Proximity

Daylight & Sunlight Amenity Impact Assessment Report

Plot 10A
First Street
Manchester

Project Particulars

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1.0 Executive Summary

1.1.1 Ask Real Estate Ltd has developed a proposal for the residential redevelopment of Plot 10a of the First Street Masterplan. Plot 10a is an open parcel of land bound by River Street to the north, development Plot 10b to the east, Hulme Street to the south, and Medlock Street to the west.

1.1.2 Proximity is appointed to evaluate the daylight and sunlight amenity impact of the Proposed Development on the surrounding built environment. This Report confirms our assessment methodology, findings and opinions.

1.1.3 Our daylight and sunlight amenity impact assessment revolves around the provisions of the Building Research Establishment's ("BRE") Site Layout Planning for Daylight and Sunlight: A Guide to Good Practice. The Guide provides an objective means for evaluating daylight and sunlight amenity impacts in the built environment.

1.1.4 The Site facing windows of the habitable rooms within the following neighbouring buildings are identified as key receptors and have been daylight and sunlight amenity impact appraised:

> Macintosh Mill, Cambridge Street
> Cambridge Mill, Cambridge Street
> Chorlton Mill, Cambridge Street
> City South apartments, City Road East
> The Site facing parts of the Plot 11 First Street Development
> The Site facing windows of the Manchester Student Village development, Cambridge Street

1.1.5 The following external amenity spaces have been sunlight amenity impact appraised:

> Sunken Garden to Macintosh Mill
> James Grigor Square

1.1.6 This Report also documents the cumulative daylight and sunlight impact, acknowledging the massing of certain neighbouring developments in the vicinity of the Site

<u>Baseline vs Proposed Daylight Amenity Impact</u>

1.1.7 The Proposed Development will have a non-significant impact on the daylight amenity of Chorlton Mill, Cambridge Mill, Manchester Student Village and City South Apartments.

1.1.8 The Proposed Development will have an adverse impact on the daylight amenity of certain habitable rooms within Macintosh Mill and Plot 11 First Street.

1.1.9 Notwithstanding, impacts on the daylight amenity of these buildings is considered appropriate and balanced for the following reasons:

- The Plot 10a Site is currently an open parcel of land. Development of this land in accordance with local planning policy – which envisages an uplift in density – will ordinarily result in impacts on daylight amenity of neighbouring receptors.
- Significant adverse impacts on daylight amenity account for a minority of rooms within each of these neighbouring buildings.
- The majority of windows and rooms of Macintosh Mill do not achieve the BRE targets in the baseline condition, and in this regard are limited in their capacity for providing daylight amenity.
- Impacts on daylight amenity of these neighbouring buildings is considered appropriate and balanced, given the City Centre location and the uplift in massing – compared to the open site of the baseline - envisioned by Council planning policy.

Baseline vs Proposed Sunlight Amenity Impact

1.1.10 The Proposed Development will have a non-significant impact on the sunlight amenity of Chorlton Mill, Cambridge Mill, Manchester Student Village, Plot 11 First Street, City South Apartments, and the external amenity areas of Macintosh Mill and James Grigor Square.

1.1.11 Rooms within Macintosh Mill would experience measured reductions in sunlight amenity. Notwithstanding:

- 35% will continue to achieve both the BRE's annual and winter sunlight targets (or experience negligible reductions in sunlight amenity unlikely to be noticeable to room occupants);
- Of the remainder 38% will achieve the Annual sunlight targets; and a further 16% would achieve annual sunlight values that are considered to be within an acceptable tolerance of the targets.

- A minority of rooms (3 bedrooms and 1 LKD; part of an estimated three or four apartments) achieve neither annual nor winter sunlight targets.

1.1.12 Overall, the impact of the Proposed Development on the sunlight amenity is considered to be appropriate and balanced, given the City Centre location and uplift in density envisaged by planning policy.

Baseline vs Proposed + Cumulative - Daylight Amenity Impact

1.1.13 In the 10a + Cumulative condition, there are negligible and non-significant cumulative impacts on the daylight amenity of Macintosh Mill, Cambridge Mill, Manchester Student Village and Plot 11 First Street.

1.1.14 Chorlton Mill and City South apartments will experience an uplift in daylight amenity impact in the 10a + Cumulative condition, as follows:

- Rooms to Chorlton Mill see an uplift in daylight amenity due to the proposed Hotspur House development, located to the north west of Chorlton Mill. The 10a site proposed has little impact on these windows due to the large chimney which obstructs the view of the 10a site.
- The rooms of the City South apartments that experience an uplift in daylight amenity impact in the cumulative condition do so as a result of the Proposed One City Road development. These impacts are not, however, considered to be 'cumulative' impacts on the basis that the proposed massing of One City Road obscures the 10A Proposed Development from the view of City South apartments.

Baseline vs Proposed + Cumulative - Sunlight Amenity Impact

1.1.15 There are no significant cumulative impacts on sunlight amenity of the neighbouring receptors. Measured reductions in sunlight amenity, where present, are of a negligible magnitude of change.

2.0 Introduction

2.1 Background and Instructions

2.1.1 Ask Real Estate Ltd has developed a proposal for the residential redevelopment of Plot 10a of the First Street Masterplan. Plot 10a is an open parcel of land bound by River Street to the north, development Plot 10b to the east, Hulme Street to the south, and Medlock Street to the west.

2.1.2 Proximity is appointed to evaluate the daylight and sunlight amenity impact of the Proposed Development on the surrounding built environment. This Report confirms our assessment methodology, findings and opinions.

2.2 Scope of this Report

2.2.1 Our daylight and sunlight amenity impact assessment revolves around the provisions of the Building Research Establishment's ("BRE") Site Layout Planning for Daylight and Sunlight: A Guide to Good Practice. The Guide provides an objective means for evaluating daylight and sunlight amenity impacts in the built environment.

2.2.2 The Site facing windows of the habitable rooms within the following neighbouring buildings are identified as key receptors and have been daylight and sunlight amenity impact appraised:

- Macintosh Mill, Cambridge Street
- Cambridge Mill, Cambridge Street
- Chorlton Mill, Cambridge Street
- City South apartments, City Road East
- The Site facing parts of the Plot 11 First Street Development
- The Site facing windows of the Manchester Student Village development, Cambridge Street

2.2.3 The following external amenity spaces have been sunlight amenity impact appraised:

- Sunken Garden to Macintosh Mill
- James Grigor Square

2.2.4 We have undertaken a daylight and sunlight technical analysis and have measured, using computerised 3D massing simulations of the Site and its surroundings and specialist computer software, the amount of daylight and/or sunlight that is available to the abovementioned receptors, both as existing / baseline and as proposed.

2.2.5 We have also extended our analysis to include the 'cumulative' impact of other consented schemes to demonstrate the impact on daylight and/or sunlight that is available to the above mentioned receptors.

2.3 Professional Experience

2.3.1 This appraisal has been overseen by Mike Scanlan, who is a Director at Proximity.

2.3.2 He has, over the course of the last 18 years, specialised in advising and representing his clients on various third-party development issues, including rights of light (common law), daylight and sunlight and overshadowing amenity assessments (for Town & Country Planning), the Party Wall etc Act 1996 and access to land / airspace negotiations.

2.3.3 He commenced his training at building surveying Consultancy, Malcolm Hollis, until August 2005 when he became a founding Director of Gray Scanlan Hill, where he continued to provide third party development consultancy advice to his clients.

2.3.4 In November 2022 he established Proximity, a new firm of Chartered Surveyors specialising in the assessment, management, and mitigation of the "Proximity Risk" associated with rights of light, daylight and sunlight amenity / solar glare amenity impacts, access to land / airspace and the administration of the Party Wall etc Act 1996.

2.3.5 He has advised both developers and neighbouring adjoining owners on the "light" impact of proposed property and infrastructure developments. He has also accepted instructions to advise Local Authorities on the practical application of the BRE Guidance.

2.3.6 A member of the Royal Institution of Chartered Surveyors ("RICS"), he has frequently lectured on third party development issues to fellow property professionals as part of numerous regional CPD programmes and conferences.

2.4 The Site

2.4.1 The Plot 10a Site is an open parcel of land located within the wider First Street Masterplan in Manchester City Centre. It is bound by River Street to the north, development Plot 10b to the east, Hulme Street to the south, and Medlock Street to the west.

2.4.2 Certain images contained at Appendix 1 communicate the existing physical relationship between the Site and its immediate surroundings in massing terms.

2.5 The Proposed Development

2.5.1 The Proposed Development comprises the construction of a new commercial office building, of Ground + 12 storeys in height, occupying the substantial majority of the Site's footprint. The proposed massing images contained at Appendix 1 communicate the footprint and height of the Proposed Development relative to its immediate surroundings.

2.6 Information Relied upon and Site-Specific Limitations

2.6.1 We have inspected the Site and walked its surroundings and in so doing have identified the window provision of the neighbouring buildings that overlook the Site (to the extent that such windows are capable of being observed from the adjacent public highways).

2.6.2 To facilitate the running of the computerised technical analysis, we have constructed digital 3D massing models of the Site and its immediate surroundings, both in its existing or baseline configuration and as is proposed. In establishing the 3D massing models, we have relied on the following information, provided to us by others:

- A digital photogrammetric model of the Site and its surroundings by Zmapping;
- A laser scan Point Cloud survey of the elevations of the neighbouring buildings; and
- 3D model of the Proposed Development prepared by Jon Matthews Architects.

2.6.3 Our understanding of the massing of Plot 9 and Plot 11, both of which remain under construction at the date of this Report, is based on documents available from Manchester City Council's public access planning portal.

2.6.4 The interior of the neighbouring buildings considered as part of this Report has not been inspected. It has therefore been necessary to make assumptions regarding the use and arrangement of the neighbouring rooms. These assumptions can be observed from the No Sky Line Contour Plans at Appendix 4.

2.6.5 Our room arrangement assumptions are influenced by plans forming part of planning applications downloaded from Manchester City Council's Planning Public Access System and other online or digital resources, as follows:

- Macintosh Mill – Lease plans available from Land Registry;
- Chorlton Mill – Lease plans available from Land Registry;
- Cambridge Mill – Lease plans available from Land Registry;
- City South Apartments – Lease plans available from Land Registry;
- Plot 11 First Street development – MCC Ref 125573/FO/2019.

2.6.6 Further, the height between the internal floor level and the window cill in each room of the neighbouring buildings will influence the position of the working plane, which is the level at which the internal distribution of skylight is measured. We have had to assume the position of the working plane

2.6.7 On the basis that the neighbouring buildings have not been inspected, we have also had to make assumptions as to their internal use and function. Our assumptions are primarily influenced by observations made during our Site inspection. We have also identified the neighbouring buildings of residential use by reference to Valuation Office Agency records – neighbouring buildings with a Council Tax Band being of residential use.

2.6.8 The massing of those neighbouring property developments forming part of the Baseline and part of our Cumulative Study is based on plans available for download from Manchester City Council's Planning public access system, as follows:

- One City Road – MCC Ref. 128002/FO/202
- Hotspur House – MCC Ref. 120635/FO/2018
- Park Place - MCC Ref. 129273/FO/2021
- GJS Plot F – MCC Ref. 132199/FO/2021
- Student Castle – MCC Ref. 121252/FO/2018
- Apex Tower – MCC Ref. 133172/FO/2022
- Transition – MCC Ref. 116850/FO/2017

3.0 Standards

3.1 National Planning Policy

3.1.1 There are no national planning policy guidelines that directly govern daylight and sunlight amenity in terms of sufficiency and acceptable impacts.

3.1.2 It is, however, acknowledged that the National Planning Policy Framework ("NPPF") 2021 confirms the Government's objective to conserve and enhance the natural and local environment in the planning system.

3.1.3 The availability of daylight and sunlight are, of course, natural resources that can enhance an environment.

3.1.4 The NPPF promotes, where appropriate, an uplift in density for residential development in town and city centres, and notes that a flexible approach should be taken in applying guidance relating to daylight and sunlight in such areas of high density.

3.2 Local Planning Policy and Guidance

3.2.1 Manchester City Council's ("the Council") Core Strategy was adopted in July 2012 and is the key development plan document in the Local Development Framework ("LDF"). It describes Manchester today and outlines the Council's vision for Manchester in 2027 along with the planning policies which will be used to deliver that vision.

3.2.2 The Council will promote the construction of tall buildings – Policy EN2 of the Core Strategy refers. Tall buildings, in the context of that Policy, are defined as buildings which are substantially taller than their neighbourhoods and / or which significantly change the skyline. Proposals for tall buildings will be supported if certain design criteria are met.

3.2.3 It is acknowledged as part of Policy EN2 that tall buildings can have a significant impact on the local environment and the Council expect that its impact be modelled.

3.2.4 The Council acknowledge in Policy CC6 of the Core Strategy that development in the City Centre will generally be "high density" and that the scale, massing and height of development in the City Centre will exceed what is appropriate elsewhere in the City.

3.2.5 The Core Strategy confirms that all new developments should follow certain "development principles". Policy DM1 – Development Management – confirms that all developments should have regard to a number of issues, such as the effects on amenity, including light.

3.2.6 The Guide to Development in Manchester Supplementary Planning Document ("SPD") confirms that consideration should be given to issues including overshadowing to hard landscaped areas within the public realm.

MCC Residential Quality Guidance

3.2.7 This SPD was published in March 2017 and is intended to provide clear direction on the considerations, qualities, and opportunities that will help to deliver high quality residential development of part of successful and sustainable neighbourhoods across Manchester.

3.2.8 In encouraging developers to "appreciate scale" the SPD acknowledges that taller buildings can have an impact on the character and atmospheric quality of the spaces immediately around them; affecting light and shadow amongst other things and requiring developers and their design teams to demonstrate how massing and scale have been considered in terms of its impact on the neighbourhood, street and block.

First Street Masterplan

3.2.9 The First Street Strategic Development Framework dated August 2015 is adopted by Manchester City Council and confirms that high density development (tall buildings located in close proximity of one another) are appropriate for the Site and its immediate surroundings.

3.2.10 The Framework Update of 2018 and Framework Addendum of 2020 envisage buildings of greater heights / density than that adopted in the August 2015 document, and expands the defined area of the First Street framework.

3.2.11 Although the above-mentioned Policy documents allude to or reference daylight and sunlight amenity, and an appropriateness of scale and massing, there is no bespoke "daylight and sunlight" policy. Further, no guidance is provided on how daylight and sunlight amenity impact might be measured and evaluated in practice.

3.2.12 Accordingly, it is necessary to consider the Building Research Establishment (BRE) and their Guidance Note 'Site Layout Planning for Daylight & Sunlight: A Guide to Good Practice'.

3.3 The BRE "Site Layout Planning for Daylight & Sunlight"

3.3.1 The BRE Guidance was produced following extensive consultation with architects, planning officers, consultants, professional institutions and Government officials.

3.3.2 The Guidance was first published in 1991 and superseded the Department of the Environment Guidance "Sunlight and Daylight Planning Criteria and Design of Buildings".

3.3.3 The current edition (3rd) of the BRE Guidance was published in June 2022.

3.3.4 Its overall purpose is to assist in evaluating the relationship between new and existing buildings to ensure that each retains the potential to achieve a "fair share" of available daylight and sunlight given their relative siting, height and mass.

3.3.5 The BRE Guidance is technically robust and has become the industry standard methodology for assessing daylight and sunlight amenity in the built environment.

3.3.6 The provisions of the BRE Guidance are not mandatory and the BRE have taken steps to confirm that it should not be read as an instrument of planning policy:

'The guide is intended for building designers and their clients, consultants and planning officials. The advice given here is not mandatory and this document should not be seen as an instrument of planning policy. Its aim is to help rather than constrain the designer. Although it gives numerical guidelines, these should be interpreted flexibly because natural daylight is only one of many factors in site layout design'.

3.3.7 It is important to note that the BRE Guidance was principally developed for use in the assessment of low density suburban environments and should, therefore, be applied flexibly for developments in urban City or Town Centre sites, commercially influenced areas or areas where greater density is sought / encouraged.

3.3.8 The BRE targets should not, therefore, be seen as absolute and immoveable targets when applied in built environments either of existing high density or where increased density is being sought / encouraged. To facilitate the flexible application of the BRE Guidance in such circumstances, it promotes the setting of alternative target values.

3.3.9 The high density and the City Centre location of the Site and its surroundings do, in our opinion, justify the flexible application of the BRE Guidance in the daylight and sunlight amenity impact appraisal of this Proposed Development.

4.0 The BRE Tests

4.1 Daylight

4.1.1 The BRE Guidance confirms that its daylight provisions are intended for use for rooms in neighbouring dwellings where daylight is required, which would include living rooms, kitchens and bedrooms. It goes on to confirm that windows serving bathrooms, toilets, store rooms, circulation areas, and garages need not be analysed.

4.1.2 There are several different methods of measuring daylight amenity.

4.1.3 The BRE recommend that the Vertical Sky Component ("VSC") test is used when considering the impact that a new development will have on the daylight amenity of an existing neighbouring building.

4.1.4 The VSC is a unit of measurement that represents the amount of visible sky capable of being received at the external face of a window. Daylight is derived directly from the sky. On that basis, the more unobstructed sky or sky visibility available to a window, the potential daylighting capability of the room served by it will increase.

4.1.5 The unit is expressed as a percentage, as it is the ratio between the amount of visible sky available to the window being tested, compared to that available from a totally unobstructed sky.

4.1.6 To put this unit of measurement into perspective, the maximum percentage VSC value of a window located in a vertical plane is 50%, but in practice the VSC values do not typically exceed 40%, because of projecting window reveals and window heads which lessen / reduce the angles of measurement.

4.1.7 The BRE Guidance for daylight confirms that:

"... daylighting of an existing building may be adversely affected ... if ... the VSC measured at the centre of an existing ... window is less than 27%, and less than 0.8 times its former value".

4.1.8 In this regard, an aspirational target of 27% VSC is established for each window. However, if a window already receives less than 27% VSC, then a reduction in the existing value of up to 20% (i.e., to 0.8x baseline value) is accepted as permissible on the basis that such a reduction is unlikely to be noticed by the room's occupants.

4.1.9 We would stress that should a window's VSC value be reduced by more than 20%, this does not mean that the room will ordinarily be left with inadequate levels of daylight; it simply means that the reduction in light will be more noticeable to the occupants.

4.1.10 The BRE Guidance confirms that the daylight distribution of an existing building can be found by plotting the No Sky Line ("NSL") for each main room, which would include living rooms, dining rooms and kitchens (bedrooms are considered less important). The NSL is measured at an internal working plane within a room and divides those parts of it which can and cannot see the sky through its window provision. Those parts of a room beyond the NSL usually look dark and gloomy, compared with the rest of the room, because they receive no direct light.

4.1.11 The BRE Guidance confirms that the area of a room within the baseline NSL can be reduced by 20% (or to 0.8x baseline value) without being noticed by the room occupants.

4.2 Sunlight to Buildings

4.2.1 Unlike daylight, which is not influenced by orientation and assumes that light from the sky is uniform, the availability of sunlight is dependent upon compass orientation. As the United Kingdom is in the northern hemisphere, sun is only received from the south, rising in the east and setting in the west. The availability of sunlight is therefore dependent upon the orientation of the window being tested relative to due south.

4.2.2 The BRE Guidance for sunlight concludes that:

"If a living room of an existing dwelling has a main window facing within 90° of due south and any part of the new development subtends an angle of more than 25° to the horizontal, measured from the centre of the window in a vertical section perpendicular to the window, the sunlighting of the existing dwelling may be adversely affected".

4.2.3 Based on the wording of this provision, sunlight may only need to be considered for windows serving living rooms, which contrasts with the daylight test that applies equally to kitchens and bedrooms.

4.2.4 The BRE Guidance goes on to conclude that sunlight will be adversely affected if the living room window *"...receives less than 25% of annual probable sunlight hours, or less than 5% of annual probable sunlight hours between 21 September and 21 March".* The period September–March is acknowledged as the "winter months".

4.2.5 Again, the BRE confirms that where the annual probable sunlight hours ("APSH") values are not met in the existing condition, a reduction of up to 20% (i.e., retaining 0.8x) the existing value would be acceptable, on the basis that the reduction is unlikely to be noticed by the building occupants.

4.2.6 We would, again, stress that reductions of more than 20% should not ordinarily be interpreted as a window being left with insufficient levels of sunlight amenity; it simply means that the reduction is more likely to be noticed by the building occupants.

4.3 Alternative Daylight and Sunlight Targets

4.3.1 The BRE acknowledge the need for the Guidance to be applied and interpreted flexibly, including adjustment, where it is used outside of the low-density suburban environments for which it was designed, in confirming that:

"... the Developer or Planning Authority may wish to use different target values. For example, in a historic City Centre, or in an area with modern high-rise buildings, a higher degree of obstruction may be unavoidable if new developments are to match the height and proportion of existing buildings".

4.3.2 This is logical. It is unrealistic to rigidly impose the BRE's low density massing targets in town or city centres or other local centres that are typically of higher density or where increased density is sought.

4.3.3 The promoting of a high-density environment is at odds with the maintaining of those levels of daylight and sunlight that the BRE has set for its low-density massing targets and Proximity considers the setting of alternative targets to be a necessary means of adjusting the BRE Guidance for use in a mixed density Town and City Centre environments. It is unreasonable to expect higher density developments to fall in line with the BRE's low density targets. For this reason, the setting of alternative targets is justified in this instance, and an appropriate means of impact appraising the Proposed Development.

4.3.4 A generic or non-site-specific alternative daylight target of 21.6% VSC can be established for massing environments of mixed or high density, through applying BRE principles.

4.3.5 To explain, the BRE Guidance confirms that the 27% target VSC is an acceptable level of daylight, the 0.8x or 20% reduction of which is acceptable to the BRE on the grounds that the reduction would not be noticed by the room occupants. In this regard, if a window enjoys 27% VSC in the existing condition, it would be acceptable to reduce that VSC to 21.6%. In such circumstances, it would be concluded that a VSC of 21.6% would be adequate to satisfy the BRE's daylight amenity test criterion.

4.3.6 That conclusion would be drawn on the basis that the reduction in direct sky light would not be noticed by the building or room occupants. However, that is not the same, and this is an important distinction, as concluding that 21.6% VSC is in anyway an insufficient amount of direct sky light for a window or room to receive.

4.3.7 Logically, if 21.6% can be concluded as a sufficient proposed VSC for one habitable room window, then there is no reason why that could not be set as an alternative benchmark or target for all habitable room windows, regardless of their existing VSC values and the extent to which any reductions in sky light might be experienced.

4.3.8 A window with a VSC of 21.6% means that the window would still have access to more than half of the sky dome (from which daylight is derived) that is realistically available to an unobstructed window located in a vertical plane or elevation. We would therefore deem that a window achieving a VSC of at least 21.6% would at least be within an "acceptable tolerance" of the aspirational 27% target noted in the BRE Guidance.

4.3.9 Using the same principle, alternative "acceptable tolerance" APSH targets of 4% winter APSH (rather than 5%) and 20% annual APSH (rather than 25%) can be set.

4.4 Sunlight to Open Spaces

4.4.1 As well as ensuring that living rooms receive a good level of sunlight, it is also important that open spaces between and around buildings such as gardens are suitably sunlit.

4.4.2 The BRE recommend that the availability of sunlight should be checked for all external spaces where it will be required, and 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 / public squares;
- Focal points such as monuments or fountains.

4.4.3 The BRE Guidance concludes that:

"It is recommended that for it to appear adequately sunlit throughout the year, at least half of a garden or amenity area should receive at least two hours of sunlight on 21 March. If, as a result of new development an existing garden or amenity area does not meet the above, and the area which can receive two hours of sun on 21 March is less than 0.8 times its former value, then the loss of sunlight is likely to be noticeable".

4.4.4 This ultimately means that 50% of any garden or external amenity space must be capable of receiving two hours of sunlight, and by implication be free from any permanent overshadowing, on 21 March. A reduction to 0.8x of the existing value is accepted by the BRE on the grounds that it is unlikely to be noticed by the users.

5.0 Assessment

5.1 Assessment Methodology

5.1.1 Our assessment follows the methodology set out in the BRE Guidance, which provides an objective means of measuring and evaluating daylight and sunlight amenity impacts.

5.1.2 To appraise the impact that the massing of the Proposed Development will have on the daylight and sunlight amenity of the surrounding built environment, a topographically accurate digital 3D model has been constructed that simulates the massing of the Site and its surroundings in both its baseline and proposed condition.

5.1.3 Specialist computer software (known as "Waldram Tools", a widely used and market leading simulated light measurement software) has been used to perform the BRE daylight and sunlight tests.

5.1.4 The information upon which the 3D model and technical analysis is based, has been extracted from the information referred to in Section 2.6 of this Report.

5.2 Receptor Identification

5.2.1 It is clear from reading the BRE Guidance that it seeks to consider daylight and sunlight amenity for neighbouring buildings of residential use; it emphasises the availability of daylight and sunlight to living rooms, and daylight to bedrooms and family kitchens. The relevant or sensitive daylight and sunlight receptors around the Site are therefore those windows that serve anticipated habitable room uses in the neighbouring buildings.

5.2.2 For the purposes of this Report, we have identified the Site facing windows of the following neighbouring buildings of known residential use as the relevant daylight and sunlight amenity impact receptors:

- Macintosh Mill, Cambridge Street
- Cambridge Mill, Cambridge Street
- Chorlton Mill, Cambridge Street
- City South apartments, City Road East
- The Site facing parts of the Plot 11 First Street Development
- The Site facing windows of the Manchester Student Village development, Cambridge Street

5.2.3 The following external amenity spaces have been sunlight amenity impact appraised:

- Sunken Garden to Macintosh Mill
- James Grigor Square

5.2.4 Further detail on these neighbouring buildings is set out at Section 6. The position of these neighbouring buildings, relative to the Site and the Proposed Development, can be observed on the massing plans at Appendix 1 below. Window reference plans for these neighbouring buildings can be found at Appendix 2.

5.2.5 Any windows in the above-mentioned buildings that are known to serve circulation space or welfare accommodation have not been analysed, neither have the windows that serve any ground floor retail uses.

5.3 Baseline Condition

5.3.1 The baseline condition acknowledges the massing of the existing buildings of the Site and the current massing of its surroundings at the date of this Report. Baseline massing images of the Site are provided at Appendix 1.

5.4 The Measured Daylight & Sunlight Amenity Impact

5.4.1 The results of the VSC daylight tests are tabulated in Appendix 3.

5.4.2 We have measured the daylight impact of the Proposed Development against the BRE's 27% VSC target.

5.4.3 Where windows do not achieve this aspirational target, we have deemed them to be within an acceptable tolerance of it where they achieve a VSC of 21.6% or more.

5.4.4 The results of the NSL tests are presented at Appendix 4. To explain the NSL contour plots, the area of the room within the amber contour receives access to direct sky light. The hatched area of the room identifies each neighbouring room that will lose direct access to sky visibility, because of the Proposed Development.

As above, the BRE confirm that only windows facing within 90° of due south can have any real expectation of receiving sunlight and need to be technically appraised. This is because the sun rises in the east, sets in the west, passing through south. The Site facing windows / rooms of some neighbouring buildings considered as part of this Report are north facing. For this reason, they have not been sunlight amenity impact evaluated.

5.4.5 The tabulated VSC, NSL and APSH results contained within the Appendices of this Report appended have been colour annotated for ease of review, as follows:

- Green indicates the result achieves the unmodified BRE target;
- Yellow indicates that the result comes within an Acceptable Tolerance of the unmodified BRE target (i.e., it does achieve the 'Alternative Target');
- Pink indicates that the result is more than the Acceptable Tolerance reduction.

5.4.6 Results in the 'Pr/Ex' column show the proposed value as a proportion of the baseline value.

5.4.7 These results are colour annotated green based if the proposed result is greater than 0.8x the Baseline value, and of negligible magnitude of change. The result is coloured yellow, orange or pink if the result amounts to a low, medium or high magnitude of change.

5.4.8 Proposed "Pr/Ex" results that are greater than 0.8x Baseline Values are coloured green and are considered acceptable to the BRE on the basis that any reduction in VSC, NSL or APSH would not be noticed by the room occupants.

5.4.9 Therefore, a yellow or pink result for VSC or APSH are considered BRE compliant if the Pr/Ex result is coloured green (i.e., the result in the Proposed Condition is not < 0.8x baseline values, and therefore not noticeable to the room occupants).

5.4.10 A summary of the results of our technical study, and commentary confirming our opinion of them, is set out on a neighbouring property by property basis at Section 5 below.

6.0 The Neighbouring Receptors



Macintosh Mill

Located to the north east of the Site and separated from it by the Plot 10b Site and River Street.

It has windows in its south west facing elevation that overlook the Site directly.

Its Site-facing windows are known to serve habitable room uses.



Chorlton Mill

Located to the north east of the Site and separated from it by Macintosh Mill.

It has windows in its south west facing elevation that overlook the Site directly.

Its Site-facing windows are known to serve habitable room uses.



Cambridge Mill

Located to the east of the Site and separated from it by Cambridge Street.

Its windows do not overlook the Site directly, however the Proposed Development will be seen once constructed.

Its windows are known to serve habitable room uses.

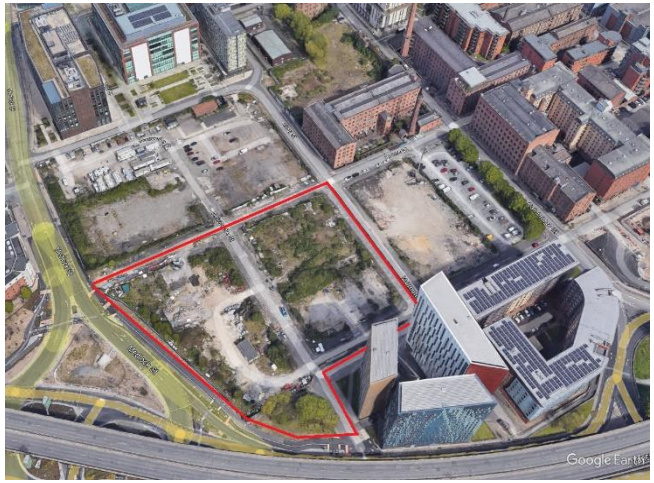


Manchester Student Village

Located to the east of the Site and separated from it by Cambridge Street.

Its windows do not overlook the Site directly, however the Proposed Development will be seen once constructed.

Its windows are known to serve habitable room uses within student accommodation.



Plot 11 First Street

Located to the immediate south of the Site, the buildings of Plot 11 First Street are at the date of this Report under construction.

It has windows in its north facing elevation that overlook the Site directly that will serve habitable room uses.

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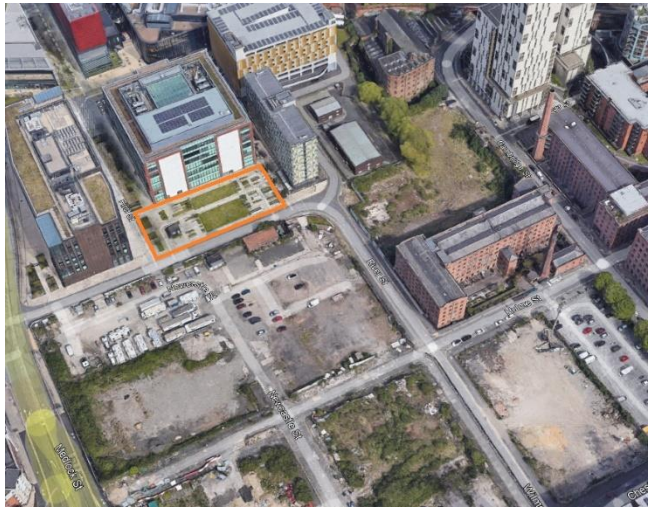


City South Apartments

Located to the west of the Site and separated from it by Medlock Street and Plot 9 First Street.

Its windows do not overlook the Site directly, however parts of the Proposed Development will be seen once constructed.

Its windows are known to serve habitable room uses.



James Grigor Square

Located to the immediate north of the Site and separated from it by River Street.

This is an area of landscaping used as external amenity space by local residents, occupants of the adjacent commercial buildings and visitors to the area.

Macintosh Mill

Baseline vs Proposed - Daylight Amenity

127 individual windows have been appraised, serving 78 rooms of bedroom and Livingroom – Kitchen – Diner (LKD) use.

In the Baseline Condition, 29 windows (23%) would achieve the BRE's VSC target. 98 windows (77%) would not achieve the BRE's VSC target in the baseline condition, as a result of both the high density of the surrounding city centre context, and the position of certain windows either below pavement level or immediately adjacent other parts of Macintosh Mill (both factors of which limit the capacity for daylight amenity).

In the Proposed Condition, 72 windows (57%) will either continue to achieve the 27% VSC target in the Proposed condition, or retain VSC values of at least 0.8x baseline values, accepted by the BRE on the grounds that it would not be noticed by the room occupants. Of the 78 rooms appraised, 42 (54%) would pass the BRE's NSL test, experiencing a negligible reduction in daylight distribution within the room.

55 windows (43%) do not achieve the BRE target nor acceptable tolerance value of 21.6%. Of these:

- 19 serve single-aspect bedrooms. Bedrooms are a low sensitivity daylight receptor in multiroom apartments.
- Magnitudes of change in VSC are moderate to 15 of those 19 windows; the rooms served by these would also experience reductions in NSL noticeable to the room occupants. The impact of the Plot 10A Proposed Development on these rooms and windows ranges from **minor - moderate adverse.**
- There is major magnitude of change in VSC to 4 single aspect bedrooms. As above, given the low daylight sensitivity of bedrooms the impact of the 10A Proposed Development on this minority of bedrooms is **moderate-minor**.
- 5 windows serving dual aspect bedrooms would experience minor to moderate magnitude of change in VSC. The impact of 10a on the daylight amenity of these rooms is, however, negligible on the basis that they are all served by other windows that do achieve the BRE target (or come within an acceptable tolerance of it). Further, all 5 of these bedrooms also pass the NSL test, experiencing negligible reduction in daylight distribution. The 10A Proposed Development impact on the daylight amenity of these bedrooms is therefore **negligible and non-significant.**

Regarding impacts on daylight amenity of LKDs, considered to be a high sensitivity daylight receptor:

- there are 30 windows serving 15 LKDs that would not achieve the BRE targets;
- 20 of these windows, serving 10 LKD rooms, would experience moderate – major magnitudes of change in VSC, and the LKD rooms served will experience moderate – major magnitude of change in NSL. Impacts on daylight amenity of these LKD rooms is considered to be major adverse.
- 10 windows (experiencing moderate to major magnitudes of change) serve 5 LKD rooms that are also served by other windows achieving the BRE target. These rooms would experience negligible impact on NSL. Impacts on the daylight amenity of these rooms is therefore considered to be moderate – minor adverse.

Overall, impacts on daylight amenity of Macintosh Mill is considered appropriate and balanced, given the following:

- More than half of windows and rooms appraised achieve the respective BRE targets for VSC and NSL, or experience reductions in daylight amenity unlikely to be noticeable to room occupants. Impacts on this majority are negligible and non-significant.
- The majority of windows appraised (77%) are limited in their capacity to receive direct daylight (and do not achieve the BRE target) in the baseline condition. This limited capacity for daylight is as a result of both the high density of the surrounding massing, and certain windows positioned within a lightwell or adjacent to other, taller parts of Macintosh Mill.
- Major adverse impacts on daylight amenity are localised, and limited to LKD rooms that account for a small minority of all rooms appraised (13%; 10 LKDs of 78 rooms appraised), and a smaller minority of habitable rooms within Macintosh Mill as a whole. These rooms are generally single aspect rooms directly overlooking the Site.

In our opinion, impacts on the daylight amenity of Macintosh Mill are an ordinary consequence of the development of Plot 10a, given:

- the limitation on daylight amenity in the baseline condition, imposed by the high density massing of the immediate surroundings (outside of the Plot 10a Site boundary, for example, Plot 11 currently under construction) and certain design features of Macintosh Mill itself;

- the current absence of any massing on Plot 10a means that any development will inevitably result in reductions in daylight.

Any development of the Site in accordance with planning policy - which envisages a significant uplift in density of this Site and the wider First Street area – is therefore likely to result in impacts on daylight amenity.

Baseline vs Proposed - Sunlight Amenity

60 rooms have been appraised, assumed to be a mixture of bedrooms and LKDs.

21 rooms appraised (35%) would continue to achieve the BRE's annual and winter sunlight targets in the Proposed Condition, or retain annual and winter sunlight values of at least 0.8x baseline values, acceptable to the BRE on the basis that reductions in sunlight, where present, are unlikely to be noticeable to the room occupants.

1 bedroom would achieve sunlight values within an acceptable tolerance of the winter target, and achieve the annual sunlight target.

1 LKD would achieve annual sunlight values that are within an acceptable tolerance of the BRE target, and no reduction in winter sunlight.

Impacts on these 23 rooms are considered to be negligible and non-significant.

23 rooms (38%) would achieve the BRE's annual sunlight target but not the winter sunlight target. Magnitudes of change to winter sunlight amenity are typically high.

Of these 23 rooms:

- 12 are bedrooms. Impacts on annual sunlight amenity are **negligible and non-significant**. Impacts of the 10A Proposed Development on winter sunlight amenity are **moderate-minor adverse.**
- 9 rooms (15% of 60 rooms appraised) are LKDs. Impacts on annual sunlight amenity are **negligible and non-significant**, whist impacts on winter sunlight amenity of this minority of LKDs is **major adverse.**

10 rooms (16%) would achieve acceptable tolerance annual sunlight values. Impacts on the annual sunlight amenity of these rooms are therefore acceptable. These 10 rooms would not achieve the Winter sunlight targets nor come within an acceptable tolerance of them; reductions in winter sunlight amounting to a major magnitude of change. Of these 10 rooms:

- 5 are LKDs, and impacts on winter sunlight amenity is **major adverse**.
- The 5 assumed bedrooms are a low sensitivity sunlight receptor. Given the high magnitudes of change to winter sunlight amenity of these bedrooms, impacts of the 10A Proposed Development on these bedrooms is **moderate – minor adverse.**

A small minority of 4 rooms (6%; 3 bedrooms and 1 LKD) would achieve neither winter nor annual sunlight targets. These rooms would experience major magnitudes of change to both winter and annual sunlight amenity. Impacts on the sunlight amenity of the LKD is therefore major adverse. Impacts on sunlight amenity of the 3 bedrooms is moderate adverse.

Overall, on the basis that impacts on sunlight amenity of greater significance are generally localised, and account for a minority of Macintosh Mill as a whole. We consider the impact of 10A on sunlight amenity appropriate and balanced given the city centre location and uplift in density envisioned by the SRF.

Sunlight to Open Spaces

The sunken gardens external amenity area of Macintosh Mill, facing Hulme Street, have been time in sun appraised.

The area would experience no impact / reduction in time in sun. In the Proposed Condition, 56% of this external amenity area would achieve the BRE target of 2 hours' time in sun on 21 March (against a target of 50%). On that basis this external amenity area will remain adequately sunlit throughout the year.

The impact of the Plot 10A Proposed Development on the sunlight amenity of the Macintosh Mill sunken gardens is therefore negligible and non-significant.

Baseline vs Proposed + Cumulative - Daylight Amenity

In the 10A + Cumulative Condition there is no significant cumulative uplift in daylight amenity impact on Macintosh Mill.

Baseline vs Proposed + Cumulative - Sunlight Amenity

In the 10A + Cumulative Condition there is no significant cumulative uplift in sunlight amenity impact on Macintosh Mill.

Baseline vs Proposed + Cumulative - Sunlight to Open Spaces

In the 10A + Cumulative Condition this external amenity area would experience no impact / reduction in time in sun.

There is therefore no cumulative impact on the sunlight amenity of the Macintosh Mill sunken gardens.

Chorlton Mill

Baseline vs Proposed - Daylight Amenity

185 individual windows have been appraised.

The windows serve 88 rooms, assumed to be a mixture of bedrooms and LKDs.

183 windows (99%) will continue to achieve the 27% VSC target in the Proposed condition, or retain VSC values of at least 0.8x baseline values, accepted by the BRE on the grounds that reductions would not be noticed by the room occupants.

86 rooms (98%) would experience a negligible reduction in NSL.

2 rooms (2%) of bedroom use would experience a reduction amounting to a Minor magnitude of change. Both of these rooms are served by a window exceeding the VSC target of 27%.

The impact on daylight to this small minority of rooms is considered to be **minor - negligible**.

Overall, the impact of the Proposed Development on the daylight amenity of this neighbouring building is **negligible and non-significant**.

Baseline vs Proposed - Sunlight Amenity

87 rooms have been impact appraised, assumed to be a mixture of bedrooms and LKDs.

86 rooms (99%) would continue to achieve the BRE's annual and winter sunlight targets in the Proposed Condition, or retain annual and winter sunlight values of at least 0.8x baseline values, acceptable to the BRE on the basis that reductions in sunlight are unlikely to be noticeable to the room occupants.

1 room would achieve the BRE target of 0.8x baseline value for annual sunlight hours. This room would experience a reduction in winter sunlight hours from 2% to 1%. Whilst this equates to a high magnitude of change, in real terms this reduction is small. Further, this room and its windows are located adjacent to Chorlton Mill's own large chimney structure, which limits direct sunlight in the baseline condition.

On the basis that this room is a small minority of all rooms appraised, overall the impact of the Plot 10A Proposed Development on the Chorlton Mill is considered to be **negligible and non-significant.**

Baseline vs Proposed + Cumulative - Daylight Amenity

A small minority of rooms and windows of Chorlton Mill would experience an uplift of impact on daylight amenity in the Cumulative Condition.

In the 10A Proposed Condition, 2 rooms would experience a low magnitude of change in NSL. In the 10A + Cumulative condition these become medium magnitude of change, and 7 other rooms would experience an uplift from negligible to minor magnitude of change in NSL. Uplift in VSC impacts are generally experienced by windows adjacent the large chimney and of very limited view of the Plot 10a Site, but which will see the nearby 28 storey Hotspur House development.

Baseline vs Proposed + Cumulative - Sunlight Amenity

In the 10A + Cumulative Condition there is no cumulative uplift in sunlight amenity impact on Chorlton Mill.

Cambridge Mill

Baseline vs Proposed - Daylight Amenity

102 individual windows have been appraised.

The windows serve 83 rooms, assumed to be a mixture of bedrooms and LKDs.

All 102 windows (100%) will continue to achieve the 27% VSC target in the Proposed condition, or retain VSC values of at least 0.8x baseline values, accepted by the BRE on the grounds that it would not be noticed by the room occupants.

All 83 rooms (95%) would pass the BRE's NSL test, experiencing a negligible reduction in NSL.

Overall, the impact of the Proposed Development on the daylight amenity of this neighbouring building is **negligible and non-significant**.

Baseline vs Proposed - Sunlight Amenity

83 rooms have been appraised, assumed to be a mixture of bedrooms and LKDs.

All 83 rooms appraised (100%) would continue to achieve the BRE's annual and winter sunlight targets in the Proposed Condition, or retain annual and winter sunlight values of at least 0.8x baseline values, acceptable to the BRE on the basis that reductions in sunlight, where present, are unlikely to be noticeable to the room occupants.

Baseline vs Proposed + Cumulative - Daylight Amenity

In the 10A + Cumulative Condition there is no cumulative uplift in daylight amenity impact on Cambridge Mill.

Baseline vs Proposed + Cumulative - Sunlight Amenity

In the 10A + Cumulative Condition there is no cumulative uplift in sunlight amenity impact on Cambridge Mill.

Manchester Student Village

Baseline vs Proposed - Daylight Amenity

122 individual windows have been appraised.

The windows serve 97 rooms, assumed to be student bedrooms.

All 122 windows (100%) will continue to achieve the 27% VSC target in the Proposed condition, or retain VSC values of at least 0.8x baseline values, accepted by the BRE on the grounds that reductions would not be noticed by the room occupants.

All 97 rooms appraised (100%) would experience a negligible reduction in NSL.

Overall, the impact of the Proposed Development on the daylight amenity of this neighbouring building is negligible and non-significant.

Baseline vs Proposed - Sunlight Amenity

97 rooms have been appraised, assumed to be assumed to be student bedrooms.

All 97 rooms appraised (100%) would continue to achieve the BRE's annual and winter sunlight targets in the Proposed Condition.

Baseline vs Proposed + Cumulative - Daylight Amenity

In the 10A + Cumulative Condition there is no cumulative uplift in daylight amenity impact on Manchester Student Village.

Baseline vs Proposed + Cumulative - Sunlight Amenity

In the 10A + Cumulative Condition there is no cumulative uplift in sunlight amenity impact on Manchester Student Village.

Plot 11 First Street

Baseline vs Proposed - Daylight Amenity

731 individual windows have been appraised, within the two blocks closest to Plot 10.

The windows serve 275 rooms, assumed to be a mixture of bedrooms, studios and LKDs.

440 windows (60%) will continue to achieve the 27% VSC target in the Proposed condition, or retain VSC values of at least 0.8x baseline values, accepted by the BRE on the grounds that reductions would not be noticed by the room occupants. The impact on these windows is **non-significant.**

A further 135 windows (19%) would achieve VSC values considered to be within an acceptable tolerance of the BRE target (VSC of >21.6%), given the increased density of the City Centre generally and the massing of the wider First Street area as envisioned in MCC planning policy. The impact on these windows is **non-significant.**

79% of windows appraised would therefore experience a **non-significant impact.**

157 windows (21%), serving 70 rooms, would not achieve the acceptable tolerance VSC value of 21.6%, and would experience reductions ranging from minor to major. Of these:

- 34 rooms (12%) of rooms appraised) would experience a negligible reduction in daylight distribution, passing the BRE's NSL test. The impact on the daylight amenity of these rooms is of **negligible – minor significance.**
- 36 of these rooms would not achieve the NSL target.

Overall, 224 of the 275 rooms appraised (81%) would experience a negligible reduction in NSL.

24 rooms (9%) of those appraised would experience a low magnitude of change in NSL.

18 rooms (7%) of those appraised would experience a medium magnitude of change in NSL. 9 rooms (3%) of those appraised would experience a high magnitude of change in NSL.

On that basis, a very small minority of rooms appraised, and of the Plot 11 development as a whole, would experience **moderate – major impact** on daylight amenity.

The analysis only focuses on those windows and rooms of this neighbouring building closest to Plot 10. The majority of windows and rooms of Plot 11 as a whole have not been appraised, on that basis that their view of Plot 10a is obstructed by other parts of the Plot 11 development. This un-appraised majority of windows and rooms of Plot 11 will experience a **negligible impact.**

Overall, the impact of the Proposed Development on the daylight amenity of this neighbouring building is of **negligible minor adverse impact**, on the basis that those moderate and major impacts are localised and account for no more than a small minority of this neighbouring development as a whole.

Baseline vs Proposed - Sunlight Amenity

Plot 11 is located to the south east of Plot 10.

The Site facing windows of Plot 11 are therefore northwest facing. On that basis, these window have a very limited expectation of direct sunlight over the Plot 10 Site.

The Plot 10A Proposed Development will therefore have a **negligible and non-significant impact** on the sunlight amenity of this neighbouring building's Site-facing rooms.

Baseline vs Proposed + Cumulative - Daylight Amenity

A small minority of windows of the Plot 11 development would experience an uplift in impacts on VSC (77% of windows would achieve the targets or values within an acceptable tolerance of them) in the 10A Cumulative Condition, compared to 79% in the 10A Proposed Condition. In terms of NSL, there is no reduction in rooms achieving the NSL target in the Cumulative Condition. The cumulative impact on daylight is therefore considered non-significant.

Baseline vs Proposed + Cumulative - Sunlight Amenity

In the 10A + Cumulative Condition there is no cumulative uplift in sunlight amenity impact on Plot 11 First Street.

City South Apartments

Baseline vs Proposed - Daylight Amenity

271 individual windows have been appraised.

The windows serve 221 rooms, assumed to be a mixture of bedrooms and LKDs.

All 271 windows (100%) will continue to achieve the 27% VSC target in the Proposed condition, or retain VSC values of at least 0.8x baseline values, accepted by the BRE on the grounds that reductions would not be noticed by the room occupants.

All 221 rooms appraised (100%) would experience a negligible reduction in NSL.

Overall, the impact of the Proposed Development on the daylight amenity of this neighbouring building is **negligible and non-significant**

Baseline vs Proposed - Sunlight Amenity

197 rooms have been appraised, assumed to be a mixture of bedrooms and LKDs.

All 197 rooms appraised (100%) would continue to achieve the BRE's annual and winter sunlight targets in the Proposed Condition, or retain annual and winter sunlight values of at least 0.8x baseline values, acceptable to the BRE on the basis that reductions in sunlight are unlikely to be noticeable to the room occupants.

The impact of the Plot 10A Proposed Development on the City South apartments is therefore **negligible and non-significant.**

Baseline vs Proposed + Cumulative - Daylight Amenity

In the 10a Proposed + Cumulative condition there is an uplift in impact on City South Apartments, with 82% of windows achieving the BRE targets (compared to 100% in the 10a Proposed Condition). This uplift in daylight amenity impact is attributable to the development of One City Road, the massing of which will obscure Plot 10a from view from City South Apartments. In effect, the uplift in impact on this neighbouring receptor is not 'cumulative', but rather the result of One City Road development superseding the negligible impact of the 10a Proposed Development.

Baseline vs Proposed + Cumulative - Sunlight Amenity

In the 10A + Cumulative Condition there is no cumulative uplift in sunlight amenity impact on City South Apartments – those windows experiencing an uplift in daylight impact being north east facing).

James Grigor Square

Baseline vs Proposed - Sunlight Amenity

James Grigor Square has been time in sun appraised.

In the Proposed Condition, 69% of James Grigor Square would achieve the BRE target of 2 hours time in sun on 21 March (against a target of 50%). On that basis this external amenity area will remain adequately sunlit throughout the year.

The impact of the Plot 10A Proposed Development on the sunlight amenity of James Grigor Square is therefore **negligible and non-significant**.

Baseline vs Proposed + Cumulative - Sunlight Amenity

In the Proposed + Cumulative Condition, 68% of James Grigor Square would achieve the BRE target of 2 hours time in sun on 21 March (against a target of 50%).

On that basis this external amenity area will remain adequately sunlit throughout the year, and there is a non-material cumulative impact in sunlight amenity.

Appendix 1: Existing and Proposed Massing Images

SCALE 1:2750 @ A3



All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:
Baseline Buildings

Revisions:	Date:	Init:
-		

Proximity
Kennedy House. 31 Stamford Street, Altrincham, WA14 1ES

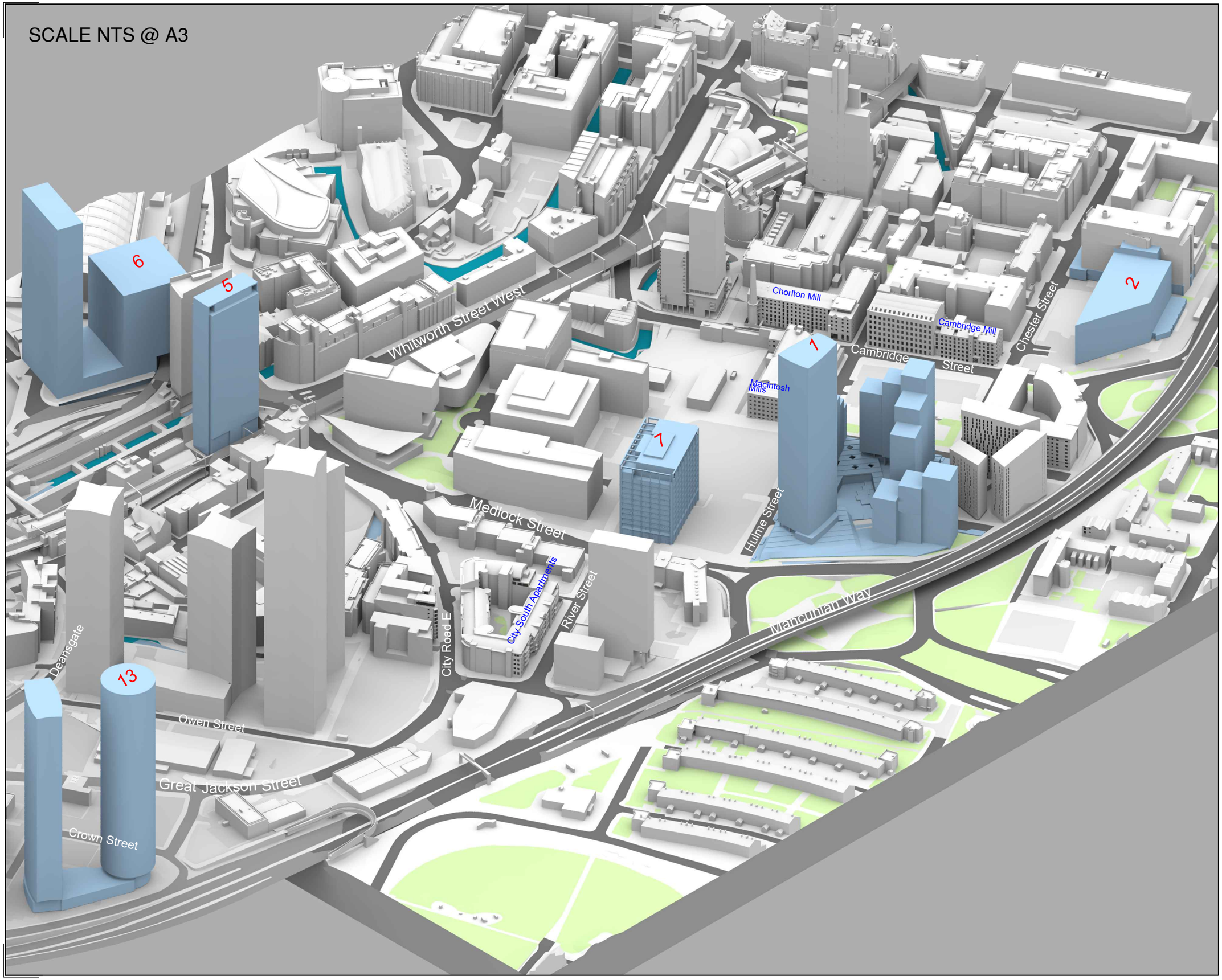
Client:
Ask Real Estate

Project:
First Street,
Manchester

Drawing Title:
Site Plan
Baseline Buildings

Drawn:	TP	Scale:	1:2750 @ A3
Checked:	-	Date:	Jan 23
Project No:		Drawing No:	Rev No:
[3017]		W001	-

SCALE NTS @ A3



All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

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Ordnance Survey
os-colour.dwg

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3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

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1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

Key:
Baseline Buildings

Revisions:	Date:	Init:
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Proximity
Kennedy House. 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

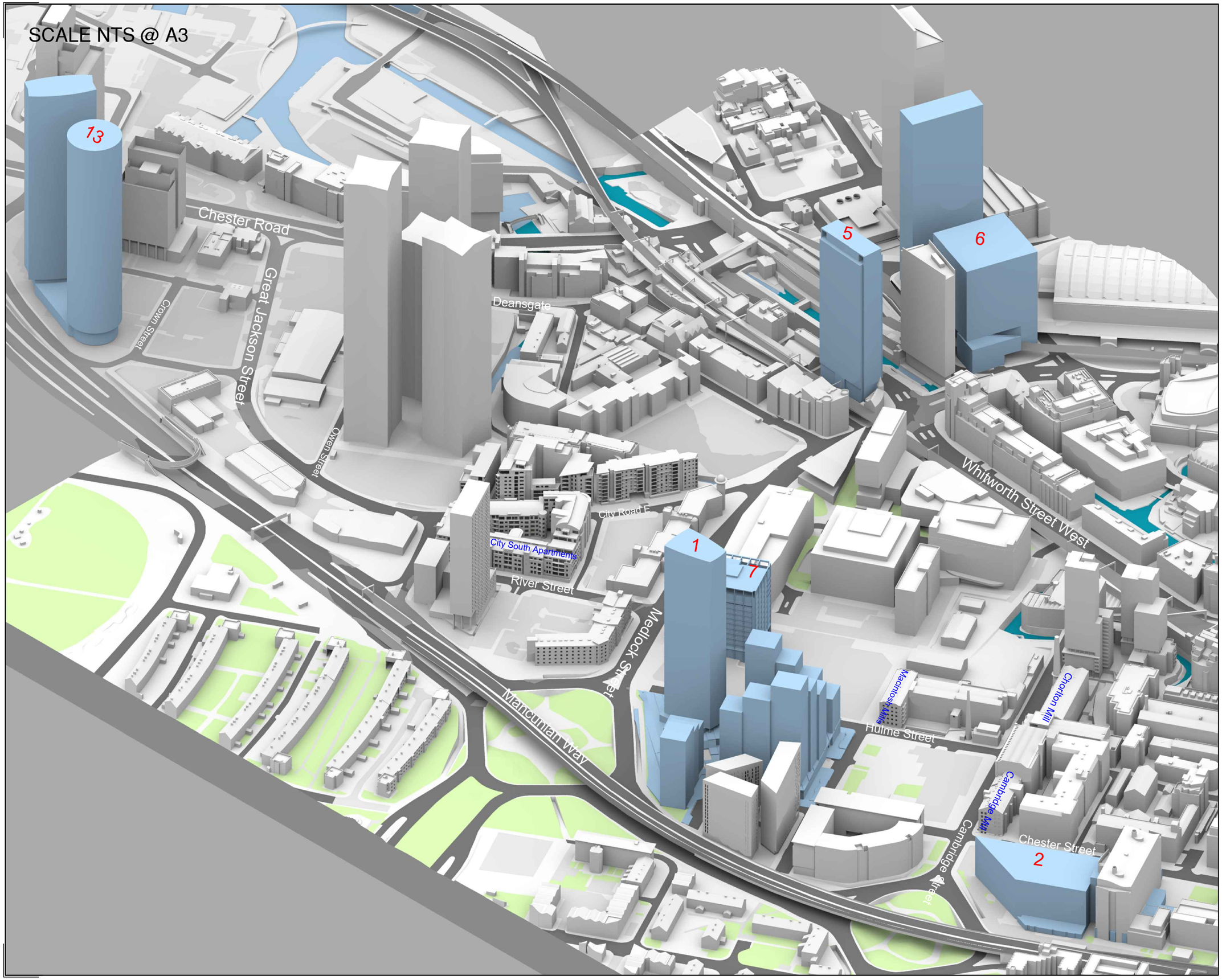
Project:
First Street,
Manchester

Drawing Title:
3D View
Baseline Buildings

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Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W002	-

SCALE NTS @ A3



All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

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Ordnance Survey
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Technics
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Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

Key:
Baseline Buildings

Revisions:	Date:	Init:
-		

Proximity
Kennedy House. 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

Project:
First Street,
Manchester

Drawing Title:
3D View
Baseline Buildings

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W003	-

SCALE 1:2750 @ A3



All dimensions to be checked on site.
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Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

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Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

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1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:
- Baseline Buildings
- Cumulative Buildings
- Proposed Building

Revisions:	Date:	Init:
-		

Proximity
Kennedy House. 31 Stamford Street,
Altrincham, WA14 1ES

Client:
Ask Real Estate

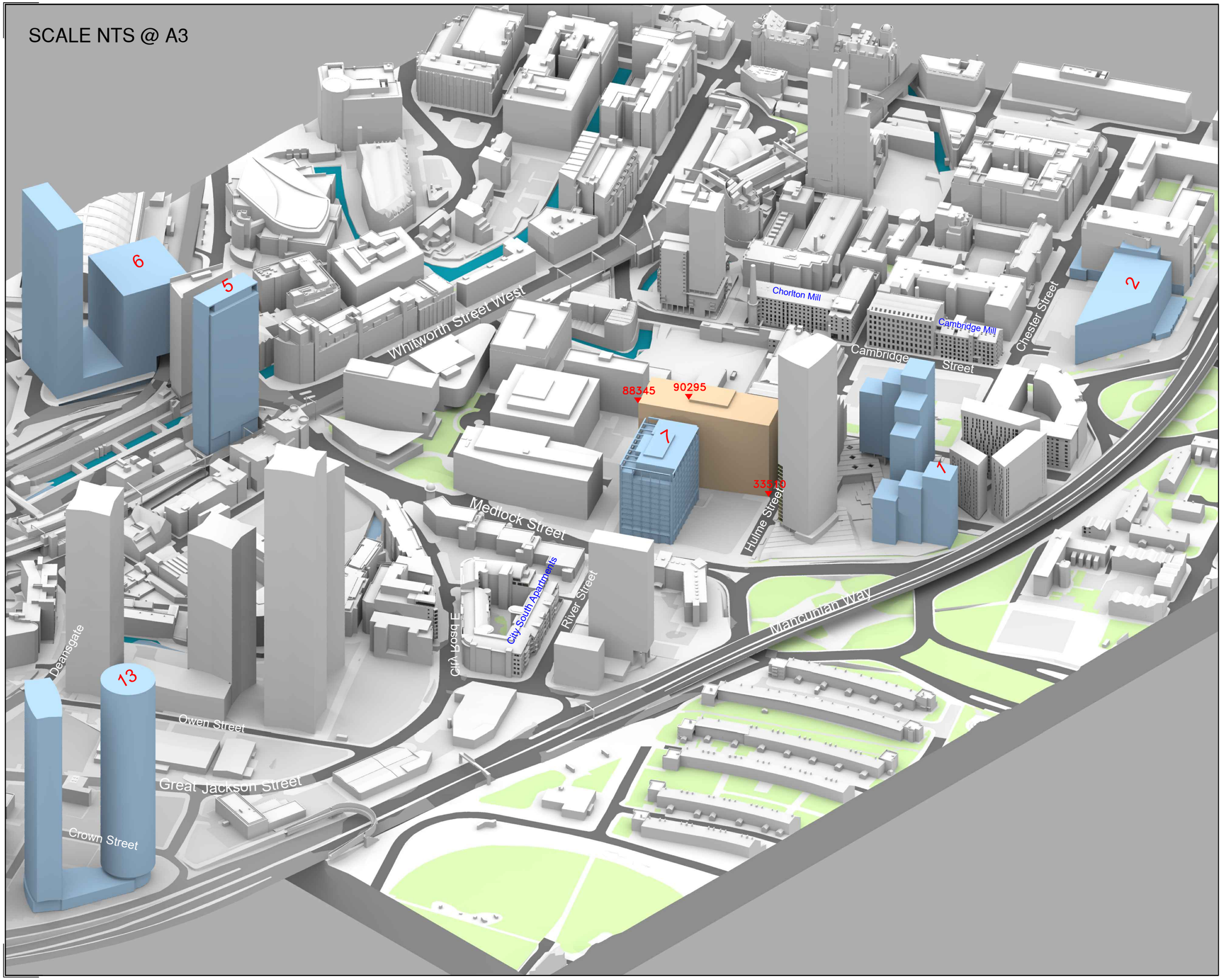
Project:
First Street,
Manchester

Drawing Title:
Site Plan
Baseline vs Proposed Scheme
received 31/10/22 - Plot 10A

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Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W136	-

SCALE NTS @ A3



All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

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Grayscanlanhill Chartered Building Surveyors
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1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

Key:
- Baseline Buildings
- Cumulative Buildings
- Proposed Building

Revisions:	Date:	Init:
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Proximity
Kennedy House. 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

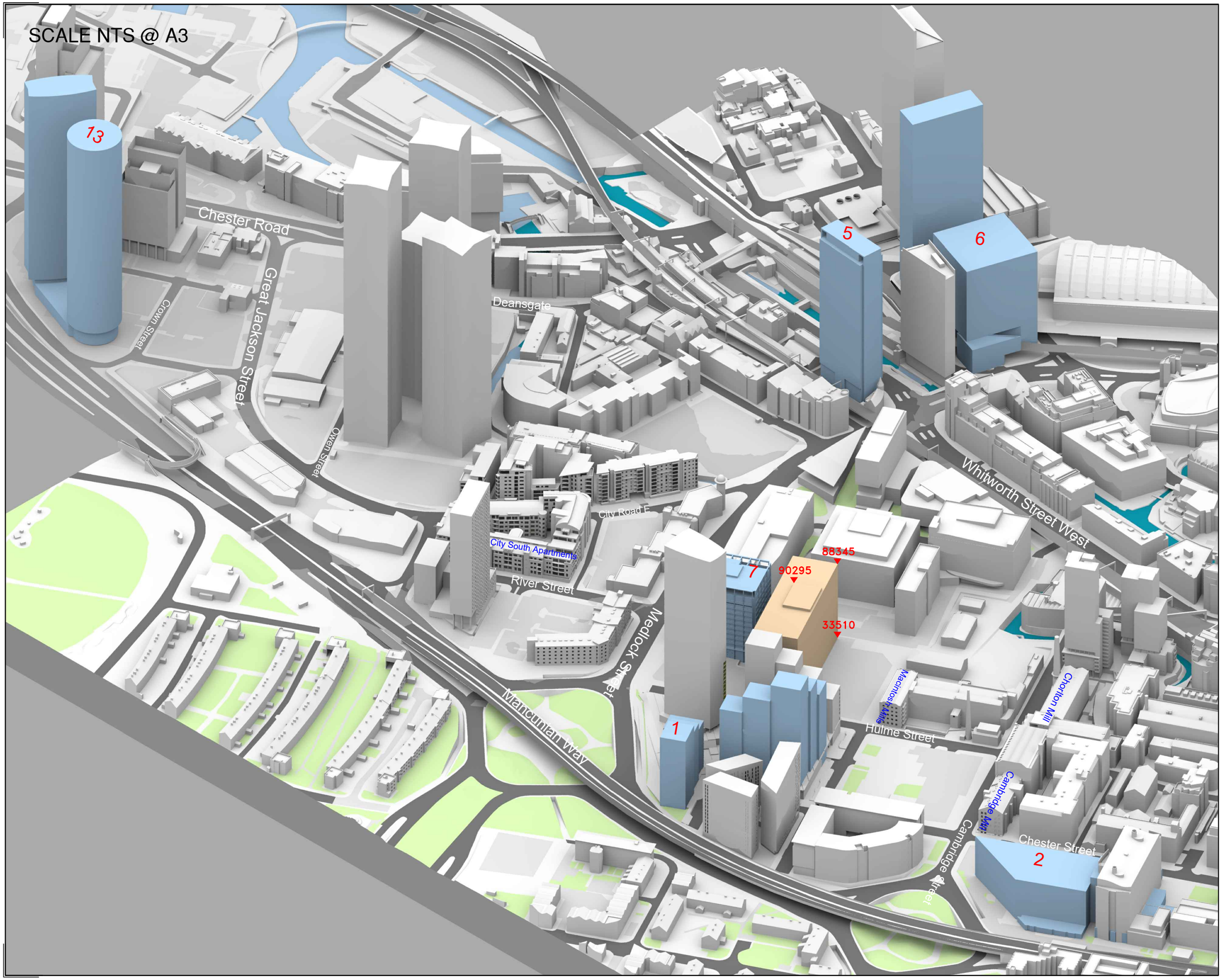
Project:
First Street,
Manchester

Drawing Title:
3D View
Baseline vs Proposed Scheme
received 31/10/22 - Plot 10A

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W137	-

SCALE NTS @ A3



All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

Key:
- Baseline Buildings
- Cumulative Buildings
- Proposed Building

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street,
Altrincham, WA14 1ES

Client:
Ask Real Estate

Project:
First Street,
Manchester

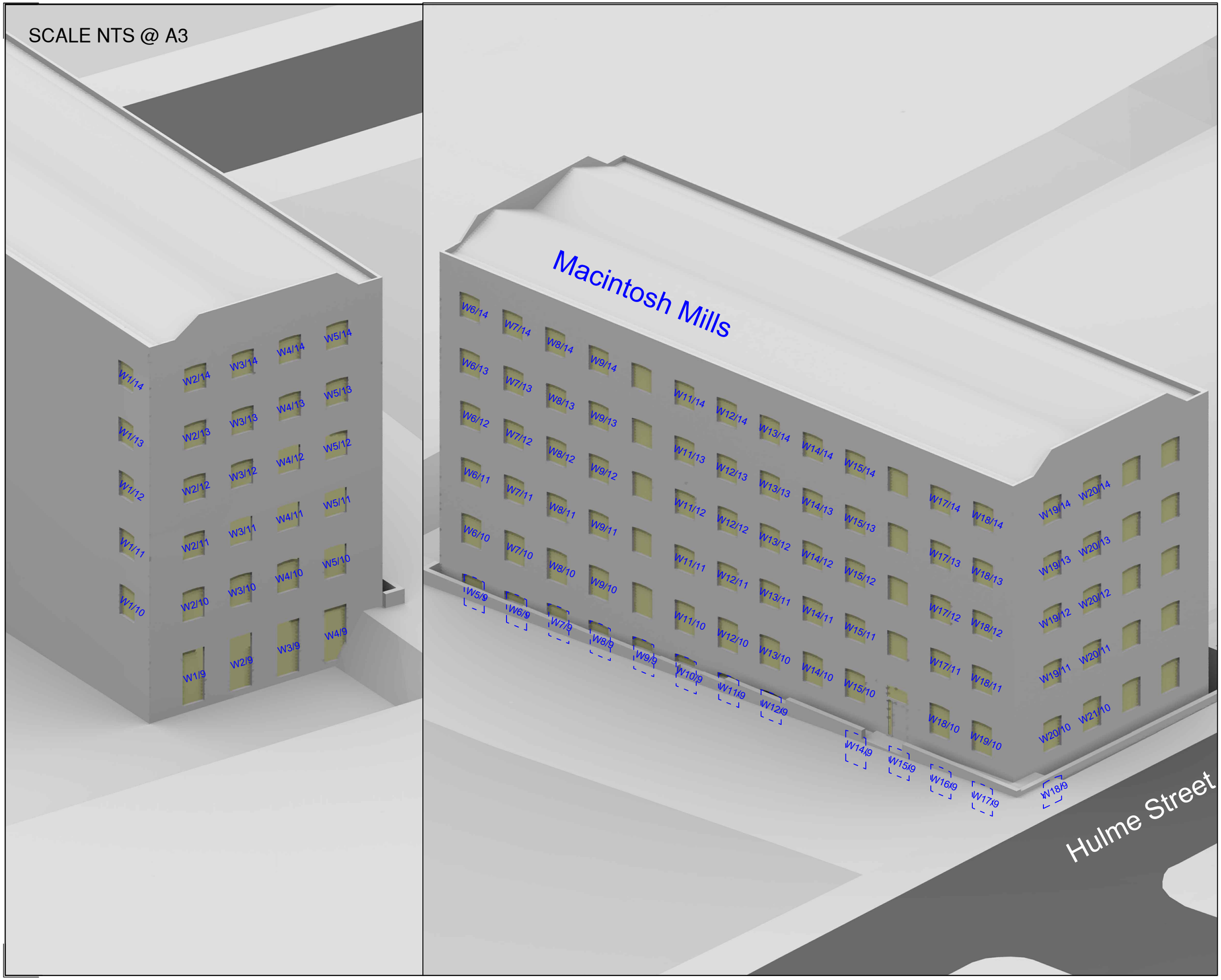
Drawing Title:
3D View
Baseline vs Proposed Scheme
received 31/10/22 - Plot 10A

