

Central Somers Town CIP

Daylight, Sunlight & Overshadowing Report

Todd Longstaffe-Gowan Ltd.

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DECEMBER 2015





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PROPOSED REVELOPMENT AT
SOMERS TOWN, NW1

Daylight, Sunlight &
Overshadowing Report

Overshadowing

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

Solar Glare • *Daylight Design*

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1 Executive Summary

- 1.1 The scope of this report is to consider the potential daylight and sunlight effects that may occur to the existing surrounding residential properties as a result of the proposed development at Somers Town, Camden.
- 1.2 The assessment has been undertaken with regard to Camden Councils' adopted planning policy and, as cited within this planning policy, the advice and recommendations set out in the Building Research Establishment (BRE) report entitled 'Site layout planning for daylight and sunlight: A guide to good practice' (Referred to in this report as the "BRE guidelines").
- 1.3 In central urban locations where the proposed site is currently undeveloped, reductions of daylight and sunlight beyond the BRE guidelines as a result of redevelopments such as this are considered likely. This is because the existing levels of daylight and sunlight can be very high and applying the BRE guidelines 20% reduction rule can still result in a level above what is considered a good level of daylight or sunlight for a suburban context. The conclusions reached have therefore included consideration of alternative target values more suitable for an urban location where the general BRE guidelines are not initially met.
- 1.4 Detailed daylight and sunlight assessments have been carried out to the surrounding residential habitable room windows. In accordance with the BRE guidelines detailed assessments have not been carried out to the surrounding commercial or non-habitable room windows as they are not considered to have a reasonable expectation of daylight or sunlight.
- 1.5 In addition to daylight and sunlight assessments on the surrounding windows, sunlight on ground assessments have been carried out to the nearby gardens and amenity spaces so as to be able to consider the likely additional overshadowing that could be caused by the proposals.
- 1.6 Overall the results show that where the general BRE guidelines criteria is not met, good levels of daylight and sunlight will generally remain when taking into account the urban context. Where the levels of daylight and sunlight may not be strictly considered 'good' the remaining levels are certainly considered 'adequate'.
- 1.7 Overall, we are therefore of the view that the reductions of daylight and sunlight are not materially adverse in the context of Camden's planning policy and, when the effects are balanced against the various merits of the scheme, that the daylight and sunlight impacts can be considered acceptable.

2 Introduction

- 2.1 Point 2 Surveyors Ltd has been appointed by Camden Borough Council to undertake a daylight, sunlight and overshadowing study with regard to the proposed development at the 'Somers Town Site' (The Site).
- 2.2 The scope of this report is to consider the potential daylight, sunlight and overshadowing effects that may occur to the existing surrounding residential properties as a result of the proposed development.
- 2.3 The assessment set out in this report has been based on the submitted plans and elevations. We have also utilised land survey information for the majority of the surrounding properties but made assumptions where any information was missing or not visible from the public highways or parks.
- 2.4 A Site Plan, 3D Views of the scheme modelling, Window Map Plans and detailed results tables are given at Appendices 1 to 6.

3 Planning Policy

3.1 The site is located within the London Borough of Camden and the potential effects have therefore been considered against their current planning policy.

3.2 Camden's Local Development Framework (LDF) includes Development Policy DP26 – '*Managing the impact of development on occupiers and neighbours*' which sets out the Council's policy on daylight and sunlight. This states:

The Council will protect the quality of life of occupiers and neighbours by only granting permission for development that does not cause harm to amenity. The factors we will consider include:

- a) visual privacy and overlooking;
- b) overshadowing and outlook;
- c) sunlight, daylight and artificial light levels;
- d) noise and vibration levels;
- e) odour, fumes and dust;
- f) microclimate;

3.3 In addition to the above, Section 6 of Camden's Planning Guidance (CPG), which is found as a supporting document of the LDF states:

6.4 A daylight and sunlight report should assess the impact of the development following the methodology set out in the most recent version of Building Research Establishment (BRE) report: P J Littlefair (2011) "Site Layout Planning for Daylight and Sunlight: A Guide to Good Practice", Building Research Establishment Report 209. [Referred to in this report as the "BRE guidelines"]. Reports may be required for both minor and major applications depending on whether a proposal has the potential to reduce daylight and sunlight levels. The impact will be affected by the location of the proposed development and its proximity to, and position to, nearby windows.

6.5 While we strongly support the aims of the BRE methodology for assessing sunlight and daylight we will view the results flexibly and where appropriate we may accept alternative targets to address any special circumstance of a site.

3.4 In accordance with the above policy, the analysis and conclusions drawn within this report are primarily based on the methodology and recommendations of the BRE guidelines and the documents referenced within.

4 Daylight and Sunlight Calculation Methodology

- 4.1 When assessing any potential likely 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 state at paragraph 2.2.2:

"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."

- 4.2 Commercial properties are generally not treated as having a reasonable expectation of daylight or sunlight. This is because they are usually designed to rely on electric lighting to provide sufficient light by which to work rather than natural daylight or sunlight. In addition to commercial buildings, windows to residential properties which serve non-habitable rooms, such as entrance ways, garages, bathrooms or store rooms, are also considered not to have a reasonable expectation of daylight or sunlight and are therefore not assessed.

- 4.3 It is also important to note that in urban locations, where townscape issues and urban design dictate the design considerations, a planning balance having regard to daylight and sunlight effects needs to be found. It is, therefore, sometimes necessary to apply the BRE guideline criteria flexibly, having regard to a site's location and/or the density of development in the surrounding area. This is supported by the BRE guidelines which state within the opening summary:

"This guide is a comprehension revision of the 1991 edition of Site Layout Planning for Daylight and Sunlight: A Guide to Good Practice. It is purely advisory and the numerical target values within it may be varied to meet the needs of the developments and its location".

- 4.4 Where a property is considered to have a reasonable expectation of daylight or sunlight the following methodology and target criteria to assess the impacts has been initially used. Further consideration as to any alternative values and criteria based on the methodology set out below is given in Section 5 of this report:

Daylighting

- 4.5 Where the internal arrangements are not known, the BRE guidelines set out three methods for assessing the daylight impacts on neighbouring properties. These methods are summarised as follows:

- 4.6 **Method 1:** the first method is to strike a line at an angle of 25° from the centre of the lowest existing windows. If the profile of the proposed development sits beneath the 25° angle line then the development is unlikely to have a substantial effect on the daylight enjoyed by the existing building. This test is known as the 25° angle test. If the proposed development protrudes past the 25° angle line then the second test (outlined below) needs to be applied.

- 4.7 **Method 2:** this method calculates the VSC at the centre point of each affected window on the outside face of the wall in question. The VSC is an external daylighting calculation that measures the amount of direct daylight to a specific window point on the outside of a property. The calculations fundamentally assess the amount of blue sky that can be seen, converting results into a percentage. A window looking into an empty field will achieve a maximum value of 40%. However, the BRE suggests that 27% VSC is a good level of daylight. If a window does not achieve 27% VSC in the 'proposed development' scenario, then the third test is used.
- 4.8 **Method 3:** this method involves calculating the VSC at the window in the existing situation, i.e. before redevelopment. If the reduction of VSC is less than 0.8 times its former value, then the occupants of the adjoining building are likely to notice the reduction in daylight.
- 4.9 The first method set out above (the 25° angle test) is only normally applicable where the proposed development is a single obstruction of the same height opposite the affected window. This method does not therefore properly reflect the differing heights of the Development and has not been used.
- 4.10 In conjunction with the VSC tests (methods 2 and 3 above), and where the internal arrangements are known, the BRE guidelines and BS 8206-2:2008 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.
- 4.11 To assess the effect 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

- 4.12 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."

- 4.13 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."

- 4.14 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.

Overshadowing

- 4.15 The methodology for the assessment of overshadowing is set out in the 2011 BRE Guidance and is summarised below. The 2011 BRE Guidelines acknowledges that:

“Good Site layout planning for daylight and sunlight should not limit itself to providing good natural light inside buildings. Sunlight in the space between buildings has an important effect on the overall appearance and ambience of a development.”

- 4.16 The BRE guidelines suggest that the availability of sunlight should be checked for all open spaces where it is required. This would normally include:

- Gardens; usually the main back garden of a house;
- Parks and playing fields;
- Children’s playgrounds
- Outdoor swimming pools and paddling pools;
- Sitting out areas such as those between non-domestic buildings and in public squares;
- Focal points for views such as a group of monuments or fountains.

- 4.17 The 2011 BRE Guidelines suggests that the Spring Equinox (21st March) is a good date for assessment as the sun is at its midpoint in the sky. Using specialist software, the path of the sun is tracked which maps obstructions and compares them to the known sun paths to determine where the sun would reach the ground and where it would not.

- 4.18 The BRE suggests that for a garden or amenity area to appear adequately sunlit throughout the year, no more than half (50%) of the area should be prevented by buildings from receiving two hours of sunlight on the 21st March.

- 4.19 The 2011 BRE Guidelines then go on to suggest that if, as a result of new development, an existing garden or amenity area (external receptor) does not meet the guidance, or the area which can receive some sun on the 21st March is less than 0.8 times its former value then the loss of sunlight is likely to be noticeable.

5 Target Values of Daylight & Sunlight for the Site's Location

- 5.1 In central urban locations where the proposed site is currently undeveloped, reductions of daylight and sunlight beyond the BRE guidelines as a result of redevelopments such as this are considered likely. This is because the existing levels of daylight and sunlight can be very high and applying the BRE guidelines 20% reduction rule can still result in a level above what is considered a good level of daylight or sunlight for a suburban area.
- 5.2 The above view is supported by the BRE guidelines which recognises that it may not be appropriate to apply the general guidance but set alternative target values based on the locality of the proposed site. Therefore, where the likely reductions are beyond the general BRE guidelines criteria this report has considered whether the likely retained levels of daylight and sunlight are commensurate with other residential buildings in the local area and the urban context of the scheme.
- 5.3 In our experience of advising on daylight and sunlight matters we consider that in an urban context a VSC of 20% and above is considered a good level of daylight. We would also consider a VSC above 15% an acceptable level in most circumstances but given the general low rise nature of the area we have considered a target more towards 20% appropriate for this site.
- 5.4 With regards to daylight distribution we generally find that it is difficult to retain direct daylight to at least 80% of the working place in urban locations without having to compromise on other factors such as ensuring the development potential of the site is fully utilised. In addition it is often found that this level is not achieved in the existing condition. For urban locations we are generally of the view that if more than 50% of the working plane can continue to receive some direct daylight then the room can be considered to retain an acceptable level of daylight distribution.
- 5.5 In terms of sunlight we would generally consider that a total APSH above 17% is good for an urban environment. Winter sunlight is often much more difficult to achieve in urban areas and we would therefore generally consider that anything above 3% good for an urban context.
- 5.6 Where the likely overshadowing effects are unlikely to meet the BRE guidelines, we have considered on which day in the year the particular garden or amenity space is likely to enjoy at least 2 hours of sun to at least 50% of its area. If this date is close to the recommended assessment date of 21 March it is our view that the space can still be considered an acceptably sunlit amenity area when taking into account the urban context.
- 5.7 The assessment uses above alternative target values where the general guidance is not initially met.

6 The Scope of Assessment

- 6.1 The following image (Figure 1) shows the proposed development site and the surrounding properties.

Figure 1 – Site Plan



- 6.2 For this assessment we have undertaken a laser scan survey of the site and the surrounding areas. Utilising the survey data and the proposed plans and elevations we have created a 3D digital computer model of the site and surrounding properties to undertake our technical assessments. A full set of the technical results can be found within the Appendices of this report.

We have not had access into any of the surrounding properties and have therefore based the internal layouts of the surrounding properties based on notes taken during our site visit, online research and plans obtained from Camden Council.

- 6.3 We have considered the following surrounding properties as a result of this proposed development:

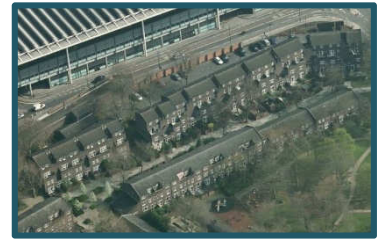
A. <i>Coopers Lane</i>	H. <i>St. Anthony's Flats</i>
B. <i>Hampden Close</i>	I. <i>Phyllis Hodges House</i>
C. <i>Clyde Court</i>	J. <i>101-113 Chalton Street</i>
D. <i>Somers Close</i>	K. <i>Walker House</i>
E. <i>Charrington Street</i>	L. <i>Monica Shaw Court</i>
F. <i>Regent High School</i>	M. <i>Purchase Street</i>
G. <i>130 Chalton Street (PH)</i>	N. <i>Phoenix Court</i>

- 6.4 Overshadowing assessments have been run upon the gardens of Coopers Lane and Hampden Close, situated to the northern and eastern sides of the site. Overshadowing assessments have also been undertaken to the proposed amenity spaces.

7 Assessment Results

Coopers Lane Properties

Coopers Lane is situated east of the proposed site. The properties that have been assessed are No. 1-61.



1-5 Cooper Lane

Daylight

- 7.1 13 habitable rooms served by 22 windows have been assessed to these properties.
- 7.2 Of the 22 Windows assessed to these properties 13 will meet the BRE guidelines recommendations for the VSC test. In addition, all rooms will continue to receive very good levels of daylight distribution.
- 7.3 Of the 9 Windows that do not meet the guidelines 5 are secondary windows where the main window meets the BRE criteria. The NSL results also show that these rooms will continue to receive very good levels of daylight distribution with the proposed development in place. Overall, the impact to these rooms is therefore considered negligible.
- 7.4 The remaining 4 windows serve 3 rooms. The results show that although they will experience a reduction beyond the BRE guidelines each window will continue to receive a VSC above 20% in the proposed scenario. In addition each room will continue to enjoy very good levels of daylight distribution. The rooms are therefore considered to continue to receive a good level of daylight for an urban area.

Sunlight

- 7.5 The sunlight results show that of the 13 rooms assessed all but 4 will continue to receive a good level of sunlight in accordance with the BRE guidelines.
- 7.6 Of the 4 rooms that do not meet the BRE criteria each will continue to receive very good levels of Total APSH with at least 27% recorded against a suggested criteria of 25%. The only reason the results do not pass the BRE guidelines is the fact that these rooms will enjoy 4% APSH in the winter months rather than the recommended 5%. Given that each room will enjoy more sunlight throughout the year than is recommended by the BRE guidelines, but slightly less in the winter months the overall effect is considered acceptable and the remaining values are considered good for an urban area.

Overshadowing

- 7.7 Two of the three rear gardens to these properties (No's 3 & 5) will continue to experience good levels of sunlight with over 50% of the area enjoying at least 2 hours of sunlight on 21st March. The remaining garden to No.1 Coopers Lane will continue to enjoy 2 hours of sunlight to 36.5% of its area on 21 March. Further tests show that 50% of this garden will enjoy 2 hours of sunlight from the 27 March which is only 6 days later in the year. It is therefore considered that this garden will continue to receive good levels of sunlight throughout the year for an urban area.

2-12 Coopers Lane

Daylight

- 7.8 22 habitable rooms, served by 49 windows, have been assessed to these properties.
- 7.9 The results show that all but 5 windows meet the BRE guidelines with regards to the VSC test. All rooms will continue to receive very good levels of daylight distribution.
- 7.10 Of the 5 windows that do not meet the BRE guidelines, 3 of the windows are secondary windows where the main window meets the BRE criteria. Coupled with the fact that good levels of daylight distribution will remain, the overall impact on these rooms is considered negligible.
- 7.11 The remaining 2 windows are assumed to serve a small room and possibly a bathroom, which would mean the effects are acceptable. However, if our assumptions are wrong the reductions are only slightly beyond the BRE guidelines with the largest reduction being 23.47% against a recommended criteria of 20%. Coupled with the fact that both rooms will continue to enjoy very good levels of daylight distribution, we are of the view that the potential effect to these rooms can be considered acceptable.

Sunlight

- 7.12 The sunlight results show 8 of the 22 rooms will meet the BRE guidelines APSH test.
- 7.13 Similar to the results for 1-5 Coopers Lane, the remaining 14 rooms will generally continue to receive very good levels of sunlight for an urban area and only technically fail the BRE guidelines by receiving a winter APSH slightly below the recommended value. The remaining values to each room are however considered a good level of sunlight for an urban area and the effects can therefore be considered acceptable.

Overshadowing

- 7.14 One of the three rear gardens to these properties will continue to experience good levels of sunlight with over 50% of the area enjoying at least 2 hours of sunlight on 21st March. Further tests on the remaining two gardens show that 50% of these gardens will enjoy 2 hours of sunlight from 27 March which is only 6 days later in the year. It is therefore considered that these gardens will continue to receive good levels of sunlight throughout the year for an urban area.

7-11 Coopers Lane

Daylight

- 7.15 17 habitable rooms, served by 24 windows, have been assessed to these properties.
- 7.16 The results show that all but 5 windows meet the BRE guidelines with regards to the VSC test. All rooms will continue to receive very good levels of daylight distribution.

- 7.17 Of the 5 windows that do not meet the BRE guidelines, 4 of the windows are secondary windows where the main window meets the BRE criteria. Coupled with the fact that good levels of daylight distribution will remain, the overall impact on these rooms is considered negligible.
- 7.18 The remaining 1 window will continue to receive a VSC of 26.83% which is only very marginally below the BRE guidelines suggested criteria of 27%. Coupled with the fact that good levels of daylight distribution will remain, the overall impact on the room is considered negligible.

Sunlight

- 7.19 The sunlight results show that all rooms should continue to receive good levels of sunlight in accordance with the BRE guidelines.

Overshadowing

- 7.20 Two of the three rear gardens to these properties (No's 9 & 11) will continue to experience good levels of sunlight with over 50% of the area enjoying at least 2 hours of sunlight on 21st March.
- 7.21 The remaining garden to No.7 Coopers Lane will continue to enjoy 2 hours of sunlight to 49.5% of its area on 21 March. This is below the BRE guidelines to a negligible degree and the garden is therefore considered to enjoy a good level of sunlight in the proposed condition, especially for an urban area.

13-19 Coopers Lane

Daylight

- 7.22 14 habitable rooms, served by 20 windows, have been assessed to these properties.
- 7.23 The results show that all but 5 windows do not meet the BRE guidelines with regards to the VSC test. In addition, the NSL tests show that 6 rooms will experience reductions beyond the BRE guidelines criteria.
- 7.24 The results show that a number of rooms will experience a reduction in daylight beyond the BRE guidelines but this is only because there are no buildings currently on the site.
- 7.25 On review of the results each window will continue to enjoy a VSC of over, or just below, 20% which is considered a good level of daylight for an urban area. All properties are therefore considered to receive a good level of daylight for an urban area in the proposed scenario.

Sunlight

- 7.26 The results show that all rooms should continue to receive good levels of sunlight in accordance with the BRE guidelines with the proposed development in place.

Overshadowing

- 7.27 The overshadowing results show that the two rear gardens will continue to experience good levels of sunlight in the proposed scenario with over 50% of each area enjoying at least 2 hours of sunlight on 21st March.

21-27 Coopers Lane

Daylight

- 7.28 14 habitable rooms, served by 22 windows, have been assessed to these properties.
- 7.29 The results show that all but 1 window does not meet the BRE guidelines with regards to the VSC test. In addition the NSL tests show that 12 rooms will experience reductions beyond the BRE guidelines criteria.
- 7.30 The results show that a number of rooms will experience a reduction in daylight beyond the BRE guidelines but this is only because there are no buildings currently on the site. On review of the results each window will continue to enjoy a VSC above, or just below 20% in the proposed scenario which is considered a good level of daylight for an urban area.
- 7.31 When considering that a VSC of 20% is a good level of daylight for an urban area, all rooms are considered to receive a good level of daylight in the proposed scenario.

Sunlight

- 7.32 The results show that all rooms should continue to receive good levels of sunlight in accordance with the BRE guidelines with the proposed development in place.

Overshadowing

- 7.33 The overshadowing results show that the two rear gardens will continue to experience good levels of sunlight in the proposed scenario with over 50% of each area enjoying at least 2 hours of sunlight on 21st March.

29-35 Coopers Lane

Daylight

- 7.34 14 habitable rooms, served by 20 windows, have been assessed to these properties.
- 7.35 The results show that all but 1 window does not meet the BRE guidelines with regards to the VSC test. However, the NSL tests show that all but one room will continue to experience a good level of daylight distribution.
- 7.36 The results show that a number of rooms will experience a reduction in daylight beyond the BRE guidelines but this is only because there are no buildings currently on the site. On review of the results each window will continue to enjoy a VSC above 20% in the proposed scenario which is considered a good level of daylight for an urban area.

- 7.37 When considering that a VSC of 20% is a good level of daylight for an urban area, all rooms are considered to receive a good level of daylight in the proposed scenario.

Sunlight

- 7.38 The results show that all rooms should continue to receive good levels of sunlight in accordance with the BRE guidelines with the proposed development in place.

Overshadowing

- 7.39 One of the two rear gardens to these properties will continue to experience good levels of sunlight with over 50% of the area enjoying at least 2 hours of sunlight on 21st March. Further tests on the remaining garden show that 50% of the area will enjoy 2 hours of sunlight from 24 March which is only 3 days later in the year. It is therefore considered that these gardens will continue to receive good levels of sunlight throughout the year.

37-43 Coopers Lane

Daylight

- 7.40 15 habitable rooms, served by 22 windows, have been assessed to these properties.
- 7.41 The results show that all but 10 windows will meet the BRE guidelines criteria with regards to the VSC test. In addition the NSL tests show that all but 4 rooms will experience reductions within the BRE guidelines criteria.
- 7.42 The results show that a number of rooms will experience a reduction in daylight beyond the BRE guidelines but this is only because there are no buildings currently on the site.
- 7.43 On review of the results each window will continue to enjoy a VSC of over, or just below, 20% which is considered a good level of daylight for an urban area. All properties are therefore considered to receive a good level of daylight for an urban area in the proposed scenario.

Sunlight

- 7.44 The results show that all rooms should continue to receive good levels of sunlight in accordance with the BRE guidelines with the proposed development in place.

Overshadowing

- 7.45 The overshadowing results show that the two rear gardens will continue to experience good levels of sunlight in the proposed scenario with over 50% of each area enjoying at least 2 hours of sunlight on 21st March.

38- 48 Coopers Lane

Daylight

- 7.46 The VSC results show that out of the 96 windows assessed, only one does not meet BRE guidelines with regard to the VSC test. The NSL test shows that all rooms will continue to receive very good levels of daylight distribution with the proposed development in place.

- 7.47 The remaining 1 window is assumed to serve a small room and possibly a bathroom, which would mean the effects are acceptable. However, if our assumptions are wrong the reductions are only slightly beyond the BRE guidelines with the reduction being 28.01% against a recommended criteria of 20%. In addition, it is noted that this room is set back from the main elevation and therefore receives a slightly lower level of daylight in both the existing and proposed scenario. Overall, given that the room will continue to enjoy very good levels of daylight distribution, we are of the view that the potential effect to this room can be considered acceptable.

Sunlight

- 7.48 The results show that all but one room retains good levels of sunlight above that recommended by the BRE guidelines.
- 7.49 The remaining room will receive a Total APSH of 34% of which 4% are in the winter months. The room will therefore receive a very good level of sunlight for the total year, above that recommended by the BRE guidelines in the proposed condition and only marginally below the BRE guidelines for the winter months.
- 7.50 Given that this room will enjoy more sunlight throughout the year than is recommended by the BRE guidelines, but slightly less in the winter months, the overall effect is considered acceptable and the remaining values are considered good for an urban area.

47-53 Coopers Lane & 55-61 Coopers Lane

Daylight

- 7.51 28 habitable rooms, served by 39 windows, have been assessed to these properties.
- 7.52 The results show that all windows will meet the BRE guidelines criteria with regards to the VSC test. In addition the NSL tests show that all rooms will experience reductions well within the BRE guidelines criteria.

Sunlight

- 7.53 The results show that all rooms should continue to receive good levels of sunlight in accordance with the BRE guidelines with the proposed development in place.

Hampden Close

Hampden Close is situated eastern side of the proposed development. The properties that have been assessed are No. 3-5 & 8.



Daylight

- 7.54 Of the 41 windows assessed within Hampden Close, 28 windows retain adequate levels of daylight or experience small reductions within the BRE guidelines.
- 7.55 The remaining 13 windows serve 7 rooms all of which shall continue to experience a VSC above 20% which is considered good for an urban area. In addition the NSL results show that all rooms will experience small reductions in daylight distribution which are well within the BRE guidelines criteria.

Sunlight

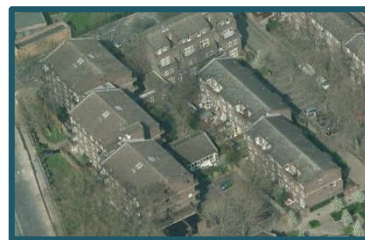
- 7.56 The results show that all but one room retains good levels of sunlight above that recommended by the BRE guidelines.
- 7.57 The remaining room will receive a Total APSH of 36% of which 4% are in the winter months. The room will therefore receive a very good level of sunlight for the total year above that recommended by the BRE guidelines in the proposed condition and, only marginally below the BRE guidelines for the winter months.
- 7.58 Given that this room will enjoy more sunlight throughout the year than is recommended by the BRE guidelines, but only slightly less in the winter months, the overall effect is considered acceptable and the remaining values are considered good for an urban area.

Overshadowing

- 7.59 Two of the three rear gardens to these properties will continue to experience good levels of sunlight with over 50% of the area enjoying at least 2 hours of sunlight on 21st March.
- 7.60 The remaining garden will continue to enjoy 2 hours of sunlight to 49.6% of its area on 21 March. This is below the BRE guidelines to a negligible degree and the garden is therefore considered to enjoy a good level of sunlight in the proposed condition.

Clyde Court

Clyde Court is situated north east of the proposed site. The properties that have been assessed are No. 1-46.



Daylight

- 7.61 Of the 62 windows assessed, 59 windows retain adequate levels of daylight or experience small reductions within the BRE guidelines.
- 7.62 The three windows that do not meet the BRE guidelines are secondary windows where in each case the main windows experience a small reduction well within the BRE guidelines. In addition the NSL results show that all rooms will experience only a very small reduction in daylight distribution, which is well within the BRE guidelines criteria. These non-complaint windows are therefore considered a negligible effect.

Sunlight

- 7.63 The results show that all rooms will retain good levels of sunlight above that recommended by the BRE guidelines.

Somers Close

Somers Close is situated north of the proposed site. The properties that have been assessed are No. 8-15, 16-19 and 21-29.



Daylight

- 7.64 Of the 80 Windows assessed to these properties all will meet the BRE guidelines recommendations with regard to the VSC test. In addition, all rooms will continue to receive very good levels of daylight distribution.

Sunlight

- 7.65 The results show that all rooms will retain good levels of sunlight above that recommended by the BRE guidelines.

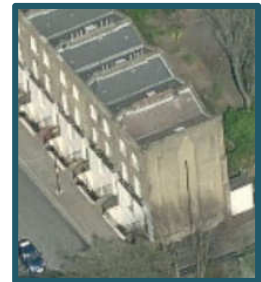
Overshadowing

- 7.66 Two of the eight rear gardens to these properties will continue to experience good levels of sunlight with over 50% of the area enjoying at least 2 hours of sunlight on 21st March.

- 7.67 Further tests on the remaining five gardens show that each garden will enjoy 2 hours of sunlight to 50.0% of their areas from either 24th March to the 30th March which is only 3 to 9 days later in the year. It is therefore considered that these gardens will continue to receive good levels of sunlight throughout the year.

Charrington Street

Charrington Street is situated north of the proposed site. The properties that have been assessed are No. 1-3.



Daylight

- 7.68 Of the 18 Windows assessed to these properties all will meet the BRE guidelines recommendations for the VSC test. In addition, all rooms will continue to receive very good levels of daylight distribution.

Sunlight

- 7.69 The results show that all rooms will retain good levels of sunlight above that recommended by the BRE guidelines.

Overshadowing

- 7.70 The rear garden to No.1 Charrington Street currently receives 2 hours of sunlight to 43.9% of its areas on 21 March. This slightly lower level of sunlight is due to the high walls surrounding the garden. The garden will receive 2 hours of sunlight to 50% of its area from the 28th March.
- 7.71 In the proposed scenario the area that can receive 2 hours of sunlight is reduced to 25.2%. However, further tests show that the reduction will be within 20% of the existing condition from the 29th March and will receive 2 hours of sunlight to 50% of the area from the 13th April.
- 7.72 Overall it is considered that the effect on the overshadowing to this garden is minor adverse and the levels of remaining sunlight are considered acceptable within this urban context.

130 Chalton Street (PH)

This building was previously a Public House and relatively recently converted into flats. It is situated to the north east of the site, adjacent to Regent High School. Floor plans for the building have been obtained from the Camden's planning department archives.



Daylight

- 7.73 10 rooms, served by 18 windows, have been assessed to this building.
- 7.74 The results show that all but 7 windows meet BRE guidelines with regards to the VSC test. All rooms except 2 will continue to receive very good levels of daylight distribution but all will continue to receive daylight distribution to at least 50% of its area.
- 7.75 Of the 7 windows that do not meet the BRE guidelines 5 of the windows are secondary windows where the main window meets the BRE criteria. Coupled with the fact that good levels of daylight distribution will remain, the overall impact on these rooms is considered negligible.
- 7.76 The remaining 2 windows are understood to serve a small kitchen and bedroom and although they will experience more than a 20% reduction in VSC, they will retain a VSC very close to or above 20%. This level of remaining daylight is considered good for an urban area and we are therefore of the view that the potential effect to these rooms can be considered acceptable.

Sunlight

- 7.77 The results show that all rooms will retain good levels of sunlight above that recommended by the BRE guidelines.

St. Anthony's Flats

St. Anthony's Flats are situated west of the proposed site facing onto Charlton Street.



Daylight

- 7.78 10 rooms, served by 21 windows, have been assessed to this building.
- 7.79 The results show that all but 3 windows meet BRE guidelines with regards to the VSC test. In addition, all rooms will continue to receive good levels of daylight distribution.

- 7.80 Of the 3 windows that do not meet the BRE guidelines 2 of the windows are secondary windows where the main window meets the BRE criteria. Coupled with the fact that good levels of daylight distribution will remain, the overall impact on these rooms is considered negligible.
- 7.81 The remaining window will experience more than a 20% reduction in VSC but will retain a VSC of above 24.17%. This level of remaining daylight is considered good for an urban area and we are therefore of the view that the potential effect to these rooms can be considered acceptable.

Sunlight

- 7.82 Of the 21 Windows assessed for daylight 8 windows are orientated within 90 degrees of due south and have therefore been assessed for sunlight.
- 7.83 The results show that 4 of the 8 rooms will continue to receive a very good level of sunlight in accordance with the BRE guidelines. The remaining 4 windows are the small side panes to the bay windows and it is therefore considered that any impact should be given less weight as it is not the main window to the room. However the remaining levels of sunlight, which are at least 19% total APSH, of which 3% are in the winter months, are considered good for an urban area. We are therefore of the view that the potential effect to these rooms can be considered acceptable.

Phyllis Hodges House

Phyllis Hodges House is situated to the west of the proposed site and the east facing side elevation faces onto Charlton Street across the proposed site.



Daylight

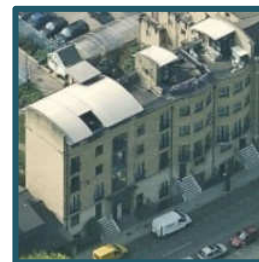
- 7.84 20 rooms, served by 39 windows, have been assessed to this building.
- 7.85 The results show that all but 19 windows meet BRE guidelines with regards to the VSC test. 7 of the 20 rooms will continue to receive good levels of daylight distribution above that recommended by the BRE guidelines and the majority of rooms will continue to receive a good daylight distribution for an urban area with more than 50% of the working place receiving some direct daylight.
- 7.86 Of the 19 windows that do not meet the BRE guidelines all will continue to receive a VSC above 20% which is considered a good level of daylight for an urban area. We are therefore of the view that the potential effect to these rooms can be considered acceptable.

Sunlight

- 7.87 Sunlight tests have not been run as the windows do not face within 90° of due south

Chalton Street Flats

Chalton Street is situated west of the proposed site and the east facing elevation faces onto Charlton Street across the proposed site. The properties that have been assessed are No. 101-103 and 105-113 Chalton Street.



Daylight

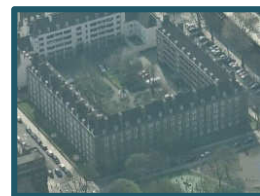
- 7.88 Of the 41 windows assessed to this building only 8 windows do not meet the BRE guidelines with regards to the VSC test. These 8 windows serve 6 rooms.
- 7.89 The NSL tests show that of the 27 rooms assessed 26 will meet the BRE guidelines criteria and the remaining room will still retain some daylight to more than 50% of the working plane which is considered good for an urban environment.
- 7.90 The 8 windows that do not meet the BRE guidelines are located on the basement, ground or first floor of 105-113 Chalton Street.
- 7.91 The basement windows will experience a VSC reduction of around 31% but will retain a VSC above 20% which is considered good for an urban environment. Coupled with the fact that good levels of daylight distribution will remain we are of the view that the potential effect to these rooms can considered acceptable.
- 7.92 The ground floor windows that do not meet the BRE guidelines will experience a reduction of around 41% and will retain a VSC of around 14%. Lower level of daylight are however only experienced because the first floor projects out over the ground floor windows. If it were not for the projecting first floor these windows would retain a VSC above 20% (as the basement windows do) which we consider good for an urban environment. Coupled with the fact that good levels of daylight distribution will remain we are of the view that the potential effect to these rooms can considered acceptable.
- 7.93 The first floor windows that do not meet the BRE guidelines are part of a room with other windows that continue to receive more than 27% VSC with the proposed development in place. The overall effect on the room is therefore considered negligible.

Sunlight

- 7.94 Sunlight tests have not been run as the windows do not face within 90° of due south

Walker House

Walker House is positioned to the south west of the proposed development. The windows in the north elevation facing the site have been assessed.



Daylight

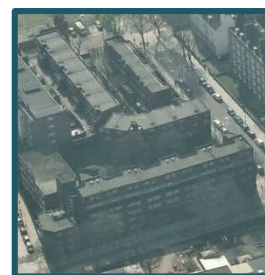
7.95 The results show that of the 165 windows assessed, all will meet BRE guidelines with regards to the VSC test. In addition, all rooms will continue to receive good levels of daylight distribution in accordance with the BRE guidelines.

Sunlight

7.97 Sunlight tests have not been run as the windows do not face within 90° of due south.

Monica Shaw Court & 40-42 Purchase Street

Monica Shaw Court is situated below the south central side of the proposed site. The windows in the north elevation and east facing the site have been assessed. The building known as 40-42 Purchase Street sits between the north and east elevations of Monica Shaw Court.



Daylight

7.98 The results show that of the 147 windows that have been assessed, all will meet BRE guidelines with regards to the VSC test. In addition, all rooms will continue to receive good levels of daylight distribution in accordance with the BRE guidelines.

Sunlight

7.100 Sunlight tests have not been run as the windows do not face within 90° of due south

Phoenix Court

Phoenix Court is situated south of the proposed site, adjacent to Monica Shaw Court. The residential flats, at first floor level and above, are adjacent to the south side of the proposed development and primarily look towards the proposed residential tower.



Daylight

- 7.101 78 Windows have been assessed which serve some 70 rooms.
- 7.102 The VSC tests show that 39 of the 78 windows assessed meet the BRE guidelines VSC test. The NSL results show that of the 70 rooms assessed only 6 will not meet the suggested criteria. The largest NSL reduction recorded is 26% and therefore considered a minor adverse effect.
- 7.103 Of the 39 windows that do not meet the BRE guidelines 37 are located behind the balcony walkways and therefore already receive a very low level of daylight. The highest recorded VSC to these windows in the existing condition is 5.62%.
- 7.104 Because the existing levels of daylight are so low, a small actual change in VSC will result in a large percentage reduction which would in our view be misleading. The results show that the largest actual reduction from these 37 windows is 1.69% which is considered small. Coupled with the fact that each of these rooms shall experience only a small reduction in daylight distribution, which are in accordance with the BRE guidelines, it is considered that the reductions can be considered acceptable.
- 7.105 The two windows that are not located behind the balcony walkways and do not meet the BRE guidelines VSC test experience a reduction of 21.59% and 20.91%. These reductions are only very marginally beyond the recommended criteria of 20% are also restricted to how much daylight they can receive by the projecting walkways adjacent to these windows. These reductions are therefore considered to be acceptable.

Sunlight

- 7.106 Sunlight tests have not been run for these properties due to not having windows facing within 90° of due south

8 Conclusions

- 8.1 Overall the results show that where the general BRE guidelines criteria is not met, good levels of daylight and sunlight will generally remain when taking into account the urban context. Where the levels of daylight and sunlight may not be strictly considered 'good' the remaining levels are certainly considered 'adequate'.
- 8.2 Overall, we are therefore of the view that the reductions of daylight and sunlight are not materially adverse in the context of Camden's planning policy and, when the effects are balanced against the various merits of the scheme, that the daylight and sunlight impacts can be considered acceptable.

