00	0.00	R2/508		W4/508	2.71		2.71			
R2/508		W5/508	31.92	27.49	4.43	13.88	R2/508		W5/508	0.98		0.90			
R2/508		W6/508	32.03	27.14	4.89	15.27	R2/508		W6/508	0.98	4.67	0.89	4.49	0.18	3.94
R3/508		W7/508	32.03	26.69	5.34	16.67	R3/508		W7/508	1.05		0.93			
R3/508		W8/508	32.07	26.20	5.87	18.30	R3/508		W8/508	1.06	2.11	0.92	1.86	0.25	11.87
R4/508		W9/508	32.17	25.78	6.39	19.86	R4/508		W9/508	0.64		0.55			
R4/508		W10/508	32.15	25.16	6.99	21.74	R4/508		W10/508	0.64		0.54			
R4/508		W11/508	18.52	12.80	5.72	30.89	R4/508		W11/508	1.94		1.58			
R4/508		W12/508	14.48	8.43	6.05	41.78	R4/508		W12/508	0.66		0.50			
R4/508		W13/508	18.10	12.87	5.23	28.90	R4/508		W13/508	0.40		0.33			
R4/508		W14/508	15.74	11.22	4.52	28.72	R4/508		W14/508	0.35	4.63	0.29	3.78	0.84	18.24
R5/508		W15/508	13.77	10.35	3.42	24.84	R5/508		W15/508	0.36		0.30			
R5/508		W16/508	12.42	9.94	2.48	19.97	R5/508		W16/508	0.31		0.28			
R5/508		W17/508	11.69	9.81	1.88	16.08	R5/508		W17/508	0.28	0.94	0.26	0.84	0.11	11.16
R1/509		W1/509	33.40	33.40	0.00	0.00	R1/509		W1/509	1.00		1.00			
R1/509		W2/509	33.11	33.11	0.00	0.00	R1/509		W2/509	0.99		0.99			
R1/509		W3/509	18.25	17.76	0.49	2.68	R1/509		W3/509	2.52	4.51	2.48	4.47	0.04	0.84
R2/509		W4/509	18.12	18.12	0.00	0.00	R2/509		W4/509	2.88		2.88			

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
R2/509		W5/509	33.69	29.64	4.05	12.02	R2/509		W5/509	1.01		0.94			
R2/509		W6/509	33.80	29.29	4.51	13.34	R2/509		W6/509	1.01	4.90	0.93	4.74	0.16	3.32
R3/509		W7/509	33.83	28.85	4.98	14.72	R3/509		W7/509	1.09		0.98			
R3/509		W8/509	33.94	28.39	5.55	16.35	R3/509		W8/509	1.09	2.18	0.97	1.95	0.23	10.51
R4/509		W9/509	34.14	28.00	6.14	17.98	R4/509		W9/509	0.66		0.58			
R4/509		W10/509	34.25	27.41	6.84	19.97	R4/509		W10/509	0.66		0.57			
R4/509		W11/509	20.90	15.11	5.79	27.70	R4/509		W11/509	2.09		1.74			
R4/509		W12/509	15.85	9.87	5.98	37.73	R4/509		W12/509	0.69		0.54			
R4/509		W13/509	20.82	15.82	5.00	24.02	R4/509		W13/509	0.44		0.38			
R4/509		W14/509	18.44	14.12	4.32	23.43	R4/509		W14/509	0.40	4.94	0.34	4.15	0.79	16.05
R5/509		W15/509	16.53	13.21	3.32	20.08	R5/509		W15/509	0.41		0.37			
R5/509		W16/509	15.18	12.78	2.40	15.81	R5/509		W16/509	0.37		0.35			
R5/509		W17/509	14.43	12.61	1.82	12.61	R5/509		W17/509	0.35	1.13	0.34	1.05	0.09	7.68
R1/510		W1/510	33.93	33.93	0.00	0.00	R1/510		W1/510	1.01		1.01			
R1/510		W2/510	33.69	33.69	0.00	0.00	R1/510		W2/510	1.01		1.01			
R1/510		W3/510	18.69	18.32	0.37	1.98	R1/510		W3/510	2.55	4.56	2.52	4.54	0.03	0.61
R2/510		W4/510	18.72	18.72	0.00	0.00	R2/510		W4/510	2.93		2.93			
R2/510		W5/510	34.57	31.20	3.37	9.75	R2/510		W5/510	1.03		0.97			
R2/510		W6/510	34.68	30.98	3.70	10.67	R2/510		W6/510	1.03	5.00	0.96	4.86	0.14	2.70
R3/510		W7/510	34.71	30.70	4.01	11.55	R3/510		W7/510	1.11		1.02			
R3/510		W8/510	34.83	30.40	4.43	12.72	R3/510		W8/510	1.11	2.22	1.02	2.04	0.18	8.24
R4/510		W9/510	35.06	30.11	4.95	14.12	R4/510		W9/510	0.68		0.61			
R4/510		W10/510	35.17	29.61	5.56	15.81	R4/510		W10/510	0.68		0.60			
R4/510		W11/510	22.83	18.03	4.80	21.02	R4/510		W11/510	2.21		1.93			
R4/510		W12/510	16.44	11.50	4.94	30.05	R4/510		W12/510	0.71		0.59			
R4/510		W13/510	24.05	20.00	4.05	16.84	R4/510		W13/510	0.49		0.45			
R4/510		W14/510	21.89	18.31	3.58	16.35	R4/510		W14/510	0.45	5.21	0.41	4.58	0.63	12.06
R5/510		W15/510	20.21	17.43	2.78	13.76	R5/510		W15/510	0.49		0.45			
R5/510		W16/510	18.98	16.95	2.03	10.70	R5/510		W16/510	0.46		0.44			
R5/510		W17/510	18.21	16.69	1.52	8.35	R5/510		W17/510	0.44	1.38	0.43	1.32	0.07	4.70