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W138	-

Appendix 2: Window Maps

SCALE NTS @ A3



All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:

Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

Key:

Revisions:	Date:	Init:
-		

Proximity
Kennedy House. 31 Stamford Street,
Altrincham, WA14 1ES

Client:
Ask Real Estate

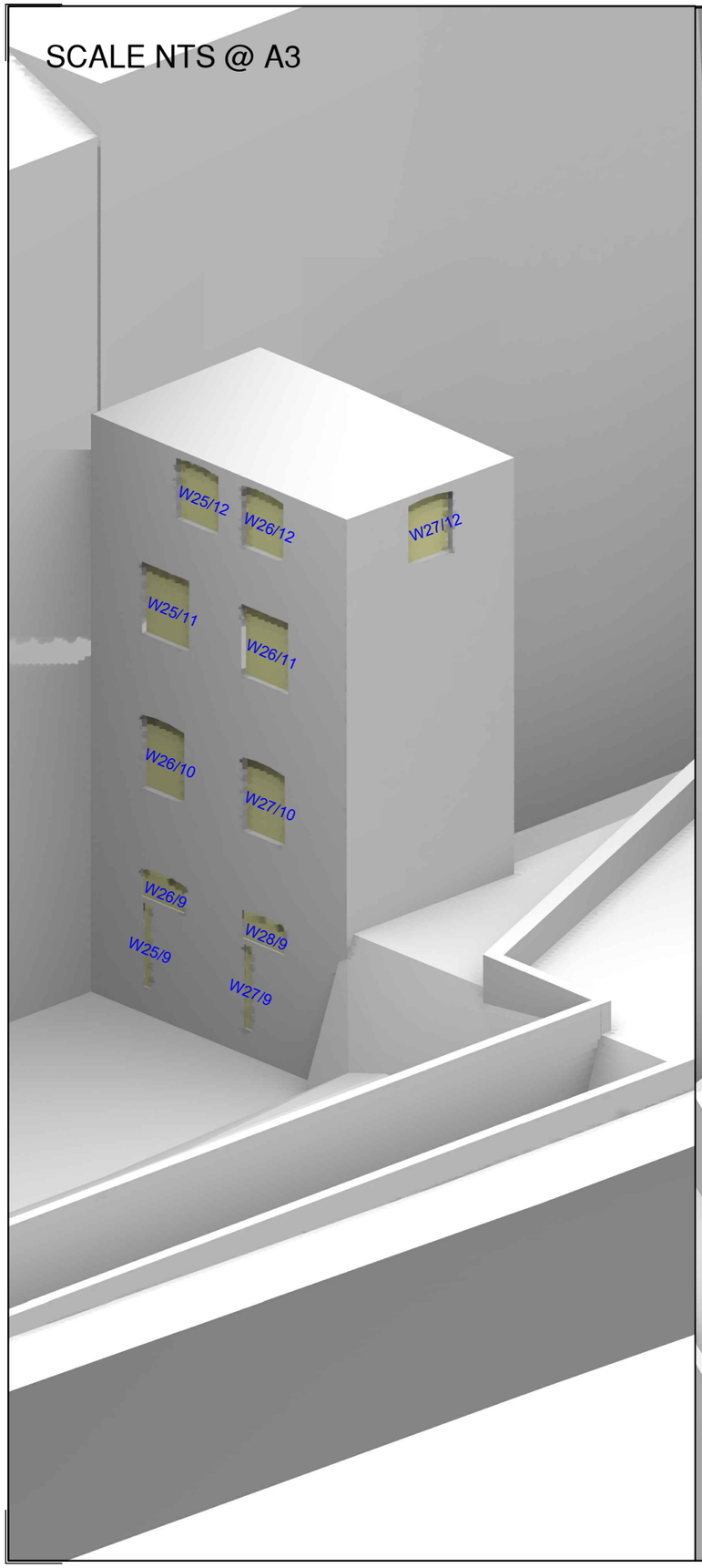
Project:
First Street,
Manchester

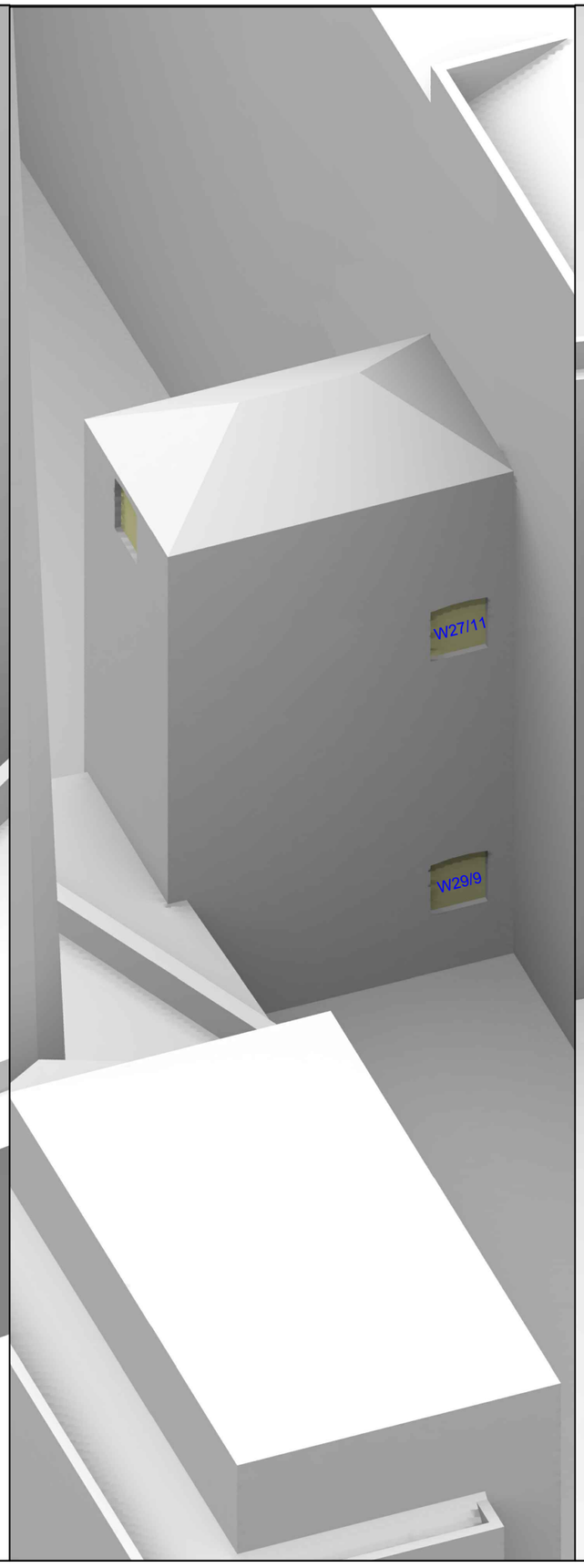
Drawing Title:
Windows Location
Macintosh Mill

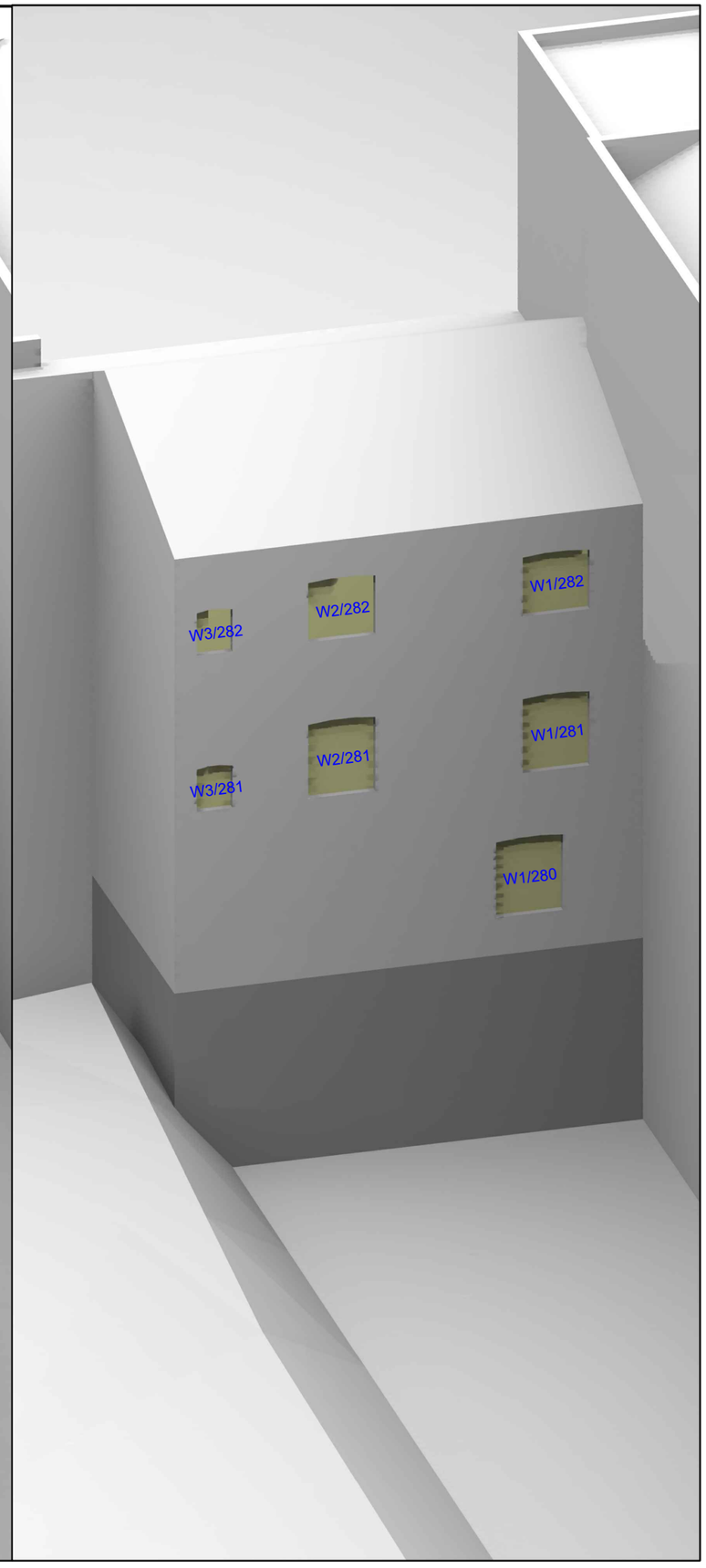
Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W210	-

SCALE NTS @ A3







All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

Key:

-		
Revisions:	Date:	Init:

Proximity
Kennedy House, 31 Stamford Street,
Altrincham, WA14 1ES

Client:
Ask Real Estate

Project:
First Street,
Manchester

Drawing Title:
Windows Location
Macintosh Mill

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W211	-

SCALE NTS @ A3



All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:

Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

Key:

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street,
Altrincham, WA14 1ES

Client:
Ask Real Estate

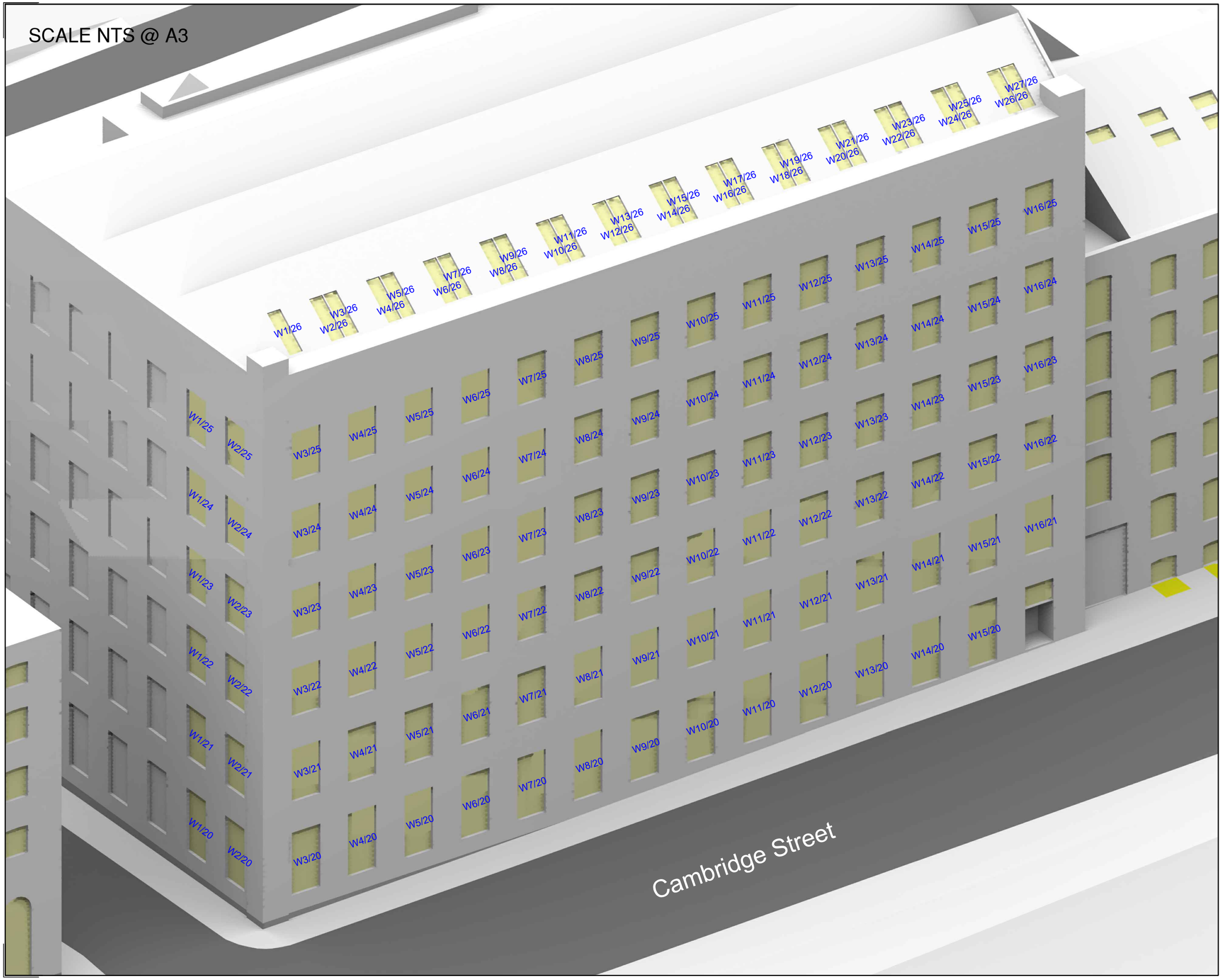
Project:
First Street,
Manchester

Drawing Title:
Windows Location
Chorlton Mill

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W212	-

SCALE NTS @ A3



All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:

Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

Key:

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street,
Altrincham, WA14 1ES

Client:
Ask Real Estate

Project:
First Street,
Manchester

Drawing Title:
Windows Location
Manchester Student Village

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W213	-



All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:

Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

Key:

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street,
Altrincham, WA14 1ES

Client:
Ask Real Estate

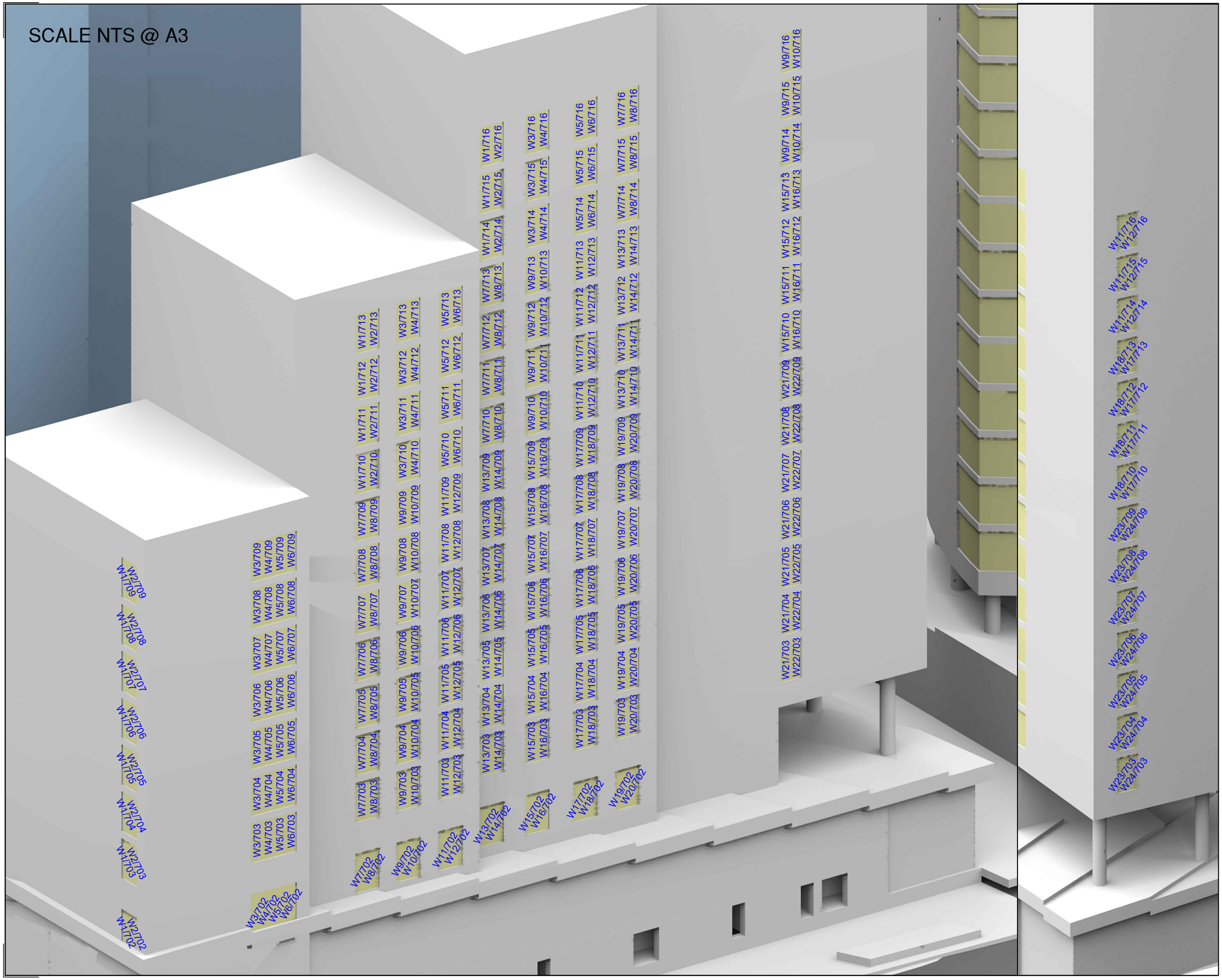
Project:
First Street,
Manchester

Drawing Title:
Windows Location
Cambridge Mill

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W214	-

SCALE NTS @ A3



All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:

Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

Key:

Revisions:	Date:	Init:
-		

Proximity
Kennedy House. 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

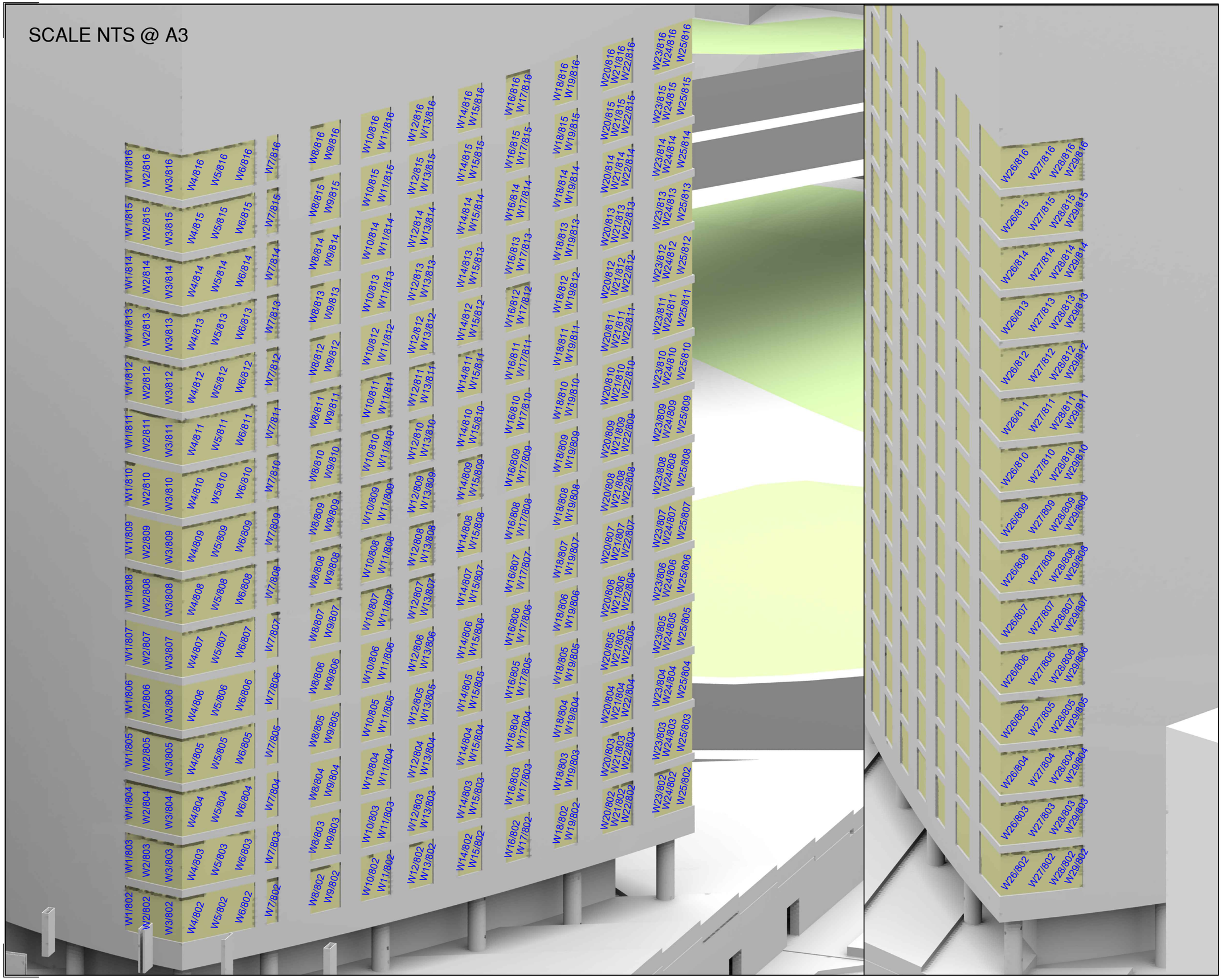
Project:
First Street,
Manchester

Drawing Title:
Windows Location
Downing Co-Living

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W215	-

SCALE NTS @ A3



All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

Key:

Revisions:	Date:	Init:
-		

Proximity
Kennedy House. 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

Project:
First Street,
Manchester

Drawing Title:
Windows Location
Downing Co-Living

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W216	-

SCALE NTS @ A3



All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

Key:

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street,
Altrincham, WA14 1ES

Client:
Ask Real Estate

Project:
First Street,
Manchester

Drawing Title:
Windows Location
City South Apartments

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W217	-

Appendix 3: Tabulated Baseline and Proposed VSC Results

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
Building A, Downing Co-Living						
R1/702	BEDROOM	W1/702	34.95	34.95	0.00	0.00
R1/702	BEDROOM	W2/702	34.91	34.91	0.00	0.00
R2/702	LKD	W3/702	33.14	26.35	6.79	20.49
R2/702	LKD	W4/702	33.11	26.12	6.99	21.11
R2/702	LKD	W5/702	33.18	26.14	7.04	21.22
R2/702	LKD	W6/702	33.09	25.93	7.16	21.64
R3/702	STUDIO	W7/702	32.16	24.21	7.95	24.72
R3/702	STUDIO	W8/702	32.27	24.22	8.05	24.95
R4/702	STUDIO	W9/702	32.45	23.98	8.47	26.10
R4/702	STUDIO	W10/702	32.46	23.86	8.60	26.49
R5/702	STUDIO	W11/702	32.50	23.48	9.02	27.75
R5/702	STUDIO	W12/702	32.52	23.36	9.16	28.17
R6/702	STUDIO	W13/702	27.60	18.25	9.35	33.88
R6/702	STUDIO	W14/702	29.51	20.04	9.47	32.09
R7/702	STUDIO	W15/702	31.39	21.52	9.87	31.44
R7/702	STUDIO	W16/702	31.65	21.64	10.01	31.63
R8/702	STUDIO	W17/702	31.73	21.31	10.42	32.84
R8/702	STUDIO	W18/702	31.77	21.31	10.46	32.92
R9/702	STUDIO	W19/702	31.76	20.12	11.64	36.65
R9/702	STUDIO	W20/702	31.73	19.22	12.51	39.43
R1/703	BEDROOM	W1/703	36.01	36.01	0.00	0.00
R1/703	BEDROOM	W2/703	35.99	35.99	0.00	0.00
R2/703	LKD	W3/703	34.08	27.55	6.53	19.16
R2/703	LKD	W4/703	34.03	27.30	6.73	19.78
R2/703	LKD	W5/703	34.09	27.28	6.81	19.98
R2/703	LKD	W6/703	33.99	27.07	6.92	20.36
R3/703	STUDIO	W7/703	33.01	25.25	7.76	23.51
R3/703	STUDIO	W8/703	33.13	25.25	7.88	23.79
R4/703	STUDIO	W9/703	33.31	25.00	8.31	24.95
R4/703	STUDIO	W10/703	33.33	24.86	8.47	25.41
R5/703	STUDIO	W11/703	33.38	24.45	8.93	26.75
R5/703	STUDIO	W12/703	33.39	24.30	9.09	27.22
R6/703	STUDIO	W13/703	28.31	19.01	9.30	32.85
R6/703	STUDIO	W14/703	30.28	20.84	9.44	31.18
R7/703	STUDIO	W15/703	32.24	22.34	9.90	30.71
R7/703	STUDIO	W16/703	32.50	22.44	10.06	30.95
R8/703	STUDIO	W17/703	32.59	22.06	10.53	32.31
R8/703	STUDIO	W18/703	32.63	22.04	10.59	32.45

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R9/703	STUDIO	W19/703	32.63	20.83	11.80	36.16
R9/703	STUDIO	W20/703	32.60	19.91	12.69	38.93
R10/703	BEDROOM	W21/703	31.61	14.77	16.84	53.27
R10/703	BEDROOM	W22/703	31.66	14.43	17.23	54.42
R11/703	BEDROOM	W23/703	15.38	14.96	0.42	2.73
R11/703	BEDROOM	W24/703	15.24	14.82	0.42	2.76
R1/704	BEDROOM	W1/704	36.52	36.52	0.00	0.00
R1/704	BEDROOM	W2/704	36.51	36.51	0.00	0.00
R2/704	LKD	W3/704	34.55	28.24	6.31	18.26
R2/704	LKD	W4/704	34.50	28.00	6.50	18.84
R2/704	LKD	W5/704	34.57	27.98	6.59	19.06
R2/704	LKD	W6/704	34.48	27.77	6.71	19.46
R3/704	STUDIO	W7/704	33.49	25.92	7.57	22.60
R3/704	STUDIO	W8/704	33.62	25.92	7.70	22.90
R4/704	STUDIO	W9/704	33.81	25.66	8.15	24.11
R4/704	STUDIO	W10/704	33.83	25.53	8.30	24.53
R5/704	STUDIO	W11/704	33.89	25.09	8.80	25.97
R5/704	STUDIO	W12/704	33.90	24.93	8.97	26.46
R6/704	STUDIO	W13/704	28.75	19.55	9.20	32.00
R6/704	STUDIO	W14/704	30.76	21.42	9.34	30.36
R7/704	STUDIO	W15/704	32.75	22.90	9.85	30.08
R7/704	STUDIO	W16/704	33.02	22.99	10.03	30.38
R8/704	STUDIO	W17/704	33.13	22.59	10.54	31.81
R8/704	STUDIO	W18/704	33.16	22.54	10.62	32.03
R9/704	STUDIO	W19/704	33.18	21.33	11.85	35.71
R9/704	STUDIO	W20/704	33.15	20.41	12.74	38.43
R10/704	BEDROOM	W21/704	32.19	15.31	16.88	52.44
R10/704	BEDROOM	W22/704	32.24	14.98	17.26	53.54
R11/704	BEDROOM	W23/704	15.77	15.35	0.42	2.66
R11/704	BEDROOM	W24/704	15.63	15.21	0.42	2.69
R1/705	BEDROOM	W1/705	37.00	37.00	0.00	0.00
R1/705	BEDROOM	W2/705	36.99	36.99	0.00	0.00
R2/705	LKD	W3/705	35.00	28.98	6.02	17.20
R2/705	LKD	W4/705	34.95	28.74	6.21	17.77
R2/705	LKD	W5/705	35.03	28.71	6.32	18.04
R2/705	LKD	W6/705	34.94	28.50	6.44	18.43
R3/705	STUDIO	W7/705	33.96	26.64	7.32	21.55
R3/705	STUDIO	W8/705	34.08	26.64	7.44	21.83

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R4/705	STUDIO	W9/705	34.28	26.38	7.90	23.05
R4/705	STUDIO	W10/705	34.32	26.24	8.08	23.54
R5/705	STUDIO	W11/705	34.38	25.78	8.60	25.01
R5/705	STUDIO	W12/705	34.39	25.62	8.77	25.50
R6/705	STUDIO	W13/705	29.18	20.15	9.03	30.95
R6/705	STUDIO	W14/705	31.22	22.05	9.17	29.37
R7/705	STUDIO	W15/705	33.25	23.52	9.73	29.26
R7/705	STUDIO	W16/705	33.51	23.60	9.91	29.57
R8/705	STUDIO	W17/705	33.64	23.17	10.47	31.12
R8/705	STUDIO	W18/705	33.67	23.10	10.57	31.39
R9/705	STUDIO	W19/705	33.70	21.89	11.81	35.04
R9/705	STUDIO	W20/705	33.67	20.96	12.71	37.75
R10/705	BEDROOM	W21/705	32.76	15.93	16.83	51.37
R10/705	BEDROOM	W22/705	32.80	15.62	17.18	52.38
R11/705	BEDROOM	W23/705	16.15	15.73	0.42	2.60
R11/705	BEDROOM	W24/705	16.02	15.60	0.42	2.62
R1/706	BEDROOM	W1/706	37.43	37.43	0.00	0.00
R1/706	BEDROOM	W2/706	37.42	37.42	0.00	0.00
R2/706	LKD	W3/706	35.43	29.75	5.68	16.03
R2/706	LKD	W4/706	35.38	29.52	5.86	16.56
R2/706	LKD	W5/706	35.47	29.48	5.99	16.89
R2/706	LKD	W6/706	35.38	29.28	6.10	17.24
R3/706	STUDIO	W7/706	34.41	27.43	6.98	20.28
R3/706	STUDIO	W8/706	34.54	27.42	7.12	20.61
R4/706	STUDIO	W9/706	34.75	27.17	7.58	21.81
R4/706	STUDIO	W10/706	34.79	27.03	7.76	22.31
R5/706	STUDIO	W11/706	34.87	26.55	8.32	23.86
R5/706	STUDIO	W12/706	34.87	26.37	8.50	24.38
R6/706	STUDIO	W13/706	29.59	20.82	8.77	29.64
R6/706	STUDIO	W14/706	31.68	22.75	8.93	28.19
R7/706	STUDIO	W15/706	33.73	24.21	9.52	28.22
R7/706	STUDIO	W16/706	34.00	24.28	9.72	28.59
R8/706	STUDIO	W17/706	34.13	23.82	10.31	30.21
R8/706	STUDIO	W18/706	34.17	23.74	10.43	30.52
R9/706	STUDIO	W19/706	34.21	22.53	11.68	34.14
R9/706	STUDIO	W20/706	34.18	21.61	12.57	36.78
R10/706	BEDROOM	W21/706	33.32	16.66	16.66	50.00
R10/706	BEDROOM	W22/706	33.37	16.37	17.00	50.94

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R11/706	BEDROOM	W23/706	16.54	16.12	0.42	2.54
R11/706	BEDROOM	W24/706	16.40	15.99	0.41	2.50
R1/707	BEDROOM	W1/707	37.81	37.81	0.00	0.00
R1/707	BEDROOM	W2/707	37.80	37.80	0.00	0.00
R2/707	LKD	W3/707	35.83	30.55	5.28	14.74
R2/707	LKD	W4/707	35.78	30.33	5.45	15.23
R2/707	LKD	W5/707	35.87	30.29	5.58	15.56
R2/707	LKD	W6/707	35.79	30.10	5.69	15.90
R3/707	STUDIO	W7/707	34.85	28.28	6.57	18.85
R3/707	STUDIO	W8/707	34.99	28.28	6.71	19.18
R4/707	STUDIO	W9/707	35.20	28.03	7.17	20.37
R4/707	STUDIO	W10/707	35.24	27.88	7.36	20.89
R5/707	STUDIO	W11/707	35.33	27.39	7.94	22.47
R5/707	STUDIO	W12/707	35.33	27.20	8.13	23.01
R6/707	STUDIO	W13/707	29.97	21.56	8.41	28.06
R6/707	STUDIO	W14/707	32.11	23.53	8.58	26.72
R7/707	STUDIO	W15/707	34.19	24.98	9.21	26.94
R7/707	STUDIO	W16/707	34.46	25.04	9.42	27.34
R8/707	STUDIO	W17/707	34.61	24.55	10.06	29.07
R8/707	STUDIO	W18/707	34.65	24.46	10.19	29.41
R9/707	STUDIO	W19/707	34.70	23.26	11.44	32.97
R9/707	STUDIO	W20/707	34.67	22.35	12.32	35.54
R10/707	BEDROOM	W21/707	33.87	17.55	16.32	48.18
R10/707	BEDROOM	W22/707	33.92	17.27	16.65	49.09
R11/707	BEDROOM	W23/707	16.92	16.51	0.41	2.42
R11/707	BEDROOM	W24/707	16.79	16.39	0.40	2.38
R1/708	BEDROOM	W1/708	38.09	38.09	0.00	0.00
R1/708	BEDROOM	W2/708	38.07	38.07	0.00	0.00
R2/708	LKD	W3/708	36.21	31.39	4.82	13.31
R2/708	LKD	W4/708	36.15	31.18	4.97	13.75
R2/708	LKD	W5/708	36.25	31.14	5.11	14.10
R2/708	LKD	W6/708	36.18	30.96	5.22	14.43
R3/708	STUDIO	W7/708	35.32	29.25	6.07	17.19
R3/708	STUDIO	W8/708	35.46	29.25	6.21	17.51
R4/708	STUDIO	W9/708	35.67	29.00	6.67	18.70
R4/708	STUDIO	W10/708	35.70	28.84	6.86	19.22
R5/708	STUDIO	W11/708	35.79	28.33	7.46	20.84
R5/708	STUDIO	W12/708	35.78	28.13	7.65	21.38
R6/708	STUDIO	W13/708	30.35	22.40	7.95	26.19

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R6/708	STUDIO	W14/708	32.52	24.40	8.12	24.97
R7/708	STUDIO	W15/708	34.63	25.85	8.78	25.35
R7/708	STUDIO	W16/708	34.90	25.90	9.00	25.79
R8/708	STUDIO	W17/708	35.06	25.40	9.66	27.55
R8/708	STUDIO	W18/708	35.11	25.29	9.82	27.97
R9/708	STUDIO	W19/708	35.18	24.12	11.06	31.44
R9/708	STUDIO	W20/708	35.15	23.23	11.92	33.91
R10/708	BEDROOM	W21/708	34.41	18.63	15.78	45.86
R10/708	BEDROOM	W22/708	34.46	18.37	16.09	46.69
R11/708	BEDROOM	W23/708	17.30	16.91	0.39	2.25
R11/708	BEDROOM	W24/708	17.17	16.79	0.38	2.21
R1/709	BEDROOM	W1/709	38.30	38.30	0.00	0.00
R1/709	BEDROOM	W2/709	38.28	38.28	0.00	0.00
R2/709	LKD	W3/709	36.49	32.24	4.25	11.65
R2/709	LKD	W4/709	36.44	32.05	4.39	12.05
R2/709	LKD	W5/709	36.53	32.01	4.52	12.37
R2/709	LKD	W6/709	36.47	31.85	4.62	12.67
R3/709	STUDIO	W7/709	35.88	30.43	5.45	15.19
R3/709	STUDIO	W8/709	35.98	30.39	5.59	15.54
R4/709	STUDIO	W9/709	36.11	30.08	6.03	16.70
R4/709	STUDIO	W10/709	36.11	29.90	6.21	17.20
R5/709	STUDIO	W11/709	36.18	29.38	6.80	18.79
R5/709	STUDIO	W12/709	36.16	29.15	7.01	19.39
R6/709	STUDIO	W13/709	30.65	23.34	7.31	23.85
R6/709	STUDIO	W14/709	32.86	25.38	7.48	22.76
R7/709	STUDIO	W15/709	35.00	26.84	8.16	23.31
R7/709	STUDIO	W16/709	35.28	26.89	8.39	23.78
R8/709	STUDIO	W17/709	35.46	26.39	9.07	25.58
R8/709	STUDIO	W18/709	35.51	26.27	9.24	26.02
R9/709	STUDIO	W19/709	35.59	25.13	10.46	29.39
R9/709	STUDIO	W20/709	35.56	24.28	11.28	31.72
R10/709	BEDROOM	W21/709	34.89	19.95	14.94	42.82
R10/709	BEDROOM	W22/709	34.95	19.71	15.24	43.61
R11/709	BEDROOM	W23/709	17.68	17.31	0.37	2.09
R11/709	BEDROOM	W24/709	17.55	17.19	0.36	2.05
R1/710	STUDIO	W1/710	36.57	31.82	4.75	12.99
R1/710	STUDIO	W2/710	36.54	31.66	4.88	13.36
R2/710	STUDIO	W3/710	36.52	31.23	5.29	14.49

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R2/710	STUDIO	W4/710	36.50	31.04	5.46	14.96
R3/710	STUDIO	W5/710	36.52	30.50	6.02	16.48
R3/710	STUDIO	W6/710	36.49	30.27	6.22	17.05
R4/710	STUDIO	W7/710	30.92	24.40	6.52	21.09
R4/710	STUDIO	W8/710	33.17	26.48	6.69	20.17
R5/710	STUDIO	W9/710	35.34	27.97	7.37	20.85
R5/710	STUDIO	W10/710	35.62	28.03	7.59	21.31
R6/710	STUDIO	W11/710	35.82	27.54	8.28	23.12
R6/710	STUDIO	W12/710	35.87	27.41	8.46	23.59
R7/710	STUDIO	W13/710	35.96	26.34	9.62	26.75
R7/710	STUDIO	W14/710	35.93	25.54	10.39	28.92
R8/710	BEDROOM	W15/710	35.33	21.56	13.77	38.98
R8/710	BEDROOM	W16/710	35.39	21.35	14.04	39.67
R9/710	BEDROOM	W17/710	17.91	17.59	0.32	1.79
R9/710	BEDROOM	W18/710	18.05	17.71	0.34	1.88
R1/711	STUDIO	W1/711	36.81	32.88	3.93	10.68
R1/711	STUDIO	W2/711	36.77	32.73	4.04	10.99
R2/711	STUDIO	W3/711	36.76	32.34	4.42	12.02
R2/711	STUDIO	W4/711	36.75	32.16	4.59	12.49
R3/711	STUDIO	W5/711	36.77	31.68	5.09	13.84
R3/711	STUDIO	W6/711	36.74	31.48	5.26	14.32
R4/711	STUDIO	W7/711	31.14	25.62	5.52	17.73
R4/711	STUDIO	W8/711	33.44	27.75	5.69	17.02
R5/711	STUDIO	W9/711	35.65	29.31	6.34	17.78
R5/711	STUDIO	W10/711	35.93	29.38	6.55	18.23
R6/711	STUDIO	W11/711	36.14	28.93	7.21	19.95
R6/711	STUDIO	W12/711	36.20	28.79	7.41	20.47
R7/711	STUDIO	W13/711	36.28	27.81	8.47	23.35
R7/711	STUDIO	W14/711	36.26	27.08	9.18	25.32
R8/711	BEDROOM	W15/711	35.72	23.50	12.22	34.21
R8/711	BEDROOM	W16/711	35.77	23.31	12.46	34.83
R9/711	BEDROOM	W17/711	18.20	17.91	0.29	1.59
R9/711	BEDROOM	W18/711	18.34	18.04	0.30	1.64
R1/712	STUDIO	W1/712	37.02	33.96	3.06	8.27
R1/712	STUDIO	W2/712	36.98	33.84	3.14	8.49
R2/712	STUDIO	W3/712	36.97	33.51	3.46	9.36
R2/712	STUDIO	W4/712	36.96	33.36	3.60	9.74

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R3/712	STUDIO	W5/712	36.99	32.95	4.04	10.92
R3/712	STUDIO	W6/712	36.97	32.78	4.19	11.33
R4/712	STUDIO	W7/712	31.39	27.00	4.39	13.99
R4/712	STUDIO	W8/712	33.75	29.22	4.53	13.42
R5/712	STUDIO	W9/712	35.99	30.90	5.09	14.14
R5/712	STUDIO	W10/712	36.27	30.98	5.29	14.59
R6/712	STUDIO	W11/712	36.47	30.57	5.90	16.18
R6/712	STUDIO	W12/712	36.52	30.45	6.07	16.62
R7/712	STUDIO	W13/712	36.60	29.58	7.02	19.18
R7/712	STUDIO	W14/712	36.57	28.95	7.62	20.84
R8/712	BEDROOM	W15/712	36.09	25.82	10.27	28.46
R8/712	BEDROOM	W16/712	36.14	25.66	10.48	29.00
R9/712	BEDROOM	W17/712	18.48	18.24	0.24	1.30
R9/712	BEDROOM	W18/712	18.62	18.37	0.25	1.34
R1/713	STUDIO	W1/713	37.22	35.02	2.20	5.91
R1/713	STUDIO	W2/713	37.17	34.93	2.24	6.03
R2/713	STUDIO	W3/713	37.18	34.68	2.50	6.72
R2/713	STUDIO	W4/713	37.16	34.57	2.59	6.97
R3/713	STUDIO	W5/713	37.21	34.25	2.96	7.95
R3/713	STUDIO	W6/713	37.18	34.11	3.07	8.26
R4/713	STUDIO	W7/713	31.95	28.75	3.20	10.02
R4/713	STUDIO	W8/713	34.41	31.10	3.31	9.62
R5/713	STUDIO	W9/713	36.52	32.76	3.76	10.30
R5/713	STUDIO	W10/713	36.73	32.82	3.91	10.65
R6/713	STUDIO	W11/713	36.82	32.44	4.38	11.90
R6/713	STUDIO	W12/713	36.86	32.31	4.55	12.34
R7/713	STUDIO	W13/713	36.91	31.60	5.31	14.39
R7/713	STUDIO	W14/713	36.88	31.10	5.78	15.67
R8/713	BEDROOM	W15/713	36.44	28.50	7.94	21.79
R8/713	BEDROOM	W16/713	36.50	28.38	8.12	22.25
R9/713	BEDROOM	W17/713	18.75	18.58	0.17	0.91
R9/713	BEDROOM	W18/713	18.89	18.71	0.18	0.95
R1/714	STUDIO	W1/714	36.85	34.81	2.04	5.54
R1/714	STUDIO	W2/714	37.10	34.99	2.11	5.69
R2/714	STUDIO	W3/714	37.24	34.85	2.39	6.42
R2/714	STUDIO	W4/714	37.26	34.79	2.47	6.63
R3/714	STUDIO	W5/714	37.17	34.40	2.77	7.45
R3/714	STUDIO	W6/714	37.19	34.28	2.91	7.82

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R4/714	STUDIO	W7/714	37.20	33.77	3.43	9.22
R4/714	STUDIO	W8/714	37.17	33.40	3.77	10.14
R5/714	BEDROOM	W9/714	36.78	31.45	5.33	14.49
R5/714	BEDROOM	W10/714	36.83	31.37	5.46	14.82
R6/714	BEDROOM	W11/714	19.14	19.03	0.11	0.57
R6/714	BEDROOM	W12/714	19.00	18.89	0.11	0.58
R1/715	STUDIO	W1/715	37.47	36.44	1.03	2.75
R1/715	STUDIO	W2/715	37.50	36.44	1.06	2.83
R2/715	STUDIO	W3/715	37.46	36.30	1.16	3.10
R2/715	STUDIO	W4/715	37.48	36.30	1.18	3.15
R3/715	STUDIO	W5/715	37.40	36.22	1.18	3.16
R3/715	STUDIO	W6/715	37.42	36.15	1.27	3.39
R4/715	STUDIO	W7/715	37.43	35.88	1.55	4.14
R4/715	STUDIO	W8/715	37.40	35.67	1.73	4.63
R5/715	BEDROOM	W9/715	37.10	34.42	2.68	7.22
R5/715	BEDROOM	W10/715	37.15	34.38	2.77	7.46
R6/715	BEDROOM	W11/715	19.38	19.33	0.05	0.26
R6/715	BEDROOM	W12/715	19.24	19.19	0.05	0.26
R1/716	STUDIO	W1/716	37.65	37.36	0.29	0.77
R1/716	STUDIO	W2/716	37.68	37.39	0.29	0.77
R2/716	STUDIO	W3/716	37.66	37.35	0.31	0.82
R2/716	STUDIO	W4/716	37.68	37.37	0.31	0.82
R3/716	STUDIO	W5/716	37.61	37.31	0.30	0.80
R3/716	STUDIO	W6/716	37.63	37.32	0.31	0.82
R4/716	STUDIO	W7/716	37.65	37.31	0.34	0.90
R4/716	STUDIO	W8/716	37.62	37.24	0.38	1.01
R5/716	BEDROOM	W9/716	37.42	36.77	0.65	1.74
R5/716	BEDROOM	W10/716	37.46	36.79	0.67	1.79
R6/716	BEDROOM	W11/716	19.61	19.60	0.01	0.05
R6/716	BEDROOM	W12/716	19.47	19.45	0.02	0.10
Building B, Downing Co-Living						
R1/802	STUDIO	W1/802	11.20	10.36	0.84	7.50
R1/802	STUDIO	W2/802	10.91	9.60	1.31	12.01
R1/802	STUDIO	W3/802	9.57	7.79	1.78	18.60
R1/802	STUDIO	W4/802	18.89	9.84	9.05	47.91
R1/802	STUDIO	W5/802	20.27	10.33	9.94	49.04
R1/802	STUDIO	W6/802	21.38	11.11	10.27	48.04
R1/802	STUDIO	W7/802	22.78	12.40	10.38	45.57

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R2/802	BEDROOM	W8/802	24.39	13.81	10.58	43.38
R2/802	BEDROOM	W9/802	24.99	14.34	10.65	42.62
R3/802	LKD	W10/802	25.94	15.28	10.66	41.09
R3/802	LKD	W11/802	26.32	15.73	10.59	40.24
R4/802	STUDIO	W12/802	26.89	16.34	10.55	39.23
R4/802	STUDIO	W13/802	27.16	16.57	10.59	38.99
R5/802	STUDIO	W14/802	27.44	16.97	10.47	38.16
R5/802	STUDIO	W15/802	27.50	17.09	10.41	37.85
R6/802	STUDIO	W16/802	27.83	17.43	10.40	37.37
R6/802	STUDIO	W17/802	27.91	17.70	10.21	36.58
R7/802	STUDIO	W18/802	27.85	17.73	10.12	36.34
R7/802	STUDIO	W19/802	27.86	17.77	10.09	36.22
R8/802	BEDROOM	W20/802	27.67	18.09	9.58	34.62
R8/802	BEDROOM	W21/802	27.59	18.17	9.42	34.14
R8/802	BEDROOM	W22/802	27.62	18.44	9.18	33.24
R9/802	LKD	W23/802	27.45	18.49	8.96	32.64
R9/802	LKD	W24/802	27.45	18.49	8.96	32.64
R9/802	LKD	W25/802	27.32	18.63	8.69	31.81
R9/802	LKD	W26/802	29.28	29.18	0.10	0.34
R9/802	LKD	W27/802	29.79	29.72	0.07	0.23
R9/802	LKD	W28/802	30.29	30.25	0.04	0.13
R9/802	LKD	W29/802	30.49	30.47	0.02	0.07
R1/803	STUDIO	W1/803	11.79	10.98	0.81	6.87
R1/803	STUDIO	W2/803	11.45	10.18	1.27	11.09
R1/803	STUDIO	W3/803	10.06	8.34	1.72	17.10
R1/803	STUDIO	W4/803	19.31	10.51	8.80	45.57
R1/803	STUDIO	W5/803	20.70	11.05	9.65	46.62
R1/803	STUDIO	W6/803	21.83	11.85	9.98	45.72
R1/803	STUDIO	W7/803	23.25	13.17	10.08	43.35
R2/803	BEDROOM	W8/803	24.91	14.61	10.30	41.35
R2/803	BEDROOM	W9/803	25.51	15.16	10.35	40.57
R3/803	LKD	W10/803	26.50	16.15	10.35	39.06
R3/803	LKD	W11/803	26.88	16.60	10.28	38.24
R4/803	STUDIO	W12/803	27.47	17.23	10.24	37.28
R4/803	STUDIO	W13/803	27.76	17.49	10.27	37.00
R5/803	STUDIO	W14/803	28.07	17.91	10.16	36.20
R5/803	STUDIO	W15/803	28.13	18.05	10.08	35.83
R6/803	STUDIO	W16/803	28.49	18.42	10.07	35.35
R6/803	STUDIO	W17/803	28.57	18.69	9.88	34.58
R7/803	STUDIO	W18/803	28.53	18.75	9.78	34.28
R7/803	STUDIO	W19/803	28.55	18.80	9.75	34.15

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R8/803	BEDROOM	W20/803	28.38	19.15	9.23	32.52
R8/803	BEDROOM	W21/803	28.31	19.23	9.08	32.07
R8/803	BEDROOM	W22/803	28.34	19.49	8.85	31.23
R9/803	LKD	W23/803	28.18	19.56	8.62	30.59
R9/803	LKD	W24/803	28.19	19.57	8.62	30.58
R9/803	LKD	W25/803	28.06	19.72	8.34	29.72
R9/803	LKD	W26/803	29.81	29.73	0.08	0.27
R9/803	LKD	W27/803	30.30	30.24	0.06	0.20
R9/803	LKD	W28/803	30.79	30.75	0.04	0.13
R9/803	LKD	W29/803	30.96	30.95	0.01	0.03
R1/804	STUDIO	W1/804	12.41	11.64	0.77	6.20
R1/804	STUDIO	W2/804	12.03	10.81	1.22	10.14
R1/804	STUDIO	W3/804	10.61	8.95	1.66	15.65
R1/804	STUDIO	W4/804	19.74	11.24	8.50	43.06
R1/804	STUDIO	W5/804	21.15	11.83	9.32	44.07
R1/804	STUDIO	W6/804	22.29	12.65	9.64	43.25
R1/804	STUDIO	W7/804	23.74	14.00	9.74	41.03
R2/804	BEDROOM	W8/804	25.43	15.49	9.94	39.09
R2/804	BEDROOM	W9/804	26.05	16.06	9.99	38.35
R3/804	LKD	W10/804	27.06	17.08	9.98	36.88
R3/804	LKD	W11/804	27.46	17.54	9.92	36.13
R4/804	STUDIO	W12/804	28.06	18.19	9.87	35.17
R4/804	STUDIO	W13/804	28.37	18.47	9.90	34.90
R5/804	STUDIO	W14/804	28.70	18.93	9.77	34.04
R5/804	STUDIO	W15/804	28.78	19.08	9.70	33.70
R6/804	STUDIO	W16/804	29.16	19.48	9.68	33.20
R6/804	STUDIO	W17/804	29.25	19.76	9.49	32.44
R7/804	STUDIO	W18/804	29.22	19.85	9.37	32.07
R7/804	STUDIO	W19/804	29.25	19.91	9.34	31.93
R8/804	BEDROOM	W20/804	29.11	20.27	8.84	30.37
R8/804	BEDROOM	W21/804	29.05	20.35	8.70	29.95
R8/804	BEDROOM	W22/804	29.09	20.62	8.47	29.12
R9/804	LKD	W23/804	28.94	20.71	8.23	28.44
R9/804	LKD	W24/804	28.94	20.72	8.22	28.40
R9/804	LKD	W25/804	28.82	20.87	7.95	27.59
R9/804	LKD	W26/804	30.32	30.24	0.08	0.26
R9/804	LKD	W27/804	30.79	30.72	0.07	0.23
R9/804	LKD	W28/804	31.25	31.22	0.03	0.10
R9/804	LKD	W29/804	31.40	31.38	0.02	0.06
R1/805	STUDIO	W1/805	13.08	12.34	0.74	5.66
R1/805	STUDIO	W2/805	12.66	11.50	1.16	9.16
R1/805	STUDIO	W3/805	11.20	9.62	1.58	14.11
R1/805	STUDIO	W4/805	20.19	12.04	8.15	40.37
R1/805	STUDIO	W5/805	21.61	12.68	8.93	41.32
R1/805	STUDIO	W6/805	22.77	13.53	9.24	40.58

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R1/805	STUDIO	W7/805	24.24	14.91	9.33	38.49
R2/805	BEDROOM	W8/805	25.97	16.45	9.52	36.66
R2/805	BEDROOM	W9/805	26.59	17.03	9.56	35.95
R3/805	LKD	W10/805	27.64	18.09	9.55	34.55
R3/805	LKD	W11/805	28.05	18.56	9.49	33.83
R4/805	STUDIO	W12/805	28.67	19.23	9.44	32.93
R4/805	STUDIO	W13/805	28.99	19.53	9.46	32.63
R5/805	STUDIO	W14/805	29.35	20.02	9.33	31.79
R5/805	STUDIO	W15/805	29.44	20.18	9.26	31.45
R6/805	STUDIO	W16/805	29.84	20.62	9.22	30.90
R6/805	STUDIO	W17/805	29.94	20.90	9.04	30.19
R7/805	STUDIO	W18/805	29.93	21.01	8.92	29.80
R7/805	STUDIO	W19/805	29.97	21.08	8.89	29.66
R8/805	BEDROOM	W20/805	29.86	21.47	8.39	28.10
R8/805	BEDROOM	W21/805	29.81	21.56	8.25	27.68
R8/805	BEDROOM	W22/805	29.85	21.82	8.03	26.90
R9/805	LKD	W23/805	29.72	21.92	7.80	26.24
R9/805	LKD	W24/805	29.72	21.93	7.79	26.21
R9/805	LKD	W25/805	29.61	22.09	7.52	25.40
R9/805	LKD	W26/805	30.82	30.74	0.08	0.26
R9/805	LKD	W27/805	31.25	31.19	0.06	0.19
R9/805	LKD	W28/805	31.70	31.67	0.03	0.09
R9/805	LKD	W29/805	31.82	31.80	0.02	0.06
R1/806	STUDIO	W1/806	13.80	13.11	0.69	5.00
R1/806	STUDIO	W2/806	13.33	12.23	1.10	8.25
R1/806	STUDIO	W3/806	11.84	10.34	1.50	12.67
R1/806	STUDIO	W4/806	20.65	12.92	7.73	37.43
R1/806	STUDIO	W5/806	22.08	13.60	8.48	38.41
R1/806	STUDIO	W6/806	23.25	14.49	8.76	37.68
R1/806	STUDIO	W7/806	24.75	15.90	8.85	35.76
R2/806	BEDROOM	W8/806	26.51	17.48	9.03	34.06
R2/806	BEDROOM	W9/806	27.15	18.08	9.07	33.41
R3/806	LKD	W10/806	28.23	19.17	9.06	32.09
R3/806	LKD	W11/806	28.65	19.65	9.00	31.41
R4/806	STUDIO	W12/806	29.28	20.34	8.94	30.53
R4/806	STUDIO	W13/806	29.62	20.67	8.95	30.22
R5/806	STUDIO	W14/806	30.01	21.19	8.82	29.39
R5/806	STUDIO	W15/806	30.11	21.36	8.75	29.06
R6/806	STUDIO	W16/806	30.54	21.83	8.71	28.52
R6/806	STUDIO	W17/806	30.64	22.11	8.53	27.84
R7/806	STUDIO	W18/806	30.66	22.26	8.40	27.40

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R7/806	STUDIO	W19/806	30.71	22.34	8.37	27.25
R8/806	BEDROOM	W20/806	30.63	22.74	7.89	25.76
R8/806	BEDROOM	W21/806	30.58	22.83	7.75	25.34
R8/806	BEDROOM	W22/806	30.63	23.08	7.55	24.65
R9/806	LKD	W23/806	30.51	23.20	7.31	23.96
R9/806	LKD	W24/806	30.52	23.22	7.30	23.92
R9/806	LKD	W25/806	30.43	23.37	7.06	23.20
R9/806	LKD	W26/806	31.33	31.25	0.08	0.26
R9/806	LKD	W27/806	31.73	31.68	0.05	0.16
R9/806	LKD	W28/806	32.16	32.13	0.03	0.09
R9/806	LKD	W29/806	32.25	32.23	0.02	0.06
R1/807	STUDIO	W1/807	14.58	13.93	0.65	4.46
R1/807	STUDIO	W2/807	14.05	13.03	1.02	7.26
R1/807	STUDIO	W3/807	12.52	11.12	1.40	11.18
R1/807	STUDIO	W4/807	21.12	13.87	7.25	34.33
R1/807	STUDIO	W5/807	22.56	14.61	7.95	35.24
R1/807	STUDIO	W6/807	23.75	15.53	8.22	34.61
R1/807	STUDIO	W7/807	25.27	16.97	8.30	32.85
R2/807	BEDROOM	W8/807	27.06	18.60	8.46	31.26
R2/807	BEDROOM	W9/807	27.71	19.21	8.50	30.67
R3/807	LKD	W10/807	28.83	20.35	8.48	29.41
R3/807	LKD	W11/807	29.26	20.83	8.43	28.81
R4/807	STUDIO	W12/807	29.91	21.54	8.37	27.98
R4/807	STUDIO	W13/807	30.27	21.89	8.38	27.68
R5/807	STUDIO	W14/807	30.68	22.43	8.25	26.89
R5/807	STUDIO	W15/807	30.79	22.62	8.17	26.53
R6/807	STUDIO	W16/807	31.24	23.12	8.12	25.99
R6/807	STUDIO	W17/807	31.35	23.40	7.95	25.36
R7/807	STUDIO	W18/807	31.39	23.57	7.82	24.91
R7/807	STUDIO	W19/807	31.45	23.66	7.79	24.77
R8/807	BEDROOM	W20/807	31.41	24.08	7.33	23.34
R8/807	BEDROOM	W21/807	31.36	24.17	7.19	22.93
R8/807	BEDROOM	W22/807	31.42	24.42	7.00	22.28
R9/807	LKD	W23/807	31.31	24.54	6.77	21.62
R9/807	LKD	W24/807	31.33	24.57	6.76	21.58
R9/807	LKD	W25/807	31.24	24.72	6.52	20.87
R9/807	LKD	W26/807	31.85	31.78	0.07	0.22
R9/807	LKD	W27/807	32.21	32.16	0.05	0.16
R9/807	LKD	W28/807	32.62	32.59	0.03	0.09
R9/807	LKD	W29/807	32.67	32.66	0.01	0.03
R1/808	STUDIO	W1/808	15.40	14.81	0.59	3.83
R1/808	STUDIO	W2/808	14.83	13.88	0.95	6.41
R1/808	STUDIO	W3/808	13.26	11.97	1.29	9.73
R1/808	STUDIO	W4/808	21.60	14.89	6.71	31.06

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R1/808	STUDIO	W5/808	23.04	15.70	7.34	31.86
R1/808	STUDIO	W6/808	24.25	16.66	7.59	31.30
R1/808	STUDIO	W7/808	25.80	18.12	7.68	29.77
R2/808	BEDROOM	W8/808	27.63	19.80	7.83	28.34
R2/808	BEDROOM	W9/808	28.29	20.44	7.85	27.75
R3/808	LKD	W10/808	29.44	21.61	7.83	26.60
R3/808	LKD	W11/808	29.88	22.10	7.78	26.04
R4/808	STUDIO	W12/808	30.54	22.83	7.71	25.25
R4/808	STUDIO	W13/808	30.91	23.19	7.72	24.98
R5/808	STUDIO	W14/808	31.35	23.76	7.59	24.21
R5/808	STUDIO	W15/808	31.48	23.95	7.53	23.92
R6/808	STUDIO	W16/808	31.95	24.48	7.47	23.38
R6/808	STUDIO	W17/808	32.06	24.76	7.30	22.77
R7/808	STUDIO	W18/808	32.13	24.96	7.17	22.32
R7/808	STUDIO	W19/808	32.20	25.06	7.14	22.17
R8/808	BEDROOM	W20/808	32.19	25.49	6.70	20.81
R8/808	BEDROOM	W21/808	32.16	25.58	6.58	20.46
R8/808	BEDROOM	W22/808	32.21	25.81	6.40	19.87
R9/808	LKD	W23/808	32.13	25.95	6.18	19.23
R9/808	LKD	W24/808	32.14	25.97	6.17	19.20
R9/808	LKD	W25/808	32.06	26.12	5.94	18.53
R9/808	LKD	W26/808	32.38	32.31	0.07	0.22
R9/808	LKD	W27/808	32.70	32.65	0.05	0.15
R9/808	LKD	W28/808	33.09	33.06	0.03	0.09
R9/808	LKD	W29/808	33.10	33.09	0.01	0.03
R1/809	STUDIO	W1/809	16.29	15.75	0.54	3.31
R1/809	STUDIO	W2/809	15.66	14.80	0.86	5.49
R1/809	STUDIO	W3/809	14.05	12.89	1.16	8.26
R1/809	STUDIO	W4/809	22.07	16.00	6.07	27.50
R1/809	STUDIO	W5/809	23.52	16.87	6.65	28.27
R1/809	STUDIO	W6/809	24.75	17.87	6.88	27.80
R1/809	STUDIO	W7/809	26.33	19.37	6.96	26.43
R2/809	BEDROOM	W8/809	28.18	21.10	7.08	25.12
R2/809	BEDROOM	W9/809	28.86	21.75	7.11	24.64
R3/809	LKD	W10/809	30.04	22.95	7.09	23.60
R3/809	LKD	W11/809	30.49	23.45	7.04	23.09
R4/809	STUDIO	W12/809	31.17	24.20	6.97	22.36
R4/809	STUDIO	W13/809	31.56	24.57	6.99	22.15
R5/809	STUDIO	W14/809	32.02	25.16	6.86	21.42
R5/809	STUDIO	W15/809	32.15	25.36	6.79	21.12
R6/809	STUDIO	W16/809	32.65	25.92	6.73	20.61
R6/809	STUDIO	W17/809	32.77	26.19	6.58	20.08

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R7/809	STUDIO	W18/809	32.86	26.41	6.45	19.63
R7/809	STUDIO	W19/809	32.95	26.52	6.43	19.51
R8/809	BEDROOM	W20/809	32.98	26.96	6.02	18.25
R8/809	BEDROOM	W21/809	32.95	27.04	5.91	17.94
R8/809	BEDROOM	W22/809	33.00	27.25	5.75	17.42
R9/809	LKD	W23/809	32.94	27.41	5.53	16.79
R9/809	LKD	W24/809	32.96	27.43	5.53	16.78
R9/809	LKD	W25/809	32.89	27.57	5.32	16.18
R9/809	LKD	W26/809	32.91	32.85	0.06	0.18
R9/809	LKD	W27/809	33.20	33.15	0.05	0.15
R9/809	LKD	W28/809	33.55	33.53	0.02	0.06
R9/809	LKD	W29/809	33.54	33.53	0.01	0.03
R1/810	STUDIO	W1/810	17.22	16.75	0.47	2.73
R1/810	STUDIO	W2/810	16.53	15.79	0.74	4.48
R1/810	STUDIO	W3/810	14.90	13.87	1.03	6.91
R1/810	STUDIO	W4/810	22.53	17.19	5.34	23.70
R1/810	STUDIO	W5/810	23.98	18.13	5.85	24.40
R1/810	STUDIO	W6/810	25.22	19.18	6.04	23.95
R1/810	STUDIO	W7/810	26.83	20.70	6.13	22.85
R2/810	BEDROOM	W8/810	28.71	22.48	6.23	21.70
R2/810	BEDROOM	W9/810	29.40	23.15	6.25	21.26
R3/810	LKD	W10/810	30.61	24.38	6.23	20.35
R3/810	LKD	W11/810	31.07	24.88	6.19	19.92
R4/810	STUDIO	W12/810	31.76	25.64	6.12	19.27
R4/810	STUDIO	W13/810	32.16	26.03	6.13	19.06
R5/810	STUDIO	W14/810	32.64	26.64	6.00	18.38
R5/810	STUDIO	W15/810	32.79	26.84	5.95	18.15
R6/810	STUDIO	W16/810	33.31	27.41	5.90	17.71
R6/810	STUDIO	W17/810	33.43	27.67	5.76	17.23
R7/810	STUDIO	W18/810	33.55	27.91	5.64	16.81
R7/810	STUDIO	W19/810	33.65	28.03	5.62	16.70
R8/810	BEDROOM	W20/810	33.72	28.47	5.25	15.57
R8/810	BEDROOM	W21/810	33.70	28.55	5.15	15.28
R8/810	BEDROOM	W22/810	33.75	28.74	5.01	14.84
R9/810	LKD	W23/810	33.72	28.90	4.82	14.29
R9/810	LKD	W24/810	33.74	28.92	4.82	14.29
R9/810	LKD	W25/810	33.68	29.06	4.62	13.72
R9/810	LKD	W26/810	33.45	33.40	0.05	0.15
R9/810	LKD	W27/810	33.70	33.66	0.04	0.12
R9/810	LKD	W28/810	34.02	34.00	0.02	0.06
R9/810	LKD	W29/810	33.98	33.97	0.01	0.03
R1/811	STUDIO	W1/811	18.22	17.82	0.40	2.20
R1/811	STUDIO	W2/811	17.47	16.84	0.63	3.61

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R1/811	STUDIO	W3/811	15.80	14.93	0.87	5.51
R1/811	STUDIO	W4/811	22.98	18.43	4.55	19.80
R1/811	STUDIO	W5/811	24.42	19.44	4.98	20.39
R1/811	STUDIO	W6/811	25.69	20.54	5.15	20.05
R1/811	STUDIO	W7/811	27.33	22.10	5.23	19.14
R2/811	BEDROOM	W8/811	29.24	23.93	5.31	18.16
R2/811	BEDROOM	W9/811	29.93	24.61	5.32	17.77
R3/811	LKD	W10/811	31.17	25.87	5.30	17.00
R3/811	LKD	W11/811	31.64	26.38	5.26	16.62
R4/811	STUDIO	W12/811	32.34	27.15	5.19	16.05
R4/811	STUDIO	W13/811	32.75	27.55	5.20	15.88
R5/811	STUDIO	W14/811	33.26	28.16	5.10	15.33
R5/811	STUDIO	W15/811	33.42	28.38	5.04	15.08
R6/811	STUDIO	W16/811	33.95	28.95	5.00	14.73
R6/811	STUDIO	W17/811	34.08	29.20	4.88	14.32
R7/811	STUDIO	W18/811	34.23	29.46	4.77	13.94
R7/811	STUDIO	W19/811	34.34	29.58	4.76	13.86
R8/811	BEDROOM	W20/811	34.44	30.01	4.43	12.86
R8/811	BEDROOM	W21/811	34.43	30.09	4.34	12.61
R8/811	BEDROOM	W22/811	34.49	30.26	4.23	12.26
R9/811	LKD	W23/811	34.48	30.42	4.06	11.77
R9/811	LKD	W24/811	34.50	30.44	4.06	11.77
R9/811	LKD	W25/811	34.46	30.57	3.89	11.29
R9/811	LKD	W26/811	33.99	33.95	0.04	0.12
R9/811	LKD	W27/811	34.19	34.16	0.03	0.09
R9/811	LKD	W28/811	34.49	34.47	0.02	0.06
R9/811	LKD	W29/811	34.41	34.40	0.01	0.03
R1/812	STUDIO	W1/812	19.30	18.97	0.33	1.71
R1/812	STUDIO	W2/812	18.49	17.97	0.52	2.81
R1/812	STUDIO	W3/812	16.79	16.08	0.71	4.23
R1/812	STUDIO	W4/812	23.45	19.73	3.72	15.86
R1/812	STUDIO	W5/812	24.89	20.82	4.07	16.35
R1/812	STUDIO	W6/812	26.17	21.95	4.22	16.13
R1/812	STUDIO	W7/812	27.82	23.54	4.28	15.38
R2/812	BEDROOM	W8/812	29.75	25.40	4.35	14.62
R2/812	BEDROOM	W9/812	30.43	26.09	4.34	14.26
R3/812	LKD	W10/812	31.69	27.37	4.32	13.63
R3/812	LKD	W11/812	32.17	27.88	4.29	13.34
R4/812	STUDIO	W12/812	32.87	28.65	4.22	12.84
R4/812	STUDIO	W13/812	33.29	29.06	4.23	12.71
R5/812	STUDIO	W14/812	33.82	29.68	4.14	12.24
R5/812	STUDIO	W15/812	33.99	29.90	4.09	12.03

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R6/812	STUDIO	W16/812	34.54	30.48	4.06	11.75
R6/812	STUDIO	W17/812	34.67	30.71	3.96	11.42
R7/812	STUDIO	W18/812	34.84	30.98	3.86	11.08
R7/812	STUDIO	W19/812	34.96	31.11	3.85	11.01
R8/812	BEDROOM	W20/812	35.12	31.53	3.59	10.22
R8/812	BEDROOM	W21/812	35.11	31.60	3.51	10.00
R8/812	BEDROOM	W22/812	35.17	31.75	3.42	9.72
R9/812	LKD	W23/812	35.19	31.91	3.28	9.32
R9/812	LKD	W24/812	35.21	31.93	3.28	9.32
R9/812	LKD	W25/812	35.19	32.04	3.15	8.95
R9/812	LKD	W26/812	34.50	34.47	0.03	0.09
R9/812	LKD	W27/812	34.66	34.63	0.03	0.09
R9/812	LKD	W28/812	34.93	34.92	0.01	0.03
R9/812	LKD	W29/812	34.82	34.81	0.01	0.03
R1/813	STUDIO	W1/813	20.46	20.21	0.25	1.22
R1/813	STUDIO	W2/813	19.59	19.19	0.40	2.04
R1/813	STUDIO	W3/813	17.86	17.31	0.55	3.08
R1/813	STUDIO	W4/813	23.98	21.12	2.86	11.93
R1/813	STUDIO	W5/813	25.41	22.27	3.14	12.36
R1/813	STUDIO	W6/813	26.70	23.45	3.25	12.17
R1/813	STUDIO	W7/813	28.35	25.05	3.30	11.64
R2/813	BEDROOM	W8/813	30.28	26.93	3.35	11.06
R2/813	BEDROOM	W9/813	30.95	27.61	3.34	10.79
R3/813	LKD	W10/813	32.22	28.90	3.32	10.30
R3/813	LKD	W11/813	32.71	29.42	3.29	10.06
R4/813	STUDIO	W12/813	33.40	30.17	3.23	9.67
R4/813	STUDIO	W13/813	33.82	30.58	3.24	9.58
R5/813	STUDIO	W14/813	34.36	31.20	3.16	9.20
R5/813	STUDIO	W15/813	34.55	31.41	3.14	9.09
R6/813	STUDIO	W16/813	35.08	31.98	3.10	8.84
R6/813	STUDIO	W17/813	35.21	32.18	3.03	8.61
R7/813	STUDIO	W18/813	35.41	32.46	2.95	8.33
R7/813	STUDIO	W19/813	35.54	32.58	2.96	8.33
R8/813	BEDROOM	W20/813	35.72	32.99	2.73	7.64
R8/813	BEDROOM	W21/813	35.72	33.04	2.68	7.50
R8/813	BEDROOM	W22/813	35.78	33.16	2.62	7.32
R9/813	LKD	W23/813	35.81	33.31	2.50	6.98
R9/813	LKD	W24/813	35.84	33.34	2.50	6.98
R9/813	LKD	W25/813	35.83	33.43	2.40	6.70
R9/813	LKD	W26/813	34.97	34.94	0.03	0.09
R9/813	LKD	W27/813	35.08	35.06	0.02	0.06
R9/813	LKD	W28/813	35.33	35.32	0.01	0.03
R9/813	LKD	W29/813	35.19	35.18	0.01	0.03