Appendix 1



Sources: POINT2SURVEYORS LTD
 Site Survey
 Site Photography

 DSDHA
 Proposed Received 27 Oct 2015

 Z-MAPPING

Key:
 — Existing



Project: Somers Town
 Camden, London

Title: Site Plan
 Existing Building

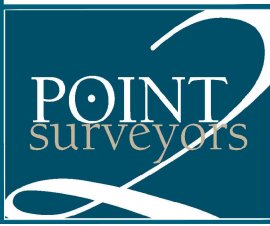
Point 2 Surveyors Ltd,
 3rd Floor,
 17 Slingsby Place,
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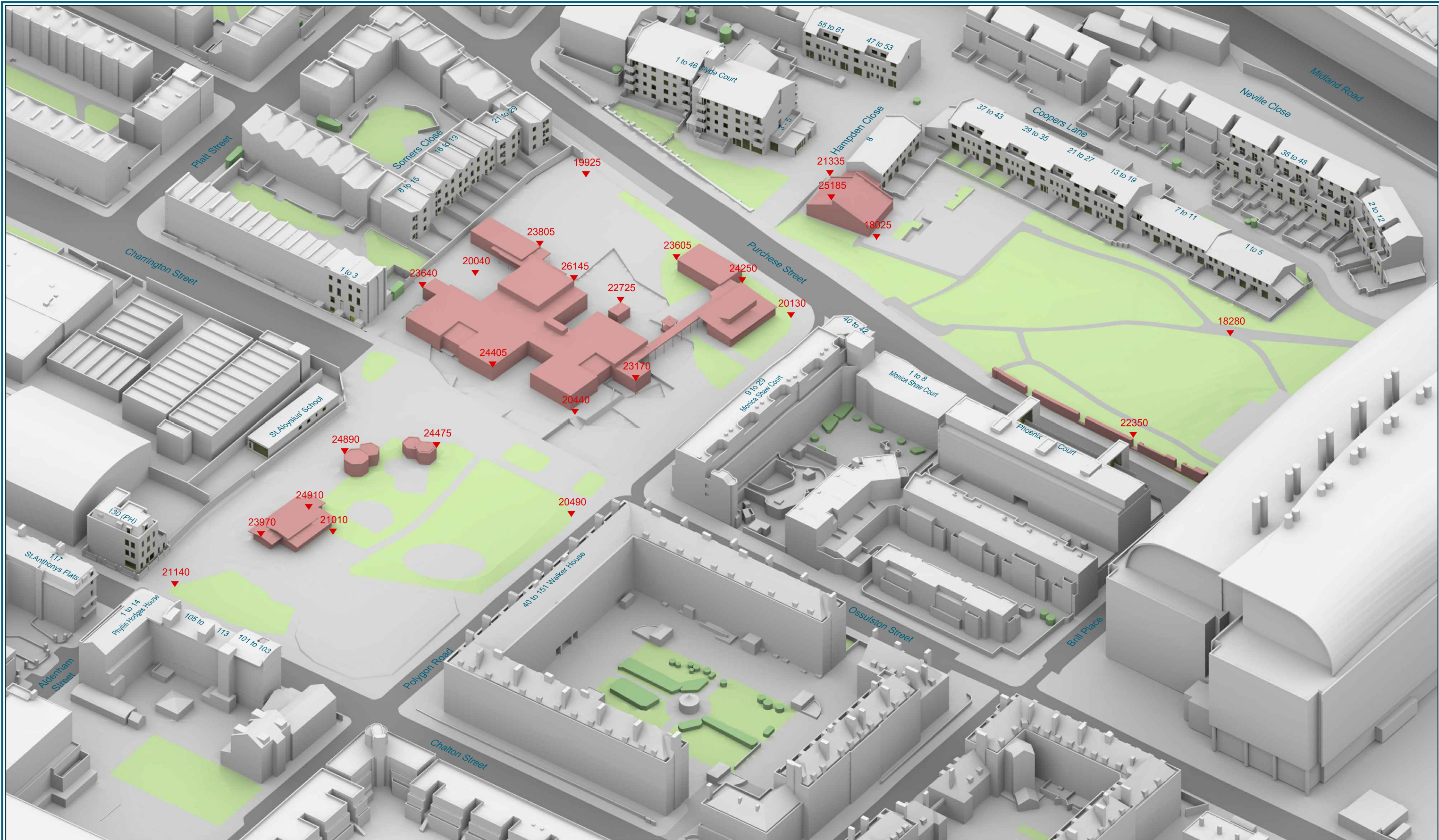
Drawn By: AJC

Scale: 1:1000

Date: NOV 15

Dwg No: **P408/41**





Sources: POINT2SURVEYORS LTD
 Site Survey
 Site Photography

 DSDHA
 Proposed Received 27 Oct 2015

 Z-MAPPING

Key: All heights in mm AOD
 — Existing

Project: Somers Town
 Camden, London

Title: 3D View
 Existing Building

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Drawn By: AJC

Scale: NTS

Date: NOV 15

Dwg No: **P408/42**





Sources: POINT2SURVEYORS LTD
 Site Survey
 Site Photography

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 Proposed Received 27 Oct 2015

 Z-MAPPING

Key: All heights in mm AOD
 — Existing

Project: Somers Town
 Camden, London

Title: 3D View
 Existing Building

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Drawn By: AJC

Scale: NTS

Date: NOV 15

Dwg No: **P408/43**





Sources: POINT2SURVEYORS LTD
 Site Survey
 Site Photography

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Z-MAPPING

Key:

— Proposed

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N

Project: Somers Town
 Camden, London

Drawn By: AJC Scale: 1:1000 Date: NOV 15

Title: Site Plan
 Proposed Building

Dwg No: **P408/44**

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Sources: POINT2SURVEYORS LTD
 Site Survey
 Site Photography

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 Z-MAPPING

Key: All heights in mm AOD
 — Proposed Scheme

Project: Somers Town
 Camden, London

Title: 3D View
 Proposed Scheme

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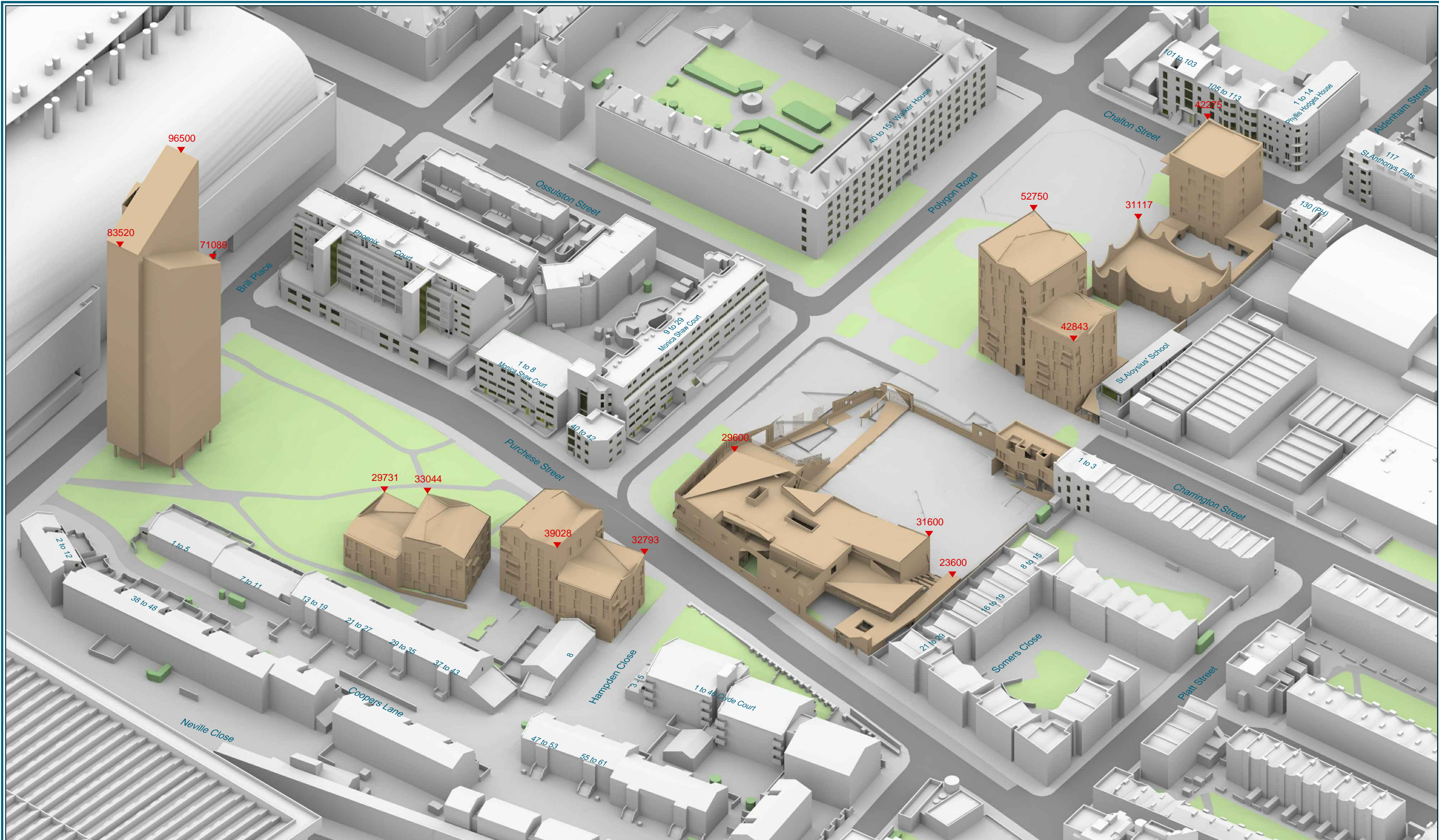
Scale: NTS

Date: NOV 15

Dwg No:

P408/45





Sources: POINT2SURVEYORS LTD
 Site Survey
 Site Photography

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 Z-MAPPING

Key: All heights in mm AOD
 — Proposed Scheme

Project: Somers Town
 Camden, London

Title: 3D View
 Proposed Scheme

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Scale: NTS

Date: NOV 15

Dwg No:

P408/46



Appendix 2



1 to 5 Coopers Lane

Sources: POINT2SURVEYORS LTD
 Site Survey
 Site Photography

 DSDHA
 Proposed Received 27 Oct 2015

 Z-MAPPING

Key:

Project: Somers Town
 Camden, London

Title: Window Maps

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Drawn By: AJC

Scale: NTS

Date: NOV 15

Dwg No:

P408/WM/01





Sources: POINT2SURVEYORS LTD
 Site Survey
 Site Photography

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 Proposed Received 27 Oct 2015

 Z-MAPPING

Key:

Project: Somers Town
 Camden, London

 Drawn By: AJC Scale: NTS Date: NOV 15

Title: Window Maps

 Dwg No: **P408/WM/02**

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7-11 Coopers Lane

Sources: POINT2SURVEYORS LTD
 Site Survey
 Site Photography

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 Proposed Received 27 Oct 2015

 Z-MAPPING

Key:

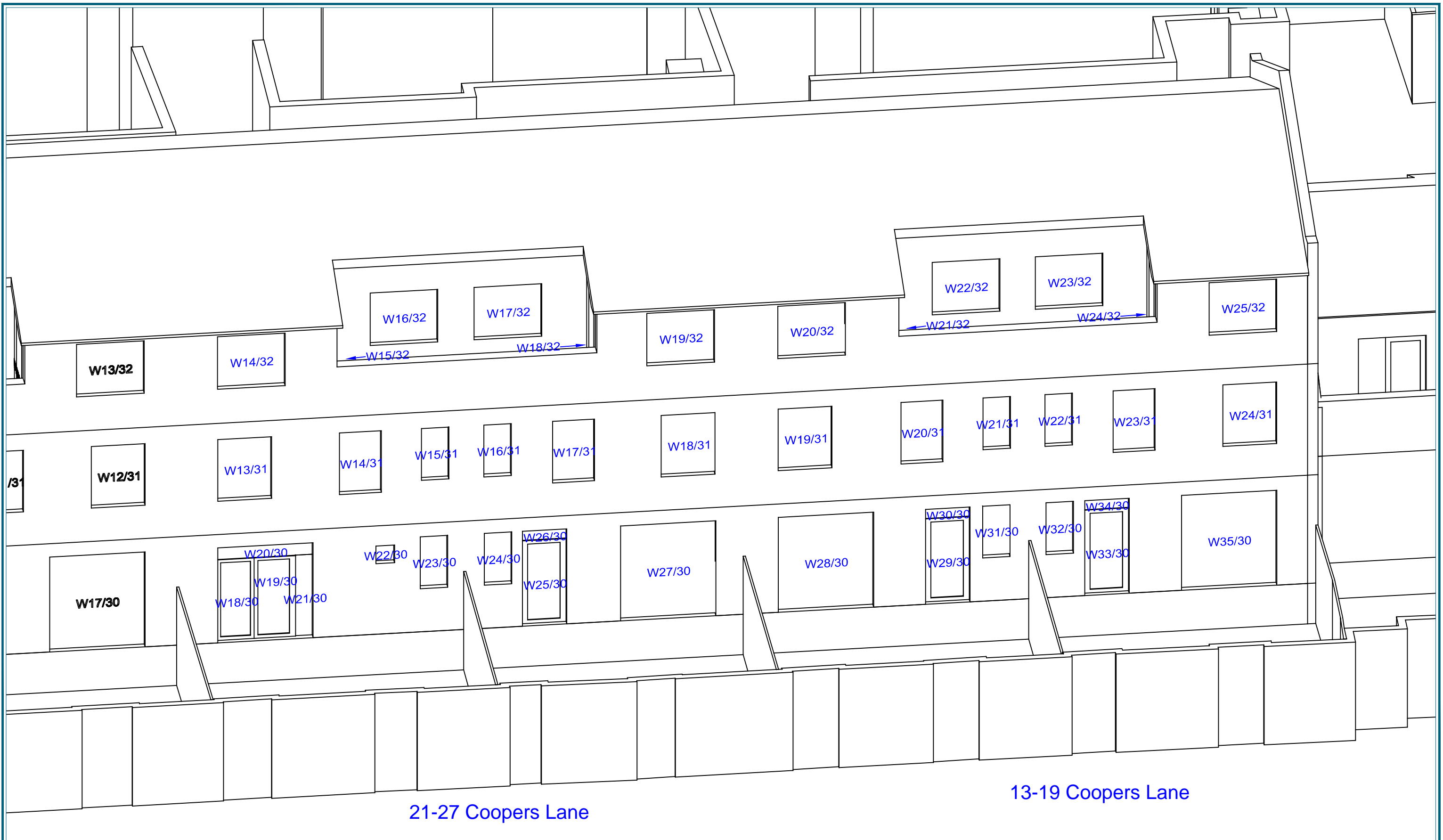
Project: Somers Town
 Camden, London

 Drawn By: AJC Scale: NTS Date: NOV 15

Title: Window Maps

 Dwg No: **P408/WM/03**

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Sources: POINT2SURVEYORS LTD
 Site Survey
 Site Photography

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 Z-MAPPING

Key:

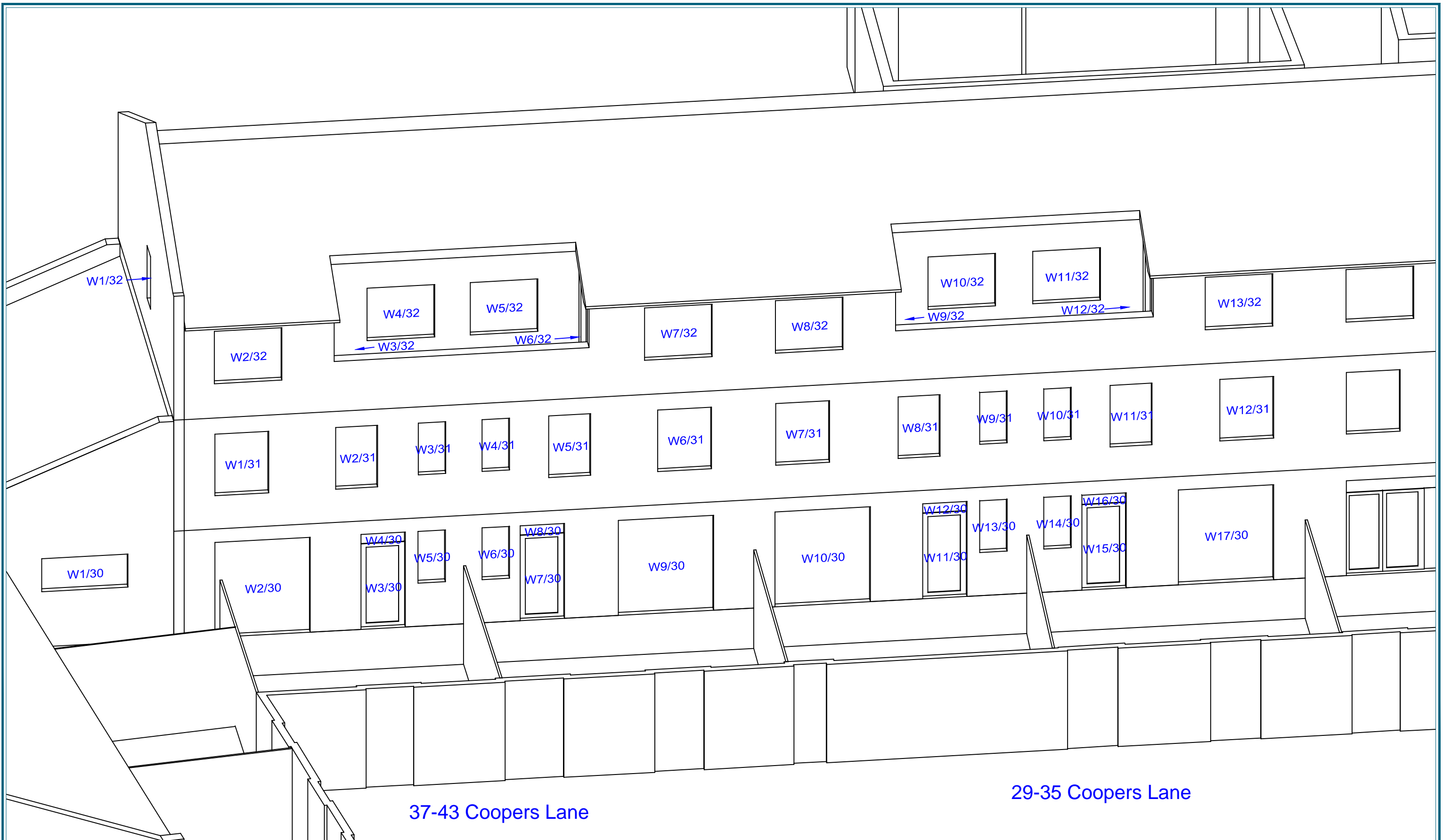
Project: Somers Town
 Camden, London

 Drawn By: AJC Scale: NTS Date: NOV 15

Title: Window Maps

 Dwg No: **P408/WM/04**

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37-43 Coopers Lane

29-35 Coopers Lane

Sources: POINT2SURVEYORS LTD
 Site Survey
 Site Photography

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 Z-MAPPING

Key:

Project: Somers Town
 Camden, London

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Title: Window Maps

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38-48 Coopers Lane

Sources: POINT2SURVEYORS LTD
 Site Survey
 Site Photography

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 Z-MAPPING

Key:

Project: Somers Town
 Camden, London

 Drawn By: AJC Scale: NTS Date: NOV 15

Title: Window Maps

 Dwg No: **P408/WM/06**

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 Z-MAPPING

Key:

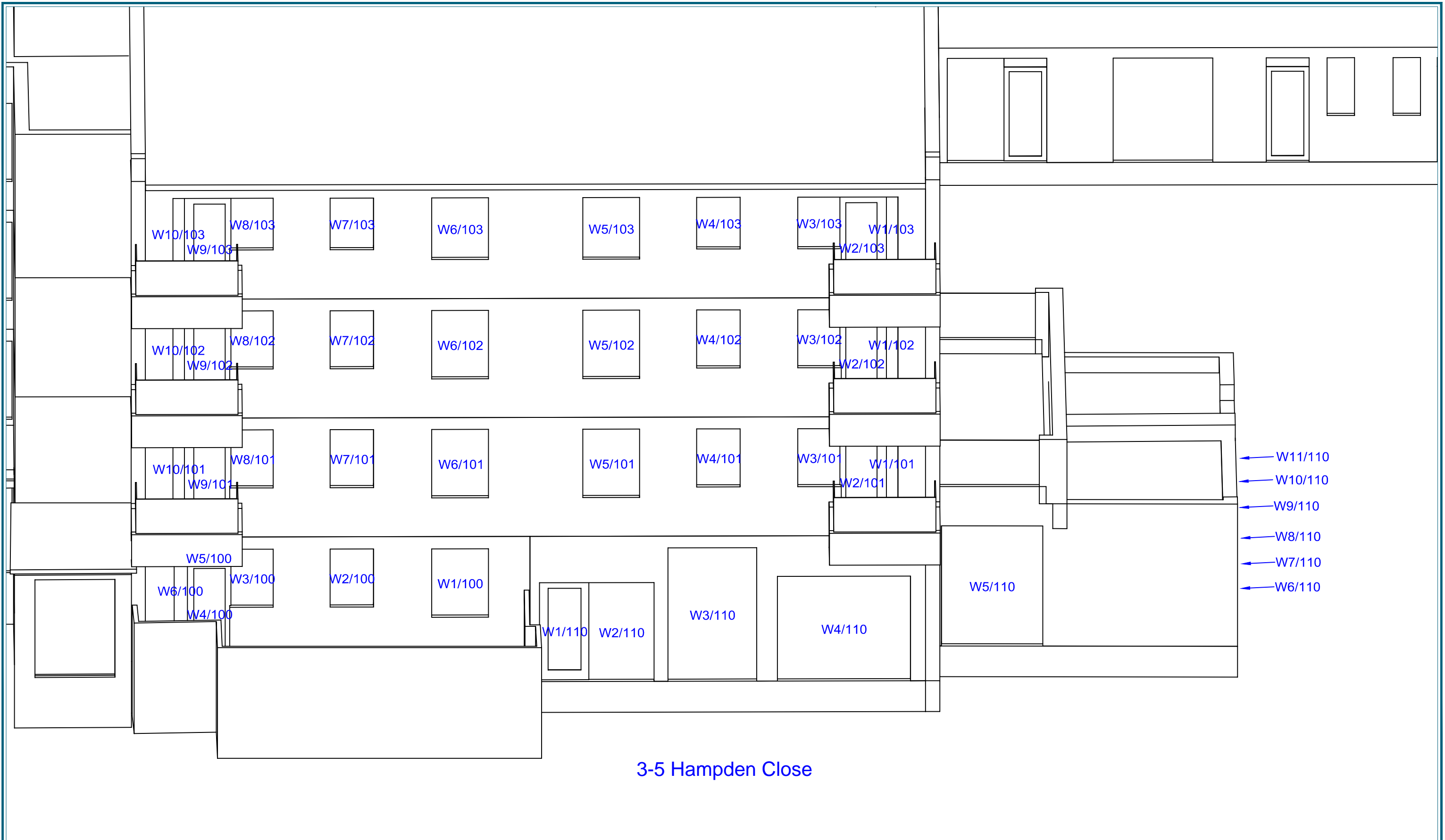
Project: Somers Town
 Camden, London

 Drawn By: AJC Scale: NTS Date: NOV 15

Title: Window Maps

 Dwg No: **P408/WM/07**

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Project: Somers Town
 Camden, London

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Title: Window Maps

Date: NOV 15

Dwg No: **P408/WM/08**

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Z-MAPPING

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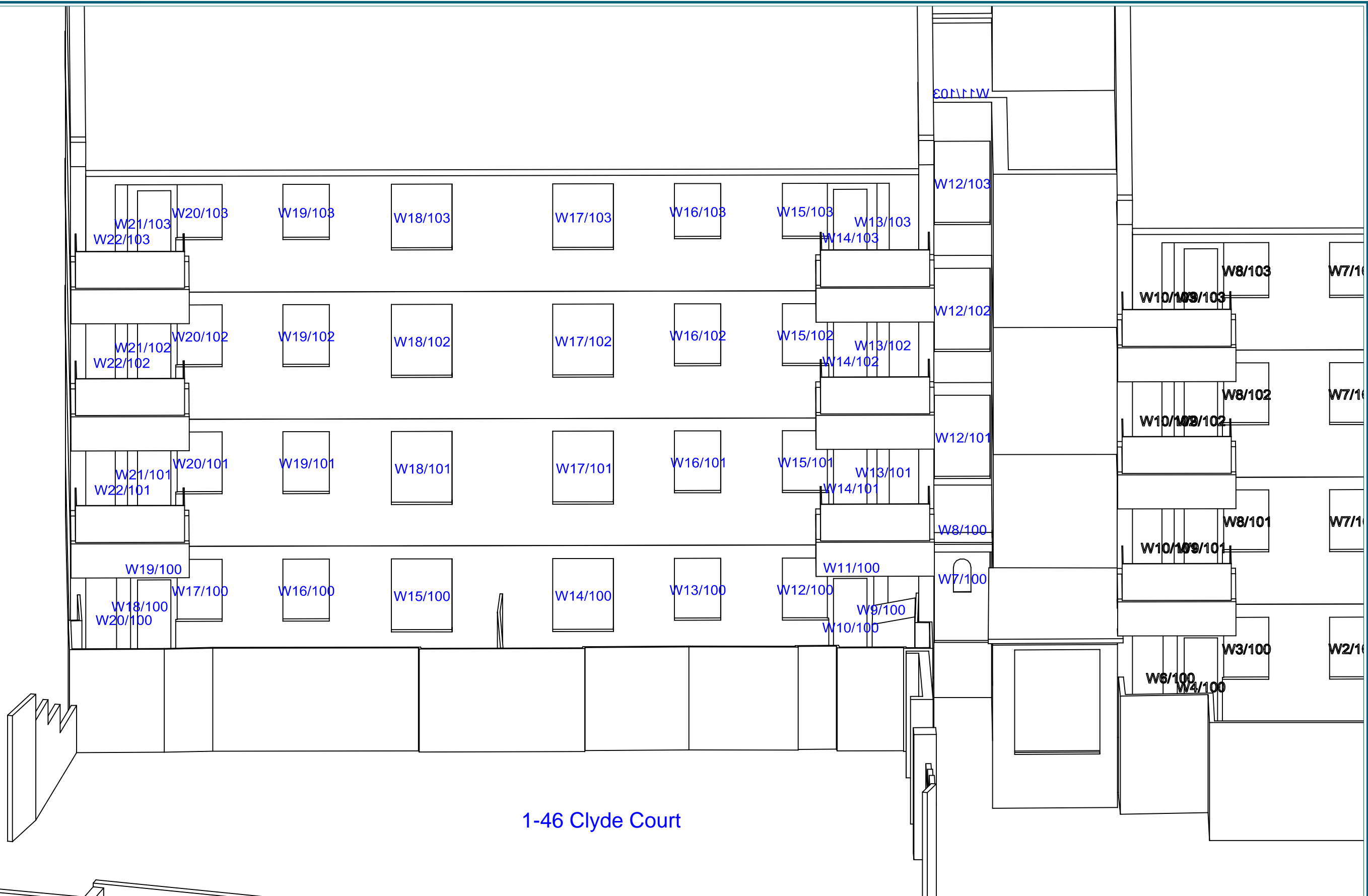
Project: Somers Town
 Camden, London

Drawn By: AJC

Title: Window Maps

Dwg No: **P408/WM/09**

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Sources: POINT2SURVEYORS LTD
 Site Survey
 Site Photography

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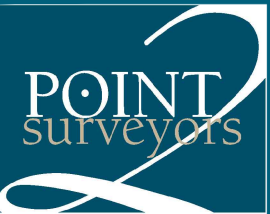
 Z-MAPPING

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Title: Window Maps

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Scale: NTS

Date: NOV 15

Dwg No:

P408/WM/10



16-19 & 21-29 Somers Close

Sources: POINT2SURVEYORS LTD
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 Site Photography

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 Z-MAPPING

Key:

Project: Somers Town
 Camden, London

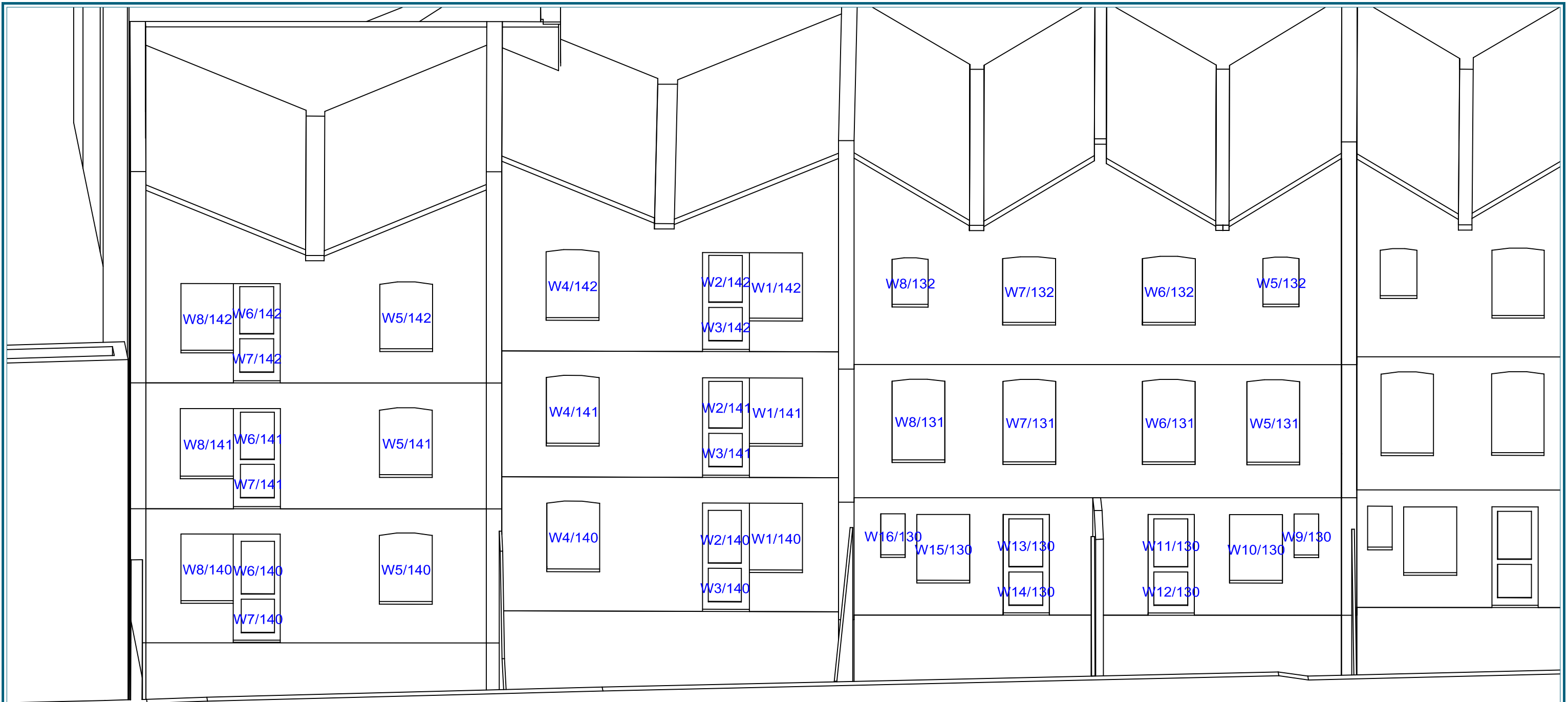
 Drawn By: AJC Scale: NTS Date: NOV 15

Title: Window Maps

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16-19 & 8-15 Somers Close

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 Site Survey
 Site Photography

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Key:

Project: Somers Town
 Camden, London

Title: Window Maps

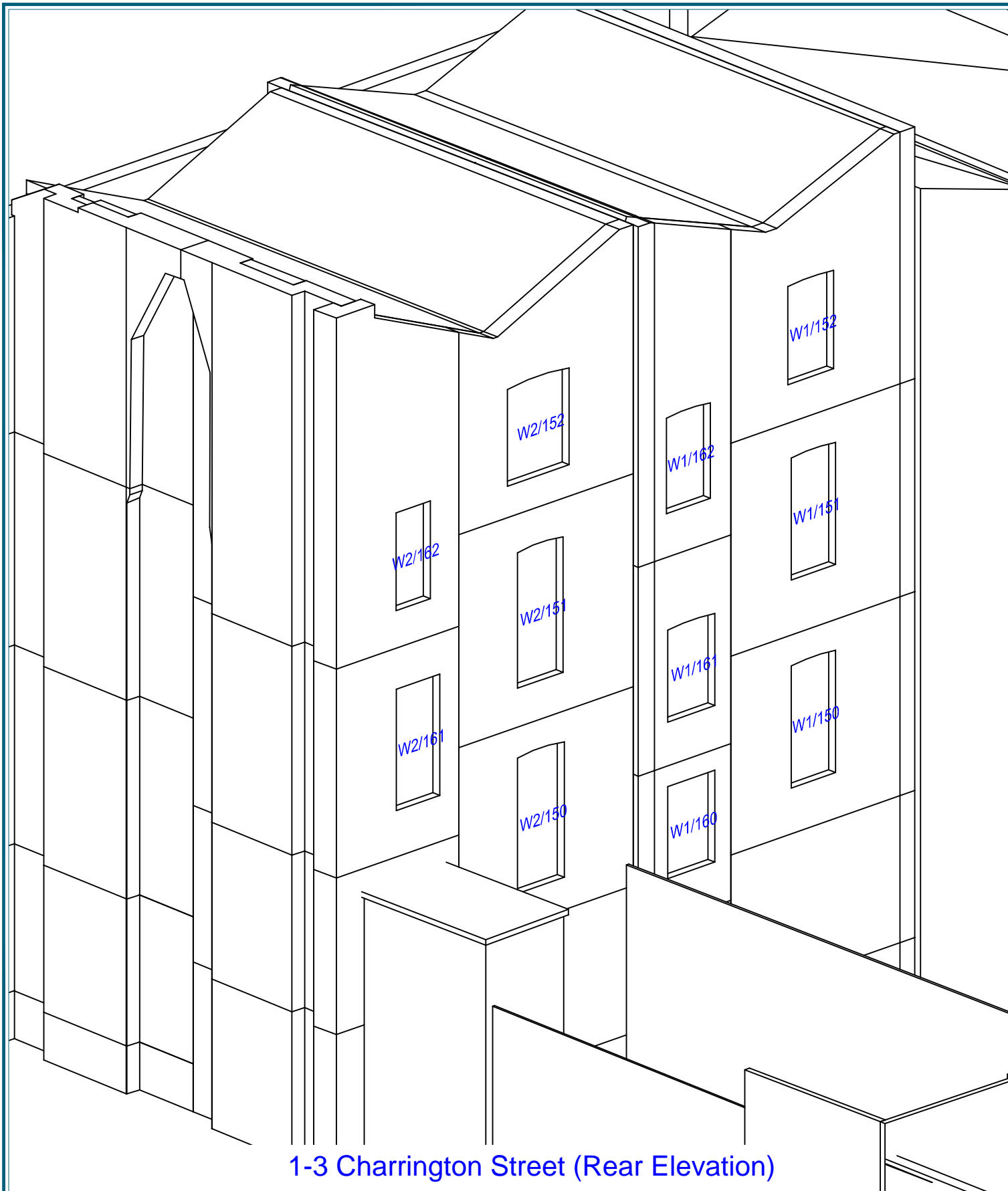
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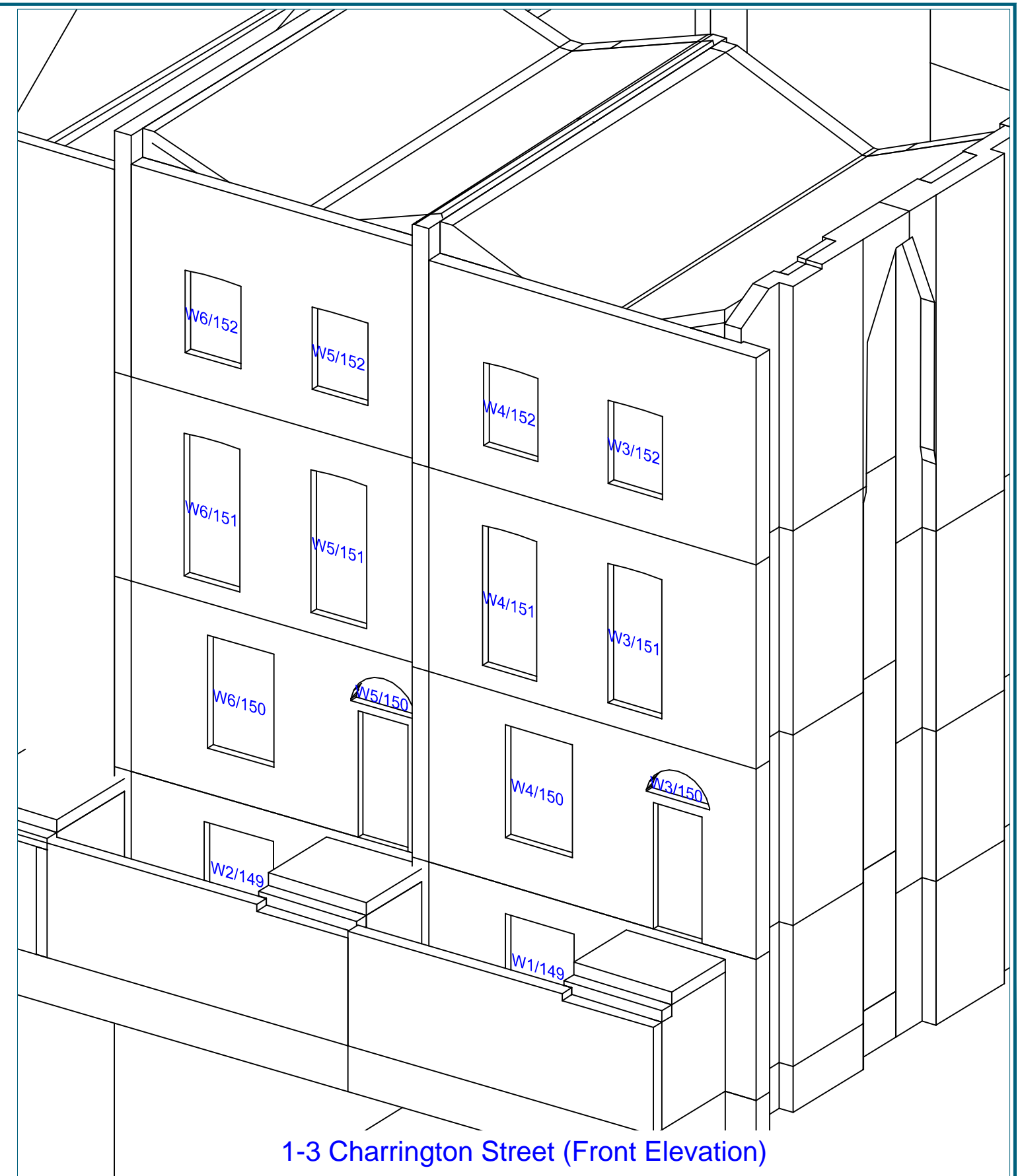
Scale: NTS