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
R1/511		W1/511	34.18	34.18	0.00	0.00	R1/511		W1/511	1.02		1.02			
R1/511		W2/511	33.94	33.94	0.00	0.00	R1/511		W2/511	1.01		1.01			
R1/511		W3/511	18.85	18.63	0.22	1.17	R1/511		W3/511	2.56	4.58	2.54	4.57	0.02	0.35
R2/511		W4/511	18.97	18.97	0.00	0.00	R2/511		W4/511	2.96		2.96			
R2/511		W5/511	34.87	32.43	2.44	7.00	R2/511		W5/511	1.04		0.99			
R2/511		W6/511	34.98	32.31	2.67	7.63	R2/511		W6/511	1.04	5.04	0.99	4.94	0.10	1.93
R3/511		W7/511	35.03	32.11	2.92	8.34	R3/511		W7/511	1.11		1.05			
R3/511		W8/511	35.14	31.94	3.20	9.11	R3/511		W8/511	1.12	2.24	1.05	2.10	0.13	5.91
R4/511		W9/511	35.37	31.87	3.50	9.90	R4/511		W9/511	0.68		0.63			
R4/511		W10/511	35.49	31.63	3.86	10.88	R4/511		W10/511	0.68		0.63			
R4/511		W11/511	24.66	21.18	3.48	14.11	R4/511		W11/511	2.31		2.11			
R4/511		W12/511	16.66	13.18	3.48	20.89	R4/511		W12/511	0.71		0.63			
R4/511		W13/511	28.61	25.71	2.90	10.14	R4/511		W13/511	0.56		0.53			
R4/511		W14/511	26.79	24.21	2.58	9.63	R4/511		W14/511	0.53	5.48	0.50	5.04	0.44	8.04
R5/511		W15/511	25.38	23.34	2.04	8.04	R5/511		W15/511	0.59		0.57			
R5/511		W16/511	24.23	22.73	1.50	6.19	R5/511		W16/511	0.57		0.55			
R5/511		W17/511	23.32	22.20	1.12	4.80	R5/511		W17/511	0.55	1.70	0.54	1.66	0.04	2.52
R1/512		W1/512	34.40	34.40	0.00	0.00	R1/512		W1/512	1.02		1.02			
R1/512		W2/512	34.16	34.16	0.00	0.00	R1/512		W2/512	1.02		1.02			
R1/512		W3/512	19.01	18.93	0.08	0.42	R1/512		W3/512	2.56	4.60	2.56	4.60	0.01	0.11
R2/512		W4/512	19.26	19.26	0.00	0.00	R2/512		W4/512	2.98		2.98			
R2/512		W5/512	35.01	33.58	1.43	4.08	R2/512		W5/512	1.04		1.02			
R2/512		W6/512	35.12	33.56	1.56	4.44	R2/512		W6/512	1.04	5.07	1.01	5.01	0.06	1.11
R3/512		W7/512	35.17	33.45	1.72	4.89	R3/512		W7/512	1.12		1.08			
R3/512		W8/512	35.28	33.39	1.89	5.36	R3/512		W8/512	1.12	2.24	1.08	2.16	0.08	3.44
R4/512		W9/512	35.50	33.42	2.08	5.86	R4/512		W9/512	0.68		0.65			
R4/512		W10/512	35.61	33.31	2.30	6.46	R4/512		W10/512	0.68		0.65			
R4/512		W11/512	25.96	23.81	2.15	8.28	R4/512		W11/512	2.39		2.26			
R4/512		W12/512	16.73	14.65	2.08	12.43	R4/512		W12/512	0.71		0.67			