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R1/814	STUDIO	W1/814	21.72	21.54	0.18	0.83
R1/814	STUDIO	W2/814	20.79	20.50	0.29	1.39
R1/814	STUDIO	W3/814	19.04	18.65	0.39	2.05
R1/814	STUDIO	W4/814	24.59	22.57	2.02	8.21
R1/814	STUDIO	W5/814	26.01	23.79	2.22	8.54
R1/814	STUDIO	W6/814	27.31	25.00	2.31	8.46
R1/814	STUDIO	W7/814	28.96	26.62	2.34	8.08
R2/814	BEDROOM	W8/814	30.87	28.50	2.37	7.68
R2/814	BEDROOM	W9/814	31.51	29.17	2.34	7.43
R3/814	LKD	W10/814	32.77	30.45	2.32	7.08
R3/814	LKD	W11/814	33.26	30.96	2.30	6.92
R4/814	STUDIO	W12/814	33.94	31.69	2.25	6.63
R4/814	STUDIO	W13/814	34.35	32.09	2.26	6.58
R5/814	STUDIO	W14/814	34.91	32.70	2.21	6.33
R5/814	STUDIO	W15/814	35.10	32.91	2.19	6.24
R6/814	STUDIO	W16/814	35.62	33.45	2.17	6.09
R6/814	STUDIO	W17/814	35.75	33.64	2.11	5.90
R7/814	STUDIO	W18/814	35.97	33.91	2.06	5.73
R7/814	STUDIO	W19/814	36.10	34.03	2.07	5.73
R8/814	BEDROOM	W20/814	36.31	34.41	1.90	5.23
R8/814	BEDROOM	W21/814	36.32	34.45	1.87	5.15
R8/814	BEDROOM	W22/814	36.36	34.53	1.83	5.03
R9/814	LKD	W23/814	36.40	34.66	1.74	4.78
R9/814	LKD	W24/814	36.45	34.70	1.75	4.80
R9/814	LKD	W25/814	36.44	34.77	1.67	4.58
R9/814	LKD	W26/814	35.41	35.40	0.01	0.03
R9/814	LKD	W27/814	35.49	35.47	0.02	0.06
R9/814	LKD	W28/814	35.72	35.72	0.00	0.00
R9/814	LKD	W29/814	35.55	35.54	0.01	0.03
R1/815	STUDIO	W1/815	23.09	22.98	0.11	0.48
R1/815	STUDIO	W2/815	22.11	21.94	0.17	0.77
R1/815	STUDIO	W3/815	20.36	20.12	0.24	1.18
R1/815	STUDIO	W4/815	25.32	24.11	1.21	4.78
R1/815	STUDIO	W5/815	26.73	25.39	1.34	5.01
R1/815	STUDIO	W6/815	28.02	26.63	1.39	4.96
R1/815	STUDIO	W7/815	29.65	28.24	1.41	4.76
R2/815	BEDROOM	W8/815	31.53	30.09	1.44	4.57
R2/815	BEDROOM	W9/815	32.14	30.72	1.42	4.42
R3/815	LKD	W10/815	33.36	31.96	1.40	4.20
R3/815	LKD	W11/815	33.83	32.44	1.39	4.11
R4/815	STUDIO	W12/815	34.49	33.13	1.36	3.94
R4/815	STUDIO	W13/815	34.87	33.51	1.36	3.90
R5/815	STUDIO	W14/815	35.42	34.10	1.32	3.73

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R5/815	STUDIO	W15/815	35.61	34.30	1.31	3.68
R6/815	STUDIO	W16/815	36.11	34.81	1.30	3.60
R6/815	STUDIO	W17/815	36.24	34.98	1.26	3.48
R7/815	STUDIO	W18/815	36.46	35.25	1.21	3.32
R7/815	STUDIO	W19/815	36.59	35.36	1.23	3.36
R8/815	BEDROOM	W20/815	36.82	35.69	1.13	3.07
R8/815	BEDROOM	W21/815	36.82	35.71	1.11	3.01
R8/815	BEDROOM	W22/815	36.86	35.78	1.08	2.93
R9/815	LKD	W23/815	36.91	35.88	1.03	2.79
R9/815	LKD	W24/815	36.97	35.92	1.05	2.84
R9/815	LKD	W25/815	36.97	35.97	1.00	2.70
R9/815	LKD	W26/815	35.81	35.79	0.02	0.06
R9/815	LKD	W27/815	35.85	35.84	0.01	0.03
R9/815	LKD	W28/815	36.07	36.06	0.01	0.03
R9/815	LKD	W29/815	35.87	35.87	0.00	0.00
R1/816	STUDIO	W1/816	24.61	24.57	0.04	0.16
R1/816	STUDIO	W2/816	23.60	23.53	0.07	0.30
R1/816	STUDIO	W3/816	21.86	21.77	0.09	0.41
R1/816	STUDIO	W4/816	26.24	25.76	0.48	1.83
R1/816	STUDIO	W5/816	27.62	27.09	0.53	1.92
R1/816	STUDIO	W6/816	28.89	28.33	0.56	1.94
R1/816	STUDIO	W7/816	30.48	29.91	0.57	1.87
R2/816	BEDROOM	W8/816	32.28	31.70	0.58	1.80
R2/816	BEDROOM	W9/816	32.86	32.28	0.58	1.77
R3/816	LKD	W10/816	34.02	33.44	0.58	1.70
R3/816	LKD	W11/816	34.47	33.89	0.58	1.68
R4/816	STUDIO	W12/816	35.08	34.51	0.57	1.62
R4/816	STUDIO	W13/816	35.42	34.85	0.57	1.61
R5/816	STUDIO	W14/816	35.94	35.37	0.57	1.59
R5/816	STUDIO	W15/816	36.12	35.56	0.56	1.55
R6/816	STUDIO	W16/816	36.57	36.00	0.57	1.56
R6/816	STUDIO	W17/816	36.70	36.14	0.56	1.53
R7/816	STUDIO	W18/816	36.92	36.38	0.54	1.46
R7/816	STUDIO	W19/816	37.04	36.48	0.56	1.51
R8/816	BEDROOM	W20/816	37.27	36.75	0.52	1.40
R8/816	BEDROOM	W21/816	37.28	36.77	0.51	1.37
R8/816	BEDROOM	W22/816	37.31	36.81	0.50	1.34
R9/816	LKD	W23/816	37.35	36.87	0.48	1.29
R9/816	LKD	W24/816	37.43	36.94	0.49	1.31
R9/816	LKD	W25/816	37.44	36.97	0.47	1.26
R9/816	LKD	W26/816	36.16	36.15	0.01	0.03
R9/816	LKD	W27/816	36.17	36.17	0.00	0.00
R9/816	LKD	W28/816	36.38	36.37	0.01	0.03

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R9/816	LKD	W29/816	36.16	36.16	0.00	0.00
City South Apartments						
R1/300	BEDROOM	W1/300	31.00	31.00	0.00	0.00
R1/300	BEDROOM	W2/300	31.80	31.80	0.00	0.00
R1/300	BEDROOM	W3/300	23.62	23.57	0.05	0.21
R2/300	BEDROOM	W4/300	20.40	20.36	0.04	0.20
R3/300	LKD	W5/300	12.60	12.55	0.05	0.40
R4/300	LKD	W6/300	10.91	10.87	0.04	0.37
R5/300	LKD	W7/300	7.33	7.33	0.00	0.00
R6/300	BEDROOM	W8/300	16.85	16.80	0.05	0.30
R7/300	BEDROOM	W9/300	17.99	17.94	0.05	0.28
R8/300	BEDROOM	W10/300	20.01	19.96	0.05	0.25
R9/300	BEDROOM	W11/300	21.64	21.58	0.06	0.28
R10/300	LKD	W12/300	20.58	20.54	0.04	0.19
R11/300	LKD	W13/300	21.08	21.03	0.05	0.24
R12/300	BEDROOM	W14/300	23.91	23.87	0.04	0.17
R13/300	BEDROOM	W15/300	24.07	24.04	0.03	0.12
R14/300	BEDROOM	W16/300	25.64	25.61	0.03	0.12
R15/300	BEDROOM	W17/300	25.04	25.01	0.03	0.12
R16/300	LKD	W18/300	21.80	21.77	0.03	0.14
R17/300	BEDROOM	W19/300	23.03	23.01	0.02	0.09
R18/300	BEDROOM	W20/300	23.14	23.13	0.01	0.04
R19/300	LKD	W21/300	18.81	18.80	0.01	0.05
R20/300	LKD	W22/300	20.00	19.99	0.01	0.05
R21/300	BEDROOM	W23/300	26.38	26.36	0.02	0.08
R21/300	BEDROOM	W24/300	28.90	28.66	0.24	0.83
R21/300	BEDROOM	W25/300	28.97	28.76	0.21	0.72
R22/300	BEDROOM	W26/300	28.92	28.65	0.27	0.93
R22/300	BEDROOM	W27/300	28.89	28.60	0.29	1.00
R23/300	BEDROOM	W28/300	22.82	22.54	0.28	1.23
R24/300	BEDROOM	W29/300	29.12	28.80	0.32	1.10

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R25/300	BEDROOM	W30/300	29.31	28.91	0.40	1.36
R26/300	LKD	W31/300	29.05	28.65	0.40	1.38
R27/300	LKD	W32/300	5.66	5.66	0.00	0.00
R27/300	LKD	W33/300	11.71	11.71	0.00	0.00
R28/300	BEDROOM	W34/300	12.83	12.83	0.00	0.00
R29/300	BEDROOM	W35/300	13.22	13.22	0.00	0.00
R30/300	BEDROOM	W36/300	7.05	7.05	0.00	0.00
R31/300	LKD	W37/300	14.80	14.80	0.00	0.00
R32/300	BEDROOM	W38/300	15.01	15.01	0.00	0.00
R33/300	BEDROOM	W39/300	6.71	6.71	0.00	0.00
R34/300	BEDROOM	W40/300	6.96	6.96	0.00	0.00
R35/300	BEDROOM	W41/300	15.90	15.90	0.00	0.00
R36/300	LKD	W42/300	16.41	16.41	0.00	0.00
R37/300	BEDROOM	W43/300	15.63	15.63	0.00	0.00
R38/300	BEDROOM	W44/300	15.23	15.23	0.00	0.00
R39/300	LKD	W45/300	16.64	16.64	0.00	0.00
R39/300	LKD	W46/300	11.59	11.59	0.00	0.00
R39/300	LKD	W47/300	2.87	2.87	0.00	0.00
R1/301	BEDROOM	W1/301	32.74	32.74	0.00	0.00
R1/301	BEDROOM	W2/301	33.45	33.45	0.00	0.00
R1/301	BEDROOM	W3/301	24.50	24.44	0.06	0.24
R2/301	BEDROOM	W4/301	21.48	21.43	0.05	0.23
R3/301	LKD	W5/301	13.46	13.41	0.05	0.37
R4/301	LKD	W6/301	12.12	12.07	0.05	0.41
R5/301	BEDROOM	W7/301	18.32	18.27	0.05	0.27
R6/301	BEDROOM	W8/301	15.76	15.76	0.00	0.00
R7/301	BEDROOM	W9/301	12.58	12.58	0.00	0.00
R8/301	LKD	W10/301	14.68	14.62	0.06	0.41
R9/301	BEDROOM	W11/301	19.07	19.01	0.06	0.31
R10/301	BEDROOM	W12/301	20.25	20.20	0.05	0.25

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R11/301	BEDROOM	W13/301	22.41	22.36	0.05	0.22
R12/301	BEDROOM	W14/301	23.67	23.61	0.06	0.25
R13/301	LKD	W15/301	17.14	17.09	0.05	0.29
R14/301	LKD	W16/301	16.93	16.93	0.00	0.00
R15/301	BEDROOM	W17/301	25.69	25.64	0.05	0.19
R16/301	BEDROOM	W18/301	25.68	25.63	0.05	0.19
R17/301	BEDROOM	W19/301	26.54	26.50	0.04	0.15
R18/301	BEDROOM	W20/301	26.00	25.96	0.04	0.15
R19/301	LKD	W21/301	22.61	22.57	0.04	0.18
R20/301	BEDROOM	W22/301	23.77	23.75	0.02	0.08
R21/301	BEDROOM	W23/301	23.97	23.96	0.01	0.04
R22/301	LKD	W24/301	19.76	19.74	0.02	0.10
R23/301	LKD	W25/301	21.00	20.98	0.02	0.10
R24/301	BEDROOM	W26/301	27.17	27.15	0.02	0.07
R24/301	BEDROOM	W27/301	29.85	29.63	0.22	0.74
R24/301	BEDROOM	W28/301	29.98	29.79	0.19	0.63
R25/301	BEDROOM	W29/301	29.93	29.67	0.26	0.87
R25/301	BEDROOM	W30/301	29.88	29.58	0.30	1.00
R26/301	BEDROOM	W31/301	23.66	23.36	0.30	1.27
R27/301	BEDROOM	W32/301	30.18	29.84	0.34	1.13
R28/301	BEDROOM	W33/301	30.41	29.96	0.45	1.48
R29/301	LKD	W34/301	30.17	29.71	0.46	1.52
R30/301	LKD	W35/301	6.83	6.83	0.00	0.00
R30/301	LKD	W36/301	14.55	14.55	0.00	0.00
R31/301	BEDROOM	W37/301	16.18	16.18	0.00	0.00
R32/301	BEDROOM	W38/301	16.82	16.82	0.00	0.00
R33/301	BEDROOM	W39/301	10.58	10.58	0.00	0.00
R34/301	LKD	W40/301	18.48	18.48	0.00	0.00
R35/301	BEDROOM	W41/301	18.57	18.57	0.00	0.00
R36/301	BEDROOM	W42/301	9.94	9.94	0.00	0.00

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R37/301	BEDROOM	W43/301	10.23	10.23	0.00	0.00
R38/301	BEDROOM	W44/301	19.13	19.13	0.00	0.00
R39/301	LKD	W45/301	19.56	19.56	0.00	0.00
R40/301	BEDROOM	W46/301	18.36	18.36	0.00	0.00
R41/301	BEDROOM	W47/301	17.87	17.87	0.00	0.00
R42/301	LKD	W48/301	19.50	19.50	0.00	0.00
R42/301	LKD	W49/301	13.98	13.98	0.00	0.00
R42/301	LKD	W50/301	3.72	3.72	0.00	0.00
R1/302	BEDROOM	W1/302	33.02	33.02	0.00	0.00
R1/302	BEDROOM	W2/302	33.76	33.76	0.00	0.00
R1/302	BEDROOM	W3/302	25.37	25.31	0.06	0.24
R2/302	BEDROOM	W4/302	22.51	22.46	0.05	0.22
R3/302	LKD	W5/302	14.59	14.53	0.06	0.41
R4/302	LKD	W6/302	13.64	13.59	0.05	0.37
R5/302	BEDROOM	W7/302	20.30	20.24	0.06	0.30
R6/302	BEDROOM	W8/302	18.01	18.01	0.00	0.00
R7/302	BEDROOM	W9/302	14.35	14.35	0.00	0.00
R8/302	LKD	W10/302	20.63	20.57	0.06	0.29
R9/302	BEDROOM	W11/302	21.74	21.68	0.06	0.28
R10/302	BEDROOM	W12/302	22.42	22.36	0.06	0.27
R11/302	BEDROOM	W13/302	24.04	23.99	0.05	0.21
R12/302	BEDROOM	W14/302	25.02	24.96	0.06	0.24
R13/302	LKD	W15/302	16.98	16.93	0.05	0.29
R14/302	LKD	W16/302	16.78	16.78	0.00	0.00
R15/302	BEDROOM	W17/302	26.49	26.45	0.04	0.15
R16/302	BEDROOM	W18/302	26.43	26.37	0.06	0.23
R17/302	BEDROOM	W19/302	27.21	27.17	0.04	0.15
R18/302	BEDROOM	W20/302	27.42	27.37	0.05	0.18
R19/302	LKD	W21/302	27.63	27.58	0.05	0.18
R20/302	BEDROOM	W22/302	24.65	24.62	0.03	0.12

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R21/302	BEDROOM	W23/302	25.34	25.32	0.02	0.08
R22/302	LKD	W24/302	20.69	20.67	0.02	0.10
R23/302	LKD	W25/302	21.87	21.86	0.01	0.05
R24/302	BEDROOM	W26/302	28.15	28.14	0.01	0.04
R24/302	BEDROOM	W27/302	30.64	30.44	0.20	0.65
R24/302	BEDROOM	W28/302	30.77	30.60	0.17	0.55
R25/302	BEDROOM	W29/302	30.73	30.49	0.24	0.78
R25/302	BEDROOM	W30/302	30.69	30.41	0.28	0.91
R26/302	BEDROOM	W31/302	24.23	23.95	0.28	1.16
R27/302	BEDROOM	W32/302	31.00	30.68	0.32	1.03
R28/302	BEDROOM	W33/302	31.21	30.79	0.42	1.35
R29/302	LKD	W34/302	30.96	30.52	0.44	1.42
R30/302	LKD	W35/302	7.92	7.92	0.00	0.00
R30/302	LKD	W36/302	17.78	17.78	0.00	0.00
R31/302	BEDROOM	W37/302	19.84	19.84	0.00	0.00
R32/302	BEDROOM	W38/302	20.56	20.56	0.00	0.00
R33/302	BEDROOM	W39/302	14.29	14.29	0.00	0.00
R34/302	LKD	W40/302	22.74	22.74	0.00	0.00
R35/302	BEDROOM	W41/302	22.73	22.73	0.00	0.00
R36/302	BEDROOM	W42/302	13.52	13.52	0.00	0.00
R37/302	BEDROOM	W43/302	13.88	13.88	0.00	0.00
R38/302	BEDROOM	W44/302	22.83	22.83	0.00	0.00
R39/302	LKD	W45/302	23.01	23.01	0.00	0.00
R40/302	BEDROOM	W46/302	21.29	21.29	0.00	0.00
R41/302	BEDROOM	W47/302	20.59	20.59	0.00	0.00
R42/302	LKD	W48/302	22.62	22.62	0.00	0.00
R42/302	LKD	W49/302	16.72	16.72	0.00	0.00
R42/302	LKD	W50/302	4.99	4.99	0.00	0.00
R43/302	LKD	W51/302	8.70	8.70	0.00	0.00
R44/302		W52/302	7.30	7.30	0.00	0.00
R44/302		W53/302	5.40	5.40	0.00	0.00
R1/303	BEDROOM	W1/303	33.13	33.13	0.00	0.00

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R1/303	BEDROOM	W2/303	33.92	33.92	0.00	0.00
R1/303	BEDROOM	W3/303	26.31	26.26	0.05	0.19
R2/303	BEDROOM	W4/303	23.85	23.80	0.05	0.21
R3/303	LKD	W5/303	15.80	15.74	0.06	0.38
R4/303	LKD	W6/303	15.22	15.17	0.05	0.33
R5/303	BEDROOM	W7/303	22.40	22.34	0.06	0.27
R6/303	BEDROOM	W8/303	20.69	20.67	0.02	0.10
R7/303	BEDROOM	W9/303	20.80	20.80	0.00	0.00
R8/303	LKD	W10/303	17.27	17.27	0.00	0.00
R8/303	LKD	W11/303	18.49	18.43	0.06	0.32
R9/303	BEDROOM	W12/303	19.85	19.79	0.06	0.30
R10/303	BEDROOM	W13/303	20.01	20.01	0.00	0.00
R11/303	BEDROOM	W14/303	22.75	22.69	0.06	0.26
R12/303	BEDROOM	W15/303	23.70	23.65	0.05	0.21
R13/303	LKD	W16/303	19.91	19.85	0.06	0.30
R14/303	LKD	W17/303	20.22	20.22	0.00	0.00
R15/303	BEDROOM	W18/303	24.99	24.93	0.06	0.24
R16/303	BEDROOM	W19/303	23.10	23.10	0.00	0.00
R17/303	BEDROOM	W20/303	24.30	24.25	0.05	0.21
R18/303	BEDROOM	W21/303	27.01	26.97	0.04	0.15
R19/303	LKD	W22/303	27.08	27.06	0.02	0.07
R19/303	LKD	W23/303	27.78	27.65	0.13	0.47
R20/303	BEDROOM	W24/303	24.88	24.86	0.02	0.08
R21/303	BEDROOM	W25/303	27.96	27.94	0.02	0.07
R22/303	LKD	W26/303	28.98	28.97	0.01	0.03
R23/303	LKD	W27/303	29.43	29.42	0.01	0.03
R23/303	LKD	W28/303	29.83	29.82	0.01	0.03
R24/303	BEDROOM	W29/303	29.94	29.92	0.02	0.07
R24/303	BEDROOM	W30/303	28.44	28.29	0.15	0.53
R24/303	BEDROOM	W31/303	22.99	22.82	0.17	0.74
R25/303	BEDROOM	W32/303	27.45	27.20	0.25	0.91

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R26/303	BEDROOM	W33/303	29.71	29.42	0.29	0.98
R27/303	BEDROOM	W34/303	31.87	31.58	0.29	0.91
R28/303	BEDROOM	W35/303	31.93	31.54	0.39	1.22
R29/303	LKD	W36/303	31.67	31.25	0.42	1.33
R30/303	LKD	W37/303	9.32	9.32	0.00	0.00
R30/303	LKD	W38/303	21.38	21.37	0.01	0.05
R31/303	BEDROOM	W39/303	23.67	23.67	0.00	0.00
R32/303	BEDROOM	W40/303	24.47	24.47	0.00	0.00
R33/303	BEDROOM	W41/303	18.89	18.89	0.00	0.00
R34/303	LKD	W42/303	26.80	26.80	0.00	0.00
R35/303	BEDROOM	W43/303	26.67	26.67	0.00	0.00
R36/303	BEDROOM	W44/303	18.06	18.06	0.00	0.00
R37/303	BEDROOM	W45/303	18.58	18.58	0.00	0.00
R38/303	BEDROOM	W46/303	26.68	26.68	0.00	0.00
R39/303	LKD	W47/303	26.53	26.53	0.00	0.00
R40/303	BEDROOM	W48/303	24.17	24.17	0.00	0.00
R41/303	BEDROOM	W49/303	23.13	23.13	0.00	0.00
R42/303	LKD	W50/303	26.09	26.09	0.00	0.00
R42/303	LKD	W51/303	19.80	19.80	0.00	0.00
R42/303	LKD	W52/303	6.94	6.94	0.00	0.00
R43/303	LKD	W53/303	10.82	10.82	0.00	0.00
R44/303		W54/303	8.79	8.79	0.00	0.00
R44/303		W55/303	7.51	7.51	0.00	0.00
R1/304	BEDROOM	W1/304	26.55	26.55	0.00	0.00
R1/304	BEDROOM	W2/304	24.70	24.65	0.05	0.20
R1/304	BEDROOM	W3/304	22.63	22.63	0.00	0.00
R2/304	BEDROOM	W4/304	23.04	22.99	0.05	0.22
R3/304	LKD	W5/304	22.51	22.46	0.05	0.22
R4/304	LKD	W6/304	22.40	22.35	0.05	0.22
R5/304	BEDROOM	W7/304	20.98	20.93	0.05	0.24
R6/304	BEDROOM	W8/304	18.98	18.93	0.05	0.26
R6/304	BEDROOM	W9/304	22.71	22.66	0.05	0.22

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R7/304	BEDROOM	W10/304	24.57	24.51	0.06	0.24
R8/304		W11/304	29.04	29.01	0.03	0.10
R9/304		W12/304	29.62	29.59	0.03	0.10
R10/304		W13/304	30.24	30.20	0.04	0.13
R11/304		W14/304	30.15	30.12	0.03	0.10
R12/304		W15/304	30.10	30.07	0.03	0.10
R13/304		W16/304	30.01	29.99	0.02	0.07
R14/304	BEDROOM	W17/304	29.83	29.83	0.00	0.00
R15/304	LKD	W18/304	29.57	29.55	0.02	0.07
R16/304	BEDROOM	W19/304	32.20	31.92	0.28	0.87
R17/304	BEDROOM	W20/304	31.18	30.84	0.34	1.09
R18/304	BEDROOM	W21/304	24.78	24.40	0.38	1.53
R19/304	LKD	W22/304	6.54	6.53	0.01	0.15
R19/304	LKD	W23/304	20.56	20.53	0.03	0.15
R20/304	BEDROOM	W24/304	22.34	22.32	0.02	0.09
R21/304	BEDROOM	W25/304	22.97	22.97	0.00	0.00
R22/304	BEDROOM	W26/304	18.38	18.38	0.00	0.00
R23/304	LKD	W27/304	11.52	11.52	0.00	0.00
R23/304	LKD	W28/304	30.16	30.16	0.00	0.00
R24/304	LKD	W29/304	29.88	29.88	0.00	0.00
R25/304	BEDROOM	W30/304	29.52	29.52	0.00	0.00
R26/304	BEDROOM	W31/304	29.56	29.56	0.00	0.00
R27/304	LKD	W32/304	28.00	28.00	0.00	0.00
R28/304	LKD	W33/304	27.79	27.79	0.00	0.00
R29/304	BEDROOM	W34/304	26.71	26.71	0.00	0.00
R30/304	BEDROOM	W35/304	25.42	25.42	0.00	0.00
R31/304	LKD	W36/304	30.55	30.55	0.00	0.00
R31/304	LKD	W37/304	23.01	23.01	0.00	0.00
R31/304	LKD	W38/304	10.12	10.12	0.00	0.00
R32/304	LKD	W39/304	14.82	14.82	0.00	0.00

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R33/304		W40/304	11.33	11.33	0.00	0.00
R33/304		W41/304	11.21	11.21	0.00	0.00
R1/305		W1/305	29.83	29.79	0.04	0.13
R2/305		W2/305	30.01	29.97	0.04	0.13
R3/305		W3/305	29.94	29.90	0.04	0.13
R6/305	BEDROOM	W6/305	28.24	28.24	0.00	0.00
R6/305	BEDROOM	W7/305	31.34	31.30	0.04	0.13
R7/305	LKD	W8/305	31.32	31.27	0.05	0.16
R8/305	LKD	W9/305	31.63	31.58	0.05	0.16
R8/305	LKD	W10/305	30.93	30.93	0.00	0.00
R8/305	LKD	W11/305	32.15	31.84	0.31	0.96
R8/305	LKD	W12/305	32.06	31.73	0.33	1.03
R9/305	BEDROOM	W13/305	33.09	32.69	0.40	1.21
R10/305		W14/305	20.41	20.41	0.00	0.00
R11/305		W15/305	17.52	17.52	0.00	0.00
R12/305		W16/305	15.77	15.77	0.00	0.00
R1/306	LKD	W1/306	27.93	27.93	0.00	0.00
R1/306	LKD	W2/306	30.95	30.95	0.00	0.00
R2/306	BEDROOM	W3/306	32.28	32.24	0.04	0.12
R3/306	LKD	W4/306	30.67	30.61	0.06	0.20
R3/306	LKD	W5/306	32.98	32.63	0.35	1.06
R4/306		W6/306	29.72	29.72	0.00	0.00
R5/306		W7/306	17.25	17.25	0.00	0.00
R6/306		W8/306	17.41	17.41	0.00	0.00
R1/307		W1/307	32.62	32.62	0.00	0.00
R2/307		W2/307	26.11	26.11	0.00	0.00
R3/307		W3/307	18.87	18.87	0.00	0.00
Macintosh Mills						
R1/9	LKD	W1/9	26.93	25.81	1.12	4.16
R2/9	BEDROOM	W2/9	26.98	25.67	1.31	4.86
R3/9	BEDROOM	W3/9	26.97	25.51	1.46	5.41

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R4/9	LKD	W4/9	27.00	25.41	1.59	5.89
R4/9	LKD	W5/9	11.82	11.82	0.00	0.00
R4/9	LKD	W6/9	11.84	11.84	0.00	0.00
R5/9	BEDROOM	W7/9	13.93	12.60	1.33	9.55
R6/9	STUDIO	W8/9	12.43	12.32	0.11	0.88
R6/9	STUDIO	W9/9	12.14	12.14	0.00	0.00
R7/9	BEDROOM	W10/9	11.14	11.14	0.00	0.00
R7/9	BEDROOM	W11/9	10.89	10.89	0.00	0.00
R8/9	BEDROOM	W12/9	8.54	8.54	0.00	0.00
R10/9	BEDROOM	W14/9	4.75	4.75	0.00	0.00
R11/9	BEDROOM	W15/9	0.40	0.40	0.00	0.00
R12/9	BEDROOM	W16/9	4.27	4.27	0.00	0.00
R13/9	BEDROOM	W17/9	4.34	4.34	0.00	0.00
R13/9	BEDROOM	W18/9	5.53	5.52	0.01	0.18
R1/10	LKD	W1/10	15.13	15.13	0.00	0.00
R1/10	LKD	W2/10	29.43	28.37	1.06	3.60
R2/10	BEDROOM	W3/10	29.44	28.19	1.25	4.25
R3/10	BEDROOM	W4/10	29.37	27.98	1.39	4.73
R4/10	LKD	W5/10	29.36	27.83	1.53	5.21
R4/10	LKD	W6/10	24.62	14.75	9.87	40.09
R4/10	LKD	W7/10	24.48	14.51	9.97	40.73
R5/10	BEDROOM	W8/10	24.37	14.35	10.02	41.12
R6/10	BEDROOM	W9/10	24.04	14.10	9.94	41.35
R8/10	LKD	W11/10	23.63	13.78	9.85	41.68
R8/10	LKD	W12/10	23.45	13.53	9.92	42.30
R9/10	BEDROOM	W13/10	23.21	13.35	9.86	42.48
R10/10	LKD	W14/10	22.76	13.14	9.62	42.27
R10/10	LKD	W15/10	22.56	13.19	9.37	41.53
R12/10	BEDROOM	W18/10	22.00	13.74	8.26	37.55
R13/10	BEDROOM	W19/10	21.41	13.79	7.62	35.59
R13/10	BEDROOM	W20/10	23.88	23.86	0.02	0.08
R13/10	BEDROOM	W21/10	24.35	24.32	0.03	0.12
R1/11	LKD	W1/11	16.41	16.41	0.00	0.00
R1/11	LKD	W2/11	30.90	29.90	1.00	3.24
R2/11	BEDROOM	W3/11	30.87	29.69	1.18	3.82

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R3/11	BEDROOM	W4/11	30.78	29.45	1.33	4.32
R4/11	LKD	W5/11	30.75	29.29	1.46	4.75
R4/11	LKD	W6/11	25.31	15.71	9.60	37.93
R4/11	LKD	W7/11	25.18	15.46	9.72	38.60
R5/11	BEDROOM	W8/11	25.07	15.31	9.76	38.93
R6/11	BEDROOM	W9/11	24.71	15.04	9.67	39.13
R8/11	LKD	W11/11	24.32	14.73	9.59	39.43
R8/11	LKD	W12/11	24.17	14.49	9.68	40.05
R9/11	BEDROOM	W13/11	23.92	14.30	9.62	40.22
R10/11	LKD	W14/11	23.47	14.08	9.39	40.01
R10/11	LKD	W15/11	23.26	14.11	9.15	39.34
R12/11	BEDROOM	W17/11	22.71	14.66	8.05	35.45
R13/11	BEDROOM	W18/11	22.12	14.69	7.43	33.59
R13/11	BEDROOM	W19/11	24.76	24.73	0.03	0.12
R13/11	BEDROOM	W20/11	25.25	25.22	0.03	0.12
R1/12	LKD	W1/12	17.78	17.78	0.00	0.00
R1/12	LKD	W2/12	31.89	30.96	0.93	2.92
R2/12	BEDROOM	W3/12	31.88	30.76	1.12	3.51
R3/12	BEDROOM	W4/12	31.83	30.57	1.26	3.96
R4/12	LKD	W5/12	31.72	30.34	1.38	4.35
R4/12	LKD	W6/12	25.98	16.69	9.29	35.76
R4/12	LKD	W7/12	25.88	16.43	9.45	36.51
R5/12	BEDROOM	W8/12	25.74	16.28	9.46	36.75
R6/12	BEDROOM	W9/12	25.38	16.00	9.38	36.96
R8/12	LKD	W11/12	24.99	15.69	9.30	37.21
R8/12	LKD	W12/12	24.85	15.46	9.39	37.79
R9/12	BEDROOM	W13/12	24.61	15.28	9.33	37.91
R10/12	LKD	W14/12	24.16	15.05	9.11	37.71
R10/12	LKD	W15/12	23.96	15.07	8.89	37.10
R12/12	BEDROOM	W17/12	23.39	15.57	7.82	33.43
R13/12	BEDROOM	W18/12	22.83	15.61	7.22	31.63
R13/12	BEDROOM	W19/12	25.61	25.58	0.03	0.12
R13/12	BEDROOM	W20/12	26.12	26.10	0.02	0.08
R1/13	LKD	W1/13	20.19	20.19	0.00	0.00
R1/13	LKD	W2/13	32.57	31.64	0.93	2.86

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R2/13	BEDROOM	W3/13	32.56	31.51	1.05	3.22
R3/13	BEDROOM	W4/13	32.54	31.36	1.18	3.63
R4/13	LKD	W5/13	32.45	31.13	1.32	4.07
R4/13	LKD	W6/13	26.62	17.67	8.95	33.62
R4/13	LKD	W7/13	26.52	17.41	9.11	34.35
R5/13	BEDROOM	W8/13	26.38	17.25	9.13	34.61
R6/13	BEDROOM	W9/13	26.00	16.97	9.03	34.73
R8/13	LKD	W11/13	25.62	16.66	8.96	34.97
R8/13	LKD	W12/13	25.46	16.40	9.06	35.59
R9/13	BEDROOM	W13/13	25.25	16.26	8.99	35.60
R10/13	LKD	W14/13	24.80	16.03	8.77	35.36
R10/13	LKD	W15/13	24.62	16.06	8.56	34.77
R12/13	BEDROOM	W17/13	24.10	16.57	7.53	31.24
R13/13	BEDROOM	W18/13	23.51	16.56	6.95	29.56
R13/13	BEDROOM	W19/13	26.45	26.43	0.02	0.08
R13/13	BEDROOM	W20/13	26.97	26.95	0.02	0.07
R1/14	LKD	W1/14	29.46	29.46	0.00	0.00
R1/14	LKD	W2/14	33.19	32.34	0.85	2.56
R2/14	BEDROOM	W3/14	33.21	32.24	0.97	2.92
R3/14	BEDROOM	W4/14	33.23	32.13	1.10	3.31
R4/14	LKD	W5/14	33.15	31.92	1.23	3.71
R4/14	LKD	W6/14	27.29	18.75	8.54	31.29
R4/14	LKD	W7/14	27.18	18.50	8.68	31.94
R5/14	BEDROOM	W8/14	27.04	18.34	8.70	32.17
R6/14	BEDROOM	W9/14	26.64	18.04	8.60	32.28
R8/14	LKD	W11/14	26.27	17.74	8.53	32.47
R8/14	LKD	W12/14	26.12	17.50	8.62	33.00
R9/14	BEDROOM	W13/14	25.91	17.35	8.56	33.04
R10/14	LKD	W14/14	25.49	17.14	8.35	32.76
R10/14	LKD	W15/14	25.33	17.16	8.17	32.25
R12/14	BEDROOM	W17/14	24.83	17.66	7.17	28.88
R13/14	BEDROOM	W18/14	24.28	17.67	6.61	27.22
R13/14	BEDROOM	W19/14	27.37	27.34	0.03	0.11
R13/14	BEDROOM	W20/14	27.87	27.85	0.02	0.07

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R1/280		W1/280	16.99	16.14	0.85	5.00
R1/281		W1/281	17.55	16.77	0.78	4.44
R2/281		W2/281	22.73	21.43	1.30	5.72
R3/281		W3/281	24.59	22.83	1.76	7.16
R1/282		W1/282	19.21	18.28	0.93	4.84
R2/282		W2/282	25.07	23.63	1.44	5.74
R3/282		W3/282	27.05	25.19	1.86	6.88
R17/9		W25/9	10.32	10.32	0.00	0.00
R17/9		W26/9	11.08	11.08	0.00	0.00
R17/9		W27/9	12.16	12.16	0.00	0.00
R17/9		W28/9	13.18	13.18	0.00	0.00
R17/9		W29/9	11.90	11.90	0.00	0.00
R16/10		W26/10	12.19	12.00	0.19	1.56
R16/10		W27/10	14.75	14.51	0.24	1.63
R16/11		W25/11	14.00	13.40	0.60	4.29
R16/11		W26/11	17.40	16.58	0.82	4.71
R16/11		W27/11	15.36	15.36	0.00	0.00
R16/12		W25/12	17.52	16.38	1.14	6.51
R16/12		W26/12	20.28	18.85	1.43	7.05
R16/12		W27/12	29.14	29.11	0.03	0.10
Chorlton Mill						
R1/239	BEDROOM	W1/239	11.06	11.02	0.04	0.36
R1/239	BEDROOM	W2/239	1.76	1.76	0.00	0.00
R3/239		W4/239	23.41	23.22	0.19	0.81
R3/239		W5/239	23.06	23.06	0.00	0.00
R3/239		W6/239	23.37	23.37	0.00	0.00
R3/239		W7/239	23.70	23.67	0.03	0.13
R3/239		W8/239	24.00	23.93	0.07	0.29
R3/239		W9/239	24.61	24.45	0.16	0.65
R4/239		W10/239	23.40	23.40	0.00	0.00
R4/239		W11/239	23.56	23.56	0.00	0.00
R4/239		W12/239	23.84	23.83	0.01	0.04
R4/239		W13/239	24.12	24.10	0.02	0.08
R4/239		W14/239	24.66	24.61	0.05	0.20
R4/239		W15/239	23.71	23.71	0.00	0.00
R5/239		W16/239	23.56	23.56	0.00	0.00
R5/239		W17/239	22.98	22.98	0.00	0.00
R5/239		W18/239	23.14	23.14	0.00	0.00
R5/239		W19/239	23.47	23.47	0.00	0.00
R5/239		W20/239	23.78	23.78	0.00	0.00
R5/239		W21/239	24.38	24.38	0.00	0.00

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R6/239		W22/239	22.93	22.93	0.00	0.00
R6/239		W23/239	22.24	22.24	0.00	0.00
R6/239		W24/239	22.44	22.44	0.00	0.00
R6/239		W25/239	22.74	22.74	0.00	0.00
R6/239		W26/239	23.03	23.03	0.00	0.00
R6/239		W27/239	23.56	23.56	0.00	0.00
R7/239		W28/239	22.33	22.33	0.00	0.00
R7/239		W29/239	21.65	21.65	0.00	0.00
R7/239		W30/239	21.68	21.68	0.00	0.00
R7/239		W31/239	21.99	21.99	0.00	0.00
R7/239		W32/239	22.29	22.29	0.00	0.00
R7/239		W33/239	22.75	22.75	0.00	0.00
R8/239		W34/239	20.47	20.47	0.00	0.00
R8/239		W35/239	20.97	20.97	0.00	0.00
R8/239		W36/239	21.43	21.43	0.00	0.00
R8/239		W37/239	21.83	21.83	0.00	0.00
R8/239		W38/239	22.51	22.51	0.00	0.00
R8/239		W39/239	17.96	17.96	0.00	0.00
R1/240	STUDIO	W1/240	13.92	13.91	0.01	0.07
R1/240	STUDIO	W2/240	15.44	15.16	0.28	1.81
R1/240	STUDIO	W3/240	2.71	2.71	0.00	0.00
R3/240	LKD	W6/240	25.54	25.03	0.51	2.00
R3/240	LKD	W7/240	26.45	26.08	0.37	1.40
R4/240	BEDROOM	W8/240	26.51	26.34	0.17	0.64
R5/240	BEDROOM	W9/240	26.44	26.44	0.00	0.00
R6/240	BEDROOM	W10/240	26.37	26.37	0.00	0.00
R7/240	LKD	W11/240	26.31	26.31	0.00	0.00
R7/240	LKD	W12/240	26.10	26.10	0.00	0.00
R8/240	LKD	W13/240	25.69	25.69	0.00	0.00
R8/240	LKD	W14/240	25.31	25.31	0.00	0.00
R9/240	BEDROOM	W15/240	24.71	24.71	0.00	0.00
R10/240	BEDROOM	W16/240	24.32	24.32	0.00	0.00
R11/240	LKD	W17/240	23.34	23.34	0.00	0.00
R11/240	LKD	W18/240	22.30	22.30	0.00	0.00
R1/241	LKD	W1/241	14.62	14.60	0.02	0.14
R1/241	LKD	W2/241	7.84	7.40	0.44	5.61
R1/241	LKD	W3/241	0.29	0.29	0.00	0.00
R1/241	LKD	W4/241	4.67	3.63	1.04	22.27
R3/241	BEDROOM	W6/241	28.34	27.48	0.86	3.03
R4/241	BEDROOM	W7/241	28.65	27.91	0.74	2.58

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R5/241	LKD	W8/241	28.60	28.09	0.51	1.78
R5/241	LKD	W9/241	28.55	28.13	0.42	1.47
R6/241	LKD	W10/241	28.57	28.19	0.38	1.33
R6/241	LKD	W11/241	28.50	28.10	0.40	1.40
R7/241	BEDROOM	W12/241	28.19	27.84	0.35	1.24
R8/241	BEDROOM	W13/241	27.79	27.54	0.25	0.90
R9/241	BEDROOM	W14/241	27.11	26.99	0.12	0.44
R10/241	LKD	W15/241	26.49	26.49	0.00	0.00
R10/241	LKD	W16/241	25.66	25.66	0.00	0.00
R11/241	LKD	W17/241	24.57	24.57	0.00	0.00
R11/241	LKD	W18/241	23.32	23.14	0.18	0.77
R12/241	BEDROOM	W19/241	21.14	20.70	0.44	2.08
R1/242	LKD	W1/242	15.16	15.14	0.02	0.13
R1/242	LKD	W2/242	8.20	7.75	0.45	5.49
R1/242	LKD	W3/242	1.40	1.40	0.00	0.00
R1/242	LKD	W4/242	5.16	4.02	1.14	22.09
R3/242	BEDROOM	W6/242	29.64	28.32	1.32	4.45
R4/242	BEDROOM	W7/242	30.10	28.85	1.25	4.15
R5/242	LKD	W8/242	30.30	29.19	1.11	3.66
R5/242	LKD	W9/242	30.19	29.13	1.06	3.51
R6/242	LKD	W10/242	30.15	29.22	0.93	3.08
R6/242	LKD	W11/242	30.12	29.29	0.83	2.76
R7/242	BEDROOM	W12/242	29.89	29.26	0.63	2.11
R8/242	BEDROOM	W13/242	29.64	29.16	0.48	1.62
R9/242	BEDROOM	W14/242	29.07	28.80	0.27	0.93
R10/242	LKD	W15/242	28.50	28.50	0.00	0.00
R10/242	LKD	W16/242	27.74	27.74	0.00	0.00
R11/242	LKD	W17/242	26.95	26.95	0.00	0.00
R11/242	LKD	W18/242	25.66	25.48	0.18	0.70
R12/242	BEDROOM	W19/242	23.35	22.89	0.46	1.97
R1/243	LKD	W1/243	15.72	15.70	0.02	0.13
R1/243	LKD	W2/243	9.67	9.20	0.47	4.86
R1/243	LKD	W3/243	1.99	1.99	0.00	0.00
R1/243	LKD	W4/243	6.66	5.47	1.19	17.87
R3/243	BEDROOM	W6/243	30.46	29.00	1.46	4.79

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R4/243	BEDROOM	W7/243	30.91	29.52	1.39	4.50
R5/243	LKD	W8/243	31.18	29.89	1.29	4.14
R5/243	LKD	W9/243	31.27	29.94	1.33	4.25
R6/243	LKD	W10/243	31.20	30.00	1.20	3.85
R6/243	LKD	W11/243	31.20	30.15	1.05	3.37
R7/243	BEDROOM	W12/243	31.07	30.28	0.79	2.54
R8/243	BEDROOM	W13/243	31.00	30.27	0.73	2.35
R9/243	BEDROOM	W14/243	30.62	30.03	0.59	1.93
R10/243	LKD	W15/243	30.23	29.91	0.32	1.06
R10/243	LKD	W16/243	29.59	29.33	0.26	0.88
R11/243	LKD	W17/243	28.98	28.57	0.41	1.41
R11/243	LKD	W18/243	27.86	27.30	0.56	2.01
R12/243	BEDROOM	W19/243	25.53	24.75	0.78	3.06
R1/244	LKD	W1/244	16.24	16.23	0.01	0.06
R1/244	LKD	W2/244	9.84	9.63	0.21	2.13
R1/244	LKD	W3/244	2.01	2.01	0.00	0.00
R1/244	LKD	W4/244	7.03	6.06	0.97	13.80
R3/244	BEDROOM	W6/244	31.15	29.71	1.44	4.62
R4/244	BEDROOM	W7/244	31.54	30.16	1.38	4.38
R5/244	LKD	W8/244	31.82	30.51	1.31	4.12
R5/244	LKD	W9/244	31.99	30.59	1.40	4.38
R6/244	LKD	W10/244	32.00	30.69	1.31	4.09
R6/244	LKD	W11/244	32.14	30.87	1.27	3.95
R7/244	BEDROOM	W12/244	32.08	30.94	1.14	3.55
R8/244	BEDROOM	W13/244	32.07	30.95	1.12	3.49
R9/244	BEDROOM	W14/244	31.73	30.83	0.90	2.84
R10/244	LKD	W15/244	31.56	30.87	0.69	2.19
R10/244	LKD	W16/244	31.23	30.51	0.72	2.31
R11/244	LKD	W17/244	30.86	30.03	0.83	2.69
R11/244	LKD	W18/244	30.10	29.27	0.83	2.76
R12/244	BEDROOM	W19/244	28.16	27.31	0.85	3.02
R1/245		W1/245	16.57	16.55	0.02	0.12
R1/245		W2/245	20.11	19.67	0.44	2.19
R1/245		W3/245	10.69	10.69	0.00	0.00
R1/245		W4/245	19.57	18.29	1.28	6.54

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R3/245	BEDROOM	W6/245	31.63	30.22	1.41	4.46
R4/245	BEDROOM	W7/245	32.00	30.64	1.36	4.25
R5/245	LKD	W8/245	32.29	30.99	1.30	4.03
R5/245	LKD	W9/245	32.54	31.13	1.41	4.33
R6/245	LKD	W10/245	32.60	31.25	1.35	4.14
R6/245	LKD	W11/245	32.76	31.38	1.38	4.21
R7/245	BEDROOM	W12/245	32.76	31.46	1.30	3.97
R8/245	BEDROOM	W13/245	32.79	31.49	1.30	3.96
R9/245	BEDROOM	W14/245	32.49	31.42	1.07	3.29
R10/245	LKD	W15/245	32.45	31.53	0.92	2.84
R10/245	LKD	W16/245	32.38	31.37	1.01	3.12
R11/245	LKD	W17/245	32.16	31.13	1.03	3.20
R11/245	LKD	W18/245	31.96	31.00	0.96	3.00
R12/245	BEDROOM	W19/245	31.06	30.19	0.87	2.80
R1/250		W1/250	15.89	15.88	0.01	0.06
R1/250		W5/250	25.40	24.80	0.60	2.36
R2/250		W2/250	17.64	17.63	0.01	0.06
R2/250		W3/250	24.56	23.95	0.61	2.48
R2/250		W4/250	25.93	25.29	0.64	2.47
R1/251	BEDROOM	W1/251	17.25	17.23	0.02	0.12
R1/251	BEDROOM	W2/251	19.78	19.76	0.02	0.10
R1/251	BEDROOM	W3/251	28.86	28.12	0.74	2.56
R2/251	BEDROOM	W4/251	29.19	28.35	0.84	2.88
R3/251	LKD	W5/251	28.90	28.16	0.74	2.56
R3/251	LKD	W6/251	29.22	28.65	0.57	1.95
R3/251	LKD	W7/251	16.39	16.39	0.00	0.00
R3/251	LKD	W8/251	13.04	13.04	0.00	0.00
R1/252	BEDROOM	W1/252	18.79	18.72	0.07	0.37
R1/252	BEDROOM	W2/252	22.44	22.39	0.05	0.22
R1/252	BEDROOM	W3/252	30.52	29.67	0.85	2.79
R2/252	BEDROOM	W4/252	30.64	29.76	0.88	2.87
R3/252	LKD	W5/252	30.15	29.41	0.74	2.45
R3/252	LKD	W6/252	30.30	29.75	0.55	1.82
R3/252	LKD	W7/252	17.79	17.79	0.00	0.00
R3/252	LKD	W8/252	14.52	14.52	0.00	0.00
R1/253	BEDROOM	W1/253	21.32	21.24	0.08	0.38
R1/253	BEDROOM	W2/253	25.96	25.88	0.08	0.31

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R1/253	BEDROOM	W3/253	31.68	30.82	0.86	2.71
R2/253	BEDROOM	W4/253	31.66	30.82	0.84	2.65
R3/253	LKD	W5/253	31.15	30.46	0.69	2.22
R3/253	LKD	W6/253	31.18	30.67	0.51	1.64
R3/253	LKD	W7/253	19.68	19.68	0.00	0.00
R3/253	LKD	W8/253	16.58	16.58	0.00	0.00
R1/254	BEDROOM	W1/254	26.26	26.18	0.08	0.30
R1/254	BEDROOM	W2/254	29.64	29.56	0.08	0.27
R1/254	BEDROOM	W3/254	32.33	31.50	0.83	2.57
R2/254	BEDROOM	W4/254	32.31	31.50	0.81	2.51
R3/254	LKD	W5/254	31.80	31.14	0.66	2.08
R3/254	LKD	W6/254	31.73	31.26	0.47	1.48
R3/254	LKD	W7/254	21.86	21.86	0.00	0.00
R3/254	LKD	W8/254	19.05	19.05	0.00	0.00
R1/255		W1/255	31.33	31.28	0.05	0.16
R1/255		W2/255	33.00	32.30	0.70	2.12
R2/255		W3/255	32.24	31.65	0.59	1.83
R2/255		W4/255	23.28	23.28	0.00	0.00
5 Cambridge Street (Cambridge Mill)						
R1/29		W1/29	26.50	25.97	0.53	2.00
R2/29		W2/29	26.78	26.30	0.48	1.79
R3/29		W3/29	26.72	26.32	0.40	1.50
R4/29		W4/29	26.54	26.16	0.38	1.43
R5/29		W5/29	26.41	26.06	0.35	1.33
R6/29		W6/29	25.83	25.49	0.34	1.32
R7/29		W7/29	23.23	22.91	0.32	1.38
R8/29		W8/29	21.61	21.59	0.02	0.09
R9/29		W9/29	22.51	22.51	0.00	0.00
R10/29		W10/29	21.62	21.62	0.00	0.00
R10/29		W11/29	16.74	16.74	0.00	0.00
R10/29		W12/29	16.74	16.74	0.00	0.00
R1/30		W1/30	27.28	26.77	0.51	1.87
R2/30		W2/30	27.59	27.12	0.47	1.70
R3/30		W3/30	27.54	27.16	0.38	1.38

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R4/30		W4/30	27.38	27.02	0.36	1.31
R5/30		W5/30	27.27	26.94	0.33	1.21
R6/30		W6/30	26.71	26.36	0.35	1.31
R7/30		W7/30	23.97	23.66	0.31	1.29
R8/30		W8/30	25.14	24.86	0.28	1.11
R9/30		W9/30	26.43	26.18	0.25	0.95
R10/30		W10/30	26.42	26.13	0.29	1.10
R10/30		W11/30	28.59	28.59	0.00	0.00
R10/30		W12/30	28.65	28.65	0.00	0.00
R1/31		W1/31	24.71	24.23	0.48	1.94
R2/31		W2/31	28.06	27.57	0.49	1.75
R3/31		W3/31	28.40	27.94	0.46	1.62
R4/31		W4/31	28.37	28.00	0.37	1.30
R5/31		W5/31	28.15	27.79	0.36	1.28
R6/31		W6/31	28.13	27.80	0.33	1.17
R7/31		W7/31	27.58	27.24	0.34	1.23
R8/31		W8/31	24.70	24.39	0.31	1.26
R9/31		W9/31	23.88	23.63	0.25	1.05
R10/31		W10/31	27.25	26.99	0.26	0.95
R11/31		W11/31	27.55	27.27	0.28	1.02
R12/31		W12/31	27.50	27.25	0.25	0.91
R13/31		W13/31	27.53	27.26	0.27	0.98
R13/31		W14/31	29.94	29.94	0.00	0.00
R13/31		W15/31	29.98	29.98	0.00	0.00
R1/32		W1/32	25.41	24.95	0.46	1.81
R2/32		W2/32	28.82	28.37	0.45	1.56
R3/32		W3/32	29.19	28.76	0.43	1.47
R4/32		W4/32	29.18	28.84	0.34	1.17
R5/32		W5/32	28.98	28.65	0.33	1.14
R6/32		W6/32	28.99	28.68	0.31	1.07

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R7/32		W7/32	28.44	28.13	0.31	1.09
R8/32		W8/32	25.41	25.12	0.29	1.14
R9/32		W9/32	24.78	24.55	0.23	0.93
R10/32		W10/32	28.23	27.99	0.24	0.85
R11/32		W11/32	28.58	28.32	0.26	0.91
R12/32		W12/32	28.58	28.35	0.23	0.80
R13/32		W13/32	28.66	28.40	0.26	0.91
R13/32		W14/32	31.33	31.33	0.00	0.00
R13/32		W15/32	31.35	31.35	0.00	0.00
R1/33		W1/33	26.05	25.63	0.42	1.61
R2/33		W2/33	29.53	29.11	0.42	1.42
R3/33		W3/33	29.93	29.54	0.39	1.30
R4/33		W4/33	29.93	29.62	0.31	1.04
R5/33		W5/33	29.76	29.46	0.30	1.01
R6/33		W6/33	29.80	29.52	0.28	0.94
R7/33		W7/33	29.26	28.98	0.28	0.96
R8/33		W8/33	26.08	25.81	0.27	1.04
R9/33		W9/33	25.61	25.40	0.21	0.82
R10/33		W10/33	29.15	28.92	0.23	0.79
R11/33		W11/33	29.54	29.31	0.23	0.78
R12/33		W12/33	29.58	29.38	0.20	0.68
R13/33		W13/33	29.70	29.47	0.23	0.77
R13/33		W14/33	32.65	32.65	0.00	0.00
R13/33		W15/33	32.64	32.64	0.00	0.00
R1/34		W1/34	26.66	26.28	0.38	1.43
R2/34		W2/34	30.20	29.82	0.38	1.26
R3/34		W3/34	30.61	30.26	0.35	1.14
R4/34		W4/34	30.64	30.36	0.28	0.91
R5/34		W5/34	30.50	30.23	0.27	0.89
R6/34		W6/34	30.59	30.33	0.26	0.85

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R7/34		W7/34	30.07	29.82	0.25	0.83
R8/34		W8/34	26.73	26.51	0.22	0.82
R9/34		W9/34	26.43	26.24	0.19	0.72
R10/34		W10/34	30.04	29.84	0.20	0.67
R11/34		W11/34	30.44	30.24	0.20	0.66
R12/34		W12/34	30.51	30.33	0.18	0.59
R13/34		W13/34	30.65	30.44	0.21	0.69
R13/34		W14/34	33.83	33.83	0.00	0.00
R13/34		W15/34	33.80	33.80	0.00	0.00
R1/35		W1/35	71.24	71.09	0.15	0.21
R2/35		W2/35	78.19	78.02	0.17	0.22
R2/35		W3/35	78.10	77.93	0.17	0.22
R3/35		W4/35	81.58	81.42	0.16	0.20
R3/35		W5/35	81.32	81.16	0.16	0.20
R4/35		W6/35	84.06	83.93	0.13	0.15
R4/35		W7/35	83.63	83.51	0.12	0.14
R5/35		W8/35	84.31	84.20	0.11	0.13
R6/35		W9/35	84.12	84.03	0.09	0.11
R6/35		W10/35	80.60	80.49	0.11	0.14
R7/35		W11/35	26.60	26.52	0.08	0.30
R8/35		W12/35	85.11	85.08	0.03	0.04
R8/35		W13/35	84.32	84.30	0.02	0.02
R9/35		W14/35	85.36	85.28	0.08	0.09
R9/35		W15/35	85.10	85.01	0.09	0.11
R10/35		W16/35	85.51	85.42	0.09	0.11
R11/35		W17/35	85.39	85.29	0.10	0.12
R11/35		W18/35	85.58	85.49	0.09	0.11
Manchester Student Village						
R1/20		W1/20	13.96	13.68	0.28	2.01
R1/20		W2/20	17.11	16.33	0.78	4.56
R1/20		W3/20	28.34	27.47	0.87	3.07
R2/20		W4/20	28.27	27.44	0.83	2.94
R3/20		W5/20	28.13	27.33	0.80	2.84
R4/20		W6/20	28.13	27.25	0.88	3.13

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R5/20		W7/20	28.08	27.19	0.89	3.17
R6/20		W8/20	28.10	27.16	0.94	3.35
R7/20		W9/20	28.03	27.14	0.89	3.18
R8/20		W10/20	28.00	27.11	0.89	3.18
R9/20		W11/20	27.91	27.03	0.88	3.15
R10/20		W12/20	27.88	27.02	0.86	3.08
R11/20		W13/20	27.85	27.00	0.85	3.05
R12/20		W14/20	27.79	26.97	0.82	2.95
R13/20		W15/20	27.72	26.92	0.80	2.89
R1/21		W1/21	17.67	17.34	0.33	1.87
R1/21		W2/21	20.52	19.69	0.83	4.04
R1/21		W3/21	29.82	28.95	0.87	2.92
R2/21		W4/21	29.64	28.82	0.82	2.77
R3/21		W5/21	29.43	28.65	0.78	2.65
R4/21		W6/21	29.38	28.53	0.85	2.89
R5/21		W7/21	29.29	28.42	0.87	2.97
R6/21		W8/21	29.25	28.34	0.91	3.11
R7/21		W9/21	29.14	28.28	0.86	2.95
R8/21		W10/21	29.11	28.24	0.87	2.99
R9/21		W11/21	29.00	28.14	0.86	2.97
R10/21		W12/21	28.99	28.15	0.84	2.90
R11/21		W13/21	28.96	28.12	0.84	2.90
R12/21		W14/21	28.89	28.09	0.80	2.77
R13/21		W15/21	28.83	28.03	0.80	2.77
R14/21		W16/21	28.78	27.98	0.80	2.78
R1/22		W1/22	22.70	22.35	0.35	1.54
R1/22		W2/22	24.78	23.94	0.84	3.39
R1/22		W3/22	30.96	30.08	0.88	2.84
R2/22		W4/22	30.74	29.92	0.82	2.67
R3/22		W5/22	30.49	29.69	0.80	2.62

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R4/22		W6/22	30.40	29.57	0.83	2.73
R5/22		W7/22	30.27	29.41	0.86	2.84
R6/22		W8/22	30.20	29.33	0.87	2.88
R7/22		W9/22	30.07	29.23	0.84	2.79
R8/22		W10/22	30.06	29.19	0.87	2.89
R9/22		W11/22	29.94	29.08	0.86	2.87
R10/22		W12/22	29.94	29.11	0.83	2.77
R11/22		W13/22	29.91	29.07	0.84	2.81
R12/22		W14/22	29.84	29.05	0.79	2.65
R13/22		W15/22	29.79	29.00	0.79	2.65
R14/22		W16/22	29.74	28.95	0.79	2.66
R1/23		W1/23	28.54	27.85	0.69	2.42
R1/23		W2/23	29.11	28.16	0.95	3.26
R1/23		W3/23	31.75	30.87	0.88	2.77
R2/23		W4/23	31.53	30.71	0.82	2.60
R3/23		W5/23	31.30	30.48	0.82	2.62
R4/23		W6/23	31.20	30.38	0.82	2.63
R5/23		W7/23	31.05	30.21	0.84	2.71
R6/23		W8/23	31.00	30.16	0.84	2.71
R7/23		W9/23	30.86	30.06	0.80	2.59
R8/23		W10/23	30.85	30.01	0.84	2.72
R9/23		W11/23	30.76	29.93	0.83	2.70
R10/23		W12/23	30.77	29.97	0.80	2.60
R11/23		W13/23	30.74	29.94	0.80	2.60
R12/23		W14/23	30.68	29.91	0.77	2.51
R13/23		W15/23	30.66	29.88	0.78	2.54
R14/23		W16/23	30.62	29.85	0.77	2.51
R1/24		W1/24	32.72	31.44	1.28	3.91
R1/24		W2/24	32.80	31.57	1.23	3.75
R1/24		W3/24	32.46	31.62	0.84	2.59

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R2/24		W4/24	32.26	31.47	0.79	2.45
R3/24		W5/24	32.06	31.24	0.82	2.56
R4/24		W6/24	31.96	31.16	0.80	2.50
R5/24		W7/24	31.81	31.01	0.80	2.51
R6/24		W8/24	31.78	30.98	0.80	2.52
R7/24		W9/24	31.64	30.88	0.76	2.40
R8/24		W10/24	31.62	30.82	0.80	2.53
R9/24		W11/24	31.56	30.77	0.79	2.50
R10/24		W12/24	31.58	30.82	0.76	2.41
R11/24		W13/24	31.55	30.80	0.75	2.38
R12/24		W14/24	31.50	30.77	0.73	2.32
R13/24		W15/24	31.51	30.76	0.75	2.38
R14/24		W16/24	31.47	30.74	0.73	2.32
R1/25		W1/25	33.65	32.43	1.22	3.63
R1/25		W2/25	33.78	32.59	1.19	3.52
R1/25		W3/25	33.13	32.33	0.80	2.41
R2/25		W4/25	32.93	32.19	0.74	2.25
R3/25		W5/25	32.77	31.98	0.79	2.41
R4/25		W6/25	32.67	31.91	0.76	2.33
R5/25		W7/25	32.54	31.77	0.77	2.37
R6/25		W8/25	32.51	31.76	0.75	2.31
R7/25		W9/25	32.39	31.68	0.71	2.19
R8/25		W10/25	32.35	31.59	0.76	2.35
R9/25		W11/25	32.33	31.58	0.75	2.32
R10/25		W12/25	32.36	31.64	0.72	2.22
R11/25		W13/25	32.34	31.62	0.72	2.23
R12/25		W14/25	32.29	31.60	0.69	2.14
R13/25		W15/25	32.32	31.60	0.72	2.23
R14/25		W16/25	32.30	31.59	0.71	2.20

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R1/26		W1/26	81.64	81.01	0.63	0.77
R2/26		W2/26	81.76	81.12	0.64	0.78
R2/26		W3/26	81.76	81.13	0.63	0.77
R3/26		W4/26	81.75	81.10	0.65	0.80
R3/26		W5/26	81.75	81.12	0.63	0.77
R4/26		W6/26	81.67	81.07	0.60	0.73
R4/26		W7/26	81.69	81.10	0.59	0.72
R5/26		W8/26	81.67	81.07	0.60	0.73
R5/26		W9/26	81.71	81.10	0.61	0.75
R6/26		W10/26	81.62	81.02	0.60	0.74
R6/26		W11/26	81.60	81.01	0.59	0.72
R7/26		W12/26	81.56	80.98	0.58	0.71
R7/26		W13/26	81.53	80.96	0.57	0.70
R8/26		W14/26	81.55	80.96	0.59	0.72
R8/26		W15/26	81.53	80.94	0.59	0.72
R9/26		W16/26	81.52	80.95	0.57	0.70
R9/26		W17/26	81.52	80.94	0.58	0.71
R10/26		W18/26	81.54	80.98	0.56	0.69
R10/26		W19/26	81.53	80.97	0.56	0.69
R11/26		W20/26	81.52	80.97	0.55	0.67
R11/26		W21/26	81.55	80.98	0.57	0.70
R12/26		W22/26	81.57	81.02	0.55	0.67
R12/26		W23/26	81.57	81.01	0.56	0.69
R13/26		W24/26	81.57	81.01	0.56	0.69
R13/26		W25/26	81.54	80.97	0.57	0.70
R14/26		W26/26	81.18	80.64	0.54	0.67
R14/26		W27/26	80.81	80.27	0.54	0.67

Appendix 4: No Sky Line Contour Plots Appendix

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
Building A, Downing Co-Living						
R1/702	BEDROOM	94.4	93.9	93.9	0.0	0.00
R2/702	LKD	332.5	329.2	329.2	0.0	0.00
R3/702	STUDIO	166.1	164.7	156.2	8.4	5.10
R4/702	STUDIO	166.0	164.7	160.3	4.3	2.61
R5/702	STUDIO	195.9	190.6	186.1	4.5	2.36
R6/702	STUDIO	183.3	180.0	161.7	18.2	10.11
R7/702	STUDIO	173.7	172.1	150.4	21.7	12.61
R8/702	STUDIO	174.2	172.4	146.2	26.2	15.20
R9/702	STUDIO	164.3	163.2	114.1	49.1	30.09
R1/703	BEDROOM	94.4	93.8	93.8	0.0	0.00
R2/703	LKD	332.5	329.1	329.1	0.0	0.00
R3/703	STUDIO	166.1	164.7	157.9	6.7	4.07
R4/703	STUDIO	166.0	164.6	161.9	2.8	1.70
R5/703	STUDIO	195.9	190.6	187.3	3.2	1.68
R6/703	STUDIO	183.3	179.9	161.9	18.1	10.06
R7/703	STUDIO	173.7	172.1	151.1	21.0	12.20
R8/703	STUDIO	174.2	172.4	146.4	26.1	15.14
R9/703	STUDIO	164.3	163.1	114.0	49.1	30.10
R10/703	BEDROOM	129.7	127.2	48.4	78.8	61.95
R11/703	BEDROOM	108.1	62.0	62.0	0.0	0.00
R1/704	BEDROOM	94.4	93.8	93.8	0.0	0.00
R2/704	LKD	332.5	329.1	329.1	0.0	0.00
R3/704	STUDIO	166.1	164.7	160.2	4.5	2.73
R4/704	STUDIO	166.0	164.6	162.5	2.1	1.28
R5/704	STUDIO	195.9	190.6	188.5	2.1	1.10
R6/704	STUDIO	183.3	179.9	163.0	16.9	9.39
R7/704	STUDIO	173.7	172.1	151.4	20.7	12.03
R8/704	STUDIO	174.2	172.4	146.4	26.1	15.14
R9/704	STUDIO	164.3	163.1	114.0	49.1	30.10
R10/704	BEDROOM	129.7	127.2	48.6	78.6	61.79
R11/704	BEDROOM	108.1	63.6	63.6	0.0	0.00
R1/705	BEDROOM	94.4	93.8	93.8	0.0	0.00
R2/705	LKD	332.5	329.1	329.1	0.0	0.00
R3/705	STUDIO	166.1	164.7	161.9	2.7	1.64
R4/705	STUDIO	166.0	164.6	163.9	0.7	0.43
R5/705	STUDIO	195.9	190.6	189.3	1.3	0.68
R6/705	STUDIO	183.3	179.9	164.5	15.4	8.56
R7/705	STUDIO	173.7	172.1	152.0	20.1	11.68
R8/705	STUDIO	174.2	172.4	146.4	26.1	15.14
R9/705	STUDIO	164.3	163.1	114.0	49.1	30.10
R10/705	BEDROOM	129.7	127.2	48.6	78.6	61.79
R11/705	BEDROOM	108.1	63.6	63.6	0.0	0.00
R1/706	BEDROOM	94.4	93.8	93.8	0.0	0.00
R2/706	LKD	332.5	329.1	329.1	0.0	0.00
R3/706	STUDIO	166.1	164.7	162.8	1.8	1.09
R4/706	STUDIO	166.0	164.6	164.2	0.4	0.24
R5/706	STUDIO	195.9	190.6	190.0	0.6	0.31
R6/706	STUDIO	183.3	179.9	166.2	13.8	7.67
R7/706	STUDIO	173.7	172.1	153.0	19.0	11.04
R8/706	STUDIO	174.2	172.4	146.4	26.1	15.14
R9/706	STUDIO	164.3	163.1	114.0	49.1	30.10
R10/706	BEDROOM	129.7	127.2	49.0	78.2	61.48
R11/706	BEDROOM	108.1	63.6	63.6	0.0	0.00
R1/707	BEDROOM	94.4	93.8	93.8	0.0	0.00
R2/707	LKD	332.5	329.1	329.1	0.0	0.00
R3/707	STUDIO	166.1	164.7	163.3	1.4	0.85