Date: NOV 15

Dwg No: **P408/WM/12**



1-3 Charrington Street (Rear Elevation)



1-3 Charrington Street (Front Elevation)

Sources: POINT2SURVEYORS LTD
 Site Survey
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Key:

Project: Somers Town
 Camden, London

Title: Window Maps

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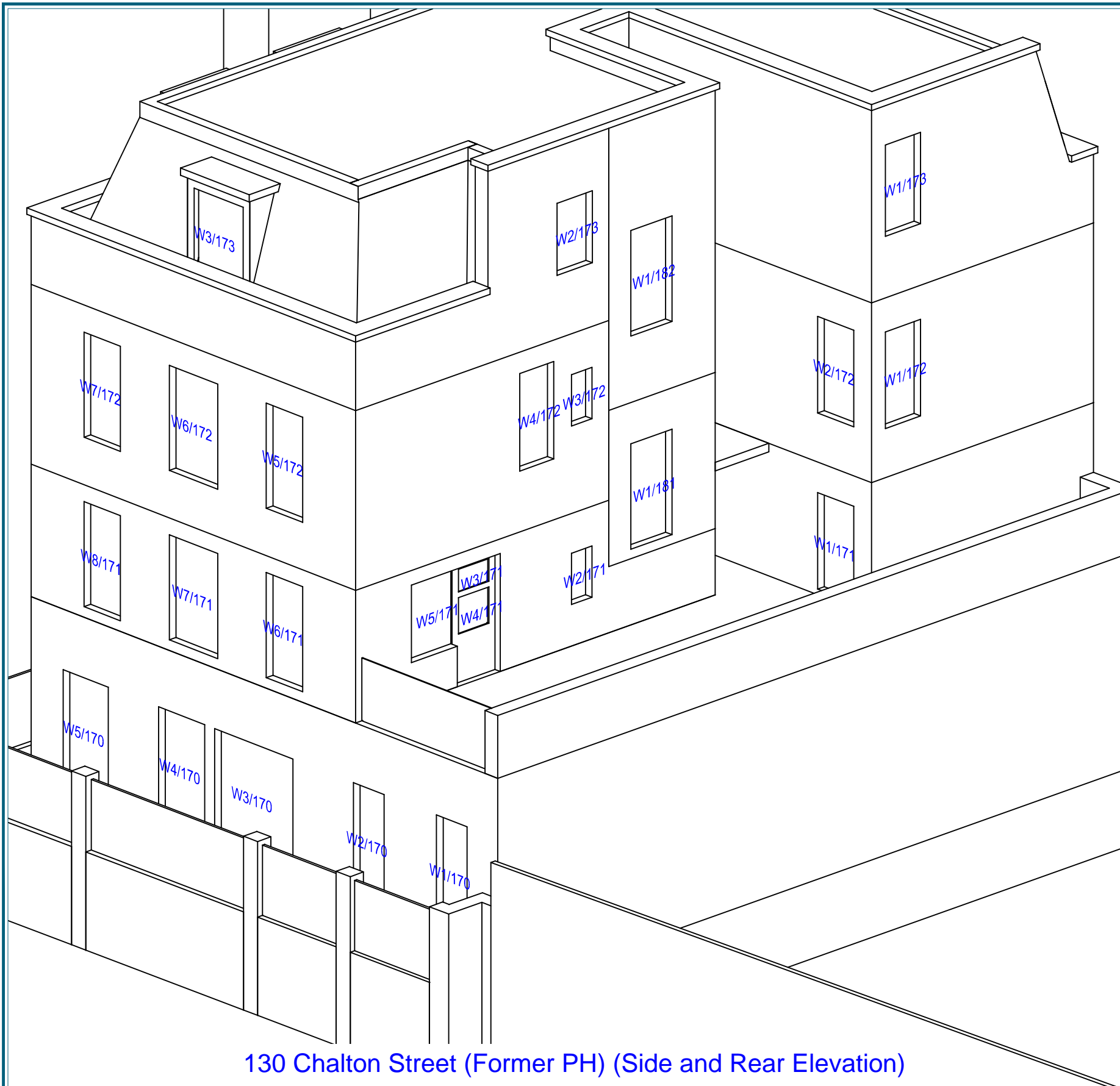


Drawn By: AJC

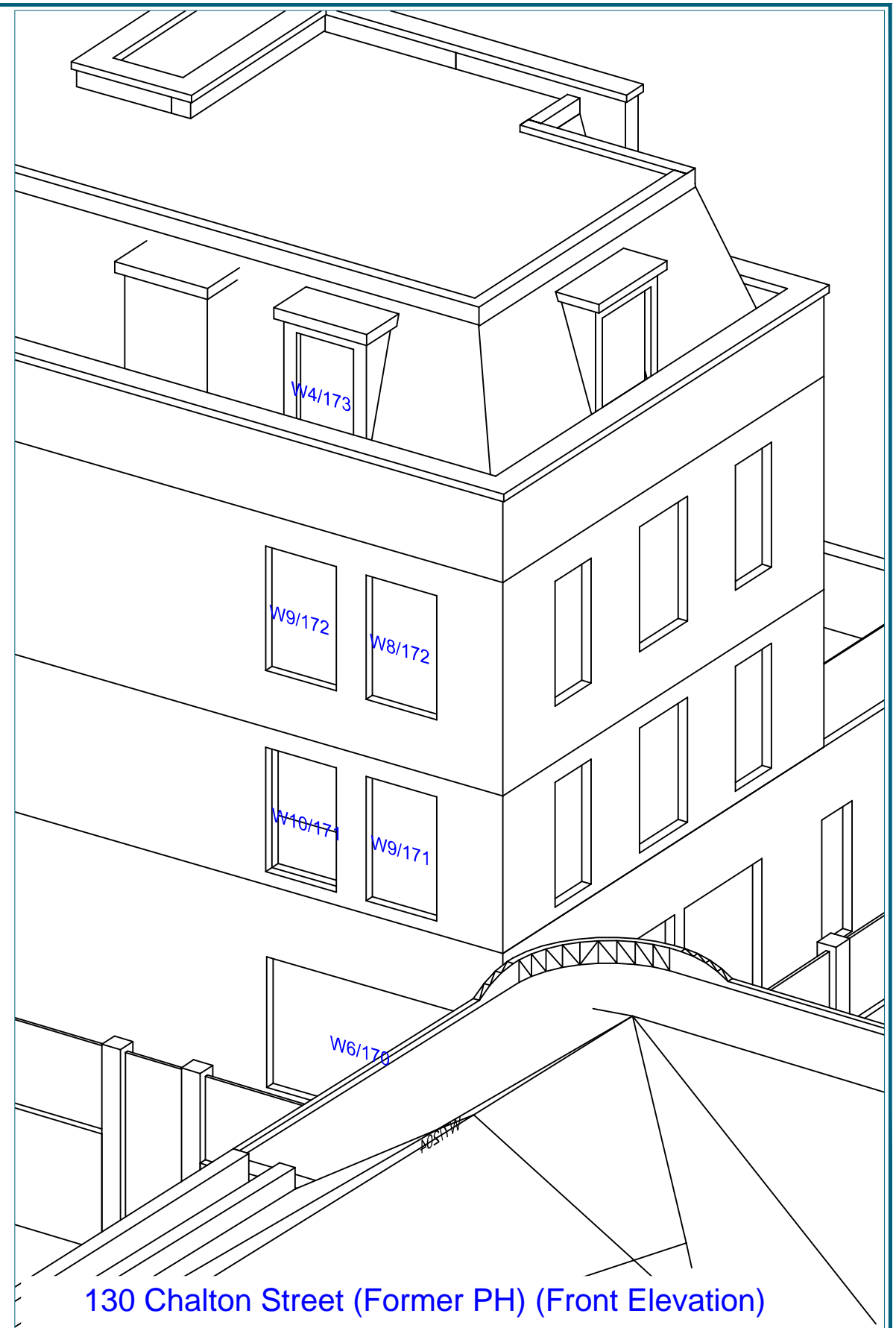
Scale: NTS

Date: NOV 15

Dwg No: **P408/WM/13**



130 Chalton Street (Former PH) (Side and Rear Elevation)



130 Chalton Street (Former PH) (Front Elevation)

Sources: POINT2SURVEYORS LTD
 Site Survey
 Site Photography

 DSDHA
 Proposed Received 27 Oct 2015

 Z-MAPPING

Key:

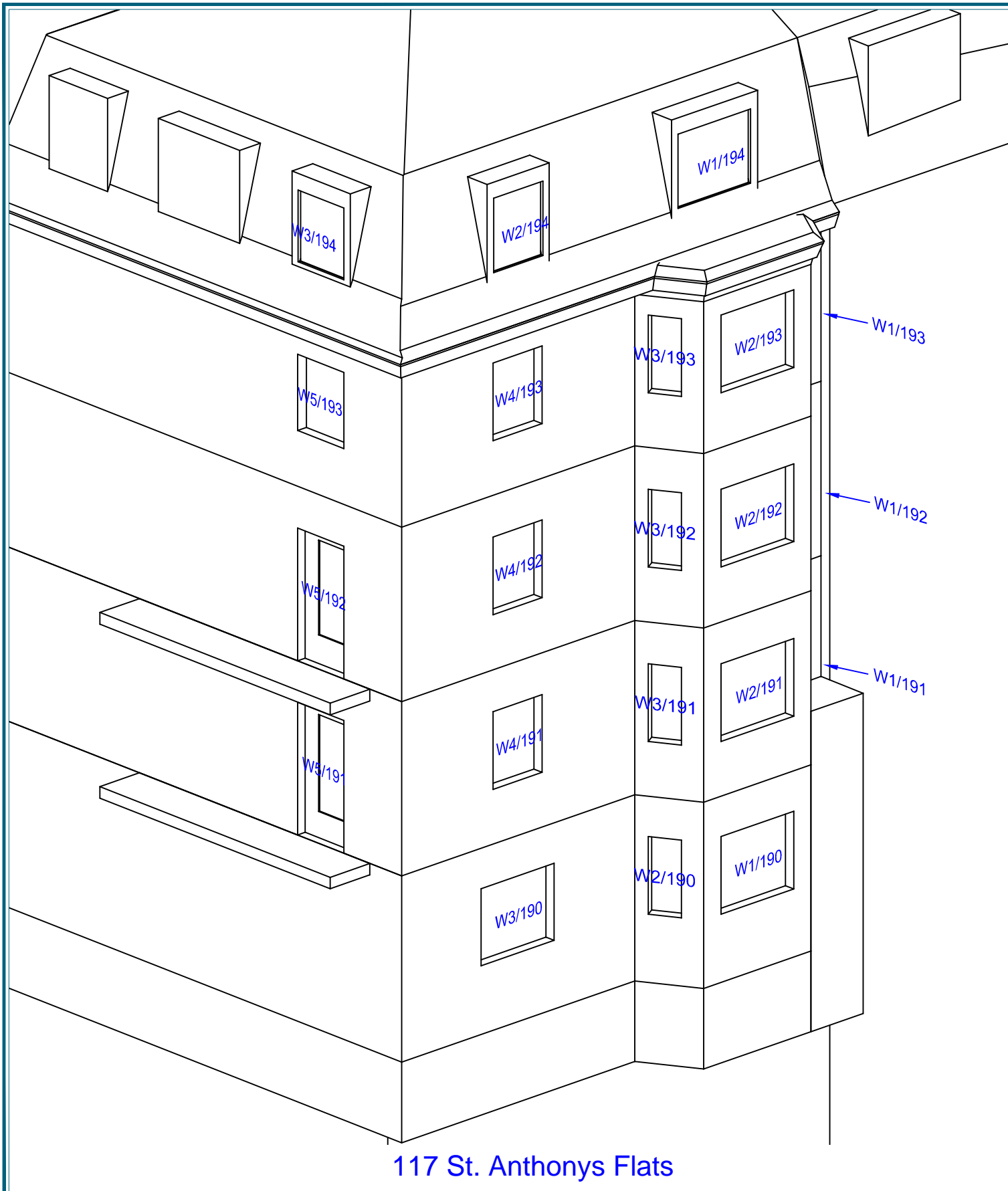
Project: Somers Town
 Camden, London

 Drawn By: AJC Scale: NTS Date: NOV 15

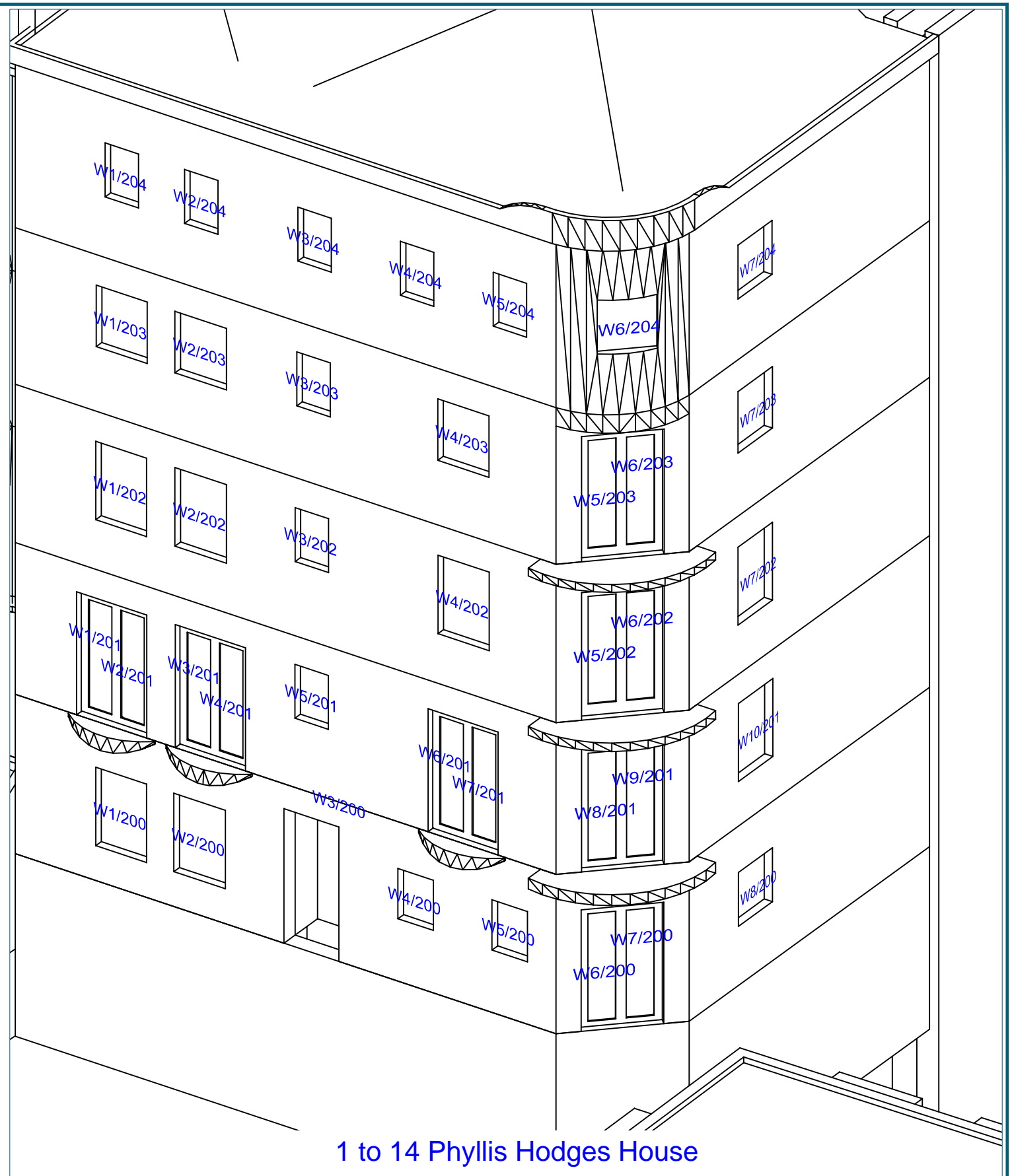
Title: Window Maps

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117 St. Anthony's Flats



1 to 14 Phyllis Hodges House

Sources: POINT2SURVEYORS LTD
 Site Survey
 Site Photography

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 Z-MAPPING

Key:

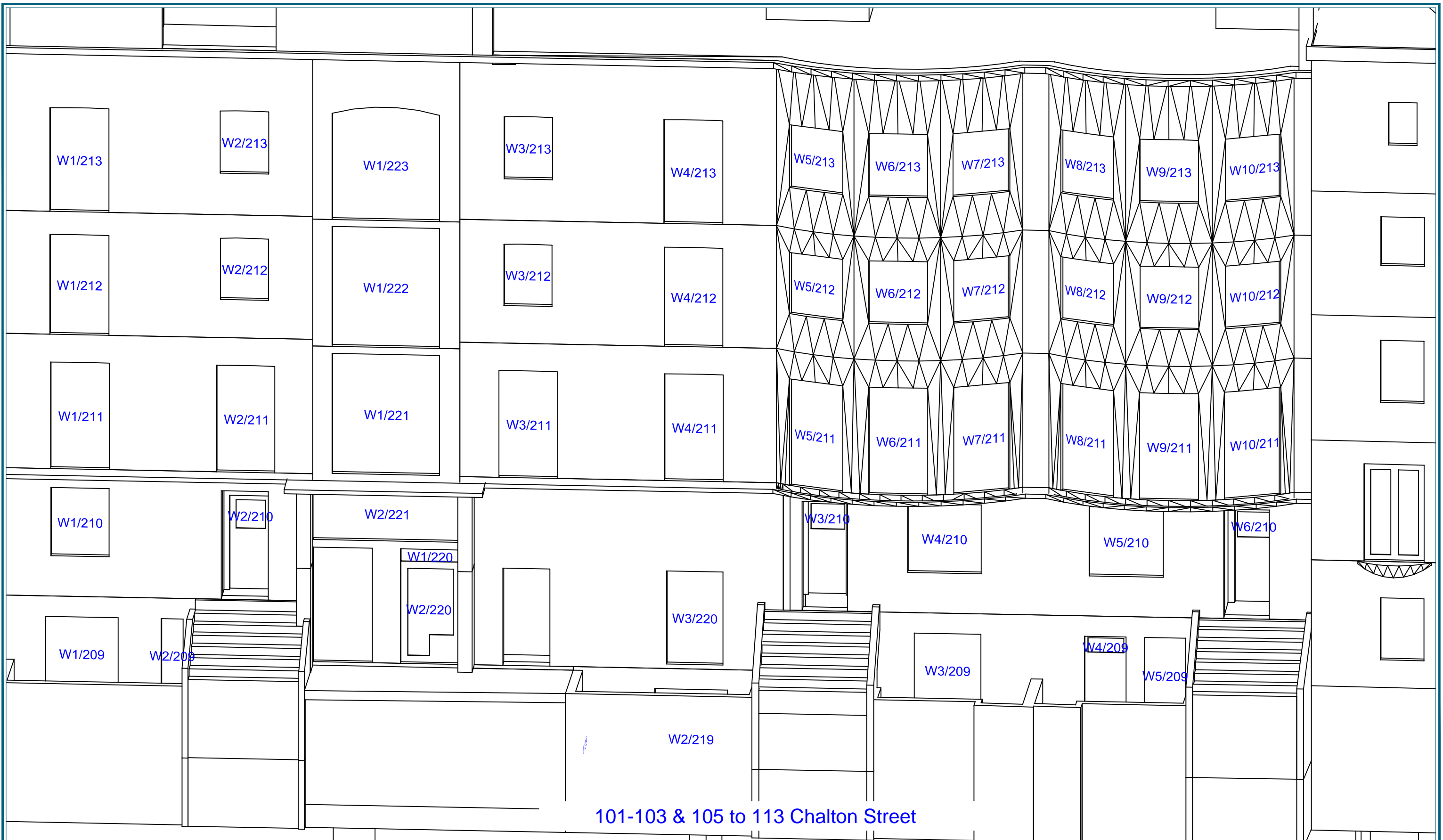
Project: Somers Town
 Camden, London

 Drawn By: AJC Scale: NTS Date: NOV 15

Title: Window Maps

 Dwg No: **P408/WM/15**

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Sources: POINT2SURVEYORS LTD
 Site Survey
 Site Photography

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 Proposed Received 27 Oct 2015

Z-MAPPING

Key:

Project: Somers Town
 Camden, London

Drawn By: AJC

Title: Window Maps

Date: NOV 15

Dwg No: **P408/WM/16**

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45-151 Walker House (Page 1 of 2)

Sources: POINT2SURVEYORS LTD
 Site Survey
 Site Photography

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 Proposed Received 27 Oct 2015

 Z-MAPPING

Key:

Project: Somers Town
 Camden, London

 Drawn By: AJC Scale: NTS Date: NOV 15

Title: Window Maps

 Dwg No: **P408/WM/17**

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45-151 Walker House (Page 2 of 2)

Sources: POINT2SURVEYORS LTD
 Site Survey
 Site Photography

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 Proposed Received 27 Oct 2015

 Z-MAPPING

Key:

Project: Somers Town
 Camden, London

 Drawn By: AJC Scale: NTS Date: NOV 15

Title: Window Maps

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1-8 Monica Shaw Court

Sources: POINT2SURVEYORS LTD
 Site Survey
 Site Photography

 DSDHA
 Proposed Received 27 Oct 2015

 Z-MAPPING

Key:

Project: Somers Town
 Camden, London

 Drawn By: AJC Scale: NTS Date: NOV 15


Title: Window Maps

 Dwg No: **P408/WM/19**

Point 2 Surveyors Ltd,
 3rd Floor,
 17 Slingsby Place,
 London WC2E 9AB,
 0207 836 5828
 www.point2surveyors.com



40 to 42 Purchase Street & 1-8 Monica Shaw Court

<p>Sources: POINT2SURVEYORS LTD Site Survey Site Photography</p> <p>DSDHA Proposed Received 27 Oct 2015</p> <p>Z-MAPPING</p>	<p>Key:</p>	<p>Project: Somers Town Camden, London</p>	<p>Title: Window Maps</p>	<p>Point 2 Surveyors Ltd, 3rd Floor, 17 Slingsby Place, London WC2E 9AB, 0207 836 5828 www.point2surveyors.com</p> 	
		<p>Drawn By: AJC</p>	<p>Scale: NTS</p>	<p>Date: NOV 15</p>	<p>Dwg No: P408/WM/20</p>



40 to 42 Purchase Street & 9 to 29 Monica Shaw Court

Sources: POINT2SURVEYORS LTD
 Site Survey
 Site Photography

 DSDHA
 Proposed Received 27 Oct 2015

 Z-MAPPING

Key:

Project: Somers Town
 Camden, London

 Drawn By: AJC Scale: NTS Date: NOV 15


Title: Window Maps

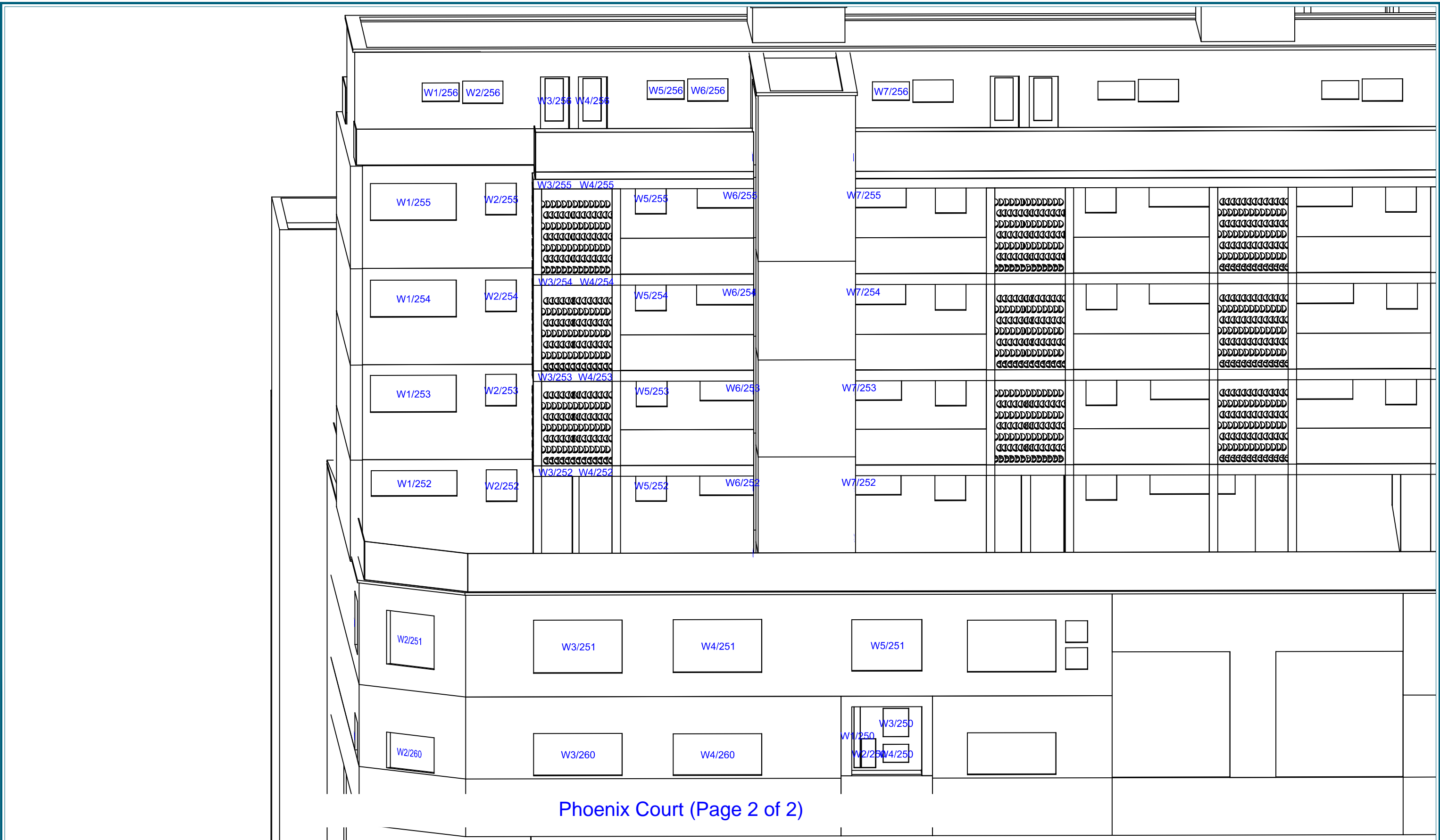
 Dwg No: **P408/WM/21**

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Phoenix Court (Page 1 of 2)

<p>Sources: POINT2SURVEYORS LTD Site Survey Site Photography</p> <p>DSDHA Proposed Received 27 Oct 2015</p> <p>Z-MAPPING</p>	<p>Key:</p>	<p>Project: Somers Town Camden, London</p>	<p>Title: Window Maps</p>	<p>Point 2 Surveyors Ltd, 3rd Floor, 17 Slingsby Place, London WC2E 9AB, 0207 836 5828 www.point2surveyors.com</p> 	
		<p>Drawn By: AJC</p>	<p>Scale: NTS</p>	<p>Date: NOV 15</p>	<p>Dwg No: P408/WM/22</p>



Sources: POINT2SURVEYORS LTD
 Site Survey
 Site Photography

 DSDHA
 Proposed Received 27 Oct 2015

 Z-MAPPING

Key:

Project: Somers Town
 Camden, London

Title: Window Maps

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Drawn By: AJC

Scale: NTS

Date: NOV 15

Dwg No:

P408/WM/23

Appendix 3

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
1 to 5 Coopers Lane						
R1/10	ASSUMED	W2/10	19.03	18.23	0.80	4.20
R1/10	ASSUMED	W3/10	0.09	0.00	0.09	100.00
R2/10	ASSUMED	W4/10	32.24	27.06	5.18	16.07
R3/10	ASSUMED	W5/10	15.55	13.28	2.27	14.60
R3/10	ASSUMED	W6/10	19.30	17.56	1.74	9.02
R3/10	ASSUMED	W7/10	0.07	0.00	0.07	100.00
R4/10	ASSUMED	W8/10	31.84	25.66	6.18	19.41
R5/10	ASSUMED	W9/10	14.92	11.37	3.55	23.79
R5/10	ASSUMED	W10/10	18.91	15.92	2.99	15.81
R5/10	ASSUMED	W11/10	0.05	0.00	0.05	100.00
R6/10	ASSUMED	W12/10	31.23	23.33	7.90	25.30
R7/10	ASSUMED	W13/10	31.02	21.67	9.35	30.14
R7/10	ASSUMED	W14/10	25.44	25.44	0.00	0.00
R1/11	ASSUMED	W1/11	32.21	27.43	4.78	14.84
R1/11	ASSUMED	W2/11	32.06	27.10	4.96	15.47
R2/11	ASSUMED	W3/11	31.17	26.21	4.96	15.91
R3/11	ASSUMED	W4/11	31.72	26.19	5.53	17.43
R3/11	ASSUMED	W5/11	31.58	25.81	5.77	18.27
R4/11	ASSUMED	W6/11	30.67	24.59	6.08	19.82
R5/11	ASSUMED	W7/11	31.18	24.20	6.98	22.39
R5/11	ASSUMED	W8/11	31.03	23.44	7.59	24.46
R6/11	ASSUMED	W9/11	30.11	22.08	8.03	26.67
2 to 12 Coopers Lane						
R1/50	ASSUMED	W1/50	32.99	25.63	7.36	22.31
R2/50	ASSUMED	W2/50	33.27	26.93	6.34	19.06
R3/50	ASSUMED	W3/50	32.29	26.29	6.00	18.58

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R3/50	ASSUMED	W4/50	28.53	22.75	5.78	20.26
R3/50	ASSUMED	W5/50	33.12	27.17	5.95	17.96
R3/50	ASSUMED	W6/50	33.66	27.76	5.90	17.53
R5/50	ASSUMED_BAT	W10/50	33.28	28.50	4.78	14.36
R6/50	ASSUMED	W11/50	29.65	25.49	4.16	14.03
R6/50	ASSUMED	W12/50	33.04	28.45	4.59	13.89
R6/50	ASSUMED	W13/50	31.11	26.75	4.36	14.01
R6/50	ASSUMED	W14/50	33.60	29.10	4.50	13.39
R7/50	ASSUMED	W15/50	31.92	28.10	3.82	11.97
R7/50	ASSUMED	W16/50	29.10	25.85	3.25	11.17
R7/50	ASSUMED	W17/50	32.76	28.74	4.02	12.27
R7/50	ASSUMED	W18/50	33.45	29.36	4.09	12.23
R8/50	ASSUMED_BAT	W19/50	32.50	28.62	3.88	11.94
R1/51	ASSUMED	W1/51	34.92	28.23	6.69	19.16
R1/51	ASSUMED	W2/51	10.72	10.72	0.00	0.00
R1/51	ASSUMED	W3/51	19.89	19.75	0.14	0.70
R2/51	ASSUMED_BAT	W4/51	22.43	22.12	0.31	1.38
R3/51	ASSUMED_BAT	W5/51	20.79	15.91	4.88	23.47
R4/51	ASSUMED	W6/51	10.66	8.61	2.05	19.23
R4/51	ASSUMED	W7/51	16.09	11.43	4.66	28.96
R4/51	ASSUMED	W8/51	35.18	30.39	4.79	13.62
R5/51	ASSUMED	W9/51	35.15	30.76	4.39	12.49
R5/51	ASSUMED	W10/51	8.07	8.07	0.00	0.00
R5/51	ASSUMED	W11/51	14.58	14.45	0.13	0.89
R6/51	ASSUMED_BAT	W12/51	20.45	19.96	0.49	2.40
R1/52	ASSUMED	W1/52	34.61	28.20	6.41	18.52
R1/52	ASSUMED	W2/52	27.41	22.13	5.28	19.26
R1/52	ASSUMED	W3/52	35.75	28.85	6.90	19.30
R1/52	ASSUMED	W4/52	30.77	24.38	6.39	20.77
R2/52	ASSUMED	W5/52	32.32	28.46	3.86	11.94
R2/52	ASSUMED	W6/52	28.31	24.95	3.36	11.87
R2/52	ASSUMED	W7/52	36.09	31.02	5.07	14.05

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R2/52	ASSUMED	W8/52	35.48	30.78	4.70	13.25
R3/52	ASSUMED	W9/52	35.52	31.09	4.43	12.47
R3/52	ASSUMED	W10/52	28.24	24.73	3.51	12.43
R3/52	ASSUMED	W11/52	35.94	31.36	4.58	12.74
R3/52	ASSUMED	W12/52	35.33	30.98	4.35	12.31
R1/53	ASSUMED	W1/53	34.45	27.50	6.95	20.17
R2/53	ASSUMED	W2/53	34.62	28.29	6.33	18.28
R2/53	ASSUMED	W3/53	23.07	22.91	0.16	0.69
R3/53	ASSUMED	W4/53	21.66	17.49	4.17	19.25
R3/53	ASSUMED	W5/53	34.73	29.39	5.34	15.38
R4/53	ASSUMED	W6/53	34.79	29.95	4.84	13.91
R5/53	ASSUMED	W7/53	34.88	30.31	4.57	13.10
R6/53	ASSUMED	W8/53	34.85	30.58	4.27	12.25
R6/53	ASSUMED	W9/53	28.81	28.68	0.13	0.45
7 to 11 Coopers Lane						
R1/10	ASSUMED	W1/10	15.66	14.18	1.48	9.45
R1/20	ASSUMED_DIN	W1/20	18.40	14.75	3.65	19.84
R1/20	ASSUMED_DIN	W2/20	20.67	15.23	5.44	26.32
R1/20	ASSUMED_DIN	W3/20	0.54	0.12	0.42	77.78
R2/20	ASSUMED_LIV	W4/20	33.54	26.83	6.71	20.01
R3/20	ASSUMED_DIN	W5/20	18.01	16.08	1.93	10.72
R3/20	ASSUMED_DIN	W6/20	20.21	17.04	3.17	15.69
R3/20	ASSUMED_DIN	W7/20	0.48	0.15	0.33	68.75
R4/20	ASSUMED_LIV	W8/20	33.23	27.73	5.50	16.55
R5/20	ASSUMED_DIN	W9/20	17.72	16.47	1.25	7.05
R5/20	ASSUMED_DIN	W10/20	19.98	18.22	1.76	8.81
R5/20	ASSUMED_DIN	W11/20	0.41	0.16	0.25	60.98
R6/20	ASSUMED_LIV	W12/20	31.75	27.47	4.28	13.48

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R1/21	ASSUMED_BED	W1/21	25.37	21.89	3.48	13.72
R1/21	ASSUMED_BED	W2/21	25.64	21.96	3.68	14.35
R2/21	ASSUMED_BED	W3/21	33.11	27.16	5.95	17.97
R3/21	ASSUMED_BED	W4/21	33.12	27.50	5.62	16.97
R4/21	ASSUMED_BAT	W5/21	32.33	27.24	5.09	15.74
R5/21	ASSUMED_BED	W6/21	32.94	28.03	4.91	14.91
R6/21	ASSUMED_BED	W7/21	32.86	28.11	4.75	14.46
R7/21	ASSUMED_BAT	W8/21	32.04	27.63	4.41	13.76
R8/21	ASSUMED_BED	W9/21	32.59	28.04	4.55	13.96
R9/21	ASSUMED_BED	W10/21	32.49	27.95	4.54	13.97
R10/21	ASSUMED_BAT	W11/21	30.43	27.09	3.34	10.98
13 to 19 Coopers Lane						
R14/30	ASSUMED	W28/30	34.36	19.30	15.06	43.83
R15/30	ASSUMED	W29/30	34.33	19.69	14.64	42.64
R15/30	ASSUMED	W30/30	34.71	21.26	13.45	38.75
R15/30	ASSUMED	W31/30	34.51	20.84	13.67	39.61
R16/30	ASSUMED	W32/30	34.46	21.37	13.09	37.99
R16/30	ASSUMED	W33/30	33.33	20.65	12.68	38.04
R16/30	ASSUMED	W34/30	34.56	22.31	12.25	35.45
R17/30	ASSUMED	W35/30	34.13	22.30	11.83	34.66
R19/31	ASSUMED	W19/31	35.32	23.69	11.63	32.93
R20/31	ASSUMED	W20/31	35.25	24.14	11.11	31.52
R21/31	ASSUMED	W21/31	35.24	24.73	10.51	29.82
R22/31	ASSUMED	W22/31	35.19	25.09	10.10	28.70
R23/31	ASSUMED	W23/31	35.07	25.44	9.63	27.46

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R24/31	ASSUMED	W24/31	34.94	26.34	8.60	24.61
R13/32	DINING	W20/32	34.21	26.01	8.20	23.97
R13/32	DINING	W21/32	19.54	16.43	3.11	15.92
R14/32	BEDROOM	W22/32	32.12	26.14	5.98	18.62
R15/32	BEDROOM	W23/32	32.98	27.58	5.40	16.37
R16/32	DINING	W24/32	21.49	19.82	1.67	7.77
R16/32	DINING	W25/32	33.88	27.82	6.06	17.89
21 to 27 Coopers Lane						
R10/30	ASSUMED	W18/30	33.40	19.12	14.28	42.75
R10/30	ASSUMED	W19/30	34.45	19.35	15.10	43.83
R10/30	ASSUMED	W20/30	35.16	20.78	14.38	40.90
R10/30	ASSUMED	W21/30	34.61	19.30	15.31	44.24
R11/30	ASSUMED	W22/30	35.03	20.26	14.77	42.16
R11/30	ASSUMED	W23/30	34.91	19.90	15.01	43.00
R12/30	ASSUMED	W24/30	34.87	19.82	15.05	43.16
R12/30	ASSUMED	W25/30	33.99	18.77	15.22	44.78
R12/30	ASSUMED	W26/30	34.99	20.45	14.54	41.55
R13/30	ASSUMED	W27/30	34.58	19.04	15.54	44.94
R13/31	ASSUMED	W13/31	35.75	23.41	12.34	34.52
R14/31	ASSUMED	W14/31	35.71	23.34	12.37	34.64
R15/31	ASSUMED	W15/31	35.70	23.48	12.22	34.23
R16/31	ASSUMED	W16/31	35.66	23.51	12.15	34.07
R17/31	ASSUMED	W17/31	35.54	23.37	12.17	34.24
R18/31	ASSUMED	W18/31	35.42	23.44	11.98	33.82
R9/32	DINING	W14/32	34.62	25.06	9.56	27.61
R9/32	DINING	W15/32	19.92	17.02	2.90	14.56