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
R4/512		W13/512	32.46	30.72	1.74	5.36	R4/512		W13/512	0.62		0.61			
R4/512		W14/512	31.45	29.89	1.56	4.96	R4/512		W14/512	0.61	5.69	0.59	5.43	0.26	4.62
R5/512		W15/512	30.61	29.21	1.40	4.57	R5/512		W15/512	0.69		0.68			
R5/512		W16/512	29.83	28.57	1.26	4.22	R5/512		W16/512	0.68		0.66			
R5/512		W17/512	28.83	27.68	1.15	3.99	R5/512		W17/512	0.66	2.02	0.64	1.98	0.04	2.18
R1/513		W1/513	34.58	34.58	0.00	0.00	R1/513		W1/513	1.03		1.03			
R1/513		W2/513	34.34	34.34	0.00	0.00	R1/513		W2/513	1.02		1.02			
R1/513		W3/513	19.41	19.41	0.00	0.00	R1/513		W3/513	2.59	4.64	2.59	4.64	0.00	0.00
R2/513		W4/513	19.71	19.71	0.00	0.00	R2/513		W4/513	3.02		3.02			
R2/513		W5/513	35.14	34.56	0.58	1.65	R2/513		W5/513	1.05		1.03			
R2/513		W6/513	35.25	34.62	0.63	1.79	R2/513		W6/513	1.05	5.11	1.03	5.09	0.02	0.45
R3/513		W7/513	35.30	34.60	0.70	1.98	R3/513		W7/513	1.12		1.11			
R3/513		W8/513	35.40	34.64	0.76	2.15	R3/513		W8/513	1.13	2.25	1.11	2.22	0.03	1.34
R4/513		W9/513	35.63	34.78	0.85	2.39	R4/513		W9/513	0.68		0.67			
R4/513		W10/513	35.73	34.79	0.94	2.63	R4/513		W10/513	0.68		0.67			
R4/513		W11/513	27.26	26.32	0.94	3.45	R4/513		W11/513	2.46		2.40			
R4/513		W12/513	16.98	16.09	0.89	5.24	R4/513		W12/513	0.72		0.70			
R4/513		W13/513	35.46	34.74	0.72	2.03	R4/513		W13/513	0.68		0.67			
R4/513		W14/513	34.84	34.20	0.64	1.84	R4/513		W14/513	0.66	5.88	0.66	5.77	0.11	1.80
R5/513		W15/513	34.33	33.75	0.58	1.69	R5/513		W15/513	0.77		0.76			
R5/513		W16/513	33.85	33.33	0.52	1.54	R5/513		W16/513	0.76		0.75			
R5/513		W17/513	33.26	32.78	0.48	1.44	R5/513		W17/513	0.74	2.27	0.74	2.25	0.02	0.79
R1/514		W1/514	34.72	34.72	0.00	0.00	R1/514		W1/514	1.03		1.03			
R1/514		W2/514	34.49	34.49	0.00	0.00	R1/514		W2/514	1.03		1.03			
R1/514		W3/514	21.63	21.63	0.00	0.00	R1/514		W3/514	2.80	4.85	2.80	4.85	0.00	0.00
R2/514		W4/514	21.81	21.81	0.00	0.00	R2/514		W4/514	3.27		3.27			
R2/514		W5/514	35.27	35.27	0.00	0.00	R2/514		W5/514	1.05		1.05			
R2/514		W6/514	35.37	35.37	0.00	0.00	R2/514		W6/514	1.05	5.37	1.05	5.37	0.00	0.00
R3/514		W7/514	35.42	35.42	0.00	0.00	R3/514		W7/514	1.12		1.12			