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R4/707	STUDIO	166.0	164.6	164.5	0.1	0.06
R5/707	STUDIO	195.9	190.6	190.1	0.5	0.26
R6/707	STUDIO	183.3	179.9	169.7	10.3	5.73
R7/707	STUDIO	173.7	172.1	155.5	16.6	9.65
R8/707	STUDIO	174.2	172.4	146.7	25.8	14.97
R9/707	STUDIO	164.3	163.1	114.0	49.1	30.10
R10/707	BEDROOM	129.7	127.2	49.5	77.7	61.08
R11/707	BEDROOM	108.1	63.6	63.6	0.0	0.00
R1/708	BEDROOM	94.4	93.8	93.8	0.0	0.00
R2/708	LKD	332.5	329.1	329.1	0.0	0.00
R3/708	STUDIO	166.1	164.7	164.6	0.0	0.00
R4/708	STUDIO	166.0	164.6	164.6	0.0	0.00
R5/708	STUDIO	195.9	190.6	190.6	0.0	0.00
R6/708	STUDIO	183.3	179.9	171.9	8.1	4.50
R7/708	STUDIO	173.7	172.1	157.7	14.4	8.37
R8/708	STUDIO	174.2	172.4	147.8	24.7	14.33
R9/708	STUDIO	164.3	163.1	114.6	48.5	29.74
R10/708	BEDROOM	129.7	127.2	50.3	76.9	60.46
R11/708	BEDROOM	108.1	63.6	63.6	0.0	0.00
R1/709	BEDROOM	94.4	93.8	93.8	0.0	0.00
R2/709	LKD	332.5	329.1	329.1	0.0	0.00
R3/709	STUDIO	166.1	164.7	164.7	0.0	0.00
R4/709	STUDIO	166.0	164.6	164.6	0.0	0.00
R5/709	STUDIO	195.9	190.6	190.6	0.0	0.00
R6/709	STUDIO	183.3	179.9	176.3	3.6	2.00
R7/709	STUDIO	173.7	172.1	160.8	11.3	6.57
R8/709	STUDIO	174.2	172.4	148.9	23.5	13.63
R9/709	STUDIO	164.3	163.1	115.7	47.4	29.06
R10/709	BEDROOM	129.7	127.2	51.7	75.6	59.43
R11/709	BEDROOM	108.1	63.6	63.6	0.0	0.00
R1/710	STUDIO	166.1	164.7	164.7	0.0	0.00
R2/710	STUDIO	166.0	164.6	164.6	0.0	0.00
R3/710	STUDIO	195.9	190.6	190.6	0.0	0.00
R4/710	STUDIO	183.3	179.9	178.9	1.1	0.61
R5/710	STUDIO	173.7	172.1	163.9	8.2	4.76
R6/710	STUDIO	174.2	172.4	151.8	20.6	11.95
R7/710	STUDIO	164.3	163.1	117.0	46.1	28.26
R8/710	BEDROOM	129.7	127.2	55.2	72.0	56.60
R9/710	BEDROOM	108.1	63.6	63.6	0.0	0.00
R1/711	STUDIO	166.1	164.7	164.7	0.0	0.00
R2/711	STUDIO	166.0	164.6	164.6	0.0	0.00
R3/711	STUDIO	195.9	190.6	190.6	0.0	0.00
R4/711	STUDIO	183.3	179.9	179.9	0.1	0.06
R5/711	STUDIO	173.7	172.1	169.7	2.4	1.39
R6/711	STUDIO	174.2	172.4	155.5	17.0	9.86
R7/711	STUDIO	164.3	163.1	120.1	43.0	26.36
R8/711	BEDROOM	129.7	127.2	61.6	65.6	51.57
R9/711	BEDROOM	108.1	63.6	63.6	0.0	0.00
R1/712	STUDIO	166.1	164.7	164.7	0.0	0.00
R2/712	STUDIO	166.0	164.6	164.6	0.0	0.00
R3/712	STUDIO	195.9	190.6	190.6	0.0	0.00
R4/712	STUDIO	183.3	179.9	179.9	0.1	0.06
R5/712	STUDIO	173.7	172.1	172.1	0.0	0.00
R6/712	STUDIO	174.2	172.4	159.2	13.2	7.66
R7/712	STUDIO	164.3	163.1	123.1	40.0	24.52
R8/712	BEDROOM	129.7	127.2	74.6	52.7	41.43
R9/712	BEDROOM	108.1	63.6	63.6	0.0	0.00
R1/713	STUDIO	166.1	164.7	164.7	0.0	0.00

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R2/713	STUDIO	166.0	164.6	164.6	0.0	0.00
R3/713	STUDIO	195.9	190.6	190.6	0.0	0.00
R4/713	STUDIO	183.3	180.2	180.2	0.1	0.06
R5/713	STUDIO	173.7	172.1	172.1	0.0	0.00
R6/713	STUDIO	174.2	172.4	165.1	7.3	4.23
R7/713	STUDIO	164.3	163.1	129.7	33.4	20.48
R8/713	BEDROOM	129.7	127.2	106.0	21.2	16.67
R9/713	BEDROOM	108.1	63.6	63.6	0.0	0.00
R1/714	STUDIO	173.6	171.9	171.9	0.0	0.00
R2/714	STUDIO	173.7	172.1	172.1	0.0	0.00
R3/714	STUDIO	174.2	172.4	172.4	0.0	0.00
R4/714	STUDIO	164.3	163.1	145.2	17.9	10.97
R5/714	BEDROOM	129.7	127.2	127.2	0.0	0.00
R6/714	BEDROOM	108.1	63.6	63.6	0.0	0.00
R1/715	STUDIO	173.6	171.9	171.9	0.0	0.00
R2/715	STUDIO	173.7	172.1	172.1	0.0	0.00
R3/715	STUDIO	174.2	172.4	172.4	0.0	0.00
R4/715	STUDIO	164.3	163.1	163.1	0.0	0.00
R5/715	BEDROOM	129.7	127.2	127.2	0.0	0.00
R6/715	BEDROOM	108.1	63.6	63.6	0.0	0.00
R1/716	STUDIO	173.6	171.9	171.9	0.0	0.00
R2/716	STUDIO	173.7	172.1	172.1	0.0	0.00
R3/716	STUDIO	174.2	172.4	172.4	0.0	0.00
R4/716	STUDIO	164.3	163.1	163.1	0.0	0.00
R5/716	BEDROOM	129.7	127.2	127.2	0.0	0.00
R6/716	BEDROOM	108.1	63.6	63.6	0.0	0.00
Building B, Downing Co-Living						
R1/802	STUDIO	261.4	240.7	226.8	13.9	5.77
R2/802	BEDROOM	108.8	107.1	94.6	12.5	11.67
R3/802	LKD	211.2	208.8	139.8	69.0	33.05
R4/802	STUDIO	156.3	153.2	104.9	48.3	31.53
R5/802	STUDIO	169.9	166.2	112.9	53.4	32.13
R6/802	STUDIO	184.0	179.3	124.1	55.2	30.79
R7/802	STUDIO	188.1	177.2	109.0	68.2	38.49
R8/802	BEDROOM	126.4	118.4	109.6	8.9	7.52
R9/802	LKD	234.8	227.2	225.9	1.3	0.57
R1/803	STUDIO	261.4	240.9	227.9	13.0	5.40
R2/803	BEDROOM	108.8	107.0	94.9	12.2	11.40
R3/803	LKD	211.2	209.0	141.5	67.6	32.34
R4/803	STUDIO	156.3	153.3	106.5	46.8	30.53
R5/803	STUDIO	169.9	166.6	114.7	51.9	31.15
R6/803	STUDIO	184.0	179.8	126.3	53.5	29.76
R7/803	STUDIO	188.1	178.1	114.9	63.2	35.49
R8/803	BEDROOM	126.4	119.4	115.9	3.5	2.93
R9/803	LKD	234.8	227.2	226.0	1.2	0.53
R1/804	STUDIO	261.4	247.9	236.6	11.4	4.60
R2/804	BEDROOM	108.8	107.0	95.9	11.1	10.37
R3/804	LKD	211.2	209.7	143.8	65.9	31.43
R4/804	STUDIO	156.3	153.4	108.8	44.5	29.01
R5/804	STUDIO	169.9	167.3	118.0	49.3	29.47
R6/804	STUDIO	184.0	180.5	129.8	50.7	28.09
R7/804	STUDIO	188.1	179.3	122.9	56.5	31.51
R8/804	BEDROOM	126.4	120.7	118.6	2.1	1.74
R9/804	LKD	234.8	234.3	233.3	1.0	0.43
R1/805	STUDIO	261.4	248.6	238.8	9.9	3.98

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R2/805	BEDROOM	108.8	107.0	96.9	10.1	9.44
R3/805	LKD	211.2	209.7	146.3	63.5	30.28
R4/805	STUDIO	156.3	153.4	111.3	42.1	27.44
R5/805	STUDIO	169.9	167.4	121.5	45.9	27.42
R6/805	STUDIO	184.0	181.0	134.0	47.1	26.02
R7/805	STUDIO	188.1	180.4	132.4	48.0	26.61
R8/805	BEDROOM	126.4	121.9	121.0	1.0	0.82
R9/805	LKD	234.8	234.3	233.6	0.7	0.30
R1/806	STUDIO	261.4	249.0	240.8	8.2	3.29
R2/806	BEDROOM	108.8	107.0	98.3	8.8	8.22
R3/806	LKD	211.2	209.7	148.6	61.1	29.14
R4/806	STUDIO	156.3	153.4	115.5	37.9	24.71
R5/806	STUDIO	169.9	167.4	126.3	41.0	24.49
R6/806	STUDIO	184.0	181.5	138.8	42.6	23.47
R7/806	STUDIO	188.1	181.8	143.6	38.2	21.01
R8/806	BEDROOM	126.4	123.4	123.3	0.2	0.16
R9/806	LKD	234.8	234.3	233.8	0.4	0.17
R1/807	STUDIO	261.4	249.0	243.4	5.6	2.25
R2/807	BEDROOM	108.8	107.0	99.5	7.5	7.01
R3/807	LKD	211.2	209.7	153.0	56.7	27.04
R4/807	STUDIO	156.3	153.4	119.7	33.8	22.03
R5/807	STUDIO	169.9	167.4	130.7	36.6	21.86
R6/807	STUDIO	184.0	181.5	145.0	36.4	20.06
R7/807	STUDIO	188.1	183.2	155.3	27.9	15.23
R8/807	BEDROOM	126.4	125.2	125.2	0.0	0.00
R9/807	LKD	234.8	234.3	233.8	0.4	0.17
R1/808	STUDIO	261.4	249.0	246.3	2.8	1.12
R2/808	BEDROOM	108.8	107.0	101.2	5.8	5.42
R3/808	LKD	211.2	209.8	159.4	50.3	23.98
R4/808	STUDIO	156.3	153.4	125.2	28.2	18.38
R5/808	STUDIO	169.9	167.4	138.3	29.1	17.38
R6/808	STUDIO	184.0	181.5	152.8	28.6	15.76
R7/808	STUDIO	188.1	184.3	164.1	20.2	10.96
R8/808	BEDROOM	126.4	125.5	125.5	0.0	0.00
R9/808	LKD	234.8	234.3	234.1	0.2	0.09
R1/809	STUDIO	261.4	249.2	249.2	0.0	0.00
R2/809	BEDROOM	108.8	107.2	103.7	3.5	3.26
R3/809	LKD	211.2	209.8	167.6	42.2	20.11
R4/809	STUDIO	156.3	153.4	132.0	21.4	13.95
R5/809	STUDIO	169.9	167.4	145.6	21.8	13.02
R6/809	STUDIO	184.0	181.5	162.2	19.4	10.69
R7/809	STUDIO	188.1	185.3	173.3	11.9	6.42
R8/809	BEDROOM	126.4	125.5	125.5	0.0	0.00
R9/809	LKD	234.8	234.3	234.3	0.0	0.00
R1/810	STUDIO	261.4	250.0	250.0	0.0	0.00
R2/810	BEDROOM	108.8	107.2	106.9	0.3	0.28
R3/810	LKD	211.2	209.8	177.3	32.4	15.44
R4/810	STUDIO	156.3	153.4	139.0	14.4	9.39
R5/810	STUDIO	169.9	167.4	154.2	13.3	7.95
R6/810	STUDIO	184.0	181.5	171.3	10.3	5.67
R7/810	STUDIO	188.1	185.5	180.9	4.6	2.48
R8/810	BEDROOM	126.4	125.5	125.5	0.0	0.00
R9/810	LKD	234.8	234.3	234.3	0.0	0.00
R1/811	STUDIO	261.4	252.6	252.6	0.0	0.00
R2/811	BEDROOM	108.8	107.3	107.3	0.0	0.00
R3/811	LKD	211.2	209.8	189.4	20.3	9.68
R4/811	STUDIO	156.3	153.7	147.2	6.5	4.23
R5/811	STUDIO	169.9	167.6	162.8	4.8	2.86

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R6/811	STUDIO	184.0	181.6	179.1	2.5	1.38
R7/811	STUDIO	188.1	185.5	185.3	0.3	0.16
R8/811	BEDROOM	126.4	125.5	125.5	0.0	0.00
R9/811	LKD	234.8	234.3	234.3	0.0	0.00
R1/812	STUDIO	261.4	254.9	254.9	0.0	0.00
R2/812	BEDROOM	108.8	107.5	107.5	0.0	0.00
R3/812	LKD	211.2	209.9	201.0	8.9	4.24
R4/812	STUDIO	156.3	153.9	153.2	0.7	0.45
R5/812	STUDIO	169.9	167.8	167.8	0.0	0.00
R6/812	STUDIO	184.0	181.8	181.8	0.0	0.00
R7/812	STUDIO	188.1	185.7	185.7	0.0	0.00
R8/812	BEDROOM	126.4	125.5	125.5	0.0	0.00
R9/812	LKD	234.8	234.3	234.3	0.0	0.00
R1/813	STUDIO	261.4	256.0	256.0	0.0	0.00
R2/813	BEDROOM	108.8	107.5	107.5	0.0	0.00
R3/813	LKD	211.2	209.9	209.8	0.1	0.05
R4/813	STUDIO	156.3	154.0	154.0	0.0	0.00
R5/813	STUDIO	169.9	167.9	167.9	0.0	0.00
R6/813	STUDIO	184.0	181.9	181.9	0.0	0.00
R7/813	STUDIO	188.1	185.9	185.9	0.0	0.00
R8/813	BEDROOM	126.4	125.5	125.5	0.0	0.00
R9/813	LKD	234.8	234.3	234.3	0.0	0.00
R1/814	STUDIO	261.4	256.2	256.2	0.0	0.00
R2/814	BEDROOM	108.8	107.6	107.6	0.0	0.00
R3/814	LKD	211.2	209.9	209.9	0.0	0.00
R4/814	STUDIO	156.3	154.3	154.3	0.0	0.00
R5/814	STUDIO	169.9	168.0	168.0	0.0	0.00
R6/814	STUDIO	184.0	182.1	182.1	0.0	0.00
R7/814	STUDIO	188.1	186.0	186.0	0.0	0.00
R8/814	BEDROOM	126.4	125.6	125.6	0.0	0.00
R9/814	LKD	234.8	234.3	234.3	0.0	0.00
R1/815	STUDIO	261.4	256.7	256.7	0.0	0.00
R2/815	BEDROOM	108.8	107.7	107.7	0.0	0.00
R3/815	LKD	211.2	209.9	209.9	0.0	0.00
R4/815	STUDIO	156.3	154.5	154.5	0.0	0.00
R5/815	STUDIO	169.9	168.1	168.1	0.0	0.00
R6/815	STUDIO	184.0	182.2	182.2	0.0	0.00
R7/815	STUDIO	188.1	186.0	186.0	0.0	0.00
R8/815	BEDROOM	126.4	125.6	125.6	0.0	0.00
R9/815	LKD	234.8	234.3	234.3	0.0	0.00
R1/816	STUDIO	261.4	257.3	257.3	0.0	0.00
R2/816	BEDROOM	108.8	107.7	107.7	0.0	0.00
R3/816	LKD	211.2	210.0	210.0	0.0	0.00
R4/816	STUDIO	156.3	154.7	154.7	0.0	0.00
R5/816	STUDIO	169.9	168.1	168.1	0.0	0.00
R6/816	STUDIO	184.0	182.2	182.2	0.0	0.00
R7/816	STUDIO	188.1	186.0	186.0	0.0	0.00
R8/816	BEDROOM	126.4	125.5	125.5	0.0	0.00
R9/816	LKD	234.8	234.3	234.3	0.0	0.00
City South Apartments						
R1/300	BEDROOM	178.6	177.5	177.5	0.0	0.00
R2/300	BEDROOM	85.4	55.9	55.9	0.0	0.00
R3/300	LKD	274.7	207.6	207.6	0.0	0.00
R4/300	LKD	347.1	277.3	277.3	0.0	0.00
R5/300	LKD	227.1	60.1	60.1	0.0	0.00

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R6/300	BEDROOM	98.6	55.1	55.1	0.0	0.00
R7/300	BEDROOM	126.0	62.8	62.8	0.0	0.00
R8/300	BEDROOM	143.3	101.5	101.5	0.0	0.00
R9/300	BEDROOM	93.5	73.2	73.2	0.0	0.00
R10/300	LKD	337.1	329.8	329.8	0.0	0.00
R11/300	LKD	332.0	296.4	296.4	0.0	0.00
R12/300	BEDROOM	111.8	109.0	109.0	0.0	0.00
R13/300	BEDROOM	144.8	139.9	139.9	0.0	0.00
R14/300	BEDROOM	129.6	123.5	123.5	0.0	0.00
R15/300	BEDROOM	89.4	88.1	88.1	0.0	0.00
R16/300	LKD	270.2	269.5	269.5	0.0	0.00
R17/300	BEDROOM	132.3	100.7	100.7	0.0	0.00
R18/300	BEDROOM	87.6	85.5	85.5	0.0	0.00
R19/300	LKD	264.7	264.1	263.8	0.3	0.11
R20/300	LKD	253.8	241.5	241.5	0.0	0.00
R21/300	BEDROOM	144.0	143.6	143.6	0.0	0.00
R22/300	BEDROOM	143.5	143.0	143.0	0.0	0.00
R23/300	BEDROOM	146.5	146.4	146.4	0.0	0.00
R24/300	BEDROOM	118.6	115.5	115.5	0.0	0.00
R25/300	BEDROOM	99.7	99.5	99.5	0.0	0.00
R26/300	LKD	264.6	242.9	232.5	10.4	4.28
R27/300	LKD	287.8	58.9	58.9	0.0	0.00
R28/300	BEDROOM	75.9	39.8	39.8	0.0	0.00
R29/300	BEDROOM	101.7	49.9	49.9	0.0	0.00
R30/300	BEDROOM	121.0	34.1	34.1	0.0	0.00
R31/300	LKD	252.5	78.2	78.2	0.0	0.00
R32/300	BEDROOM	81.2	44.1	44.1	0.0	0.00
R33/300	BEDROOM	142.1	80.8	80.8	0.0	0.00
R34/300	BEDROOM	125.3	76.5	76.5	0.0	0.00
R35/300	BEDROOM	85.8	68.1	68.1	0.0	0.00
R36/300	LKD	251.4	112.4	112.4	0.0	0.00
R37/300	BEDROOM	145.7	97.9	97.9	0.0	0.00
R38/300	BEDROOM	98.3	68.7	68.7	0.0	0.00
R39/300	LKD	291.2	134.3	134.3	0.0	0.00
R1/301	BEDROOM	178.6	176.0	176.0	0.0	0.00
R2/301	BEDROOM	86.4	58.1	58.1	0.0	0.00
R3/301	LKD	274.7	228.1	228.1	0.0	0.00
R4/301	LKD	283.1	183.7	183.7	0.0	0.00
R5/301	BEDROOM	122.7	91.3	91.3	0.0	0.00
R6/301	BEDROOM	165.2	102.8	102.8	0.0	0.00
R7/301	BEDROOM	188.2	105.6	105.6	0.0	0.00
R8/301	LKD	264.9	100.5	100.5	0.0	0.00
R9/301	BEDROOM	98.6	74.3	74.3	0.0	0.00
R10/301	BEDROOM	126.0	91.2	91.2	0.0	0.00
R11/301	BEDROOM	144.6	115.3	115.3	0.0	0.00
R12/301	BEDROOM	94.3	82.5	82.5	0.0	0.00
R13/301	LKD	318.2	301.1	301.1	0.0	0.00
R14/301	LKD	311.1	285.3	285.3	0.0	0.00
R15/301	BEDROOM	113.2	112.7	112.7	0.0	0.00
R16/301	BEDROOM	146.8	146.3	146.3	0.0	0.00
R17/301	BEDROOM	129.3	123.0	123.0	0.0	0.00
R18/301	BEDROOM	89.4	88.8	88.8	0.0	0.00
R19/301	LKD	270.2	269.5	269.5	0.0	0.00
R20/301	BEDROOM	188.2	181.0	181.0	0.0	0.00
R21/301	BEDROOM	87.6	85.8	85.8	0.0	0.00
R22/301	LKD	264.7	264.1	263.8	0.3	0.11
R23/301	LKD	253.8	244.7	244.7	0.0	0.00
R24/301	BEDROOM	144.0	142.8	142.8	0.0	0.00

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R25/301	BEDROOM	143.5	143.0	143.0	0.0	0.00
R26/301	BEDROOM	146.5	146.4	146.4	0.0	0.00
R27/301	BEDROOM	118.6	114.9	114.9	0.0	0.00
R28/301	BEDROOM	99.7	98.8	98.8	0.0	0.00
R29/301	LKD	264.6	257.3	248.5	8.8	3.42
R30/301	LKD	287.8	85.7	85.7	0.0	0.00
R31/301	BEDROOM	75.9	44.9	44.9	0.0	0.00
R32/301	BEDROOM	101.7	56.2	56.2	0.0	0.00
R33/301	BEDROOM	121.0	66.9	66.9	0.0	0.00
R34/301	LKD	252.5	102.3	102.3	0.0	0.00
R35/301	BEDROOM	81.2	61.4	61.4	0.0	0.00
R36/301	BEDROOM	142.1	108.5	108.5	0.0	0.00
R37/301	BEDROOM	125.3	100.6	100.6	0.0	0.00
R38/301	BEDROOM	85.8	84.3	84.3	0.0	0.00
R39/301	LKD	251.4	150.7	150.7	0.0	0.00
R40/301	BEDROOM	145.7	131.1	131.1	0.0	0.00
R41/301	BEDROOM	98.3	88.1	88.1	0.0	0.00
R42/301	LKD	291.2	173.7	173.7	0.0	0.00
R1/302	BEDROOM	178.6	176.1	176.1	0.0	0.00
R2/302	BEDROOM	86.4	60.0	60.0	0.0	0.00
R3/302	LKD	274.7	252.0	252.0	0.0	0.00
R4/302	LKD	283.1	243.9	243.9	0.0	0.00
R5/302	BEDROOM	122.7	111.7	111.7	0.0	0.00
R6/302	BEDROOM	165.2	137.4	137.4	0.0	0.00
R7/302	BEDROOM	188.2	153.6	153.6	0.0	0.00
R8/302	LKD	264.9	156.5	156.5	0.0	0.00
R9/302	BEDROOM	98.6	95.4	95.4	0.0	0.00
R10/302	BEDROOM	126.0	123.1	123.1	0.0	0.00
R11/302	BEDROOM	144.6	138.7	138.7	0.0	0.00
R12/302	BEDROOM	94.3	91.1	91.1	0.0	0.00
R13/302	LKD	318.2	301.8	301.8	0.0	0.00
R14/302	LKD	311.1	299.8	299.8	0.0	0.00
R15/302	BEDROOM	113.2	112.6	112.6	0.0	0.00
R16/302	BEDROOM	146.8	146.2	146.2	0.0	0.00
R17/302	BEDROOM	129.3	122.7	122.7	0.0	0.00
R18/302	BEDROOM	89.4	88.8	88.8	0.0	0.00
R19/302	LKD	270.2	269.5	269.5	0.0	0.00
R20/302	BEDROOM	188.2	180.9	180.9	0.0	0.00
R21/302	BEDROOM	87.6	85.9	85.9	0.0	0.00
R22/302	LKD	264.7	264.2	263.8	0.3	0.11
R23/302	LKD	253.8	247.6	247.6	0.0	0.00
R24/302	BEDROOM	144.0	142.5	142.5	0.0	0.00
R25/302	BEDROOM	143.5	143.0	143.0	0.0	0.00
R26/302	BEDROOM	146.5	146.4	146.4	0.0	0.00
R27/302	BEDROOM	118.6	115.3	115.3	0.0	0.00
R28/302	BEDROOM	99.7	98.8	98.8	0.0	0.00
R29/302	LKD	264.6	258.6	251.4	7.3	2.82
R30/302	LKD	287.8	135.0	135.0	0.0	0.00
R31/302	BEDROOM	75.9	62.2	62.2	0.0	0.00
R32/302	BEDROOM	101.7	83.4	83.4	0.0	0.00
R33/302	BEDROOM	121.0	109.5	109.5	0.0	0.00
R34/302	LKD	252.5	153.1	153.1	0.0	0.00
R35/302	BEDROOM	81.2	80.6	80.6	0.0	0.00
R36/302	BEDROOM	142.1	139.6	139.6	0.0	0.00
R37/302	BEDROOM	125.3	122.7	122.7	0.0	0.00
R38/302	BEDROOM	85.8	84.6	84.6	0.0	0.00
R39/302	LKD	251.4	199.9	199.9	0.0	0.00
R40/302	BEDROOM	145.7	144.7	144.7	0.0	0.00

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R41/302	BEDROOM	98.3	96.6	96.6	0.0	0.00
R42/302	LKD	291.2	229.3	229.3	0.0	0.00
R43/302	LKD	194.1	95.2	95.2	0.0	0.00
R44/302		147.2	100.4	100.4	0.0	0.00
R1/303	BEDROOM	178.6	175.5	175.5	0.0	0.00
R2/303	BEDROOM	86.4	63.0	63.0	0.0	0.00
R3/303	LKD	274.7	270.2	270.2	0.0	0.00
R4/303	LKD	283.1	282.6	282.6	0.0	0.00
R5/303	BEDROOM	122.7	111.7	111.7	0.0	0.00
R6/303	BEDROOM	165.2	139.7	139.7	0.0	0.00
R7/303	BEDROOM	188.2	167.2	167.2	0.0	0.00
R8/303	LKD	250.9	240.4	240.4	0.0	0.00
R9/303	BEDROOM	86.9	83.7	83.7	0.0	0.00
R10/303	BEDROOM	112.8	109.3	109.3	0.0	0.00
R11/303	BEDROOM	131.6	127.9	127.9	0.0	0.00
R12/303	BEDROOM	85.7	85.0	85.0	0.0	0.00
R13/303	LKD	313.4	303.0	303.0	0.0	0.00
R14/303	LKD	307.7	300.9	300.9	0.0	0.00
R15/303	BEDROOM	103.1	102.2	102.2	0.0	0.00
R16/303	BEDROOM	150.9	146.7	146.7	0.0	0.00
R17/303	BEDROOM	113.3	109.0	109.0	0.0	0.00
R18/303	BEDROOM	78.4	77.4	77.4	0.0	0.00
R19/303	LKD	255.6	254.1	254.1	0.0	0.00
R20/303	BEDROOM	176.5	171.3	171.3	0.0	0.00
R21/303	BEDROOM	79.7	78.8	78.8	0.0	0.00
R22/303	LKD	242.7	242.4	242.4	0.0	0.00
R23/303	LKD	231.8	230.1	230.1	0.0	0.00
R24/303	BEDROOM	108.4	107.4	107.4	0.0	0.00
R25/303	BEDROOM	128.9	127.3	127.3	0.0	0.00
R26/303	BEDROOM	146.5	146.4	146.4	0.0	0.00
R27/303	BEDROOM	118.6	116.0	116.0	0.0	0.00
R28/303	BEDROOM	99.7	99.5	99.5	0.0	0.00
R29/303	LKD	264.6	260.2	255.5	4.7	1.81
R30/303	LKD	287.8	215.1	215.1	0.0	0.00
R31/303	BEDROOM	75.9	69.8	69.8	0.0	0.00
R32/303	BEDROOM	101.7	94.8	94.8	0.0	0.00
R33/303	BEDROOM	121.0	117.1	117.1	0.0	0.00
R34/303	LKD	252.5	243.0	243.0	0.0	0.00
R35/303	BEDROOM	81.2	80.6	80.6	0.0	0.00
R36/303	BEDROOM	142.1	141.5	141.5	0.0	0.00
R37/303	BEDROOM	125.3	125.3	125.3	0.0	0.00
R38/303	BEDROOM	85.8	84.6	84.6	0.0	0.00
R39/303	LKD	251.4	249.9	249.9	0.0	0.00
R40/303	BEDROOM	145.7	144.8	144.8	0.0	0.00
R41/303	BEDROOM	98.3	96.8	96.8	0.0	0.00
R42/303	LKD	291.2	284.5	284.5	0.0	0.00
R43/303	LKD	194.1	99.3	99.3	0.0	0.00
R44/303		147.2	103.9	103.9	0.0	0.00
R1/304	BEDROOM	153.8	153.2	153.2	0.0	0.00
R2/304	BEDROOM	67.0	62.8	62.8	0.0	0.00
R3/304	LKD	237.6	237.0	237.0	0.0	0.00
R4/304	LKD	252.9	252.5	252.5	0.0	0.00
R5/304	BEDROOM	78.9	78.1	78.1	0.0	0.00
R6/304	BEDROOM	166.4	165.1	165.1	0.0	0.00
R7/304	BEDROOM	158.9	158.6	158.6	0.0	0.00
R8/304		224.0	95.6	95.6	0.0	0.00
R9/304		223.7	100.1	100.1	0.0	0.00
R10/304		172.0	77.0	77.0	0.0	0.00

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R11/304		167.6	83.4	83.4	0.0	0.00
R12/304		223.0	118.1	118.1	0.0	0.00
R13/304		223.5	130.6	130.6	0.0	0.00
R14/304	BEDROOM	202.5	153.7	153.7	0.0	0.00
R15/304	LKD	243.9	243.9	243.9	0.0	0.00
R16/304	BEDROOM	78.8	78.8	78.8	0.0	0.00
R17/304	BEDROOM	160.7	160.7	160.7	0.0	0.00
R18/304	BEDROOM	229.6	228.0	228.0	0.0	0.00
R19/304	LKD	273.4	268.0	268.0	0.0	0.00
R20/304	BEDROOM	96.6	96.0	96.0	0.0	0.00
R21/304	BEDROOM	107.4	105.6	105.6	0.0	0.00
R22/304	BEDROOM	61.1	60.4	60.4	0.0	0.00
R23/304	LKD	212.8	212.0	212.0	0.0	0.00
R24/304	LKD	177.1	177.0	177.0	0.0	0.00
R25/304	BEDROOM	74.7	74.7	74.7	0.0	0.00
R26/304	BEDROOM	71.0	71.0	71.0	0.0	0.00
R27/304	LKD	171.1	170.1	170.1	0.0	0.00
R28/304	LKD	192.2	192.0	192.0	0.0	0.00
R29/304	BEDROOM	104.5	103.8	103.8	0.0	0.00
R30/304	BEDROOM	112.7	112.4	112.4	0.0	0.00
R31/304	LKD	292.1	287.8	287.8	0.0	0.00
R32/304	LKD	194.1	111.0	111.0	0.0	0.00
R33/304		147.2	121.0	121.0	0.0	0.00
R1/305		77.6	46.3	46.3	0.0	0.00
R2/305		160.3	101.8	101.8	0.0	0.00
R3/305		233.8	153.4	153.4	0.0	0.00
R6/305	BEDROOM	144.8	144.8	144.8	0.0	0.00
R7/305	LKD	372.8	372.8	372.8	0.0	0.00
R8/305	LKD	477.6	477.0	477.0	0.0	0.00
R9/305	BEDROOM	96.9	96.7	96.7	0.0	0.00
R10/305		139.1	136.5	136.5	0.0	0.00
R11/305		135.3	93.0	93.0	0.0	0.00
R12/305		103.6	21.4	21.4	0.0	0.00
R1/306	LKD	234.3	234.3	234.3	0.0	0.00
R2/306	BEDROOM	265.8	246.3	246.3	0.0	0.00
R3/306	LKD	339.7	339.7	339.7	0.0	0.00
R4/306		139.1	138.2	138.2	0.0	0.00
R5/306		135.3	73.3	73.3	0.0	0.00
R6/306		103.6	21.6	21.6	0.0	0.00
R1/307		121.8	114.2	114.2	0.0	0.00
R2/307		164.0	164.0	164.0	0.0	0.00
R3/307		103.6	21.9	21.9	0.0	0.00
Macintosh Mills						
R1/9	LKD	204.8	189.2	189.0	0.2	0.11
R2/9	BEDROOM	162.5	158.3	158.3	0.0	0.00
R3/9	BEDROOM	126.9	124.7	124.7	0.0	0.00
R4/9	LKD	242.8	240.2	239.2	0.9	0.37
R5/9	BEDROOM	97.9	91.3	41.0	50.2	54.98
R6/9	STUDIO	276.4	264.7	111.6	153.1	57.84
R7/9	BEDROOM	245.4	228.2	114.1	114.1	50.00
R8/9	BEDROOM	118.2	98.3	43.5	54.8	55.75
R10/9	BEDROOM	131.0	23.7	23.7	0.0	0.00
R11/9	BEDROOM	143.1	0.0	0.0	0.0	0.00
R12/9	BEDROOM	87.8	18.3	18.3	0.0	0.00
R13/9	BEDROOM	139.7	51.2	51.2	0.0	0.00

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R1/10	LKD	200.0	184.1	183.0	1.1	0.60
R2/10	BEDROOM	157.9	153.0	153.0	0.0	0.00
R3/10	BEDROOM	120.1	117.2	117.2	0.0	0.00
R4/10	LKD	233.5	230.9	228.6	2.3	1.00
R5/10	BEDROOM	107.3	100.7	36.1	64.6	64.15
R6/10	BEDROOM	106.3	99.3	35.8	63.5	63.95
R8/10	LKD	279.5	272.4	105.7	166.7	61.20
R9/10	BEDROOM	102.8	97.4	34.8	62.5	64.17
R10/10	LKD	252.2	244.7	139.0	105.7	43.20
R12/10	BEDROOM	91.3	85.3	63.0	22.2	26.03
R13/10	BEDROOM	171.4	169.6	159.9	9.7	5.72
R1/11	LKD	200.0	182.1	180.7	1.4	0.77
R2/11	BEDROOM	157.9	151.6	151.4	0.2	0.13
R3/11	BEDROOM	120.1	117.1	117.1	0.0	0.00
R4/11	LKD	233.5	229.9	226.1	3.8	1.65
R5/11	BEDROOM	107.3	97.1	31.1	66.0	67.97
R6/11	BEDROOM	106.3	96.8	30.4	66.4	68.60
R8/11	LKD	279.5	272.4	98.0	174.4	64.02
R9/11	BEDROOM	102.8	96.0	30.2	65.8	68.54
R10/11	LKD	252.2	244.2	128.3	115.8	47.42
R12/11	BEDROOM	91.3	81.3	58.3	23.0	28.29
R13/11	BEDROOM	171.4	169.6	156.7	12.9	7.61
R1/12	LKD	200.0	183.8	182.9	0.8	0.44
R2/12	BEDROOM	157.9	152.8	152.5	0.2	0.13
R3/12	BEDROOM	120.1	117.3	117.3	0.0	0.00
R4/12	LKD	233.5	231.2	228.1	3.2	1.38
R5/12	BEDROOM	107.3	97.5	34.8	62.7	64.31
R6/12	BEDROOM	106.3	97.0	34.0	63.0	64.95
R8/12	LKD	279.5	272.7	100.8	171.9	63.04
R9/12	BEDROOM	102.8	96.5	34.5	62.0	64.25
R10/12	LKD	252.2	243.2	135.7	107.5	44.20
R12/12	BEDROOM	91.3	82.7	59.7	23.0	27.81
R13/12	BEDROOM	171.4	169.8	158.7	11.1	6.54
R1/13	LKD	200.0	183.8	183.3	0.5	0.27
R2/13	BEDROOM	157.9	152.8	152.6	0.1	0.07
R3/13	BEDROOM	120.1	117.3	117.3	0.0	0.00
R4/13	LKD	233.5	231.7	229.5	2.1	0.91
R5/13	BEDROOM	107.3	98.5	36.9	61.6	62.54
R6/13	BEDROOM	106.3	97.1	35.9	61.2	63.03
R8/13	LKD	279.5	272.4	106.6	165.9	60.90
R9/13	BEDROOM	102.8	97.3	37.7	59.6	61.25
R10/13	LKD	252.2	244.8	140.2	104.6	42.73
R12/13	BEDROOM	91.3	82.6	62.0	20.5	24.82
R13/13	BEDROOM	171.4	169.9	159.7	10.2	6.00
R1/14	LKD	200.0	193.9	193.6	0.3	0.15
R2/14	BEDROOM	157.9	151.7	151.7	0.0	0.00
R3/14	BEDROOM	120.1	116.0	116.0	0.0	0.00
R4/14	LKD	233.5	231.3	228.3	3.0	1.30
R5/14	BEDROOM	107.3	100.8	41.8	59.0	58.53
R6/14	BEDROOM	106.3	98.6	40.2	58.4	59.23
R8/14	LKD	279.5	269.3	112.5	156.8	58.23
R9/14	BEDROOM	102.8	96.8	41.2	55.6	57.44
R10/14	LKD	252.2	243.3	146.5	96.8	39.79
R12/14	BEDROOM	91.3	82.9	63.8	19.1	23.04
R13/14	BEDROOM	171.4	169.9	160.8	9.2	5.41
R1/280		195.2	152.7	147.7	5.0	3.27
R1/281		195.2	131.7	126.2	5.4	4.10
R2/281		176.5	169.2	163.5	5.7	3.37

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R3/281		81.4	77.0	41.7	35.3	45.84
R1/282		195.2	138.7	131.1	7.6	5.48
R2/282		176.5	171.3	163.8	7.5	4.38
R3/282		81.4	79.3	53.7	25.7	32.41
R17/9		332.7	227.3	227.3	0.0	0.00
R16/10		322.6	230.6	221.9	8.7	3.77
R16/11		322.6	294.8	280.5	14.3	4.85
R16/12		322.6	311.5	307.9	3.6	1.16
Chorlton Mill						
R1/239	BEDROOM	222.5	200.6	194.0	6.6	3.29
R3/239		251.3	239.2	239.2	0.0	0.00
R4/239		232.1	220.9	220.9	0.0	0.00
R5/239		225.8	205.6	205.6	0.0	0.00
R6/239		229.8	199.3	199.3	0.0	0.00
R7/239		232.5	203.6	203.6	0.0	0.00
R8/239		343.7	288.9	288.9	0.0	0.00
R1/240	STUDIO	286.2	272.9	272.3	0.6	0.22
R3/240	LKD	356.4	340.8	294.4	46.4	13.62
R4/240	BEDROOM	150.6	142.2	141.4	0.8	0.56
R5/240	BEDROOM	175.2	162.3	162.3	0.0	0.00
R6/240	BEDROOM	112.7	110.4	110.4	0.0	0.00
R7/240	LKD	376.8	260.4	260.4	0.0	0.00
R8/240	LKD	344.8	248.0	248.0	0.0	0.00
R9/240	BEDROOM	161.6	119.6	119.6	0.0	0.00
R10/240	BEDROOM	173.8	130.0	130.0	0.0	0.00
R11/240	LKD	359.4	259.2	259.2	0.0	0.00
R1/241	LKD	280.7	255.0	255.0	0.0	0.00
R3/241	BEDROOM	170.7	167.9	164.1	3.8	2.26
R4/241	BEDROOM	122.4	120.3	120.3	0.0	0.00
R5/241	LKD	456.5	427.6	366.3	61.4	14.36
R6/241	LKD	471.3	439.0	371.6	67.4	15.35
R7/241	BEDROOM	124.8	119.7	119.7	0.0	0.00
R8/241	BEDROOM	146.9	137.7	132.3	5.3	3.85
R9/241	BEDROOM	122.4	120.6	120.6	0.0	0.00
R10/241	LKD	433.4	345.0	323.0	22.0	6.38
R11/241	LKD	483.7	401.5	384.9	16.6	4.13
R12/241	BEDROOM	135.3	130.3	130.3	0.0	0.00
R1/242	LKD	280.7	270.6	270.6	0.0	0.00
R3/242	BEDROOM	170.7	167.5	164.4	3.1	1.85
R4/242	BEDROOM	122.4	119.8	119.8	0.0	0.00
R5/242	LKD	456.5	446.0	370.2	75.9	17.02
R6/242	LKD	471.3	452.9	380.7	72.3	15.96
R7/242	BEDROOM	124.8	122.6	122.6	0.0	0.00
R8/242	BEDROOM	146.9	145.3	140.4	4.9	3.37
R9/242	BEDROOM	122.4	120.2	120.2	0.0	0.00
R10/242	LKD	433.4	363.2	336.0	27.2	7.49
R11/242	LKD	483.7	425.0	406.2	18.8	4.42
R12/242	BEDROOM	135.3	131.0	131.0	0.0	0.00
R1/243	LKD	280.7	271.0	271.0	0.0	0.00
R3/243	BEDROOM	170.7	167.5	167.5	0.0	0.00
R4/243	BEDROOM	122.4	119.8	119.8	0.0	0.00
R5/243	LKD	456.5	450.1	386.5	63.6	14.13
R6/243	LKD	471.3	462.4	397.6	64.8	14.01
R7/243	BEDROOM	124.8	122.6	122.6	0.0	0.00
R8/243	BEDROOM	146.9	145.3	145.3	0.0	0.00
R9/243	BEDROOM	122.4	120.2	120.2	0.0	0.00

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R10/243	LKD	433.4	422.5	379.8	42.7	10.11
R11/243	LKD	483.7	474.6	427.9	46.8	9.86
R12/243	BEDROOM	135.3	132.0	132.0	0.0	0.00
R1/244	LKD	280.7	274.8	274.8	0.0	0.00
R3/244	BEDROOM	176.9	173.6	173.6	0.0	0.00
R4/244	BEDROOM	122.4	119.8	119.8	0.0	0.00
R5/244	LKD	458.6	455.2	398.8	56.4	12.39
R6/244	LKD	484.7	481.1	423.1	58.0	12.06
R7/244	BEDROOM	124.8	122.6	122.6	0.0	0.00
R8/244	BEDROOM	146.9	145.3	145.3	0.0	0.00
R9/244	BEDROOM	111.1	109.5	109.5	0.0	0.00
R10/244	LKD	439.0	436.1	392.9	43.2	9.91
R11/244	LKD	483.7	479.7	433.3	46.3	9.65
R12/244	BEDROOM	135.3	132.2	132.2	0.0	0.00
R1/245		276.9	272.6	272.6	0.0	0.00
R3/245	BEDROOM	176.9	174.1	138.2	36.0	20.68
R4/245	BEDROOM	122.4	120.4	115.3	5.1	4.24
R5/245	LKD	427.1	412.8	343.8	69.1	16.74
R6/245	LKD	451.4	433.4	359.7	73.7	17.01
R7/245	BEDROOM	124.8	123.1	116.7	6.4	5.20
R8/245	BEDROOM	146.9	144.5	104.1	40.4	27.96
R9/245	BEDROOM	111.1	110.1	105.8	4.3	3.91
R10/245	LKD	408.9	391.0	353.4	37.6	9.62
R11/245	LKD	450.6	431.1	394.5	36.6	8.49
R12/245	BEDROOM	135.3	132.7	128.0	4.8	3.62
R1/250		358.4	348.2	348.2	0.0	0.00
R2/250		84.3	83.5	83.5	0.0	0.00
R1/251	BEDROOM	242.0	236.5	236.5	0.0	0.00
R2/251	BEDROOM	161.9	157.0	157.0	0.0	0.00
R3/251	LKD	487.6	478.5	476.8	1.7	0.36
R1/252	BEDROOM	242.0	237.5	237.5	0.0	0.00
R2/252	BEDROOM	161.9	157.1	157.1	0.0	0.00
R3/252	LKD	487.6	479.1	479.1	0.0	0.00
R1/253	BEDROOM	242.0	240.7	240.7	0.0	0.00
R2/253	BEDROOM	161.9	157.1	157.1	0.0	0.00
R3/253	LKD	487.6	479.5	479.5	0.0	0.00
R1/254	BEDROOM	242.0	239.2	239.2	0.0	0.00
R2/254	BEDROOM	161.9	157.7	150.4	7.3	4.63
R3/254	LKD	487.6	480.2	480.0	0.2	0.04
R1/255		117.6	114.9	114.9	0.0	0.00
R2/255		563.3	563.3	563.3	0.0	0.00
5 Cambridge Street (Cambridge Mill)						
R1/29		163.9	142.8	142.8	0.0	0.00
R2/29		144.0	123.2	123.2	0.0	0.00
R3/29		143.8	124.2	124.2	0.0	0.00
R4/29		145.1	125.9	125.9	0.0	0.00
R5/29		143.4	125.5	125.5	0.0	0.00
R6/29		143.8	126.2	126.2	0.0	0.00
R7/29		168.1	146.2	146.2	0.0	0.00
R8/29		144.3	130.3	130.3	0.0	0.00
R9/29		144.5	132.1	132.1	0.0	0.00
R10/29		188.6	186.2	186.2	0.0	0.00
R1/30		163.9	149.7	149.7	0.0	0.00
R2/30		144.0	131.5	131.5	0.0	0.00
R3/30		143.8	131.7	131.7	0.0	0.00

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R4/30		145.1	133.0	133.0	0.0	0.00
R5/30		143.4	131.7	131.7	0.0	0.00
R6/30		143.8	131.7	131.7	0.0	0.00
R7/30		168.1	153.1	153.1	0.0	0.00
R8/30		144.3	134.5	134.5	0.0	0.00
R9/30		144.5	135.3	135.3	0.0	0.00
R10/30		188.6	187.7	187.7	0.0	0.00
R1/31		163.9	139.3	139.3	0.0	0.00
R2/31		163.9	141.2	141.2	0.0	0.00
R3/31		144.0	122.7	122.7	0.0	0.00
R4/31		143.8	123.1	123.1	0.0	0.00
R5/31		145.1	125.6	125.6	0.0	0.00
R6/31		143.4	124.5	124.5	0.0	0.00
R7/31		143.8	124.3	124.3	0.0	0.00
R8/31		168.1	145.1	145.0	0.1	0.07
R9/31		165.8	146.7	146.7	0.0	0.00
R10/31		145.0	129.3	129.3	0.0	0.00
R11/31		144.3	130.4	130.4	0.0	0.00
R12/31		144.5	131.9	131.9	0.0	0.00
R13/31		188.5	187.2	187.2	0.0	0.00
R1/32		163.9	142.0	142.0	0.0	0.00
R2/32		163.9	143.5	143.5	0.0	0.00
R3/32		144.0	125.3	125.3	0.0	0.00
R4/32		143.8	125.8	125.8	0.0	0.00
R5/32		145.1	128.2	128.2	0.0	0.00
R6/32		143.4	126.3	126.3	0.0	0.00
R7/32		143.8	125.7	125.7	0.0	0.00
R8/32		168.1	147.2	147.2	0.0	0.00
R9/32		165.8	147.7	147.7	0.0	0.00
R10/32		145.0	130.7	130.7	0.0	0.00
R11/32		144.3	131.2	131.2	0.0	0.00
R12/32		144.5	133.1	133.1	0.0	0.00
R13/32		188.5	187.8	187.8	0.0	0.00
R1/33		163.9	144.5	144.5	0.0	0.00
R2/33		163.9	147.2	147.2	0.0	0.00
R3/33		144.0	128.4	128.4	0.0	0.00
R4/33		143.8	128.9	128.9	0.0	0.00
R5/33		145.1	130.4	130.4	0.0	0.00
R6/33		143.4	127.7	127.7	0.0	0.00
R7/33		143.8	128.0	128.0	0.0	0.00
R8/33		168.1	149.4	149.4	0.0	0.00
R9/33		165.8	149.6	149.6	0.0	0.00
R10/33		145.0	132.2	132.2	0.0	0.00
R11/33		144.3	132.5	132.5	0.0	0.00
R12/33		144.5	134.2	134.2	0.0	0.00
R13/33		188.5	187.8	187.8	0.0	0.00
R1/34		163.9	145.2	145.2	0.0	0.00
R2/34		163.9	147.9	147.9	0.0	0.00
R3/34		144.0	129.2	129.2	0.0	0.00
R4/34		143.8	129.6	129.6	0.0	0.00
R5/34		145.1	131.0	131.0	0.0	0.00
R6/34		143.4	128.4	128.4	0.0	0.00
R7/34		143.8	128.7	128.7	0.0	0.00
R8/34		168.1	149.9	149.9	0.0	0.00
R9/34		165.8	149.8	149.8	0.0	0.00
R10/34		145.0	132.2	132.2	0.0	0.00
R11/34		144.3	132.8	132.8	0.0	0.00
R12/34		144.5	134.3	134.3	0.0	0.00

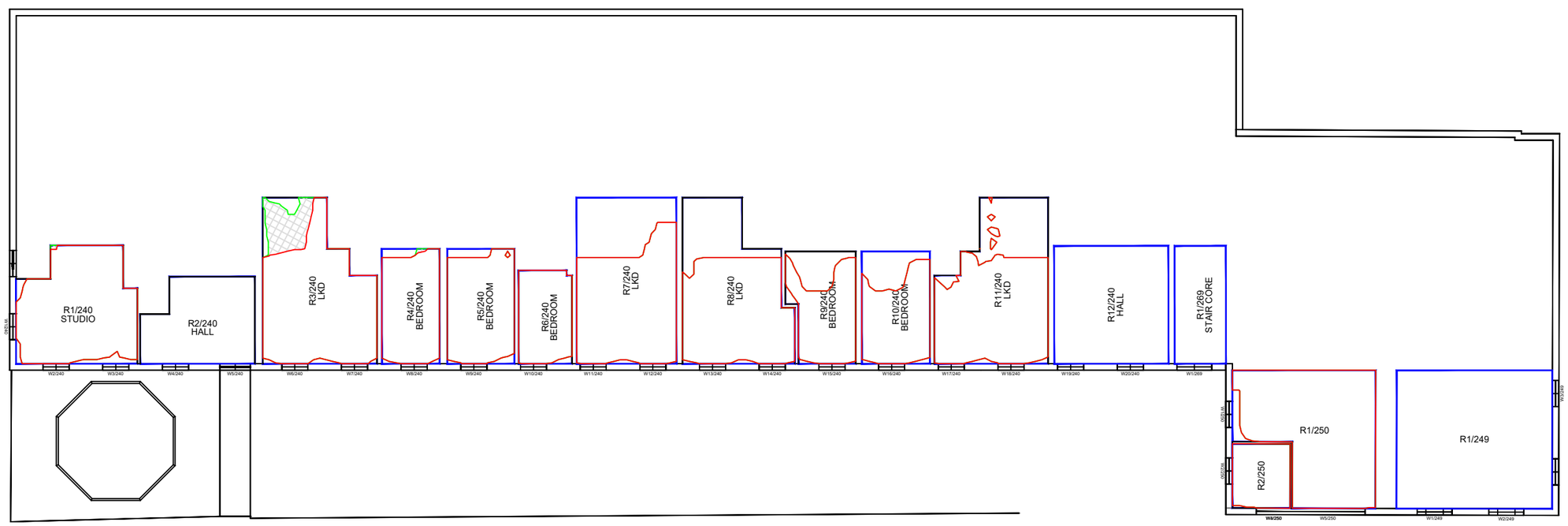
Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R13/34		188.5	187.8	187.8	0.0	0.00
R1/35		139.1	107.6	107.6	0.0	0.00
R2/35		144.0	127.1	127.1	0.0	0.00
R3/35		138.9	122.7	122.7	0.0	0.00
R4/35		143.4	125.7	125.7	0.0	0.00
R5/35		143.8	111.2	111.2	0.0	0.00
R6/35		135.1	119.3	119.3	0.0	0.00
R7/35		155.7	152.0	152.0	0.0	0.00
R8/35		149.5	132.0	132.0	0.0	0.00
R9/35		144.3	127.4	127.4	0.0	0.00
R10/35		144.5	111.8	111.8	0.0	0.00
R11/35		175.8	155.2	155.2	0.0	0.00
Manchester Student Village						
R1/20		223.2	222.1	222.1	0.0	0.00
R2/20		157.2	155.8	155.8	0.0	0.00
R3/20		158.5	157.0	157.0	0.0	0.00
R4/20		157.8	156.4	156.4	0.0	0.00
R5/20		157.7	156.3	156.3	0.0	0.00
R6/20		158.2	156.7	156.7	0.0	0.00
R7/20		157.9	156.5	156.5	0.0	0.00
R8/20		157.6	156.3	156.3	0.0	0.00
R9/20		157.6	156.3	156.3	0.0	0.00
R10/20		157.4	156.1	156.1	0.0	0.00
R11/20		157.0	155.8	155.8	0.0	0.00
R12/20		157.4	156.1	156.1	0.0	0.00
R13/20		157.5	156.2	156.2	0.0	0.00
R1/21		223.2	222.2	222.2	0.0	0.00
R2/21		157.2	155.8	155.8	0.0	0.00
R3/21		158.5	157.0	157.0	0.0	0.00
R4/21		157.8	156.4	156.4	0.0	0.00
R5/21		157.7	156.3	156.3	0.0	0.00
R6/21		158.2	156.7	156.7	0.0	0.00
R7/21		157.9	156.5	156.5	0.0	0.00
R8/21		157.6	156.3	156.3	0.0	0.00
R9/21		157.6	156.3	156.3	0.0	0.00
R10/21		157.4	156.1	156.1	0.0	0.00
R11/21		157.0	155.8	155.8	0.0	0.00
R12/21		157.4	156.1	156.1	0.0	0.00
R13/21		157.5	156.2	156.2	0.0	0.00
R14/21		189.7	186.9	186.9	0.0	0.00
R1/22		223.2	222.9	222.9	0.0	0.00
R2/22		157.2	155.8	155.8	0.0	0.00
R3/22		158.5	157.0	157.0	0.0	0.00
R4/22		157.8	156.4	156.4	0.0	0.00
R5/22		157.7	156.3	156.3	0.0	0.00
R6/22		158.2	156.7	156.7	0.0	0.00
R7/22		157.9	156.5	156.5	0.0	0.00
R8/22		157.6	156.3	156.3	0.0	0.00
R9/22		157.6	156.3	156.3	0.0	0.00
R10/22		157.4	156.1	156.1	0.0	0.00
R11/22		157.0	155.8	155.8	0.0	0.00
R12/22		157.4	156.1	156.1	0.0	0.00
R13/22		157.5	156.2	156.2	0.0	0.00
R14/22		189.7	186.9	186.9	0.0	0.00
R1/23		223.2	222.9	222.9	0.0	0.00
R2/23		157.2	155.8	155.8	0.0	0.00

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R3/23		158.5	157.0	157.0	0.0	0.00
R4/23		157.8	156.4	156.4	0.0	0.00
R5/23		157.7	156.3	156.3	0.0	0.00
R6/23		158.2	156.7	156.7	0.0	0.00
R7/23		157.9	156.5	156.5	0.0	0.00
R8/23		157.6	156.3	156.3	0.0	0.00
R9/23		157.6	156.3	156.3	0.0	0.00
R10/23		157.4	156.1	156.1	0.0	0.00
R11/23		157.0	155.8	155.8	0.0	0.00
R12/23		157.4	156.1	156.1	0.0	0.00
R13/23		157.5	156.2	156.2	0.0	0.00
R14/23		189.7	186.9	186.9	0.0	0.00
R1/24		223.2	222.9	222.9	0.0	0.00
R2/24		157.2	155.8	155.8	0.0	0.00
R3/24		158.5	157.0	157.0	0.0	0.00
R4/24		157.8	156.4	156.4	0.0	0.00
R5/24		157.7	156.3	156.3	0.0	0.00
R6/24		158.2	156.7	156.7	0.0	0.00
R7/24		157.9	156.5	156.5	0.0	0.00
R8/24		157.6	156.3	156.3	0.0	0.00
R9/24		157.6	156.3	156.3	0.0	0.00
R10/24		157.4	156.1	156.1	0.0	0.00
R11/24		157.0	155.8	155.8	0.0	0.00
R12/24		157.4	156.1	156.1	0.0	0.00
R13/24		157.5	156.2	156.2	0.0	0.00
R14/24		189.7	186.9	186.9	0.0	0.00
R1/25		223.2	222.9	222.9	0.0	0.00
R2/25		157.2	155.8	155.8	0.0	0.00
R3/25		158.5	157.0	157.0	0.0	0.00
R4/25		157.8	156.4	156.4	0.0	0.00
R5/25		157.7	156.3	156.3	0.0	0.00
R6/25		158.2	156.7	156.7	0.0	0.00
R7/25		157.9	156.5	156.5	0.0	0.00
R8/25		157.6	156.3	156.3	0.0	0.00
R9/25		157.6	156.3	156.3	0.0	0.00
R10/25		157.4	156.1	156.1	0.0	0.00
R11/25		157.0	155.8	155.8	0.0	0.00
R12/25		157.4	156.1	156.1	0.0	0.00
R13/25		157.5	156.2	156.2	0.0	0.00
R14/25		189.7	186.9	186.9	0.0	0.00
R1/26		131.4	130.4	130.4	0.0	0.00
R2/26		157.2	156.0	156.0	0.0	0.00
R3/26		158.5	157.3	157.3	0.0	0.00
R4/26		157.8	156.5	156.5	0.0	0.00
R5/26		157.7	156.5	156.5	0.0	0.00
R6/26		158.2	157.0	157.0	0.0	0.00
R7/26		157.9	156.6	156.6	0.0	0.00
R8/26		157.6	156.4	156.4	0.0	0.00
R9/26		157.6	156.3	156.3	0.0	0.00
R10/26		157.4	156.2	156.2	0.0	0.00
R11/26		157.0	155.8	155.8	0.0	0.00
R12/26		157.4	156.2	156.2	0.0	0.00
R13/26		157.5	156.2	156.2	0.0	0.00
R14/26		189.7	184.6	184.6	0.0	0.00

SCALE NTS @ A3



LOWER GROUND



GROUND FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

Key:
- Existing NSL Contour
- Proposed NSL Contour
- Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street,
Altrincham, WA14 1ES

Client:
Ask Real Estate

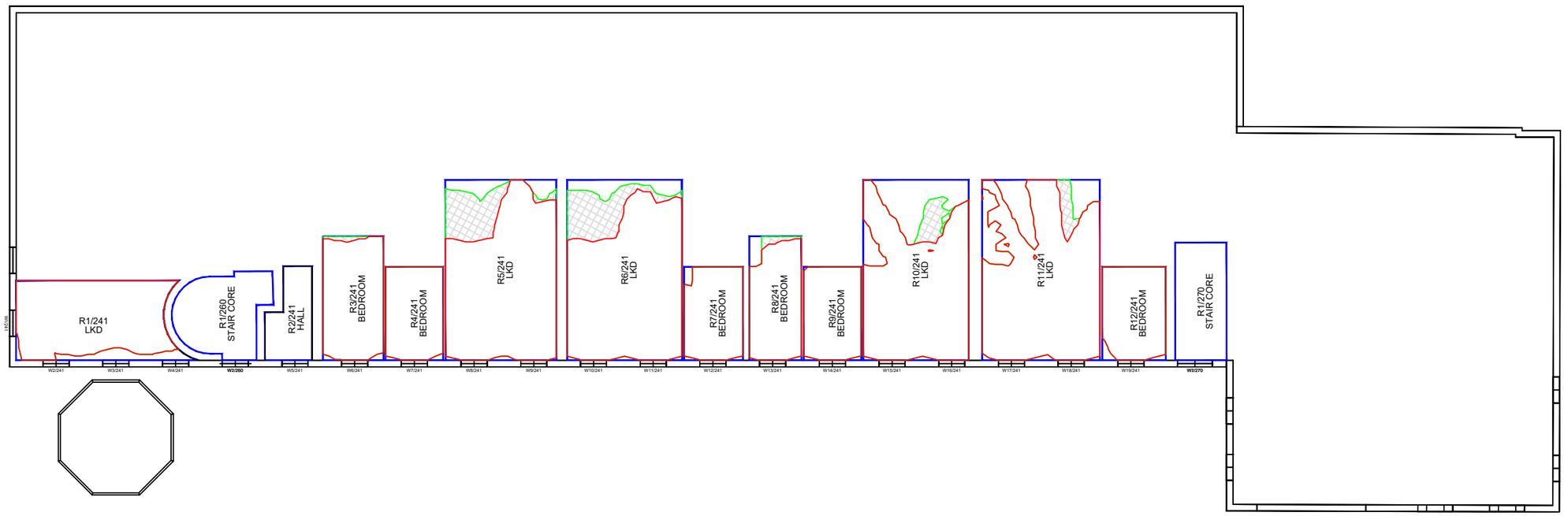
Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A
Chorlton Mill

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W150	-

SCALE NTS @ A3



FIRST FLOOR



SECOND FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:
Existing NSL Contour
Proposed NSL Contour
Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

Project:
First Street, Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A
Chorlton Mill

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W151	-

SCALE NTS @ A3



THIRD FLOOR



FOURTH FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

Key:
- Existing NSL Contour
- Proposed NSL Contour
- Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street,
Altrincham, WA14 1ES

Client:
Ask Real Estate

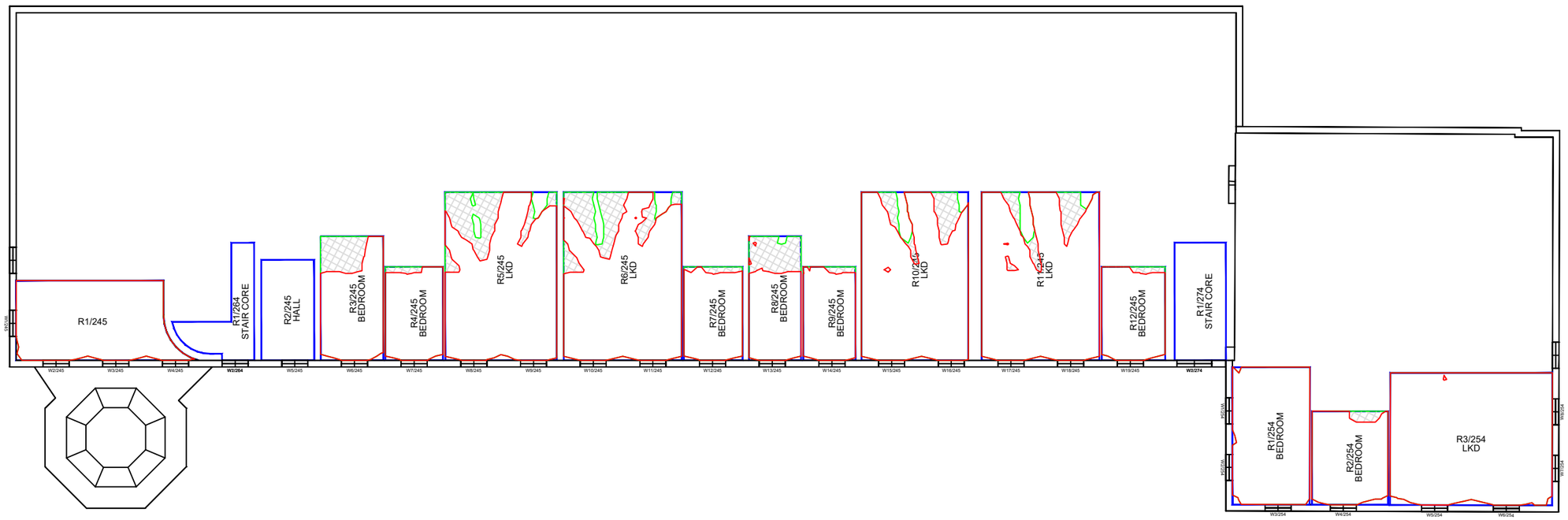
Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme -
Plot 10A
Chorlton Mill

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W152	-

SCALE NTS @ A3



FIFTH FLOOR



SIXTH FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

Key:
Existing NSL Contour
Proposed NSL Contour
Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

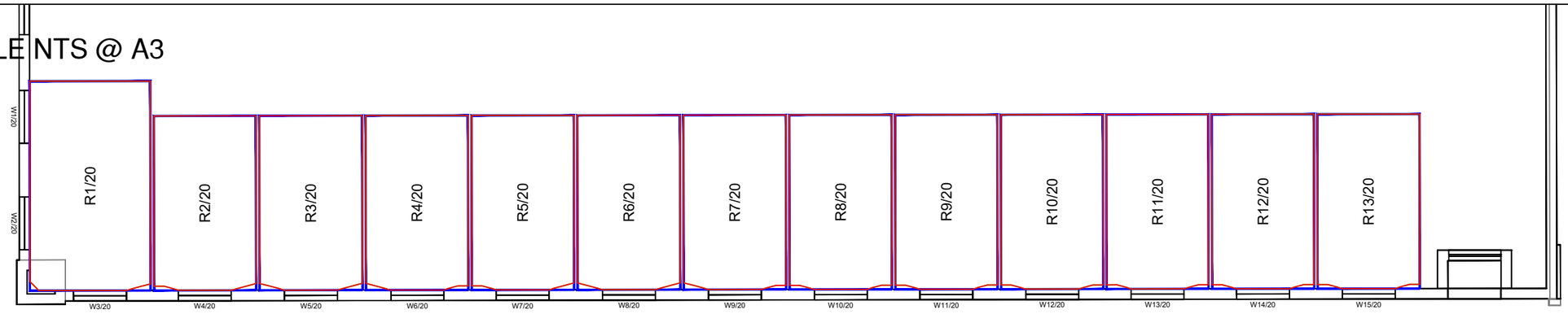
Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A
Chorlton Mill

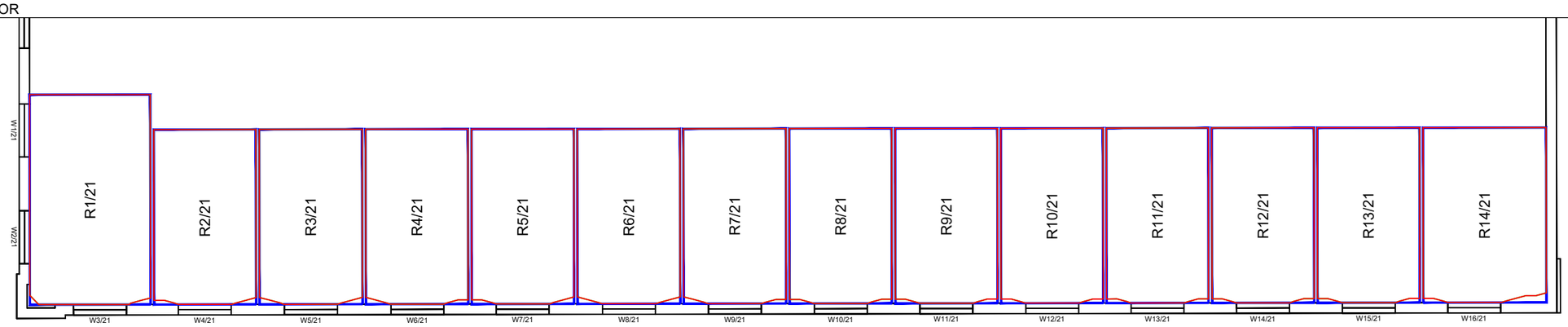
Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W153	-

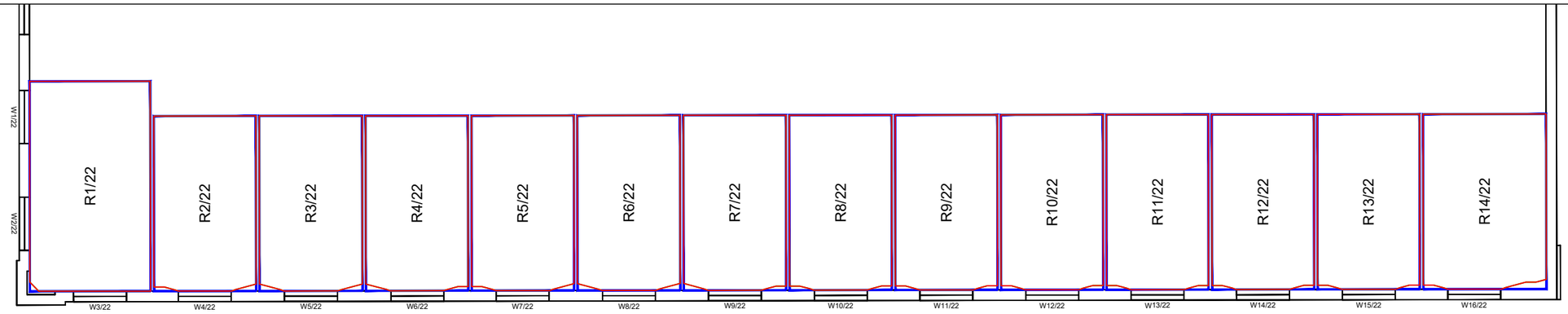
SCALE NTS @ A3



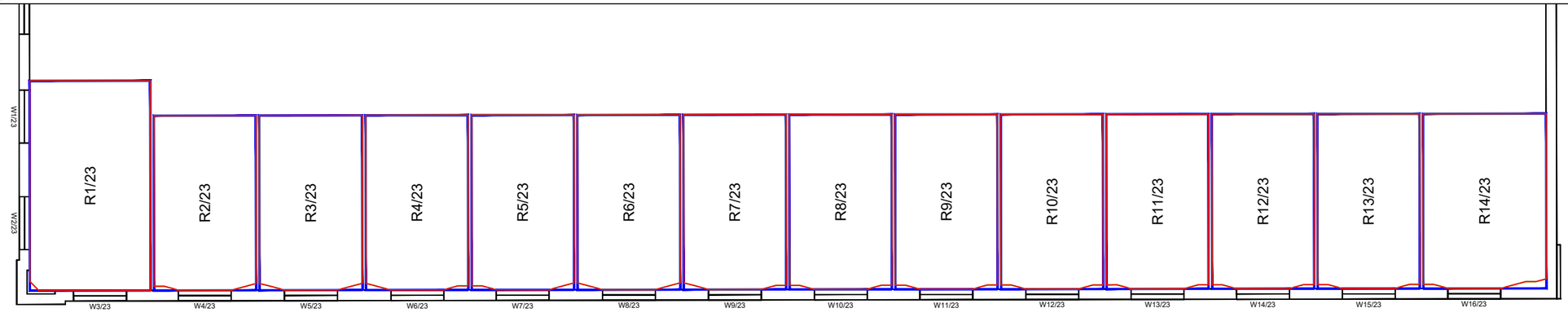
GROUND FLOOR



FIRST FLOOR



SECOND FLOOR



THIRD FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:
- Existing NSL Contour
- Proposed NSL Contour
- Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street,
Altrincham, WA14 1ES

Client:
Ask Real Estate

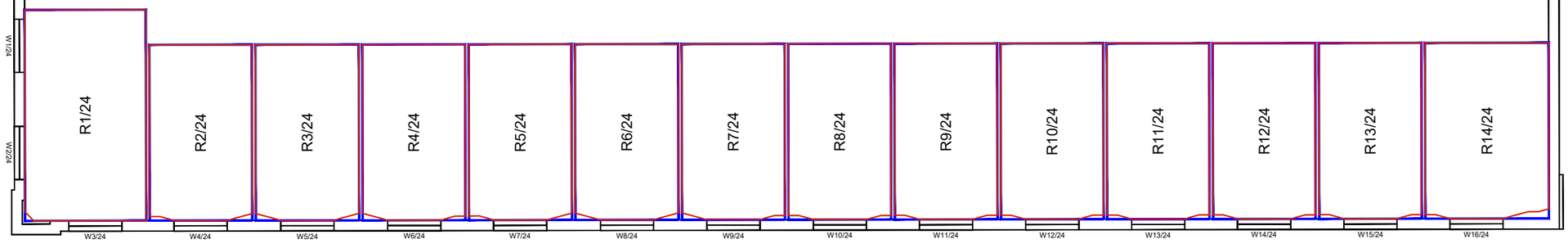
Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A
Manchester Student Village