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R10/32	BEDROOM	W16/32	32.56	24.76	7.80	23.96
R11/32	BEDROOM	W17/32	33.35	26.02	7.33	21.98
R12/32	DINING	W18/32	21.47	20.07	1.40	6.52
R12/32	DINING	W19/32	34.31	25.65	8.66	25.24
29 to 35 Coopers Lane						
R6/30	ASSUMED	W10/30	34.45	23.13	11.32	32.86
R7/30	ASSUMED	W11/30	34.53	22.55	11.98	34.69
R7/30	ASSUMED	W12/30	35.21	23.76	11.45	32.52
R7/30	ASSUMED	W13/30	35.03	23.09	11.94	34.09
R8/30	ASSUMED	W14/30	35.02	22.75	12.27	35.04
R8/30	ASSUMED	W15/30	34.46	21.54	12.92	37.49
R8/30	ASSUMED	W16/30	35.23	22.94	12.29	34.89
R9/30	ASSUMED	W17/30	34.78	20.59	14.19	40.80
R7/31	ASSUMED	W7/31	35.92	26.29	9.63	26.81
R8/31	ASSUMED	W8/31	36.00	26.08	9.92	27.56
R9/31	ASSUMED	W9/31	36.07	25.92	10.15	28.14
R10/31	ASSUMED	W10/31	36.03	25.61	10.42	28.92
R11/31	ASSUMED	W11/31	35.96	24.94	11.02	30.65
R12/31	ASSUMED	W12/31	35.86	24.01	11.85	33.05
R5/32	DINING	W8/32	34.92	27.23	7.69	22.02
R5/32	DINING	W9/32	21.99	18.74	3.25	14.78
R6/32	BEDROOM	W10/32	32.91	25.68	7.23	21.97
R7/32	BEDROOM	W11/32	33.43	26.57	6.86	20.52
R8/32	DINING	W12/32	21.39	20.54	0.85	3.97
R8/32	DINING	W13/32	34.75	25.50	9.25	26.62

37 to 43 Coopers Lane

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R1/30	ASSUMED	W1/30	28.78	21.95	6.83	23.73
R2/30	ASSUMED	W2/30	31.76	23.33	8.43	26.54
R3/30	ASSUMED	W3/30	32.81	23.64	9.17	27.95
R3/30	ASSUMED	W4/30	34.01	25.11	8.90	26.17
R3/30	ASSUMED	W5/30	33.81	24.42	9.39	27.77
R4/30	ASSUMED	W6/30	34.09	24.41	9.68	28.40
R4/30	ASSUMED	W7/30	33.59	23.62	9.97	29.68
R4/30	ASSUMED	W8/30	34.59	24.97	9.62	27.81
R5/30	ASSUMED	W9/30	34.16	23.51	10.65	31.18
R1/31	ASSUMED	W1/31	35.22	27.81	7.41	21.04
R2/31	ASSUMED	W2/31	35.55	27.64	7.91	22.25
R3/31	ASSUMED	W3/31	35.77	27.54	8.23	23.01
R4/31	ASSUMED	W4/31	35.86	27.41	8.45	23.56
R5/31	ASSUMED	W5/31	35.87	27.07	8.80	24.53
R6/31	ASSUMED	W6/31	35.89	26.71	9.18	25.58
R1/32	DINING	W1/32	37.78	37.52	0.26	0.69
R1/32	DINING	W2/32	35.01	28.88	6.13	17.51
R1/32	DINING	W3/32	20.28	17.94	2.34	11.54
R2/32	BEDROOM	W4/32	33.21	27.20	6.01	18.10
R3/32	BEDROOM	W5/32	33.41	27.81	5.60	16.76
R4/32	DINING	W6/32	21.10	20.85	0.25	1.18
R4/32	DINING	W7/32	34.96	27.61	7.35	21.02
38 to 48 Coopers Lane						
R1/60	ASSUMED_BAT	W1/60	30.59	25.29	5.30	17.33
R2/60	ASSUMED_BED	W2/60	31.45	26.32	5.13	16.31
R2/60	ASSUMED_BED	W3/60	30.81	25.71	5.10	16.55

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R2/60	ASSUMED_BED	W4/60	28.32	23.54	4.78	16.88
R2/60	ASSUMED_BED	W5/60	29.76	24.90	4.86	16.33
R3/60	ASSUMED_BED	W6/60	31.66	27.09	4.57	14.43
R3/60	ASSUMED_BED	W7/60	30.56	25.93	4.63	15.15
R3/60	ASSUMED_BED	W8/60	31.05	26.45	4.60	14.81
R3/60	ASSUMED_BED	W9/60	29.57	25.18	4.39	14.85
R4/60	ASSUMED_BAT	W10/60	31.35	27.04	4.31	13.75
R6/60	ASSUMED_BAT	W14/60	31.54	27.46	4.08	12.94
R7/60	ASSUMED_BED	W15/60	32.07	28.24	3.83	11.94
R7/60	ASSUMED_BED	W16/60	31.41	27.64	3.77	12.00
R7/60	ASSUMED_BED	W17/60	28.80	25.18	3.62	12.57
R7/60	ASSUMED_BED	W18/60	30.05	26.48	3.57	11.88
R8/60	ASSUMED_BED	W19/60	32.15	28.72	3.43	10.67
R8/60	ASSUMED_BED	W20/60	31.02	27.68	3.34	10.77
R8/60	ASSUMED_BED	W21/60	31.49	28.06	3.43	10.89
R8/60	ASSUMED_BED	W22/60	30.09	26.71	3.38	11.23
R9/60	ASSUMED_BAT	W23/60	31.73	28.53	3.20	10.09
R11/60	ASSUMED_BAT	W27/60	31.72	28.95	2.77	8.73
R12/60	ASSUMED_BED	W28/60	32.17	29.52	2.65	8.24
R12/60	ASSUMED_BED	W29/60	31.49	28.84	2.65	8.42
R12/60	ASSUMED_BED	W30/60	29.36	26.74	2.62	8.92
R12/60	ASSUMED_BED	W31/60	30.46	27.89	2.57	8.44
R13/60	ASSUMED_BED	W32/60	32.11	29.74	2.37	7.38
R13/60	ASSUMED_BED	W33/60	30.94	28.60	2.34	7.56
R13/60	ASSUMED_BED	W34/60	31.42	29.09	2.33	7.42
R13/60	ASSUMED_BED	W35/60	29.82	27.54	2.28	7.65
R14/60	ASSUMED_BAT	W36/60	31.57	29.33	2.24	7.10
R1/61	ASSUMED_BAT	W1/61	17.78	12.80	4.98	28.01
R2/61	ASSUMED_BED	W2/61	11.67	9.65	2.02	17.31
R2/61	ASSUMED_BED	W3/61	7.71	7.24	0.47	6.10
R2/61	ASSUMED_BED	W4/61	32.94	27.58	5.36	16.27

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R3/61	ASSUMED_BED	W5/61	33.20	28.36	4.84	14.58
R3/61	ASSUMED_BED	W6/61	19.79	19.45	0.34	1.72
R3/61	ASSUMED_BED	W7/61	10.69	10.69	0.00	0.00
R4/61	ASSUMED_BAT	W8/61	21.59	21.20	0.39	1.81
R5/61	ASSUMED_BAT	W9/61	19.40	15.69	3.71	19.12
R6/61	ASSUMED_BAT	W16/61	21.72	21.31	0.41	1.89
R7/61	ASSUMED_BED	W10/61	15.78	13.37	2.41	15.27
R7/61	ASSUMED_BED	W11/61	10.69	10.06	0.63	5.89
R7/61	ASSUMED_BED	W12/61	33.65	29.57	4.08	12.12
R8/61	ASSUMED_BED	W13/61	33.77	30.00	3.77	11.16
R8/61	ASSUMED_BED	W14/61	19.74	19.48	0.26	1.32
R8/61	ASSUMED_BED	W15/61	10.73	10.73	0.00	0.00
R9/61	ASSUMED_BAT	W17/61	20.07	17.33	2.74	13.65
R10/61	ASSUMED_BAT	W24/61	21.34	21.01	0.33	1.55
R12/61	ASSUMED_BED	W18/61	16.58	14.20	2.38	14.35
R12/61	ASSUMED_BED	W19/61	10.73	10.02	0.71	6.62
R12/61	ASSUMED_BED	W20/61	33.88	31.06	2.82	8.32
R13/61	ASSUMED_BED	W21/61	33.85	31.24	2.61	7.71
R13/61	ASSUMED_BED	W22/61	19.56	19.39	0.17	0.87
R13/61	ASSUMED_BED	W23/61	10.76	10.76	0.00	0.00
R1/62	ASSUMED	W1/62	33.30	27.97	5.33	16.01
R1/62	ASSUMED	W2/62	33.84	28.69	5.15	15.22
R1/62	ASSUMED	W3/62	27.79	23.88	3.91	14.07
R1/62	ASSUMED	W4/62	33.36	28.36	5.00	14.99
R2/62	ASSUMED	W5/62	33.69	28.95	4.74	14.07
R2/62	ASSUMED	W6/62	33.90	28.95	4.95	14.60
R2/62	ASSUMED	W7/62	26.98	23.18	3.80	14.08
R2/62	ASSUMED	W8/62	29.01	24.38	4.63	15.96
R3/62	ASSUMED	W9/62	30.63	26.40	4.23	13.81
R3/62	ASSUMED	W10/62	34.45	30.35	4.10	11.90
R3/62	ASSUMED	W11/62	27.60	24.45	3.15	11.41
R3/62	ASSUMED	W12/62	33.91	30.11	3.80	11.21

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R4/62	ASSUMED	W13/62	34.35	30.62	3.73	10.86
R4/62	ASSUMED	W14/62	34.50	30.73	3.77	10.93
R4/62	ASSUMED	W15/62	27.35	24.35	3.00	10.97
R4/62	ASSUMED	W16/62	29.82	26.35	3.47	11.64
R5/62	ASSUMED	W17/62	31.02	28.47	2.55	8.22
R5/62	ASSUMED	W18/62	34.90	31.73	3.17	9.08
R5/62	ASSUMED	W19/62	27.77	25.62	2.15	7.74
R5/62	ASSUMED	W20/62	34.53	31.58	2.95	8.54
R6/62	ASSUMED	W21/62	34.72	31.96	2.76	7.95
R6/62	ASSUMED	W22/62	34.86	32.02	2.84	8.15
R6/62	ASSUMED	W23/62	27.61	25.38	2.23	8.08
R6/62	ASSUMED	W24/62	29.93	27.16	2.77	9.25
R1/63	ASSUMED	W1/63	26.51	24.78	1.73	6.53
R1/63	ASSUMED	W2/63	32.26	26.98	5.28	16.37
R2/63	ASSUMED	W3/63	32.40	27.23	5.17	15.96
R3/63	ASSUMED	W4/63	32.60	27.68	4.92	15.09
R4/63	ASSUMED	W5/63	32.82	28.11	4.71	14.35
R4/63	ASSUMED	W6/63	23.12	22.70	0.42	1.82
R5/63	ASSUMED	W7/63	20.74	18.55	2.19	10.56
R5/63	ASSUMED	W8/63	33.05	28.87	4.18	12.65
R6/63	ASSUMED	W9/63	33.14	29.15	3.99	12.04
R7/63	ASSUMED	W10/63	33.27	29.49	3.78	11.36
R8/63	ASSUMED	W11/63	33.46	29.95	3.51	10.49
R8/63	ASSUMED	W12/63	23.19	22.77	0.42	1.81
R9/63	ASSUMED	W13/63	21.18	19.02	2.16	10.20
R9/63	ASSUMED	W14/63	33.64	30.35	3.29	9.78
R10/63	ASSUMED	W15/63	33.70	30.63	3.07	9.11
R11/63	ASSUMED	W16/63	33.84	30.92	2.92	8.63
R12/63	ASSUMED	W17/63	33.96	31.09	2.87	8.45

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R12/63	ASSUMED	W18/63	23.20	22.79	0.41	1.77
47 to 53 Coopers Lane						
R1/70	LIVINGROOM	W1/70	32.18	29.66	2.52	7.83
R1/70	LIVINGROOM	W2/70	33.32	30.57	2.75	8.25
R1/70	LIVINGROOM	W3/70	32.35	29.72	2.63	8.13
R3/70	WC	W6/70	32.71	29.97	2.74	8.38
R4/70	LIVINGROOM	W10/70	31.58	29.23	2.35	7.44
R6/70	WC	W7/70	32.58	29.92	2.66	8.16
R1/71	BEDROOM	W1/71	34.79	31.91	2.88	8.28
R2/71	BEDROOM	W2/71	34.62	31.87	2.75	7.94
R3/71	BATHROOM	W3/71	34.55	31.89	2.66	7.70
R4/71	BATHROOM	W4/71	34.39	31.86	2.53	7.36
R5/71	BEDROOM	W5/71	34.08	31.65	2.43	7.13
R6/71	BEDROOM	W6/71	33.69	31.54	2.15	6.38
R1/72	ASSUMED	W1/72	36.68	35.30	1.38	3.76
R1/72	ASSUMED	W2/72	34.34	31.85	2.49	7.25
R1/72	ASSUMED	W3/72	22.84	22.78	0.06	0.26
R2/72	ASSUMED	W4/72	32.71	30.83	1.88	5.75
R3/72	ASSUMED	W5/72	32.52	30.59	1.93	5.93
R4/72	ASSUMED	W6/72	22.58	21.09	1.49	6.60
R4/72	ASSUMED	W7/72	33.49	31.73	1.76	5.26
55 to 61 Coopers Lane						
R5/70	LIVINGROOM	W11/70	30.96	28.90	2.06	6.65
R5/70	LIVINGROOM	W12/70	31.98	29.91	2.07	6.47
R5/70	LIVINGROOM	W13/70	30.83	28.89	1.94	6.29
R8/70	LIVINGROOM	W20/70	28.49	27.16	1.33	4.67

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R8/70	LIVINGROOM	W21/70	28.11	26.87	1.24	4.41
R8/70	LIVINGROOM	W22/70	29.32	28.15	1.17	3.99
R10/70	WC	W16/70	30.35	28.72	1.63	5.37
R11/70	WC	W17/70	29.95	28.41	1.54	5.14
R7/71	BEDROOM	W7/71	33.30	31.42	1.88	5.65
R8/71	BEDROOM	W8/71	32.83	31.20	1.63	4.96
R9/71	BATHROOM	W9/71	32.46	31.04	1.42	4.37
R10/71	BATHROOM	W10/71	32.12	30.83	1.29	4.02
R11/71	BEDROOM	W11/71	31.71	30.54	1.17	3.69
R12/71	BEDROOM	W12/71	31.19	30.16	1.03	3.30
R5/72	ASSUMED	W8/72	33.18	31.68	1.50	4.52
R5/72	ASSUMED	W9/72	22.67	22.67	0.00	0.00
R6/72	ASSUMED	W10/72	31.24	30.47	0.77	2.46
R7/72	ASSUMED	W11/72	31.04	30.12	0.92	2.96
R8/72	ASSUMED	W12/72	22.62	21.41	1.21	5.35
R8/72	ASSUMED	W13/72	31.79	30.94	0.85	2.67
3 - 5 Hampden Close						
R1/101	ASSUMED	W1/101	23.47	19.37	4.10	17.47
R1/101	ASSUMED	W2/101	24.27	20.27	4.00	16.48
R1/101	ASSUMED	W3/101	25.69	22.79	2.90	11.29
R2/101	ASSUMED	W4/101	34.81	31.90	2.91	8.36
R3/101	ASSUMED	W5/101	35.90	32.83	3.07	8.55
R1/102	ASSUMED	W1/102	24.24	21.46	2.78	11.47
R1/102	ASSUMED	W2/102	25.04	22.34	2.70	10.78
R1/102	ASSUMED	W3/102	26.64	24.64	2.00	7.51
R2/102	ASSUMED	W4/102	36.01	34.12	1.89	5.25

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R3/102	ASSUMED	W5/102	36.88	34.88	2.00	5.42
R1/103	ASSUMED	W1/103	36.56	35.40	1.16	3.17
R1/103	ASSUMED	W2/103	36.04	34.97	1.07	2.97
R1/103	ASSUMED	W3/103	36.43	35.06	1.37	3.76
R2/103	ASSUMED	W4/103	36.44	35.19	1.25	3.43
R3/103	ASSUMED	W5/103	36.74	35.57	1.17	3.18
8 Hampden Close						
R1/40	ASSUMED	W1/40	31.89	31.53	0.36	1.13
R1/40	ASSUMED	W2/40	17.79	16.29	1.50	8.43
R2/40	ASSUMED	W3/40	25.98	21.63	4.35	16.74
R3/40	ASSUMED	W4/40	28.59	23.75	4.84	16.93
R4/40	ASSUMED	W5/40	29.84	24.00	5.84	19.57
R4/40	ASSUMED	W6/40	30.14	24.09	6.05	20.07
R4/40	ASSUMED	W7/40	31.05	25.40	5.65	18.20
R5/40	ASSUMED	W8/40	30.51	24.03	6.48	21.24
R5/40	ASSUMED	W9/40	26.99	23.59	3.40	12.60
R5/40	ASSUMED	W10/40	31.76	25.02	6.74	21.22
R6/40	ASSUMED	W11/40	31.04	23.21	7.83	25.23
R6/40	ASSUMED	W12/40	31.00	22.91	8.09	26.10
R6/40	ASSUMED	W13/40	31.97	23.82	8.15	25.49
R6/40	ASSUMED	W14/40	30.89	22.71	8.18	26.48
R7/40	ASSUMED	W15/40	30.23	21.56	8.67	28.68
R7/40	ASSUMED	W16/40	28.86	21.02	7.84	27.17
R7/40	ASSUMED	W17/40	31.36	22.05	9.31	29.69
R1/41	ASSUMED	W1/41	28.63	25.32	3.31	11.56
R2/41	ASSUMED	W2/41	30.22	26.43	3.79	12.54
R3/41	ASSUMED	W3/41	30.93	26.85	4.08	13.19
R4/41	ASSUMED	W4/41	31.13	26.43	4.70	15.10

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R5/41	ASSUMED	W5/41	31.84	26.37	5.47	17.18
R6/41	ASSUMED	W6/41	32.05	26.02	6.03	18.81
R7/41	ASSUMED	W7/41	31.82	24.56	7.26	22.82
R8/41	ASSUMED	W8/41	32.36	23.81	8.55	26.42
R9/41	ASSUMED	W9/41	32.53	22.94	9.59	29.48
1 to 46 Clyde Court						
R1/100	ASSUMED	W1/100	34.76	30.73	4.03	11.59
R2/100	ASSUMED	W2/100	33.56	29.80	3.76	11.20
R3/100	ASSUMED	W3/100	24.50	20.88	3.62	14.78
R3/100	ASSUMED	W4/100	22.91	20.48	2.43	10.61
R3/100	ASSUMED	W5/100	1.46	0.24	1.22	83.56
R3/100	ASSUMED	W6/100	19.11	16.08	3.03	15.86
R5/100	ASSUMED	W9/100	12.86	12.40	0.46	3.58
R5/100	ASSUMED	W10/100	17.73	17.19	0.54	3.05
R5/100	ASSUMED	W11/100	1.18	0.20	0.98	83.05
R5/100	ASSUMED	W12/100	23.84	21.32	2.52	10.57
R6/100	ASSUMED	W13/100	32.67	30.15	2.52	7.71
R7/100	ASSUMED	W14/100	33.34	30.89	2.45	7.35
R8/100	ASSUMED	W15/100	33.21	30.94	2.27	6.84
R9/100	ASSUMED	W16/100	32.02	29.89	2.13	6.65
R10/100	ASSUMED	W17/100	22.85	20.91	1.94	8.49
R10/100	ASSUMED	W18/100	22.00	21.00	1.00	4.55
R10/100	ASSUMED	W19/100	1.44	0.47	0.97	67.36
R10/100	ASSUMED	W20/100	19.31	17.79	1.52	7.87
R4/101	ASSUMED	W6/101	35.81	32.93	2.88	8.04
R5/101	ASSUMED	W7/101	34.62	31.98	2.64	7.63

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R6/101	ASSUMED	W8/101	25.54	23.02	2.52	9.87
R6/101	ASSUMED	W9/101	24.07	21.33	2.74	11.38
R6/101	ASSUMED	W10/101	23.24	20.55	2.69	11.57
R8/101	ASSUMED	W13/101	19.07	17.12	1.95	10.23
R8/101	ASSUMED	W14/101	21.70	19.75	1.95	8.99
R8/101	ASSUMED	W15/101	24.94	23.18	1.76	7.06
R9/101	ASSUMED	W16/101	34.13	32.39	1.74	5.10
R10/101	ASSUMED	W17/101	34.88	33.19	1.69	4.85
R11/101	ASSUMED	W18/101	34.80	33.20	1.60	4.60
R12/101	ASSUMED	W19/101	33.59	32.08	1.51	4.50
R13/101	ASSUMED	W20/101	24.40	22.99	1.41	5.78
R13/101	ASSUMED	W21/101	22.70	21.26	1.44	6.34
R13/101	ASSUMED	W22/101	21.84	20.42	1.42	6.50
R4/102	ASSUMED	W6/102	36.83	34.95	1.88	5.10
R5/102	ASSUMED	W7/102	35.93	34.19	1.74	4.84
R6/102	ASSUMED	W8/102	26.62	24.97	1.65	6.20
R6/102	ASSUMED	W9/102	24.99	23.21	1.78	7.12
R6/102	ASSUMED	W10/102	24.18	22.42	1.76	7.28
R8/102	ASSUMED	W13/102	19.98	18.71	1.27	6.36
R8/102	ASSUMED	W14/102	22.76	21.50	1.26	5.54
R8/102	ASSUMED	W15/102	26.09	24.93	1.16	4.45
R9/102	ASSUMED	W16/102	35.73	34.61	1.12	3.13
R10/102	ASSUMED	W17/102	36.44	35.37	1.07	2.94
R11/102	ASSUMED	W18/102	36.38	35.36	1.02	2.80
R12/102	ASSUMED	W19/102	35.45	34.47	0.98	2.76
R13/102	ASSUMED	W20/102	26.09	25.11	0.98	3.76
R13/102	ASSUMED	W21/102	24.29	23.28	1.01	4.16
R13/102	ASSUMED	W22/102	23.46	22.46	1.00	4.26

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R4/103	ASSUMED	W6/103	36.75	35.70	1.05	2.86
R5/103	ASSUMED	W7/103	36.49	35.53	0.96	2.63
R6/103	ASSUMED	W8/103	36.51	35.59	0.92	2.52
R6/103	ASSUMED	W9/103	36.50	35.95	0.55	1.51
R6/103	ASSUMED	W10/103	36.57	36.01	0.56	1.53
R8/103	ASSUMED	W14/103	34.16	33.83	0.33	0.97
R8/103	ASSUMED	W15/103	35.91	35.22	0.69	1.92
R9/103	ASSUMED	W16/103	36.43	35.73	0.70	1.92
R10/103	ASSUMED	W17/103	36.77	36.10	0.67	1.82
R11/103	ASSUMED	W18/103	36.78	36.10	0.68	1.85
R12/103	ASSUMED	W19/103	36.52	35.85	0.67	1.83
R13/103	ASSUMED	W20/103	36.51	35.84	0.67	1.84
R13/103	ASSUMED	W21/103	36.40	36.04	0.36	0.99
R13/103	ASSUMED	W22/103	36.60	36.24	0.36	0.98
21 to 29 Somers Close						
R1/120	ASSUMED_LIV	W1/120	32.57	25.58	6.99	21.46
R1/120	ASSUMED_LIV	W2/120	34.66	27.52	7.14	20.60
R1/120	ASSUMED_LIV	W3/120	29.52	22.46	7.06	23.92
R2/120	ASSUMED_KD	W4/120	35.09	27.23	7.86	22.40
R4/120	ASSUMED_KD	W6/120	31.40	25.58	5.82	18.54
R5/120	ASSUMED_LIV	W7/120	32.84	26.15	6.69	20.37
R5/120	ASSUMED_LIV	W8/120	28.21	22.68	5.53	19.60
R5/120	ASSUMED_LIV	W9/120	29.13	23.62	5.51	18.92
R1/121	ASSUMED_LIV	W1/121	35.91	32.06	3.85	10.72
R1/121	ASSUMED_LIV	W2/121	35.95	32.38	3.57	9.93
R1/121	ASSUMED_LIV	W3/121	35.67	31.11	4.56	12.78
R2/121	ASSUMED_KD	W4/121	36.06	31.81	4.25	11.79
R4/121	ASSUMED_KD	W5/121	34.63	30.77	3.86	11.15

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R5/121	ASSUMED_LIV	W6/121	35.88	31.91	3.97	11.06
R5/121	ASSUMED_LIV	W7/121	35.59	30.43	5.16	14.50
R5/121	ASSUMED_LIV	W8/121	35.96	31.72	4.24	11.79
R1/122	ASSUMED_LIV	W1/122	36.63	34.89	1.74	4.75
R1/122	ASSUMED_LIV	W2/122	36.66	34.90	1.76	4.80
R1/122	ASSUMED_LIV	W3/122	36.42	34.29	2.13	5.85
R2/122	ASSUMED_KD	W4/122	36.73	34.65	2.08	5.66
R4/122	ASSUMED_KD	W5/122	35.63	33.47	2.16	6.06
R5/122	ASSUMED_LIV	W6/122	36.63	34.21	2.42	6.61
R5/122	ASSUMED_LIV	W7/122	36.37	33.53	2.84	7.81
R5/122	ASSUMED_LIV	W8/122	36.67	34.07	2.60	7.09
R1/130	ASSUMED	W1/130	29.95	24.31	5.64	18.83
R1/131	ASSUMED	W1/131	35.35	31.50	3.85	10.89
R1/132	ASSUMED_BAT	W1/132	35.81	33.43	2.38	6.65
16 to 19 Somers Close						
R2/130	ASSUMED	W2/130	33.24	26.80	6.44	19.37
R2/130	ASSUMED	W3/130	34.68	28.12	6.56	18.92
R2/130	ASSUMED	W4/130	28.01	22.43	5.58	19.92
R3/130	ASSUMED	W5/130	34.65	27.90	6.75	19.48
R3/130	ASSUMED	W6/130	27.92	22.50	5.42	19.41
R3/130	ASSUMED	W7/130	34.11	27.57	6.54	19.17
R4/130	ASSUMED	W8/130	30.79	24.61	6.18	20.07
R5/130	ASSUMED	W9/130	35.50	28.67	6.83	19.24
R6/130	ASSUMED	W10/130	34.70	28.20	6.50	18.73
R6/130	ASSUMED	W11/130	33.55	27.80	5.75	17.14
R6/130	ASSUMED	W12/130	27.52	21.90	5.62	20.42
R7/130	ASSUMED	W13/130	32.72	28.36	4.36	13.33
R7/130	ASSUMED	W14/130	25.95	23.23	2.72	10.48
R7/130	ASSUMED	W15/130	33.67	29.58	4.09	12.15

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R8/130	ASSUMED	W16/130	33.68	29.50	4.18	12.41
R1/131	ASSUMED	W2/131	36.20	32.16	4.04	11.16
R2/131	ASSUMED	W3/131	36.22	31.84	4.38	12.09
R2/131	ASSUMED	W4/131	35.22	30.72	4.50	12.78
R3/131	ASSUMED	W5/131	36.42	31.81	4.61	12.66
R3/131	ASSUMED	W6/131	36.38	32.19	4.19	11.52
R4/131	ASSUMED	W7/131	36.29	32.37	3.92	10.80
R4/131	ASSUMED	W8/131	36.00	32.37	3.63	10.08
R2/132	ASSUMED_BED	W2/132	36.85	34.29	2.56	6.95
R3/132	ASSUMED_BED	W3/132	36.85	34.13	2.72	7.38
R4/132	ASSUMED_BAT	W4/132	34.77	32.39	2.38	6.84
R5/132	ASSUMED_BAT	W5/132	37.06	34.47	2.59	6.99
R6/132	ASSUMED_BED	W6/132	36.98	34.58	2.40	6.49
R7/132	ASSUMED_BED	W7/132	36.92	34.61	2.31	6.26
R8/132	ASSUMED_BAT	W8/132	36.53	34.42	2.11	5.78
R1/140	ASSUMED	W1/140	34.56	30.39	4.17	12.07
R1/141	ASSUMED	W1/141	35.87	32.59	3.28	9.14
R1/142	ASSUMED	W1/142	36.63	34.50	2.13	5.81
8 to 15 Somers Close						
R1/140	ASSUMED	W2/140	34.31	30.14	4.17	12.15
R1/140	ASSUMED	W3/140	30.17	27.87	2.30	7.62
R2/140	ASSUMED	W4/140	28.29	25.35	2.94	10.39
R3/140	ASSUMED	W5/140	34.37	30.88	3.49	10.15
R4/140	ASSUMED	W6/140	35.03	31.49	3.54	10.11

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R4/140	ASSUMED	W7/140	31.73	29.50	2.23	7.03
R4/140	ASSUMED	W8/140	34.91	31.51	3.40	9.74
R1/141	ASSUMED	W2/141	35.52	32.35	3.17	8.92
R1/141	ASSUMED	W3/141	35.25	31.58	3.67	10.41
R2/141	ASSUMED	W4/141	29.38	27.47	1.91	6.50
R3/141	ASSUMED	W5/141	36.40	33.10	3.30	9.07
R4/141	ASSUMED	W6/141	36.29	33.13	3.16	8.71
R4/141	ASSUMED	W7/141	36.04	32.59	3.45	9.57
R4/141	ASSUMED	W8/141	36.23	33.04	3.19	8.80
R1/142	ASSUMED	W2/142	36.39	34.27	2.12	5.83
R1/142	ASSUMED	W3/142	36.03	33.59	2.44	6.77
R2/142	ASSUMED	W4/142	30.12	28.96	1.16	3.85
R3/142	ASSUMED	W5/142	36.97	34.53	2.44	6.60
R4/142	ASSUMED	W6/142	36.90	34.56	2.34	6.34
R4/142	ASSUMED	W7/142	36.69	34.06	2.63	7.17
R4/142	ASSUMED	W8/142	36.86	34.46	2.40	6.51
1 to 3 Charrington Street						
R1/149	ASSUMED	W1/149	25.23	23.31	1.92	7.61
R2/149	ASSUMED	W2/149	25.69	24.62	1.07	4.17
R1/150	ASSUMED	W1/150	34.69	33.62	1.07	3.08
R2/150	ASSUMED	W2/150	35.17	33.95	1.22	3.47
R4/150	ASSUMED	W4/150	37.47	33.12	4.35	11.61
R6/150	ASSUMED	W6/150	37.44	34.21	3.23	8.63
R1/151	ASSUMED	W1/151	37.12	36.36	0.76	2.05
R2/151	ASSUMED	W2/151	37.32	36.42	0.90	2.41
R3/151	ASSUMED	W3/151	38.00	33.71	4.29	11.29

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R4/151	ASSUMED	W4/151	38.01	34.24	3.77	9.92
R5/151	ASSUMED	W5/151	37.96	34.76	3.20	8.43
R6/151	ASSUMED	W6/151	38.04	35.12	2.92	7.68
R1/152	ASSUMED	W1/152	38.94	38.48	0.46	1.18
R2/152	ASSUMED	W2/152	38.90	38.38	0.52	1.34
R3/152	ASSUMED	W3/152	38.48	34.84	3.64	9.46
R4/152	ASSUMED	W4/152	38.49	35.28	3.21	8.34
R5/152	ASSUMED	W5/152	38.44	35.70	2.74	7.13
R6/152	ASSUMED	W6/152	38.52	36.04	2.48	6.44
130 Chalton Street (PH)						
R2/171	BATHROOM	W2/171	35.92	32.04	3.88	10.80
R3/171	KITCHEN	W3/171	37.38	32.91	4.47	11.96
R3/171	KITCHEN	W4/171	37.25	32.67	4.58	12.30
R3/171	KITCHEN	W5/171	37.60	32.77	4.83	12.85
R3/171	KITCHEN	W6/171	35.05	16.66	18.39	52.47
R4/171	BEDROOM	W7/171	34.84	17.53	17.31	49.68
R4/171	BEDROOM	W8/171	34.53	19.47	15.06	43.61
R4/171	BEDROOM	W9/171	28.02	28.02	0.00	0.00
R2/172	WC	W3/172	36.75	33.40	3.35	9.12
R3/172	BATHROOM	W4/172	37.47	33.81	3.66	9.77
R4/172	KITCHEN	W5/172	36.21	19.14	17.07	47.14
R5/172	BEDROOM	W6/172	36.08	20.12	15.96	44.24
R6/172	BEDROOM	W7/172	35.89	22.06	13.83	38.53
R6/172	BEDROOM	W8/172	31.47	31.47	0.00	0.00
R6/172	BEDROOM	W9/172	31.06	31.05	0.01	0.03

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R2/173	BATHROOM	W2/173	38.20	35.42	2.78	7.28
R3/173	LKD	W3/173	37.01	24.38	12.63	34.13
R3/173	LKD	W4/173	34.48	34.46	0.02	0.06
117 St.Anthonys Flats						
R1/190	ASSUMED	W1/190	29.78	25.50	4.28	14.37
R1/190	ASSUMED	W2/190	24.90	18.48	6.42	25.78
R2/190	ASSUMED	W3/190	30.44	24.17	6.27	20.60
R1/191	ASSUMED	W1/191	27.04	27.02	0.02	0.07
R1/191	ASSUMED	W2/191	32.16	28.43	3.73	11.60
R1/191	ASSUMED	W3/191	26.10	20.45	5.65	21.65
R2/191	ASSUMED	W4/191	32.48	26.88	5.60	17.24
R2/191	ASSUMED	W5/191	20.36	16.54	3.82	18.76
R1/192	ASSUMED	W1/192	28.57	28.54	0.03	0.11
R1/192	ASSUMED	W2/192	34.75	31.53	3.22	9.27
R1/192	ASSUMED	W3/192	27.18	22.40	4.78	17.59
R2/192	ASSUMED	W4/192	34.54	29.78	4.76	13.78
R2/192	ASSUMED	W5/192	29.69	26.46	3.23	10.88
R1/193	ASSUMED	W1/193	30.10	30.01	0.09	0.30
R1/193	ASSUMED	W2/193	36.86	34.06	2.80	7.60
R1/193	ASSUMED	W3/193	27.77	23.90	3.87	13.94
R2/193	ASSUMED	W4/193	34.80	30.92	3.88	11.15
R2/193	ASSUMED	W5/193	31.31	28.84	2.47	7.89
R1/194	ASSUMED	W1/194	39.04	36.65	2.39	6.12
R2/194	ASSUMED	W2/194	39.03	36.09	2.94	7.53
R2/194	ASSUMED	W3/194	36.60	34.82	1.78	4.86
1 to 14 Phyllis Hodges House						
R1/200	ASSUMED	W1/200	34.79	21.87	12.92	37.14
R1/200	ASSUMED	W2/200	34.68	21.43	13.25	38.21
R2/200	ASSUMED	W3/200	1.14	0.08	1.06	92.98

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R3/200	ASSUMED	W4/200	34.66	21.50	13.16	37.97
R4/200	ASSUMED	W5/200	33.88	21.29	12.59	37.16
R4/200	ASSUMED	W6/200	27.15	20.66	6.49	23.90
R4/200	ASSUMED	W7/200	26.68	20.64	6.04	22.64
R4/200	ASSUMED	W8/200	25.58	25.48	0.10	0.39
R1/201	ASSUMED	W1/201	36.67	24.71	11.96	32.62
R1/201	ASSUMED	W2/201	36.65	24.43	12.22	33.34
R2/201	ASSUMED	W3/201	36.57	24.06	12.51	34.21
R2/201	ASSUMED	W4/201	36.54	23.99	12.55	34.35
R3/201	ASSUMED	W5/201	36.65	24.16	12.49	34.08
R4/201	ASSUMED	W6/201	36.11	24.00	12.11	33.54
R4/201	ASSUMED	W7/201	35.97	24.05	11.92	33.14
R4/201	ASSUMED	W8/201	28.54	22.66	5.88	20.60
R4/201	ASSUMED	W9/201	28.13	22.69	5.44	19.34
R4/201	ASSUMED	W10/201	28.13	28.07	0.06	0.21
R1/202	ASSUMED	W1/202	37.59	26.67	10.92	29.05
R2/202	ASSUMED	W2/202	37.56	26.19	11.37	30.27
R3/202	ASSUMED	W3/202	37.55	26.27	11.28	30.04
R4/202	ASSUMED	W4/202	37.22	26.50	10.72	28.80
R4/202	ASSUMED	W5/202	30.79	25.52	5.27	17.12
R4/202	ASSUMED	W6/202	30.50	25.64	4.86	15.93
R4/202	ASSUMED	W7/202	31.14	31.10	0.04	0.13
R1/203	ASSUMED	W1/203	38.31	29.04	9.27	24.20
R2/203	ASSUMED	W2/203	38.31	28.66	9.65	25.19
R3/203	ASSUMED	W3/203	38.31	28.68	9.63	25.14
R4/203	ASSUMED	W4/203	38.23	29.16	9.07	23.72
R4/203	ASSUMED	W5/203	35.54	31.02	4.52	12.72
R4/203	ASSUMED	W6/203	35.36	31.23	4.13	11.68
R4/203	ASSUMED	W7/203	34.42	34.37	0.05	0.15