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
R3/514		W8/514	35.53	35.53	0.00	0.00	R3/514		W8/514	1.13	2.25	1.13	2.25	0.00	0.00
R4/514		W9/514	35.74	35.74	0.00	0.00	R4/514		W9/514	0.68		0.68			
R4/514		W10/514	35.84	35.84	0.00	0.00	R4/514		W10/514	0.69		0.69			
R4/514		W11/514	29.30	29.30	0.00	0.00	R4/514		W11/514	2.58		2.58			
R4/514		W12/514	18.57	18.57	0.00	0.00	R4/514		W12/514	0.77		0.77			
R4/514		W13/514	38.46	38.46	0.00	0.00	R4/514		W13/514	0.73		0.73			
R4/514		W14/514	38.29	38.29	0.00	0.00	R4/514		W14/514	0.72	6.18	0.72	6.17	0.00	0.06
R5/514		W15/514	38.15	38.15	0.00	0.00	R5/514		W15/514	0.84		0.84			
R5/514		W16/514	38.02	38.02	0.00	0.00	R5/514		W16/514	0.84		0.84			
R5/514		W17/514	37.85	37.85	0.00	0.00	R5/514		W17/514	0.84	2.52	0.84	2.52	0.00	0.08

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
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CENTRE POINT HOUSE

R1/66		152.9	126.8	126.8	0.0	0.0
R2/66		168.6	154.7	154.7	0.0	0.0
R3/66		168.6	159.2	159.2	0.0	0.0
R4/66		172.7	168.7	168.7	0.0	0.0
R5/66		172.7	171.6	171.6	0.0	0.0
R6/66		168.6	168.6	165.6	3.0	1.8
R7/66		168.6	168.6	128.7	39.9	23.7
R8/66		172.7	154.9	114.5	40.5	26.1
R9/66		172.7	149.0	110.1	38.9	26.1
R10/66		168.6	145.9	99.4	46.5	31.9
R11/66		168.6	146.0	94.8	51.2	35.1
R12/66		175.6	152.5	99.3	53.3	35.0
R1/67		152.9	129.5	129.5	0.0	0.0
R2/67		168.6	154.4	154.4	0.0	0.0
R3/67		168.6	157.4	157.4	0.0	0.0
R4/67		172.7	165.3	165.3	0.0	0.0
R5/67		172.7	169.6	169.6	0.0	0.0
R6/67		168.6	168.6	160.9	7.7	4.6
R7/67		168.6	168.4	112.9	55.6	33.0
R8/67		172.7	115.3	68.7	46.6	40.4
R9/67		172.7	115.4	69.1	46.2	40.0
R10/67		168.6	148.6	90.7	58.0	39.0
R11/67		168.6	149.0	91.0	58.0	38.9
R12/67		175.6	117.8	74.5	43.3	36.8
R1/68		152.9	113.1	113.1	0.0	0.0
R2/68		168.6	155.3	155.3	0.0	0.0
R3/68		168.6	161.6	161.6	0.0	0.0
R4/68		172.7	166.3	166.3	0.0	0.0
R5/68		172.7	170.5	170.5	0.0	0.0
R6/68		168.6	168.6	168.6	0.0	0.0
R7/68		168.6	168.6	156.0	12.5	7.4
R8/68		172.7	172.7	104.4	68.3	39.5
R9/68		172.7	172.7	94.6	78.1	45.2
R10/68		168.6	168.6	121.5	47.0	27.9
R11/68		168.6	168.6	116.2	52.4	31.1
R12/68		175.6	175.5	79.0	96.5	55.0
R1/69		152.9	129.5	129.5	0.0	0.0
R2/69		168.6	155.1	155.1	0.0	0.0
R3/69		168.6	160.7	160.7	0.0	0.0
R4/69		172.7	168.1	168.1	0.0	0.0
R5/69		172.7	171.2	171.2	0.0	0.0
R6/69		168.6	168.6	168.5	0.0	0.0
R7/69		168.6	168.6	159.7	8.8	5.2
R8/69		172.7	172.7	103.5	69.2	40.1
R9/69		172.7	172.7	94.4	78.3	45.3
R10/69		168.6	168.6	117.2	51.4	30.5
R11/69		168.6	168.6	110.6	57.9	34.3
R12/69		175.6	175.5	95.0	80.5	45.9
R1/70		152.9	120.0	120.0	0.0	0.0
R2/70		168.6	157.3	157.3	0.0	0.0
R3/70		168.6	166.1	166.1	0.0	0.0
R4/70		172.7	171.3	171.3	0.0	0.0