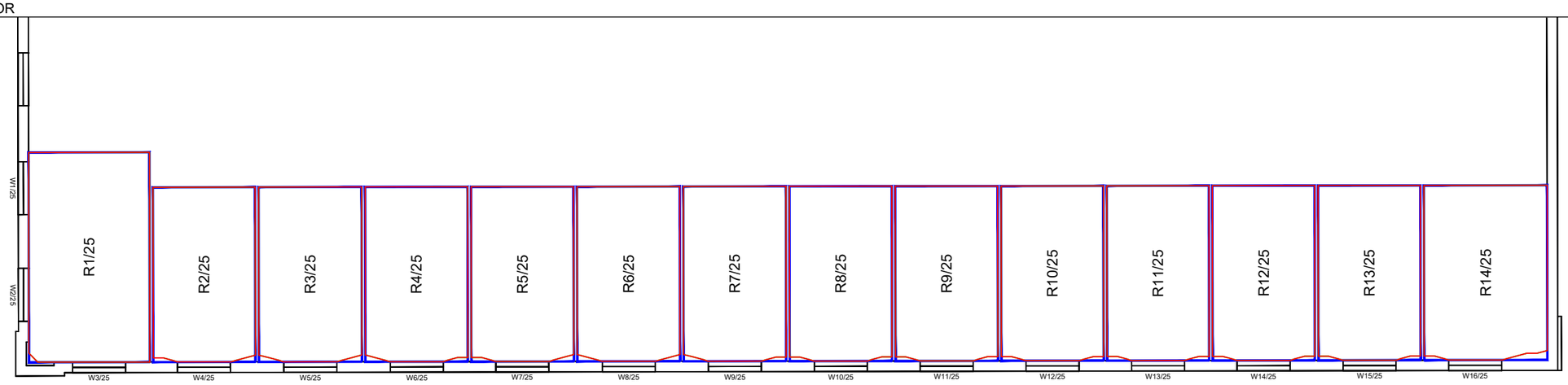
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Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W154	-

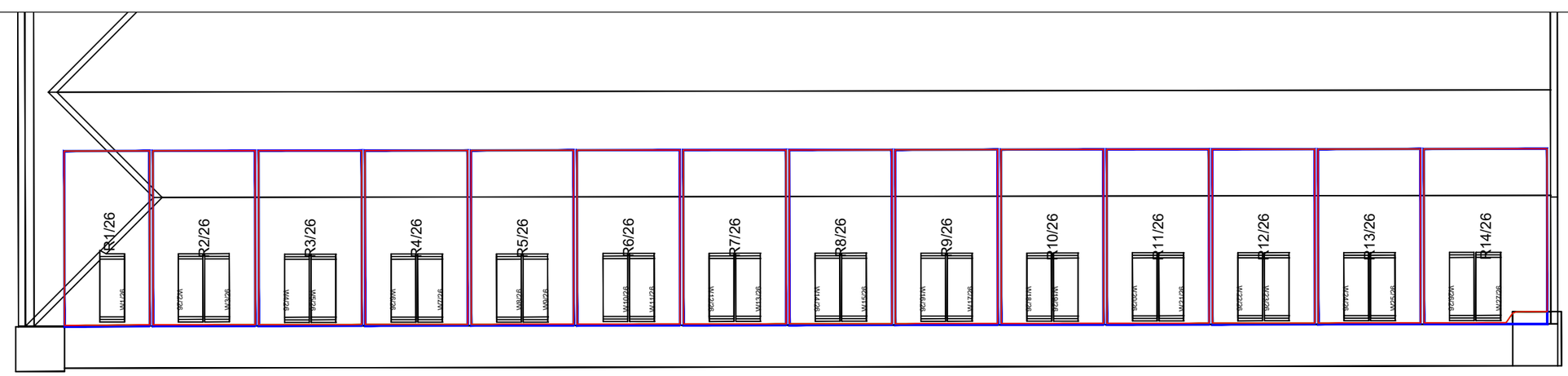
SCALE NTS @ A3



FOURTH FLOOR



FIFTH FLOOR



SIXTH FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

Key:
Existing NSL Contour
Proposed NSL Contour
Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

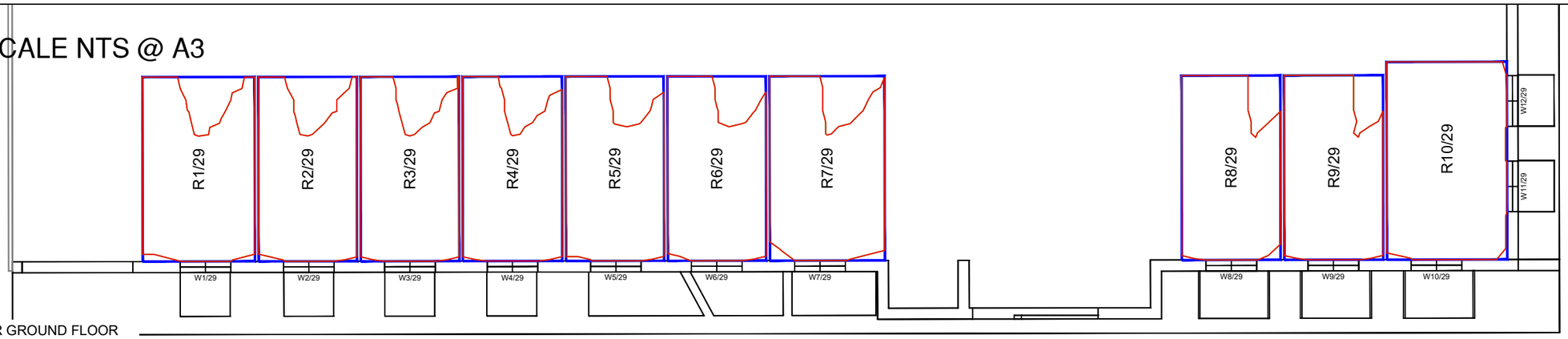
Project:
First Street, Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A
Manchester Student Village

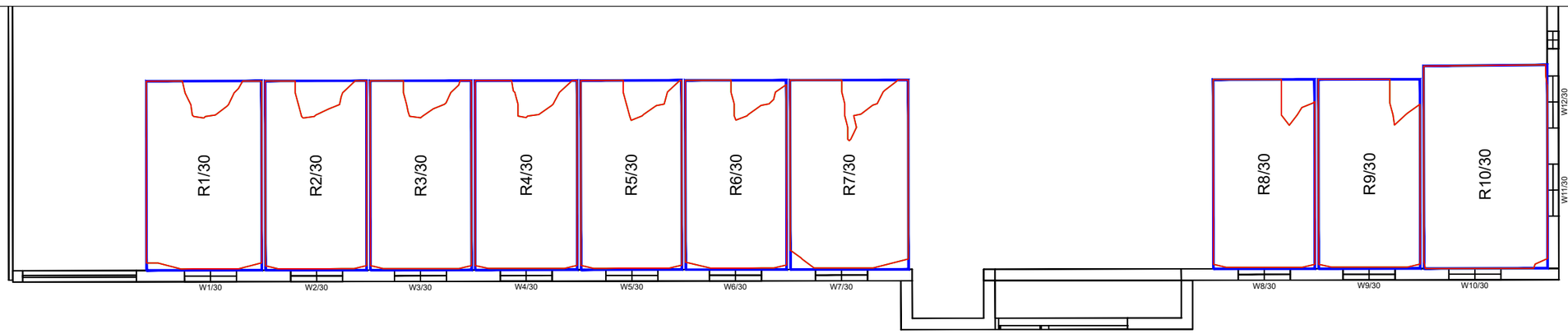
Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W155	-

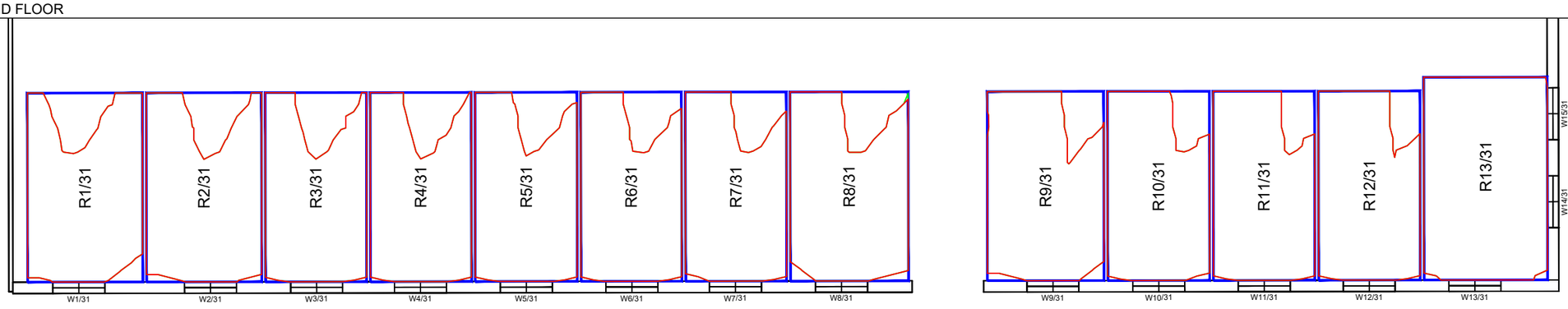
SCALE NTS @ A3



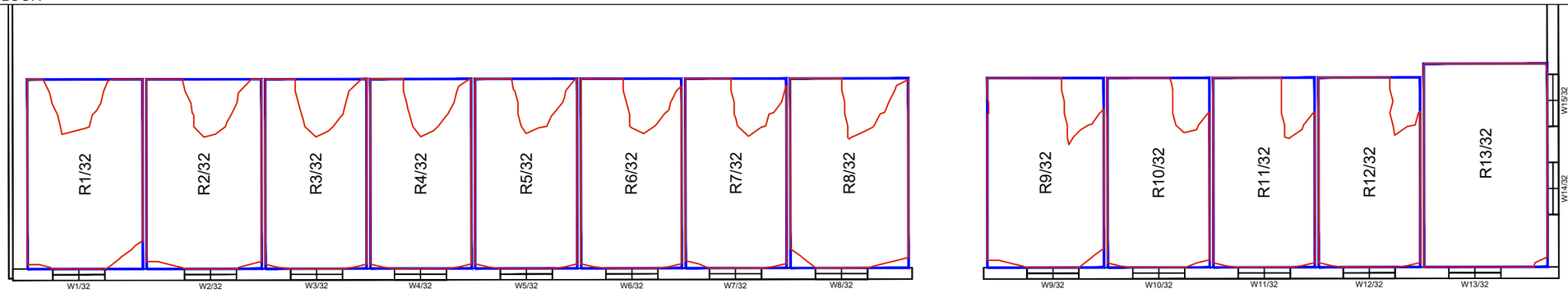
LOWER GROUND FLOOR



GROUND FLOOR



FIRST FLOOR



SECOND FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:

Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:

Existing NSL Contour

Proposed NSL Contour

Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street,
Altrincham, WA14 1ES

Client:
Ask Real Estate

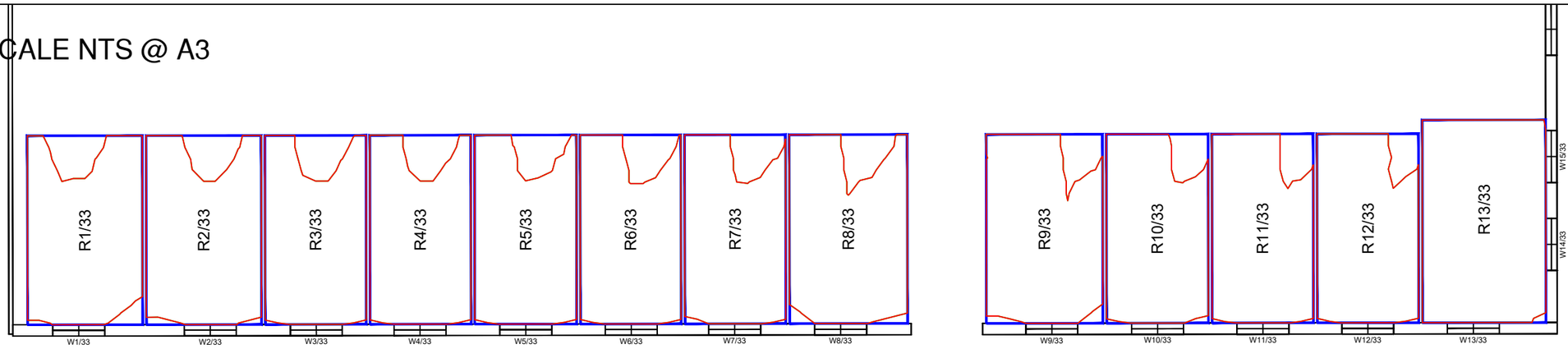
Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme -
Plot 10A
Cambridge Mill

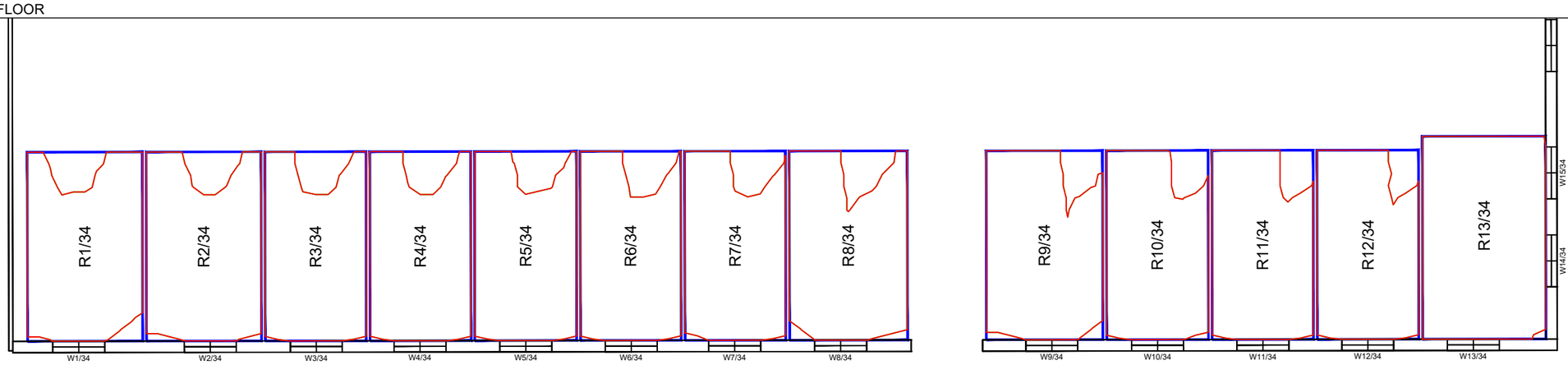
Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W156	-

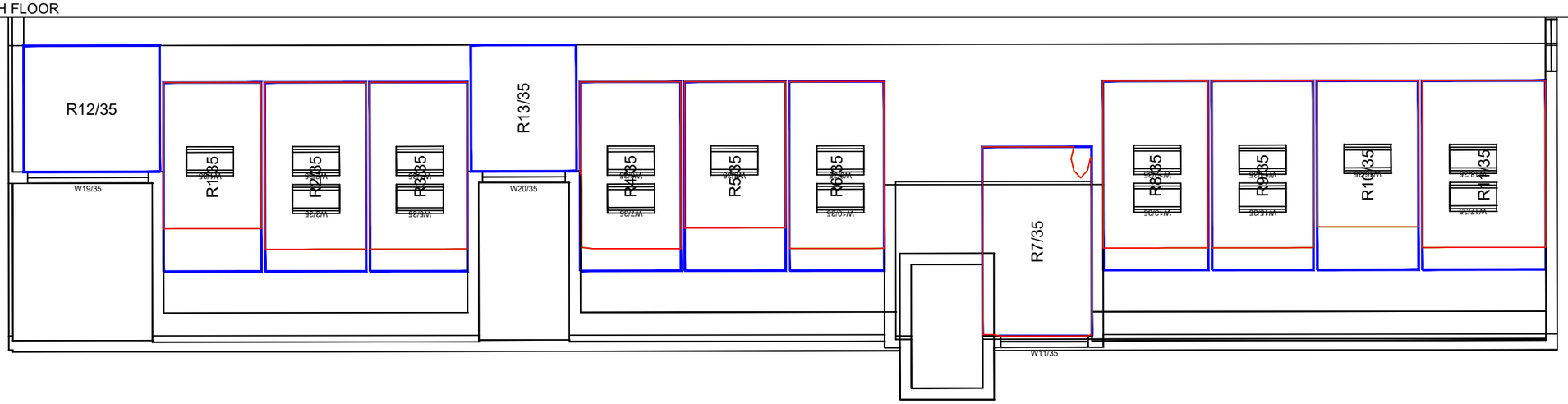
SCALE NTS @ A3



THIRD FLOOR



FOURTH FLOOR



FIFTH FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:
- Existing NSL Contour
- Proposed NSL Contour
- Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

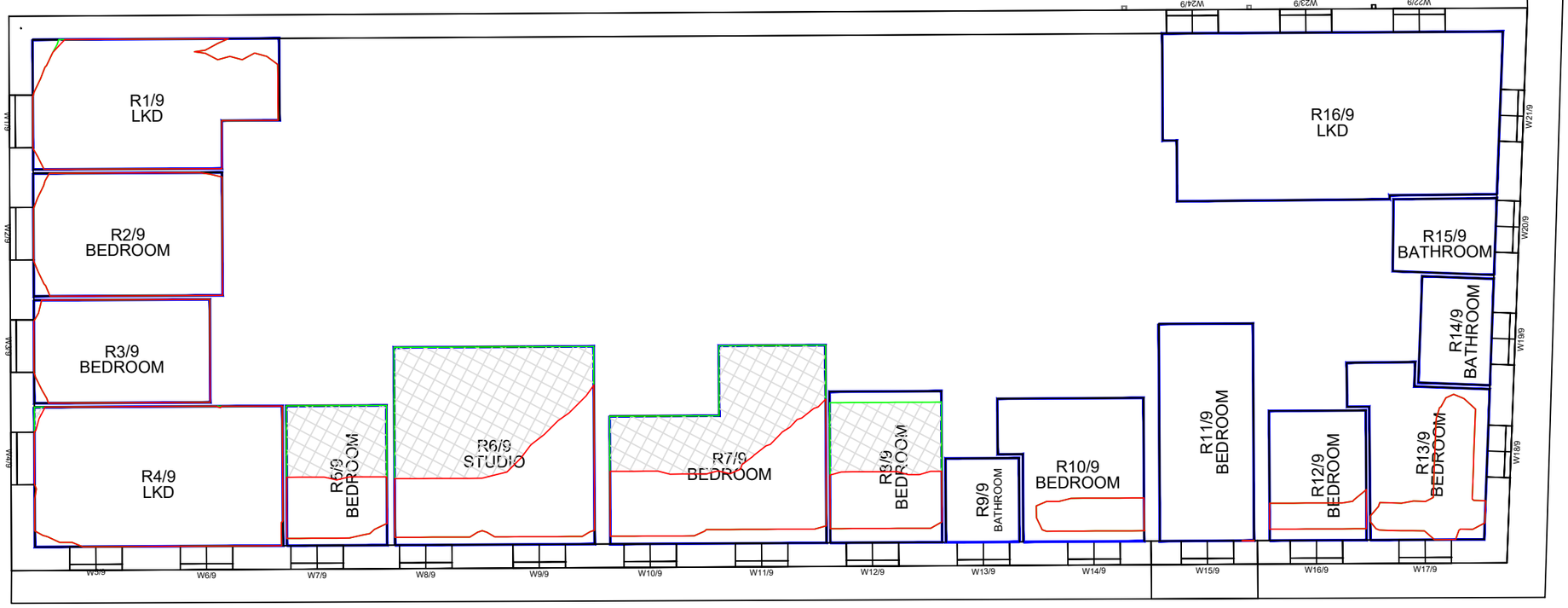
Project:
First Street, Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A
Cambridge Mill

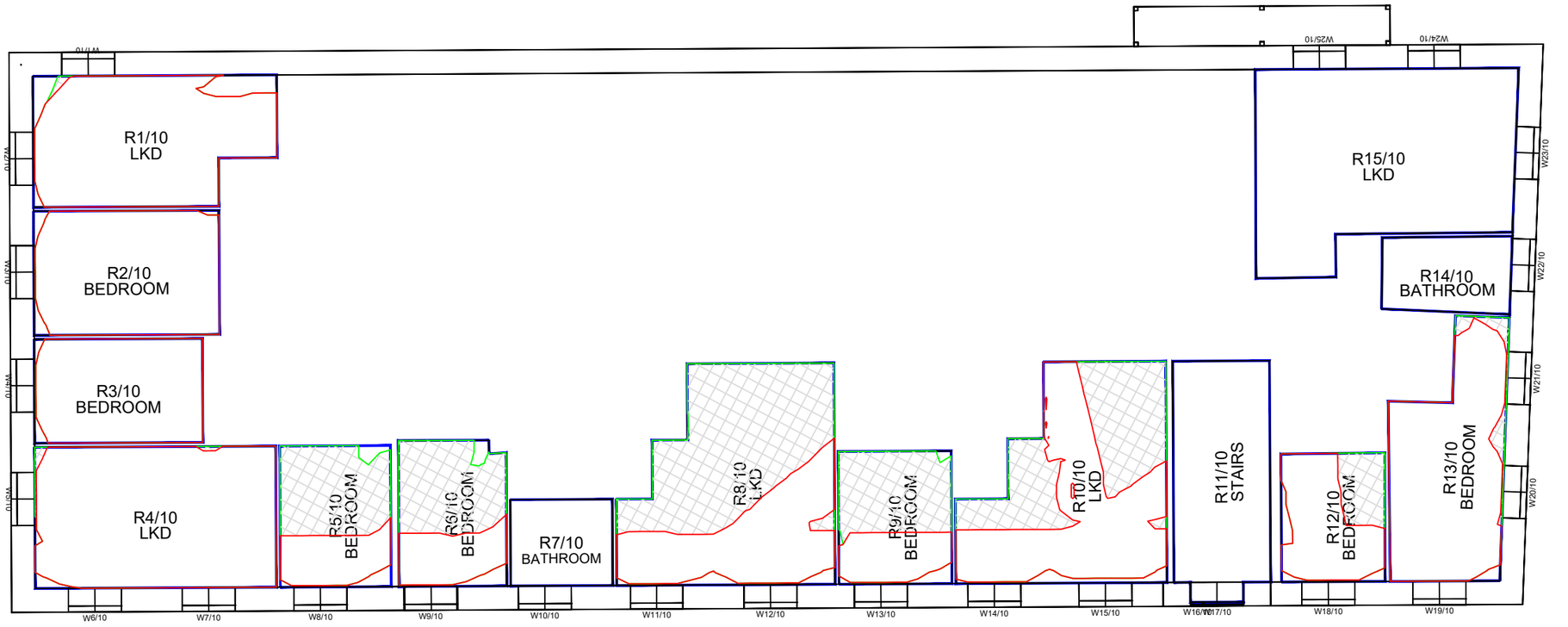
Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W157	-

SCALE NTS @ A3



LOWER GROUND FLOOR



GROUND FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

Key:
- Existing NSL Contour
- Proposed NSL Contour
- Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street,
Altrincham, WA14 1ES

Client:
Ask Real Estate

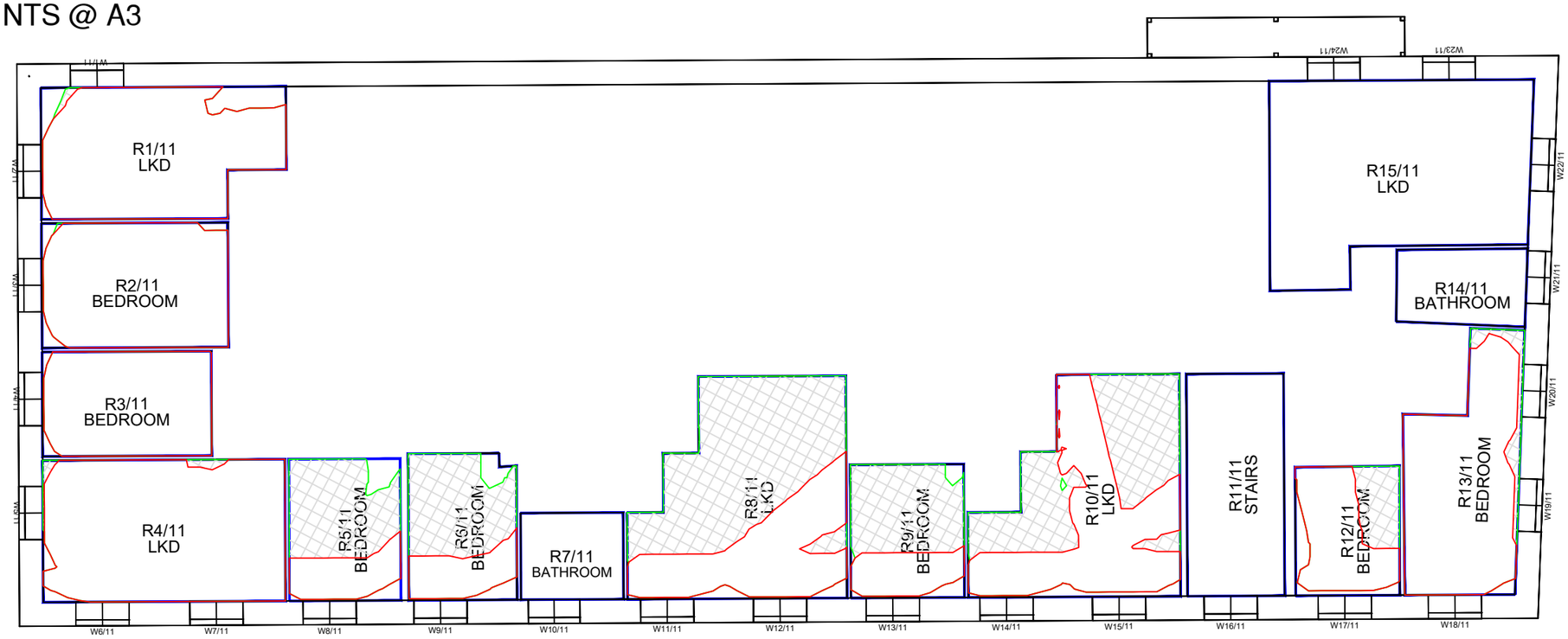
Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme -
Plot 10A
Macintosh Mill

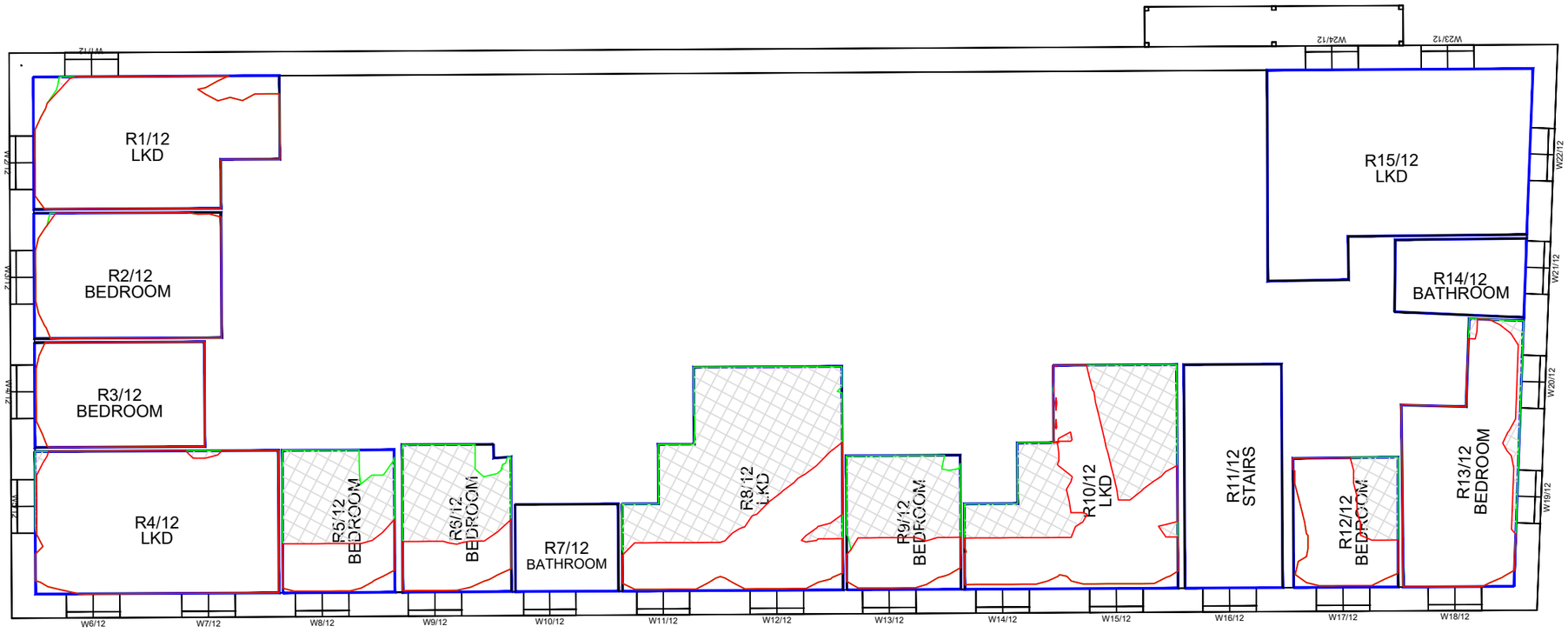
Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W158	-

SCALE NTS @ A3



FIRST FLOOR



SECOND FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:
- Existing NSL Contour
- Proposed NSL Contour
- Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

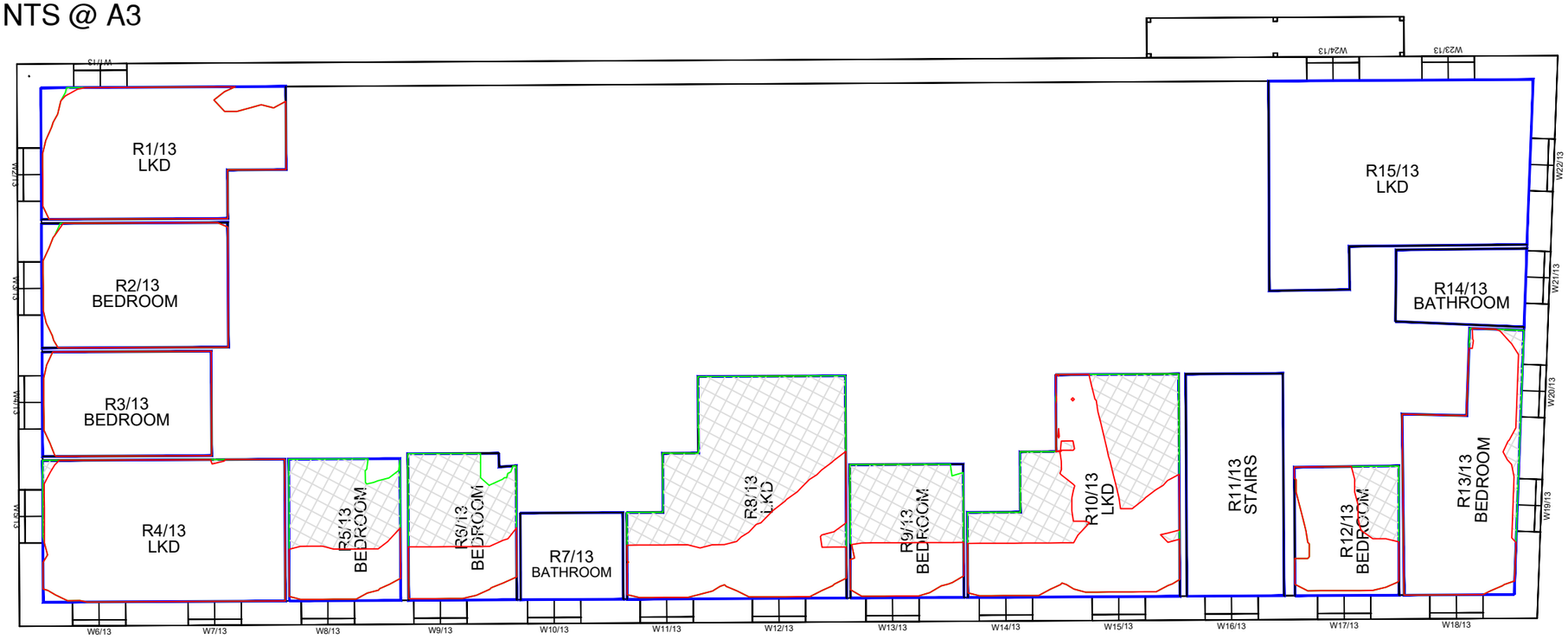
Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A
Macintosh Mill

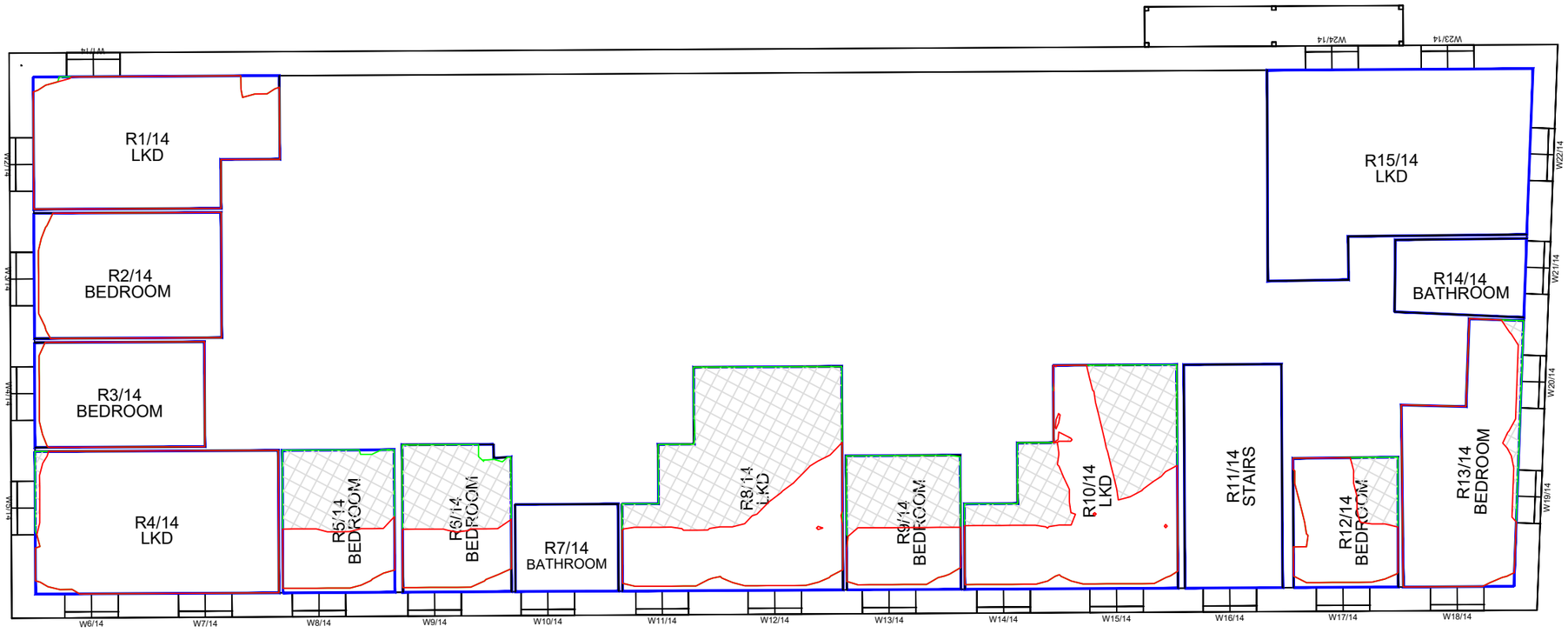
Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W159	-

SCALE NTS @ A3



THIRD FLOOR



FOURTH FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:
- Existing NSL Contour
- Proposed NSL Contour
- Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House. 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A
Macintosh Mill

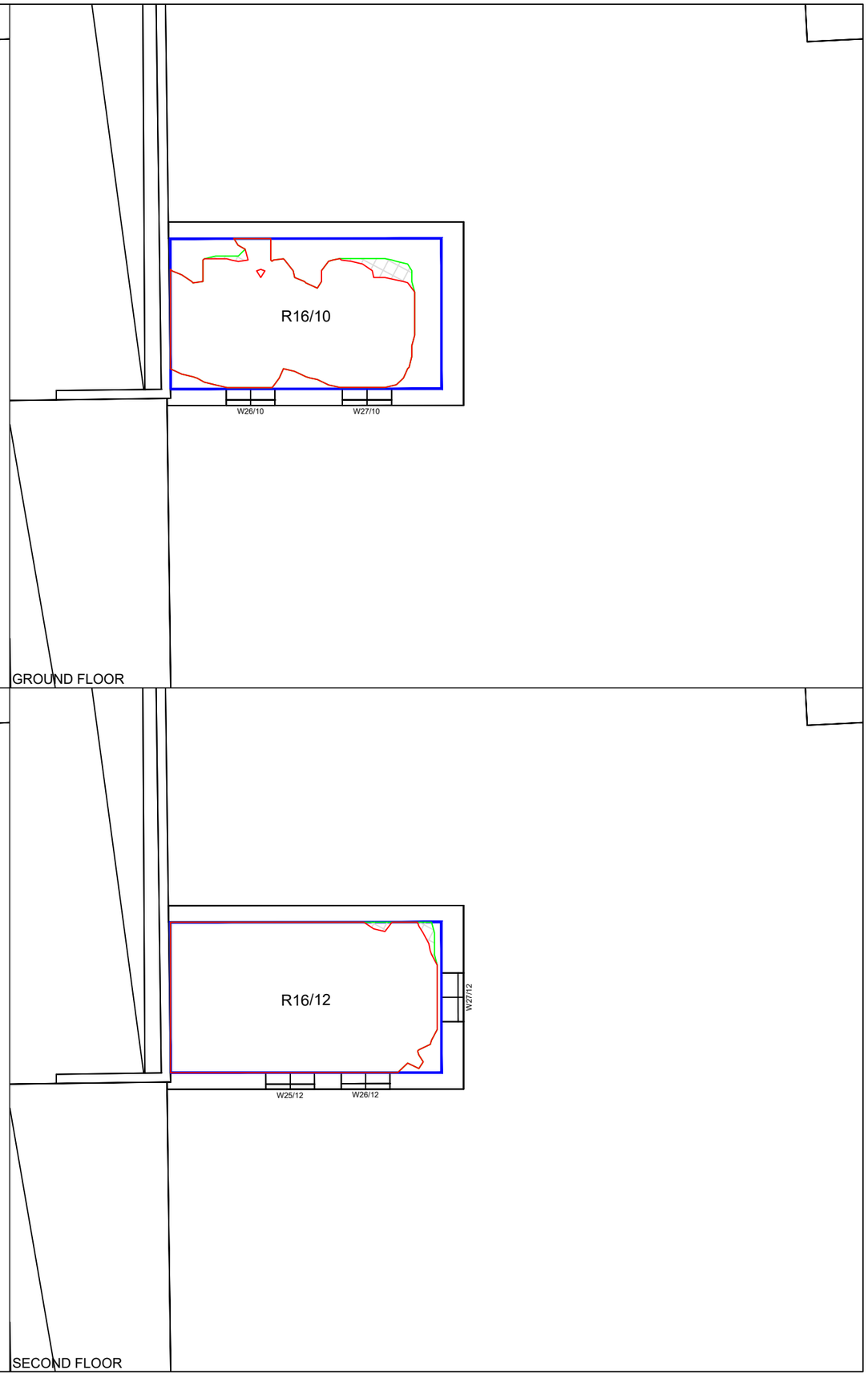
Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W160	-

SCALE NTS @ A3



LOWER GROUND FLOOR



GROUND FLOOR

FIRST FLOOR

SECOND FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:

Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:

Existing NSL Contour

Proposed NSL Contour

Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

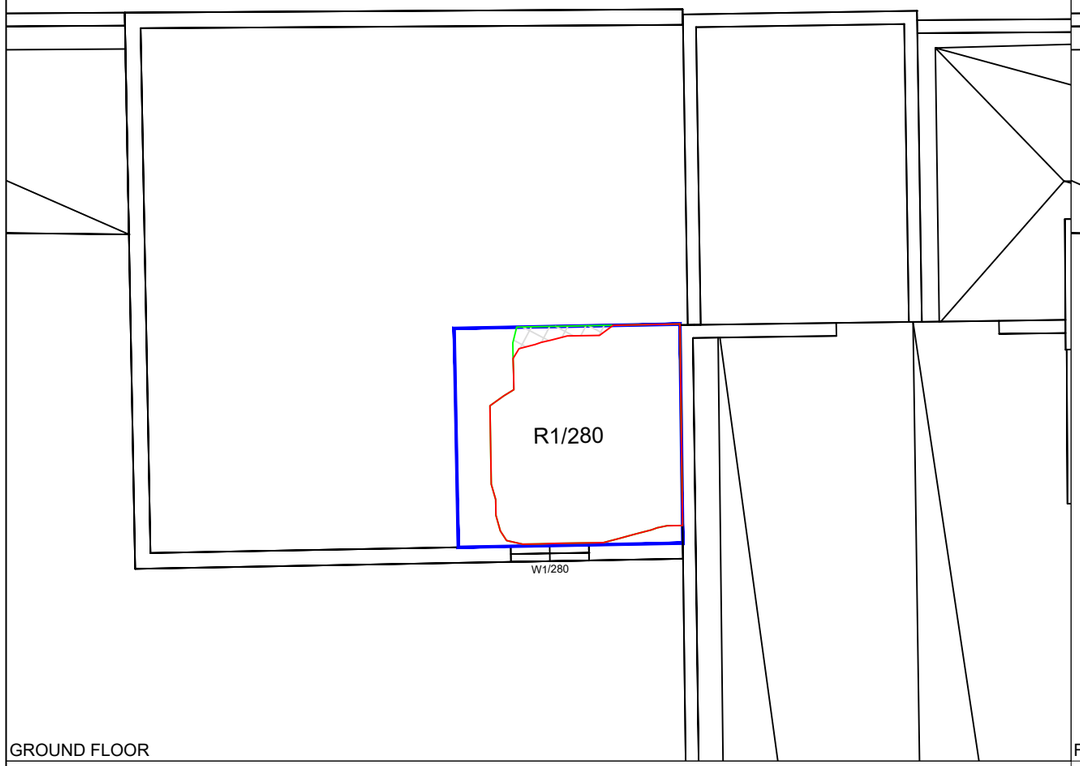
Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A
Macintosh Mill

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W161	-

SCALE NTS @ A3



GROUND FLOOR



FIRST FLOOR



SECOND FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:
Existing NSL Contour
Proposed NSL Contour
Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House. 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A
Macintosh Mill

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W162	-

SCALE NTS @ A3



GROUND FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:

Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:

- Existing NSL Contour
- Proposed NSL Contour
- Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House. 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

Project:
First Street, Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A
City South Apartments

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W163	-

SCALE NTS @ A3



FIRST FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:

Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:

Existing NSL Contour

Proposed NSL Contour

Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House. 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

Project:
First Street, Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A
City South Apartments

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W164	-

SCALE NTS @ A3



SECOND FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:

Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:

Existing NSL Contour

Proposed NSL Contour

Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House. 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

Project:
First Street, Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A
City South Apartments

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W165	-

SCALE NTS @ A3



THIRD FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:

Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:

Existing NSL Contour

Proposed NSL Contour

Region of Loss / Gain

-		
Revisions:	Date:	Init:

Proximity
Kennedy House. 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

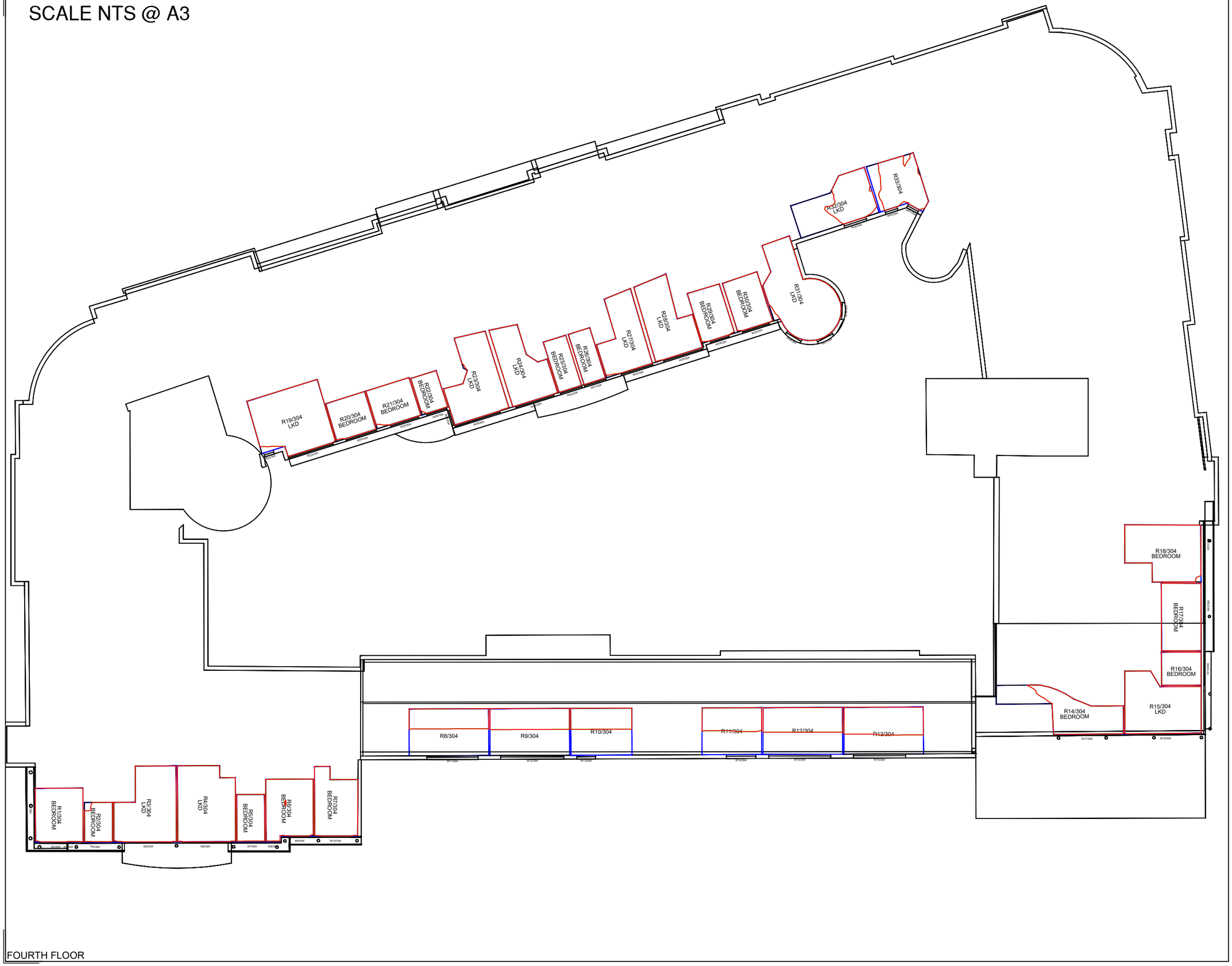
Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A
City South Apartments

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W166	-

SCALE NTS @ A3



FOURTH FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:

Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:

- Existing NSL Contour
- Proposed NSL Contour
- Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House. 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

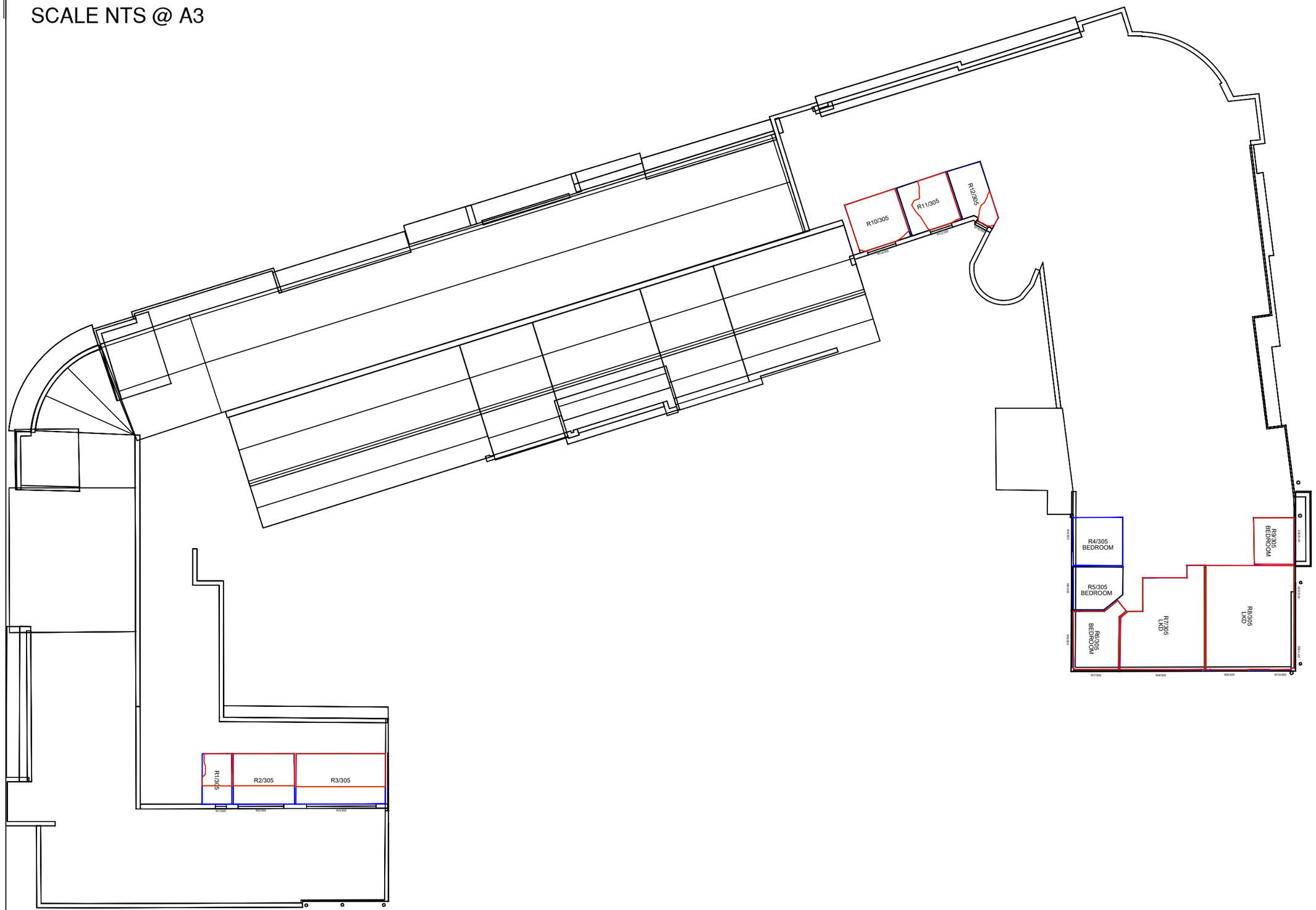
Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A
City South Apartments

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W167	-

SCALE NTS @ A3



FIFTH FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:

Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:

- Existing NSL Contour
- Proposed NSL Contour
- Region of Loss / Gain

-		
Revisions:	Date:	Init:

Proximity
Kennedy House, 31 Stamford Street,
Altrincham, WA14 1ES

Client:
Ask Real Estate

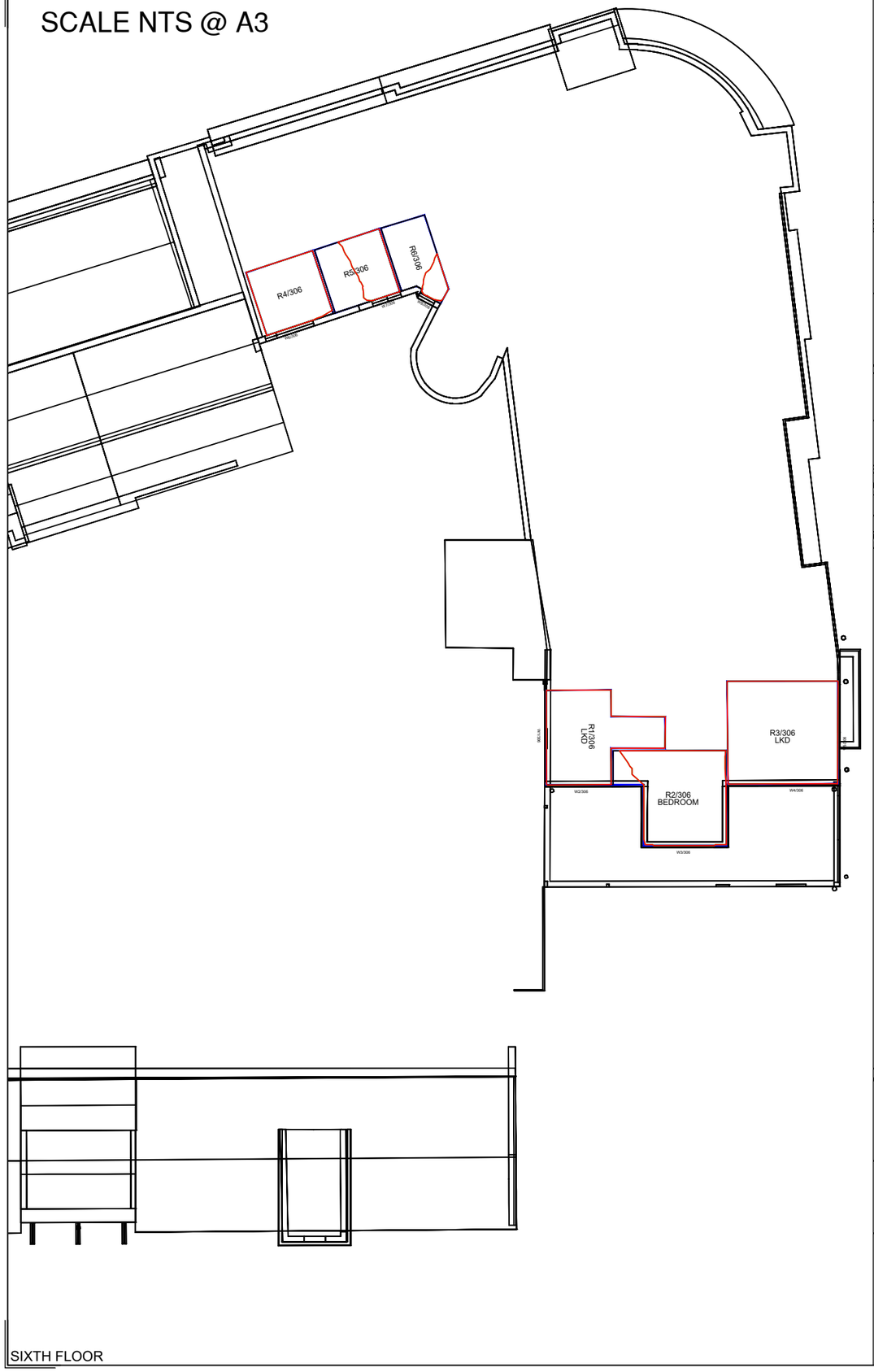
Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A
City South Apartments

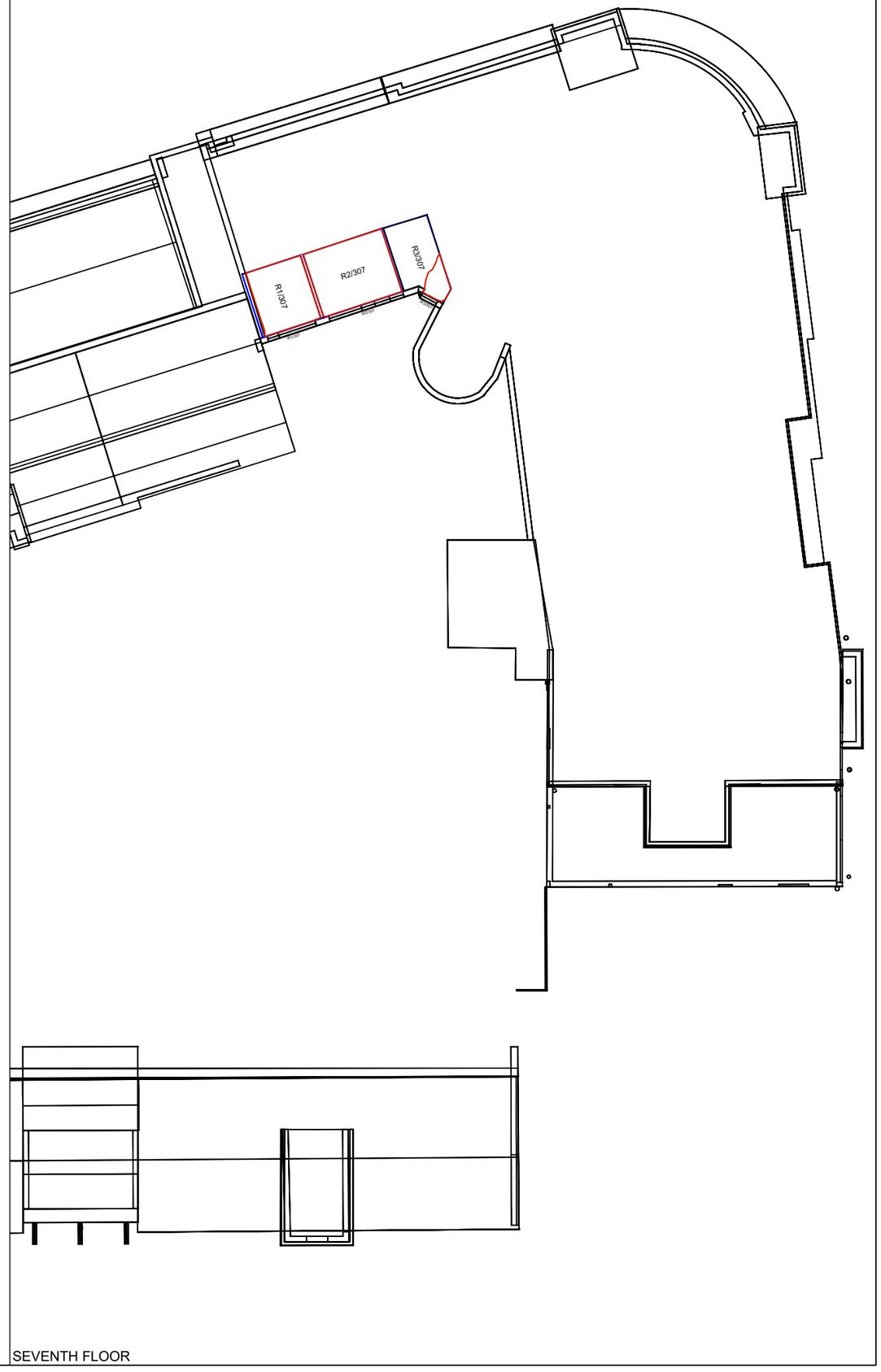
Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W168	-

SCALE NTS @ A3



SIXTH FLOOR



SEVENTH FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:

Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:

Existing NSL Contour

Proposed NSL Contour

Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House. 31 Stamford Street,
Altrincham, WA14 1ES

Client:
Ask Real Estate

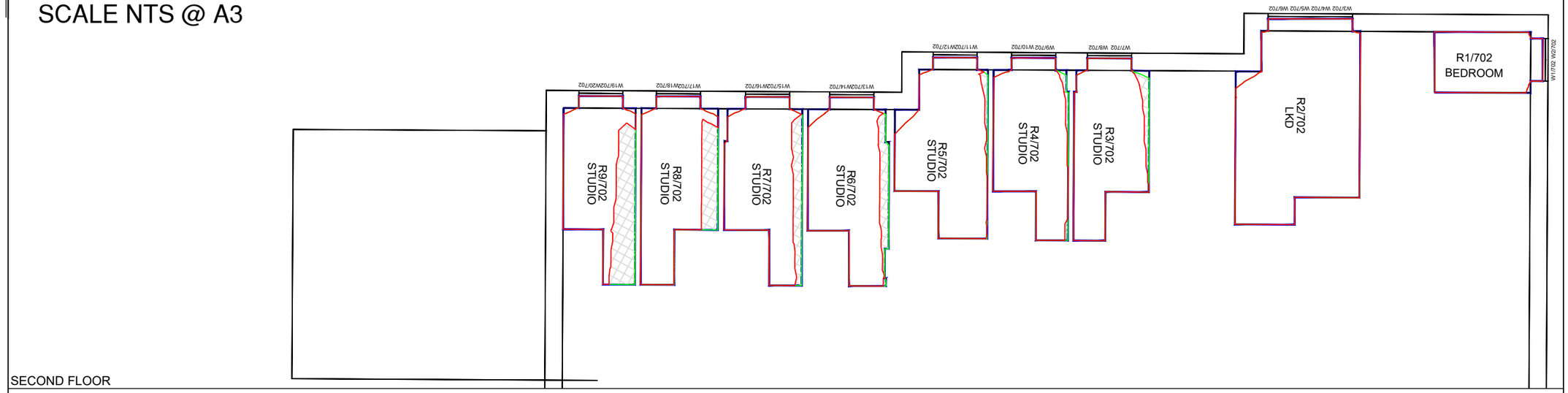
Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A
City South Apartments

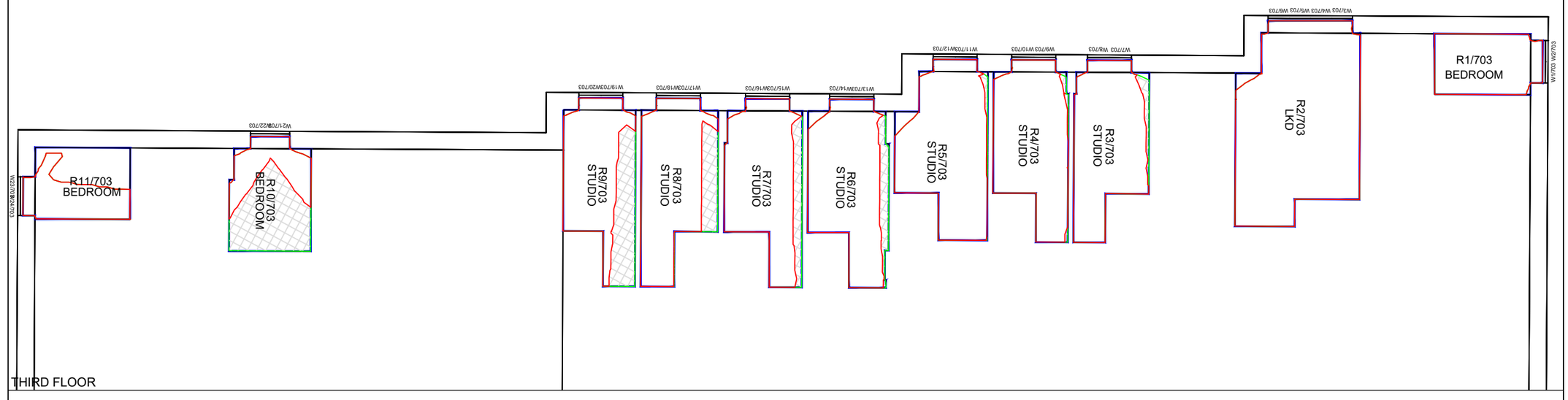
Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W169	-

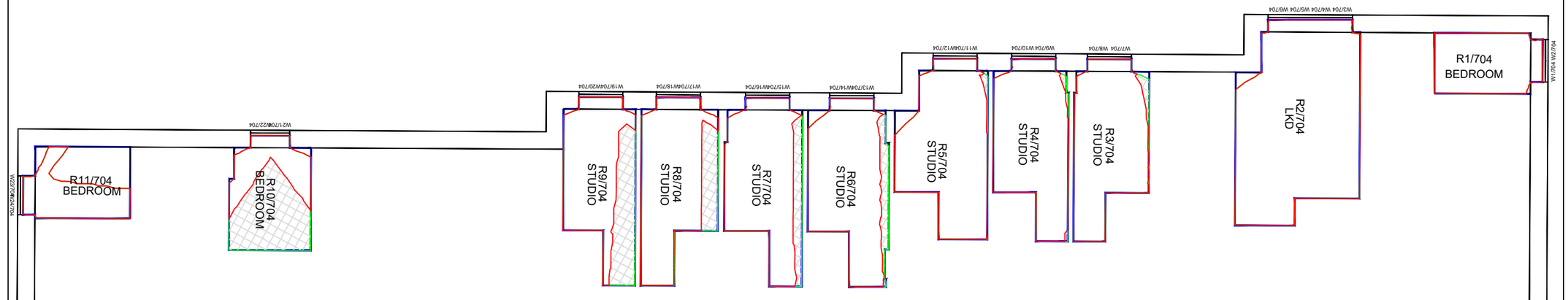
SCALE NTS @ A3



SECOND FLOOR



THIRD FLOOR



FOURTH FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:
- Existing NSL Contour
- Proposed NSL Contour
- Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

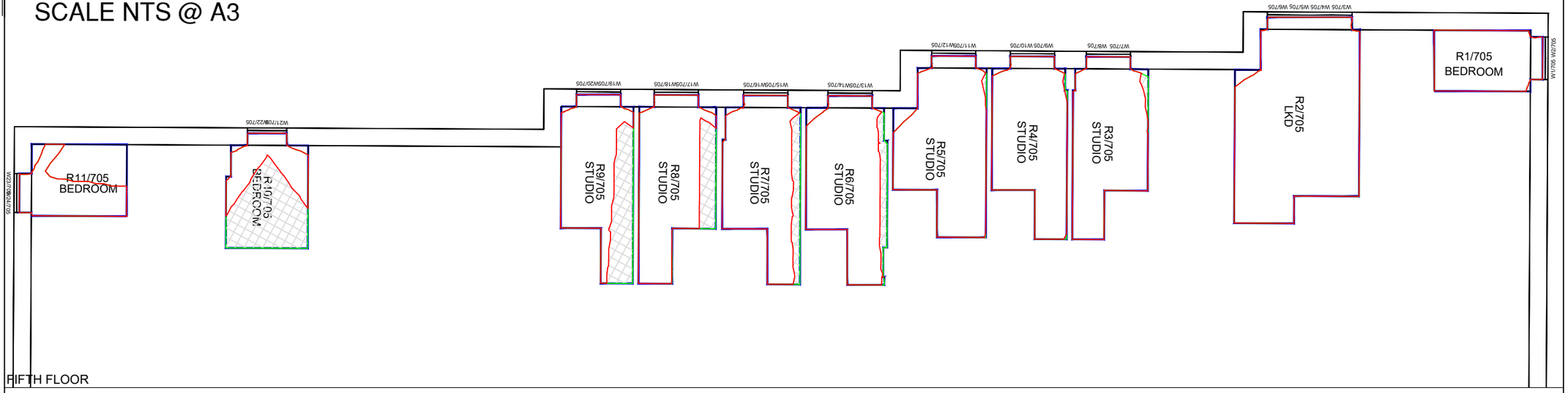
Project:
First Street, Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A
Downing Co-Living

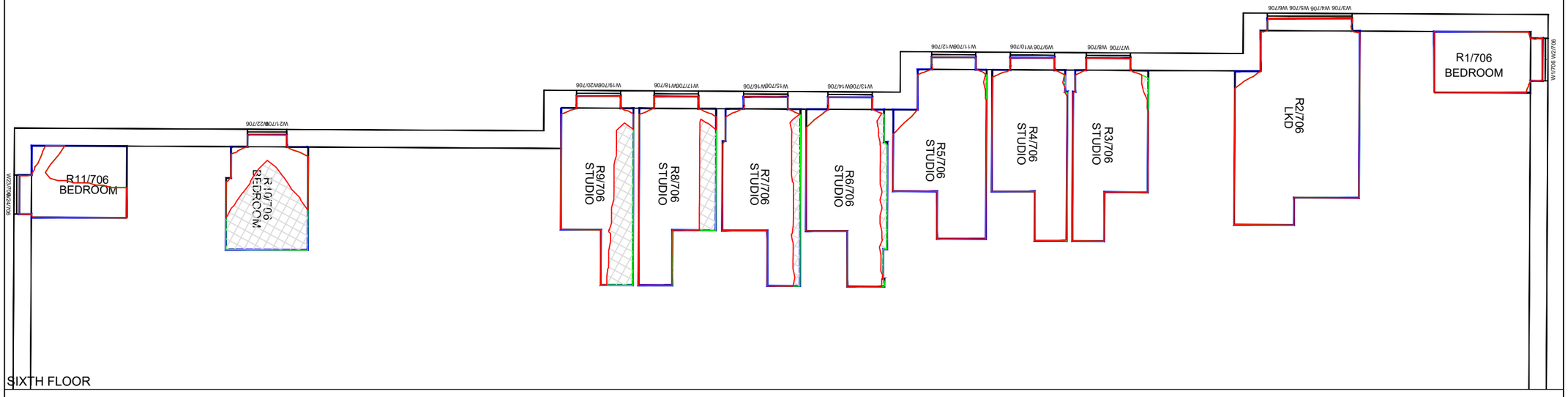
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Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W170	-

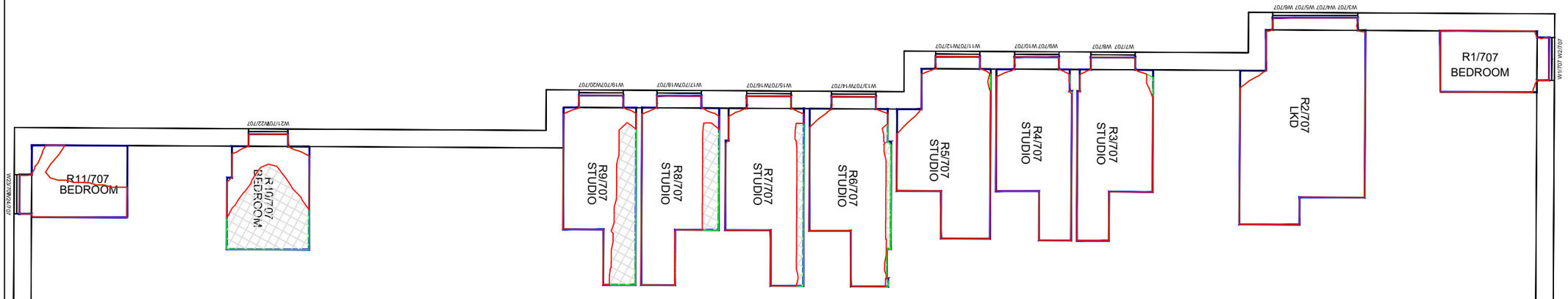
SCALE NTS @ A3



FIFTH FLOOR



SIXTH FLOOR



SEVENTH FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:
- Existing NSL Contour
- Proposed NSL Contour
- Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House. 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