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R1/204	ASSUMED	W1/204	38.66	31.33	7.33	18.96
R2/204	ASSUMED	W2/204	38.68	31.15	7.53	19.47
R3/204	ASSUMED	W3/204	38.70	31.02	7.68	19.84
R4/204	ASSUMED	W4/204	38.69	31.22	7.47	19.31
R4/204	ASSUMED	W5/204	38.72	31.70	7.02	18.13
R4/204	ASSUMED	W6/204	38.61	35.41	3.20	8.29
R4/204	ASSUMED	W7/204	37.03	36.99	0.04	0.11
105 to 113 Chalton Street						
R2/209	ASSUMED	W3/209	33.09	22.89	10.20	30.83
R3/209	ASSUMED	W4/209	34.12	23.08	11.04	32.36
R3/209	ASSUMED	W5/209	26.07	18.57	7.50	28.77
R4/210	ASSUMED	W4/210	24.65	15.07	9.58	38.86
R5/210	ASSUMED	W5/210	24.25	13.82	10.43	43.01
R3/211	ASSUMED	W3/211	36.93	30.60	6.33	17.14
R4/211	ASSUMED	W4/211	36.77	29.47	7.30	19.85
R5/211	ASSUMED	W5/211	35.43	29.46	5.97	16.85
R5/211	ASSUMED	W6/211	37.34	28.37	8.97	24.02
R5/211	ASSUMED	W7/211	35.56	25.41	10.15	28.54
R6/211	ASSUMED	W8/211	34.81	27.12	7.69	22.09
R6/211	ASSUMED	W9/211	37.31	26.83	10.48	28.09
R6/211	ASSUMED	W10/211	35.65	24.83	10.82	30.35
R3/212	ASSUMED	W3/212	37.55	32.25	5.30	14.11
R4/212	ASSUMED	W4/212	37.42	31.15	6.27	16.76
R5/212	ASSUMED	W5/212	36.29	31.24	5.05	13.92
R5/212	ASSUMED	W6/212	38.13	30.58	7.55	19.80
R5/212	ASSUMED	W7/212	36.27	27.75	8.52	23.49
R6/212	ASSUMED	W8/212	35.58	29.06	6.52	18.32
R6/212	ASSUMED	W9/212	38.14	29.23	8.91	23.36

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R6/212	ASSUMED	W10/212	36.48	27.23	9.25	25.36
R3/213	ASSUMED	W3/213	37.42	33.15	4.27	11.41
R4/213	ASSUMED	W4/213	37.88	32.75	5.13	13.54
R5/213	ASSUMED	W5/213	37.06	32.97	4.09	11.04
R5/213	ASSUMED	W6/213	38.58	32.47	6.11	15.84
R5/213	ASSUMED	W7/213	36.99	30.17	6.82	18.44
R6/213	ASSUMED	W8/213	36.29	31.00	5.29	14.58
R6/213	ASSUMED	W9/213	38.61	31.39	7.22	18.70
R6/213	ASSUMED	W10/213	36.97	29.48	7.49	20.26
R1/219	ASSUMED	W1/219	7.09	7.09	0.00	0.00
R2/219	ASSUMED	W2/219	13.55	12.87	0.68	5.02
R2/220	ASSUMED	W3/220	35.41	27.10	8.31	23.47
101 to 103 Chalton Street						
R1/209	ASSUMED	W1/209	34.06	29.46	4.60	13.51
R1/209	ASSUMED	W2/209	22.99	22.33	0.66	2.87
R1/210	ASSUMED	W1/210	35.67	31.08	4.59	12.87
R1/211	ASSUMED	W1/211	36.53	32.40	4.13	11.31
R2/211	ASSUMED	W2/211	36.67	31.90	4.77	13.01
R1/212	ASSUMED	W1/212	37.07	33.56	3.51	9.47
R2/212	ASSUMED	W2/212	37.14	33.18	3.96	10.66
R1/213	ASSUMED	W1/213	36.80	33.90	2.90	7.88
R2/213	ASSUMED	W2/213	36.27	33.05	3.22	8.88
40 to 151 Walker House						
R1/330	ASSUMED	W1/330	31.25	30.14	1.11	3.55
R2/330	ASSUMED	W2/330	37.75	33.36	4.39	11.63

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R2/330	ASSUMED	W3/330	37.74	33.42	4.32	11.45
R2/330	ASSUMED	W4/330	37.71	33.49	4.22	11.19
R3/330	ASSUMED	W5/330	37.70	33.55	4.15	11.01
R4/330	ASSUMED	W6/330	37.65	33.51	4.14	11.00
R5/330	ASSUMED	W7/330	37.61	33.61	4.00	10.64
R5/330	ASSUMED	W8/330	37.62	33.62	4.00	10.63
R5/330	ASSUMED	W9/330	37.63	33.69	3.94	10.47
R6/330	ASSUMED	W10/330	37.57	33.64	3.93	10.46
R7/330	ASSUMED	W11/330	37.56	33.77	3.79	10.09
R8/330	ASSUMED	W12/330	37.52	33.70	3.82	10.18
R8/330	ASSUMED	W13/330	37.49	33.87	3.62	9.66
R8/330	ASSUMED	W14/330	37.51	33.76	3.75	10.00
R9/330	ASSUMED	W15/330	37.45	33.79	3.66	9.77
R10/330	ASSUMED	W16/330	37.17	33.96	3.21	8.64
R11/330	ASSUMED	W17/330	37.09	33.85	3.24	8.74
R11/330	ASSUMED	W18/330	37.06	33.90	3.16	8.53
R11/330	ASSUMED	W19/330	37.05	33.81	3.24	8.74
R12/330	ASSUMED	W20/330	36.96	33.81	3.15	8.52
R13/330	ASSUMED	W21/330	36.87	33.77	3.10	8.41
R14/330	ASSUMED	W22/330	36.79	33.88	2.91	7.91
R14/330	ASSUMED	W23/330	36.75	33.86	2.89	7.86
R14/330	ASSUMED	W24/330	36.74	33.78	2.96	8.06
R15/330	ASSUMED	W25/330	36.67	33.83	2.84	7.74
R16/330	ASSUMED	W26/330	36.58	33.84	2.74	7.49
R17/330	ASSUMED	W27/330	36.50	33.77	2.73	7.48
R17/330	ASSUMED	W28/330	36.47	33.70	2.77	7.60
R17/330	ASSUMED	W29/330	36.46	33.74	2.72	7.46
R1/331	ASSUMED	W1/331	33.19	32.14	1.05	3.16

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R2/331	ASSUMED	W2/331	38.46	34.42	4.04	10.50
R2/331	ASSUMED	W3/331	38.46	34.47	3.99	10.37
R2/331	ASSUMED	W4/331	38.43	34.55	3.88	10.10
R3/331	ASSUMED	W5/331	38.44	34.60	3.84	9.99
R4/331	ASSUMED	W6/331	38.41	34.58	3.83	9.97
R5/331	ASSUMED	W7/331	38.38	34.69	3.69	9.61
R5/331	ASSUMED	W8/331	38.39	34.70	3.69	9.61
R5/331	ASSUMED	W9/331	38.40	34.77	3.63	9.45
R6/331	ASSUMED	W10/331	38.35	34.74	3.61	9.41
R7/331	ASSUMED	W11/331	38.32	34.87	3.45	9.00
R8/331	ASSUMED	W12/331	38.29	34.82	3.47	9.06
R8/331	ASSUMED	W13/331	38.26	34.98	3.28	8.57
R8/331	ASSUMED	W14/331	38.28	34.87	3.41	8.91
R9/331	ASSUMED	W15/331	38.22	34.91	3.31	8.66
R10/331	ASSUMED	W16/331	38.17	34.87	3.30	8.65
R11/331	ASSUMED	W17/331	38.13	35.04	3.09	8.10
R11/331	ASSUMED	W18/331	38.11	34.96	3.15	8.27
R11/331	ASSUMED	W19/331	38.08	35.00	3.08	8.09
R12/331	ASSUMED	W20/331	38.03	35.01	3.02	7.94
R13/331	ASSUMED	W21/331	37.97	35.09	2.88	7.58
R14/331	ASSUMED	W22/331	37.91	35.00	2.91	7.68
R14/331	ASSUMED	W23/331	37.87	35.05	2.82	7.45
R14/331	ASSUMED	W24/331	37.87	34.96	2.91	7.68
R15/331	ASSUMED	W25/331	37.78	34.97	2.81	7.44
R16/331	ASSUMED	W26/331	37.70	34.93	2.77	7.35
R17/331	ASSUMED	W27/331	37.63	35.03	2.60	6.91
R17/331	ASSUMED	W28/331	37.59	35.02	2.57	6.84
R17/331	ASSUMED	W29/331	37.58	34.94	2.64	7.03

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R18/331	ASSUMED	W30/331	37.53	34.99	2.54	6.77
R19/331	ASSUMED	W31/331	37.44	35.00	2.44	6.52
R20/331	ASSUMED	W32/331	37.37	34.94	2.43	6.50
R20/331	ASSUMED	W33/331	37.34	34.87	2.47	6.61
R20/331	ASSUMED	W34/331	37.33	34.91	2.42	6.48
R1/332	ASSUMED	W1/332	35.01	34.06	0.95	2.71
R2/332	ASSUMED	W2/332	38.86	35.35	3.51	9.03
R2/332	ASSUMED	W3/332	38.86	35.40	3.46	8.90
R2/332	ASSUMED	W4/332	38.84	35.47	3.37	8.68
R3/332	ASSUMED	W5/332	38.84	35.52	3.32	8.55
R4/332	ASSUMED	W6/332	38.82	35.50	3.32	8.55
R5/332	ASSUMED	W7/332	38.79	35.61	3.18	8.20
R5/332	ASSUMED	W8/332	38.80	35.61	3.19	8.22
R5/332	ASSUMED	W9/332	38.81	35.67	3.14	8.09
R6/332	ASSUMED	W10/332	38.77	35.67	3.10	8.00
R7/332	ASSUMED	W11/332	38.75	35.80	2.95	7.61
R8/332	ASSUMED	W12/332	38.71	35.76	2.95	7.62
R8/332	ASSUMED	W13/332	38.70	35.89	2.81	7.26
R8/332	ASSUMED	W14/332	38.71	35.80	2.91	7.52
R9/332	ASSUMED	W15/332	38.66	35.85	2.81	7.27
R10/332	ASSUMED	W16/332	38.63	35.83	2.80	7.25
R11/332	ASSUMED	W17/332	38.59	35.97	2.62	6.79
R11/332	ASSUMED	W18/332	38.57	35.90	2.67	6.92
R11/332	ASSUMED	W19/332	38.55	35.95	2.60	6.74
R12/332	ASSUMED	W20/332	38.52	35.95	2.57	6.67
R13/332	ASSUMED	W21/332	38.46	36.03	2.43	6.32
R14/332	ASSUMED	W22/332	38.42	35.97	2.45	6.38

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R14/332	ASSUMED	W23/332	38.39	36.01	2.38	6.20
R14/332	ASSUMED	W24/332	38.39	35.93	2.46	6.41
R15/332	ASSUMED	W25/332	38.31	35.95	2.36	6.16
R16/332	ASSUMED	W26/332	38.25	35.93	2.32	6.07
R17/332	ASSUMED	W27/332	38.20	36.03	2.17	5.68
R17/332	ASSUMED	W28/332	38.17	36.02	2.15	5.63
R17/332	ASSUMED	W29/332	38.16	35.95	2.21	5.79
R18/332	ASSUMED	W30/332	38.12	36.00	2.12	5.56
R19/332	ASSUMED	W31/332	38.05	36.04	2.01	5.28
R20/332	ASSUMED	W32/332	38.00	35.99	2.01	5.29
R20/332	ASSUMED	W33/332	37.97	35.93	2.04	5.37
R20/332	ASSUMED	W34/332	37.97	35.96	2.01	5.29
R1/333	ASSUMED	W1/333	36.70	35.86	0.84	2.29
R2/333	ASSUMED	W2/333	39.18	36.20	2.98	7.61
R2/333	ASSUMED	W3/333	39.19	36.24	2.95	7.53
R2/333	ASSUMED	W4/333	39.17	36.30	2.87	7.33
R3/333	ASSUMED	W5/333	39.17	36.35	2.82	7.20
R4/333	ASSUMED	W6/333	39.15	36.32	2.83	7.23
R5/333	ASSUMED	W7/333	39.12	36.41	2.71	6.93
R5/333	ASSUMED	W8/333	39.13	36.42	2.71	6.93
R5/333	ASSUMED	W9/333	39.13	36.46	2.67	6.82
R6/333	ASSUMED	W10/333	39.10	36.47	2.63	6.73
R7/333	ASSUMED	W11/333	39.09	36.61	2.48	6.34
R8/333	ASSUMED	W12/333	39.06	36.57	2.49	6.37
R8/333	ASSUMED	W13/333	39.05	36.67	2.38	6.09
R8/333	ASSUMED	W14/333	39.06	36.59	2.47	6.32
R9/333	ASSUMED	W15/333	39.03	36.64	2.39	6.12
R10/333	ASSUMED	W16/333	39.00	36.64	2.36	6.05

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R11/333	ASSUMED	W17/333	38.97	36.75	2.22	5.70
R11/333	ASSUMED	W18/333	38.96	36.71	2.25	5.78
R11/333	ASSUMED	W19/333	38.95	36.76	2.19	5.62
R12/333	ASSUMED	W20/333	38.92	36.75	2.17	5.58
R13/333	ASSUMED	W21/333	38.88	36.82	2.06	5.30
R14/333	ASSUMED	W22/333	38.85	36.80	2.05	5.28
R14/333	ASSUMED	W23/333	38.83	36.82	2.01	5.18
R14/333	ASSUMED	W24/333	38.84	36.77	2.07	5.33
R15/333	ASSUMED	W25/333	38.78	36.80	1.98	5.11
R16/333	ASSUMED	W26/333	38.74	36.80	1.94	5.01
R17/333	ASSUMED	W27/333	38.71	36.90	1.81	4.68
R17/333	ASSUMED	W28/333	38.69	36.89	1.80	4.65
R17/333	ASSUMED	W29/333	38.68	36.83	1.85	4.78
R18/333	ASSUMED	W30/333	38.65	36.89	1.76	4.55
R19/333	ASSUMED	W31/333	38.59	36.93	1.66	4.30
R20/333	ASSUMED	W32/333	38.56	36.91	1.65	4.28
R20/333	ASSUMED	W33/333	38.54	36.85	1.69	4.39
R20/333	ASSUMED	W34/333	38.54	36.89	1.65	4.28
R1/334	ASSUMED	W1/334	37.83	37.05	0.78	2.06
R2/334	ASSUMED	W2/334	39.34	36.79	2.55	6.48
R2/334	ASSUMED	W3/334	39.34	36.83	2.51	6.38
R2/334	ASSUMED	W4/334	39.33	36.88	2.45	6.23
R3/334	ASSUMED	W5/334	39.33	36.92	2.41	6.13
R4/334	ASSUMED	W6/334	39.32	36.89	2.43	6.18
R5/334	ASSUMED	W7/334	39.30	36.98	2.32	5.90
R5/334	ASSUMED	W8/334	39.31	36.99	2.32	5.90
R5/334	ASSUMED	W9/334	39.31	37.01	2.30	5.85
R6/334	ASSUMED	W10/334	39.29	37.03	2.26	5.75

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R7/334	ASSUMED	W11/334	39.28	37.16	2.12	5.40
R8/334	ASSUMED	W12/334	39.26	37.12	2.14	5.45
R8/334	ASSUMED	W13/334	39.26	37.22	2.04	5.20
R8/334	ASSUMED	W14/334	39.26	37.14	2.12	5.40
R9/334	ASSUMED	W15/334	39.25	37.20	2.05	5.22
R10/334	ASSUMED	W16/334	39.23	37.22	2.01	5.12
R11/334	ASSUMED	W17/334	39.22	37.32	1.90	4.84
R11/334	ASSUMED	W18/334	39.22	37.29	1.93	4.92
R11/334	ASSUMED	W19/334	39.21	37.34	1.87	4.77
R12/334	ASSUMED	W20/334	39.20	37.33	1.87	4.77
R13/334	ASSUMED	W21/334	39.17	37.41	1.76	4.49
R14/334	ASSUMED	W22/334	39.15	37.41	1.74	4.44
R14/334	ASSUMED	W23/334	39.15	37.43	1.72	4.39
R14/334	ASSUMED	W24/334	39.15	37.39	1.76	4.50
R15/334	ASSUMED	W25/334	39.12	37.43	1.69	4.32
R16/334	ASSUMED	W26/334	39.10	37.46	1.64	4.19
R17/334	ASSUMED	W27/334	39.08	37.55	1.53	3.92
R17/334	ASSUMED	W28/334	39.08	37.55	1.53	3.92
R17/334	ASSUMED	W29/334	39.07	37.50	1.57	4.02
R18/334	ASSUMED	W30/334	39.05	37.56	1.49	3.82
R19/334	ASSUMED	W31/334	39.01	37.62	1.39	3.56
R20/334	ASSUMED	W32/334	38.99	37.62	1.37	3.51
R20/334	ASSUMED	W33/334	38.98	37.57	1.41	3.62
R20/334	ASSUMED	W34/334	38.99	37.62	1.37	3.51
1 to 8 Monica Shaw Court						
R1/270	ASSUMED	W1/270	35.39	30.94	4.45	12.57
R1/270	ASSUMED	W2/270	32.73	29.06	3.67	11.21
R1/270	ASSUMED	W3/270	35.71	31.09	4.62	12.94

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R2/270	ASSUMED	W4/270	35.59	31.17	4.42	12.42
R3/270	ASSUMED	W5/270	35.59	31.01	4.58	12.87
R4/270	ASSUMED	W6/270	33.46	29.67	3.79	11.33
R4/270	ASSUMED	W7/270	35.74	31.16	4.58	12.81
R4/270	ASSUMED	W8/270	35.51	31.03	4.48	12.62
R5/270	ASSUMED	W9/270	34.82	30.33	4.49	12.89
R5/270	ASSUMED	W10/270	32.75	28.63	4.12	12.58
R5/270	ASSUMED	W11/270	34.01	29.40	4.61	13.55
R6/270	ASSUMED	W12/270	29.21	25.13	4.08	13.97
R7/270	ASSUMED	W13/270	35.34	30.50	4.84	13.70
R8/270	ASSUMED	W14/270	32.29	28.53	3.76	11.64
R8/270	ASSUMED	W15/270	35.11	30.25	4.86	13.84
R8/270	ASSUMED	W16/270	34.53	29.61	4.92	14.25
R1/271	ASSUMED	W1/271	36.40	31.98	4.42	12.14
R2/271	ASSUMED	W2/271	36.47	32.22	4.25	11.65
R3/271	ASSUMED	W3/271	36.50	32.11	4.39	12.03
R4/271	ASSUMED	W4/271	36.48	32.21	4.27	11.71
R5/271	ASSUMED	W5/271	24.68	20.41	4.27	17.30
R6/271	ASSUMED	W6/271	11.81	9.01	2.80	23.71
R7/271	ASSUMED	W7/271	36.40	31.99	4.41	12.12
R8/271	ASSUMED	W8/271	35.87	31.53	4.34	12.10
R1/272	ASSUMED	W1/272	37.06	32.97	4.09	11.04
R2/272	ASSUMED	W2/272	37.13	33.04	4.09	11.02
R3/272	ASSUMED	W3/272	37.20	33.20	4.00	10.75
R4/272	ASSUMED	W4/272	37.18	33.32	3.86	10.38

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R5/272	ASSUMED	W5/272	36.57	32.58	3.99	10.91
R6/272	ASSUMED	W6/272	36.70	32.79	3.91	10.65
R7/272	ASSUMED	W7/272	37.33	33.62	3.71	9.94
R8/272	ASSUMED	W8/272	37.13	33.38	3.75	10.10
R1/273	ASSUMED	W1/273	37.63	33.91	3.72	9.89
R2/273	ASSUMED	W2/273	37.70	34.01	3.69	9.79
R3/273	ASSUMED	W3/273	37.80	34.23	3.57	9.44
R4/273	ASSUMED	W4/273	37.84	34.44	3.40	8.99
R5/273	ASSUMED	W5/273	37.23	33.67	3.56	9.56
R6/273	ASSUMED	W6/273	37.30	33.88	3.42	9.17
R7/273	ASSUMED	W7/273	38.18	35.03	3.15	8.25
R8/273	ASSUMED	W8/273	38.23	35.07	3.16	8.27
9 to 29 Monica Shaw Court						
R1/300	ASSUMED	W1/300	32.88	28.98	3.90	11.86
R1/300	ASSUMED	W2/300	27.06	26.68	0.38	1.40
R1/300	ASSUMED	W3/300	35.40	30.41	4.99	14.10
R2/300	ASSUMED	W4/300	34.70	30.35	4.35	12.54
R3/300	ASSUMED	W5/300	34.94	30.66	4.28	12.25
R4/300	ASSUMED	W6/300	28.07	27.46	0.61	2.17
R4/300	ASSUMED	W7/300	36.10	31.40	4.70	13.02
R4/300	ASSUMED	W8/300	34.63	30.63	4.00	11.55
R5/300	ASSUMED	W9/300	32.59	29.38	3.21	9.85
R5/300	ASSUMED	W10/300	24.36	24.13	0.23	0.94
R5/300	ASSUMED	W11/300	32.17	29.10	3.07	9.54
R6/300	ASSUMED	W12/300	23.57	21.37	2.20	9.33

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R1/301	ASSUMED	W1/301	36.62	32.35	4.27	11.66
R2/301	ASSUMED	W2/301	37.28	33.01	4.27	11.45
R3/301	ASSUMED	W3/301	37.53	33.39	4.14	11.03
R4/301	ASSUMED	W4/301	37.60	33.75	3.85	10.24
R5/301	ASSUMED	W5/301	34.81	31.47	3.34	9.59
R6/301	ASSUMED	W6/301	23.25	21.21	2.04	8.77
R2/302	ASSUMED	W2/302	37.87	34.93	2.94	7.76
R3/302	ASSUMED	W3/302	38.32	35.31	3.01	7.85
R4/302	ASSUMED	W4/302	38.56	35.64	2.92	7.57
R5/302	ASSUMED	W5/302	38.61	35.80	2.81	7.28
R6/302	ASSUMED	W6/302	38.65	35.87	2.78	7.19
R7/302	ASSUMED	W7/302	38.68	36.01	2.67	6.90
R8/302	ASSUMED	W8/302	38.73	36.16	2.57	6.64
R9/302	ASSUMED	W9/302	38.74	36.14	2.60	6.71
R10/302	ASSUMED	W10/302	38.76	36.12	2.64	6.81
R11/302	ASSUMED	W11/302	38.76	36.12	2.64	6.81
R12/302	ASSUMED	W12/302	38.77	36.02	2.75	7.09
R13/302	ASSUMED	W13/302	38.78	35.89	2.89	7.45
R14/302	ASSUMED	W14/302	38.80	35.85	2.95	7.60
R15/302	ASSUMED	W15/302	38.80	35.76	3.04	7.84
R16/302	ASSUMED	W16/302	38.79	35.57	3.22	8.30
R17/302	ASSUMED	W17/302	38.78	35.41	3.37	8.69

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R18/302	ASSUMED	W18/302	38.77	35.19	3.58	9.23
R19/302	ASSUMED	W19/302	38.74	35.09	3.65	9.42
R2/303	ASSUMED	W2/303	38.88	37.15	1.73	4.45
R3/303	ASSUMED	W3/303	39.02	37.22	1.80	4.61
R4/303	ASSUMED	W4/303	39.08	37.27	1.81	4.63
R5/303	ASSUMED	W5/303	39.09	37.30	1.79	4.58
R6/303	ASSUMED	W6/303	39.13	37.27	1.86	4.75
R7/303	ASSUMED	W7/303	39.13	37.28	1.85	4.73
R8/303	ASSUMED	W8/303	39.12	37.21	1.91	4.88
R9/303	ASSUMED	W9/303	39.12	37.14	1.98	5.06
R10/303	ASSUMED	W10/303	39.13	37.07	2.06	5.26
R11/303	ASSUMED	W11/303	39.12	37.03	2.09	5.34
R12/303	ASSUMED	W12/303	39.12	36.90	2.22	5.67
R13/303	ASSUMED	W13/303	39.13	36.76	2.37	6.06
R14/303	ASSUMED	W14/303	39.13	36.68	2.45	6.26
R15/303	ASSUMED	W15/303	39.13	36.58	2.55	6.52
R16/303	ASSUMED	W16/303	39.11	36.39	2.72	6.95
R17/303	ASSUMED	W17/303	39.11	36.23	2.88	7.36
R18/303	ASSUMED	W18/303	39.09	36.02	3.07	7.85
R19/303	ASSUMED	W19/303	39.08	35.94	3.14	8.03
R2/304	ASSUMED	W2/304	39.43	38.32	1.11	2.82
R3/304	ASSUMED	W3/304	39.42	38.30	1.12	2.84

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R4/304	ASSUMED	W4/304	39.41	38.27	1.14	2.89
R5/304	ASSUMED	W5/304	39.40	38.23	1.17	2.97
R6/304	ASSUMED	W6/304	39.41	38.24	1.17	2.97
R7/304	ASSUMED	W7/304	39.42	38.21	1.21	3.07
R8/304	ASSUMED	W8/304	39.41	38.10	1.31	3.32
R9/304	ASSUMED	W9/304	39.41	38.02	1.39	3.53
R10/304	ASSUMED	W10/304	39.41	37.90	1.51	3.83
R11/304	ASSUMED	W11/304	39.40	37.78	1.62	4.11
R12/304	ASSUMED	W12/304	39.40	37.70	1.70	4.31
R13/304	ASSUMED	W13/304	39.40	37.58	1.82	4.62
R14/304	ASSUMED	W14/304	39.39	37.47	1.92	4.87
R15/304	ASSUMED	W15/304	39.39	37.36	2.03	5.15
R16/304	ASSUMED	W16/304	39.38	37.19	2.19	5.56
R17/304	ASSUMED	W17/304	39.38	37.08	2.30	5.84
R18/304	ASSUMED	W18/304	39.36	36.89	2.47	6.28
R19/304	ASSUMED	W19/304	39.34	36.74	2.60	6.61
R2/305	ASSUMED	W1/305	39.54	38.75	0.79	2.00
R3/305	ASSUMED	W2/305	39.54	38.72	0.82	2.07
R4/305	ASSUMED	W3/305	39.53	38.68	0.85	2.15
R5/305	ASSUMED	W4/305	39.53	38.66	0.87	2.20
R6/305	ASSUMED	W5/305	39.54	38.64	0.90	2.28
R7/305	ASSUMED	W6/305	39.54	38.62	0.92	2.33

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R8/305	ASSUMED	W7/305	39.53	38.49	1.04	2.63
R9/305	ASSUMED	W8/305	39.52	38.39	1.13	2.86
R10/305	ASSUMED	W9/305	39.52	38.27	1.25	3.16
R11/305	ASSUMED	W10/305	39.51	38.19	1.32	3.34
R12/305	ASSUMED	W11/305	39.51	38.11	1.40	3.54
R13/305	ASSUMED	W12/305	39.51	38.05	1.46	3.70
R14/305	ASSUMED	W13/305	39.50	37.82	1.68	4.25
R15/305	ASSUMED	W14/305	39.50	37.80	1.70	4.30
R16/305	ASSUMED	W15/305	39.49	37.65	1.84	4.66
R17/305	ASSUMED	W16/305	39.49	37.58	1.91	4.84
R18/305	ASSUMED	W17/305	39.48	37.36	2.12	5.37
R19/305	ASSUMED	W18/305	39.48	37.27	2.21	5.60
40 to 42 Purchase Street						
R1/290	ASSUMED	W1/290	35.84	29.85	5.99	16.71
R1/290	ASSUMED	W2/290	30.11	24.66	5.45	18.10
R1/290	ASSUMED	W3/290	30.40	25.28	5.12	16.84
R2/290	ASSUMED	W4/290	36.40	30.09	6.31	17.34
R3/290	ASSUMED	W5/290	36.47	29.75	6.72	18.43
R3/290	ASSUMED	W6/290	37.16	30.75	6.41	17.25
R4/290	ASSUMED	W7/290	37.00	30.72	6.28	16.97
R1/291	ASSUMED	W1/291	35.73	30.44	5.29	14.81
R2/291	ASSUMED	W2/291	37.14	31.71	5.43	14.62
R3/291	ASSUMED	W3/291	37.20	31.43	5.77	15.51
R3/291	ASSUMED	W4/291	38.37	33.38	4.99	13.00

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R4/291	ASSUMED	W5/291	38.36	33.45	4.91	12.80
R1/292	ASSUMED	W1/292	36.52	32.13	4.39	12.02
R2/292	ASSUMED	W2/292	37.75	33.25	4.50	11.92
R3/292	ASSUMED	W3/292	37.81	33.04	4.77	12.62
R3/292	ASSUMED	W4/292	38.89	35.85	3.04	7.82
R4/292	ASSUMED	W5/292	38.87	36.00	2.87	7.38
Phoenix Court						
R1/252	BEDROOM	W1/252	26.61	22.11	4.50	16.91
R2/252	KITCHEN	W2/252	20.94	16.42	4.52	21.59
R5/252	KITCHEN	W5/252	2.85	1.39	1.46	51.23
R6/252	BEDROOM	W6/252	1.14	0.50	0.64	56.14
R7/252	BEDROOM	W7/252	2.86	2.01	0.85	29.72
R8/252	KITCHEN	W8/252	4.32	2.67	1.65	38.19
R11/252	KITCHEN	W11/252	4.97	3.28	1.69	34.00
R12/252	BEDROOM	W12/252	3.33	1.91	1.42	42.64
R14/252	KITCHEN	W14/252	3.50	2.37	1.13	32.29
R15/252	BEDROOM	W15/252	1.71	0.91	0.80	46.78
R16/252	BEDROOM	W16/252	2.86	2.29	0.57	19.93
R17/252	KITCHEN	W17/252	4.40	3.48	0.92	20.91
R20/252	KITCHEN	W20/252	28.50	25.71	2.79	9.79
R21/252	BEDROOM	W21/252	33.33	29.44	3.89	11.67
R1/253	BEDROOM	W1/253	27.66	23.22	4.44	16.05

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R2/253	KITCHEN	W2/253	21.82	17.34	4.48	20.53
R5/253	KITCHEN	W5/253	3.07	1.53	1.54	50.16
R6/253	BEDROOM	W6/253	1.24	0.57	0.67	54.03
R7/253	BEDROOM	W7/253	3.12	2.31	0.81	25.96
R8/253	KITCHEN	W8/253	4.03	2.57	1.46	36.23
R11/253	KITCHEN	W11/253	5.34	3.72	1.62	30.34
R12/253	BEDROOM	W12/253	2.41	1.23	1.18	48.96
R13/253	BEDROOM	W13/253	3.83	2.97	0.86	22.45
R14/253	KITCHEN	W14/253	4.13	2.82	1.31	31.72
R17/253	KITCHEN	W17/253	3.81	2.60	1.21	31.76
R18/253	BEDROOM	W18/253	1.90	1.04	0.86	45.26
R19/253	BEDROOM	W19/253	3.12	2.74	0.38	12.18
R20/253	KITCHEN	W20/253	3.84	3.38	0.46	11.98
R23/253	KITCHEN	W23/253	28.83	26.68	2.15	7.46
R24/253	BEDROOM	W24/253	35.04	31.31	3.73	10.64
R1/254	BEDROOM	W1/254	28.89	24.59	4.30	14.88
R2/254	KITCHEN	W2/254	22.61	18.26	4.35	19.24
R5/254	KITCHEN	W5/254	3.27	1.67	1.60	48.93
R6/254	BEDROOM	W6/254	1.44	0.67	0.77	53.47
R7/254	BEDROOM	W7/254	3.32	2.51	0.81	24.40
R8/254	KITCHEN	W8/254	4.22	2.71	1.51	35.78
R11/254	KITCHEN	W11/254	5.62	4.05	1.57	27.94

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R12/254	BEDROOM	W12/254	2.64	1.41	1.23	46.59
R13/254	BEDROOM	W13/254	4.00	3.20	0.80	20.00
R14/254	KITCHEN	W14/254	4.31	2.92	1.39	32.25
R17/254	KITCHEN	W17/254	4.04	2.74	1.30	32.18
R18/254	BEDROOM	W18/254	2.06	1.11	0.95	46.12
R19/254	BEDROOM	W19/254	3.26	3.07	0.19	5.83
R20/254	KITCHEN	W20/254	4.06	3.58	0.48	11.82
R23/254	KITCHEN	W23/254	29.39	27.33	2.06	7.01
R24/254	BEDROOM	W24/254	36.00	32.48	3.52	9.78
R1/255	BEDROOM	W1/255	30.74	26.59	4.15	13.50
R2/255	KITCHEN	W2/255	24.49	20.27	4.22	17.23
R5/255	KITCHEN	W5/255	3.23	1.68	1.55	47.99
R6/255	BEDROOM	W6/255	1.43	0.71	0.72	50.35
R7/255	BEDROOM	W7/255	3.18	2.44	0.74	23.27
R8/255	KITCHEN	W8/255	4.10	2.65	1.45	35.37
R11/255	KITCHEN	W11/255	5.48	4.01	1.47	26.82
R12/255	BEDROOM	W12/255	2.57	1.39	1.18	45.91
R13/255	BEDROOM	W13/255	3.76	3.08	0.68	18.09
R14/255	KITCHEN	W14/255	4.28	2.94	1.34	31.31
R17/255	KITCHEN	W17/255	3.92	2.65	1.27	32.40
R18/255	BEDROOM	W18/255	2.01	1.08	0.93	46.27
R19/255	BEDROOM	W19/255	3.12	3.03	0.09	2.88

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R20/255	KITCHEN	W20/255	3.91	3.45	0.46	11.76
R23/255	KITCHEN	W23/255	30.39	28.45	1.94	6.38
R24/255	BEDROOM	W24/255	37.19	33.87	3.32	8.93
R1/256	BEDROOM	W1/256	32.81	28.89	3.92	11.95
R1/256	BEDROOM	W2/256	32.95	29.01	3.94	11.96
R4/256	BEDROOM	W5/256	31.25	27.45	3.80	12.16
R4/256	BEDROOM	W6/256	27.66	24.10	3.56	12.87
R5/256	BEDROOM	W7/256	31.96	28.34	3.62	11.33
R5/256	BEDROOM	W8/256	35.50	31.75	3.75	10.56
R8/256	BEDROOM	W11/256	36.06	32.48	3.58	9.93
R8/256	BEDROOM	W12/256	36.10	32.37	3.73	10.33
R9/256	BEDROOM	W13/256	36.23	32.42	3.81	10.52
R9/256	BEDROOM	W14/256	36.16	32.39	3.77	10.43
R12/256	BEDROOM	W17/256	33.72	30.14	3.58	10.62
R12/256	BEDROOM	W18/256	30.16	26.62	3.54	11.74
R13/256	BEDROOM	W19/256	31.89	30.10	1.79	5.61
R13/256	BEDROOM	W20/256	35.97	33.22	2.75	7.65
R16/256	BEDROOM	W23/256	37.73	34.67	3.06	8.11
R16/256	BEDROOM	W24/256	37.80	34.78	3.02	7.99

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
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1 to 5 Coopers Lane

R1/10	ASSUMED	77.9	76.7	76.5	0.2	0.3
R2/10	ASSUMED	148.7	147.0	142.6	4.4	3.0
R3/10	ASSUMED	81.3	80.0	79.6	0.4	0.5
R4/10	ASSUMED	149.6	147.9	142.3	5.6	3.8
R5/10	ASSUMED	81.3	80.0	79.2	0.9	1.1
R6/10	ASSUMED	143.7	142.1	133.9	8.2	5.8
R7/10	ASSUMED	240.2	231.4	214.1	17.3	7.5
R1/11	ASSUMED	131.5	127.8	124.6	3.2	2.5
R2/11	ASSUMED	77.2	73.7	73.6	0.1	0.1
R3/11	ASSUMED	131.1	127.2	122.0	5.2	4.1
R4/11	ASSUMED	77.2	74.4	74.1	0.3	0.4
R5/11	ASSUMED	133.6	129.5	120.7	8.8	6.8
R6/11	ASSUMED	69.5	67.0	66.7	0.3	0.4

2 to 12 Coopers Lane

R1/50	ASSUMED	131.6	128.8	126.5	2.3	1.8
R2/50	ASSUMED	115.4	113.6	113.6	0.0	0.0
R3/50	ASSUMED	99.6	98.8	98.8	0.0	0.0
R5/50	ASSUMED_BAT	40.6	38.9	38.5	0.4	1.0
R6/50	ASSUMED	147.0	145.1	145.0	0.0	0.0
R7/50	ASSUMED	124.5	122.4	122.4	0.0	0.0
R8/50	ASSUMED_BAT	57.6	53.8	53.4	0.4	0.7
R1/51	ASSUMED	147.6	146.7	146.6	0.1	0.1
R2/51	ASSUMED_BAT	39.5	34.5	34.2	0.3	0.9
R3/51	ASSUMED_BAT	38.7	33.2	33.2	0.0	0.0
R4/51	ASSUMED	150.0	148.2	148.1	0.1	0.1
R5/51	ASSUMED	159.0	156.3	156.3	0.0	0.0
R6/51	ASSUMED_BAT	37.5	32.4	32.4	0.0	0.0
R1/52	ASSUMED	176.0	171.9	171.9	0.0	0.0
R2/52	ASSUMED	177.0	172.9	172.9	0.0	0.0
R3/52	ASSUMED	182.6	177.9	177.9	0.0	0.0
R1/53	ASSUMED	51.3	48.4	48.4	0.0	0.0
R2/53	ASSUMED	78.5	77.3	77.3	0.0	0.0
R3/53	ASSUMED	74.9	71.7	70.0	1.7	2.4
R4/53	ASSUMED	56.6	53.4	52.7	0.7	1.3
R5/53	ASSUMED	56.6	53.0	53.0	0.0	0.0
R6/53	ASSUMED	79.2	79.0	79.0	0.0	0.0

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
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7 to 11 Coopers Lane