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R5/70		172.7	172.5	172.5	0.0	0.0
R6/70		168.6	168.6	168.6	0.0	0.0
R7/70		168.6	168.6	168.6	0.0	0.0
R8/70		172.7	172.7	154.6	18.1	10.5
R9/70		172.7	172.7	134.9	37.8	21.9
R10/70		168.6	168.6	151.4	17.2	10.2
R11/70		168.6	168.6	146.4	22.1	13.1
R12/70		175.6	175.5	117.5	58.0	33.0
R1/71		152.9	139.6	139.6	0.0	0.0
R2/71		168.6	160.5	160.5	0.0	0.0
R3/71		168.6	167.9	167.9	0.0	0.0
R4/71		172.7	172.7	172.7	0.0	0.0
R5/71		172.7	172.7	172.7	0.0	0.0
R6/71		168.6	168.6	168.6	0.0	0.0
R7/71		168.6	168.6	168.6	0.0	0.0
R8/71		172.7	172.7	169.9	2.8	1.6
R9/71		172.7	172.7	165.7	7.0	4.1
R10/71		168.6	168.6	157.8	10.8	6.4
R11/71		168.6	168.6	156.1	12.4	7.4
R12/71		175.6	175.5	162.6	12.9	7.4

CENTRE POINT

R1/202	315.3	315.1	315.1	0.0	0.0
R2/202	320.2	320.1	320.1	0.0	0.0
R3/202	326.5	324.6	324.6	0.0	0.0
R1/203	224.5	219.1	215.1	4.0	1.8
R2/203	230.2	223.9	218.6	5.3	2.4
R3/203	233.6	228.2	222.6	5.5	2.4
R4/203	234.8	133.4	123.5	9.9	7.4
R1/204	224.5	219.9	218.5	1.3	0.6
R2/204	230.2	224.6	223.7	0.9	0.4
R3/204	233.6	231.0	229.0	2.0	0.9
R4/204	232.5	232.3	231.1	1.2	0.5
R5/204	230.3	230.2	230.1	0.0	0.0
R6/204	233.7	233.5	233.5	0.0	0.0
R7/204	232.7	232.5	232.5	0.0	0.0
R1/205	224.5	224.3	224.3	0.0	0.0
R2/205	230.2	230.1	230.1	0.0	0.0
R3/205	233.6	233.4	233.4	0.0	0.0
R4/205	232.5	232.3	232.3	0.0	0.0
R5/205	230.3	230.2	230.2	0.0	0.0
R6/205	233.7	233.5	233.5	0.0	0.0
R7/205	232.7	232.5	232.5	0.0	0.0
R1/206	224.5	224.3	224.3	0.0	0.0
R2/206	230.2	230.1	230.1	0.0	0.0
R3/206	233.6	233.4	233.4	0.0	0.0
R4/206	232.5	232.3	232.3	0.0	0.0
R5/206	230.3	230.2	230.2	0.0	0.0
R6/206	233.7	233.5	233.5	0.0	0.0
R7/206	232.7	232.5	232.5	0.0	0.0
R1/207	224.5	224.3	224.3	0.0	0.0
R2/207	230.2	230.1	230.1	0.0	0.0