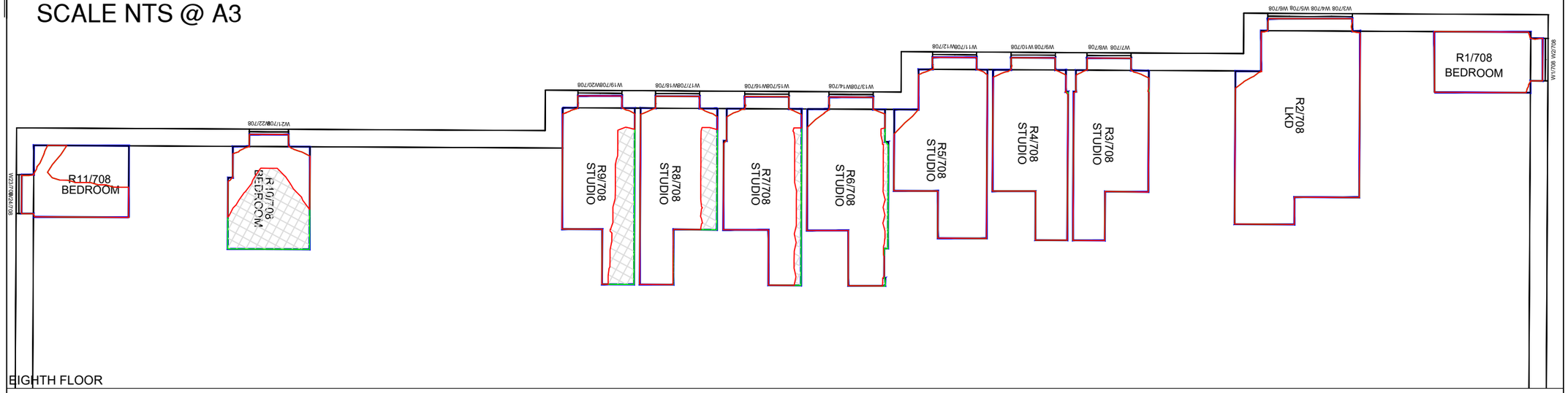
Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A
Downing Co-Living

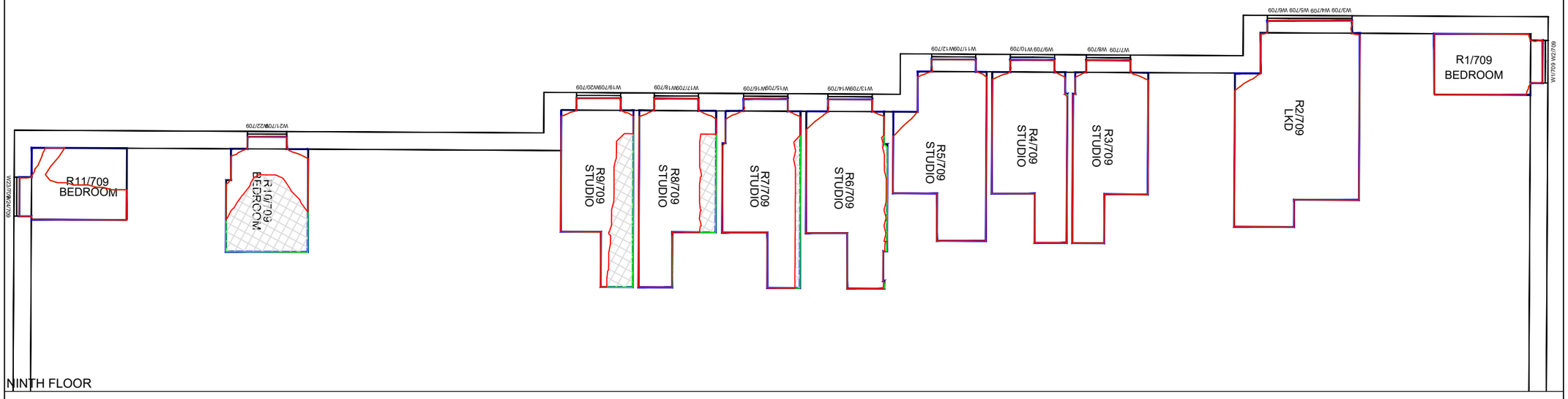
Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W171	-

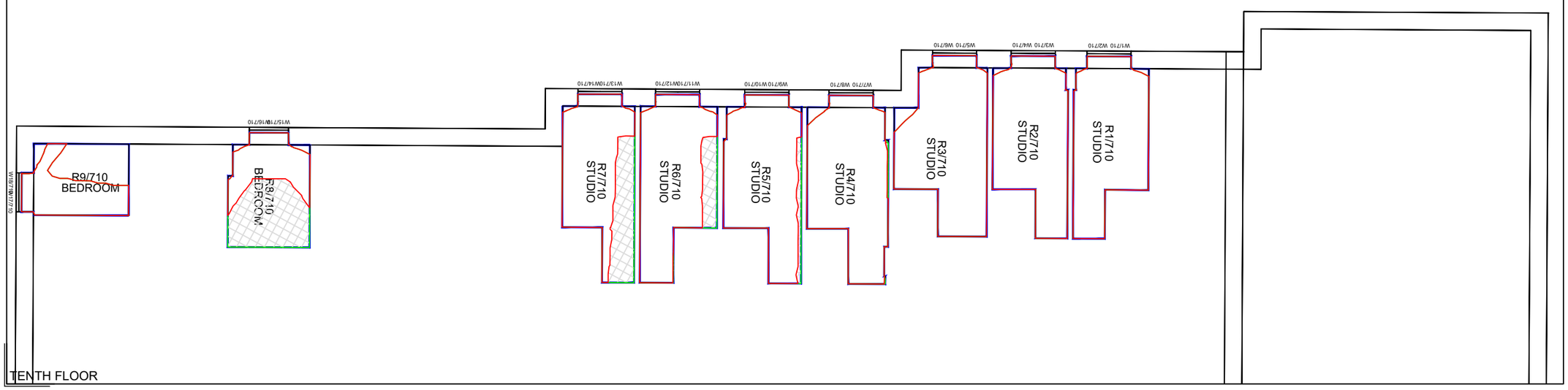
SCALE NTS @ A3



EIGHTH FLOOR



NINTH FLOOR



TENTH FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:
Existing NSL Contour
Proposed NSL Contour
Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House. 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

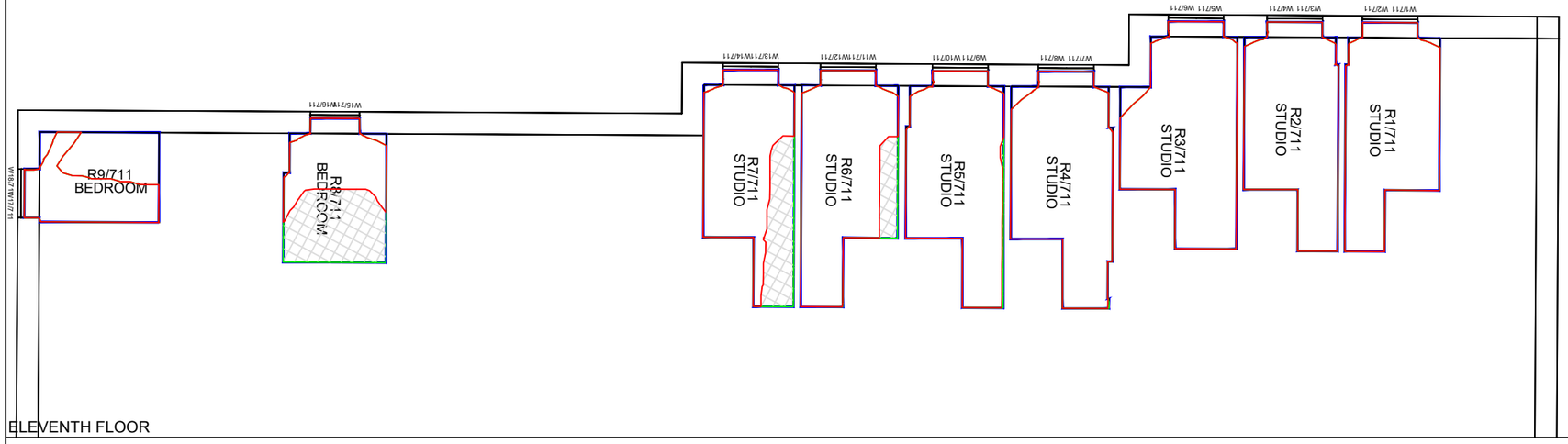
Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A
Downing Co-Living

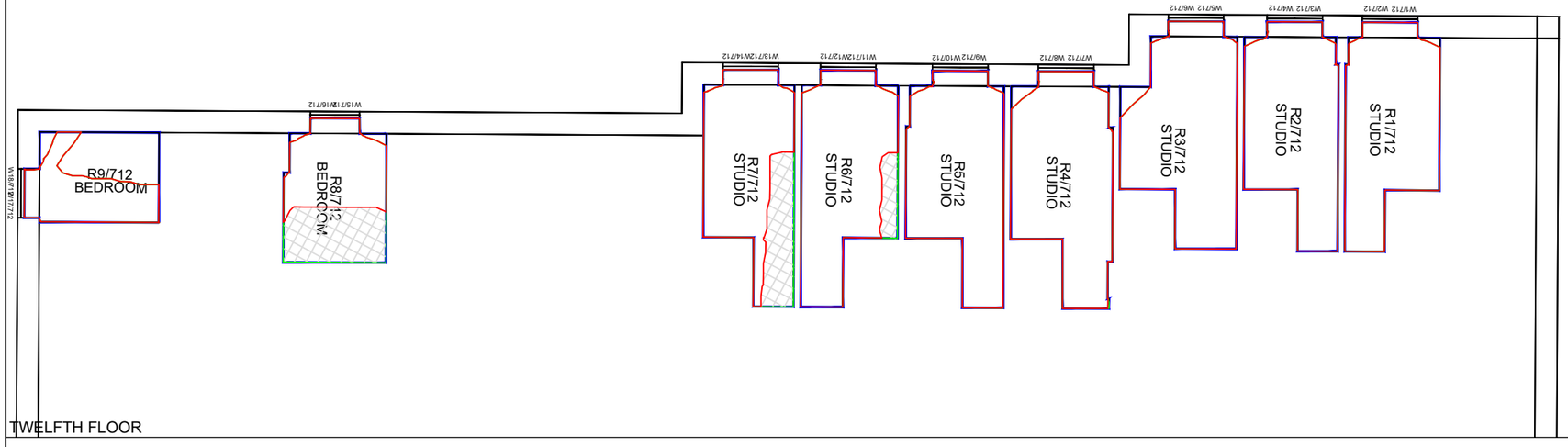
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Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W172	-

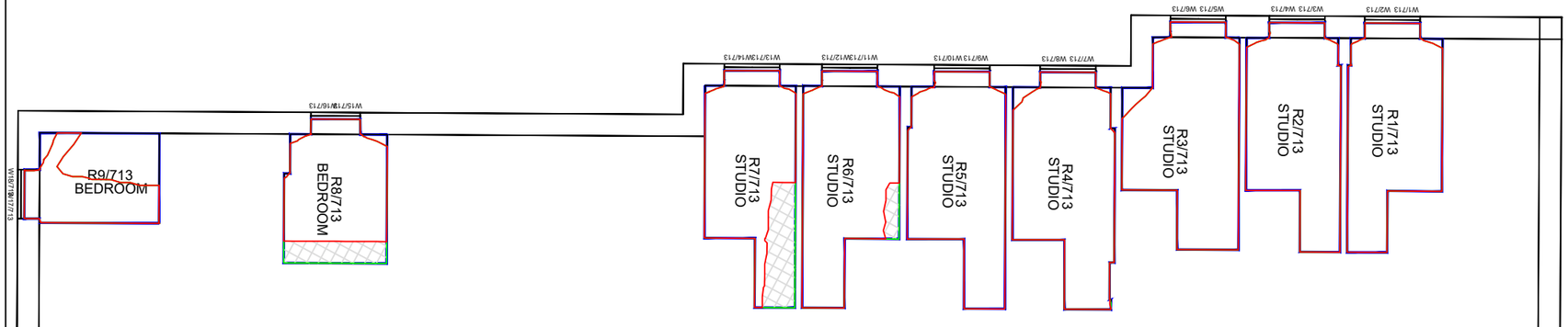
SCALE NTS @ A3



ELEVENTH FLOOR



TWELFTH FLOOR



THIRTEENTH FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:
Existing NSL Contour
Proposed NSL Contour
Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House. 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

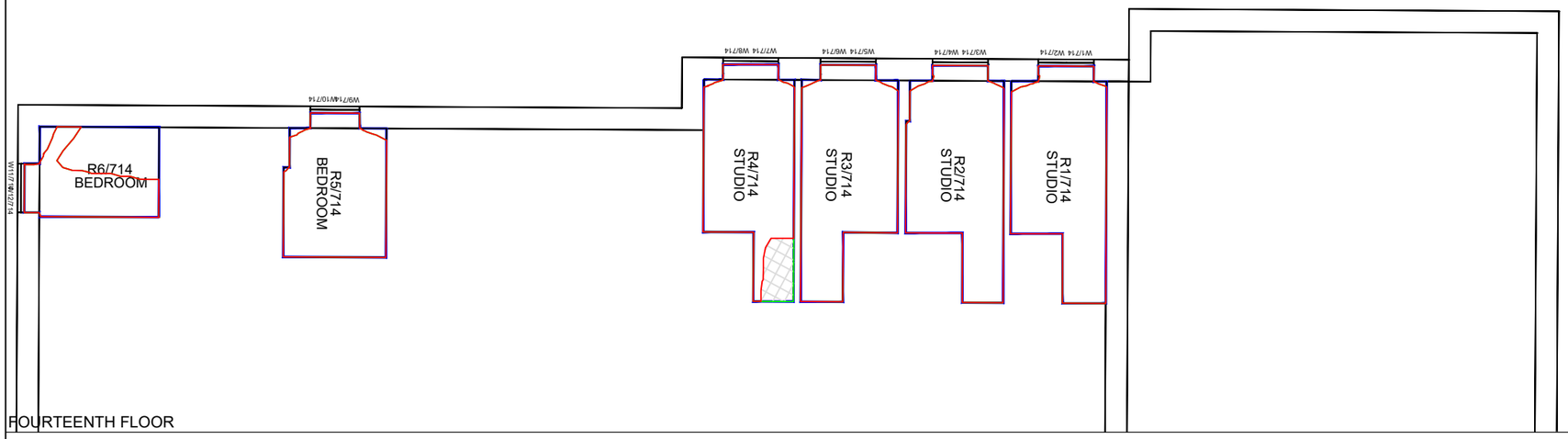
Project:
First Street, Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A
Downing Co-Living

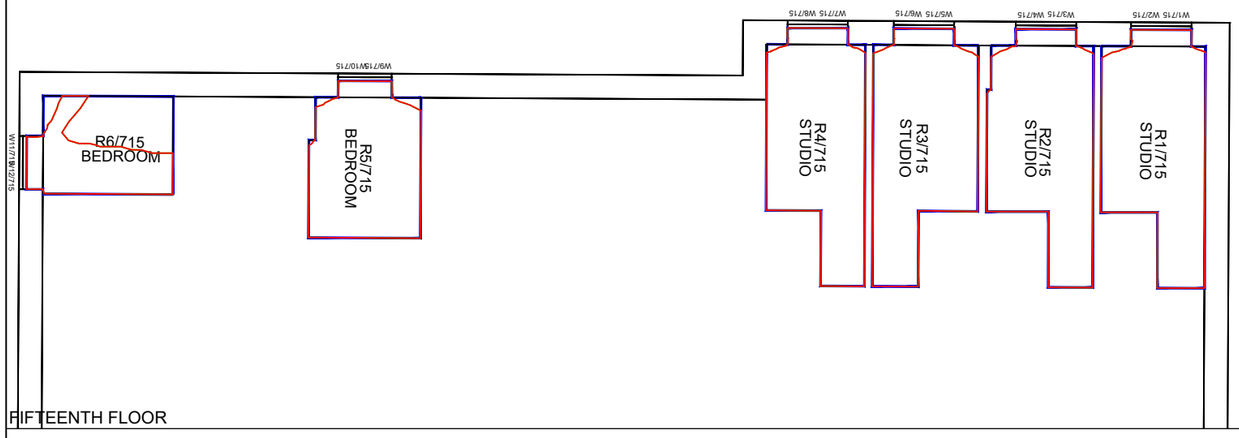
Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W173	-

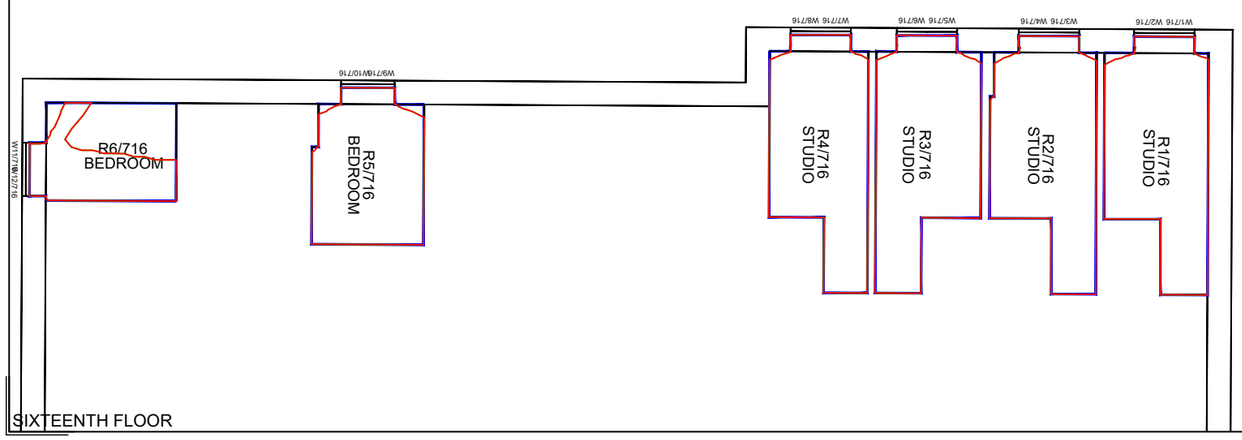
SCALE NTS @ A3



FOURTEENTH FLOOR



FIFTEENTH FLOOR



SIXTEENTH FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:
Existing NSL Contour
Proposed NSL Contour
Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

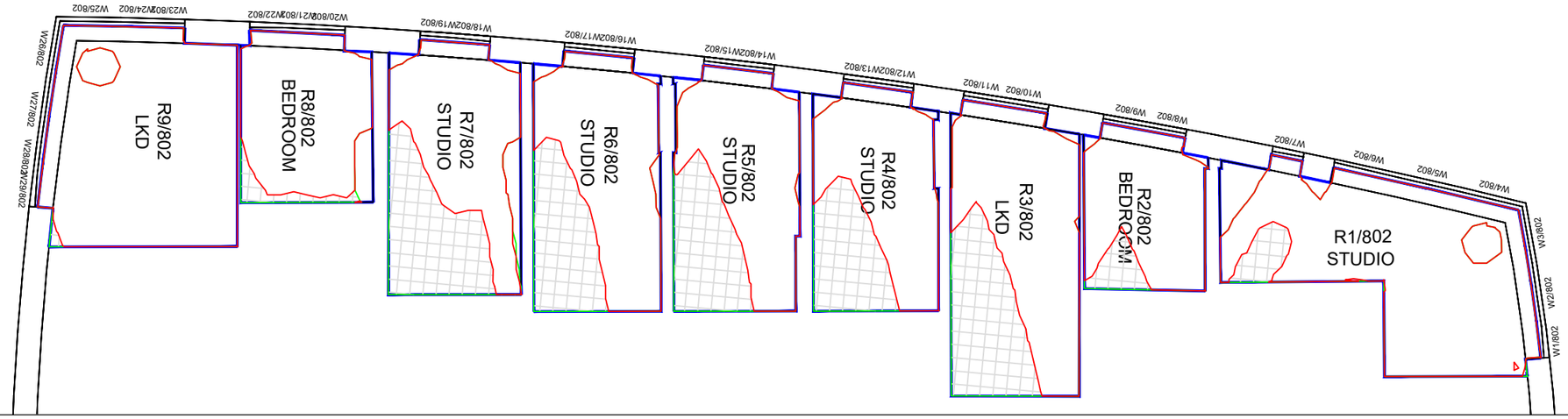
Project:
First Street, Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A
Downing Co-Living

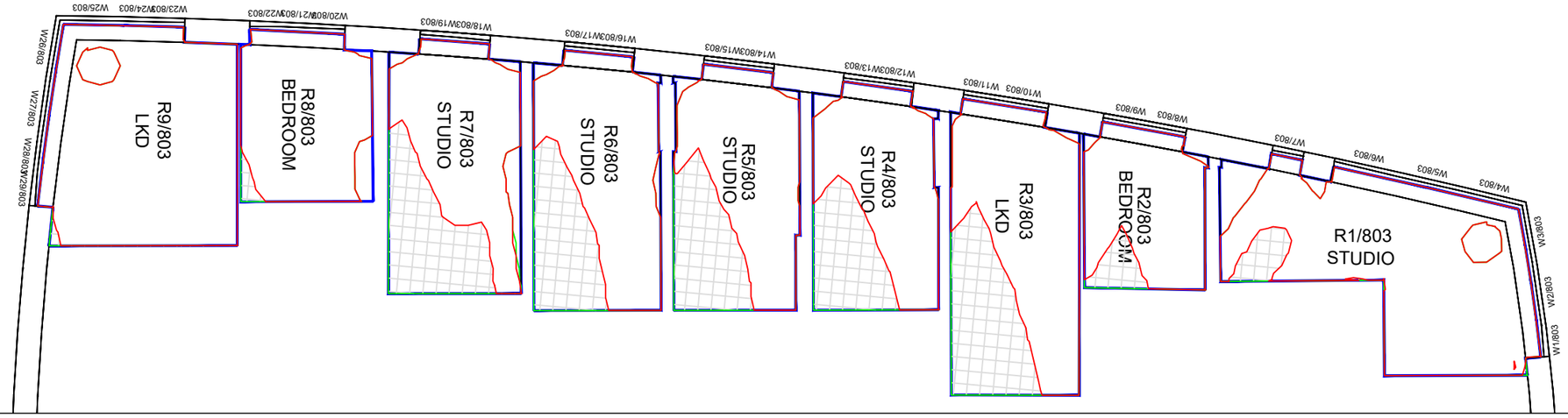
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Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W174	-

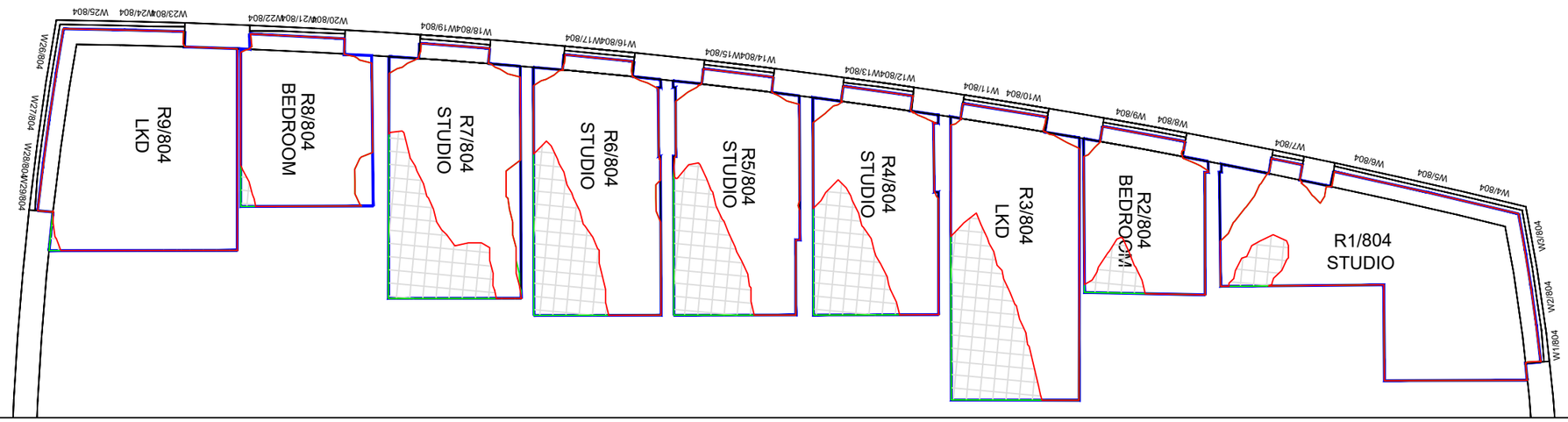
SCALE NTS @ A3



SECOND FLOOR



THIRD FLOOR



FOURTH FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:
- Existing NSL Contour
- Proposed NSL Contour
- Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

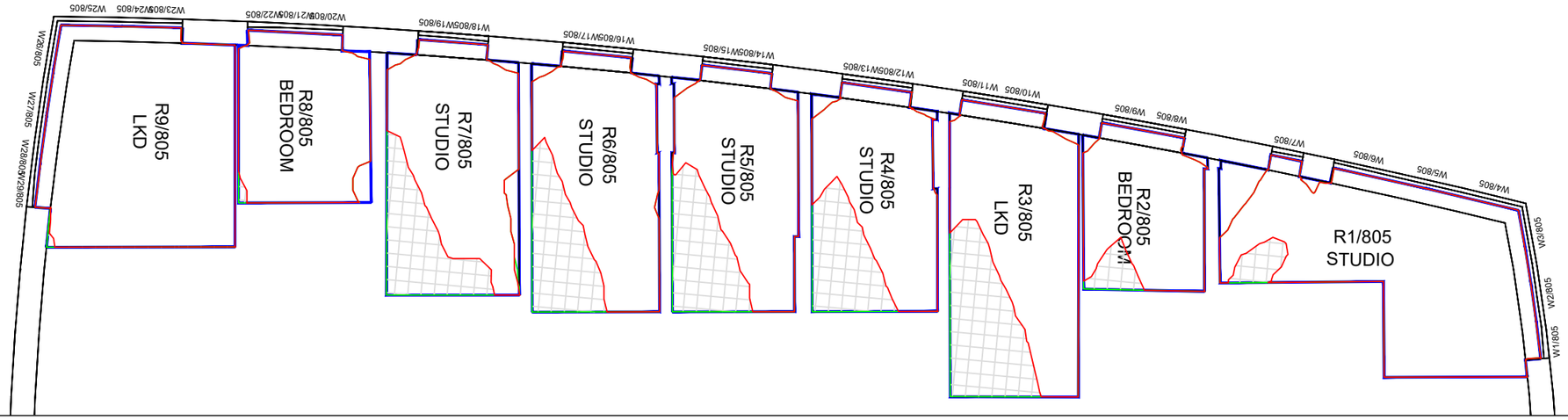
Project:
First Street, Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A
Downing Co-Living

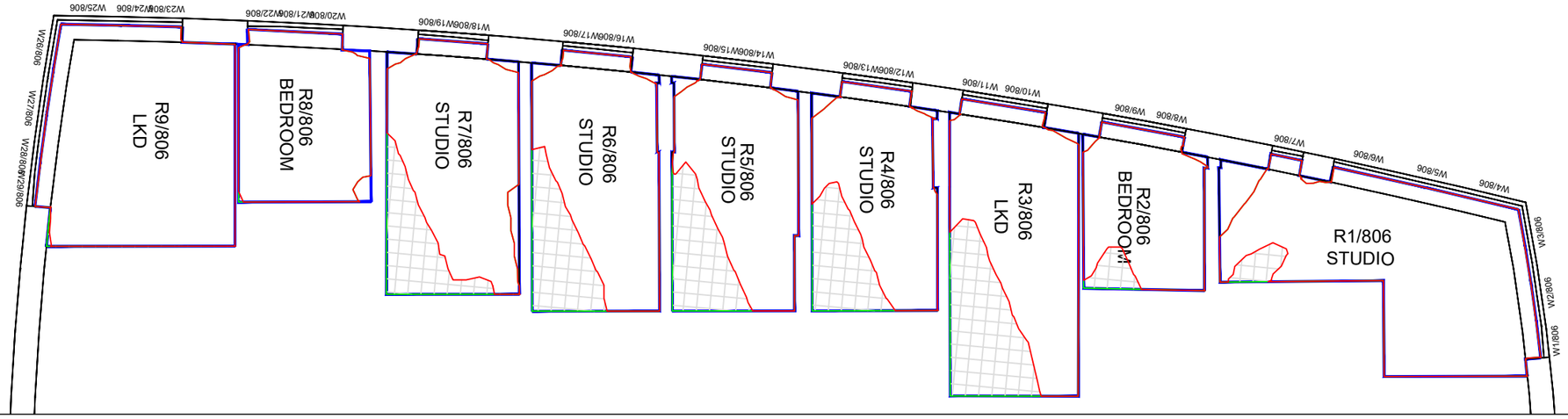
Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W175	-

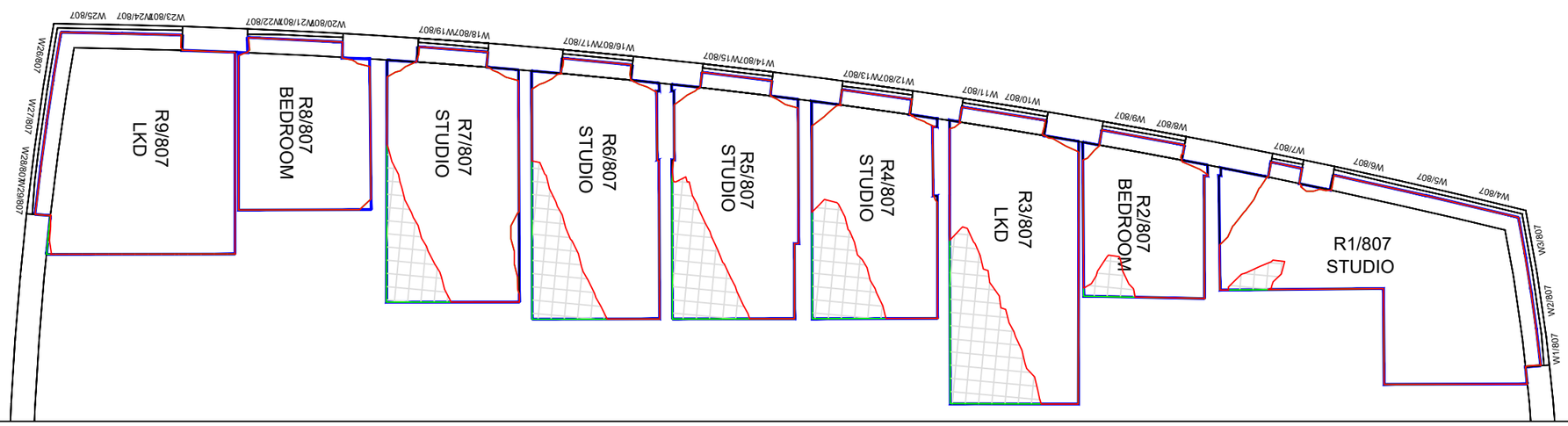
SCALE NTS @ A3



FIFTH FLOOR



SIXTH FLOOR



SEVENTH FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:
- Existing NSL Contour
- Proposed NSL Contour
- Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House. 31 Stamford Street, Altrincham, WA14 1ES

Client: Ask Real Estate

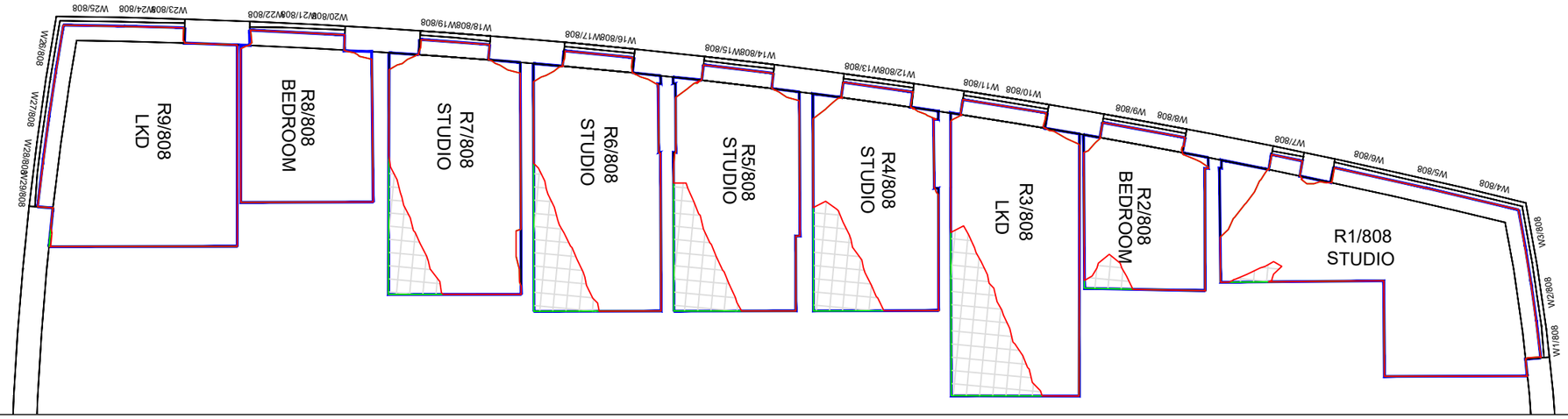
Project: First Street, Manchester

Drawing Title: No-Sky Line Contours Baseline vs Proposed Scheme - Plot 10A Downing Co-Living

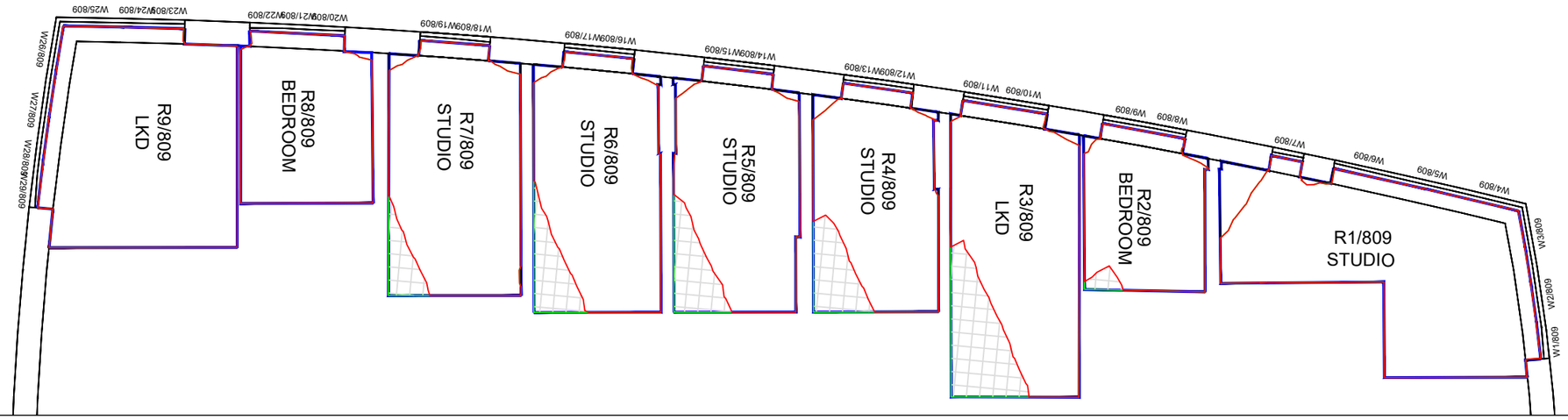
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Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W176	-

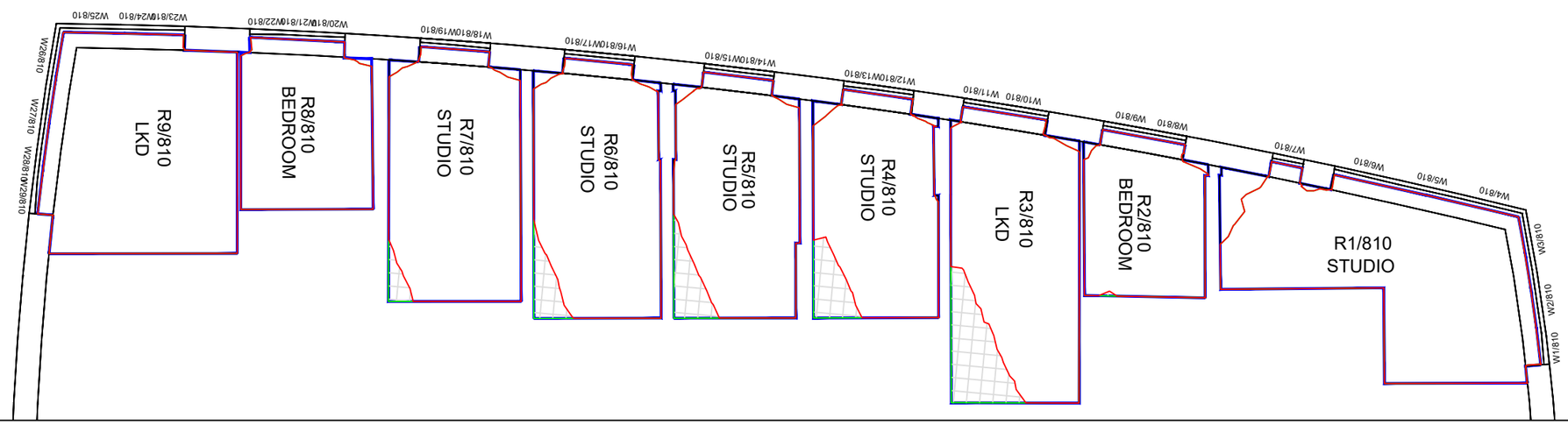
SCALE NTS @ A3



EIGHTH FLOOR



NINTH FLOOR



TENTH FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:
- Existing NSL Contour
- Proposed NSL Contour
- Region of Loss / Gain

-		
Revisions:	Date:	Init:

Proximity
Kennedy House. 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

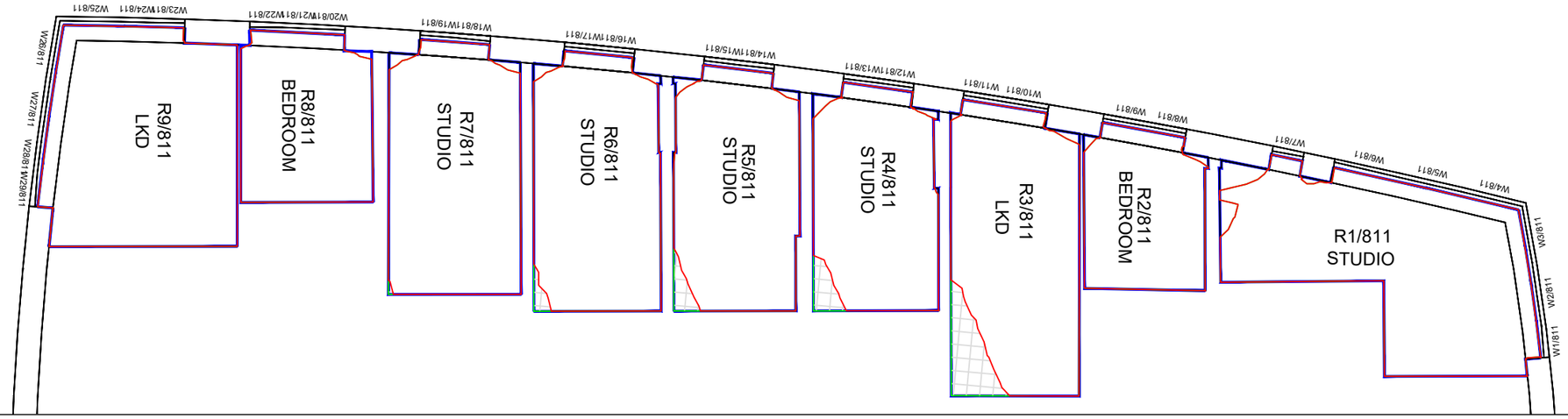
Project:
First Street,
Manchester

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No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A
Downing Co-Living

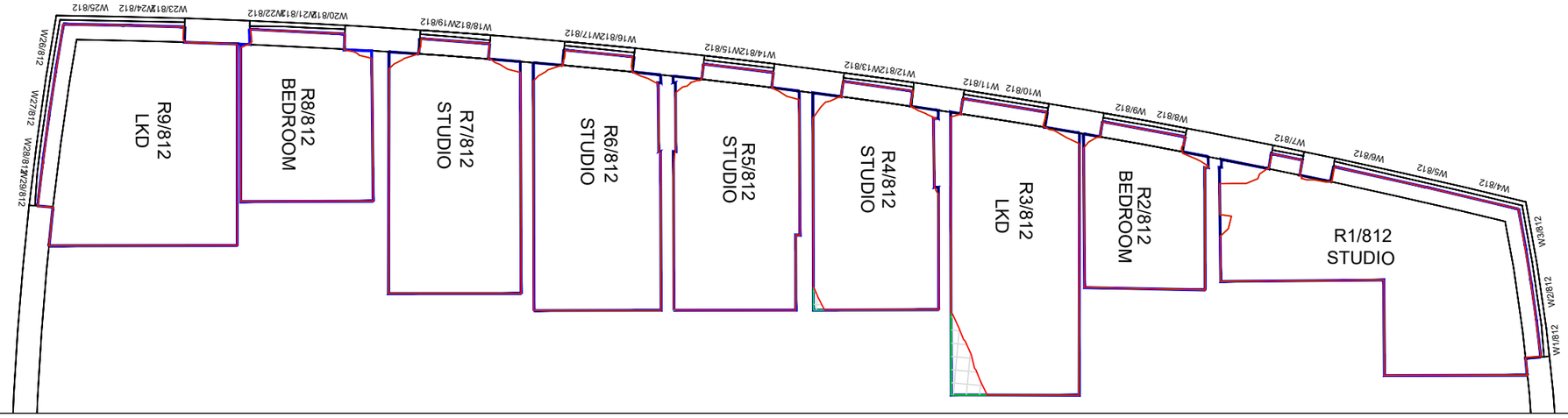
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Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W177	-

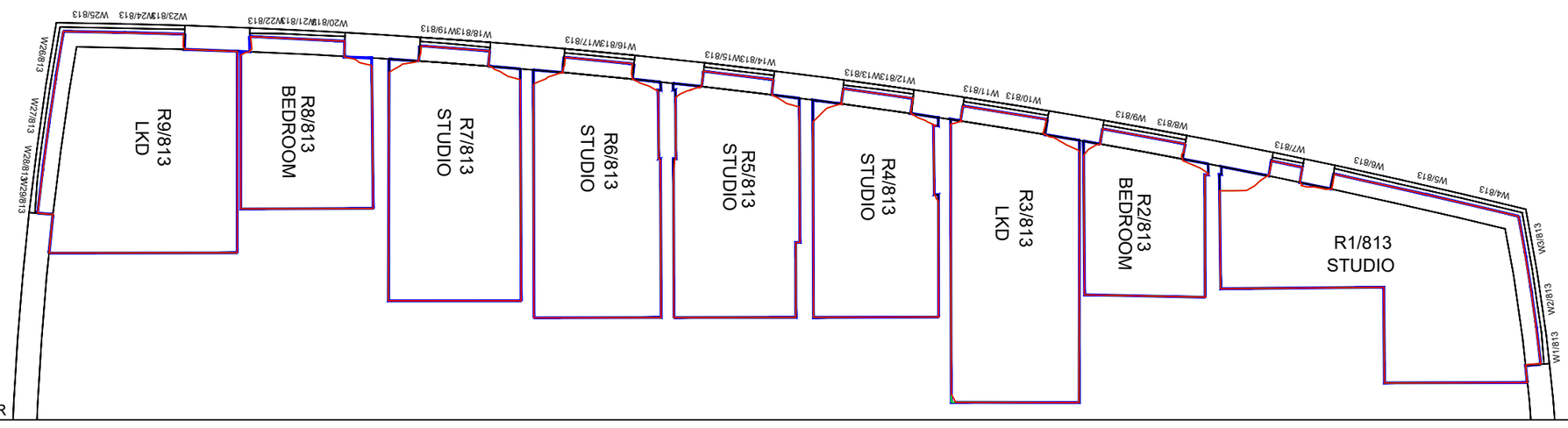
SCALE NTS @ A3



ELEVENTH FLOOR



TWELFTH FLOOR



THIRTEENTH FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
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Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:
- Existing NSL Contour
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- Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House. 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

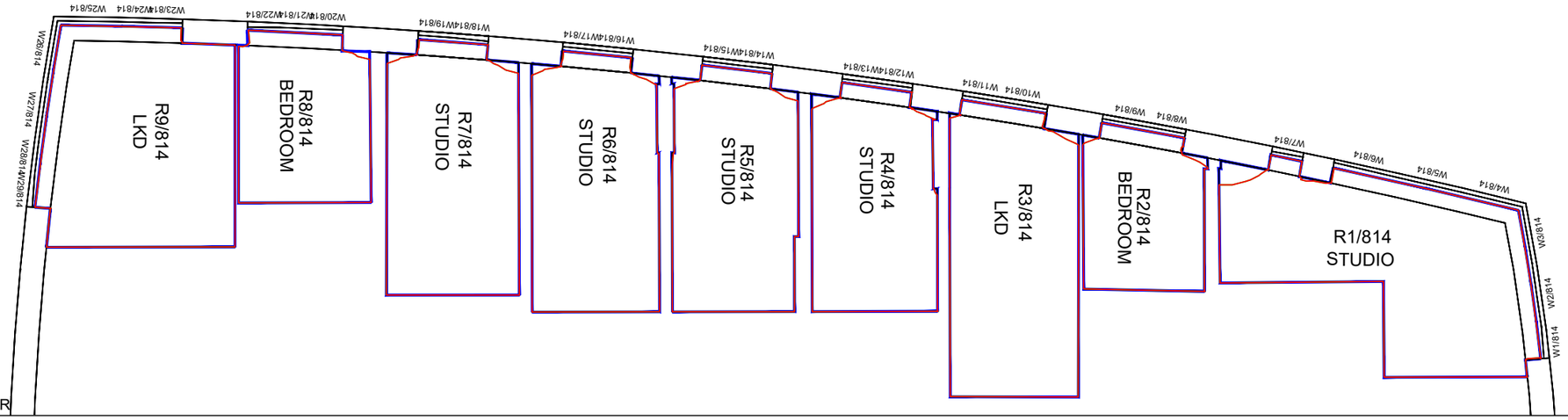
Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A
Downing Co-Living

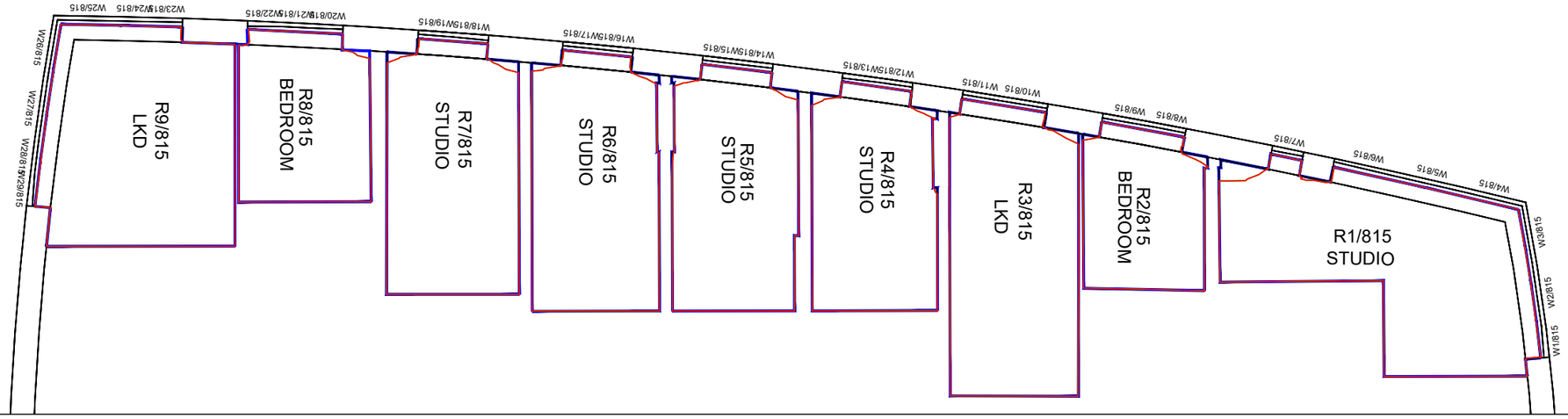
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Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W178	-

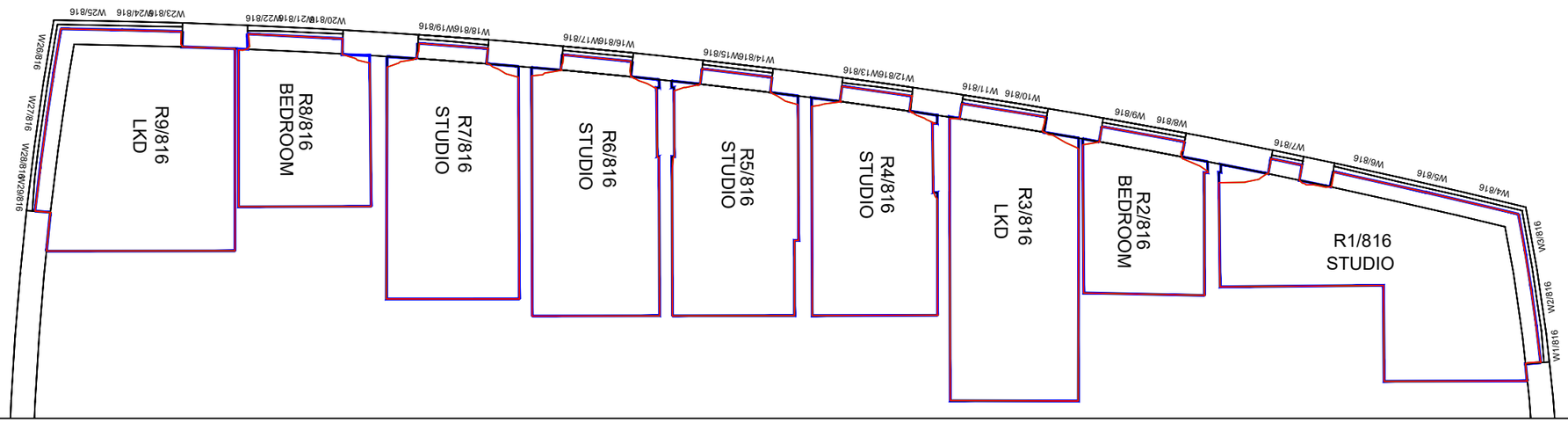
SCALE NTS @ A3



FOURTEENTH FLOOR



FIFTEENTH FLOOR



SIXTEENTH FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
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Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
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Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
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172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:
- Existing NSL Contour
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Revisions:	Date:	Init:
-		

Proximity
Kennedy House. 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

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No-Sky Line Contours
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Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W179	-

Appendix 5: Tabulated Baseline and Proposed APSH Results

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
City South Apartments								
R1/300	**W1/300**	BEDROOM						
R1/300	**W2/300**	BEDROOM						
R1/300	**W3/300**	BEDROOM	22	69	22	69	0.0	0.0
R2/300	**W4/300**	BEDROOM	17	48	17	48	0.0	0.0
R3/300	**W5/300**	LKD	16	41	16	41	0.0	0.0
R4/300	**W6/300**	LKD	14	31	14	31	0.0	0.0
R5/300	**W7/300**	LKD	8	12	8	12	0.0	0.00
R6/300	**W8/300**	BEDROOM	7	37	7	37	0.0	0.0
R7/300	**W9/300**	BEDROOM	6	40	6	40	0.0	0.0
R8/300	**W10/300**	BEDROOM	9	44	9	44	0.0	0.0
R9/300	**W11/300**	BEDROOM	9	45	9	45	0.0	0.0
R10/300	**W12/300**	LKD	7	40	7	40	0.0	0.0
R11/300	**W13/300**	LKD	10	43	10	43	0.0	0.0
R12/300	**W14/300**	BEDROOM	9	41	9	40	0.0	2.4
R13/300	**W15/300**	BEDROOM	10	43	10	43	0.0	0.0
R14/300	**W16/300**	BEDROOM	14	48	14	48	0.0	0.0
R15/300	**W17/300**	BEDROOM	15	52	15	52	0.0	0.0
R16/300	**W18/300**	LKD	16	51	16	51	0.0	0.0
R17/300	**W19/300**	BEDROOM	11	33	11	33	0.0	0.0
R18/300	**W20/300**	BEDROOM	11	35	11	35	0.0	0.0
R19/300	**W21/300**	LKD	13	37	13	37	0.0	0.0
R20/300	**W22/300**	LKD	13	34	13	34	0.0	0.0
R21/300	**W23/300**	BEDROOM						
R21/300	**W24/300**	BEDROOM						
R21/300	**W25/300**	BEDROOM	13	42	13	42	0.0	0.0
R27/300	**W32/300**	LKD						
R27/300	**W33/300**	LKD	0	10	0	10	0.0	0.0
R28/300	**W34/300**	BEDROOM	0	13	0	13	0.0	0.0
R29/300	**W35/300**	BEDROOM	0	18	0	18	0.0	0.0
R30/300	**W36/300**	BEDROOM	0	20	0	20	0.0	0.0
R31/300	**W37/300**	LKD	0	27	0	27	0.0	0.0
R32/300	**W38/300**	BEDROOM	0	28	0	28	0.0	0.0

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R33/300	W39/300	BEDROOM	0	12	0	12	0.0	0.0
R34/300	W40/300	BEDROOM	0	13	0	13	0.0	0.0
R35/300	W41/300	BEDROOM	2	27	2	27	0.00	0.0
R36/300	W42/300	LKD	2	31	2	31	0.00	0.0
R37/300	W43/300	BEDROOM	3	31	3	31	0.00	0.0
R38/300	W44/300	BEDROOM	4	33	4	33	0.00	0.0
R39/300	W45/300	LKD						
R39/300	W46/300	LKD						
R39/300	W47/300	LKD	4	38	4	38	0.00	0.0
R1/301	W1/301	BEDROOM						
R1/301	W2/301	BEDROOM						
R1/301	W3/301	BEDROOM	22	70	22	70	0.0	0.0
R2/301	W4/301	BEDROOM	18	52	18	52	0.0	0.0
R3/301	W5/301	LKD	16	41	16	41	0.0	0.0
R4/301	W6/301	LKD	15	33	15	33	0.0	0.0
R5/301	W7/301	BEDROOM	11	39	11	39	0.0	0.0
R6/301	W8/301	BEDROOM	4	29	4	29	0.00	0.0
R7/301	W9/301	BEDROOM	9	37	9	37	0.0	0.0
R8/301	W10/301	LKD	9	44	9	44	0.0	0.0
R9/301	W11/301	BEDROOM	8	42	8	42	0.0	0.0
R10/301	W12/301	BEDROOM	8	49	8	49	0.0	0.0
R11/301	W13/301	BEDROOM	11	48	11	48	0.0	0.0
R12/301	W14/301	BEDROOM	11	50	11	50	0.0	0.0
R13/301	W15/301	LKD	9	34	9	34	0.0	0.0
R14/301	W16/301	LKD	12	35	12	35	0.0	0.0
R15/301	W17/301	BEDROOM	13	50	13	49	0.0	2.0
R16/301	W18/301	BEDROOM	14	53	14	52	0.0	1.9
R17/301	W19/301	BEDROOM	15	50	15	49	0.0	2.0
R18/301	W20/301	BEDROOM	16	55	16	54	0.0	1.8
R19/301	W21/301	LKD	17	53	17	52	0.0	1.9
R20/301	W22/301	BEDROOM	12	35	12	35	0.0	0.0
R21/301	W23/301	BEDROOM	12	37	12	37	0.0	0.0

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R22/301	W24/301	LKD	14	39	14	39	0.0	0.0
R23/301	W25/301	LKD	15	37	15	37	0.0	0.0
R24/301	W26/301	BEDROOM						
R24/301	W27/301	BEDROOM						
R24/301	W28/301	BEDROOM	15	46	15	46	0.0	0.0
R30/301	W35/301	LKD						
R30/301	W36/301	LKD	0	19	0	19	0.0	0.0
R31/301	W37/301	BEDROOM	0	23	0	23	0.0	0.0
R32/301	W38/301	BEDROOM	0	26	0	26	0.0	0.0
R33/301	W39/301	BEDROOM	0	26	0	26	0.0	0.0
R34/301	W40/301	LKD	2	36	2	36	0.0	0.0
R35/301	W41/301	BEDROOM	3	36	3	36	0.0	0.0
R36/301	W42/301	BEDROOM	2	19	2	19	0.0	0.0
R37/301	W43/301	BEDROOM	5	21	5	21	0.0	0.0
R38/301	W44/301	BEDROOM	5	33	5	33	0.0	0.0
R39/301	W45/301	LKD	6	37	6	37	0.0	0.0
R40/301	W46/301	BEDROOM	5	34	5	34	0.0	0.0
R41/301	W47/301	BEDROOM	6	36	6	36	0.0	0.0
R42/301	W48/301	LKD						
R42/301	W49/301	LKD						
R42/301	W50/301	LKD	6	41	6	41	0.0	0.0
R1/302	W1/302	BEDROOM						
R1/302	W2/302	BEDROOM						
R1/302	W3/302	BEDROOM	22	71	22	71	0.0	0.0
R2/302	W4/302	BEDROOM	18	53	18	53	0.0	0.0
R3/302	W5/302	LKD	16	43	16	43	0.0	0.0
R4/302	W6/302	LKD	16	36	16	36	0.0	0.0
R5/302	W7/302	BEDROOM	12	41	12	41	0.0	0.0
R6/302	W8/302	BEDROOM	6	32	6	32	0.0	0.0
R7/302	W9/302	BEDROOM	11	40	11	40	0.0	0.0
R8/302	W10/302	LKD	11	51	11	51	0.0	0.0
R9/302	W11/302	BEDROOM	10	51	10	51	0.0	0.0
R10/302	W12/302	BEDROOM	11	53	11	53	0.0	0.0

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R11/302	W13/302	BEDROOM	11	48	11	48	0.0	0.0
R12/302	W14/302	BEDROOM	12	51	12	51	0.0	0.0
R13/302	W15/302	LKD	10	34	10	34	0.0	0.0
R14/302	W16/302	LKD	14	34	14	34	0.0	0.0
R15/302	W17/302	BEDROOM	13	50	13	49	0.0	2.0
R16/302	W18/302	BEDROOM	14	53	14	52	0.0	1.9
R17/302	W19/302	BEDROOM	16	52	16	51	0.0	1.9
R18/302	W20/302	BEDROOM	18	57	18	56	0.0	1.8
R19/302	W21/302	LKD	19	58	19	57	0.0	1.7
R20/302	W22/302	BEDROOM	12	36	12	36	0.0	0.0
R21/302	W23/302	BEDROOM	13	41	13	41	0.0	0.0
R22/302	W24/302	LKD	14	40	14	40	0.0	0.0
R23/302	W25/302	LKD	15	39	15	39	0.0	0.0
R24/302	W26/302	BEDROOM						
R24/302	W27/302	BEDROOM						
R24/302	W28/302	BEDROOM	15	50	15	50	0.0	0.0
R30/302	W35/302	LKD						
R30/302	W36/302	LKD	0	27	0	27	0.0	0.0
R31/302	W37/302	BEDROOM	1	30	1	30	0.0	0.0
R32/302	W38/302	BEDROOM	2	32	2	32	0.0	0.0
R33/302	W39/302	BEDROOM	2	33	2	33	0.0	0.0
R34/302	W40/302	LKD	5	42	5	42	0.0	0.0
R35/302	W41/302	BEDROOM	7	44	7	44	0.0	0.0
R36/302	W42/302	BEDROOM	7	28	7	28	0.0	0.0
R37/302	W43/302	BEDROOM	9	28	9	28	0.0	0.0
R38/302	W44/302	BEDROOM	7	38	7	38	0.0	0.0
R39/302	W45/302	LKD	10	43	10	43	0.0	0.0
R40/302	W46/302	BEDROOM	8	37	8	37	0.0	0.0
R41/302	W47/302	BEDROOM	10	43	10	43	0.0	0.0
R42/302	W48/302	LKD						
R42/302	W49/302	LKD						
R42/302	W50/302	LKD	10	48	10	48	0.0	0.0
R43/302	W51/302	LKD	3	10	3	10	0.0	0.0

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R44/302	W52/302							
R44/302	W53/302		7	22	7	22	0.0	0.0
R1/303	W1/303	BEDROOM						
R1/303	W2/303	BEDROOM						
R1/303	W3/303	BEDROOM	22	74	22	74	0.0	0.0
R2/303	W4/303	BEDROOM	18	55	18	55	0.0	0.0
R3/303	W5/303	LKD	16	47	16	47	0.0	0.0
R4/303	W6/303	LKD	17	39	17	39	0.0	0.0
R5/303	W7/303	BEDROOM	13	48	13	48	0.0	0.0
R6/303	W8/303	BEDROOM	7	37	7	37	0.0	0.0
R7/303	W9/303	BEDROOM	15	49	15	49	0.0	0.0
R8/303	W10/303	LKD						
R8/303	W11/303	LKD	17	58	17	58	0.0	0.0
R9/303	W12/303	BEDROOM	11	42	11	42	0.0	0.0
R10/303	W13/303	BEDROOM	15	44	15	44	0.0	0.0
R11/303	W14/303	BEDROOM	10	43	10	43	0.0	0.0
R12/303	W15/303	BEDROOM	17	54	17	54	0.0	0.0
R13/303	W16/303	LKD	12	42	12	42	0.0	0.0
R14/303	W17/303	LKD	16	42	16	42	0.0	0.0
R15/303	W18/303	BEDROOM	13	49	13	48	0.0	2.0
R16/303	W19/303	BEDROOM	15	45	15	45	0.0	0.0
R17/303	W20/303	BEDROOM	12	40	12	39	0.0	2.5
R18/303	W21/303	BEDROOM	18	53	18	52	0.0	1.9
R19/303	W22/303	LKD						
R19/303	W23/303	LKD	17	53	17	52	0.0	1.9
R20/303	W24/303	BEDROOM	12	36	12	36	0.0	0.0
R21/303	W25/303	BEDROOM	15	51	15	51	0.0	0.0
R22/303	W26/303	LKD	14	51	14	51	0.0	0.0
R23/303	W27/303	LKD						
R23/303	W28/303	LKD	18	58	18	58	0.0	0.0
R24/303	W29/303	BEDROOM						
R24/303	W30/303	BEDROOM						
R24/303	W31/303	BEDROOM	17	58	17	58	0.0	0.0
R30/303	W37/303	LKD						

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R30/303	W38/303	LKD	3	32	3	32	0.0	0.0
R31/303	W39/303	BEDROOM	7	38	7	38	0.0	0.0
R32/303	W40/303	BEDROOM	8	41	8	41	0.0	0.0
R33/303	W41/303	BEDROOM	9	42	9	42	0.0	0.0
R34/303	W42/303	LKD	11	51	11	51	0.0	0.0
R35/303	W43/303	BEDROOM	13	53	13	53	0.0	0.0
R36/303	W44/303	BEDROOM	10	35	10	35	0.0	0.0
R37/303	W45/303	BEDROOM	13	35	13	35	0.0	0.0
R38/303	W46/303	BEDROOM	13	47	13	47	0.0	0.0
R39/303	W47/303	LKD	14	51	14	51	0.0	0.0
R40/303	W48/303	BEDROOM	13	46	13	46	0.0	0.0
R41/303	W49/303	BEDROOM	15	47	15	47	0.0	0.0
R42/303	W50/303	LKD						
R42/303	W51/303	LKD						
R42/303	W52/303	LKD	17	56	17	56	0.0	0.0
R43/303	W53/303	LKD	3	13	3	13	0.0	0.0
R44/303	W54/303							
R44/303	W55/303		8	29	8	29	0.0	0.0
R1/304	W1/304	BEDROOM						
R1/304	W2/304	BEDROOM						
R1/304	W3/304	BEDROOM	22	70	22	70	0.0	0.0
R2/304	W4/304	BEDROOM	16	50	16	50	0.0	0.0
R3/304	W5/304	LKD	16	54	16	54	0.0	0.0
R4/304	W6/304	LKD	18	54	18	54	0.0	0.0
R5/304	W7/304	BEDROOM	12	43	12	43	0.0	0.0
R6/304	W8/304	BEDROOM						
R6/304	W9/304	BEDROOM	17	51	17	51	0.0	0.0
R7/304	W10/304	BEDROOM	16	53	16	53	0.0	0.0
R8/304	W11/304		18	61	18	61	0.0	0.0
R9/304	W12/304		19	65	19	65	0.0	0.0
R10/304	W13/304		21	63	21	63	0.0	0.0
R11/304	W14/304		21	63	21	63	0.0	0.0
R12/304	W15/304		20	63	20	63	0.0	0.0

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R13/304	W16/304		21	64	21	64	0.0	0.0
R14/304	W17/304	BEDROOM	18	58	18	58	0.0	0.0
R15/304	W18/304	LKD	15	56	15	56	0.0	0.0
R19/304	W22/304	LKD						
R19/304	W23/304	LKD	10	37	10	37	0.0	0.0
R20/304	W24/304	BEDROOM	10	39	10	39	0.0	0.0
R21/304	W25/304	BEDROOM	14	42	14	42	0.0	0.0
R22/304	W26/304	BEDROOM	16	38	16	38	0.0	0.0
R23/304	W27/304	LKD						
R23/304	W28/304	LKD	19	59	19	59	0.0	0.0
R24/304	W29/304	LKD	22	62	22	62	0.0	0.0
R25/304	W30/304	BEDROOM	21	58	21	58	0.0	0.0
R26/304	W31/304	BEDROOM	21	58	21	58	0.0	0.0
R27/304	W32/304	LKD	20	54	20	54	0.0	0.0
R28/304	W33/304	LKD	18	52	18	52	0.0	0.0
R29/304	W34/304	BEDROOM	16	44	16	44	0.0	0.0
R30/304	W35/304	BEDROOM	15	49	15	49	0.0	0.0
R31/304	W36/304	LKD						
R31/304	W37/304	LKD						
R31/304	W38/304	LKD	18	63	18	63	0.0	0.0
R32/304	W39/304	LKD	3	28	3	28	0.0	0.0
R33/304	W40/304							
R33/304	W41/304		10	35	10	35	0.0	0.0
R1/305	W1/305		24	68	24	68	0.0	0.0
R2/305	W2/305		24	67	24	67	0.0	0.0
R3/305	W3/305		23	69	23	69	0.0	0.0
R6/305	W6/305	BEDROOM						
R6/305	W7/305	BEDROOM	23	79	23	79	0.0	0.0
R7/305	W8/305	LKD	22	68	22	68	0.0	0.0
R8/305	W9/305	LKD						
R8/305	W10/305	LKD						
R8/305	W11/305	LKD						
R8/305	W12/305	LKD	22	70	22	70	0.0	0.0
R10/305	W14/305		5	35	5	35	0.0	0.0
R11/305	W15/305		16	45	16	45	0.0	0.0

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R12/305	W16/305		12	30	12	30	0.0	0.0
R1/306	W1/306	LKD						
R1/306	W2/306	LKD	24	80	24	80	0.0	0.0
R2/306	W3/306	BEDROOM	22	69	22	69	0.0	0.0
R3/306	W4/306	LKD						
R3/306	W5/306	LKD	14	61	14	61	0.0	0.0
R4/306	W6/306		17	57	17	57	0.0	0.0
R5/306	W7/306		17	45	17	45	0.0	0.0
R6/306	W8/306		14	33	14	33	0.0	0.0
R1/307	W1/307		18	60	18	60	0.0	0.0
R2/307	W2/307		19	54	19	54	0.0	0.0
R3/307	W3/307		14	34	14	34	0.0	0.0
Macintosh Mills								
R4/9	W4/9	LKD						
R4/9	W5/9	LKD						
R4/9	W6/9	LKD	1	28	1	20	0.0	28.6
R5/9	W7/9	BEDROOM	1	22	1	19	0.0	13.6
R6/9	W8/9	STUDIO						
R6/9	W9/9	STUDIO	1	20	1	20	0.0	0.0
R7/9	W10/9	BEDROOM						
R7/9	W11/9	BEDROOM	1	17	1	17	0.0	0.0
R8/9	W12/9	BEDROOM	1	14	1	14	0.0	0.0
R10/9	W14/9	BEDROOM	0	6	0	6	0.0	0.0
R11/9	W15/9	BEDROOM	1	1	1	1	0.0	0.0
R12/9	W16/9	BEDROOM	1	9	1	9	0.0	0.0
R13/9	W17/9	BEDROOM						
R13/9	W18/9	BEDROOM	0	14	0	14	0.0	0.0
R4/10	W5/10	LKD						
R4/10	W6/10	LKD						
R4/10	W7/10	LKD	5	41	1	22	80.0	46.3
R5/10	W8/10	BEDROOM	5	39	1	21	80.0	46.2
R6/10	W9/10	BEDROOM	6	41	2	23	66.7	43.9
R8/10	W11/10	LKD						
R8/10	W12/10	LKD	5	38	1	21	80.0	44.7
R9/10	W13/10	BEDROOM	4	34	1	18	75.0	47.1

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R10/10	W14/10	LKD						
R10/10	W15/10	LKD	4	35	1	18	75.0	48.6
R12/10	W18/10	BEDROOM	3	31	2	18	33.3	41.9
R13/10	W19/10	BEDROOM						
R13/10	W20/10	BEDROOM						
R13/10	W21/10	BEDROOM	10	61	10	52	0.0	14.8
R4/11	W5/11	LKD						
R4/11	W6/11	LKD						
R4/11	W7/11	LKD	6	43	1	23	83.3	46.5
R5/11	W8/11	BEDROOM	6	43	1	25	83.3	41.9
R6/11	W9/11	BEDROOM	6	42	2	26	66.7	38.1
R8/11	W11/11	LKD						
R8/11	W12/11	LKD	6	42	2	25	66.7	40.5
R9/11	W13/11	BEDROOM	5	41	2	24	60.0	41.5
R10/11	W14/11	LKD						
R10/11	W15/11	LKD	4	39	1	22	75.0	43.6
R12/11	W17/11	BEDROOM	3	34	2	19	33.3	44.1
R13/11	W18/11	BEDROOM						
R13/11	W19/11	BEDROOM						
R13/11	W20/11	BEDROOM	11	66	11	54	0.0	18.2
R4/12	W5/12	LKD						
R4/12	W6/12	LKD						
R4/12	W7/12	LKD	7	46	2	27	71.4	41.3
R5/12	W8/12	BEDROOM	6	43	1	25	83.3	41.9
R6/12	W9/12	BEDROOM	6	43	2	26	66.7	39.5
R8/12	W11/12	LKD						
R8/12	W12/12	LKD	6	43	2	25	66.7	41.9
R9/12	W13/12	BEDROOM	5	41	2	24	60.0	41.5
R10/12	W14/12	LKD						
R10/12	W15/12	LKD	6	41	3	24	50.0	41.5
R12/12	W17/12	BEDROOM	4	38	3	23	25.0	39.5
R13/12	W18/12	BEDROOM						
R13/12	W19/12	BEDROOM						
R13/12	W20/12	BEDROOM	11	68	11	56	0.0	17.6
R4/13	W5/13	LKD						
R4/13	W6/13	LKD						
R4/13	W7/13	LKD	7	46	2	28	71.4	39.1
R5/13	W8/13	BEDROOM	7	45	2	28	71.4	37.8