R1/20	ASSUMED_DIN	87.8	85.9	80.2	5.7	6.6
R2/20	ASSUMED_LIV	138.7	134.3	132.6	1.7	1.3
R3/20	ASSUMED_DIN	89.6	87.5	87.4	0.1	0.1
R4/20	ASSUMED_LIV	140.4	136.1	134.1	2.0	1.5
R5/20	ASSUMED_DIN	87.8	85.9	85.4	0.4	0.5
R6/20	ASSUMED_LIV	142.7	138.7	136.7	2.0	1.4
R1/21	ASSUMED_BED	105.0	99.7	98.3	1.5	1.5
R2/21	ASSUMED_BED	65.5	64.0	62.9	1.1	1.7
R3/21	ASSUMED_BED	65.3	63.7	63.6	0.1	0.2
R4/21	ASSUMED_BAT	58.5	54.5	54.5	0.0	0.0
R5/21	ASSUMED_BED	68.2	66.5	64.5	2.0	3.0
R6/21	ASSUMED_BED	65.8	64.1	64.0	0.1	0.2
R7/21	ASSUMED_BAT	58.5	54.5	54.4	0.1	0.2
R8/21	ASSUMED_BED	67.9	66.2	63.4	2.8	4.2
R9/21	ASSUMED_BED	65.8	64.1	64.0	0.1	0.2
R10/21	ASSUMED_BAT	55.7	52.1	52.0	0.1	0.2

13 to 19 Coopers Lane

R14/30	ASSUMED	196.4	195.3	77.0	118.4	60.6
R15/30	ASSUMED	106.4	105.6	51.3	54.4	51.5
R16/30	ASSUMED	105.2	104.5	61.2	43.3	41.4
R17/30	ASSUMED	201.4	200.3	152.7	47.6	23.8
R19/31	ASSUMED	97.1	96.2	70.4	25.8	26.8
R20/31	ASSUMED	69.5	67.3	65.9	1.4	2.1
R21/31	ASSUMED	59.8	57.4	56.6	0.7	1.2
R22/31	ASSUMED	59.9	57.3	55.3	2.0	3.5
R23/31	ASSUMED	67.9	66.1	64.2	1.9	2.9
R24/31	ASSUMED	101.8	100.9	86.5	14.4	14.3
R13/32	DINING	164.6	164.4	128.5	35.9	21.8
R14/32	BEDROOM	132.2	130.5	127.9	2.6	2.0
R15/32	BEDROOM	132.2	130.5	128.7	1.8	1.4
R16/32	DINING	167.7	167.6	164.8	2.8	1.7

21 to 27 Coopers Lane

R10/30	ASSUMED	200.5	199.4	88.8	110.6	55.5
R11/30	ASSUMED	106.8	100.9	41.4	59.6	59.1
R12/30	ASSUMED	104.8	104.0	48.5	55.5	53.4
R13/30	ASSUMED	198.6	197.5	76.3	121.2	61.4
R13/31	ASSUMED	102.4	101.4	61.8	39.6	39.1
R14/31	ASSUMED	68.5	66.7	47.2	19.4	29.1
R15/31	ASSUMED	59.5	57.1	37.1	19.9	34.9

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R16/31	ASSUMED	60.9	58.4	37.4	20.9	35.8
R17/31	ASSUMED	67.5	65.7	47.2	18.5	28.2
R18/31	ASSUMED	98.4	97.5	65.3	32.2	33.0
R9/32	DINING	168.9	168.8	130.3	38.5	22.8
R10/32	BEDROOM	132.1	130.2	104.6	25.7	19.7
R11/32	BEDROOM	134.1	132.3	110.2	22.1	16.7
R12/32	DINING	162.9	162.7	128.6	34.0	20.9

29 to 35 Coopers Lane

R6/30	ASSUMED	196.2	195.1	165.7	29.4	15.1
R7/30	ASSUMED	106.8	106.0	101.7	4.3	4.1
R8/30	ASSUMED	104.8	104.0	104.0	0.1	0.1
R9/30	ASSUMED	202.8	201.6	162.7	38.9	19.3
R7/31	ASSUMED	97.5	96.6	80.2	16.4	17.0
R8/31	ASSUMED	69.0	66.8	64.6	2.3	3.4
R9/31	ASSUMED	60.1	57.6	53.5	4.2	7.3
R10/31	ASSUMED	59.5	57.1	50.1	7.0	12.3
R11/31	ASSUMED	67.5	65.7	58.2	7.4	11.3
R12/31	ASSUMED	103.6	102.7	86.3	16.4	16.0
R5/32	DINING	163.9	163.7	133.6	30.1	18.4
R6/32	BEDROOM	133.0	131.2	124.0	7.2	5.5
R7/32	BEDROOM	130.9	129.3	126.0	3.3	2.6
R8/32	DINING	170.1	169.9	132.1	37.8	22.2

37 to 43 Coopers Lane

R1/30	ASSUMED	180.0	172.0	112.0	60.0	34.9
R2/30	ASSUMED	200.3	199.2	140.8	58.3	29.3
R3/30	ASSUMED	106.8	106.0	80.1	25.9	24.4
R4/30	ASSUMED	104.8	104.0	83.8	20.2	19.4
R5/30	ASSUMED	198.0	196.9	162.7	34.3	17.4
R1/31	ASSUMED	101.7	100.8	87.6	13.2	13.1
R2/31	ASSUMED	67.7	65.9	55.8	10.0	15.2
R3/31	ASSUMED	60.7	58.2	45.1	13.0	22.3
R4/31	ASSUMED	59.7	57.3	46.9	10.4	18.2
R5/31	ASSUMED	67.5	65.7	57.1	8.6	13.1
R6/31	ASSUMED	99.5	98.6	79.3	19.3	19.6
R1/32	DINING	168.1	168.1	155.2	12.9	7.7
R2/32	BEDROOM	133.7	131.9	120.8	11.1	8.4
R3/32	BEDROOM	129.2	127.6	116.3	11.3	8.9
R4/32	DINING	168.5	167.7	165.1	2.6	1.6

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
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38 to 48 Coopers Lane

R1/60	ASSUMED_BAT 37.8		36.6	36.1	0.5	1.4
R2/60	ASSUMED_BED 149.4		146.9	143.0	3.9	2.7
R3/60	ASSUMED_BED 150.3		147.8	147.4	0.4	0.3
R4/60	ASSUMED_BAT 38.2		37.0	36.2	0.8	2.2
R6/60	ASSUMED_BAT 38.2		37.2	37.2	0.0	0.0
R7/60	ASSUMED_BED 134.1		132.6	132.6	0.0	0.0
R8/60	ASSUMED_BED 153.1		150.5	150.5	0.0	0.0
R9/60	ASSUMED_BAT 38.2		37.2	37.2	0.0	0.0
R11/60	ASSUMED_BAT 38.2		37.0	37.0	0.0	0.0
R12/60	ASSUMED_BED 142.5		140.5	140.5	0.0	0.0
R13/60	ASSUMED_BED 142.5		140.4	140.4	0.0	0.0
R14/60	ASSUMED_BAT 38.2		37.2	37.2	0.0	0.0
R1/61	ASSUMED_BAT 37.8		34.5	33.6	0.9	2.6
R2/61	ASSUMED_BED 149.4		147.2	144.1	3.1	2.1
R3/61	ASSUMED_BED 150.3		148.6	148.3	0.3	0.2
R4/61	ASSUMED_BAT 38.4		33.9	33.9	0.0	0.0
R5/61	ASSUMED_BAT 38.4		35.0	35.0	0.0	0.0
R6/61	ASSUMED_BAT 38.3		35.0	35.0	0.0	0.0
R7/61	ASSUMED_BED 134.1		132.4	132.4	0.0	0.0
R8/61	ASSUMED_BED 153.1		151.6	151.6	0.0	0.0
R9/61	ASSUMED_BAT 38.3		35.2	35.2	0.0	0.0
R10/61	ASSUMED_BAT 38.2		34.9	34.9	0.0	0.0
R12/61	ASSUMED_BED 142.5		140.9	140.9	0.0	0.0
R13/61	ASSUMED_BED 142.5		141.4	141.4	0.0	0.0
R1/62	ASSUMED	177.6	173.6	171.7	1.8	1.0
R2/62	ASSUMED	178.9	174.7	174.7	0.0	0.0
R3/62	ASSUMED	165.7	162.0	162.0	0.0	0.0
R4/62	ASSUMED	181.2	176.8	176.8	0.0	0.0
R5/62	ASSUMED	172.5	168.7	168.7	0.0	0.0
R6/62	ASSUMED	172.5	168.7	168.7	0.0	0.0
R1/63	ASSUMED	62.1	62.1	62.0	0.0	0.0
R2/63	ASSUMED	67.0	64.2	60.7	3.4	5.3
R3/63	ASSUMED	68.7	65.7	64.8	0.9	1.4
R4/63	ASSUMED	63.0	62.9	62.9	0.0	0.0
R5/63	ASSUMED	62.8	62.7	62.7	0.0	0.0
R6/63	ASSUMED	59.3	57.4	57.1	0.3	0.5
R7/63	ASSUMED	71.4	68.1	68.1	0.0	0.0
R8/63	ASSUMED	63.2	63.1	63.1	0.0	0.0
R9/63	ASSUMED	61.9	61.9	61.9	0.0	0.0
R10/63	ASSUMED	65.1	62.5	62.4	0.1	0.2
R11/63	ASSUMED	65.6	62.9	62.9	0.0	0.0
R12/63	ASSUMED	62.8	62.8	62.8	0.0	0.0

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
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47 to 53 Coopers Lane

R1/70	LIVINGROOM	197.6	196.5	194.8	1.8	0.9
R3/70	WC	19.2	18.4	18.4	0.0	0.0
R4/70	LIVINGROOM	197.6	193.8	193.8	0.0	0.0
R6/70	WC	19.7	18.9	18.9	0.0	0.0
R1/71	BEDROOM	113.9	112.1	112.1	0.0	0.0
R2/71	BEDROOM	67.5	65.8	65.8	0.0	0.0
R3/71	BATHROOM	44.7	43.0	43.0	0.0	0.0
R4/71	BATHROOM	44.5	42.9	42.9	0.0	0.0
R5/71	BEDROOM	67.5	65.9	65.9	0.0	0.0
R6/71	BEDROOM	112.7	111.1	111.1	0.0	0.0
R1/72	ASSUMED	166.9	166.9	166.8	0.0	0.0
R2/72	ASSUMED	132.2	129.8	129.8	0.0	0.0
R3/72	ASSUMED	132.0	129.6	129.6	0.0	0.0
R4/72	ASSUMED	165.6	165.4	165.4	0.0	0.0

55 to 61 Coopers Lane

R5/70	LIVINGROOM	197.6	190.2	190.2	0.0	0.0
R8/70	LIVINGROOM	197.6	146.5	146.5	0.0	0.0
R10/70	WC	17.9	17.2	17.2	0.0	0.0
R11/70	WC	18.4	17.7	17.7	0.0	0.0
R7/71	BEDROOM	113.7	112.0	112.0	0.0	0.0
R8/71	BEDROOM	67.5	65.8	65.8	0.0	0.0
R9/71	BATHROOM	45.7	44.0	44.0	0.0	0.0
R10/71	BATHROOM	43.5	41.9	41.9	0.0	0.0
R11/71	BEDROOM	67.5	65.8	65.8	0.0	0.0
R12/71	BEDROOM	109.4	107.8	107.8	0.0	0.0
R5/72	ASSUMED	168.4	168.2	168.2	0.0	0.0
R6/72	ASSUMED	132.2	129.7	129.7	0.0	0.0
R7/72	ASSUMED	132.0	129.6	129.6	0.0	0.0
R8/72	ASSUMED	160.2	156.0	156.0	0.0	0.0

3 - 5 Hampden Close

R1/101	ASSUMED	150.2	148.9	148.4	0.5	0.3
R2/101	ASSUMED	108.7	106.5	106.5	0.0	0.0
R3/101	ASSUMED	123.0	121.0	121.0	0.0	0.0
R1/102	ASSUMED	150.2	148.9	148.9	0.0	0.0
R2/102	ASSUMED	108.7	106.6	106.6	0.0	0.0
R3/102	ASSUMED	123.0	121.0	121.0	0.0	0.0
R1/103	ASSUMED	150.2	148.9	148.9	0.0	0.0
R2/103	ASSUMED	108.7	105.4	105.4	0.0	0.0
R3/103	ASSUMED	123.0	121.0	121.0	0.0	0.0

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
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8 Hampden Close

R1/40	ASSUMED	247.9	230.7	230.7	0.0	0.0
R2/40	ASSUMED	141.9	140.7	137.4	3.3	2.3
R3/40	ASSUMED	139.4	138.3	134.9	3.4	2.5
R4/40	ASSUMED	123.5	122.9	122.3	0.6	0.5
R5/40	ASSUMED	143.3	142.0	133.7	8.4	5.9
R6/40	ASSUMED	125.6	125.2	123.0	2.1	1.7
R7/40	ASSUMED	114.0	113.0	97.3	15.7	13.9
R1/41	ASSUMED	38.2	36.0	35.9	0.2	0.6
R2/41	ASSUMED	107.1	104.4	99.9	4.5	4.3
R3/41	ASSUMED	107.1	103.5	103.5	0.0	0.0
R4/41	ASSUMED	32.3	31.4	31.4	0.0	0.0
R5/41	ASSUMED	104.8	102.7	96.2	6.4	6.2
R6/41	ASSUMED	104.8	100.9	100.9	0.0	0.0
R7/41	ASSUMED	32.3	31.4	31.3	0.1	0.3
R8/41	ASSUMED	91.2	89.7	78.8	10.9	12.2
R9/41	ASSUMED	91.2	87.9	85.4	2.5	2.8

1 to 46 Clyde Court

R1/100	ASSUMED	114.2	112.4	112.4	0.0	0.0
R2/100	ASSUMED	113.0	109.4	109.4	0.0	0.0
R3/100	ASSUMED	153.1	150.0	150.0	0.0	0.0
R5/100	ASSUMED	150.2	147.4	147.4	0.0	0.0
R6/100	ASSUMED	108.7	105.0	105.0	0.0	0.0
R7/100	ASSUMED	123.0	120.8	120.8	0.0	0.0
R8/100	ASSUMED	121.2	119.3	119.3	0.0	0.0
R9/100	ASSUMED	108.7	105.2	105.2	0.0	0.0
R10/100	ASSUMED	150.6	148.7	148.7	0.0	0.0
R4/101	ASSUMED	121.2	119.3	119.3	0.0	0.0
R5/101	ASSUMED	108.7	106.6	106.6	0.0	0.0
R6/101	ASSUMED	150.6	149.3	149.3	0.0	0.0
R8/101	ASSUMED	150.2	148.3	148.3	0.0	0.0
R9/101	ASSUMED	108.7	106.3	106.3	0.0	0.0
R10/101	ASSUMED	123.0	120.8	120.8	0.0	0.0
R11/101	ASSUMED	121.2	119.3	119.3	0.0	0.0
R12/101	ASSUMED	108.7	106.6	106.6	0.0	0.0
R13/101	ASSUMED	150.6	149.3	149.3	0.0	0.0
R4/102	ASSUMED	121.2	119.3	119.3	0.0	0.0
R5/102	ASSUMED	108.7	106.8	106.8	0.0	0.0
R6/102	ASSUMED	150.6	149.3	149.3	0.0	0.0
R8/102	ASSUMED	150.2	148.7	148.7	0.0	0.0
R9/102	ASSUMED	108.7	106.6	106.6	0.0	0.0

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R10/102	ASSUMED	123.0	121.0	121.0	0.0	0.0
R11/102	ASSUMED	121.2	119.3	119.3	0.0	0.0
R12/102	ASSUMED	108.7	106.8	106.8	0.0	0.0
R13/102	ASSUMED	150.6	149.3	149.3	0.0	0.0
R4/103	ASSUMED	121.2	119.3	119.3	0.0	0.0
R5/103	ASSUMED	108.7	105.6	105.6	0.0	0.0
R6/103	ASSUMED	150.6	149.3	149.3	0.0	0.0
R8/103	ASSUMED	150.2	148.9	148.9	0.0	0.0
R9/103	ASSUMED	108.7	105.4	105.4	0.0	0.0
R10/103	ASSUMED	123.0	121.0	121.0	0.0	0.0
R11/103	ASSUMED	121.2	119.3	119.3	0.0	0.0
R12/103	ASSUMED	108.7	105.6	105.6	0.0	0.0
R13/103	ASSUMED	150.6	149.3	149.3	0.0	0.0

21 to 29 Somers Close

R1/120	ASSUMED_LIV	163.0	161.1	149.8	11.3	7.0
R2/120	ASSUMED_KD	134.1	131.1	125.3	5.7	4.3
R4/120	ASSUMED_KD	128.5	124.5	114.8	9.7	7.8
R5/120	ASSUMED_LIV	173.7	171.2	124.2	47.0	27.5
R1/121	ASSUMED_LIV	163.0	161.1	161.1	0.0	0.0
R2/121	ASSUMED_KD	134.1	131.1	131.1	0.0	0.0
R4/121	ASSUMED_KD	128.5	124.5	124.5	0.0	0.0
R5/121	ASSUMED_LIV	173.7	171.3	170.5	0.8	0.5
R1/122	ASSUMED_LIV	163.0	161.1	161.1	0.0	0.0
R2/122	ASSUMED_KD	134.1	131.1	131.1	0.0	0.0
R4/122	ASSUMED_KD	128.5	125.1	125.1	0.0	0.0
R5/122	ASSUMED_LIV	173.7	171.4	171.4	0.0	0.0
R1/130	ASSUMED	22.3	20.7	20.7	0.0	0.0
R1/132	ASSUMED_BAT	42.9	39.1	39.1	0.0	0.0

16 to 19 Somers Close

R2/130	ASSUMED	158.9	157.2	134.3	22.9	14.6
R3/130	ASSUMED	158.1	156.4	138.5	17.8	11.4
R4/130	ASSUMED	17.8	16.7	16.7	0.0	0.0
R5/130	ASSUMED	22.2	20.5	20.5	0.0	0.0
R6/130	ASSUMED	158.3	156.5	139.7	16.8	10.7
R7/130	ASSUMED	159.6	157.7	157.7	0.0	0.0
R8/130	ASSUMED	23.5	21.8	21.8	0.0	0.0
R1/131	ASSUMED	147.9	145.3	145.3	0.0	0.0
R2/131	ASSUMED	139.1	135.8	135.8	0.0	0.0
R3/131	ASSUMED	146.7	144.4	144.4	0.0	0.0
R4/131	ASSUMED	150.2	147.3	147.3	0.0	0.0
R2/132	ASSUMED_BED	111.2	109.1	109.1	0.0	0.0

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R3/132	ASSUMED_BED	111.2	108.7	108.7	0.0	0.0
R4/132	ASSUMED_BAT	37.5	35.4	35.4	0.0	0.0
R5/132	ASSUMED_BAT	37.9	35.4	35.4	0.0	0.0
R6/132	ASSUMED_BED	121.6	118.5	118.5	0.0	0.0
R7/132	ASSUMED_BED	123.5	120.3	120.3	0.0	0.0
R8/132	ASSUMED_BAT	38.2	35.8	35.8	0.0	0.0

8 to 15 Somers Close

R1/140	ASSUMED	161.3	159.7	158.5	1.2	0.8
R2/140	ASSUMED	163.8	154.7	154.7	0.0	0.0
R3/140	ASSUMED	174.6	170.5	170.5	0.0	0.0
R4/140	ASSUMED	150.9	149.6	149.6	0.0	0.0
R1/141	ASSUMED	161.3	159.7	159.7	0.0	0.0
R2/141	ASSUMED	163.8	154.4	154.4	0.0	0.0
R3/141	ASSUMED	174.6	170.5	170.5	0.0	0.0
R4/141	ASSUMED	150.9	149.6	149.6	0.0	0.0
R1/142	ASSUMED	161.3	159.9	159.9	0.0	0.0
R2/142	ASSUMED	163.8	155.0	155.0	0.0	0.0
R3/142	ASSUMED	174.6	170.5	170.5	0.0	0.0
R4/142	ASSUMED	150.9	149.6	149.6	0.0	0.0

1 to 3 Charrington Street

R1/149	ASSUMED	151.8	147.6	137.9	9.6	6.5
R2/149	ASSUMED	154.6	150.3	146.5	3.8	2.5
R1/150	ASSUMED	110.1	104.6	104.6	0.0	0.0
R2/150	ASSUMED	115.5	108.5	108.5	0.0	0.0
R4/150	ASSUMED	151.8	147.6	147.6	0.0	0.0
R6/150	ASSUMED	154.6	149.9	149.9	0.0	0.0
R1/151	ASSUMED	110.1	104.2	104.2	0.0	0.0
R2/151	ASSUMED	115.5	108.5	108.5	0.0	0.0
R3/151	ASSUMED	104.6	102.2	102.2	0.0	0.0
R4/151	ASSUMED	107.9	105.5	105.5	0.0	0.0
R5/151	ASSUMED	102.4	100.3	100.3	0.0	0.0
R6/151	ASSUMED	108.0	105.7	105.7	0.0	0.0
R1/152	ASSUMED	110.1	105.3	105.3	0.0	0.0
R2/152	ASSUMED	115.5	111.1	111.1	0.0	0.0
R3/152	ASSUMED	104.6	102.4	102.4	0.0	0.0
R4/152	ASSUMED	107.9	105.4	105.4	0.0	0.0
R5/152	ASSUMED	102.4	100.3	100.3	0.0	0.0
R6/152	ASSUMED	108.0	105.6	105.6	0.0	0.0

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
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130 Chalton Street (PH)

R2/171	BATHROOM	41.5	35.8	35.8	0.0	0.0
R3/171	KITCHEN	70.8	70.0	69.8	0.2	0.3
R4/171	BEDROOM	118.9	116.7	116.7	0.0	0.0
R2/172	WC	17.9	16.0	16.0	0.0	0.0
R3/172	BATHROOM	19.7	16.1	16.1	0.0	0.0
R4/172	KITCHEN	58.5	56.4	33.8	22.6	40.1
R5/172	BEDROOM	83.9	82.7	56.4	26.3	31.8
R6/172	BEDROOM	108.0	107.5	106.6	0.8	0.7
R2/173	BATHROOM	42.8	40.1	40.1	0.0	0.0
R3/173	LKD	260.4	220.1	217.9	2.1	1.0

117 St. Anthony's Flats

R1/190	ASSUMED	170.4	146.4	129.2	17.1	11.7
R2/190	ASSUMED	107.4	100.9	94.5	6.4	6.3
R1/191	ASSUMED	170.4	166.8	148.9	18.0	10.8
R2/191	ASSUMED	107.4	99.9	96.1	3.8	3.8
R1/192	ASSUMED	170.4	169.4	163.2	6.2	3.7
R2/192	ASSUMED	107.4	100.2	99.2	1.0	1.0
R1/193	ASSUMED	170.4	169.7	169.7	0.0	0.0
R2/193	ASSUMED	107.4	104.9	104.9	0.0	0.0
R1/194	ASSUMED	147.5	146.9	146.9	0.0	0.0
R2/194	ASSUMED	107.4	107.0	107.0	0.0	0.0

1 to 14 Phyllis Hodges House

R1/200	ASSUMED	196.5	192.6	178.9	13.7	7.1
R2/200	ASSUMED	25.8	0.0	0.0	0.0	#DIV/0!
R3/200	ASSUMED	44.7	42.8	25.3	17.5	40.9
R4/200	ASSUMED	136.4	136.4	134.6	1.8	1.3
R1/201	ASSUMED	110.3	108.9	60.5	48.4	44.4
R2/201	ASSUMED	100.6	99.8	57.0	42.8	42.9
R3/201	ASSUMED	91.2	86.3	31.0	55.3	64.1
R4/201	ASSUMED	184.5	184.3	184.0	0.3	0.2
R1/202	ASSUMED	110.3	107.3	51.5	55.8	52.0
R2/202	ASSUMED	100.6	98.2	57.3	40.9	41.6
R3/202	ASSUMED	91.2	86.6	34.4	52.2	60.3
R4/202	ASSUMED	184.5	184.5	184.5	0.0	0.0
R1/203	ASSUMED	110.3	107.3	54.6	52.7	49.1
R2/203	ASSUMED	100.6	98.2	60.5	37.7	38.4
R3/203	ASSUMED	91.2	86.5	37.9	48.6	56.2
R4/203	ASSUMED	184.5	184.5	184.5	0.0	0.0
R1/204	ASSUMED	110.3	104.2	48.3	55.9	53.6

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R2/204	ASSUMED	100.6	96.3	55.5	40.8	42.4
R3/204	ASSUMED	91.2	87.6	42.1	45.5	51.9
R4/204	ASSUMED	189.7	189.2	189.2	0.0	0.0
105 to 113 Chalton Street						
R2/209	ASSUMED	107.7	104.8	99.7	5.2	5.0
R3/209	ASSUMED	106.8	98.8	88.0	10.7	10.8
R4/210	ASSUMED	122.5	119.3	110.2	9.1	7.6
R5/210	ASSUMED	122.0	119.0	107.2	11.8	9.9
R3/211	ASSUMED	107.8	104.7	104.7	0.0	0.0
R4/211	ASSUMED	102.5	100.8	100.8	0.0	0.0
R5/211	ASSUMED	217.0	216.7	216.7	0.0	0.0
R6/211	ASSUMED	217.5	217.1	217.1	0.0	0.0
R3/212	ASSUMED	107.8	103.6	103.6	0.0	0.0
R4/212	ASSUMED	102.5	100.5	100.5	0.0	0.0
R5/212	ASSUMED	217.0	216.7	216.7	0.0	0.0
R6/212	ASSUMED	217.5	217.0	217.0	0.0	0.0
R3/213	ASSUMED	107.8	103.3	103.3	0.0	0.0
R4/213	ASSUMED	102.5	100.5	100.5	0.0	0.0
R5/213	ASSUMED	217.0	216.3	216.3	0.0	0.0
R6/213	ASSUMED	217.5	216.7	216.7	0.0	0.0
R1/219	ASSUMED	101.1	80.6	54.9	25.6	31.8
R2/219	ASSUMED	127.5	117.9	96.2	21.7	18.4
R2/220	ASSUMED	156.3	146.9	120.4	26.5	18.0
101 to 103 Chalton Street						
R1/209	ASSUMED	127.3	124.9	124.9	0.0	0.0
R1/210	ASSUMED	139.3	132.0	132.0	0.0	0.0
R1/211	ASSUMED	107.1	104.6	104.6	0.0	0.0
R2/211	ASSUMED	99.1	97.2	97.2	0.0	0.0
R1/212	ASSUMED	107.1	104.6	104.6	0.0	0.0
R2/212	ASSUMED	99.1	95.8	95.8	0.0	0.0
R1/213	ASSUMED	107.1	104.6	104.6	0.0	0.0
R2/213	ASSUMED	99.1	95.4	95.4	0.0	0.0
40 to 151 Walker House						
R1/330	ASSUMED	110.8	101.0	101.0	0.0	0.0
R2/330	ASSUMED	155.0	149.9	149.9	0.0	0.0
R3/330	ASSUMED	112.5	110.0	109.8	0.2	0.2
R4/330	ASSUMED	114.5	111.5	111.5	0.0	0.0
R5/330	ASSUMED	157.1	154.0	154.0	0.0	0.0

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R6/330	ASSUMED	101.1	99.2	99.2	0.0	0.0
R7/330	ASSUMED	114.2	111.7	110.7	1.0	0.9
R8/330	ASSUMED	152.1	148.9	148.9	0.0	0.0
R9/330	ASSUMED	126.8	124.9	124.5	0.4	0.3
R10/330	ASSUMED	120.0	118.4	118.4	0.0	0.0
R11/330	ASSUMED	139.8	137.1	137.0	0.2	0.1
R12/330	ASSUMED	156.3	149.8	149.8	0.0	0.0
R13/330	ASSUMED	71.2	70.8	70.8	0.0	0.0
R14/330	ASSUMED	160.0	156.9	156.9	0.0	0.0
R15/330	ASSUMED	121.2	117.0	117.0	0.0	0.0
R16/330	ASSUMED	102.7	100.9	100.9	0.0	0.0
R17/330	ASSUMED	156.5	150.6	150.6	0.0	0.0
R1/331	ASSUMED	110.8	101.0	101.0	0.0	0.0
R2/331	ASSUMED	155.0	149.9	149.9	0.0	0.0
R3/331	ASSUMED	112.5	110.0	109.8	0.2	0.2
R4/331	ASSUMED	114.5	111.5	111.5	0.0	0.0
R5/331	ASSUMED	157.1	154.0	154.0	0.0	0.0
R6/331	ASSUMED	101.1	99.2	99.2	0.0	0.0
R7/331	ASSUMED	114.2	112.0	111.0	1.0	0.9
R8/331	ASSUMED	152.1	148.9	148.9	0.0	0.0
R9/331	ASSUMED	126.8	124.9	124.5	0.4	0.3
R10/331	ASSUMED	106.4	105.5	105.5	0.0	0.0
R11/331	ASSUMED	125.9	123.1	123.1	0.0	0.0
R12/331	ASSUMED	114.8	110.6	110.6	0.0	0.0
R13/331	ASSUMED	120.0	118.4	118.4	0.0	0.0
R14/331	ASSUMED	139.8	137.1	137.0	0.2	0.1
R15/331	ASSUMED	156.3	149.8	149.8	0.0	0.0
R16/331	ASSUMED	71.2	70.8	70.8	0.0	0.0
R17/331	ASSUMED	160.0	156.9	156.9	0.0	0.0
R18/331	ASSUMED	121.2	117.0	117.0	0.0	0.0
R19/331	ASSUMED	102.7	100.9	100.9	0.0	0.0
R20/331	ASSUMED	156.5	150.6	150.6	0.0	0.0
R1/332	ASSUMED	110.8	101.0	101.0	0.0	0.0
R2/332	ASSUMED	155.0	149.9	149.9	0.0	0.0
R3/332	ASSUMED	112.5	110.0	109.8	0.2	0.2
R4/332	ASSUMED	114.5	111.5	111.5	0.0	0.0
R5/332	ASSUMED	157.1	154.0	154.0	0.0	0.0
R6/332	ASSUMED	101.1	99.2	99.2	0.0	0.0
R7/332	ASSUMED	114.2	112.0	111.0	1.0	0.9
R8/332	ASSUMED	152.1	148.9	148.9	0.0	0.0
R9/332	ASSUMED	126.8	124.9	124.5	0.4	0.3
R10/332	ASSUMED	106.4	105.5	105.5	0.0	0.0
R11/332	ASSUMED	125.9	123.1	123.1	0.0	0.0
R12/332	ASSUMED	114.8	110.6	110.6	0.0	0.0
R13/332	ASSUMED	120.0	118.4	118.4	0.0	0.0
R14/332	ASSUMED	139.8	137.1	137.0	0.2	0.1
R15/332	ASSUMED	156.3	149.8	149.8	0.0	0.0

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R16/332	ASSUMED	71.2	70.8	70.8	0.0	0.0
R17/332	ASSUMED	160.0	156.9	156.9	0.0	0.0
R18/332	ASSUMED	121.2	117.0	117.0	0.0	0.0
R19/332	ASSUMED	102.7	100.9	100.9	0.0	0.0
R20/332	ASSUMED	156.5	150.6	150.6	0.0	0.0
R1/333	ASSUMED	110.8	101.0	101.0	0.0	0.0
R2/333	ASSUMED	155.0	149.9	149.9	0.0	0.0
R3/333	ASSUMED	112.5	110.0	109.8	0.2	0.2
R4/333	ASSUMED	114.5	111.5	111.5	0.0	0.0
R5/333	ASSUMED	157.1	154.0	154.0	0.0	0.0
R6/333	ASSUMED	101.1	99.2	99.2	0.0	0.0
R7/333	ASSUMED	114.2	112.0	111.0	1.0	0.9
R8/333	ASSUMED	152.1	148.9	148.9	0.0	0.0
R9/333	ASSUMED	126.8	124.9	124.5	0.4	0.3
R10/333	ASSUMED	106.4	105.5	105.5	0.0	0.0
R11/333	ASSUMED	125.9	123.1	123.1	0.0	0.0
R12/333	ASSUMED	114.8	110.6	110.6	0.0	0.0
R13/333	ASSUMED	120.0	118.4	118.4	0.0	0.0
R14/333	ASSUMED	139.8	137.1	137.0	0.1	0.1
R15/333	ASSUMED	156.3	149.8	149.8	0.0	0.0
R16/333	ASSUMED	71.2	70.8	70.8	0.0	0.0
R17/333	ASSUMED	160.0	156.9	156.9	0.0	0.0
R18/333	ASSUMED	121.2	117.0	117.0	0.0	0.0
R19/333	ASSUMED	102.7	100.9	100.9	0.0	0.0
R20/333	ASSUMED	156.5	150.6	150.6	0.0	0.0
R1/334	ASSUMED	110.8	101.0	101.0	0.0	0.0
R2/334	ASSUMED	155.0	149.9	149.9	0.0	0.0
R3/334	ASSUMED	112.5	110.0	109.8	0.2	0.2
R4/334	ASSUMED	114.5	111.5	111.5	0.0	0.0
R5/334	ASSUMED	157.1	154.0	154.0	0.0	0.0
R6/334	ASSUMED	101.1	99.2	99.2	0.0	0.0
R7/334	ASSUMED	114.2	112.0	111.0	1.0	0.9
R8/334	ASSUMED	152.1	148.9	148.9	0.0	0.0
R9/334	ASSUMED	126.8	124.9	124.6	0.3	0.2
R10/334	ASSUMED	106.4	105.5	105.5	0.0	0.0
R11/334	ASSUMED	125.9	123.1	123.1	0.0	0.0
R12/334	ASSUMED	114.8	110.6	110.6	0.0	0.0
R13/334	ASSUMED	120.0	118.4	118.4	0.0	0.0
R14/334	ASSUMED	139.8	137.1	137.1	0.0	0.0
R15/334	ASSUMED	156.3	149.8	149.8	0.0	0.0
R16/334	ASSUMED	71.2	70.8	70.8	0.0	0.0
R17/334	ASSUMED	160.0	156.9	156.9	0.0	0.0
R18/334	ASSUMED	121.2	117.0	117.0	0.0	0.0
R19/334	ASSUMED	102.7	100.9	100.9	0.0	0.0
R20/334	ASSUMED	156.5	150.6	150.6	0.0	0.0

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
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1 to 8 Monica Shaw Court

R1/270	ASSUMED	128.9	126.4	126.4	0.0	0.0
R2/270	ASSUMED	77.9	75.0	75.0	0.0	0.0
R3/270	ASSUMED	77.5	74.6	74.6	0.0	0.0
R4/270	ASSUMED	131.1	128.6	128.6	0.0	0.0
R5/270	ASSUMED	131.2	128.2	128.2	0.0	0.0
R6/270	ASSUMED	79.7	76.7	76.7	0.0	0.0
R7/270	ASSUMED	76.6	73.7	73.7	0.0	0.0
R8/270	ASSUMED	133.1	129.3	129.3	0.0	0.0
R1/271	ASSUMED	128.9	125.1	125.1	0.0	0.0
R2/271	ASSUMED	77.9	75.0	75.0	0.0	0.0
R3/271	ASSUMED	77.5	74.6	74.6	0.0	0.0
R4/271	ASSUMED	131.1	127.2	127.2	0.0	0.0
R5/271	ASSUMED	131.2	125.4	125.4	0.0	0.0
R6/271	ASSUMED	79.7	72.2	72.0	0.2	0.3
R7/271	ASSUMED	76.6	73.7	73.7	0.0	0.0
R8/271	ASSUMED	133.1	127.8	127.8	0.0	0.0
R1/272	ASSUMED	128.9	125.1	125.1	0.0	0.0
R2/272	ASSUMED	79.1	75.6	75.6	0.0	0.0
R3/272	ASSUMED	78.7	75.3	75.3	0.0	0.0
R4/272	ASSUMED	130.8	126.9	126.9	0.0	0.0
R5/272	ASSUMED	187.8	184.5	184.5	0.0	0.0
R6/272	ASSUMED	93.9	90.9	90.9	0.0	0.0
R7/272	ASSUMED	77.4	74.1	74.1	0.0	0.0
R8/272	ASSUMED	131.5	125.7	125.7	0.0	0.0
R1/273	ASSUMED	128.9	125.1	125.1	0.0	0.0
R2/273	ASSUMED	79.1	75.6	75.6	0.0	0.0
R3/273	ASSUMED	78.7	75.3	75.3	0.0	0.0
R4/273	ASSUMED	130.8	126.9	126.9	0.0	0.0
R5/273	ASSUMED	187.8	184.5	184.5	0.0	0.0
R6/273	ASSUMED	93.9	90.8	90.8	0.0	0.0
R7/273	ASSUMED	77.4	74.1	74.1	0.0	0.0
R8/273	ASSUMED	131.5	125.7	125.7	0.0	0.0

9 to 29 Monica Shaw Court

R1/300	ASSUMED	126.6	124.3	124.3	0.0	0.0
R2/300	ASSUMED	79.6	76.6	76.6	0.0	0.0
R3/300	ASSUMED	79.0	76.1	76.1	0.0	0.0
R4/300	ASSUMED	130.6	128.0	128.0	0.0	0.0
R5/300	ASSUMED	131.6	128.8	128.8	0.0	0.0
R6/300	ASSUMED	77.6	74.7	74.7	0.0	0.0
R1/301	ASSUMED	126.6	122.9	122.9	0.0	0.0
R2/301	ASSUMED	79.6	76.6	76.6	0.0	0.0
R3/301	ASSUMED	79.0	76.1	76.1	0.0	0.0