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R3/207		233.6	233.4	233.4	0.0	0.0
R4/207		232.5	232.3	232.3	0.0	0.0
R5/207		230.3	230.2	230.2	0.0	0.0
R6/207		233.7	233.5	233.5	0.0	0.0
R7/207		232.7	232.5	232.5	0.0	0.0
R1/208		224.5	224.3	224.3	0.0	0.0
R2/208		230.2	230.1	230.1	0.0	0.0
R3/208		233.6	233.4	233.4	0.0	0.0
R4/208		232.5	232.3	232.3	0.0	0.0
R5/208		230.3	230.2	230.2	0.0	0.0
R6/208		233.7	233.5	233.5	0.0	0.0
R7/208		232.7	232.5	232.5	0.0	0.0

1-53 MATILDA APARTMENTS

R1/501	130.1	104.1	104.1	0.0	0.0
R2/501	129.9	129.6	129.6	0.0	0.0
R3/501	119.9	119.0	119.0	0.0	0.0
R4/501	227.8	227.7	221.1	6.6	2.9
R5/501	198.0	62.0	23.8	38.1	61.5
R1/502	130.1	122.6	122.6	0.0	0.0
R2/502	129.9	129.7	129.6	0.1	0.1
R3/502	119.9	119.0	119.0	0.0	0.0
R4/502	227.8	227.7	224.5	3.1	1.4
R5/502	198.0	66.4	28.5	37.9	57.1
R1/503	130.1	125.3	125.3	0.0	0.0
R2/503	129.9	129.7	129.6	0.1	0.1
R3/503	119.9	119.0	119.0	0.0	0.0
R4/503	227.8	227.7	227.6	0.1	0.0
R5/503	198.0	71.6	31.8	39.8	55.6
R1/504	130.1	128.5	128.5	0.0	0.0
R2/504	129.9	129.7	129.6	0.1	0.1
R3/504	119.9	119.0	119.0	0.0	0.0
R4/504	227.8	227.7	227.7	0.0	0.0
R5/504	198.0	83.3	39.0	44.3	53.2
R1/505	130.1	128.9	128.9	0.0	0.0
R2/505	129.9	129.7	129.6	0.1	0.1
R3/505	119.9	119.0	119.0	0.0	0.0
R4/505	227.8	227.6	227.6	0.0	0.0
R5/505	198.0	106.4	53.0	53.4	50.2
R1/506	130.1	128.9	128.9	0.0	0.0
R2/506	129.9	129.7	129.7	0.0	0.0
R3/506	119.9	119.0	119.0	0.0	0.0
R4/506	227.8	227.6	227.6	0.0	0.0
R5/506	198.0	120.8	61.5	59.3	49.1
R1/507	130.1	130.1	130.1	0.0	0.0
R2/507	129.9	129.7	129.7	0.0	0.0
R3/507	119.9	119.0	119.0	0.0	0.0
R4/507	227.8	227.6	227.6	0.0	0.0
R5/507	198.0	132.6	70.3	62.2	46.9
R1/508	130.1	130.1	130.1	0.0	0.0
R2/508	129.9	129.7	129.7	0.0	0.0
R3/508	119.9	119.0	119.0	0.0	0.0