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R6/13	W9/13	BEDROOM	7	45	3	29	57.1	35.6
R8/13	W11/13	LKD						
R8/13	W12/13	LKD	7	44	3	27	57.1	38.6
R9/13	W13/13	BEDROOM	6	42	3	26	50.0	38.1
R10/13	W14/13	LKD						
R10/13	W15/13	LKD	6	43	3	27	50.0	37.2
R12/13	W17/13	BEDROOM	5	39	4	25	20.0	35.9
R13/13	W18/13	BEDROOM						
R13/13	W19/13	BEDROOM						
R13/13	W20/13	BEDROOM	11	71	11	60	0.0	15.5
R4/14	W5/14	LKD						
R4/14	W6/14	LKD						
R4/14	W7/14	LKD	8	47	3	31	62.5	34.0
R5/14	W8/14	BEDROOM	8	47	3	32	62.5	31.9
R6/14	W9/14	BEDROOM	8	46	4	32	50.0	30.4
R8/14	W11/14	LKD						
R8/14	W12/14	LKD	7	45	3	30	57.1	33.3
R9/14	W13/14	BEDROOM	6	43	3	28	50.0	34.9
R10/14	W14/14	LKD						
R10/14	W15/14	LKD	6	44	3	29	50.0	34.1
R12/14	W17/14	BEDROOM	5	41	4	28	20.0	31.7
R13/14	W18/14	BEDROOM						
R13/14	W19/14	BEDROOM						
R13/14	W20/14	BEDROOM	12	73	12	62	0.0	15.1
R1/280	W1/280		0	16	0	15	0.0	6.3
R1/281	W1/281		0	17	0	16	0.0	5.9
R2/281	W2/281		1	26	0	24	100.0	7.7
R3/281	W3/281		1	32	0	30	100.0	6.3
R1/282	W1/282		1	21	0	19	100.0	9.5
R2/282	W2/282		1	36	0	34	100.0	5.6
R3/282	W3/282		3	43	0	39	100.0	9.3
R17/9	W25/9							
R17/9	W26/9							
R17/9	W27/9							
R17/9	W28/9							
R17/9	W29/9		12	50	12	50	0.0	0.0
R16/10	W26/10							
R16/10	W27/10		8	36	8	35	0.0	2.8

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R16/11	W25/11							
R16/11	W26/11							
R16/11	W27/11		12	59	12	58	0.0	1.7
R16/12	W25/12							
R16/12	W26/12							
R16/12	W27/12		15	66	14	64	6.7	3.0
Chorlton Mill								
R1/239	W1/239	BEDROOM						
R1/239	W2/239	BEDROOM	4	19	4	19	0.0	0.0
R3/239	W4/239							
R3/239	W5/239							
R3/239	W6/239							
R3/239	W7/239							
R3/239	W8/239							
R3/239	W9/239		9	48	9	48	0.0	0.0
R4/239	W10/239							
R4/239	W11/239							
R4/239	W12/239							
R4/239	W13/239							
R4/239	W14/239							
R4/239	W15/239		9	48	9	48	0.0	0.0
R5/239	W16/239							
R5/239	W17/239							
R5/239	W18/239							
R5/239	W19/239							
R5/239	W20/239							
R5/239	W21/239		8	47	8	47	0.0	0.0
R6/239	W22/239							
R6/239	W23/239							
R6/239	W24/239							
R6/239	W25/239							
R6/239	W26/239							
R6/239	W27/239		7	42	7	42	0.0	0.0
R7/239	W28/239							
R7/239	W29/239							
R7/239	W30/239							
R7/239	W31/239							
R7/239	W32/239							
R7/239	W33/239		6	37	6	37	0.0	0.0
R8/239	W34/239							
R8/239	W35/239							
R8/239	W36/239							
R8/239	W37/239							
R8/239	W38/239							
R8/239	W39/239		7	36	7	36	0.0	0.0
R1/240	W1/240	STUDIO						
R1/240	W2/240	STUDIO						
R1/240	W3/240	STUDIO	6	21	6	21	0.0	0.0

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R3/240	W6/240	LKD						
R3/240	W7/240	LKD	11	53	10	52	9.1	1.9
R4/240	W8/240	BEDROOM	9	51	9	51	0.0	0.0
R5/240	W9/240	BEDROOM	8	49	8	49	0.0	0.0
R6/240	W10/240	BEDROOM	9	49	9	49	0.0	0.0
R7/240	W11/240	LKD						
R7/240	W12/240	LKD	8	47	8	47	0.0	0.0
R8/240	W13/240	LKD						
R8/240	W14/240	LKD	8	48	8	48	0.0	0.0
R9/240	W15/240	BEDROOM	7	41	7	41	0.0	0.0
R10/240	W16/240	BEDROOM	7	41	7	41	0.0	0.0
R11/240	W17/240	LKD						
R11/240	W18/240	LKD	8	38	8	38	0.0	0.0
R1/241	W1/241	LKD						
R1/241	W2/241	LKD						
R1/241	W3/241	LKD						
R1/241	W4/241	LKD	12	26	10	24	16.7	7.7
R3/241	W6/241	BEDROOM	12	54	11	53	8.3	1.9
R4/241	W7/241	BEDROOM	11	53	10	52	9.1	1.9
R5/241	W8/241	LKD						
R5/241	W9/241	LKD	12	53	11	52	8.3	1.9
R6/241	W10/241	LKD						
R6/241	W11/241	LKD	11	52	10	51	9.1	1.9
R7/241	W12/241	BEDROOM	9	50	8	49	11.1	2.0
R8/241	W13/241	BEDROOM	9	49	9	49	0.0	0.0
R9/241	W14/241	BEDROOM	8	48	8	48	0.0	0.0
R10/241	W15/241	LKD						
R10/241	W16/241	LKD	8	48	8	48	0.0	0.0
R11/241	W17/241	LKD						
R11/241	W18/241	LKD	4	38	4	38	0.0	0.0
R12/241	W19/241	BEDROOM	2	22	1	21	50.0	4.5
R1/242	W1/242	LKD						
R1/242	W2/242	LKD						
R1/242	W3/242	LKD						
R1/242	W4/242	LKD	14	28	12	26	14.3	7.1
R3/242	W6/242	BEDROOM	16	58	15	57	6.3	1.7
R4/242	W7/242	BEDROOM	15	57	14	56	6.7	1.8

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R5/242	W8/242	LKD						
R5/242	W9/242	LKD	15	57	14	56	6.7	1.8
R6/242	W10/242	LKD						
R6/242	W11/242	LKD	14	56	14	55	0.0	1.8
R7/242	W12/242	BEDROOM	12	54	12	53	0.0	1.9
R8/242	W13/242	BEDROOM	10	52	10	51	0.0	1.9
R9/242	W14/242	BEDROOM	9	51	9	50	0.0	2.0
R10/242	W15/242	LKD						
R10/242	W16/242	LKD	9	51	9	51	0.0	0.0
R11/242	W17/242	LKD						
R11/242	W18/242	LKD	5	42	5	42	0.0	0.0
R12/242	W19/242	BEDROOM	2	26	2	26	0.0	0.0
R1/243	W1/243	LKD						
R1/243	W2/243	LKD						
R1/243	W3/243	LKD						
R1/243	W4/243	LKD	18	33	16	31	11.1	6.1
R3/243	W6/243	BEDROOM	18	60	16	58	11.1	3.3
R4/243	W7/243	BEDROOM	17	59	15	57	11.8	3.4
R5/243	W8/243	LKD						
R5/243	W9/243	LKD	17	59	15	57	11.8	3.4
R6/243	W10/243	LKD						
R6/243	W11/243	LKD	15	57	14	55	6.7	3.5
R7/243	W12/243	BEDROOM	13	55	13	54	0.0	1.8
R8/243	W13/243	BEDROOM	13	55	13	54	0.0	1.8
R9/243	W14/243	BEDROOM	12	54	12	53	0.0	1.9
R10/243	W15/243	LKD						
R10/243	W16/243	LKD	10	53	10	52	0.0	1.9
R11/243	W17/243	LKD						
R11/243	W18/243	LKD	5	47	5	46	0.0	2.1
R12/243	W19/243	BEDROOM	2	32	2	32	0.0	0.0
R1/244	W1/244	LKD						
R1/244	W2/244	LKD						
R1/244	W3/244	LKD						
R1/244	W4/244	LKD	18	34	16	32	11.1	5.9
R3/244	W6/244	BEDROOM	18	60	16	58	11.1	3.3
R4/244	W7/244	BEDROOM	17	59	15	57	11.8	3.4
R5/244	W8/244	LKD						

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R5/244	W9/244	LKD	17	59	15	57	11.8	3.4
R6/244	W10/244	LKD						
R6/244	W11/244	LKD	18	60	16	58	11.1	3.3
R7/244	W12/244	BEDROOM	16	58	15	57	6.3	1.7
R8/244	W13/244	BEDROOM	15	57	14	56	6.7	1.8
R9/244	W14/244	BEDROOM	13	55	13	55	0.0	0.0
R10/244	W15/244	LKD						
R10/244	W16/244	LKD	13	56	13	56	0.0	0.0
R11/244	W17/244	LKD						
R11/244	W18/244	LKD	9	52	9	52	0.0	0.0
R12/244	W19/244	BEDROOM	2	39	2	39	0.0	0.0
R1/245	W1/245							
R1/245	W2/245							
R1/245	W3/245							
R1/245	W4/245		19	62	17	60	10.5	3.2
R3/245	W6/245	BEDROOM	19	61	17	59	10.5	3.3
R4/245	W7/245	BEDROOM	17	60	15	58	11.8	3.3
R5/245	W8/245	LKD						
R5/245	W9/245	LKD	17	59	15	57	11.8	3.4
R6/245	W10/245	LKD						
R6/245	W11/245	LKD	18	60	16	58	11.1	3.3
R7/245	W12/245	BEDROOM	16	58	15	57	6.3	1.7
R8/245	W13/245	BEDROOM	16	58	15	57	6.3	1.7
R9/245	W14/245	BEDROOM	15	57	14	56	6.7	1.8
R10/245	W15/245	LKD						
R10/245	W16/245	LKD	16	59	16	59	0.0	0.0
R11/245	W17/245	LKD						
R11/245	W18/245	LKD	13	56	13	56	0.0	0.0
R12/245	W19/245	BEDROOM	7	49	7	49	0.0	0.0
R1/250	W1/250							
R1/250	W5/250		13	50	12	49	7.7	2.0
R2/250	W2/250							
R2/250	W3/250							
R2/250	W4/250		13	48	12	47	7.7	2.1
R1/251	W1/251	BEDROOM						
R1/251	W2/251	BEDROOM						
R1/251	W3/251	BEDROOM	16	55	16	55	0.0	0.0
R2/251	W4/251	BEDROOM	16	56	16	55	0.0	1.8

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R3/251	**W5/251**	LKD						
R3/251	**W6/251**	LKD						
R3/251	**W7/251**	LKD						
R3/251	**W8/251**	LKD	18	60	18	59	0.0	1.7
R1/252	**W1/252**	BEDROOM						
R1/252	**W2/252**	BEDROOM						
R1/252	**W3/252**	BEDROOM	16	60	16	59	0.0	1.7
R2/252	**W4/252**	BEDROOM	17	59	17	58	0.0	1.7
R3/252	**W5/252**	LKD						
R3/252	**W6/252**	LKD						
R3/252	**W7/252**	LKD						
R3/252	**W8/252**	LKD	18	62	18	61	0.0	1.6
R1/253	**W1/253**	BEDROOM						
R1/253	**W2/253**	BEDROOM						
R1/253	**W3/253**	BEDROOM	16	60	16	60	0.0	0.0
R2/253	**W4/253**	BEDROOM	17	61	17	60	0.0	1.6
R3/253	**W5/253**	LKD						
R3/253	**W6/253**	LKD						
R3/253	**W7/253**	LKD						
R3/253	**W8/253**	LKD	18	66	18	65	0.0	1.5
R1/254	**W1/254**	BEDROOM						
R1/254	**W2/254**	BEDROOM						
R1/254	**W3/254**	BEDROOM	16	60	16	60	0.0	0.0
R2/254	**W4/254**	BEDROOM	17	61	17	61	0.0	0.0
R3/254	**W5/254**	LKD						
R3/254	**W6/254**	LKD						
R3/254	**W7/254**	LKD						
R3/254	**W8/254**	LKD	18	72	18	72	0.0	0.0
R1/255	**W1/255**							
R1/255	**W2/255**		16	61	16	61	0.0	0.0
R2/255	**W3/255**							
R2/255	**W4/255**		14	79	14	79	0.0	0.0
5 Cambridge Street (Cambridge Mill)								
R1/29	**W1/29**		12	53	12	52	0.0	1.9
R2/29	**W2/29**		11	51	11	50	0.0	2.0
R3/29	**W3/29**		11	50	11	49	0.0	2.0
R4/29	**W4/29**		10	48	10	47	0.0	2.1
R5/29	**W5/29**		8	43	8	42	0.0	2.3
R6/29	**W6/29**		5	38	5	37	0.0	2.6
R7/29	**W7/29**		2	28	2	26	0.0	7.1

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R8/29	W8/29		5	42	5	42	0.0	0.0
R9/29	W9/29		4	40	4	40	0.0	0.0
R10/29	W10/29							
R10/29	W11/29							
R10/29	W12/29		3	51	3	51	0.0	0.0
R1/30	W1/30		13	54	13	54	0.0	0.0
R2/30	W2/30		13	54	13	54	0.0	0.0
R3/30	W3/30		13	54	13	54	0.0	0.0
R4/30	W4/30		12	50	12	50	0.0	0.0
R5/30	W5/30		9	45	9	45	0.0	0.0
R6/30	W6/30		7	41	7	41	0.0	0.0
R7/30	W7/30		2	29	2	28	0.0	3.4
R8/30	W8/30		10	51	10	49	0.0	3.9
R9/30	W9/30		10	49	10	48	0.0	2.0
R10/30	W10/30							
R10/30	W11/30							
R10/30	W12/30		16	74	16	73	0.0	1.4
R1/31	W1/31		14	55	14	54	0.0	1.8
R2/31	W2/31		14	56	14	55	0.0	1.8
R3/31	W3/31		14	56	14	55	0.0	1.8
R4/31	W4/31		15	57	15	56	0.0	1.8
R5/31	W5/31		14	54	14	53	0.0	1.9
R6/31	W6/31		10	47	10	46	0.0	2.1
R7/31	W7/31		7	42	7	41	0.0	2.4
R8/31	W8/31		3	31	3	30	0.0	3.2
R9/31	W9/31		11	50	11	49	0.0	2.0
R10/31	W10/31		11	51	11	50	0.0	2.0
R11/31	W11/31		12	53	12	52	0.0	1.9
R12/31	W12/31		12	52	12	52	0.0	0.0
R13/31	W13/31							
R13/31	W14/31							
R13/31	W15/31		17	77	17	77	0.0	0.0
R1/32	W1/32		16	57	16	56	0.0	1.8

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R2/32	W2/32		16	58	16	57	0.0	1.7
R3/32	W3/32		17	59	17	58	0.0	1.7
R4/32	W4/32		17	59	17	58	0.0	1.7
R5/32	W5/32		15	55	15	54	0.0	1.8
R6/32	W6/32		12	50	12	49	0.0	2.0
R7/32	W7/32		9	45	9	44	0.0	2.2
R8/32	W8/32		4	33	4	32	0.0	3.0
R9/32	W9/32		13	53	13	52	0.0	1.9
R10/32	W10/32		13	53	13	52	0.0	1.9
R11/32	W11/32		13	54	13	53	0.0	1.9
R12/32	W12/32		12	52	12	52	0.0	0.0
R13/32	W13/32							
R13/32	W14/32							
R13/32	W15/32		18	79	18	79	0.0	0.0
R1/33	W1/33		17	58	17	57	0.0	1.7
R2/33	W2/33		17	59	17	58	0.0	1.7
R3/33	W3/33		18	60	18	59	0.0	1.7
R4/33	W4/33		18	61	18	60	0.0	1.6
R5/33	W5/33		16	57	16	56	0.0	1.8
R6/33	W6/33		15	55	15	54	0.0	1.8
R7/33	W7/33		11	47	11	46	0.0	2.1
R8/33	W8/33		4	33	4	32	0.0	3.0
R9/33	W9/33		16	56	16	55	0.0	1.8
R10/33	W10/33		15	55	15	54	0.0	1.8
R11/33	W11/33		15	56	15	55	0.0	1.8
R12/33	W12/33		15	55	15	55	0.0	0.0
R13/33	W13/33							
R13/33	W14/33							
R13/33	W15/33		20	82	20	82	0.0	0.0
R1/34	W1/34		17	58	17	57	0.0	1.7
R2/34	W2/34		17	59	17	58	0.0	1.7
R3/34	W3/34		18	60	18	59	0.0	1.7

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R4/34	W4/34		18	61	18	60	0.0	1.6
R5/34	W5/34		17	59	17	58	0.0	1.7
R6/34	W6/34		15	57	15	56	0.0	1.8
R7/34	W7/34		12	50	12	49	0.0	2.0
R8/34	W8/34		6	35	6	34	0.0	2.9
R9/34	W9/34		18	58	18	57	0.0	1.7
R10/34	W10/34		17	57	17	56	0.0	1.8
R11/34	W11/34		18	59	18	58	0.0	1.7
R12/34	W12/34		18	58	18	58	0.0	0.0
R13/34	W13/34							
R13/34	W14/34							
R13/34	W15/34		23	86	23	86	0.0	0.0
R1/35	W1/35		23	81	23	81	0.0	0.0
R2/35	W2/35							
R2/35	W3/35		23	84	23	83	0.0	1.2
R3/35	W4/35							
R3/35	W5/35		23	85	23	84	0.0	1.2
R4/35	W6/35							
R4/35	W7/35		24	85	24	84	0.0	1.2
R5/35	W8/35		24	84	24	83	0.0	1.2
R6/35	W9/35							
R6/35	W10/35		22	82	22	81	0.0	1.2
R7/35	W11/35		18	58	18	57	0.0	1.7
R8/35	W12/35							
R8/35	W13/35		24	83	24	83	0.0	0.0
R9/35	W14/35							
R9/35	W15/35		24	85	24	84	0.0	1.2
R10/35	W16/35		24	85	24	84	0.0	1.2
R11/35	W17/35							
R11/35	W18/35		24	85	24	84	0.0	1.2
Manchester Student Village								
R1/20	W1/20							
R1/20	W2/20							
R1/20	W3/20		15	56	15	54	0.0	3.6
R2/20	W4/20		15	55	15	53	0.0	3.6

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R3/20	W5/20		15	54	15	52	0.0	3.7
R4/20	W6/20		13	52	13	50	0.0	3.8
R5/20	W7/20		13	52	13	50	0.0	3.8
R6/20	W8/20		11	52	11	50	0.0	3.8
R7/20	W9/20		11	52	11	50	0.0	3.8
R8/20	W10/20		10	49	10	47	0.0	4.1
R9/20	W11/20		11	51	11	48	0.0	5.9
R10/20	W12/20		11	51	11	48	0.0	5.9
R11/20	W13/20		11	51	11	48	0.0	5.9
R12/20	W14/20		12	53	12	50	0.0	5.7
R13/20	W15/20		12	52	12	50	0.0	3.8
R1/21	W1/21							
R1/21	W2/21							
R1/21	W3/21		15	58	15	57	0.0	1.7
R2/21	W4/21		15	56	15	55	0.0	1.8
R3/21	W5/21		15	56	15	55	0.0	1.8
R4/21	W6/21		14	55	14	54	0.0	1.8
R5/21	W7/21		14	55	14	54	0.0	1.8
R6/21	W8/21		14	56	14	55	0.0	1.8
R7/21	W9/21		14	56	14	55	0.0	1.8
R8/21	W10/21		14	54	14	53	0.0	1.9
R9/21	W11/21		15	56	15	55	0.0	1.8
R10/21	W12/21		14	54	14	53	0.0	1.9
R11/21	W13/21		15	55	15	54	0.0	1.8
R12/21	W14/21		14	55	14	54	0.0	1.8
R13/21	W15/21		13	56	13	56	0.0	0.0
R14/21	W16/21		13	55	13	55	0.0	0.0
R1/22	W1/22							
R1/22	W2/22							
R1/22	W3/22		16	60	16	59	0.0	1.7
R2/22	W4/22		15	57	15	56	0.0	1.8
R3/22	W5/22		15	56	15	55	0.0	1.8

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R4/22	W6/22		14	56	14	55	0.0	1.8
R5/22	W7/22		14	56	14	55	0.0	1.8
R6/22	W8/22		14	57	14	56	0.0	1.8
R7/22	W9/22		14	56	14	55	0.0	1.8
R8/22	W10/22		14	55	14	54	0.0	1.8
R9/22	W11/22		15	57	15	56	0.0	1.8
R10/22	W12/22		15	57	15	56	0.0	1.8
R11/22	W13/22		16	59	16	58	0.0	1.7
R12/22	W14/22		16	60	16	60	0.0	0.0
R13/22	W15/22		16	60	16	60	0.0	0.0
R14/22	W16/22		16	59	16	59	0.0	0.0
R1/23	W1/23							
R1/23	W2/23							
R1/23	W3/23		17	62	17	62	0.0	0.0
R2/23	W4/23		17	61	17	61	0.0	0.0
R3/23	W5/23		16	59	16	59	0.0	0.0
R4/23	W6/23		15	58	15	58	0.0	0.0
R5/23	W7/23		15	58	15	58	0.0	0.0
R6/23	W8/23		15	59	15	59	0.0	0.0
R7/23	W9/23		15	58	15	58	0.0	0.0
R8/23	W10/23		15	57	15	57	0.0	0.0
R9/23	W11/23		16	59	16	59	0.0	0.0
R10/23	W12/23		16	60	16	60	0.0	0.0
R11/23	W13/23		16	59	16	59	0.0	0.0
R12/23	W14/23		16	60	16	60	0.0	0.0
R13/23	W15/23		16	60	16	60	0.0	0.0
R14/23	W16/23		16	60	16	60	0.0	0.0
R1/24	W1/24							
R1/24	W2/24							
R1/24	W3/24		18	63	18	63	0.0	0.0
R2/24	W4/24		18	62	18	62	0.0	0.0
R3/24	W5/24		17	61	17	61	0.0	0.0

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R4/24	W6/24		16	60	16	60	0.0	0.0
R5/24	W7/24		16	59	16	59	0.0	0.0
R6/24	W8/24		16	60	16	60	0.0	0.0
R7/24	W9/24		16	59	16	59	0.0	0.0
R8/24	W10/24		16	58	16	58	0.0	0.0
R9/24	W11/24		16	59	16	59	0.0	0.0
R10/24	W12/24		16	60	16	60	0.0	0.0
R11/24	W13/24		16	59	16	59	0.0	0.0
R12/24	W14/24		16	60	16	60	0.0	0.0
R13/24	W15/24		17	61	17	61	0.0	0.0
R14/24	W16/24		17	61	17	61	0.0	0.0
R1/25	W1/25							
R1/25	W2/25							
R1/25	W3/25		19	64	19	64	0.0	0.0
R2/25	W4/25		19	63	19	63	0.0	0.0
R3/25	W5/25		18	62	18	62	0.0	0.0
R4/25	W6/25		17	61	17	61	0.0	0.0
R5/25	W7/25		17	60	17	60	0.0	0.0
R6/25	W8/25		17	61	17	61	0.0	0.0
R7/25	W9/25		17	60	17	60	0.0	0.0
R8/25	W10/25		17	60	17	60	0.0	0.0
R9/25	W11/25		17	60	17	60	0.0	0.0
R10/25	W12/25		17	61	17	61	0.0	0.0
R11/25	W13/25		17	60	17	60	0.0	0.0
R12/25	W14/25		17	61	17	61	0.0	0.0
R13/25	W15/25		17	61	17	61	0.0	0.0
R14/25	W16/25		17	61	17	61	0.0	0.0
R1/26	W1/26		22	81	22	81	0.0	0.0
R2/26	W2/26							
R2/26	W3/26		22	81	22	81	0.0	0.0
R3/26	W4/26							
R3/26	W5/26		22	81	22	81	0.0	0.0

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R4/26	W6/26							
R4/26	W7/26		21	80	21	80	0.0	0.0
R5/26	W8/26							
R5/26	W9/26		20	79	20	79	0.0	0.0
R6/26	W10/26							
R6/26	W11/26		20	79	20	79	0.0	0.0
R7/26	W12/26							
R7/26	W13/26		20	79	20	79	0.0	0.0
R8/26	W14/26							
R8/26	W15/26		20	79	20	79	0.0	0.0
R9/26	W16/26							
R9/26	W17/26		20	79	20	79	0.0	0.0
R10/26	W18/26							
R10/26	W19/26		21	81	21	81	0.0	0.0
R11/26	W20/26							
R11/26	W21/26		21	80	21	80	0.0	0.0
R12/26	W22/26							
R12/26	W23/26		21	80	21	80	0.0	0.0
R13/26	W24/26							
R13/26	W25/26		21	80	21	80	0.0	0.0
R14/26	W26/26							
R14/26	W27/26		21	79	21	79	0.0	0.0

Appendix 6: Time in Sun Plots

SCALE NTS @ A3



BASELINE



PROPOSED

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:

- Area analysed
- Area with more than 2 hours of direct sunlight
- Area with less than 2 hours of direct sunlight
- 50% Percentage of area with more than 2 hours of direct sunlight

Revisions:	Date:	Init:
-		

Proximity
Kennedy House. 31 Stamford Street,
Altrincham, WA14 1ES

Client:
Ask Real Estate

Project:
First Street,
Manchester

Drawing Title:
BRE 2hr Sunlight
March 21st
Baseline vs Proposed Scheme
31/10/22 - Plot 10A

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W135	-

Appendix 7: Cumulative Massing Images

SCALE 1:2750 @ A3



All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:
- Baseline Buildings
- Cumulative Buildings
- Proposed Building

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

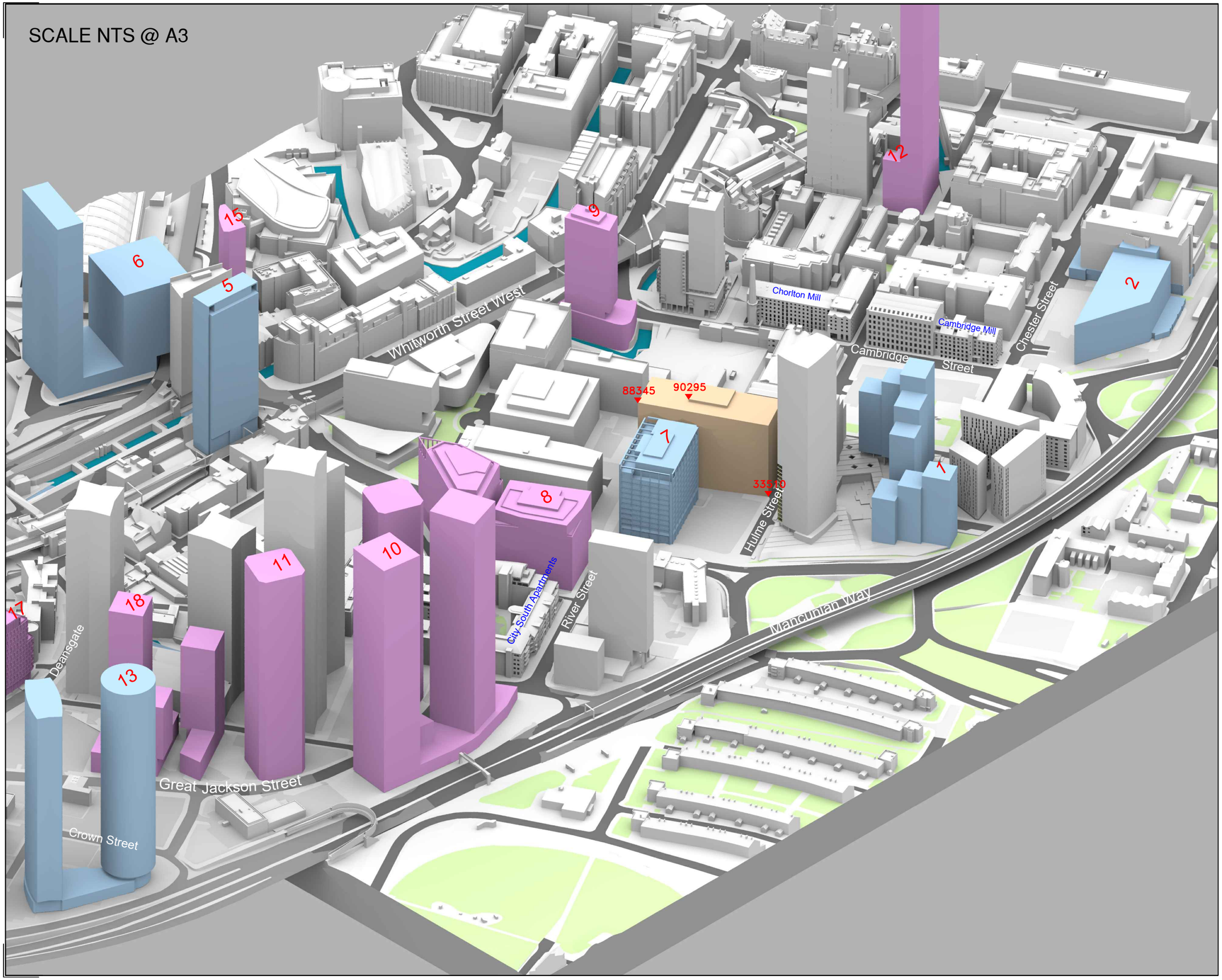
Project:
First Street, Manchester

Drawing Title:
Site Plan
Baseline vs Proposed Scheme received 31/10/22 - Plot 10A + Cumulative Buildings

Drawn:	TP	Scale:	1:2750 @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W139	-

SCALE NTS @ A3



All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

Key:
- Baseline Buildings
- Cumulative Buildings
- Proposed Building

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

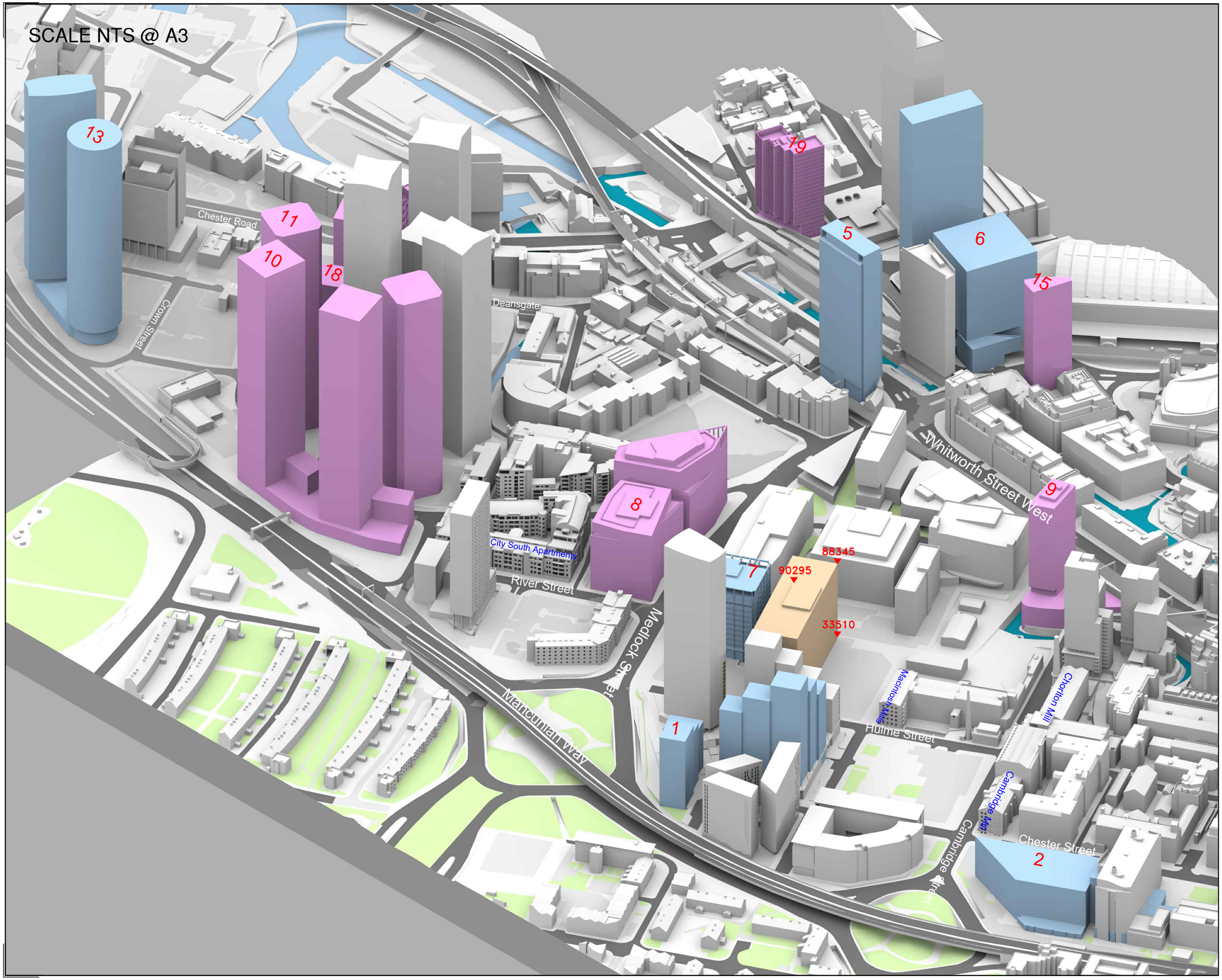
Project:
First Street, Manchester

Drawing Title:
3D View
Baseline vs Proposed Scheme received 31/10/22 - Plot 10A + Cumulative Buildings

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W140	-

SCALE NTS @ A3



All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

Key:
- Baseline Buildings
- Cumulative Buildings
- Proposed Building

Revisions:	Date:	Init:
-		

Proximity
Kennedy House. 31 Stamford Street,
Altrincham, WA14 1ES

Client:
Ask Real Estate

Project:
First Street,
Manchester

Drawing Title:
3D View
Baseline vs Proposed Scheme received 31/10/22 - Plot 10A + Cumulative Buildings

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W141	-

Appendix 8: Tabulated Baseline vs Cumulative VSC Results

DAYLIGHT ANALYSIS
BASELINE VS 10A PROPOSED SCHEME + CUMULATIVE

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
Building A, Downing Co-Living						
R1/702	BEDROOM	W1/702	34.95	34.21	0.74	2.12
R1/702	BEDROOM	W2/702	34.91	34.03	0.88	2.52
R2/702	LKD	W3/702	33.14	25.68	7.46	22.51
R2/702	LKD	W4/702	33.11	25.42	7.69	23.23
R2/702	LKD	W5/702	33.18	25.45	7.73	23.30
R2/702	LKD	W6/702	33.09	25.23	7.86	23.75
R3/702	STUDIO	W7/702	32.16	23.42	8.74	27.18
R3/702	STUDIO	W8/702	32.27	23.43	8.84	27.39
R4/702	STUDIO	W9/702	32.45	23.15	9.30	28.66
R4/702	STUDIO	W10/702	32.46	23.04	9.42	29.02
R5/702	STUDIO	W11/702	32.50	22.64	9.86	30.34
R5/702	STUDIO	W12/702	32.52	22.52	10.00	30.75
R6/702	STUDIO	W13/702	27.60	17.36	10.24	37.10
R6/702	STUDIO	W14/702	29.51	19.16	10.35	35.07
R7/702	STUDIO	W15/702	31.39	20.56	10.83	34.50
R7/702	STUDIO	W16/702	31.65	20.74	10.91	34.47
R8/702	STUDIO	W17/702	31.73	20.38	11.35	35.77
R8/702	STUDIO	W18/702	31.77	20.39	11.38	35.82
R9/702	STUDIO	W19/702	31.76	19.18	12.58	39.61
R9/702	STUDIO	W20/702	31.73	18.31	13.42	42.29
R1/703	BEDROOM	W1/703	36.01	35.23	0.78	2.17
R1/703	BEDROOM	W2/703	35.99	35.07	0.92	2.56
R2/703	LKD	W3/703	34.08	26.86	7.22	21.19
R2/703	LKD	W4/703	34.03	26.59	7.44	21.86
R2/703	LKD	W5/703	34.09	26.59	7.50	22.00
R2/703	LKD	W6/703	33.99	26.37	7.62	22.42
R3/703	STUDIO	W7/703	33.01	24.48	8.53	25.84
R3/703	STUDIO	W8/703	33.13	24.48	8.65	26.11
R4/703	STUDIO	W9/703	33.31	24.19	9.12	27.38
R4/703	STUDIO	W10/703	33.33	24.06	9.27	27.81
R5/703	STUDIO	W11/703	33.38	23.61	9.77	29.27
R5/703	STUDIO	W12/703	33.39	23.47	9.92	29.71
R6/703	STUDIO	W13/703	28.31	18.12	10.19	35.99
R6/703	STUDIO	W14/703	30.28	19.97	10.31	34.05
R7/703	STUDIO	W15/703	32.24	21.39	10.85	33.65

DAYLIGHT ANALYSIS
BASELINE VS 10A PROPOSED SCHEME + CUMULATIVE

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R7/703	STUDIO	W16/703	32.50	21.54	10.96	33.72
R8/703	STUDIO	W17/703	32.59	21.13	11.46	35.16
R8/703	STUDIO	W18/703	32.63	21.11	11.52	35.30
R9/703	STUDIO	W19/703	32.63	19.89	12.74	39.04
R9/703	STUDIO	W20/703	32.60	19.02	13.58	41.66
R10/703	BEDROOM	W21/703	31.61	14.08	17.53	55.46
R10/703	BEDROOM	W22/703	31.66	13.86	17.80	56.22
R11/703	BEDROOM	W23/703	15.38	14.08	1.30	8.45
R11/703	BEDROOM	W24/703	15.24	13.96	1.28	8.40
R1/704	BEDROOM	W1/704	36.52	35.76	0.76	2.08
R1/704	BEDROOM	W2/704	36.51	35.59	0.92	2.52
R2/704	LKD	W3/704	34.55	27.56	6.99	20.23
R2/704	LKD	W4/704	34.50	27.30	7.20	20.87
R2/704	LKD	W5/704	34.57	27.29	7.28	21.06
R2/704	LKD	W6/704	34.48	27.08	7.40	21.46
R3/704	STUDIO	W7/704	33.49	25.16	8.33	24.87
R3/704	STUDIO	W8/704	33.62	25.16	8.46	25.16
R4/704	STUDIO	W9/704	33.81	24.86	8.95	26.47
R4/704	STUDIO	W10/704	33.83	24.73	9.10	26.90
R5/704	STUDIO	W11/704	33.89	24.26	9.63	28.42
R5/704	STUDIO	W12/704	33.90	24.11	9.79	28.88
R6/704	STUDIO	W13/704	28.75	18.67	10.08	35.06
R6/704	STUDIO	W14/704	30.76	20.55	10.21	33.19
R7/704	STUDIO	W15/704	32.75	21.96	10.79	32.95
R7/704	STUDIO	W16/704	33.02	22.10	10.92	33.07
R8/704	STUDIO	W17/704	33.13	21.66	11.47	34.62
R8/704	STUDIO	W18/704	33.16	21.62	11.54	34.80
R9/704	STUDIO	W19/704	33.18	20.40	12.78	38.52
R9/704	STUDIO	W20/704	33.15	19.53	13.62	41.09
R10/704	BEDROOM	W21/704	32.19	14.63	17.56	54.55
R10/704	BEDROOM	W22/704	32.24	14.42	17.82	55.27
R11/704	BEDROOM	W23/704	15.77	14.48	1.29	8.18
R11/704	BEDROOM	W24/704	15.63	14.36	1.27	8.13
R1/705	BEDROOM	W1/705	37.00	36.25	0.75	2.03
R1/705	BEDROOM	W2/705	36.99	36.08	0.91	2.46

DAYLIGHT ANALYSIS
BASELINE VS 10A PROPOSED SCHEME + CUMULATIVE

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R2/705	LKD	W3/705	35.00	28.30	6.70	19.14
R2/705	LKD	W4/705	34.95	28.05	6.90	19.74
R2/705	LKD	W5/705	35.03	28.03	7.00	19.98
R2/705	LKD	W6/705	34.94	27.83	7.11	20.35
R3/705	STUDIO	W7/705	33.96	25.90	8.06	23.73
R3/705	STUDIO	W8/705	34.08	25.89	8.19	24.03
R4/705	STUDIO	W9/705	34.28	25.60	8.68	25.32
R4/705	STUDIO	W10/705	34.32	25.46	8.86	25.82
R5/705	STUDIO	W11/705	34.38	24.97	9.41	27.37
R5/705	STUDIO	W12/705	34.39	24.81	9.58	27.86
R6/705	STUDIO	W13/705	29.18	19.28	9.90	33.93
R6/705	STUDIO	W14/705	31.22	21.19	10.03	32.13
R7/705	STUDIO	W15/705	33.25	22.59	10.66	32.06
R7/705	STUDIO	W16/705	33.51	22.72	10.79	32.20
R8/705	STUDIO	W17/705	33.64	22.25	11.39	33.86
R8/705	STUDIO	W18/705	33.67	22.19	11.48	34.10
R9/705	STUDIO	W19/705	33.70	20.97	12.73	37.77
R9/705	STUDIO	W20/705	33.67	20.11	13.56	40.27
R10/705	BEDROOM	W21/705	32.76	15.26	17.50	53.42
R10/705	BEDROOM	W22/705	32.80	15.07	17.73	54.05
R11/705	BEDROOM	W23/705	16.15	14.87	1.28	7.93
R11/705	BEDROOM	W24/705	16.02	14.75	1.27	7.93
R1/706	BEDROOM	W1/706	37.43	36.70	0.73	1.95
R1/706	BEDROOM	W2/706	37.42	36.53	0.89	2.38
R2/706	LKD	W3/706	35.43	29.09	6.34	17.89
R2/706	LKD	W4/706	35.38	28.84	6.54	18.49
R2/706	LKD	W5/706	35.47	28.82	6.65	18.75
R2/706	LKD	W6/706	35.38	28.62	6.76	19.11
R3/706	STUDIO	W7/706	34.41	26.70	7.71	22.41
R3/706	STUDIO	W8/706	34.54	26.69	7.85	22.73
R4/706	STUDIO	W9/706	34.75	26.41	8.34	24.00
R4/706	STUDIO	W10/706	34.79	26.26	8.53	24.52
R5/706	STUDIO	W11/706	34.87	25.75	9.12	26.15
R5/706	STUDIO	W12/706	34.87	25.58	9.29	26.64
R6/706	STUDIO	W13/706	29.59	19.96	9.63	32.54

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R6/706	STUDIO	W14/706	31.68	21.91	9.77	30.84
R7/706	STUDIO	W15/706	33.73	23.29	10.44	30.95
R7/706	STUDIO	W16/706	34.00	23.41	10.59	31.15
R8/706	STUDIO	W17/706	34.13	22.91	11.22	32.87
R8/706	STUDIO	W18/706	34.17	22.84	11.33	33.16
R9/706	STUDIO	W19/706	34.21	21.62	12.59	36.80
R9/706	STUDIO	W20/706	34.18	20.77	13.41	39.23
R10/706	BEDROOM	W21/706	33.32	16.02	17.30	51.92
R10/706	BEDROOM	W22/706	33.37	15.83	17.54	52.56
R11/706	BEDROOM	W23/706	16.54	15.28	1.26	7.62
R11/706	BEDROOM	W24/706	16.40	15.16	1.24	7.56
R1/707	BEDROOM	W1/707	37.81	37.11	0.70	1.85
R1/707	BEDROOM	W2/707	37.80	36.94	0.86	2.28
R2/707	LKD	W3/707	35.83	29.91	5.92	16.52
R2/707	LKD	W4/707	35.78	29.68	6.10	17.05
R2/707	LKD	W5/707	35.87	29.65	6.22	17.34
R2/707	LKD	W6/707	35.79	29.46	6.33	17.69
R3/707	STUDIO	W7/707	34.85	27.58	7.27	20.86
R3/707	STUDIO	W8/707	34.99	27.57	7.42	21.21
R4/707	STUDIO	W9/707	35.20	27.29	7.91	22.47
R4/707	STUDIO	W10/707	35.24	27.14	8.10	22.99
R5/707	STUDIO	W11/707	35.33	26.62	8.71	24.65
R5/707	STUDIO	W12/707	35.33	26.43	8.90	25.19
R6/707	STUDIO	W13/707	29.97	20.73	9.24	30.83
R6/707	STUDIO	W14/707	32.11	22.71	9.40	29.27
R7/707	STUDIO	W15/707	34.19	24.09	10.10	29.54
R7/707	STUDIO	W16/707	34.46	24.20	10.26	29.77
R8/707	STUDIO	W17/707	34.61	23.67	10.94	31.61
R8/707	STUDIO	W18/707	34.65	23.58	11.07	31.95
R9/707	STUDIO	W19/707	34.70	22.37	12.33	35.53
R9/707	STUDIO	W20/707	34.67	21.54	13.13	37.87
R10/707	BEDROOM	W21/707	33.87	16.92	16.95	50.04
R10/707	BEDROOM	W22/707	33.92	16.74	17.18	50.65
R11/707	BEDROOM	W23/707	16.92	15.69	1.23	7.27
R11/707	BEDROOM	W24/707	16.79	15.57	1.22	7.27

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R1/708	BEDROOM	W1/708	38.09	37.42	0.67	1.76
R1/708	BEDROOM	W2/708	38.07	37.24	0.83	2.18
R2/708	LKD	W3/708	36.21	30.77	5.44	15.02
R2/708	LKD	W4/708	36.15	30.56	5.59	15.46
R2/708	LKD	W5/708	36.25	30.52	5.73	15.81
R2/708	LKD	W6/708	36.18	30.35	5.83	16.11
R3/708	STUDIO	W7/708	35.32	28.58	6.74	19.08
R3/708	STUDIO	W8/708	35.46	28.57	6.89	19.43
R4/708	STUDIO	W9/708	35.67	28.29	7.38	20.69
R4/708	STUDIO	W10/708	35.70	28.13	7.57	21.20
R5/708	STUDIO	W11/708	35.79	27.59	8.20	22.91
R5/708	STUDIO	W12/708	35.78	27.39	8.39	23.45
R6/708	STUDIO	W13/708	30.35	21.60	8.75	28.83
R6/708	STUDIO	W14/708	32.52	23.61	8.91	27.40
R7/708	STUDIO	W15/708	34.63	24.99	9.64	27.84
R7/708	STUDIO	W16/708	34.90	25.09	9.81	28.11
R8/708	STUDIO	W17/708	35.06	24.55	10.51	29.98
R8/708	STUDIO	W18/708	35.11	24.44	10.67	30.39
R9/708	STUDIO	W19/708	35.18	23.26	11.92	33.88
R9/708	STUDIO	W20/708	35.15	22.44	12.71	36.16
R10/708	BEDROOM	W21/708	34.41	18.02	16.39	47.63
R10/708	BEDROOM	W22/708	34.46	17.86	16.60	48.17
R11/708	BEDROOM	W23/708	17.30	16.10	1.20	6.94
R11/708	BEDROOM	W24/708	17.17	15.98	1.19	6.93
R1/709	BEDROOM	W1/709	38.30	37.66	0.64	1.67
R1/709	BEDROOM	W2/709	38.28	37.48	0.80	2.09
R2/709	LKD	W3/709	36.49	31.65	4.84	13.26
R2/709	LKD	W4/709	36.44	31.46	4.98	13.67
R2/709	LKD	W5/709	36.53	31.42	5.11	13.99
R2/709	LKD	W6/709	36.47	31.26	5.21	14.29
R3/709	STUDIO	W7/709	35.88	29.78	6.10	17.00
R3/709	STUDIO	W8/709	35.98	29.75	6.23	17.32
R4/709	STUDIO	W9/709	36.11	29.40	6.71	18.58
R4/709	STUDIO	W10/709	36.11	29.21	6.90	19.11
R5/709	STUDIO	W11/709	36.18	28.64	7.54	20.84

DAYLIGHT ANALYSIS
BASELINE VS 10A PROPOSED SCHEME + CUMULATIVE

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R5/709	STUDIO	W12/709	36.16	28.42	7.74	21.40
R6/709	STUDIO	W13/709	30.65	22.57	8.08	26.36
R6/709	STUDIO	W14/709	32.86	24.63	8.23	25.05
R7/709	STUDIO	W15/709	35.00	26.01	8.99	25.69
R7/709	STUDIO	W16/709	35.28	26.11	9.17	25.99
R8/709	STUDIO	W17/709	35.46	25.56	9.90	27.92
R8/709	STUDIO	W18/709	35.51	25.44	10.07	28.36
R9/709	STUDIO	W19/709	35.59	24.30	11.29	31.72
R9/709	STUDIO	W20/709	35.56	23.53	12.03	33.83
R10/709	BEDROOM	W21/709	34.89	19.36	15.53	44.51
R10/709	BEDROOM	W22/709	34.95	19.21	15.74	45.04
R11/709	BEDROOM	W23/709	17.68	16.52	1.16	6.56
R11/709	BEDROOM	W24/709	17.55	16.40	1.15	6.55
R1/710	STUDIO	W1/710	36.57	31.18	5.39	14.74
R1/710	STUDIO	W2/710	36.54	31.01	5.53	15.13
R2/710	STUDIO	W3/710	36.52	30.55	5.97	16.35
R2/710	STUDIO	W4/710	36.50	30.35	6.15	16.85
R3/710	STUDIO	W5/710	36.52	29.78	6.74	18.46
R3/710	STUDIO	W6/710	36.49	29.55	6.94	19.02
R4/710	STUDIO	W7/710	30.92	23.66	7.26	23.48
R4/710	STUDIO	W8/710	33.17	25.76	7.41	22.34
R5/710	STUDIO	W9/710	35.34	27.18	8.16	23.09
R5/710	STUDIO	W10/710	35.62	27.28	8.34	23.41
R6/710	STUDIO	W11/710	35.82	26.74	9.08	25.35
R6/710	STUDIO	W12/710	35.87	26.62	9.25	25.79
R7/710	STUDIO	W13/710	35.96	25.54	10.42	28.98
R7/710	STUDIO	W14/710	35.93	24.81	11.12	30.95
R8/710	BEDROOM	W15/710	35.33	20.99	14.34	40.59
R8/710	BEDROOM	W16/710	35.39	20.87	14.52	41.03
R9/710	BEDROOM	W17/710	17.91	16.81	1.10	6.14
R9/710	BEDROOM	W18/710	18.05	16.93	1.12	6.20
R1/711	STUDIO	W1/711	36.81	32.25	4.56	12.39
R1/711	STUDIO	W2/711	36.77	32.09	4.68	12.73
R2/711	STUDIO	W3/711	36.76	31.68	5.08	13.82

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R2/711	STUDIO	W4/711	36.75	31.49	5.26	14.31
R3/711	STUDIO	W5/711	36.77	30.99	5.78	15.72
R3/711	STUDIO	W6/711	36.74	30.78	5.96	16.22
R4/711	STUDIO	W7/711	31.14	24.91	6.23	20.01
R4/711	STUDIO	W8/711	33.44	27.05	6.39	19.11
R5/711	STUDIO	W9/711	35.65	28.55	7.10	19.92
R5/711	STUDIO	W10/711	35.93	28.66	7.27	20.23
R6/711	STUDIO	W11/711	36.14	28.16	7.98	22.08
R6/711	STUDIO	W12/711	36.20	28.03	8.17	22.57
R7/711	STUDIO	W13/711	36.28	27.04	9.24	25.47
R7/711	STUDIO	W14/711	36.26	26.39	9.87	27.22
R8/711	BEDROOM	W15/711	35.72	22.94	12.78	35.78
R8/711	BEDROOM	W16/711	35.77	22.84	12.93	36.15
R9/711	BEDROOM	W17/711	18.20	17.15	1.05	5.77
R9/711	BEDROOM	W18/711	18.34	17.27	1.07	5.83
R1/712	STUDIO	W1/712	37.02	33.35	3.67	9.91
R1/712	STUDIO	W2/712	36.98	33.21	3.77	10.19
R2/712	STUDIO	W3/712	36.97	32.88	4.09	11.06
R2/712	STUDIO	W4/712	36.96	32.71	4.25	11.50
R3/712	STUDIO	W5/712	36.99	32.29	4.70	12.71
R3/712	STUDIO	W6/712	36.97	32.11	4.86	13.15
R4/712	STUDIO	W7/712	31.39	26.33	5.06	16.12
R4/712	STUDIO	W8/712	33.75	28.56	5.19	15.38
R5/712	STUDIO	W9/712	35.99	30.17	5.82	16.17
R5/712	STUDIO	W10/712	36.27	30.29	5.98	16.49
R6/712	STUDIO	W11/712	36.47	29.85	6.62	18.15
R6/712	STUDIO	W12/712	36.52	29.72	6.80	18.62
R7/712	STUDIO	W13/712	36.60	28.84	7.76	21.20
R7/712	STUDIO	W14/712	36.57	28.28	8.29	22.67
R8/712	BEDROOM	W15/712	36.09	25.28	10.81	29.95
R8/712	BEDROOM	W16/712	36.14	25.21	10.93	30.24
R9/712	BEDROOM	W17/712	18.48	17.50	0.98	5.30
R9/712	BEDROOM	W18/712	18.62	17.62	1.00	5.37
R1/713	STUDIO	W1/713	37.22	34.41	2.81	7.55

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R1/713	STUDIO	W2/713	37.17	34.30	2.87	7.72
R2/713	STUDIO	W3/713	37.18	34.06	3.12	8.39
R2/713	STUDIO	W4/713	37.16	33.93	3.23	8.69
R3/713	STUDIO	W5/713	37.21	33.60	3.61	9.70
R3/713	STUDIO	W6/713	37.18	33.45	3.73	10.03
R4/713	STUDIO	W7/713	31.95	28.09	3.86	12.08
R4/713	STUDIO	W8/713	34.41	30.45	3.96	11.51
R5/713	STUDIO	W9/713	36.52	32.05	4.47	12.24
R5/713	STUDIO	W10/713	36.73	32.15	4.58	12.47
R6/713	STUDIO	W11/713	36.82	31.74	5.08	13.80
R6/713	STUDIO	W12/713	36.86	31.61	5.25	14.24
R7/713	STUDIO	W13/713	36.91	30.89	6.02	16.31
R7/713	STUDIO	W14/713	36.88	30.45	6.43	17.43
R8/713	BEDROOM	W15/713	36.44	27.98	8.46	23.22
R8/713	BEDROOM	W16/713	36.50	27.94	8.56	23.45
R9/713	BEDROOM	W17/713	18.75	17.85	0.90	4.80
R9/713	BEDROOM	W18/713	18.89	17.98	0.91	4.82
R1/714	STUDIO	W1/714	36.85	34.13	2.72	7.38
R1/714	STUDIO	W2/714	37.10	34.32	2.78	7.49
R2/714	STUDIO	W3/714	37.24	34.13	3.11	8.35
R2/714	STUDIO	W4/714	37.26	34.11	3.15	8.45
R3/714	STUDIO	W5/714	37.17	33.70	3.47	9.34
R3/714	STUDIO	W6/714	37.19	33.60	3.59	9.65
R4/714	STUDIO	W7/714	37.20	33.08	4.12	11.08
R4/714	STUDIO	W8/714	37.17	32.76	4.41	11.86
R5/714	BEDROOM	W9/714	36.78	30.95	5.83	15.85
R5/714	BEDROOM	W10/714	36.83	30.94	5.89	15.99
R6/714	BEDROOM	W11/714	19.14	18.31	0.83	4.34
R6/714	BEDROOM	W12/714	19.00	18.18	0.82	4.32
R1/715	STUDIO	W1/715	37.47	35.78	1.69	4.51
R1/715	STUDIO	W2/715	37.50	35.79	1.71	4.56
R2/715	STUDIO	W3/715	37.46	35.61	1.85	4.94
R2/715	STUDIO	W4/715	37.48	35.65	1.83	4.88
R3/715	STUDIO	W5/715	37.40	35.55	1.85	4.95

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R3/715	STUDIO	W6/715	37.42	35.50	1.92	5.13
R4/715	STUDIO	W7/715	37.43	35.23	2.20	5.88
R4/715	STUDIO	W8/715	37.40	35.07	2.33	6.23
R5/715	BEDROOM	W9/715	37.10	33.95	3.15	8.49
R5/715	BEDROOM	W10/715	37.15	33.97	3.18	8.56
R6/715	BEDROOM	W11/715	19.38	18.62	0.76	3.92
R6/715	BEDROOM	W12/715	19.24	18.48	0.76	3.95
R1/716	STUDIO	W1/716	37.65	36.74	0.91	2.42
R1/716	STUDIO	W2/716	37.68	36.78	0.90	2.39
R2/716	STUDIO	W3/716	37.66	36.70	0.96	2.55
R2/716	STUDIO	W4/716	37.68	36.76	0.92	2.44
R3/716	STUDIO	W5/716	37.61	36.69	0.92	2.45
R3/716	STUDIO	W6/716	37.63	36.71	0.92	2.44
R4/716	STUDIO	W7/716	37.65	36.70	0.95	2.52
R4/716	STUDIO	W8/716	37.62	36.66	0.96	2.55
R5/716	BEDROOM	W9/716	37.42	36.26	1.16	3.10
R5/716	BEDROOM	W10/716	37.46	36.30	1.16	3.10
R6/716	BEDROOM	W11/716	19.61	18.87	0.74	3.77
R6/716	BEDROOM	W12/716	19.47	18.72	0.75	3.85
Building B, Downing Co-Living						
R1/802	STUDIO	W1/802	11.20	10.36	0.84	7.50
R1/802	STUDIO	W2/802	10.91	9.60	1.31	12.01
R1/802	STUDIO	W3/802	9.57	7.79	1.78	18.60
R1/802	STUDIO	W4/802	18.89	9.84	9.05	47.91
R1/802	STUDIO	W5/802	20.27	10.33	9.94	49.04
R1/802	STUDIO	W6/802	21.38	11.11	10.27	48.04
R1/802	STUDIO	W7/802	22.78	12.40	10.38	45.57
R2/802	BEDROOM	W8/802	24.39	13.80	10.59	43.42
R2/802	BEDROOM	W9/802	24.99	14.33	10.66	42.66
R3/802	LKD	W10/802	25.94	15.27	10.67	41.13
R3/802	LKD	W11/802	26.32	15.72	10.60	40.27
R4/802	STUDIO	W12/802	26.89	16.29	10.60	39.42
R4/802	STUDIO	W13/802	27.16	16.55	10.61	39.06
R5/802	STUDIO	W14/802	27.44	16.92	10.52	38.34
R5/802	STUDIO	W15/802	27.50	17.05	10.45	38.00

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R6/802	STUDIO	W16/802	27.83	17.27	10.56	37.94
R6/802	STUDIO	W17/802	27.91	17.57	10.34	37.05
R7/802	STUDIO	W18/802	27.85	17.51	10.34	37.13
R7/802	STUDIO	W19/802	27.86	17.51	10.35	37.15
R8/802	BEDROOM	W20/802	27.67	17.76	9.91	35.81
R8/802	BEDROOM	W21/802	27.59	17.82	9.77	35.41
R8/802	BEDROOM	W22/802	27.62	18.06	9.56	34.61
R9/802	LKD	W23/802	27.45	18.04	9.41	34.28
R9/802	LKD	W24/802	27.45	18.02	9.43	34.35
R9/802	LKD	W25/802	27.32	18.10	9.22	33.75
R9/802	LKD	W26/802	29.28	27.86	1.42	4.85
R9/802	LKD	W27/802	29.79	28.35	1.44	4.83
R9/802	LKD	W28/802	30.29	28.76	1.53	5.05
R9/802	LKD	W29/802	30.49	29.10	1.39	4.56
R1/803	STUDIO	W1/803	11.79	10.98	0.81	6.87
R1/803	STUDIO	W2/803	11.45	10.18	1.27	11.09
R1/803	STUDIO	W3/803	10.06	8.34	1.72	17.10
R1/803	STUDIO	W4/803	19.31	10.51	8.80	45.57
R1/803	STUDIO	W5/803	20.70	11.05	9.65	46.62
R1/803	STUDIO	W6/803	21.83	11.85	9.98	45.72
R1/803	STUDIO	W7/803	23.25	13.17	10.08	43.35
R2/803	BEDROOM	W8/803	24.91	14.61	10.30	41.35
R2/803	BEDROOM	W9/803	25.51	15.16	10.35	40.57
R3/803	LKD	W10/803	26.50	16.14	10.36	39.09
R3/803	LKD	W11/803	26.88	16.59	10.29	38.28
R4/803	STUDIO	W12/803	27.47	17.19	10.28	37.42
R4/803	STUDIO	W13/803	27.76	17.46	10.30	37.10
R5/803	STUDIO	W14/803	28.07	17.87	10.20	36.34
R5/803	STUDIO	W15/803	28.13	18.01	10.12	35.98
R6/803	STUDIO	W16/803	28.49	18.27	10.22	35.87
R6/803	STUDIO	W17/803	28.57	18.56	10.01	35.04
R7/803	STUDIO	W18/803	28.53	18.53	10.00	35.05
R7/803	STUDIO	W19/803	28.55	18.55	10.00	35.03
R8/803	BEDROOM	W20/803	28.38	18.83	9.55	33.65
R8/803	BEDROOM	W21/803	28.31	18.89	9.42	33.27
R8/803	BEDROOM	W22/803	28.34	19.13	9.21	32.50
R9/803	LKD	W23/803	28.18	19.13	9.05	32.11
R9/803	LKD	W24/803	28.19	19.12	9.07	32.17
R9/803	LKD	W25/803	28.06	19.20	8.86	31.58

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R9/803	LKD	W26/803	29.81	28.41	1.40	4.70
R9/803	LKD	W27/803	30.30	28.88	1.42	4.69
R9/803	LKD	W28/803	30.79	29.27	1.52	4.94
R9/803	LKD	W29/803	30.96	29.58	1.38	4.46
R1/804	STUDIO	W1/804	12.41	11.64	0.77	6.20
R1/804	STUDIO	W2/804	12.03	10.81	1.22	10.14
R1/804	STUDIO	W3/804	10.61	8.95	1.66	15.65
R1/804	STUDIO	W4/804	19.74	11.24	8.50	43.06
R1/804	STUDIO	W5/804	21.15	11.83	9.32	44.07
R1/804	STUDIO	W6/804	22.29	12.65	9.64	43.25
R1/804	STUDIO	W7/804	23.74	14.00	9.74	41.03
R2/804	BEDROOM	W8/804	25.43	15.49	9.94	39.09
R2/804	BEDROOM	W9/804	26.05	16.05	10.00	38.39
R3/804	LKD	W10/804	27.06	17.07	9.99	36.92
R3/804	LKD	W11/804	27.46	17.53	9.93	36.16
R4/804	STUDIO	W12/804	28.06	18.15	9.91	35.32
R4/804	STUDIO	W13/804	28.37	18.45	9.92	34.97
R5/804	STUDIO	W14/804	28.70	18.88	9.82	34.22
R5/804	STUDIO	W15/804	28.78	19.03	9.75	33.88
R6/804	STUDIO	W16/804	29.16	19.33	9.83	33.71
R6/804	STUDIO	W17/804	29.25	19.62	9.63	32.92
R7/804	STUDIO	W18/804	29.22	19.62	9.60	32.85
R7/804	STUDIO	W19/804	29.25	19.66	9.59	32.79
R8/804	BEDROOM	W20/804	29.11	19.97	9.14	31.40
R8/804	BEDROOM	W21/804	29.05	20.03	9.02	31.05
R8/804	BEDROOM	W22/804	29.09	20.28	8.81	30.29
R9/804	LKD	W23/804	28.94	20.29	8.65	29.89
R9/804	LKD	W24/804	28.94	20.29	8.65	29.89
R9/804	LKD	W25/804	28.82	20.37	8.45	29.32
R9/804	LKD	W26/804	30.32	28.94	1.38	4.55
R9/804	LKD	W27/804	30.79	29.38	1.41	4.58
R9/804	LKD	W28/804	31.25	29.76	1.49	4.77
R9/804	LKD	W29/804	31.40	30.04	1.36	4.33
R1/805	STUDIO	W1/805	13.08	12.34	0.74	5.66
R1/805	STUDIO	W2/805	12.66	11.50	1.16	9.16
R1/805	STUDIO	W3/805	11.20	9.62	1.58	14.11
R1/805	STUDIO	W4/805	20.19	12.04	8.15	40.37
R1/805	STUDIO	W5/805	21.61	12.68	8.93	41.32
R1/805	STUDIO	W6/805	22.77	13.53	9.24	40.58
R1/805	STUDIO	W7/805	24.24	14.91	9.33	38.49

DAYLIGHT ANALYSIS
BASELINE VS 10A PROPOSED SCHEME + CUMULATIVE

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R2/805	BEDROOM	W8/805	25.97	16.44	9.53	36.70
R2/805	BEDROOM	W9/805	26.59	17.02	9.57	35.99
R3/805	LKD	W10/805	27.64	18.08	9.56	34.59
R3/805	LKD	W11/805	28.05	18.54	9.51	33.90
R4/805	STUDIO	W12/805	28.67	19.19	9.48	33.07
R4/805	STUDIO	W13/805	28.99	19.51	9.48	32.70
R5/805	STUDIO	W14/805	29.35	19.97	9.38	31.96
R5/805	STUDIO	W15/805	29.44	20.14	9.30	31.59
R6/805	STUDIO	W16/805	29.84	20.48	9.36	31.37
R6/805	STUDIO	W17/805	29.94	20.76	9.18	30.66
R7/805	STUDIO	W18/805	29.93	20.79	9.14	30.54
R7/805	STUDIO	W19/805	29.97	20.85	9.12	30.43
R8/805	BEDROOM	W20/805	29.86	21.19	8.67	29.04
R8/805	BEDROOM	W21/805	29.81	21.25	8.56	28.72
R8/805	BEDROOM	W22/805	29.85	21.49	8.36	28.01
R9/805	LKD	W23/805	29.72	21.52	8.20	27.59
R9/805	LKD	W24/805	29.72	21.52	8.20	27.59
R9/805	LKD	W25/805	29.61	21.62	7.99	26.98
R9/805	LKD	W26/805	30.82	29.48	1.34	4.35
R9/805	LKD	W27/805	31.25	29.89	1.36	4.35
R9/805	LKD	W28/805	31.70	30.26	1.44	4.54
R9/805	LKD	W29/805	31.82	30.50	1.32	4.15
R1/806	STUDIO	W1/806	13.80	13.11	0.69	5.00
R1/806	STUDIO	W2/806	13.33	12.23	1.10	8.25
R1/806	STUDIO	W3/806	11.84	10.34	1.50	12.67
R1/806	STUDIO	W4/806	20.65	12.92	7.73	37.43
R1/806	STUDIO	W5/806	22.08	13.60	8.48	38.41
R1/806	STUDIO	W6/806	23.25	14.49	8.76	37.68
R1/806	STUDIO	W7/806	24.75	15.90	8.85	35.76
R2/806	BEDROOM	W8/806	26.51	17.48	9.03	34.06
R2/806	BEDROOM	W9/806	27.15	18.07	9.08	33.44
R3/806	LKD	W10/806	28.23	19.17	9.06	32.09
R3/806	LKD	W11/806	28.65	19.64	9.01	31.45
R4/806	STUDIO	W12/806	29.28	20.31	8.97	30.64
R4/806	STUDIO	W13/806	29.62	20.65	8.97	30.28
R5/806	STUDIO	W14/806	30.01	21.15	8.86	29.52
R5/806	STUDIO	W15/806	30.11	21.32	8.79	29.19
R6/806	STUDIO	W16/806	30.54	21.70	8.84	28.95

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R6/806	STUDIO	W17/806	30.64	21.97	8.67	28.30
R7/806	STUDIO	W18/806	30.66	22.04	8.62	28.11
R7/806	STUDIO	W19/806	30.71	22.11	8.60	28.00
R8/806	BEDROOM	W20/806	30.63	22.47	8.16	26.64
R8/806	BEDROOM	W21/806	30.58	22.54	8.04	26.29
R8/806	BEDROOM	W22/806	30.63	22.78	7.85	25.63
R9/806	LKD	W23/806	30.51	22.82	7.69	25.20
R9/806	LKD	W24/806	30.52	22.83	7.69	25.20
R9/806	LKD	W25/806	30.43	22.93	7.50	24.65
R9/806	LKD	W26/806	31.33	30.04	1.29	4.12
R9/806	LKD	W27/806	31.73	30.41	1.32	4.16
R9/806	LKD	W28/806	32.16	30.76	1.40	4.35
R9/806	LKD	W29/806	32.25	30.97	1.28	3.97
R1/807	STUDIO	W1/807	14.58	13.93	0.65	4.46
R1/807	STUDIO	W2/807	14.05	13.03	1.02	7.26
R1/807	STUDIO	W3/807	12.52	11.12	1.40	11.18
R1/807	STUDIO	W4/807	21.12	13.87	7.25	34.33
R1/807	STUDIO	W5/807	22.56	14.61	7.95	35.24
R1/807	STUDIO	W6/807	23.75	15.53	8.22	34.61
R1/807	STUDIO	W7/807	25.27	16.97	8.30	32.85
R2/807	BEDROOM	W8/807	27.06	18.59	8.47	31.30
R2/807	BEDROOM	W9/807	27.71	19.21	8.50	30.67
R3/807	LKD	W10/807	28.83	20.34	8.49	29.45
R3/807	LKD	W11/807	29.26	20.82	8.44	28.84
R4/807	STUDIO	W12/807	29.91	21.51	8.40	28.08
R4/807	STUDIO	W13/807	30.27	21.87	8.40	27.75
R5/807	STUDIO	W14/807	30.68	22.40	8.28	26.99
R5/807	STUDIO	W15/807	30.79	22.58	8.21	26.66
R6/807	STUDIO	W16/807	31.24	22.99	8.25	26.41
R6/807	STUDIO	W17/807	31.35	23.26	8.09	25.81
R7/807	STUDIO	W18/807	31.39	23.36	8.03	25.58
R7/807	STUDIO	W19/807	31.45	23.44	8.01	25.47
R8/807	BEDROOM	W20/807	31.41	23.83	7.58	24.13
R8/807	BEDROOM	W21/807	31.36	23.90	7.46	23.79
R8/807	BEDROOM	W22/807	31.42	24.13	7.29	23.20
R9/807	LKD	W23/807	31.31	24.19	7.12	22.74
R9/807	LKD	W24/807	31.33	24.20	7.13	22.76
R9/807	LKD	W25/807	31.24	24.30	6.94	22.22
R9/807	LKD	W26/807	31.85	30.60	1.25	3.92