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R4/301	ASSUMED	130.6	126.8	126.8	0.0	0.0
R5/301	ASSUMED	131.6	127.4	127.4	0.0	0.0
R6/301	ASSUMED	77.6	72.8	72.8	0.0	0.0
R2/302	ASSUMED	126.8	123.1	123.1	0.0	0.0
R3/302	ASSUMED	79.7	76.2	76.2	0.0	0.0
R4/302	ASSUMED	79.2	75.7	75.7	0.0	0.0
R5/302	ASSUMED	130.8	124.7	124.7	0.0	0.0
R6/302	ASSUMED	136.2	132.9	132.9	0.0	0.0
R7/302	ASSUMED	87.6	85.1	85.1	0.0	0.0
R8/302	ASSUMED	79.8	76.3	76.3	0.0	0.0
R9/302	ASSUMED	131.4	127.6	127.6	0.0	0.0
R10/302	ASSUMED	132.2	128.4	128.4	0.0	0.0
R11/302	ASSUMED	78.4	75.0	75.0	0.0	0.0
R12/302	ASSUMED	79.2	75.7	75.7	0.0	0.0
R13/302	ASSUMED	129.9	126.1	126.1	0.0	0.0
R14/302	ASSUMED	133.2	129.4	129.4	0.0	0.0
R15/302	ASSUMED	78.8	75.4	75.4	0.0	0.0
R16/302	ASSUMED	79.0	75.6	75.6	0.0	0.0
R17/302	ASSUMED	130.3	126.5	126.5	0.0	0.0
R18/302	ASSUMED	130.5	126.7	126.7	0.0	0.0
R19/302	ASSUMED	78.7	75.6	75.6	0.0	0.0
R2/303	ASSUMED	126.8	123.1	123.1	0.0	0.0
R3/303	ASSUMED	79.7	76.2	76.2	0.0	0.0
R4/303	ASSUMED	79.2	75.7	75.7	0.0	0.0
R5/303	ASSUMED	130.8	124.7	124.7	0.0	0.0
R6/303	ASSUMED	136.2	132.9	132.9	0.0	0.0
R7/303	ASSUMED	87.6	85.1	85.1	0.0	0.0
R8/303	ASSUMED	79.8	76.3	76.3	0.0	0.0
R9/303	ASSUMED	131.4	127.6	127.6	0.0	0.0
R10/303	ASSUMED	132.2	128.4	128.4	0.0	0.0
R11/303	ASSUMED	78.4	75.0	75.0	0.0	0.0
R12/303	ASSUMED	79.2	75.7	75.7	0.0	0.0
R13/303	ASSUMED	129.9	126.1	126.1	0.0	0.0
R14/303	ASSUMED	133.2	129.4	129.4	0.0	0.0
R15/303	ASSUMED	78.8	75.4	75.4	0.0	0.0
R16/303	ASSUMED	79.0	75.6	75.6	0.0	0.0
R17/303	ASSUMED	130.3	126.5	126.5	0.0	0.0
R18/303	ASSUMED	130.5	126.7	126.7	0.0	0.0
R19/303	ASSUMED	78.7	75.6	75.6	0.0	0.0
R2/304	ASSUMED	101.1	97.1	97.1	0.0	0.0
R3/304	ASSUMED	79.7	76.7	76.7	0.0	0.0
R4/304	ASSUMED	82.4	79.3	79.3	0.0	0.0
R5/304	ASSUMED	109.8	106.2	106.2	0.0	0.0
R6/304	ASSUMED	115.2	112.4	112.4	0.0	0.0
R7/304	ASSUMED	93.3	90.2	90.2	0.0	0.0
R8/304	ASSUMED	82.3	79.2	79.2	0.0	0.0
R9/304	ASSUMED	110.2	106.5	106.5	0.0	0.0

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R10/304	ASSUMED	110.0	106.3	106.3	0.0	0.0
R11/304	ASSUMED	82.6	79.5	79.5	0.0	0.0
R12/304	ASSUMED	82.2	79.2	79.2	0.0	0.0
R13/304	ASSUMED	105.9	102.3	102.3	0.0	0.0
R14/304	ASSUMED	110.0	106.3	106.3	0.0	0.0
R15/304	ASSUMED	82.6	79.5	79.5	0.0	0.0
R16/304	ASSUMED	83.1	80.0	80.0	0.0	0.0
R17/304	ASSUMED	109.4	105.7	105.7	0.0	0.0
R18/304	ASSUMED	110.4	106.7	106.7	0.0	0.0
R19/304	ASSUMED	81.0	78.0	78.0	0.0	0.0
R2/305	ASSUMED	101.1	98.0	98.0	0.0	0.0
R3/305	ASSUMED	79.7	78.1	78.1	0.0	0.0
R4/305	ASSUMED	79.4	77.7	77.7	0.0	0.0
R5/305	ASSUMED	112.9	109.3	109.3	0.0	0.0
R6/305	ASSUMED	118.0	114.1	114.1	0.0	0.0
R7/305	ASSUMED	90.2	88.5	88.5	0.0	0.0
R8/305	ASSUMED	79.9	78.3	78.3	0.0	0.0
R9/305	ASSUMED	112.6	109.3	109.3	0.0	0.0
R10/305	ASSUMED	112.4	109.2	109.2	0.0	0.0
R11/305	ASSUMED	80.2	78.6	78.6	0.0	0.0
R12/305	ASSUMED	78.9	77.3	77.3	0.0	0.0
R13/305	ASSUMED	112.2	109.0	109.0	0.0	0.0
R14/305	ASSUMED	112.4	109.0	109.0	0.0	0.0
R15/305	ASSUMED	80.2	78.6	78.6	0.0	0.0
R16/305	ASSUMED	79.3	77.6	77.6	0.0	0.0
R17/305	ASSUMED	113.2	110.0	110.0	0.0	0.0
R18/305	ASSUMED	112.8	109.4	109.3	0.0	0.0
R19/305	ASSUMED	78.6	77.0	77.0	0.0	0.0

40 to 42 Purchase Street

R1/290	ASSUMED	61.3	60.7	60.7	0.0	0.0
R2/290	ASSUMED	70.1	69.0	69.0	0.0	0.0
R3/290	ASSUMED	193.7	193.7	192.0	1.7	0.9
R4/290	ASSUMED	151.9	147.3	147.3	0.0	0.0
R1/291	ASSUMED	106.1	106.1	106.1	0.0	0.0
R2/291	ASSUMED	70.1	69.5	69.5	0.0	0.0
R3/291	ASSUMED	193.7	193.7	193.0	0.8	0.4
R4/291	ASSUMED	151.9	148.4	148.4	0.0	0.0
R1/292	ASSUMED	106.1	106.1	106.1	0.0	0.0
R2/292	ASSUMED	70.1	69.5	69.5	0.0	0.0
R3/292	ASSUMED	193.7	193.7	193.2	0.5	0.3
R4/292	ASSUMED	151.9	147.6	147.6	0.0	0.0

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
Phoenix Court						
R1/252	BEDROOM	110.3	98.0	98.0	0.0	0.0
R2/252	KITCHEN	65.4	60.5	59.0	1.5	2.5
R5/252	KITCHEN	69.2	37.5	36.6	0.9	2.4
R6/252	BEDROOM	118.6	35.7	27.8	7.9	22.1
R7/252	BEDROOM	116.3	35.0	25.9	9.1	26.0
R8/252	KITCHEN	65.3	34.7	33.9	0.8	2.3
R11/252	KITCHEN	65.4	34.1	32.1	2.0	5.9
R12/252	BEDROOM	113.4	34.2	34.2	0.0	0.0
R14/252	KITCHEN	70.1	36.5	34.7	1.7	4.7
R15/252	BEDROOM	113.7	34.0	32.5	1.5	4.4
R16/252	BEDROOM	114.0	32.1	32.1	0.0	0.0
R17/252	KITCHEN	70.3	36.6	36.2	0.4	1.1
R20/252	KITCHEN	71.2	64.9	64.9	0.0	0.0
R21/252	BEDROOM	110.0	97.5	97.5	0.0	0.0
R1/253	BEDROOM	110.3	105.9	105.9	0.0	0.0
R2/253	KITCHEN	63.7	58.9	56.8	2.2	3.7
R5/253	KITCHEN	68.7	44.3	43.4	0.9	2.0
R6/253	BEDROOM	118.6	52.1	40.7	11.4	21.9
R7/253	BEDROOM	116.3	49.4	37.1	12.2	24.7
R8/253	KITCHEN	67.2	43.3	43.3	0.0	0.0
R11/253	KITCHEN	63.3	41.1	39.4	1.7	4.1
R12/253	BEDROOM	113.4	48.4	48.4	0.0	0.0
R13/253	BEDROOM	124.1	53.0	52.3	0.7	1.3
R14/253	KITCHEN	62.6	40.7	39.6	1.0	2.5
R17/253	KITCHEN	68.1	44.2	39.3	4.9	11.1
R18/253	BEDROOM	113.7	48.6	48.6	0.0	0.0
R19/253	BEDROOM	114.0	48.7	48.7	0.0	0.0
R20/253	KITCHEN	72.7	47.1	46.0	1.1	2.3
R23/253	KITCHEN	69.3	63.6	63.5	0.1	0.2
R24/253	BEDROOM	110.0	106.6	106.6	0.0	0.0
R1/254	BEDROOM	110.3	105.7	105.7	0.0	0.0
R2/254	KITCHEN	63.9	59.8	57.6	2.2	3.7
R5/254	KITCHEN	67.4	43.6	42.5	1.1	2.5
R6/254	BEDROOM	118.6	50.7	41.4	9.3	18.3
R7/254	BEDROOM	116.3	49.7	39.4	10.3	20.7
R8/254	KITCHEN	67.4	42.2	42.2	0.0	0.0
R11/254	KITCHEN	63.3	39.8	37.6	2.2	5.5
R12/254	BEDROOM	113.4	48.4	48.4	0.0	0.0
R13/254	BEDROOM	124.1	53.0	52.3	0.7	1.3
R14/254	KITCHEN	64.4	40.4	39.4	1.0	2.5
R17/254	KITCHEN	72.2	45.1	42.6	2.5	5.5
R18/254	BEDROOM	113.7	48.6	48.6	0.0	0.0
R19/254	BEDROOM	114.0	48.6	48.6	0.0	0.0
R20/254	KITCHEN	69.2	43.4	42.8	0.5	1.2
R23/254	KITCHEN	69.8	63.4	63.4	0.0	0.0

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R24/254	BEDROOM	110.0	104.3	104.3	0.0	0.0
R1/255	BEDROOM	110.3	104.8	104.8	0.0	0.0
R2/255	KITCHEN	64.0	59.4	58.2	1.2	2.0
R5/255	KITCHEN	67.8	42.5	41.3	1.2	2.8
R6/255	BEDROOM	118.6	48.2	38.7	9.4	19.5
R7/255	BEDROOM	116.3	47.3	37.6	9.7	20.5
R8/255	KITCHEN	67.3	42.1	42.1	0.0	0.0
R11/255	KITCHEN	65.3	41.0	39.4	1.6	3.9
R12/255	BEDROOM	113.4	46.1	46.1	0.0	0.0
R13/255	BEDROOM	124.1	50.4	49.5	0.9	1.8
R14/255	KITCHEN	64.4	40.4	39.2	1.2	3.0
R17/255	KITCHEN	72.2	45.1	41.7	3.4	7.5
R18/255	BEDROOM	113.7	46.2	46.2	0.0	0.0
R19/255	BEDROOM	114.0	46.2	46.2	0.0	0.0
R20/255	KITCHEN	69.5	42.1	41.7	0.4	1.0
R23/255	KITCHEN	72.2	67.8	67.8	0.0	0.0
R24/255	BEDROOM	110.0	104.4	104.4	0.0	0.0
R1/256	BEDROOM	117.5	98.8	98.8	0.0	0.0
R4/256	BEDROOM	124.7	100.2	100.2	0.0	0.0
R5/256	BEDROOM	124.5	103.6	103.6	0.0	0.0
R8/256	BEDROOM	124.7	104.2	104.2	0.0	0.0
R9/256	BEDROOM	124.8	103.4	103.4	0.0	0.0
R12/256	BEDROOM	124.5	103.7	103.7	0.0	0.0
R13/256	BEDROOM	124.6	103.7	103.7	0.0	0.0
R16/256	BEDROOM	123.1	103.1	103.1	0.0	0.0

Appendix 4

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		
1 to 5 Coopers Lane														
R1/10	W2/10	ASSUMED	8	33	7	31	12.5	6.1						
R1/10	W3/10	ASSUMED	0	0	0	0	-	-	8	33	7	31	12.5	6.1
R2/10	W4/10	ASSUMED	13	55	8	38	38.5	30.9	13	55	8	38	38.5	30.9
R3/10	W5/10	ASSUMED	9	30	6	25	33.3	16.7						
R3/10	W6/10	ASSUMED	7	34	6	30	14.3	11.8						
R3/10	W7/10	ASSUMED	0	0	0	0	-	-	9	37	6	30	33.3	18.9
R4/10	W8/10	ASSUMED	12	54	5	33	58.3	38.9	12	54	5	33	58.3	38.9
R5/10	W9/10	ASSUMED	8	29	4	21	50.0	27.6						
R5/10	W10/10	ASSUMED	6	33	4	27	33.3	18.2						
R5/10	W11/10	ASSUMED	0	0	0	0	-	-	8	36	4	27	50.0	25.0
R6/10	W12/10	ASSUMED	9	52	4	33	55.6	36.5	9	52	4	33	55.6	36.5
R7/10	W13/10	ASSUMED	9	52	3	30	66.7	42.3						
R7/10	W14/10	ASSUMED	3	23	3	23	0.0	0.0	12	75	6	53	50.0	29.3
R1/11	W1/11	ASSUMED	13	51	8	36	38.5	29.4						
R1/11	W2/11	ASSUMED	13	51	8	37	38.5	27.5	13	51	8	37	38.5	27.5
R2/11	W3/11	ASSUMED	12	48	7	36	41.7	25.0	12	48	7	36	41.7	25.0
R3/11	W4/11	ASSUMED	12	50	6	33	50.0	34.0						
R3/11	W5/11	ASSUMED	12	50	6	32	50.0	36.0	12	50	6	33	50.0	34.0

Room	Window	Room Use	Window				Window		Room				Room	
			Existing		Proposed		Winter %Loss	Annual %Loss	Existing		Proposed		Winter %Loss	Annual %Loss
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R4/11	W6/11	ASSUMED	11	47	4	29	63.6	38.3	11	47	4	29	63.6	38.3
R5/11	W7/11	ASSUMED	11	49	4	29	63.6	40.8						
R5/11	W8/11	ASSUMED	12	50	5	30	58.3	40.0	12	50	5	30	58.3	40.0
R6/11	W9/11	ASSUMED	9	45	4	27	55.6	40.0	9	45	4	27	55.6	40.0
2 to 12 Coopers Lane														
R1/50	W1/50	ASSUMED	5	39	2	25	60.0	35.9	5	39	2	25	60.0	35.9
R2/50	W2/50	ASSUMED	6	39	3	25	50.0	35.9	6	39	3	25	50.0	35.9
R3/50	W3/50	ASSUMED	6	38	3	25	50.0	34.2						
R3/50	W4/50	ASSUMED	6	38	3	25	50.0	34.2						
R3/50	W5/50	ASSUMED	6	39	3	25	50.0	35.9						
R3/50	W6/50	ASSUMED	7	41	4	27	42.9	34.1	7	41	4	27	42.9	34.1
R5/50	W10/50	ASSUMED_BAT	7	41	4	28	42.9	31.7	7	41	4	28	42.9	31.7
R6/50	W11/50	ASSUMED	7	40	4	29	42.9	27.5						
R6/50	W12/50	ASSUMED	7	41	4	29	42.9	29.3						
R6/50	W13/50	ASSUMED	7	40	4	30	42.9	25.0						
R6/50	W14/50	ASSUMED	7	41	4	31	42.9	24.4	7	41	4	31	42.9	24.4
R7/50	W15/50	ASSUMED	6	40	2	27	66.7	32.5						
R7/50	W16/50	ASSUMED	5	37	2	26	60.0	29.7						
R7/50	W17/50	ASSUMED	7	41	3	28	57.1	31.7						

Room	Window	Room Use	Window				Window		Room				Room	
			Existing		Proposed		Winter %Loss	Annual %Loss	Existing		Proposed		Winter %Loss	Annual %Loss
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R7/50	W18/50	ASSUMED	8	42	4	29	50.0	31.0	8	42	4	29	50.0	31.0
R8/50	W19/50	ASSUMED_BAT	8	42	3	30	62.5	28.6	8	42	3	30	62.5	28.6
R1/51	W1/51	ASSUMED	7	42	4	28	42.9	33.3						
R1/51	W2/51	ASSUMED	0	0	0	0	-	-						
R1/51	W3/51	ASSUMED	0	8	0	8	-	0.0	7	42	4	28	42.9	33.3
R2/51	W4/51	ASSUMED_BAT	0	10	0	10	-	0.0	0	10	0	10	-	0.0
R3/51	W5/51	ASSUMED_BAT	7	39	4	27	42.9	30.8	7	39	4	27	42.9	30.8
R4/51	W6/51	ASSUMED	2	20	2	13	0.0	35.0						
R4/51	W7/51	ASSUMED	8	36	5	24	37.5	33.3						
R4/51	W8/51	ASSUMED	8	43	5	34	37.5	20.9	9	45	6	36	33.3	20.0
R5/51	W9/51	ASSUMED	8	43	4	31	50.0	27.9						
R5/51	W10/51	ASSUMED	0	0	0	0	-	-						
R5/51	W11/51	ASSUMED	0	8	0	8	-	0.0	8	43	4	31	50.0	27.9
R6/51	W12/51	ASSUMED_BAT	0	9	0	9	-	0.0	0	9	0	9	-	0.0
R1/52	W1/52	ASSUMED	4	39	2	27	50.0	30.8						
R1/52	W2/52	ASSUMED	4	34	2	21	50.0	38.2						
R1/52	W3/52	ASSUMED	7	42	4	28	42.9	33.3						
R1/52	W4/52	ASSUMED	7	41	4	29	42.9	29.3	7	42	4	31	42.9	26.2
R2/52	W5/52	ASSUMED	3	25	1	17	66.7	32.0						
R2/52	W6/52	ASSUMED	4	31	2	20	50.0	35.5						

Room	Window	Room Use	Window				Window		Room				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		
R2/52	W7/52	ASSUMED	6	40	3	28	50.0	30.0						
R2/52	W8/52	ASSUMED	6	40	3	29	50.0	27.5	6	41	3	30	50.0	26.8
R3/52	W9/52	ASSUMED	9	43	6	34	33.3	20.9						
R3/52	W10/52	ASSUMED	7	37	4	28	42.9	24.3						
R3/52	W11/52	ASSUMED	9	43	6	34	33.3	20.9						
R3/52	W12/52	ASSUMED	10	44	7	35	30.0	20.5	10	45	7	37	30.0	17.8
R1/53	W1/53	ASSUMED	6	34	3	21	50.0	38.2	6	34	3	21	50.0	38.2
R2/53	W2/53	ASSUMED	7	35	4	23	42.9	34.3						
R2/53	W3/53	ASSUMED	0	8	0	8	-	0.0	7	35	4	23	42.9	34.3
R3/53	W4/53	ASSUMED	8	56	5	43	37.5	23.2						
R3/53	W5/53	ASSUMED	8	36	5	24	37.5	33.3	9	65	6	53	33.3	18.5
R4/53	W6/53	ASSUMED	9	37	6	25	33.3	32.4	9	37	6	25	33.3	32.4
R5/53	W7/53	ASSUMED	9	37	6	29	33.3	21.6	9	37	6	29	33.3	21.6
R6/53	W8/53	ASSUMED	10	38	6	28	40.0	26.3						
R6/53	W9/53	ASSUMED	0	9	0	9	-	0.0	10	39	6	29	40.0	25.6
7 to 11 Coopers Lane														
R1/10	W1/10	ASSUMED	10	31	7	27	30.0	12.9	10	31	7	27	30.0	12.9
R1/20	W1/20	ASSUMED_DIN	10	31	9	26	10.0	16.1						
R1/20	W2/20	ASSUMED_DIN	7	34	6	23	14.3	32.4						

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		
R1/20	W3/20	ASSUMED_DIN	0	0	0	0	-	-	10	38	9	27	10.0	28.9
R2/20	W4/20	ASSUMED_LIV	15	57	11	40	26.7	29.8	15	57	11	40	26.7	29.8
R3/20	W5/20	ASSUMED_DIN	10	31	10	31	0.0	0.0						
R3/20	W6/20	ASSUMED_DIN	7	34	7	28	0.0	17.6						
R3/20	W7/20	ASSUMED_DIN	0	0	0	0	-	-	10	38	10	32	0.0	15.8
R4/20	W8/20	ASSUMED_LIV	14	56	12	44	14.3	21.4	14	56	12	44	14.3	21.4
R5/20	W9/20	ASSUMED_DIN	10	31	8	28	20.0	9.7						
R5/20	W10/20	ASSUMED_DIN	7	34	7	29	0.0	14.7						
R5/20	W11/20	ASSUMED_DIN	0	0	0	0	-	-	10	38	8	30	20.0	21.1
R6/20	W12/20	ASSUMED_LIV	10	46	8	33	20.0	28.3	10	46	8	33	20.0	28.3
R1/21	W1/21	ASSUMED_BED	11	46	10	42	9.1	8.7						
R1/21	W2/21	ASSUMED_BED	7	40	6	34	14.3	15.0	11	50	10	42	9.1	16.0
R2/21	W3/21	ASSUMED_BED	15	53	10	39	33.3	26.4	15	53	10	39	33.3	26.4
R3/21	W4/21	ASSUMED_BED	15	53	10	39	33.3	26.4	15	53	10	39	33.3	26.4
R4/21	W5/21	ASSUMED_BAT	14	50	10	40	28.6	20.0	14	50	10	40	28.6	20.0
R5/21	W6/21	ASSUMED_BED	14	52	11	41	21.4	21.2	14	52	11	41	21.4	21.2
R6/21	W7/21	ASSUMED_BED	14	52	11	41	21.4	21.2	14	52	11	41	21.4	21.2

Room	Window	Room Use	Window				Window		Room				Room	
			Existing		Proposed		Winter %Loss	Annual %Loss	Existing		Proposed		Winter %Loss	Annual %Loss
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R7/21	W8/21	ASSUMED_BAT	13	49	8	36	38.5	26.5	13	49	8	36	38.5	26.5
R8/21	W9/21	ASSUMED_BED	14	52	9	37	35.7	28.8	14	52	9	37	35.7	28.8
R9/21	W10/21	ASSUMED_BED	15	53	10	38	33.3	28.3	15	53	10	38	33.3	28.3
R10/21	W11/21	ASSUMED_BAT	11	46	9	37	18.2	19.6	11	46	9	37	18.2	19.6
13 to 19 Coopers Lane														
R14/30	W28/30	ASSUMED	19	62	6	29	68.4	53.2	19	62	6	29	68.4	53.2
R15/30	W29/30	ASSUMED	17	60	6	30	64.7	50.0						
R15/30	W30/30	ASSUMED	17	60	7	34	58.8	43.3						
R15/30	W31/30	ASSUMED	17	59	7	34	58.8	42.4	17	60	7	35	58.8	41.7
R16/30	W32/30	ASSUMED	18	60	10	37	44.4	38.3						
R16/30	W33/30	ASSUMED	17	58	9	33	47.1	43.1						
R16/30	W34/30	ASSUMED	18	60	10	37	44.4	38.3	18	60	10	37	44.4	38.3
R17/30	W35/30	ASSUMED	17	60	9	35	47.1	41.7	17	60	9	35	47.1	41.7
R19/31	W19/31	ASSUMED	19	62	8	39	57.9	37.1	19	62	8	39	57.9	37.1
R20/31	W20/31	ASSUMED	19	62	9	40	52.6	35.5	19	62	9	40	52.6	35.5
R21/31	W21/31	ASSUMED	19	62	10	42	47.4	32.3	19	62	10	42	47.4	32.3
R22/31	W22/31	ASSUMED	19	61	11	40	42.1	34.4	19	61	11	40	42.1	34.4

Room	Window	Room Use	Window				Window		Room				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		
R23/31	W23/31	ASSUMED	19	61	10	40	47.4	34.4	19	61	10	40	47.4	34.4
R24/31	W24/31	ASSUMED	18	61	10	43	44.4	29.5	18	61	10	43	44.4	29.5
R13/32	W20/32	DINING	20	56	13	40	35.0	28.6						
R13/32	W21/32	DINING	17	49	13	44	23.5	10.2	21	70	14	54	33.3	22.9
R14/32	W22/32	BEDROOM	20	56	13	45	35.0	19.6	20	56	13	45	35.0	19.6
R15/32	W23/32	BEDROOM	14	54	10	45	28.6	16.7	14	54	10	45	28.6	16.7
R16/32	W24/32	DINING	0	15	0	12	-	20.0						
R16/32	W25/32	DINING	18	54	12	41	33.3	24.1	18	54	12	43	33.3	20.4
21 to 27 Coopers Lane														
R10/30	W18/30	ASSUMED	20	60	6	34	70.0	43.3						
R10/30	W19/30	ASSUMED	20	62	6	34	70.0	45.2						
R10/30	W20/30	ASSUMED	20	63	6	36	70.0	42.9						
R10/30	W21/30	ASSUMED	20	63	6	33	70.0	47.6	20	63	6	36	70.0	42.9
R11/30	W22/30	ASSUMED	20	63	7	35	65.0	44.4						
R11/30	W23/30	ASSUMED	20	62	7	34	65.0	45.2	20	63	7	35	65.0	44.4
R12/30	W24/30	ASSUMED	20	62	7	31	65.0	50.0						
R12/30	W25/30	ASSUMED	19	60	5	27	73.7	55.0						
R12/30	W26/30	ASSUMED	20	62	6	32	70.0	48.4	20	62	7	33	65.0	46.8

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		
R13/30	W27/30	ASSUMED	19	61	6	28	68.4	54.1	19	61	6	28	68.4	54.1
R13/31	W13/31	ASSUMED	21	64	7	42	66.7	34.4	21	64	7	42	66.7	34.4
R14/31	W14/31	ASSUMED	21	64	9	42	57.1	34.4	21	64	9	42	57.1	34.4
R15/31	W15/31	ASSUMED	21	64	10	41	52.4	35.9	21	64	10	41	52.4	35.9
R16/31	W16/31	ASSUMED	21	63	10	39	52.4	38.1	21	63	10	39	52.4	38.1
R17/31	W17/31	ASSUMED	20	62	8	37	60.0	40.3	20	62	8	37	60.0	40.3
R18/31	W18/31	ASSUMED	19	61	8	37	57.9	39.3	19	61	8	37	57.9	39.3
R9/32	W14/32	DINING	20	56	10	42	50.0	25.0						
R9/32	W15/32	DINING	18	50	13	45	27.8	10.0	21	70	13	58	38.1	17.1
R10/32	W16/32	BEDROOM	19	55	11	44	42.1	20.0	19	55	11	44	42.1	20.0
R11/32	W17/32	BEDROOM	14	54	8	43	42.9	20.4	14	54	8	43	42.9	20.4
R12/32	W18/32	DINING	0	15	0	11	-	26.7						
R12/32	W19/32	DINING	21	57	14	42	33.3	26.3	21	57	14	43	33.3	24.6
29 to 35 Coopers Lane														
R6/30	W10/30	ASSUMED	21	62	8	41	61.9	33.9	21	62	8	41	61.9	33.9
R7/30	W11/30	ASSUMED	21	63	7	41	66.7	34.9						

Room	Window	Room Use	Window						Room					
			Existing		Proposed		Winter %Loss	Annual %Loss	Existing		Proposed		Winter %Loss	Annual %Loss
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R7/30	W12/30	ASSUMED	21	64	7	43	66.7	32.8						
R7/30	W13/30	ASSUMED	21	62	6	40	71.4	35.5	21	64	7	44	66.7	31.3
R8/30	W14/30	ASSUMED	21	63	5	38	76.2	39.7						
R8/30	W15/30	ASSUMED	21	62	5	35	76.2	43.5						
R8/30	W16/30	ASSUMED	21	63	5	37	76.2	41.3	21	63	5	38	76.2	39.7
R9/30	W17/30	ASSUMED	20	62	6	36	70.0	41.9	20	62	6	36	70.0	41.9
R7/31	W7/31	ASSUMED	21	64	11	47	47.6	26.6	21	64	11	47	47.6	26.6
R8/31	W8/31	ASSUMED	21	64	10	46	52.4	28.1	21	64	10	46	52.4	28.1
R9/31	W9/31	ASSUMED	21	64	9	47	57.1	26.6	21	64	9	47	57.1	26.6
R10/31	W10/31	ASSUMED	21	63	7	44	66.7	30.2	21	63	7	44	66.7	30.2
R11/31	W11/31	ASSUMED	21	63	7	43	66.7	31.7	21	63	7	43	66.7	31.7
R12/31	W12/31	ASSUMED	21	63	7	42	66.7	33.3	21	63	7	42	66.7	33.3
R5/32	W8/32	DINING	22	58	13	46	40.9	20.7						
R5/32	W9/32	DINING	22	54	14	46	36.4	14.8	24	74	15	62	37.5	16.2
R6/32	W10/32	BEDROOM	20	56	12	45	40.0	19.6	20	56	12	45	40.0	19.6
R7/32	W11/32	BEDROOM	13	53	7	45	46.2	15.1	13	53	7	45	46.2	15.1
R8/32	W12/32	DINING	0	15	0	14	-	6.7						

Room	Window	Room Use	Window				Window		Room				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		
R8/32	W13/32	DINING	20	56	9	42	55.0	25.0	20	56	9	43	55.0	23.2
37 to 43 Coopers Lane														
R1/30	W1/30	ASSUMED	20	54	7	40	65.0	25.9	20	54	7	40	65.0	25.9
R2/30	W2/30	ASSUMED	20	57	9	42	55.0	26.3	20	57	9	42	55.0	26.3
R3/30	W3/30	ASSUMED	20	59	8	42	60.0	28.8						
R3/30	W4/30	ASSUMED	20	60	10	47	50.0	21.7						
R3/30	W5/30	ASSUMED	20	59	8	43	60.0	27.1	20	60	10	47	50.0	21.7
R4/30	W6/30	ASSUMED	20	59	8	44	60.0	25.4						
R4/30	W7/30	ASSUMED	20	59	7	41	65.0	30.5						
R4/30	W8/30	ASSUMED	20	60	8	45	60.0	25.0	20	60	8	45	60.0	25.0
R5/30	W9/30	ASSUMED	21	61	8	42	61.9	31.1	21	61	8	42	61.9	31.1
R1/31	W1/31	ASSUMED	22	63	11	51	50.0	19.0	22	63	11	51	50.0	19.0
R2/31	W2/31	ASSUMED	23	65	11	52	52.2	20.0	23	65	11	52	52.2	20.0
R3/31	W3/31	ASSUMED	23	65	11	52	52.2	20.0	23	65	11	52	52.2	20.0
R4/31	W4/31	ASSUMED	23	64	11	49	52.2	23.4	23	64	11	49	52.2	23.4
R5/31	W5/31	ASSUMED	24	65	12	48	50.0	26.2	24	65	12	48	50.0	26.2
R6/31	W6/31	ASSUMED	22	64	11	48	50.0	25.0	22	64	11	48	50.0	25.0

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		
R1/32	W1/32	DINING	2	18	1	17	50.0	5.6						
R1/32	W2/32	DINING	23	58	13	48	43.5	17.2						
R1/32	W3/32	DINING	20	52	14	46	30.0	11.5	24	73	15	64	37.5	12.3
R2/32	W4/32	BEDROOM	21	57	13	49	38.1	14.0	21	57	13	49	38.1	14.0
R3/32	W5/32	BEDROOM	14	53	7	45	50.0	15.1	14	53	7	45	50.0	15.1
R4/32	W6/32	DINING	0	15	0	13	-	13.3						
R4/32	W7/32	DINING	23	59	13	46	43.5	22.0	23	59	13	46	43.5	22.0
38 to 48 Coopers Lane														
R1/60	W1/60	ASSUMED_BAT	8	45	4	34	50.0	24.4	8	45	4	34	50.0	24.4
R2/60	W2/60	ASSUMED_BED	10	52	7	42	30.0	19.2						
R2/60	W3/60	ASSUMED_BED	10	50	7	41	30.0	18.0						
R2/60	W4/60	ASSUMED_BED	8	45	5	36	37.5	20.0						
R2/60	W5/60	ASSUMED_BED	9	49	6	40	33.3	18.4	10	52	7	42	30.0	19.2
R3/60	W6/60	ASSUMED_BED	13	56	10	47	23.1	16.1						
R3/60	W7/60	ASSUMED_BED	10	51	7	43	30.0	15.7						
R3/60	W8/60	ASSUMED_BED	12	53	9	46	25.0	13.2						
R3/60	W9/60	ASSUMED_BED	9	50	6	42	33.3	16.0	13	56	10	48	23.1	14.3
R4/60	W10/60	ASSUMED_BAT	13	54	11	49	15.4	9.3	13	54	11	49	15.4	9.3
R6/60	W14/60	ASSUMED_BAT	13	54	10	48	23.1	11.1	13	54	10	48	23.1	11.1

Room	Window	Room Use	Window				Window		Room				Room	
			Existing		Proposed		Winter %Loss	Annual %Loss	Existing		Proposed		Winter %Loss	Annual %Loss
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R7/60	W15/60	ASSUMED_BED	14	57	10	49	28.6	14.0						
R7/60	W16/60	ASSUMED_BED	14	55	10	48	28.6	12.7						
R7/60	W17/60	ASSUMED_BED	12	50	9	44	25.0	12.0						
R7/60	W18/60	ASSUMED_BED	13	53	9	46	30.8	13.2	14	57	10	49	28.6	14.0
R8/60	W19/60	ASSUMED_BED	15	57	9	48	40.0	15.8						
R8/60	W20/60	ASSUMED_BED	13	53	7	44	46.2	17.0						
R8/60	W21/60	ASSUMED_BED	14	54	8	45	42.9	16.7						
R8/60	W22/60	ASSUMED_BED	13	53	7	44	46.2	17.0	15	57	9	48	40.0	15.8
R9/60	W23/60	ASSUMED_BAT	15	55	9	47	40.0	14.5	15	55	9	47	40.0	14.5
R11/60	W27/60	ASSUMED_BAT	15	56	10	50	33.3	10.7	15	56	10	50	33.3	10.7
R12/60	W28/60	ASSUMED_BED	15	57	11	52	26.7	8.8						
R12/60	W29/60	ASSUMED_BED	15	55	11	49	26.7	10.9						
R12/60	W30/60	ASSUMED_BED	14	53	10	47	28.6	11.3						
R12/60	W31/60	ASSUMED_BED	14	54	10	48	28.6	11.1	15	57	11	52	26.7	8.8
R13/60	W32/60	ASSUMED_BED	16	58	13	53	18.8	8.6						
R13/60	W33/60	ASSUMED_BED	14	54	10	48	28.6	11.1						
R13/60	W34/60	ASSUMED_BED	15	55	12	50	20.0	9.1						
R13/60	W35/60	ASSUMED_BED	13	53	10	48	23.1	9.4	16	58	13	53	18.8	8.6
R14/60	W36/60	ASSUMED_BAT	15	56	12	51	20.0	8.9	15	56	12	51	20.0	8.9
R1/61	W1/61	ASSUMED_BAT	10	36	6	27	40.0	25.0	10	36	6	27	40.0	25.0

Room	Window	Room Use	Window				Window		Room				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		
R2/61	W2/61	ASSUMED_BED	10	36	6	27	40.0	25.0						
R2/61	W3/61	ASSUMED_BED	1	20	1	18	0.0	10.0						
R2/61	W4/61	ASSUMED_BED	12	55	9	46	25.0	16.4	12	55	9	47	25.0	14.5
R3/61	W5/61	ASSUMED_BED	13	56	10	49	23.1	12.5						
R3/61	W6/61	ASSUMED_BED	2	18	2	18	0.0	0.0						
R3/61	W7/61	ASSUMED_BED	0	0	0	0	-	-	14	57	11	50	21.4	12.3
R4/61	W8/61	ASSUMED_BAT	3	24	3	24	0.0	0.0	3	24	3	24	0.0	0.0
R5/61	W9/61	ASSUMED_BAT	14	44	9	36	35.7	18.2	14	44	9	36	35.7	18.2
R6/61	W16/61	ASSUMED_BAT	4	24	4	24	0.0	0.0	4	24	4	24	0.0	0.0
R7/61	W10/61	ASSUMED_BED	14	43	9	35	35.7	18.6						
R7/61	W11/61	ASSUMED_BED	3	26	3	24	0.0	7.7						
R7/61	W12/61	ASSUMED_BED	16	59	12	51	25.0	13.6	16	61	12	53	25.0	13.1
R8/61	W13/61	ASSUMED_BED	16	59	10	49	37.5	16.9						
R8/61	W14/61	ASSUMED_BED	2	17	2	17	0.0	0.0						
R8/61	W15/61	ASSUMED_BED	0	0	0	0	-	-	17	60	11	50	35.3	16.7
R9/61	W17/61	ASSUMED_BAT	15	45	10	39	33.3	13.3	15	45	10	39	33.3	13.3
R10/61	W24/61	ASSUMED_BAT	4	24	4	24	0.0	0.0	4	24	4	24	0.0	0.0
R12/61	W18/61	ASSUMED_BED	16	45	11	39	31.3	13.3						
R12/61	W19/61	ASSUMED_BED	3	26	2	24	33.3	7.7						
R12/61	W20/61	ASSUMED_BED	17	59	13	54	23.5	8.5	17	61	13	56	23.5	8.2

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		
R13/61	W21/61	ASSUMED_BED	17	59	14	55	17.6	6.8						
R13/61	W22/61	ASSUMED_BED	1	16	1	16	0.0	0.0						
R13/61	W23/61	ASSUMED_BED	0	0	0	0	-	-	17	59	14	55	17.6	6.8
R1/62	W1/62	ASSUMED	12	50	8	41	33.3	18.0						
R1/62	W2/62	ASSUMED	12	53	9	44	25.0	17.0						
R1/62	W3/62	ASSUMED	9	46	7	38	22.2	17.4						
R1/62	W4/62	ASSUMED	12	54	9	46	25.0	14.8	12	54	9	47	25.0	13.0
R2/62	W5/62	ASSUMED	15	57	11	49	26.7	14.0						
R2/62	W6/62	ASSUMED	16	58	11	49	31.3	15.5						
R2/62	W7/62	ASSUMED	12	49	9	42	25.0	14.3						
R2/62	W8/62	ASSUMED	16	56	12	49	25.0	12.5	16	58	12	51	25.0	12.1
R3/62	W9/62	ASSUMED	10	40	5	33	50.0	17.5						
R3/62	W10/62	ASSUMED	14	55	10	49	28.6	10.9						
R3/62	W11/62	ASSUMED	10	46	6	40	40.0	13.0						
R3/62	W12/62	ASSUMED	14	55	10	49	28.6	10.9	14	55	10	49	28.6	10.9
R4/62	W13/62	ASSUMED	16	58	12	53	25.0	8.6						
R4/62	W14/62	ASSUMED	17	59	13	54	23.5	8.5						
R4/62	W15/62	ASSUMED	12	48	8	43	33.3	10.4						
R4/62	W16/62	ASSUMED	17	57	11	50	35.3	12.3	17	59	13	55	23.5	6.8
R5/62	W17/62	ASSUMED	10	40	6	36	40.0	10.0						
R5/62	W18/62	ASSUMED	16	57	12	51	25.0	10.5						
R5/62	W19/62	ASSUMED	10	46	6	41	40.0	10.9						
R5/62	W20/62	ASSUMED	16	57	11	50	31.3	12.3	16	57	12	52	25.0	8.8