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R4/508		227.8	227.6	227.6	0.0	0.0
R5/508		198.0	134.1	86.8	47.3	35.3
R1/509		130.1	130.1	130.1	0.0	0.0
R2/509		129.9	129.7	129.7	0.0	0.0
R3/509		119.9	119.0	119.0	0.0	0.0
R4/509		227.8	227.8	227.8	0.0	0.0
R5/509		198.0	135.6	102.8	32.9	24.3
R1/510		130.1	130.1	130.1	0.0	0.0
R2/510		129.9	129.7	129.7	0.0	0.0
R3/510		119.9	119.0	119.0	0.0	0.0
R4/510		227.8	227.8	227.8	0.0	0.0
R5/510		198.0	146.5	134.9	11.6	7.9
R1/511		130.1	130.1	130.1	0.0	0.0
R2/511		129.9	129.7	129.7	0.0	0.0
R3/511		119.9	119.0	119.0	0.0	0.0
R4/511		227.8	227.8	227.8	0.0	0.0
R5/511		198.0	190.3	190.3	0.0	0.0
R1/512		130.1	130.1	130.1	0.0	0.0
R2/512		129.9	129.7	129.7	0.0	0.0
R3/512		119.9	119.0	119.0	0.0	0.0
R4/512		227.8	227.8	227.8	0.0	0.0
R5/512		198.0	190.3	190.3	0.0	0.0
R1/513		130.1	130.1	130.1	0.0	0.0
R2/513		129.9	129.8	129.8	0.0	0.0
R3/513		119.9	119.0	119.0	0.0	0.0
R4/513		227.8	227.8	227.8	0.0	0.0
R5/513		198.0	196.8	196.8	0.0	0.0
R1/514		130.1	130.1	130.1	0.0	0.0
R2/514		129.9	129.9	129.9	0.0	0.0
R3/514		119.9	119.0	119.0	0.0	0.0
R4/514		227.8	227.8	227.8	0.0	0.0
R5/514		198.0	196.8	196.8	0.0	0.0

Room	Window	Room Use	Window		Room		Winter %Loss	Annual %Loss	Winter APSH	Annual APSH	Winter %Loss	Annual %Loss	Winter APSH	Annual APSH
			Existing	Proposed	Existing	Proposed								
			Winter APSH	Annual APSH	Winter APSH	Annual APSH								
1-53 MATILDA APARTMENTS														
R1/501	W1/501		14	37	14	37	0.0	0.0						
R1/501	W2/501		13	33	13	33	0.0	0.0						
R1/501	W3/501		0	0	0	0	-	-	14	37	14	37	0.0	0.0
R2/501	W4/501		0	0	0	0	-	-						
R2/501	W5/501		0	1	0	1	-	0.0						
R2/501	W6/501		0	1	0	1	-	0.0	0	1	0	1	-	0.0
R1/502	W1/502		17	40	17	40	0.0	0.0						
R1/502	W2/502		17	37	17	37	0.0	0.0						
R1/502	W3/502		0	0	0	0	-	-	17	40	17	40	0.0	0.0
R2/502	W4/502		0	1	0	1	-	0.0						
R2/502	W5/502		0	1	0	1	-	0.0						
R2/502	W6/502		0	1	0	1	-	0.0	0	1	0	1	-	0.0
R1/503	W1/503		18	41	18	41	0.0	0.0						
R1/503	W2/503		18	39	18	39	0.0	0.0						
R1/503	W3/503		0	0	0	0	-	-	18	41	18	41	0.0	0.0
R2/503	W4/503		0	3	0	3	-	0.0						
R2/503	W5/503		0	3	0	3	-	0.0						
R2/503	W6/503		0	4	0	4	-	0.0	0	4	0	4	-	0.0
R1/504	W1/504		18	42	18	42	0.0	0.0						
R1/504	W2/504		18	41	18	41	0.0	0.0						
R1/504	W3/504		0	0	0	0	-	-	18	42	18	42	0.0	0.0
R2/504	W4/504		0	4	0	4	-	0.0						

Room	Window	Room Use	Window						Room					
			Existing			Proposed			Existing			Proposed		
			Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter %Loss	Annual %Loss	Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter %Loss	Annual %Loss
R2/504	W5/504		0	6	0	6	-	0.0						
R2/504	W6/504		0	6	0	6	-	0.0	0	6	0	6	-	0.0
R1/505	W1/505		19	46	19	46	0.0	0.0						
R1/505	W2/505		19	45	19	45	0.0	0.0						
R1/505	W3/505		0	0	0	0	-	-	19	46	19	46	0.0	0.0
R2/505	W4/505		0	6	0	6	-	0.0						
R2/505	W5/505		0	6	0	6	-	0.0						
R2/505	W6/505		0	8	0	8	-	0.0	0	8	0	8	-	0.0
R1/506	W1/506		19	48	19	48	0.0	0.0						
R1/506	W2/506		19	48	19	48	0.0	0.0						
R1/506	W3/506		0	0	0	0	-	-	19	48	19	48	0.0	0.0
R2/506	W4/506		0	10	0	10	-	0.0						
R2/506	W5/506		0	10	0	10	-	0.0						
R2/506	W6/506		0	10	0	10	-	0.0	0	10	0	10	-	0.0
R1/507	W1/507		19	51	19	51	0.0	0.0						
R1/507	W2/507		19	51	19	51	0.0	0.0						
R1/507	W3/507		0	0	0	0	-	-	19	51	19	51	0.0	0.0
R2/507	W4/507		0	11	0	11	-	0.0						
R2/507	W5/507		0	11	0	11	-	0.0						
R2/507	W6/507		0	11	0	11	-	0.0	0	11	0	11	-	0.0
R1/508	W1/508		20	53	20	53	0.0	0.0						
R1/508	W2/508		20	53	20	53	0.0	0.0						
R1/508	W3/508		0	0	0	0	-	-	20	53	20	53	0.0	0.0

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		
R2/508	W4/508		1	13	1	13	0.0	0.0						
R2/508	W5/508		1	13	1	13	0.0	0.0						
R2/508	W6/508		1	13	1	13	0.0	0.0	1	13	1	13	0.0	0.0
R1/509	W1/509		21	54	21	54	0.0	0.0						
R1/509	W2/509		21	54	21	54	0.0	0.0						
R1/509	W3/509		0	0	0	0	-	-	21	54	21	54	0.0	0.0
R2/509	W4/509		2	14	2	14	0.0	0.0						
R2/509	W5/509		2	14	2	14	0.0	0.0						
R2/509	W6/509		2	14	2	14	0.0	0.0	2	14	2	14	0.0	0.0
R1/510	W1/510		21	54	21	54	0.0	0.0						
R1/510	W2/510		21	54	21	54	0.0	0.0						
R1/510	W3/510		0	0	0	0	-	-	21	54	21	54	0.0	0.0
R2/510	W4/510		2	14	2	14	0.0	0.0						
R2/510	W5/510		2	14	2	14	0.0	0.0						
R2/510	W6/510		2	14	2	14	0.0	0.0	2	14	2	14	0.0	0.0
R1/511	W1/511		21	54	21	54	0.0	0.0						
R1/511	W2/511		21	54	21	54	0.0	0.0						
R1/511	W3/511		0	0	0	0	-	-	21	54	21	54	0.0	0.0
R2/511	W4/511		2	14	2	14	0.0	0.0						
R2/511	W5/511		2	14	2	14	0.0	0.0						
R2/511	W6/511		2	14	2	14	0.0	0.0	2	14	2	14	0.0	0.0
R1/512	W1/512		21	54	21	54	0.0	0.0						
R1/512	W2/512		21	54	21	54	0.0	0.0						
R1/512	W3/512		0	0	0	0	-	-	21	54	21	54	0.0	0.0

Room	Window	Room Use	Window		Window		Window		Room		Room		Room	
			Existing	Proposed	Existing	Proposed	Existing	Proposed	Existing	Proposed	Existing	Proposed	Existing	Proposed
			Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter %Loss	Annual %Loss	Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter %Loss	Annual %Loss
R2/512	W4/512		2	14	2	14	0.0	0.0						
R2/512	W5/512		2	14	2	14	0.0	0.0						
R2/512	W6/512		2	14	2	14	0.0	0.0	2	14	2	14	0.0	0.0
R1/513	W1/513		21	54	21	54	0.0	0.0						
R1/513	W2/513		21	54	21	54	0.0	0.0						
R1/513	W3/513		0	0	0	0	-	-	21	54	21	54	0.0	0.0
R2/513	W4/513		2	14	2	14	0.0	0.0						
R2/513	W5/513		2	14	2	14	0.0	0.0						
R2/513	W6/513		2	14	2	14	0.0	0.0	2	14	2	14	0.0	0.0
R1/514	W1/514		21	54	21	54	0.0	0.0						
R1/514	W2/514		21	54	21	54	0.0	0.0						
R1/514	W3/514		0	0	0	0	-	-	21	54	21	54	0.0	0.0
R2/514	W4/514		2	17	2	17	0.0	0.0						
R2/514	W5/514		2	14	2	14	0.0	0.0						
R2/514	W6/514		2	14	2	14	0.0	0.0	2	17	2	17	0.0	0.0