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		
R6/62	W21/62	ASSUMED	18	60	13	53	27.8	11.7						
R6/62	W22/62	ASSUMED	18	60	14	54	22.2	10.0						
R6/62	W23/62	ASSUMED	14	50	10	45	28.6	10.0						
R6/62	W24/62	ASSUMED	20	60	15	53	25.0	11.7	20	62	16	56	20.0	9.7
R1/63	W1/63	ASSUMED	13	61	9	52	30.8	14.8						
R1/63	W2/63	ASSUMED	16	52	12	43	25.0	17.3	16	83	12	75	25.0	9.6
R2/63	W3/63	ASSUMED	16	52	11	43	31.3	17.3	16	52	11	43	31.3	17.3
R3/63	W4/63	ASSUMED	15	51	10	43	33.3	15.7	15	51	10	43	33.3	15.7
R4/63	W5/63	ASSUMED	15	51	11	45	26.7	11.8						
R4/63	W6/63	ASSUMED	2	17	2	17	0.0	0.0	15	51	11	45	26.7	11.8
R5/63	W7/63	ASSUMED	14	48	10	42	28.6	12.5						
R5/63	W8/63	ASSUMED	19	55	14	48	26.3	12.7	19	72	15	66	21.1	8.3
R6/63	W9/63	ASSUMED	17	53	13	47	23.5	11.3	17	53	13	47	23.5	11.3
R7/63	W10/63	ASSUMED	15	51	11	46	26.7	9.8	15	51	11	46	26.7	9.8
R8/63	W11/63	ASSUMED	16	52	10	45	37.5	13.5						
R8/63	W12/63	ASSUMED	2	17	2	17	0.0	0.0	16	52	10	45	37.5	13.5
R9/63	W13/63	ASSUMED	14	48	8	41	42.9	14.6						
R9/63	W14/63	ASSUMED	19	55	14	49	26.3	10.9	19	72	14	66	26.3	8.3

Room	Window	Room Use	Window						Room					
			Existing		Proposed		Winter %Loss	Annual %Loss	Existing		Proposed		Winter %Loss	Annual %Loss
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R10/63	W15/63	ASSUMED	17	53	13	48	23.5	9.4	17	53	13	48	23.5	9.4
R11/63	W16/63	ASSUMED	18	54	14	49	22.2	9.3	18	54	14	49	22.2	9.3
R12/63	W17/63	ASSUMED	20	56	15	49	25.0	12.5						
R12/63	W18/63	ASSUMED	2	17	2	17	0.0	0.0	20	56	15	50	25.0	10.7
47 to 53 Coopers Lane														
R1/70	W1/70	LIVINGROOM	21	61	16	56	23.8	8.2						
R1/70	W2/70	LIVINGROOM	22	62	17	57	22.7	8.1						
R1/70	W3/70	LIVINGROOM	21	61	17	57	19.0	6.6	22	62	17	57	22.7	8.1
R3/70	W6/70	WC	23	61	17	55	26.1	9.8	23	61	17	55	26.1	9.8
R4/70	W10/70	LIVINGROOM	23	61	17	55	26.1	9.8	23	61	17	55	26.1	9.8
R6/70	W7/70	WC	23	61	17	55	26.1	9.8	23	61	17	55	26.1	9.8
R1/71	W1/71	BEDROOM	25	67	19	61	24.0	9.0	25	67	19	61	24.0	9.0
R2/71	W2/71	BEDROOM	24	65	19	60	20.8	7.7	24	65	19	60	20.8	7.7
R3/71	W3/71	BATHROOM	23	65	18	60	21.7	7.7	23	65	18	60	21.7	7.7
R4/71	W4/71	BATHROOM	23	65	18	60	21.7	7.7	23	65	18	60	21.7	7.7
R5/71	W5/71	BEDROOM	23	63	18	58	21.7	7.9	23	63	18	58	21.7	7.9

Room	Window	Room Use	Window				Window		Room				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		
R6/71	W6/71	BEDROOM	23	64	19	60	17.4	6.3	23	64	19	60	17.4	6.3
R1/72	W1/72	ASSUMED	26	76	25	75	3.8	1.3						
R1/72	W2/72	ASSUMED	25	64	21	60	16.0	6.3						
R1/72	W3/72	ASSUMED	3	19	3	19	0.0	0.0	30	99	29	98	3.3	1.0
R2/72	W4/72	ASSUMED	13	53	11	51	15.4	3.8	13	53	11	51	15.4	3.8
R3/72	W5/72	ASSUMED	22	60	19	57	13.6	5.0	22	60	19	57	13.6	5.0
R4/72	W6/72	ASSUMED	23	52	21	50	8.7	3.8						
R4/72	W7/72	ASSUMED	23	61	20	58	13.0	4.9	25	75	23	73	8.0	2.7
55 to 61 Coopers Lane														
R5/70	W11/70	LIVINGROOM	22	60	18	56	18.2	6.7						
R5/70	W12/70	LIVINGROOM	23	61	18	56	21.7	8.2						
R5/70	W13/70	LIVINGROOM	22	60	18	56	18.2	6.7	23	61	18	56	21.7	8.2
R8/70	W20/70	LIVINGROOM	18	56	14	52	22.2	7.1						
R8/70	W21/70	LIVINGROOM	18	57	14	53	22.2	7.0						
R8/70	W22/70	LIVINGROOM	19	58	15	54	21.1	6.9	19	58	15	54	21.1	6.9
R10/70	W16/70	WC	21	59	17	55	19.0	6.8	21	59	17	55	19.0	6.8
R11/70	W17/70	WC	20	59	16	55	20.0	6.8	20	59	16	55	20.0	6.8
R7/71	W7/71	BEDROOM	23	64	18	59	21.7	7.8	23	64	18	59	21.7	7.8

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		
R8/71	W8/71	BEDROOM	22	64	18	60	18.2	6.3	22	64	18	60	18.2	6.3
R9/71	W9/71	BATHROOM	22	64	18	60	18.2	6.3	22	64	18	60	18.2	6.3
R10/71	W10/71	BATHROOM	21	63	17	59	19.0	6.3	21	63	17	59	19.0	6.3
R11/71	W11/71	BEDROOM	20	62	16	58	20.0	6.5	20	62	16	58	20.0	6.5
R12/71	W12/71	BEDROOM	20	61	18	59	10.0	3.3	20	61	18	59	10.0	3.3
R5/72	W8/72	ASSUMED	22	61	19	58	13.6	4.9						
R5/72	W9/72	ASSUMED	1	17	1	17	0.0	0.0	22	61	19	58	13.6	4.9
R6/72	W10/72	ASSUMED	12	52	12	52	0.0	0.0	12	52	12	52	0.0	0.0
R7/72	W11/72	ASSUMED	21	59	20	58	4.8	1.7	21	59	20	58	4.8	1.7
R8/72	W12/72	ASSUMED	22	51	20	49	9.1	3.9						
R8/72	W13/72	ASSUMED	21	59	19	57	9.5	3.4	23	73	21	71	8.7	2.7
3 - 5 Hampden Close														
R1/101	W1/101	ASSUMED	25	50	15	40	40.0	20.0						
R1/101	W2/101	ASSUMED	24	45	14	35	41.7	22.2						
R1/101	W3/101	ASSUMED	10	34	6	30	40.0	11.8	25	54	15	44	40.0	18.5
R2/101	W4/101	ASSUMED	19	56	14	51	26.3	8.9	19	56	14	51	26.3	8.9
R3/101	W5/101	ASSUMED	23	65	16	58	30.4	10.8	23	65	16	58	30.4	10.8

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		
R1/102	W1/102	ASSUMED	25	50	19	44	24.0	12.0						
R1/102	W2/102	ASSUMED	24	45	18	39	25.0	13.3						
R1/102	W3/102	ASSUMED	10	34	8	32	20.0	5.9	25	54	19	48	24.0	11.1
R2/102	W4/102	ASSUMED	19	62	16	59	15.8	4.8	19	62	16	59	15.8	4.8
R3/102	W5/102	ASSUMED	24	68	20	64	16.7	5.9	24	68	20	64	16.7	5.9
R1/103	W1/103	ASSUMED	25	69	21	65	16.0	5.8						
R1/103	W2/103	ASSUMED	25	67	21	63	16.0	6.0						
R1/103	W3/103	ASSUMED	25	67	20	62	20.0	7.5	25	69	21	65	16.0	5.8
R2/103	W4/103	ASSUMED	24	66	21	63	12.5	4.5	24	66	21	63	12.5	4.5
R3/103	W5/103	ASSUMED	24	66	22	64	8.3	3.0	24	66	22	64	8.3	3.0
8 Hampden Close														
R1/40	W1/40	ASSUMED	3	16	1	14	66.7	12.5						
R1/40	W2/40	ASSUMED	10	25	6	21	40.0	16.0	13	41	7	35	46.2	14.6
R2/40	W3/40	ASSUMED	22	57	10	44	54.5	22.8	22	57	10	44	54.5	22.8
R3/40	W4/40	ASSUMED	20	60	8	46	60.0	23.3	20	60	8	46	60.0	23.3
R4/40	W5/40	ASSUMED	21	64	7	45	66.7	29.7						
R4/40	W6/40	ASSUMED	21	64	7	45	66.7	29.7						
R4/40	W7/40	ASSUMED	22	65	8	48	63.6	26.2	23	67	8	49	65.2	26.9

Room	Window	Room Use	Window				Window		Room				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		
R5/40	W8/40	ASSUMED	21	65	7	43	66.7	33.8						
R5/40	W9/40	ASSUMED	11	55	7	42	36.4	23.6						
R5/40	W10/40	ASSUMED	23	67	7	44	69.6	34.3	23	68	7	44	69.6	35.3
R6/40	W11/40	ASSUMED	21	66	7	39	66.7	40.9						
R6/40	W12/40	ASSUMED	20	65	5	37	75.0	43.1						
R6/40	W13/40	ASSUMED	21	67	5	39	76.2	41.8						
R6/40	W14/40	ASSUMED	20	66	5	37	75.0	43.9	21	68	7	41	66.7	39.7
R7/40	W15/40	ASSUMED	14	57	4	34	71.4	40.4						
R7/40	W16/40	ASSUMED	13	56	3	34	76.9	39.3						
R7/40	W17/40	ASSUMED	18	66	4	36	77.8	45.5	18	66	4	36	77.8	45.5
R1/41	W1/41	ASSUMED	22	61	12	51	45.5	16.4	22	61	12	51	45.5	16.4
R2/41	W2/41	ASSUMED	22	62	11	50	50.0	19.4	22	62	11	50	50.0	19.4
R3/41	W3/41	ASSUMED	23	65	10	51	56.5	21.5	23	65	10	51	56.5	21.5
R4/41	W4/41	ASSUMED	22	64	9	50	59.1	21.9	22	64	9	50	59.1	21.9
R5/41	W5/41	ASSUMED	22	66	9	50	59.1	24.2	22	66	9	50	59.1	24.2
R6/41	W6/41	ASSUMED	23	68	7	47	69.6	30.9	23	68	7	47	69.6	30.9
R7/41	W7/41	ASSUMED	24	68	8	46	66.7	32.4	24	68	8	46	66.7	32.4
R8/41	W8/41	ASSUMED	25	71	7	44	72.0	38.0	25	71	7	44	72.0	38.0

Room	Window	Room Use	Window				Window		Room				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		
R9/41	W9/41	ASSUMED	25	71	6	40	76.0	43.7	25	71	6	40	76.0	43.7
1 to 46 Clyde Court														
R1/100	W1/100	ASSUMED	24	66	16	58	33.3	12.1	24	66	16	58	33.3	12.1
R2/100	W2/100	ASSUMED	23	65	16	58	30.4	10.8	23	65	16	58	30.4	10.8
R3/100	W3/100	ASSUMED	23	56	17	50	26.1	10.7						
R3/100	W4/100	ASSUMED	21	56	17	52	19.0	7.1						
R3/100	W5/100	ASSUMED	1	1	0	0	100.0	100.0						
R3/100	W6/100	ASSUMED	22	39	17	34	22.7	12.8	23	65	17	59	26.1	9.2
R5/100	W9/100	ASSUMED	4	22	4	22	0.0	0.0						
R5/100	W10/100	ASSUMED	6	28	5	27	16.7	3.6						
R5/100	W11/100	ASSUMED	1	1	0	0	100.0	100.0						
R5/100	W12/100	ASSUMED	9	30	7	28	22.2	6.7	12	36	10	34	16.7	5.6
R6/100	W13/100	ASSUMED	17	51	14	48	17.6	5.9	17	51	14	48	17.6	5.9
R7/100	W14/100	ASSUMED	19	56	16	53	15.8	5.4	19	56	16	53	15.8	5.4
R8/100	W15/100	ASSUMED	21	60	18	57	14.3	5.0	21	60	18	57	14.3	5.0
R9/100	W16/100	ASSUMED	22	62	20	60	9.1	3.2	22	62	20	60	9.1	3.2
R10/100	W17/100	ASSUMED	21	51	19	49	9.5	3.9						
R10/100	W18/100	ASSUMED	20	52	20	52	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		
R10/100	W19/100	ASSUMED	1	1	0	0	100.0	100.0						
R10/100	W20/100	ASSUMED	21	37	20	36	4.8	2.7	22	61	20	59	9.1	3.3
R4/101	W6/101	ASSUMED	24	68	18	62	25.0	8.8	24	68	18	62	25.0	8.8
R5/101	W7/101	ASSUMED	24	68	18	62	25.0	8.8	24	68	18	62	25.0	8.8
R6/101	W8/101	ASSUMED	24	59	19	54	20.8	8.5						
R6/101	W9/101	ASSUMED	23	52	19	48	17.4	7.7						
R6/101	W10/101	ASSUMED	23	43	19	39	17.4	9.3	24	67	19	62	20.8	7.5
R8/101	W13/101	ASSUMED	14	33	11	30	21.4	9.1						
R8/101	W14/101	ASSUMED	15	34	12	31	20.0	8.8						
R8/101	W15/101	ASSUMED	10	33	8	31	20.0	6.1	15	39	13	37	13.3	5.1
R9/101	W16/101	ASSUMED	18	54	16	52	11.1	3.7	18	54	16	52	11.1	3.7
R10/101	W17/101	ASSUMED	19	60	17	58	10.5	3.3	19	60	17	58	10.5	3.3
R11/101	W18/101	ASSUMED	22	64	21	63	4.5	1.6	22	64	21	63	4.5	1.6
R12/101	W19/101	ASSUMED	23	65	22	64	4.3	1.5	23	65	22	64	4.3	1.5
R13/101	W20/101	ASSUMED	22	55	21	54	4.5	1.8						
R13/101	W21/101	ASSUMED	22	50	21	49	4.5	2.0						
R13/101	W22/101	ASSUMED	22	41	21	40	4.5	2.4	22	63	21	62	4.5	1.6
R4/102	W6/102	ASSUMED	25	69	20	64	20.0	7.2	25	69	20	64	20.0	7.2

Room	Window	Room Use	Window				Window		Room				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		
R5/102	W7/102	ASSUMED	25	69	21	65	16.0	5.8	25	69	21	65	16.0	5.8
R6/102	W8/102	ASSUMED	25	60	21	56	16.0	6.7						
R6/102	W9/102	ASSUMED	25	56	21	52	16.0	7.1						
R6/102	W10/102	ASSUMED	25	47	22	44	12.0	6.4	25	68	22	65	12.0	4.4
R8/102	W13/102	ASSUMED	14	35	13	34	7.1	2.9						
R8/102	W14/102	ASSUMED	15	36	14	35	6.7	2.8						
R8/102	W15/102	ASSUMED	10	34	9	33	10.0	2.9	15	40	14	39	6.7	2.5
R9/102	W16/102	ASSUMED	19	62	18	61	5.3	1.6	19	62	18	61	5.3	1.6
R10/102	W17/102	ASSUMED	23	67	22	66	4.3	1.5	23	67	22	66	4.3	1.5
R11/102	W18/102	ASSUMED	24	68	23	67	4.2	1.5	24	68	23	67	4.2	1.5
R12/102	W19/102	ASSUMED	23	67	22	66	4.3	1.5	23	67	22	66	4.3	1.5
R13/102	W20/102	ASSUMED	24	59	23	58	4.2	1.7						
R13/102	W21/102	ASSUMED	24	54	23	53	4.2	1.9						
R13/102	W22/102	ASSUMED	24	45	23	44	4.2	2.2	24	67	23	66	4.2	1.5
R4/103	W6/103	ASSUMED	24	66	23	65	4.2	1.5	24	66	23	65	4.2	1.5
R5/103	W7/103	ASSUMED	24	66	23	65	4.2	1.5	24	66	23	65	4.2	1.5
R6/103	W8/103	ASSUMED	24	66	23	65	4.2	1.5						
R6/103	W9/103	ASSUMED	25	67	23	65	8.0	3.0						
R6/103	W10/103	ASSUMED	25	67	23	65	8.0	3.0	25	67	23	65	8.0	3.0

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		
R8/103	W14/103	ASSUMED	16	58	15	57	6.3	1.7						
R8/103	W15/103	ASSUMED	21	63	20	62	4.8	1.6	21	63	20	62	4.8	1.6
R9/103	W16/103	ASSUMED	24	66	23	65	4.2	1.5	24	66	23	65	4.2	1.5
R10/103	W17/103	ASSUMED	24	66	23	65	4.2	1.5	24	66	23	65	4.2	1.5
R11/103	W18/103	ASSUMED	24	66	23	65	4.2	1.5	24	66	23	65	4.2	1.5
R12/103	W19/103	ASSUMED	24	66	23	65	4.2	1.5	24	66	23	65	4.2	1.5
R13/103	W20/103	ASSUMED	24	66	24	66	0.0	0.0						
R13/103	W21/103	ASSUMED	25	67	24	66	4.0	1.5						
R13/103	W22/103	ASSUMED	25	67	24	66	4.0	1.5	25	67	24	66	4.0	1.5
21 to 29 Somers Close														
R1/120	W1/120	ASSUMED_LIV	25	74	15	62	40.0	16.2						
R1/120	W2/120	ASSUMED_LIV	26	81	15	68	42.3	16.0						
R1/120	W3/120	ASSUMED_LIV	24	71	11	55	54.2	22.5	26	81	16	69	38.5	14.8
R2/120	W4/120	ASSUMED_KD	26	81	13	65	50.0	19.8	26	81	13	65	50.0	19.8
R4/120	W6/120	ASSUMED_KD	24	69	15	60	37.5	13.0	24	69	15	60	37.5	13.0
R5/120	W7/120	ASSUMED_LIV	21	73	12	64	42.9	12.3						
R5/120	W8/120	ASSUMED_LIV	15	60	6	51	60.0	15.0						
R5/120	W9/120	ASSUMED_LIV	15	58	7	50	53.3	13.8	21	73	12	64	42.9	12.3

Room	Window	Room Use	Window				Window		Room				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		
R1/121	W1/121	ASSUMED_LIV	28	84	23	79	17.9	6.0						
R1/121	W2/121	ASSUMED_LIV	28	84	21	77	25.0	8.3						
R1/121	W3/121	ASSUMED_LIV	28	84	20	76	28.6	9.5	28	84	23	79	17.9	6.0
R2/121	W4/121	ASSUMED_KD	27	83	21	77	22.2	7.2	27	83	21	77	22.2	7.2
R4/121	W5/121	ASSUMED_KD	26	76	23	73	11.5	3.9	26	76	23	73	11.5	3.9
R5/121	W6/121	ASSUMED_LIV	26	80	21	75	19.2	6.3						
R5/121	W7/121	ASSUMED_LIV	26	80	20	74	23.1	7.5						
R5/121	W8/121	ASSUMED_LIV	26	80	21	75	19.2	6.3	26	80	21	75	19.2	6.3
R1/122	W1/122	ASSUMED_LIV	28	84	27	83	3.6	1.2						
R1/122	W2/122	ASSUMED_LIV	28	84	26	82	7.1	2.4						
R1/122	W3/122	ASSUMED_LIV	28	84	26	82	7.1	2.4	28	84	27	83	3.6	1.2
R2/122	W4/122	ASSUMED_KD	28	84	26	82	7.1	2.4	28	84	26	82	7.1	2.4
R4/122	W5/122	ASSUMED_KD	27	77	26	76	3.7	1.3	27	77	26	76	3.7	1.3
R5/122	W6/122	ASSUMED_LIV	27	81	26	80	3.7	1.2						
R5/122	W7/122	ASSUMED_LIV	26	80	25	79	3.8	1.3						
R5/122	W8/122	ASSUMED_LIV	27	81	26	80	3.7	1.2	27	81	26	80	3.7	1.2
R1/130	W1/130	ASSUMED	24	67	16	59	33.3	11.9	24	67	16	59	33.3	11.9
R1/131	W1/131	ASSUMED	26	77	22	73	15.4	5.2	26	77	22	73	15.4	5.2

Room	Window	Room Use	Window				Window		Room				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		
R1/132	W1/132	ASSUMED_BAT	27	78	26	77	3.7	1.3	27	78	26	77	3.7	1.3
16 to 19 Somers Close														
R2/130	W2/130	ASSUMED	26	73	16	63	38.5	13.7						
R2/130	W3/130	ASSUMED	25	78	17	70	32.0	10.3						
R2/130	W4/130	ASSUMED	12	56	5	49	58.3	12.5	26	79	18	71	30.8	10.1
R3/130	W5/130	ASSUMED	26	75	17	66	34.6	12.0						
R3/130	W6/130	ASSUMED	19	58	11	50	42.1	13.8						
R3/130	W7/130	ASSUMED	23	71	15	63	34.8	11.3	26	76	18	68	30.8	10.5
R4/130	W8/130	ASSUMED	19	60	12	53	36.8	11.7	19	60	12	53	36.8	11.7
R5/130	W9/130	ASSUMED	26	79	16	69	38.5	12.7	26	79	16	69	38.5	12.7
R6/130	W10/130	ASSUMED	26	78	16	68	38.5	12.8						
R6/130	W11/130	ASSUMED	21	73	14	66	33.3	9.6						
R6/130	W12/130	ASSUMED	12	51	5	43	58.3	15.7	26	78	17	69	34.6	11.5
R7/130	W13/130	ASSUMED	24	71	18	65	25.0	8.5						
R7/130	W14/130	ASSUMED	18	54	15	50	16.7	7.4						
R7/130	W15/130	ASSUMED	24	73	19	68	20.8	6.8	25	76	19	70	24.0	7.9
R8/130	W16/130	ASSUMED	22	68	16	62	27.3	8.8	22	68	16	62	27.3	8.8
R1/131	W2/131	ASSUMED	26	79	23	76	11.5	3.8	26	79	23	76	11.5	3.8
R2/131	W3/131	ASSUMED	26	76	22	72	15.4	5.3						

Room	Window	Room Use	Window						Room					
			Existing		Proposed		Winter %Loss	Annual %Loss	Existing		Proposed		Winter %Loss	Annual %Loss
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R1/140	W2/140	ASSUMED	23	68	18	62	21.7	8.8						
R1/140	W3/140	ASSUMED	20	59	18	56	10.0	5.1	23	68	18	62	21.7	8.8
R2/140	W4/140	ASSUMED	14	50	12	47	14.3	6.0	14	50	12	47	14.3	6.0
R3/140	W5/140	ASSUMED	25	75	20	68	20.0	9.3	25	75	20	68	20.0	9.3
R4/140	W6/140	ASSUMED	24	78	19	71	20.8	9.0						
R4/140	W7/140	ASSUMED	18	72	17	69	5.6	4.2						
R4/140	W8/140	ASSUMED	23	77	19	71	17.4	7.8	24	78	19	71	20.8	9.0
R1/141	W2/141	ASSUMED	23	69	19	65	17.4	5.8						
R1/141	W3/141	ASSUMED	23	68	19	63	17.4	7.4	23	69	19	65	17.4	5.8
R2/141	W4/141	ASSUMED	15	51	13	49	13.3	3.9	15	51	13	49	13.3	3.9
R3/141	W5/141	ASSUMED	26	80	22	75	15.4	6.3	26	80	22	75	15.4	6.3
R4/141	W6/141	ASSUMED	25	79	21	74	16.0	6.3						
R4/141	W7/141	ASSUMED	25	79	20	73	20.0	7.6						
R4/141	W8/141	ASSUMED	24	78	21	74	12.5	5.1	25	79	21	74	16.0	6.3
R1/142	W2/142	ASSUMED	23	76	20	73	13.0	3.9						
R1/142	W3/142	ASSUMED	23	73	20	70	13.0	4.1	23	76	20	73	13.0	3.9
R2/142	W4/142	ASSUMED	15	52	14	51	6.7	1.9	15	52	14	51	6.7	1.9
R3/142	W5/142	ASSUMED	26	80	23	77	11.5	3.8	26	80	23	77	11.5	3.8

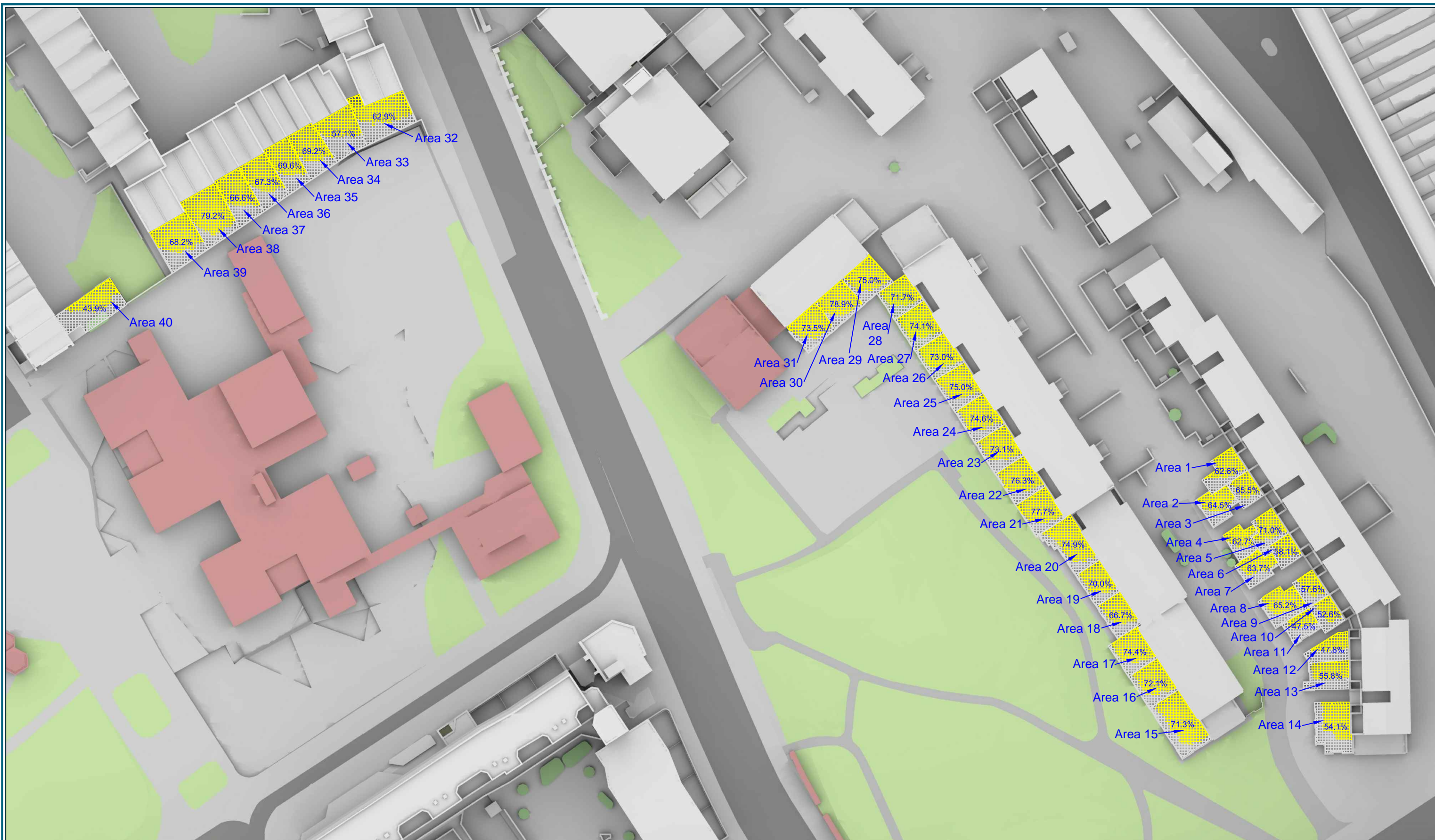
Room	Window	Room Use	Window						Room					
			Existing		Proposed		Winter %Loss	Annual %Loss	Existing		Proposed		Winter %Loss	Annual %Loss
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R4/142	W6/142	ASSUMED	26	80	23	77	11.5	3.8						
R4/142	W7/142	ASSUMED	26	80	22	76	15.4	5.0						
R4/142	W8/142	ASSUMED	25	79	23	77	8.0	2.5	26	80	23	77	11.5	3.8
1 to 3 Charrington Street														
R1/149	W1/149	ASSUMED	7	44	3	40	57.1	9.1	7	44	3	40	57.1	9.1
R2/149	W2/149	ASSUMED	7	44	5	42	28.6	4.5	7	44	5	42	28.6	4.5
R4/150	W4/150	ASSUMED	23	66	16	59	30.4	10.6	23	66	16	59	30.4	10.6
R6/150	W6/150	ASSUMED	22	64	15	57	31.8	10.9	22	64	15	57	31.8	10.9
R3/151	W3/151	ASSUMED	24	67	18	61	25.0	9.0	24	67	18	61	25.0	9.0
R4/151	W4/151	ASSUMED	24	67	18	61	25.0	9.0	24	67	18	61	25.0	9.0
R5/151	W5/151	ASSUMED	24	66	19	61	20.8	7.6	24	66	19	61	20.8	7.6
R6/151	W6/151	ASSUMED	24	67	21	64	12.5	4.5	24	67	21	64	12.5	4.5
R3/152	W3/152	ASSUMED	24	67	19	62	20.8	7.5	24	67	19	62	20.8	7.5
R4/152	W4/152	ASSUMED	24	67	19	62	20.8	7.5	24	67	19	62	20.8	7.5
R5/152	W5/152	ASSUMED	24	66	21	63	12.5	4.5	24	66	21	63	12.5	4.5

Room	Window	Room Use	Window						Room					
			Existing		Proposed		Winter %Loss	Annual %Loss	Existing		Proposed		Winter %Loss	Annual %Loss
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R6/152	W6/152	ASSUMED	24	67	21	64	12.5	4.5	24	67	21	64	12.5	4.5
130 Chalton Street (PH)														
R3/171	W3/171	KITCHEN	5	32	2	18	60.0	43.8						
R3/171	W4/171	KITCHEN	5	32	2	16	60.0	50.0						
R3/171	W5/171	KITCHEN	5	32	2	15	60.0	53.1						
R3/171	W6/171	KITCHEN	24	77	11	38	54.2	50.6	24	77	13	50	45.8	35.1
R4/171	W7/171	BEDROOM	24	77	15	42	37.5	45.5						
R4/171	W8/171	BEDROOM	23	76	15	41	34.8	46.1						
R4/171	W9/171	BEDROOM	17	52	17	52	0.0	0.0	24	86	19	59	20.8	31.4
R4/172	W5/172	KITCHEN	27	79	14	43	48.1	45.6	27	79	14	43	48.1	45.6
R5/172	W6/172	BEDROOM	27	79	18	46	33.3	41.8	27	79	18	46	33.3	41.8
R6/172	W7/172	BEDROOM	27	80	19	47	29.6	41.3						
R6/172	W8/172	BEDROOM	20	58	20	58	0.0	0.0						
R6/172	W9/172	BEDROOM	20	59	20	59	0.0	0.0	27	93	22	64	18.5	31.2
R3/173	W3/173	LKD	28	81	18	60	35.7	25.9						
R3/173	W4/173	LKD	21	60	21	60	0.0	0.0	28	95	22	79	21.4	16.8
117 St. Anthony's Flats														
R1/190	W1/190	ASSUMED	4	28	3	15	25.0	46.4						
R1/190	W2/190	ASSUMED	4	31	3	17	25.0	45.2	4	31	3	17	25.0	45.2

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		
R1/191	W1/191	ASSUMED	0	1	0	0	-	100.0						
R1/191	W2/191	ASSUMED	5	29	3	20	40.0	31.0						
R1/191	W3/191	ASSUMED	5	31	3	19	40.0	38.7	5	31	3	21	40.0	32.3
R2/191	W4/191	ASSUMED	5	31	3	19	40.0	38.7						
R2/191	W5/191	ASSUMED	10	48	10	37	0.0	22.9	11	49	11	39	0.0	20.4
R1/192	W1/192	ASSUMED	0	4	0	3	-	25.0						
R1/192	W2/192	ASSUMED	5	31	3	25	40.0	19.4						
R1/192	W3/192	ASSUMED	5	31	3	23	40.0	25.8	5	31	3	25	40.0	19.4
R2/192	W4/192	ASSUMED	5	31	3	21	40.0	32.3						
R2/192	W5/192	ASSUMED	19	71	19	61	0.0	14.1	20	72	20	64	0.0	11.1
R1/193	W1/193	ASSUMED	0	4	0	3	-	25.0						
R1/193	W2/193	ASSUMED	6	30	4	25	33.3	16.7						
R1/193	W3/193	ASSUMED	6	32	4	25	33.3	21.9	6	32	4	27	33.3	15.6
R2/193	W4/193	ASSUMED	6	26	4	19	33.3	26.9						
R2/193	W5/193	ASSUMED	22	68	22	61	0.0	10.3	24	70	24	65	0.0	7.1
R2/194	W2/194	ASSUMED	6	33	5	29	16.7	12.1						
R2/194	W3/194	ASSUMED	28	82	28	80	0.0	2.4	28	82	28	81	0.0	1.2

Appendix 5

Address	Area No. (See Reference Plan)	% Area of space that can receive 2 hours of sunlight on 21 March		Reduction (%)
		Existing	Proposed	
38-48 Coopers Lane	1	62.6	62.6	0.0%
	2	64.5	61.1	5.3%
	3	65.5	62.3	4.9%
	4	62.7	56.5	9.9%
	5	71	67.5	4.9%
	6	58.1	53.7	7.6%
	7	63.7	56.6	11.1%
	8	65.2	57.3	12.1%
	9	57.6	54.2	5.9%
	10	52.6	48	8.7%
	11	47.5	39.2	17.5%
2-12 Coopers Lane	12	47.8	44.2	7.5%
	13	55.8	53.7	3.8%
	14	54.1	22.4	58.6%
1-5 Coopers Lane	15	71.3	36.5	48.8%
	16	72.1	52.6	27.0%
	17	74.4	59.7	19.8%
7-11 Coopers Lane	18	66.7	49.5	25.8%
	19	70	57	18.6%
	20	74.9	64.5	13.9%
13-19 Coopers Lane	21	77.7	68.4	12.0%
	22	76.3	55.6	27.1%
21-27 Coopers Lane	23	73.1	53.3	27.1%
	24	74.6	50.9	31.8%
29-35 Coopers Lane	25	75	34.4	54.1%
	26	73	55.6	23.8%
37-43 Coopers Lane	27	74.1	67.2	9.3%
	28	71.7	61.5	14.2%
	29	75	63.7	15.1%
8 Hampden Close	30	78.9	61.1	22.6%
	31	73.5	49.6	32.5%
	32	62.9	49.6	21.1%
21-29 Somers Close	33	57.1	39.5	30.8%
	34	69.2	43.6	37.0%
16-19 Somers Close	35	69.6	36.6	47.4%
	36	67.3	38.3	43.1%
	37	66.6	48.9	26.6%
8-15 Somers Close	38	79.2	75.3	4.9%
	39	68.2	65.4	4.1%
1 Charrington Street	40	43.9	25.2	42.6%



Sources: POINT2SURVEYORS LTD
 Site Survey
 Site Photography

 DSDHA
 Proposed Received 27 Oct 2015

 Z-MAPPING


Key:

— Existing

■ AREA RECEIVING LESS THAN 2 HOURS OF DIRECT SUNLIGHT

■ AREA RECEIVING 2 HOURS OR MORE OF DIRECT SUNLIGHT

% OF REGION IN MORE THAN 2 HOURS OF DIRECT SUNLIGHT



Project: Somers Town
 Camden, London

Title: Site Plan
 Existing Condition
 BRE 2hr Sunlight Test-March 21st

Point 2 Surveyors Ltd,
 3rd Floor,
 17 Slingsby Place,
 London WC2E 9AB,
 0207 836 5828
 www.point2surveyors.com

Drawn By: AJC Scale: NTS Date: NOV 15

Dwg No: **P408/S/01**





Sources: POINT2SURVEYORS LTD
 Site Survey
 Site Photography

 DSDHA
 Proposed Received 27 Oct 2015

 Z-MAPPING

Key:

— Proposed

■ AREA RECEIVING LESS THAN 2 HOURS OF DIRECT SUNLIGHT

■ AREA RECEIVING 2 HOURS OR MORE OF DIRECT SUNLIGHT

% OF REGION IN MORE THAN 2 HOURS OF DIRECT SUNLIGHT

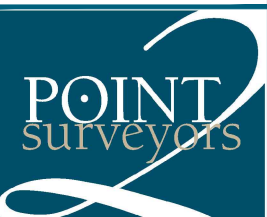


Project: Somers Town
 Camden, London

Title: Site Plan

 Proposed Condition
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Drawn By: AJC

Scale: NTS

Date: NOV 15

Dwg No: **P408/S/02**