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R9/807	LKD	W27/807	32.21	30.94	1.27	3.94
R9/807	LKD	W28/807	32.62	31.28	1.34	4.11
R9/807	LKD	W29/807	32.67	31.45	1.22	3.73
R1/808	STUDIO	W1/808	15.40	14.81	0.59	3.83
R1/808	STUDIO	W2/808	14.83	13.88	0.95	6.41
R1/808	STUDIO	W3/808	13.26	11.97	1.29	9.73
R1/808	STUDIO	W4/808	21.60	14.89	6.71	31.06
R1/808	STUDIO	W5/808	23.04	15.70	7.34	31.86
R1/808	STUDIO	W6/808	24.25	16.66	7.59	31.30
R1/808	STUDIO	W7/808	25.80	18.12	7.68	29.77
R2/808	BEDROOM	W8/808	27.63	19.80	7.83	28.34
R2/808	BEDROOM	W9/808	28.29	20.44	7.85	27.75
R3/808	LKD	W10/808	29.44	21.60	7.84	26.63
R3/808	LKD	W11/808	29.88	22.09	7.79	26.07
R4/808	STUDIO	W12/808	30.54	22.80	7.74	25.34
R4/808	STUDIO	W13/808	30.91	23.17	7.74	25.04
R5/808	STUDIO	W14/808	31.35	23.73	7.62	24.31
R5/808	STUDIO	W15/808	31.48	23.92	7.56	24.02
R6/808	STUDIO	W16/808	31.95	24.37	7.58	23.72
R6/808	STUDIO	W17/808	32.06	24.62	7.44	23.21
R7/808	STUDIO	W18/808	32.13	24.75	7.38	22.97
R7/808	STUDIO	W19/808	32.20	24.85	7.35	22.83
R8/808	BEDROOM	W20/808	32.19	25.25	6.94	21.56
R8/808	BEDROOM	W21/808	32.16	25.33	6.83	21.24
R8/808	BEDROOM	W22/808	32.21	25.54	6.67	20.71
R9/808	LKD	W23/808	32.13	25.62	6.51	20.26
R9/808	LKD	W24/808	32.14	25.63	6.51	20.26
R9/808	LKD	W25/808	32.06	25.74	6.32	19.71
R9/808	LKD	W26/808	32.38	31.18	1.20	3.71
R9/808	LKD	W27/808	32.70	31.48	1.22	3.73
R9/808	LKD	W28/808	33.09	31.80	1.29	3.90
R9/808	LKD	W29/808	33.10	31.93	1.17	3.53
R1/809	STUDIO	W1/809	16.29	15.75	0.54	3.31
R1/809	STUDIO	W2/809	15.66	14.80	0.86	5.49
R1/809	STUDIO	W3/809	14.05	12.89	1.16	8.26
R1/809	STUDIO	W4/809	22.07	16.00	6.07	27.50
R1/809	STUDIO	W5/809	23.52	16.87	6.65	28.27
R1/809	STUDIO	W6/809	24.75	17.87	6.88	27.80
R1/809	STUDIO	W7/809	26.33	19.37	6.96	26.43
R2/809	BEDROOM	W8/809	28.18	21.09	7.09	25.16

DAYLIGHT ANALYSIS
BASELINE VS 10A PROPOSED SCHEME + CUMULATIVE

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R2/809	BEDROOM	W9/809	28.86	21.75	7.11	24.64
R3/809	LKD	W10/809	30.04	22.95	7.09	23.60
R3/809	LKD	W11/809	30.49	23.44	7.05	23.12
R4/809	STUDIO	W12/809	31.17	24.17	7.00	22.46
R4/809	STUDIO	W13/809	31.56	24.56	7.00	22.18
R5/809	STUDIO	W14/809	32.02	25.13	6.89	21.52
R5/809	STUDIO	W15/809	32.15	25.33	6.82	21.21
R6/809	STUDIO	W16/809	32.65	25.81	6.84	20.95
R6/809	STUDIO	W17/809	32.77	26.05	6.72	20.51
R7/809	STUDIO	W18/809	32.86	26.21	6.65	20.24
R7/809	STUDIO	W19/809	32.95	26.32	6.63	20.12
R8/809	BEDROOM	W20/809	32.98	26.74	6.24	18.92
R8/809	BEDROOM	W21/809	32.95	26.81	6.14	18.63
R8/809	BEDROOM	W22/809	33.00	27.01	5.99	18.15
R9/809	LKD	W23/809	32.94	27.10	5.84	17.73
R9/809	LKD	W24/809	32.96	27.11	5.85	17.75
R9/809	LKD	W25/809	32.89	27.22	5.67	17.24
R9/809	LKD	W26/809	32.91	31.77	1.14	3.46
R9/809	LKD	W27/809	33.20	32.02	1.18	3.55
R9/809	LKD	W28/809	33.55	32.32	1.23	3.67
R9/809	LKD	W29/809	33.54	32.41	1.13	3.37
R1/810	STUDIO	W1/810	17.22	16.75	0.47	2.73
R1/810	STUDIO	W2/810	16.53	15.79	0.74	4.48
R1/810	STUDIO	W3/810	14.90	13.87	1.03	6.91
R1/810	STUDIO	W4/810	22.53	17.19	5.34	23.70
R1/810	STUDIO	W5/810	23.98	18.13	5.85	24.40
R1/810	STUDIO	W6/810	25.22	19.18	6.04	23.95
R1/810	STUDIO	W7/810	26.83	20.70	6.13	22.85
R2/810	BEDROOM	W8/810	28.71	22.48	6.23	21.70
R2/810	BEDROOM	W9/810	29.40	23.15	6.25	21.26
R3/810	LKD	W10/810	30.61	24.38	6.23	20.35
R3/810	LKD	W11/810	31.07	24.87	6.20	19.95
R4/810	STUDIO	W12/810	31.76	25.62	6.14	19.33
R4/810	STUDIO	W13/810	32.16	26.02	6.14	19.09
R5/810	STUDIO	W14/810	32.64	26.61	6.03	18.47
R5/810	STUDIO	W15/810	32.79	26.81	5.98	18.24
R6/810	STUDIO	W16/810	33.31	27.31	6.00	18.01
R6/810	STUDIO	W17/810	33.43	27.54	5.89	17.62

DAYLIGHT ANALYSIS
BASELINE VS 10A PROPOSED SCHEME + CUMULATIVE

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R7/810	STUDIO	W18/810	33.55	27.72	5.83	17.38
R7/810	STUDIO	W19/810	33.65	27.84	5.81	17.27
R8/810	BEDROOM	W20/810	33.72	28.26	5.46	16.19
R8/810	BEDROOM	W21/810	33.70	28.34	5.36	15.91
R8/810	BEDROOM	W22/810	33.75	28.52	5.23	15.50
R9/810	LKD	W23/810	33.72	28.62	5.10	15.12
R9/810	LKD	W24/810	33.74	28.63	5.11	15.15
R9/810	LKD	W25/810	33.68	28.73	4.95	14.70
R9/810	LKD	W26/810	33.45	32.36	1.09	3.26
R9/810	LKD	W27/810	33.70	32.57	1.13	3.35
R9/810	LKD	W28/810	34.02	32.84	1.18	3.47
R9/810	LKD	W29/810	33.98	32.90	1.08	3.18
R1/811	STUDIO	W1/811	18.22	17.82	0.40	2.20
R1/811	STUDIO	W2/811	17.47	16.84	0.63	3.61
R1/811	STUDIO	W3/811	15.80	14.93	0.87	5.51
R1/811	STUDIO	W4/811	22.98	18.43	4.55	19.80
R1/811	STUDIO	W5/811	24.42	19.44	4.98	20.39
R1/811	STUDIO	W6/811	25.69	20.54	5.15	20.05
R1/811	STUDIO	W7/811	27.33	22.10	5.23	19.14
R2/811	BEDROOM	W8/811	29.24	23.92	5.32	18.19
R2/811	BEDROOM	W9/811	29.93	24.61	5.32	17.77
R3/811	LKD	W10/811	31.17	25.86	5.31	17.04
R3/811	LKD	W11/811	31.64	26.37	5.27	16.66
R4/811	STUDIO	W12/811	32.34	27.12	5.22	16.14
R4/811	STUDIO	W13/811	32.75	27.53	5.22	15.94
R5/811	STUDIO	W14/811	33.26	28.14	5.12	15.39
R5/811	STUDIO	W15/811	33.42	28.35	5.07	15.17
R6/811	STUDIO	W16/811	33.95	28.86	5.09	14.99
R6/811	STUDIO	W17/811	34.08	29.08	5.00	14.67
R7/811	STUDIO	W18/811	34.23	29.27	4.96	14.49
R7/811	STUDIO	W19/811	34.34	29.39	4.95	14.41
R8/811	BEDROOM	W20/811	34.44	29.82	4.62	13.41
R8/811	BEDROOM	W21/811	34.43	29.89	4.54	13.19
R8/811	BEDROOM	W22/811	34.49	30.05	4.44	12.87
R9/811	LKD	W23/811	34.48	30.15	4.33	12.56
R9/811	LKD	W24/811	34.50	30.17	4.33	12.55
R9/811	LKD	W25/811	34.46	30.26	4.20	12.19
R9/811	LKD	W26/811	33.99	32.94	1.05	3.09
R9/811	LKD	W27/811	34.19	33.11	1.08	3.16

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R9/811	LKD	W28/811	34.49	33.36	1.13	3.28
R9/811	LKD	W29/811	34.41	33.38	1.03	2.99
R1/812	STUDIO	W1/812	19.30	18.97	0.33	1.71
R1/812	STUDIO	W2/812	18.49	17.97	0.52	2.81
R1/812	STUDIO	W3/812	16.79	16.08	0.71	4.23
R1/812	STUDIO	W4/812	23.45	19.73	3.72	15.86
R1/812	STUDIO	W5/812	24.89	20.82	4.07	16.35
R1/812	STUDIO	W6/812	26.17	21.95	4.22	16.13
R1/812	STUDIO	W7/812	27.82	23.54	4.28	15.38
R2/812	BEDROOM	W8/812	29.75	25.40	4.35	14.62
R2/812	BEDROOM	W9/812	30.43	26.09	4.34	14.26
R3/812	LKD	W10/812	31.69	27.36	4.33	13.66
R3/812	LKD	W11/812	32.17	27.87	4.30	13.37
R4/812	STUDIO	W12/812	32.87	28.63	4.24	12.90
R4/812	STUDIO	W13/812	33.29	29.05	4.24	12.74
R5/812	STUDIO	W14/812	33.82	29.65	4.17	12.33
R5/812	STUDIO	W15/812	33.99	29.87	4.12	12.12
R6/812	STUDIO	W16/812	34.54	30.39	4.15	12.02
R6/812	STUDIO	W17/812	34.67	30.59	4.08	11.77
R7/812	STUDIO	W18/812	34.84	30.80	4.04	11.60
R7/812	STUDIO	W19/812	34.96	30.92	4.04	11.56
R8/812	BEDROOM	W20/812	35.12	31.35	3.77	10.73
R8/812	BEDROOM	W21/812	35.11	31.41	3.70	10.54
R8/812	BEDROOM	W22/812	35.17	31.55	3.62	10.29
R9/812	LKD	W23/812	35.19	31.65	3.54	10.06
R9/812	LKD	W24/812	35.21	31.68	3.53	10.03
R9/812	LKD	W25/812	35.19	31.76	3.43	9.75
R9/812	LKD	W26/812	34.50	33.49	1.01	2.93
R9/812	LKD	W27/812	34.66	33.61	1.05	3.03
R9/812	LKD	W28/812	34.93	33.84	1.09	3.12
R9/812	LKD	W29/812	34.82	33.82	1.00	2.87
R1/813	STUDIO	W1/813	20.46	20.21	0.25	1.22
R1/813	STUDIO	W2/813	19.59	19.19	0.40	2.04
R1/813	STUDIO	W3/813	17.86	17.31	0.55	3.08
R1/813	STUDIO	W4/813	23.98	21.12	2.86	11.93
R1/813	STUDIO	W5/813	25.41	22.27	3.14	12.36
R1/813	STUDIO	W6/813	26.70	23.45	3.25	12.17
R1/813	STUDIO	W7/813	28.35	25.05	3.30	11.64
R2/813	BEDROOM	W8/813	30.28	26.92	3.36	11.10
R2/813	BEDROOM	W9/813	30.95	27.61	3.34	10.79

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R3/813	LKD	W10/813	32.22	28.89	3.33	10.34
R3/813	LKD	W11/813	32.71	29.41	3.30	10.09
R4/813	STUDIO	W12/813	33.40	30.15	3.25	9.73
R4/813	STUDIO	W13/813	33.82	30.56	3.26	9.64
R5/813	STUDIO	W14/813	34.36	31.17	3.19	9.28
R5/813	STUDIO	W15/813	34.55	31.38	3.17	9.18
R6/813	STUDIO	W16/813	35.08	31.88	3.20	9.12
R6/813	STUDIO	W17/813	35.21	32.07	3.14	8.92
R7/813	STUDIO	W18/813	35.41	32.28	3.13	8.84
R7/813	STUDIO	W19/813	35.54	32.39	3.15	8.86
R8/813	BEDROOM	W20/813	35.72	32.80	2.92	8.17
R8/813	BEDROOM	W21/813	35.72	32.86	2.86	8.01
R8/813	BEDROOM	W22/813	35.78	32.97	2.81	7.85
R9/813	LKD	W23/813	35.81	33.05	2.76	7.71
R9/813	LKD	W24/813	35.84	33.09	2.75	7.67
R9/813	LKD	W25/813	35.83	33.16	2.67	7.45
R9/813	LKD	W26/813	34.97	33.98	0.99	2.83
R9/813	LKD	W27/813	35.08	34.05	1.03	2.94
R9/813	LKD	W28/813	35.33	34.27	1.06	3.00
R9/813	LKD	W29/813	35.19	34.22	0.97	2.76
R1/814	STUDIO	W1/814	21.72	21.54	0.18	0.83
R1/814	STUDIO	W2/814	20.79	20.50	0.29	1.39
R1/814	STUDIO	W3/814	19.04	18.65	0.39	2.05
R1/814	STUDIO	W4/814	24.59	22.57	2.02	8.21
R1/814	STUDIO	W5/814	26.01	23.79	2.22	8.54
R1/814	STUDIO	W6/814	27.31	25.00	2.31	8.46
R1/814	STUDIO	W7/814	28.96	26.62	2.34	8.08
R2/814	BEDROOM	W8/814	30.87	28.49	2.38	7.71
R2/814	BEDROOM	W9/814	31.51	29.16	2.35	7.46
R3/814	LKD	W10/814	32.77	30.44	2.33	7.11
R3/814	LKD	W11/814	33.26	30.95	2.31	6.95
R4/814	STUDIO	W12/814	33.94	31.67	2.27	6.69
R4/814	STUDIO	W13/814	34.35	32.06	2.29	6.67
R5/814	STUDIO	W14/814	34.91	32.66	2.25	6.45
R5/814	STUDIO	W15/814	35.10	32.87	2.23	6.35
R6/814	STUDIO	W16/814	35.62	33.35	2.27	6.37
R6/814	STUDIO	W17/814	35.75	33.52	2.23	6.24

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R7/814	STUDIO	W18/814	35.97	33.73	2.24	6.23
R7/814	STUDIO	W19/814	36.10	33.83	2.27	6.29
R8/814	BEDROOM	W20/814	36.31	34.22	2.09	5.76
R8/814	BEDROOM	W21/814	36.32	34.27	2.05	5.64
R8/814	BEDROOM	W22/814	36.36	34.35	2.01	5.53
R9/814	LKD	W23/814	36.40	34.40	2.00	5.49
R9/814	LKD	W24/814	36.45	34.46	1.99	5.46
R9/814	LKD	W25/814	36.44	34.51	1.93	5.30
R9/814	LKD	W26/814	35.41	34.46	0.95	2.68
R9/814	LKD	W27/814	35.49	34.49	1.00	2.82
R9/814	LKD	W28/814	35.72	34.70	1.02	2.86
R9/814	LKD	W29/814	35.55	34.61	0.94	2.64
R1/815	STUDIO	W1/815	23.09	22.97	0.12	0.52
R1/815	STUDIO	W2/815	22.11	21.92	0.19	0.86
R1/815	STUDIO	W3/815	20.36	20.10	0.26	1.28
R1/815	STUDIO	W4/815	25.32	24.07	1.25	4.94
R1/815	STUDIO	W5/815	26.73	25.35	1.38	5.16
R1/815	STUDIO	W6/815	28.02	26.59	1.43	5.10
R1/815	STUDIO	W7/815	29.65	28.20	1.45	4.89
R2/815	BEDROOM	W8/815	31.53	30.06	1.47	4.66
R2/815	BEDROOM	W9/815	32.14	30.69	1.45	4.51
R3/815	LKD	W10/815	33.36	31.92	1.44	4.32
R3/815	LKD	W11/815	33.83	32.40	1.43	4.23
R4/815	STUDIO	W12/815	34.49	33.08	1.41	4.09
R4/815	STUDIO	W13/815	34.87	33.46	1.41	4.04
R5/815	STUDIO	W14/815	35.42	34.04	1.38	3.90
R5/815	STUDIO	W15/815	35.61	34.24	1.37	3.85
R6/815	STUDIO	W16/815	36.11	34.69	1.42	3.93
R6/815	STUDIO	W17/815	36.24	34.85	1.39	3.84
R7/815	STUDIO	W18/815	36.46	35.04	1.42	3.89
R7/815	STUDIO	W19/815	36.59	35.11	1.48	4.04
R8/815	BEDROOM	W20/815	36.82	35.46	1.36	3.69
R8/815	BEDROOM	W21/815	36.82	35.49	1.33	3.61
R8/815	BEDROOM	W22/815	36.86	35.54	1.32	3.58
R9/815	LKD	W23/815	36.91	35.57	1.34	3.63
R9/815	LKD	W24/815	36.97	35.62	1.35	3.65
R9/815	LKD	W25/815	36.97	35.66	1.31	3.54
R9/815	LKD	W26/815	35.81	34.89	0.92	2.57
R9/815	LKD	W27/815	35.85	34.88	0.97	2.71
R9/815	LKD	W28/815	36.07	35.07	1.00	2.77

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R9/815	LKD	W29/815	35.87	34.96	0.91	2.54
R1/816	STUDIO	W1/816	24.61	24.54	0.07	0.28
R1/816	STUDIO	W2/816	23.60	23.49	0.11	0.47
R1/816	STUDIO	W3/816	21.86	21.70	0.16	0.73
R1/816	STUDIO	W4/816	26.24	25.57	0.67	2.55
R1/816	STUDIO	W5/816	27.62	26.90	0.72	2.61
R1/816	STUDIO	W6/816	28.89	28.14	0.75	2.60
R1/816	STUDIO	W7/816	30.48	29.72	0.76	2.49
R2/816	BEDROOM	W8/816	32.28	31.49	0.79	2.45
R2/816	BEDROOM	W9/816	32.86	32.06	0.80	2.43
R3/816	LKD	W10/816	34.02	33.21	0.81	2.38
R3/816	LKD	W11/816	34.47	33.67	0.80	2.32
R4/816	STUDIO	W12/816	35.08	34.27	0.81	2.31
R4/816	STUDIO	W13/816	35.42	34.63	0.79	2.23
R5/816	STUDIO	W14/816	35.94	35.13	0.81	2.25
R5/816	STUDIO	W15/816	36.12	35.31	0.81	2.24
R6/816	STUDIO	W16/816	36.57	35.70	0.87	2.38
R6/816	STUDIO	W17/816	36.70	35.84	0.86	2.34
R7/816	STUDIO	W18/816	36.92	36.02	0.90	2.44
R7/816	STUDIO	W19/816	37.04	36.06	0.98	2.65
R8/816	BEDROOM	W20/816	37.27	36.35	0.92	2.47
R8/816	BEDROOM	W21/816	37.28	36.37	0.91	2.44
R8/816	BEDROOM	W22/816	37.31	36.41	0.90	2.41
R9/816	LKD	W23/816	37.35	36.43	0.92	2.46
R9/816	LKD	W24/816	37.43	36.49	0.94	2.51
R9/816	LKD	W25/816	37.44	36.52	0.92	2.46
R9/816	LKD	W26/816	36.16	35.20	0.96	2.65
R9/816	LKD	W27/816	36.17	35.17	1.00	2.76
R9/816	LKD	W28/816	36.38	35.37	1.01	2.78
R9/816	LKD	W29/816	36.16	35.23	0.93	2.57
City South Apartments						
R1/300	BEDROOM	W1/300	31.00	18.88	12.12	39.10
R1/300	BEDROOM	W2/300	31.80	19.73	12.07	37.96
R1/300	BEDROOM	W3/300	23.62	23.53	0.09	0.38
R2/300	BEDROOM	W4/300	20.40	20.33	0.07	0.34
R3/300	LKD	W5/300	12.60	12.53	0.07	0.56
R4/300	LKD	W6/300	10.91	10.85	0.06	0.55

DAYLIGHT ANALYSIS
BASELINE VS 10A PROPOSED SCHEME + CUMULATIVE

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R5/300	LKD	W7/300	7.33	7.27	0.06	0.82
R6/300	BEDROOM	W8/300	16.85	16.80	0.05	0.30
R7/300	BEDROOM	W9/300	17.99	17.94	0.05	0.28
R8/300	BEDROOM	W10/300	20.01	19.96	0.05	0.25
R9/300	BEDROOM	W11/300	21.64	21.58	0.06	0.28
R10/300	LKD	W12/300	20.58	20.54	0.04	0.19
R11/300	LKD	W13/300	21.08	21.03	0.05	0.24
R12/300	BEDROOM	W14/300	23.91	23.87	0.04	0.17
R13/300	BEDROOM	W15/300	24.07	24.04	0.03	0.12
R14/300	BEDROOM	W16/300	25.64	25.60	0.04	0.16
R15/300	BEDROOM	W17/300	25.04	25.00	0.04	0.16
R16/300	LKD	W18/300	21.80	21.76	0.04	0.18
R17/300	BEDROOM	W19/300	23.03	23.01	0.02	0.09
R18/300	BEDROOM	W20/300	23.14	23.13	0.01	0.04
R19/300	LKD	W21/300	18.81	18.80	0.01	0.05
R20/300	LKD	W22/300	20.00	19.85	0.15	0.75
R21/300	BEDROOM	W23/300	26.38	25.98	0.40	1.52
R21/300	BEDROOM	W24/300	28.90	9.57	19.33	66.89
R21/300	BEDROOM	W25/300	28.97	7.75	21.22	73.25
R22/300	BEDROOM	W26/300	28.92	6.73	22.19	76.73
R22/300	BEDROOM	W27/300	28.89	5.93	22.96	79.47
R23/300	BEDROOM	W28/300	22.82	1.63	21.19	92.86
R24/300	BEDROOM	W29/300	29.12	4.92	24.20	83.10
R25/300	BEDROOM	W30/300	29.31	4.60	24.71	84.31
R26/300	LKD	W31/300	29.05	3.97	25.08	86.33
R27/300	LKD	W32/300	5.66	5.66	0.00	0.00
R27/300	LKD	W33/300	11.71	11.41	0.30	2.56

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R28/300	BEDROOM	W34/300	12.83	12.42	0.41	3.20
R29/300	BEDROOM	W35/300	13.22	12.73	0.49	3.71
R30/300	BEDROOM	W36/300	7.05	6.67	0.38	5.39
R31/300	LKD	W37/300	14.80	14.32	0.48	3.24
R32/300	BEDROOM	W38/300	15.01	14.57	0.44	2.93
R33/300	BEDROOM	W39/300	6.71	6.41	0.30	4.47
R34/300	BEDROOM	W40/300	6.96	6.79	0.17	2.44
R35/300	BEDROOM	W41/300	15.90	15.83	0.07	0.44
R36/300	LKD	W42/300	16.41	16.39	0.02	0.12
R37/300	BEDROOM	W43/300	15.63	15.63	0.00	0.00
R38/300	BEDROOM	W44/300	15.23	15.23	0.00	0.00
R39/300	LKD	W45/300	16.64	16.39	0.25	1.50
R39/300	LKD	W46/300	11.59	11.59	0.00	0.00
R39/300	LKD	W47/300	2.87	2.87	0.00	0.00
R1/301	BEDROOM	W1/301	32.74	20.04	12.70	38.79
R1/301	BEDROOM	W2/301	33.45	20.76	12.69	37.94
R1/301	BEDROOM	W3/301	24.50	24.41	0.09	0.37
R2/301	BEDROOM	W4/301	21.48	21.41	0.07	0.33
R3/301	LKD	W5/301	13.46	13.39	0.07	0.52
R4/301	LKD	W6/301	12.12	12.06	0.06	0.50
R5/301	BEDROOM	W7/301	18.32	18.27	0.05	0.27
R6/301	BEDROOM	W8/301	15.76	15.76	0.00	0.00
R7/301	BEDROOM	W9/301	12.58	12.58	0.00	0.00
R8/301	LKD	W10/301	14.68	14.62	0.06	0.41
R9/301	BEDROOM	W11/301	19.07	19.01	0.06	0.31
R10/301	BEDROOM	W12/301	20.25	20.20	0.05	0.25
R11/301	BEDROOM	W13/301	22.41	22.36	0.05	0.22
R12/301	BEDROOM	W14/301	23.67	23.61	0.06	0.25

DAYLIGHT ANALYSIS
BASELINE VS 10A PROPOSED SCHEME + CUMULATIVE

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R13/301	LKD	W15/301	17.14	17.09	0.05	0.29
R14/301	LKD	W16/301	16.93	16.93	0.00	0.00
R15/301	BEDROOM	W17/301	25.69	25.64	0.05	0.19
R16/301	BEDROOM	W18/301	25.68	25.63	0.05	0.19
R17/301	BEDROOM	W19/301	26.54	26.49	0.05	0.19
R18/301	BEDROOM	W20/301	26.00	25.95	0.05	0.19
R19/301	LKD	W21/301	22.61	22.56	0.05	0.22
R20/301	BEDROOM	W22/301	23.77	23.75	0.02	0.08
R21/301	BEDROOM	W23/301	23.97	23.95	0.02	0.08
R22/301	LKD	W24/301	19.76	19.74	0.02	0.10
R23/301	LKD	W25/301	21.00	20.83	0.17	0.81
R24/301	BEDROOM	W26/301	27.17	26.75	0.42	1.55
R24/301	BEDROOM	W27/301	29.85	9.97	19.88	66.60
R24/301	BEDROOM	W28/301	29.98	8.25	21.73	72.48
R25/301	BEDROOM	W29/301	29.93	7.22	22.71	75.88
R25/301	BEDROOM	W30/301	29.88	6.41	23.47	78.55
R26/301	BEDROOM	W31/301	23.66	1.65	22.01	93.03
R27/301	BEDROOM	W32/301	30.18	5.38	24.80	82.17
R28/301	BEDROOM	W33/301	30.41	5.08	25.33	83.29
R29/301	LKD	W34/301	30.17	4.43	25.74	85.32
R30/301	LKD	W35/301	6.83	6.83	0.00	0.00
R30/301	LKD	W36/301	14.55	14.17	0.38	2.61
R31/301	BEDROOM	W37/301	16.18	15.74	0.44	2.72
R32/301	BEDROOM	W38/301	16.82	16.32	0.50	2.97
R33/301	BEDROOM	W39/301	10.58	10.18	0.40	3.78
R34/301	LKD	W40/301	18.48	17.88	0.60	3.25
R35/301	BEDROOM	W41/301	18.57	18.00	0.57	3.07

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R36/301	BEDROOM	W42/301	9.94	9.49	0.45	4.53
R37/301	BEDROOM	W43/301	10.23	9.91	0.32	3.13
R38/301	BEDROOM	W44/301	19.13	18.94	0.19	0.99
R39/301	LKD	W45/301	19.56	19.51	0.05	0.26
R40/301	BEDROOM	W46/301	18.36	18.36	0.00	0.00
R41/301	BEDROOM	W47/301	17.87	17.87	0.00	0.00
R42/301	LKD	W48/301	19.50	19.11	0.39	2.00
R42/301	LKD	W49/301	13.98	13.98	0.00	0.00
R42/301	LKD	W50/301	3.72	3.72	0.00	0.00
R1/302	BEDROOM	W1/302	33.02	20.83	12.19	36.92
R1/302	BEDROOM	W2/302	33.76	21.47	12.29	36.40
R1/302	BEDROOM	W3/302	25.37	25.31	0.06	0.24
R2/302	BEDROOM	W4/302	22.51	22.46	0.05	0.22
R3/302	LKD	W5/302	14.59	14.53	0.06	0.41
R4/302	LKD	W6/302	13.64	13.59	0.05	0.37
R5/302	BEDROOM	W7/302	20.30	20.24	0.06	0.30
R6/302	BEDROOM	W8/302	18.01	18.01	0.00	0.00
R7/302	BEDROOM	W9/302	14.35	14.35	0.00	0.00
R8/302	LKD	W10/302	20.63	20.57	0.06	0.29
R9/302	BEDROOM	W11/302	21.74	21.68	0.06	0.28
R10/302	BEDROOM	W12/302	22.42	22.36	0.06	0.27
R11/302	BEDROOM	W13/302	24.04	23.99	0.05	0.21
R12/302	BEDROOM	W14/302	25.02	24.96	0.06	0.24
R13/302	LKD	W15/302	16.98	16.93	0.05	0.29
R14/302	LKD	W16/302	16.78	16.78	0.00	0.00
R15/302	BEDROOM	W17/302	26.49	26.45	0.04	0.15
R16/302	BEDROOM	W18/302	26.43	26.37	0.06	0.23
R17/302	BEDROOM	W19/302	27.21	27.16	0.05	0.18

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R18/302	BEDROOM	W20/302	27.42	27.36	0.06	0.22
R19/302	LKD	W21/302	27.63	27.57	0.06	0.22
R20/302	BEDROOM	W22/302	24.65	24.55	0.10	0.41
R21/302	BEDROOM	W23/302	25.34	25.32	0.02	0.08
R22/302	LKD	W24/302	20.69	20.67	0.02	0.10
R23/302	LKD	W25/302	21.87	21.69	0.18	0.82
R24/302	BEDROOM	W26/302	28.15	27.74	0.41	1.46
R24/302	BEDROOM	W27/302	30.64	10.52	20.12	65.67
R24/302	BEDROOM	W28/302	30.77	8.75	22.02	71.56
R25/302	BEDROOM	W29/302	30.73	7.72	23.01	74.88
R25/302	BEDROOM	W30/302	30.69	6.90	23.79	77.52
R26/302	BEDROOM	W31/302	24.23	1.69	22.54	93.03
R27/302	BEDROOM	W32/302	31.00	5.91	25.09	80.94
R28/302	BEDROOM	W33/302	31.21	5.58	25.63	82.12
R29/302	LKD	W34/302	30.96	4.91	26.05	84.14
R30/302	LKD	W35/302	7.92	7.92	0.00	0.00
R30/302	LKD	W36/302	17.78	17.28	0.50	2.81
R31/302	BEDROOM	W37/302	19.84	19.31	0.53	2.67
R32/302	BEDROOM	W38/302	20.56	20.05	0.51	2.48
R33/302	BEDROOM	W39/302	14.29	13.89	0.40	2.80
R34/302	LKD	W40/302	22.74	22.05	0.69	3.03
R35/302	BEDROOM	W41/302	22.73	22.07	0.66	2.90
R36/302	BEDROOM	W42/302	13.52	12.94	0.58	4.29
R37/302	BEDROOM	W43/302	13.88	13.39	0.49	3.53
R38/302	BEDROOM	W44/302	22.83	22.42	0.41	1.80
R39/302	LKD	W45/302	23.01	22.79	0.22	0.96
R40/302	BEDROOM	W46/302	21.29	21.29	0.00	0.00

DAYLIGHT ANALYSIS
BASELINE VS 10A PROPOSED SCHEME + CUMULATIVE

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R41/302	BEDROOM	W47/302	20.59	20.59	0.00	0.00
R42/302	LKD	W48/302	22.62	21.96	0.66	2.92
R42/302	LKD	W49/302	16.72	16.72	0.00	0.00
R42/302	LKD	W50/302	4.99	4.99	0.00	0.00
R43/302	LKD	W51/302	8.70	8.70	0.00	0.00
R44/302		W52/302	7.30	7.30	0.00	0.00
R44/302		W53/302	5.40	5.40	0.00	0.00
R1/303	BEDROOM	W1/303	33.13	21.04	12.09	36.49
R1/303	BEDROOM	W2/303	33.92	21.67	12.25	36.11
R1/303	BEDROOM	W3/303	26.31	26.26	0.05	0.19
R2/303	BEDROOM	W4/303	23.85	23.80	0.05	0.21
R3/303	LKD	W5/303	15.80	15.74	0.06	0.38
R4/303	LKD	W6/303	15.22	15.16	0.06	0.39
R5/303	BEDROOM	W7/303	22.40	22.34	0.06	0.27
R6/303	BEDROOM	W8/303	20.69	20.67	0.02	0.10
R7/303	BEDROOM	W9/303	20.80	20.80	0.00	0.00
R8/303	LKD	W10/303	17.27	16.76	0.51	2.95
R8/303	LKD	W11/303	18.49	18.43	0.06	0.32
R9/303	BEDROOM	W12/303	19.85	19.79	0.06	0.30
R10/303	BEDROOM	W13/303	20.01	20.01	0.00	0.00
R11/303	BEDROOM	W14/303	22.75	22.69	0.06	0.26
R12/303	BEDROOM	W15/303	23.70	23.65	0.05	0.21
R13/303	LKD	W16/303	19.91	19.85	0.06	0.30
R14/303	LKD	W17/303	20.22	20.22	0.00	0.00
R15/303	BEDROOM	W18/303	24.99	24.93	0.06	0.24
R16/303	BEDROOM	W19/303	23.10	23.10	0.00	0.00
R17/303	BEDROOM	W20/303	24.30	24.25	0.05	0.21
R18/303	BEDROOM	W21/303	27.01	26.97	0.04	0.15
R19/303	LKD	W22/303	27.08	27.04	0.04	0.15

DAYLIGHT ANALYSIS
BASELINE VS 10A PROPOSED SCHEME + CUMULATIVE

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R19/303	LKD	W23/303	27.78	19.86	7.92	28.51
R20/303	BEDROOM	W24/303	24.88	24.73	0.15	0.60
R21/303	BEDROOM	W25/303	27.96	27.78	0.18	0.64
R22/303	LKD	W26/303	28.98	28.77	0.21	0.72
R23/303	LKD	W27/303	29.43	29.12	0.31	1.05
R23/303	LKD	W28/303	29.83	29.43	0.40	1.34
R24/303	BEDROOM	W29/303	29.94	29.41	0.53	1.77
R24/303	BEDROOM	W30/303	28.44	8.70	19.74	69.41
R24/303	BEDROOM	W31/303	22.99	9.54	13.45	58.50
R25/303	BEDROOM	W32/303	27.45	4.18	23.27	84.77
R26/303	BEDROOM	W33/303	29.71	5.57	24.14	81.25
R27/303	BEDROOM	W34/303	31.87	6.61	25.26	79.26
R28/303	BEDROOM	W35/303	31.93	6.14	25.79	80.77
R29/303	LKD	W36/303	31.67	5.46	26.21	82.76
R30/303	LKD	W37/303	9.32	9.32	0.00	0.00
R30/303	LKD	W38/303	21.38	20.77	0.61	2.85
R31/303	BEDROOM	W39/303	23.67	23.06	0.61	2.58
R32/303	BEDROOM	W40/303	24.47	23.90	0.57	2.33
R33/303	BEDROOM	W41/303	18.89	18.52	0.37	1.96
R34/303	LKD	W42/303	26.80	26.06	0.74	2.76
R35/303	BEDROOM	W43/303	26.67	25.94	0.73	2.74
R36/303	BEDROOM	W44/303	18.06	17.40	0.66	3.65
R37/303	BEDROOM	W45/303	18.58	17.95	0.63	3.39
R38/303	BEDROOM	W46/303	26.68	26.03	0.65	2.44
R39/303	LKD	W47/303	26.53	26.07	0.46	1.73
R40/303	BEDROOM	W48/303	24.17	24.05	0.12	0.50
R41/303	BEDROOM	W49/303	23.13	23.13	0.00	0.00
R42/303	LKD	W50/303	26.09	24.87	1.22	4.68

DAYLIGHT ANALYSIS
BASELINE VS 10A PROPOSED SCHEME + CUMULATIVE

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R42/303	LKD	W51/303	19.80	19.80	0.00	0.00
R42/303	LKD	W52/303	6.94	6.94	0.00	0.00
R43/303	LKD	W53/303	10.82	10.82	0.00	0.00
R44/303		W54/303	8.79	8.79	0.00	0.00
R44/303		W55/303	7.51	7.35	0.16	2.13
R1/304	BEDROOM	W1/304	26.55	18.28	8.27	31.15
R1/304	BEDROOM	W2/304	24.70	24.65	0.05	0.20
R1/304	BEDROOM	W3/304	22.63	22.63	0.00	0.00
R2/304	BEDROOM	W4/304	23.04	22.99	0.05	0.22
R3/304	LKD	W5/304	22.51	22.46	0.05	0.22
R4/304	LKD	W6/304	22.40	22.35	0.05	0.22
R5/304	BEDROOM	W7/304	20.98	20.92	0.06	0.29
R6/304	BEDROOM	W8/304	18.98	18.92	0.06	0.32
R6/304	BEDROOM	W9/304	22.71	22.65	0.06	0.26
R7/304	BEDROOM	W10/304	24.57	24.51	0.06	0.24
R8/304		W11/304	29.04	28.95	0.09	0.31
R9/304		W12/304	29.62	29.52	0.10	0.34
R10/304		W13/304	30.24	30.12	0.12	0.40
R11/304		W14/304	30.15	30.00	0.15	0.50
R12/304		W15/304	30.10	29.92	0.18	0.60
R13/304		W16/304	30.01	29.78	0.23	0.77
R14/304	BEDROOM	W17/304	29.83	29.03	0.80	2.68
R15/304	LKD	W18/304	29.57	27.77	1.80	6.09
R16/304	BEDROOM	W19/304	32.20	7.65	24.55	76.24
R17/304	BEDROOM	W20/304	31.18	5.97	25.21	80.85
R18/304	BEDROOM	W21/304	24.78	5.48	19.30	77.89
R19/304	LKD	W22/304	6.54	6.50	0.04	0.61
R19/304	LKD	W23/304	20.56	19.95	0.61	2.97
R20/304	BEDROOM	W24/304	22.34	21.70	0.64	2.86

DAYLIGHT ANALYSIS
BASELINE VS 10A PROPOSED SCHEME + CUMULATIVE

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R21/304	BEDROOM	W25/304	22.97	22.45	0.52	2.26
R22/304	BEDROOM	W26/304	18.38	18.38	0.00	0.00
R23/304	LKD	W27/304	11.52	11.52	0.00	0.00
R23/304	LKD	W28/304	30.16	29.35	0.81	2.69
R24/304	LKD	W29/304	29.88	29.05	0.83	2.78
R25/304	BEDROOM	W30/304	29.52	28.68	0.84	2.85
R26/304	BEDROOM	W31/304	29.56	28.74	0.82	2.77
R27/304	LKD	W32/304	28.00	27.24	0.76	2.71
R28/304	LKD	W33/304	27.79	27.14	0.65	2.34
R29/304	BEDROOM	W34/304	26.71	26.38	0.33	1.24
R30/304	BEDROOM	W35/304	25.42	25.38	0.04	0.16
R31/304	LKD	W36/304	30.55	27.52	3.03	9.92
R31/304	LKD	W37/304	23.01	23.01	0.00	0.00
R31/304	LKD	W38/304	10.12	10.12	0.00	0.00
R32/304	LKD	W39/304	14.82	14.81	0.01	0.07
R33/304		W40/304	11.33	11.32	0.01	0.09
R33/304		W41/304	11.21	10.71	0.50	4.46
R1/305		W1/305	29.83	29.68	0.15	0.50
R2/305		W2/305	30.01	29.89	0.12	0.40
R3/305		W3/305	29.94	29.82	0.12	0.40
R6/305	BEDROOM	W6/305	28.24	19.99	8.25	29.21
R6/305	BEDROOM	W7/305	31.34	29.72	1.62	5.17
R7/305	LKD	W8/305	31.32	28.99	2.33	7.44
R8/305	LKD	W9/305	31.63	28.32	3.31	10.46
R8/305	LKD	W10/305	30.93	27.63	3.30	10.67
R8/305	LKD	W11/305	32.15	7.18	24.97	77.67
R8/305	LKD	W12/305	32.06	7.32	24.74	77.17
R9/305	BEDROOM	W13/305	33.09	7.13	25.96	78.45
R10/305		W14/305	20.41	20.17	0.24	1.18

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R11/305		W15/305	17.52	17.50	0.02	0.11
R12/305		W16/305	15.77	14.73	1.04	6.59
R1/306	LKD	W1/306	27.93	19.02	8.91	31.90
R1/306	LKD	W2/306	30.95	29.90	1.05	3.39
R2/306	BEDROOM	W3/306	32.28	29.58	2.70	8.36
R3/306	LKD	W4/306	30.67	26.66	4.01	13.07
R3/306	LKD	W5/306	32.98	7.58	25.40	77.02
R4/306		W6/306	29.72	28.91	0.81	2.73
R5/306		W7/306	17.25	17.22	0.03	0.17
R6/306		W8/306	17.41	15.88	1.53	8.79
R1/307		W1/307	32.62	31.35	1.27	3.89
R2/307		W2/307	26.11	26.08	0.03	0.11
R3/307		W3/307	18.87	16.87	2.00	10.60
Macintosh Mills						
R1/9	LKD	W1/9	26.93	24.84	2.09	7.76
R2/9	BEDROOM	W2/9	26.98	24.71	2.27	8.41
R3/9	BEDROOM	W3/9	26.97	24.58	2.39	8.86
R4/9	LKD	W4/9	27.00	24.48	2.52	9.33
R4/9	LKD	W5/9	11.82	11.82	0.00	0.00
R4/9	LKD	W6/9	11.84	11.84	0.00	0.00
R5/9	BEDROOM	W7/9	13.93	12.60	1.33	9.55
R6/9	STUDIO	W8/9	12.43	12.32	0.11	0.88
R6/9	STUDIO	W9/9	12.14	12.14	0.00	0.00
R7/9	BEDROOM	W10/9	11.14	11.14	0.00	0.00
R7/9	BEDROOM	W11/9	10.89	10.89	0.00	0.00
R8/9	BEDROOM	W12/9	8.54	8.54	0.00	0.00
R10/9	BEDROOM	W14/9	4.75	4.75	0.00	0.00
R11/9	BEDROOM	W15/9	0.40	0.40	0.00	0.00
R12/9	BEDROOM	W16/9	4.27	4.27	0.00	0.00

DAYLIGHT ANALYSIS
BASELINE VS 10A PROPOSED SCHEME + CUMULATIVE

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R13/9	BEDROOM	W17/9	4.34	4.34	0.00	0.00
R13/9	BEDROOM	W18/9	5.53	5.52	0.01	0.18
R1/10	LKD	W1/10	15.13	14.65	0.48	3.17
R1/10	LKD	W2/10	29.43	27.13	2.30	7.82
R2/10	BEDROOM	W3/10	29.44	26.96	2.48	8.42
R3/10	BEDROOM	W4/10	29.37	26.78	2.59	8.82
R4/10	LKD	W5/10	29.36	26.64	2.72	9.26
R4/10	LKD	W6/10	24.62	14.71	9.91	40.25
R4/10	LKD	W7/10	24.48	14.49	9.99	40.81
R5/10	BEDROOM	W8/10	24.37	14.33	10.04	41.20
R6/10	BEDROOM	W9/10	24.04	14.10	9.94	41.35
R8/10	LKD	W11/10	23.63	13.78	9.85	41.68
R8/10	LKD	W12/10	23.45	13.53	9.92	42.30
R9/10	BEDROOM	W13/10	23.21	13.35	9.86	42.48
R10/10	LKD	W14/10	22.76	13.14	9.62	42.27
R10/10	LKD	W15/10	22.56	13.19	9.37	41.53
R12/10	BEDROOM	W18/10	22.00	13.74	8.26	37.55
R13/10	BEDROOM	W19/10	21.41	13.79	7.62	35.59
R13/10	BEDROOM	W20/10	23.88	23.86	0.02	0.08
R13/10	BEDROOM	W21/10	24.35	24.32	0.03	0.12
R1/11	LKD	W1/11	16.41	15.87	0.54	3.29
R1/11	LKD	W2/11	30.90	28.44	2.46	7.96
R2/11	BEDROOM	W3/11	30.87	28.24	2.63	8.52
R3/11	BEDROOM	W4/11	30.78	28.04	2.74	8.90
R4/11	LKD	W5/11	30.75	27.88	2.87	9.33
R4/11	LKD	W6/11	25.31	15.66	9.65	38.13
R4/11	LKD	W7/11	25.18	15.44	9.74	38.68
R5/11	BEDROOM	W8/11	25.07	15.29	9.78	39.01
R6/11	BEDROOM	W9/11	24.71	15.04	9.67	39.13
R8/11	LKD	W11/11	24.32	14.73	9.59	39.43
R8/11	LKD	W12/11	24.17	14.49	9.68	40.05

DAYLIGHT ANALYSIS
BASELINE VS 10A PROPOSED SCHEME + CUMULATIVE

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R9/11	BEDROOM	W13/11	23.92	14.30	9.62	40.22
R10/11	LKD	W14/11	23.47	14.08	9.39	40.01
R10/11	LKD	W15/11	23.26	14.11	9.15	39.34
R12/11	BEDROOM	W17/11	22.71	14.66	8.05	35.45
R13/11	BEDROOM	W18/11	22.12	14.69	7.43	33.59
R13/11	BEDROOM	W19/11	24.76	24.73	0.03	0.12
R13/11	BEDROOM	W20/11	25.25	25.22	0.03	0.12
R1/12	LKD	W1/12	17.78	17.20	0.58	3.26
R1/12	LKD	W2/12	31.89	29.38	2.51	7.87
R2/12	BEDROOM	W3/12	31.88	29.20	2.68	8.41
R3/12	BEDROOM	W4/12	31.83	29.06	2.77	8.70
R4/12	LKD	W5/12	31.72	28.86	2.86	9.02
R4/12	LKD	W6/12	25.98	16.64	9.34	35.95
R4/12	LKD	W7/12	25.88	16.41	9.47	36.59
R5/12	BEDROOM	W8/12	25.74	16.25	9.49	36.87
R6/12	BEDROOM	W9/12	25.38	16.00	9.38	36.96
R8/12	LKD	W11/12	24.99	15.69	9.30	37.21
R8/12	LKD	W12/12	24.85	15.46	9.39	37.79
R9/12	BEDROOM	W13/12	24.61	15.27	9.34	37.95
R10/12	LKD	W14/12	24.16	15.05	9.11	37.71
R10/12	LKD	W15/12	23.96	15.07	8.89	37.10
R12/12	BEDROOM	W17/12	23.39	15.57	7.82	33.43
R13/12	BEDROOM	W18/12	22.83	15.61	7.22	31.63
R13/12	BEDROOM	W19/12	25.61	25.58	0.03	0.12
R13/12	BEDROOM	W20/12	26.12	26.10	0.02	0.08
R1/13	LKD	W1/13	20.19	19.40	0.79	3.91
R1/13	LKD	W2/13	32.57	30.08	2.49	7.65
R2/13	BEDROOM	W3/13	32.56	29.96	2.60	7.99
R3/13	BEDROOM	W4/13	32.54	29.86	2.68	8.24
R4/13	LKD	W5/13	32.45	29.66	2.79	8.60
R4/13	LKD	W6/13	26.62	17.60	9.02	33.88
R4/13	LKD	W7/13	26.52	17.39	9.13	34.43

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R5/13	BEDROOM	W8/13	26.38	17.22	9.16	34.72
R6/13	BEDROOM	W9/13	26.00	16.97	9.03	34.73
R8/13	LKD	W11/13	25.62	16.66	8.96	34.97
R8/13	LKD	W12/13	25.46	16.40	9.06	35.59
R9/13	BEDROOM	W13/13	25.25	16.26	8.99	35.60
R10/13	LKD	W14/13	24.80	16.03	8.77	35.36
R10/13	LKD	W15/13	24.62	16.06	8.56	34.77
R12/13	BEDROOM	W17/13	24.10	16.57	7.53	31.24
R13/13	BEDROOM	W18/13	23.51	16.56	6.95	29.56
R13/13	BEDROOM	W19/13	26.45	26.43	0.02	0.08
R13/13	BEDROOM	W20/13	26.97	26.95	0.02	0.07
R1/14	LKD	W1/14	29.46	28.16	1.30	4.41
R1/14	LKD	W2/14	33.19	30.79	2.40	7.23
R2/14	BEDROOM	W3/14	33.21	30.70	2.51	7.56
R3/14	BEDROOM	W4/14	33.23	30.64	2.59	7.79
R4/14	LKD	W5/14	33.15	30.46	2.69	8.11
R4/14	LKD	W6/14	27.29	18.69	8.60	31.51
R4/14	LKD	W7/14	27.18	18.47	8.71	32.05
R5/14	BEDROOM	W8/14	27.04	18.30	8.74	32.32
R6/14	BEDROOM	W9/14	26.64	18.04	8.60	32.28
R8/14	LKD	W11/14	26.27	17.74	8.53	32.47
R8/14	LKD	W12/14	26.12	17.50	8.62	33.00
R9/14	BEDROOM	W13/14	25.91	17.35	8.56	33.04
R10/14	LKD	W14/14	25.49	17.13	8.36	32.80
R10/14	LKD	W15/14	25.33	17.16	8.17	32.25
R12/14	BEDROOM	W17/14	24.83	17.66	7.17	28.88
R13/14	BEDROOM	W18/14	24.28	17.67	6.61	27.22
R13/14	BEDROOM	W19/14	27.37	27.34	0.03	0.11
R13/14	BEDROOM	W20/14	27.87	27.85	0.02	0.07
R1/280		W1/280	16.99	16.01	0.98	5.77
R1/281		W1/281	17.55	16.63	0.92	5.24

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R2/281		W2/281	22.73	21.27	1.46	6.42
R3/281		W3/281	24.59	22.69	1.90	7.73
R1/282		W1/282	19.21	18.13	1.08	5.62
R2/282		W2/282	25.07	23.47	1.60	6.38
R3/282		W3/282	27.05	25.04	2.01	7.43
R17/9		W25/9	10.32	10.32	0.00	0.00
R17/9		W26/9	11.08	11.08	0.00	0.00
R17/9		W27/9	12.16	12.16	0.00	0.00
R17/9		W28/9	13.18	13.18	0.00	0.00
R17/9		W29/9	11.90	11.49	0.41	3.45
R16/10		W26/10	12.19	12.00	0.19	1.56
R16/10		W27/10	14.75	14.51	0.24	1.63
R16/11		W25/11	14.00	13.40	0.60	4.29
R16/11		W26/11	17.40	16.58	0.82	4.71
R16/11		W27/11	15.36	14.81	0.55	3.58
R16/12		W25/12	17.52	16.38	1.14	6.51
R16/12		W26/12	20.28	18.85	1.43	7.05
R16/12		W27/12	29.14	29.10	0.04	0.14
Chorlton Mill						
R1/239	BEDROOM	W1/239	11.06	10.86	0.20	1.81
R1/239	BEDROOM	W2/239	1.76	1.42	0.34	19.32
R3/239		W4/239	23.41	23.19	0.22	0.94
R3/239		W5/239	23.06	23.06	0.00	0.00
R3/239		W6/239	23.37	23.37	0.00	0.00
R3/239		W7/239	23.70	23.67	0.03	0.13
R3/239		W8/239	24.00	23.92	0.08	0.33
R3/239		W9/239	24.61	24.40	0.21	0.85
R4/239		W10/239	23.40	23.25	0.15	0.64
R4/239		W11/239	23.56	23.45	0.11	0.47
R4/239		W12/239	23.84	23.72	0.12	0.50
R4/239		W13/239	24.12	23.98	0.14	0.58
R4/239		W14/239	24.66	24.47	0.19	0.77
R4/239		W15/239	23.71	23.43	0.28	1.18
R5/239		W16/239	23.56	23.19	0.37	1.57
R5/239		W17/239	22.98	22.52	0.46	2.00
R5/239		W18/239	23.14	22.67	0.47	2.03
R5/239		W19/239	23.47	23.00	0.47	2.00

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R5/239		W20/239	23.78	23.31	0.47	1.98
R5/239		W21/239	24.38	23.91	0.47	1.93
R6/239		W22/239	22.93	22.45	0.48	2.09
R6/239		W23/239	22.24	21.72	0.52	2.34
R6/239		W24/239	22.44	21.92	0.52	2.32
R6/239		W25/239	22.74	22.22	0.52	2.29
R6/239		W26/239	23.03	22.51	0.52	2.26
R6/239		W27/239	23.56	23.03	0.53	2.25
R7/239		W28/239	22.33	21.82	0.51	2.28
R7/239		W29/239	21.65	21.15	0.50	2.31
R7/239		W30/239	21.68	21.18	0.50	2.31
R7/239		W31/239	21.99	21.48	0.51	2.32
R7/239		W32/239	22.29	21.78	0.51	2.29
R7/239		W33/239	22.75	22.25	0.50	2.20
R8/239		W34/239	20.47	20.00	0.47	2.30
R8/239		W35/239	20.97	20.49	0.48	2.29
R8/239		W36/239	21.43	20.96	0.47	2.19
R8/239		W37/239	21.83	21.35	0.48	2.20
R8/239		W38/239	22.51	22.04	0.47	2.09
R8/239		W39/239	17.96	17.49	0.47	2.62
R1/240	STUDIO	W1/240	13.92	12.48	1.44	10.34
R1/240	STUDIO	W2/240	15.44	13.97	1.47	9.52
R1/240	STUDIO	W3/240	2.71	1.80	0.91	33.58
R3/240	LKD	W6/240	25.54	24.81	0.73	2.86
R3/240	LKD	W7/240	26.45	25.90	0.55	2.08
R4/240	BEDROOM	W8/240	26.51	26.10	0.41	1.55
R5/240	BEDROOM	W9/240	26.44	26.13	0.31	1.17
R6/240	BEDROOM	W10/240	26.37	26.01	0.36	1.37
R7/240	LKD	W11/240	26.31	25.84	0.47	1.79
R7/240	LKD	W12/240	26.10	25.61	0.49	1.88
R8/240	LKD	W13/240	25.69	25.16	0.53	2.06
R8/240	LKD	W14/240	25.31	24.80	0.51	2.02
R9/240	BEDROOM	W15/240	24.71	24.20	0.51	2.06
R10/240	BEDROOM	W16/240	24.32	23.85	0.47	1.93
R11/240	LKD	W17/240	23.34	22.87	0.47	2.01
R11/240	LKD	W18/240	22.30	21.88	0.42	1.88
R1/241	LKD	W1/241	14.62	13.06	1.56	10.67

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R1/241	LKD	W2/241	7.84	5.94	1.90	24.23
R1/241	LKD	W3/241	0.29	0.21	0.08	27.59
R1/241	LKD	W4/241	4.67	3.63	1.04	22.27
R3/241	BEDROOM	W6/241	28.34	27.20	1.14	4.02
R4/241	BEDROOM	W7/241	28.65	27.57	1.08	3.77
R5/241	LKD	W8/241	28.60	27.73	0.87	3.04
R5/241	LKD	W9/241	28.55	27.70	0.85	2.98
R6/241	LKD	W10/241	28.57	27.66	0.91	3.19
R6/241	LKD	W11/241	28.50	27.57	0.93	3.26
R7/241	BEDROOM	W12/241	28.19	27.27	0.92	3.26
R8/241	BEDROOM	W13/241	27.79	26.99	0.80	2.88
R9/241	BEDROOM	W14/241	27.11	26.47	0.64	2.36
R10/241	LKD	W15/241	26.49	26.03	0.46	1.74
R10/241	LKD	W16/241	25.66	25.20	0.46	1.79
R11/241	LKD	W17/241	24.57	24.16	0.41	1.67
R11/241	LKD	W18/241	23.32	22.74	0.58	2.49
R12/241	BEDROOM	W19/241	21.14	20.29	0.85	4.02
R1/242	LKD	W1/242	15.16	13.54	1.62	10.69
R1/242	LKD	W2/242	8.20	6.22	1.98	24.15
R1/242	LKD	W3/242	1.40	1.04	0.36	25.71
R1/242	LKD	W4/242	5.16	4.01	1.15	22.29
R3/242	BEDROOM	W6/242	29.64	28.00	1.64	5.53
R4/242	BEDROOM	W7/242	30.10	28.49	1.61	5.35
R5/242	LKD	W8/242	30.30	28.71	1.59	5.25
R5/242	LKD	W9/242	30.19	28.61	1.58	5.23
R6/242	LKD	W10/242	30.15	28.63	1.52	5.04
R6/242	LKD	W11/242	30.12	28.74	1.38	4.58
R7/242	BEDROOM	W12/242	29.89	28.65	1.24	4.15
R8/242	BEDROOM	W13/242	29.64	28.56	1.08	3.64
R9/242	BEDROOM	W14/242	29.07	28.25	0.82	2.82
R10/242	LKD	W15/242	28.50	28.02	0.48	1.68
R10/242	LKD	W16/242	27.74	27.27	0.47	1.69

DAYLIGHT ANALYSIS
BASELINE VS 10A PROPOSED SCHEME + CUMULATIVE

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R11/242	LKD	W17/242	26.95	26.53	0.42	1.56
R11/242	LKD	W18/242	25.66	25.08	0.58	2.26
R12/242	BEDROOM	W19/242	23.35	22.47	0.88	3.77
R1/243	LKD	W1/243	15.72	14.04	1.68	10.69
R1/243	LKD	W2/243	9.67	7.61	2.06	21.30
R1/243	LKD	W3/243	1.99	1.54	0.45	22.61
R1/243	LKD	W4/243	6.66	5.43	1.23	18.47
R3/243	BEDROOM	W6/243	30.46	28.65	1.81	5.94
R4/243	BEDROOM	W7/243	30.91	29.09	1.82	5.89
R5/243	LKD	W8/243	31.18	29.35	1.83	5.87
R5/243	LKD	W9/243	31.27	29.36	1.91	6.11
R6/243	LKD	W10/243	31.20	29.36	1.84	5.90
R6/243	LKD	W11/243	31.20	29.56	1.64	5.26
R7/243	BEDROOM	W12/243	31.07	29.64	1.43	4.60
R8/243	BEDROOM	W13/243	31.00	29.64	1.36	4.39
R9/243	BEDROOM	W14/243	30.62	29.42	1.20	3.92
R10/243	LKD	W15/243	30.23	29.32	0.91	3.01
R10/243	LKD	W16/243	29.59	28.75	0.84	2.84
R11/243	LKD	W17/243	28.98	28.10	0.88	3.04
R11/243	LKD	W18/243	27.86	26.90	0.96	3.45
R12/243	BEDROOM	W19/243	25.53	24.29	1.24	4.86
R1/244	LKD	W1/244	16.24	14.56	1.68	10.34
R1/244	LKD	W2/244	9.84	8.14	1.70	17.28
R1/244	LKD	W3/244	2.01	1.51	0.50	24.88
R1/244	LKD	W4/244	7.03	6.04	0.99	14.08
R3/244	BEDROOM	W6/244	31.15	29.33	1.82	5.84
R4/244	BEDROOM	W7/244	31.54	29.65	1.89	5.99
R5/244	LKD	W8/244	31.82	29.91	1.91	6.00
R5/244	LKD	W9/244	31.99	29.96	2.03	6.35
R6/244	LKD	W10/244	32.00	30.01	1.99	6.22
R6/244	LKD	W11/244	32.14	30.23	1.91	5.94
R7/244	BEDROOM	W12/244	32.08	30.26	1.82	5.67

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R8/244	BEDROOM	W13/244	32.07	30.28	1.79	5.58
R9/244	BEDROOM	W14/244	31.73	30.19	1.54	4.85
R10/244	LKD	W15/244	31.56	30.25	1.31	4.15
R10/244	LKD	W16/244	31.23	29.90	1.33	4.26
R11/244	LKD	W17/244	30.86	29.48	1.38	4.47
R11/244	LKD	W18/244	30.10	28.73	1.37	4.55
R12/244	BEDROOM	W19/244	28.16	26.75	1.41	5.01
R1/245		W1/245	16.57	15.01	1.56	9.41
R1/245		W2/245	20.11	18.07	2.04	10.14
R1/245		W3/245	10.69	9.76	0.93	8.70
R1/245		W4/245	19.57	18.03	1.54	7.87
R3/245	BEDROOM	W6/245	31.63	29.80	1.83	5.79
R4/245	BEDROOM	W7/245	32.00	30.10	1.90	5.94
R5/245	LKD	W8/245	32.29	30.35	1.94	6.01
R5/245	LKD	W9/245	32.54	30.45	2.09	6.42
R6/245	LKD	W10/245	32.60	30.53	2.07	6.35
R6/245	LKD	W11/245	32.76	30.71	2.05	6.26
R7/245	BEDROOM	W12/245	32.76	30.74	2.02	6.17
R8/245	BEDROOM	W13/245	32.79	30.79	2.00	6.10
R9/245	BEDROOM	W14/245	32.49	30.76	1.73	5.32
R10/245	LKD	W15/245	32.45	30.88	1.57	4.84
R10/245	LKD	W16/245	32.38	30.74	1.64	5.06
R11/245	LKD	W17/245	32.16	30.55	1.61	5.01
R11/245	LKD	W18/245	31.96	30.43	1.53	4.79
R12/245	BEDROOM	W19/245	31.06	29.59	1.47	4.73
R1/250		W1/250	15.89	14.42	1.47	9.25
R1/250		W5/250	25.40	24.52	0.88	3.46
R2/250		W2/250	17.64	16.25	1.39	7.88
R2/250		W3/250	24.56	23.66	0.90	3.66
R2/250		W4/250	25.93	25.00	0.93	3.59
R1/251	BEDROOM	W1/251	17.25	15.81	1.44	8.35
R1/251	BEDROOM	W2/251	19.78	18.42	1.36	6.88

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R1/251	BEDROOM	W3/251	28.86	27.81	1.05	3.64
R2/251	BEDROOM	W4/251	29.19	28.04	1.15	3.94
R3/251	LKD	W5/251	28.90	27.88	1.02	3.53
R3/251	LKD	W6/251	29.22	28.39	0.83	2.84
R3/251	LKD	W7/251	16.39	16.39	0.00	0.00
R3/251	LKD	W8/251	13.04	13.04	0.00	0.00
R1/252	BEDROOM	W1/252	18.79	17.31	1.48	7.88
R1/252	BEDROOM	W2/252	22.44	21.06	1.38	6.15
R1/252	BEDROOM	W3/252	30.52	29.33	1.19	3.90
R2/252	BEDROOM	W4/252	30.64	29.43	1.21	3.95
R3/252	LKD	W5/252	30.15	29.12	1.03	3.42
R3/252	LKD	W6/252	30.30	29.47	0.83	2.74
R3/252	LKD	W7/252	17.79	17.79	0.00	0.00
R3/252	LKD	W8/252	14.52	14.52	0.00	0.00
R1/253	BEDROOM	W1/253	21.32	19.86	1.46	6.85
R1/253	BEDROOM	W2/253	25.96	24.59	1.37	5.28
R1/253	BEDROOM	W3/253	31.68	30.45	1.23	3.88
R2/253	BEDROOM	W4/253	31.66	30.43	1.23	3.89
R3/253	LKD	W5/253	31.15	30.10	1.05	3.37
R3/253	LKD	W6/253	31.18	30.33	0.85	2.73
R3/253	LKD	W7/253	19.68	19.68	0.00	0.00
R3/253	LKD	W8/253	16.58	16.58	0.00	0.00
R1/254	BEDROOM	W1/254	26.26	24.81	1.45	5.52
R1/254	BEDROOM	W2/254	29.64	28.29	1.35	4.55
R1/254	BEDROOM	W3/254	32.33	31.06	1.27	3.93
R2/254	BEDROOM	W4/254	32.31	31.05	1.26	3.90
R3/254	LKD	W5/254	31.80	30.74	1.06	3.33
R3/254	LKD	W6/254	31.73	30.89	0.84	2.65
R3/254	LKD	W7/254	21.86	21.86	0.00	0.00
R3/254	LKD	W8/254	19.05	19.05	0.00	0.00
R1/255		W1/255	31.33	29.95	1.38	4.40
R1/255		W2/255	33.00	31.77	1.23	3.73
R2/255		W3/255	32.24	31.13	1.11	3.44
R2/255		W4/255	23.28	23.27	0.01	0.04
5 Cambridge Street (Cambridge Mill)						
R1/29		W1/29	26.50	25.93	0.57	2.15

DAYLIGHT ANALYSIS
BASELINE VS 10A PROPOSED SCHEME + CUMULATIVE

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R2/29		W2/29	26.78	26.26	0.52	1.94
R3/29		W3/29	26.72	26.25	0.47	1.76
R4/29		W4/29	26.54	26.10	0.44	1.66
R5/29		W5/29	26.41	26.00	0.41	1.55
R6/29		W6/29	25.83	25.42	0.41	1.59
R7/29		W7/29	23.23	22.85	0.38	1.64
R8/29		W8/29	21.61	21.59	0.02	0.09
R9/29		W9/29	22.51	22.51	0.00	0.00
R10/29		W10/29	21.62	21.62	0.00	0.00
R10/29		W11/29	16.74	16.74	0.00	0.00
R10/29		W12/29	16.74	16.74	0.00	0.00
R1/30		W1/30	27.28	26.72	0.56	2.05
R2/30		W2/30	27.59	27.07	0.52	1.88
R3/30		W3/30	27.54	27.08	0.46	1.67
R4/30		W4/30	27.38	26.94	0.44	1.61
R5/30		W5/30	27.27	26.86	0.41	1.50
R6/30		W6/30	26.71	26.29	0.42	1.57
R7/30		W7/30	23.97	23.58	0.39	1.63
R8/30		W8/30	25.14	24.86	0.28	1.11
R9/30		W9/30	26.43	26.17	0.26	0.98
R10/30		W10/30	26.42	26.10	0.32	1.21
R10/30		W11/30	28.59	28.59	0.00	0.00
R10/30		W12/30	28.65	28.65	0.00	0.00
R1/31		W1/31	24.71	24.14	0.57	2.31
R2/31		W2/31	28.06	27.50	0.56	2.00
R3/31		W3/31	28.40	27.85	0.55	1.94
R4/31		W4/31	28.37	27.88	0.49	1.73

DAYLIGHT ANALYSIS
BASELINE VS 10A PROPOSED SCHEME + CUMULATIVE

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R5/31		W5/31	28.15	27.69	0.46	1.63
R6/31		W6/31	28.13	27.70	0.43	1.53
R7/31		W7/31	27.58	27.15	0.43	1.56
R8/31		W8/31	24.70	24.30	0.40	1.62
R9/31		W9/31	23.88	23.63	0.25	1.05
R10/31		W10/31	27.25	26.97	0.28	1.03
R11/31		W11/31	27.55	27.25	0.30	1.09
R12/31		W12/31	27.50	27.21	0.29	1.05
R13/31		W13/31	27.53	27.21	0.32	1.16
R13/31		W14/31	29.94	29.94	0.00	0.00
R13/31		W15/31	29.98	29.98	0.00	0.00
R1/32		W1/32	25.41	24.84	0.57	2.24
R2/32		W2/32	28.82	28.27	0.55	1.91
R3/32		W3/32	29.19	28.64	0.55	1.88
R4/32		W4/32	29.18	28.68	0.50	1.71
R5/32		W5/32	28.98	28.51	0.47	1.62
R6/32		W6/32	28.99	28.55	0.44	1.52
R7/32		W7/32	28.44	28.01	0.43	1.51
R8/32		W8/32	25.41	25.01	0.40	1.57
R9/32		W9/32	24.78	24.53	0.25	1.01
R10/32		W10/32	28.23	27.96	0.27	0.96
R11/32		W11/32	28.58	28.29	0.29	1.01
R12/32		W12/32	28.58	28.30	0.28	0.98
R13/32		W13/32	28.66	28.34	0.32	1.12
R13/32		W14/32	31.33	31.33	0.00	0.00
R13/32		W15/32	31.35	31.35	0.00	0.00
R1/33		W1/33	26.05	25.49	0.56	2.15
R2/33		W2/33	29.53	28.99	0.54	1.83

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R3/33		W3/33	29.93	29.38	0.55	1.84
R4/33		W4/33	29.93	29.44	0.49	1.64
R5/33		W5/33	29.76	29.29	0.47	1.58
R6/33		W6/33	29.80	29.37	0.43	1.44
R7/33		W7/33	29.26	28.83	0.43	1.47
R8/33		W8/33	26.08	25.69	0.39	1.50
R9/33		W9/33	25.61	25.38	0.23	0.90
R10/33		W10/33	29.15	28.89	0.26	0.89
R11/33		W11/33	29.54	29.27	0.27	0.91
R12/33		W12/33	29.58	29.32	0.26	0.88
R13/33		W13/33	29.70	29.41	0.29	0.98
R13/33		W14/33	32.65	32.65	0.00	0.00
R13/33		W15/33	32.64	32.64	0.00	0.00
R1/34		W1/34	26.66	26.11	0.55	2.06
R2/34		W2/34	30.20	29.67	0.53	1.75
R3/34		W3/34	30.61	30.07	0.54	1.76
R4/34		W4/34	30.64	30.16	0.48	1.57
R5/34		W5/34	30.50	30.04	0.46	1.51
R6/34		W6/34	30.59	30.16	0.43	1.41
R7/34		W7/34	30.07	29.65	0.42	1.40
R8/34		W8/34	26.73	26.36	0.37	1.38
R9/34		W9/34	26.43	26.20	0.23	0.87
R10/34		W10/34	30.04	29.79	0.25	0.83
R11/34		W11/34	30.44	30.17	0.27	0.89
R12/34		W12/34	30.51	30.27	0.24	0.79
R13/34		W13/34	30.65	30.38	0.27	0.88
R13/34		W14/34	33.83	33.83	0.00	0.00

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R13/34		W15/34	33.80	33.80	0.00	0.00
R1/35		W1/35	71.24	70.85	0.39	0.55
R2/35		W2/35	78.19	77.77	0.42	0.54
R2/35		W3/35	78.10	77.68	0.42	0.54
R3/35		W4/35	81.58	81.17	0.41	0.50
R3/35		W5/35	81.32	80.91	0.41	0.50
R4/35		W6/35	84.06	83.71	0.35	0.42
R4/35		W7/35	83.63	83.29	0.34	0.41
R5/35		W8/35	84.31	83.99	0.32	0.38
R6/35		W9/35	84.12	83.83	0.29	0.34
R6/35		W10/35	80.60	80.30	0.30	0.37
R7/35		W11/35	26.60	26.47	0.13	0.49
R8/35		W12/35	85.11	84.92	0.19	0.22
R8/35		W13/35	84.32	84.14	0.18	0.21
R9/35		W14/35	85.36	85.09	0.27	0.32
R9/35		W15/35	85.10	84.84	0.26	0.31
R10/35		W16/35	85.51	85.24	0.27	0.32
R11/35		W17/35	85.39	85.12	0.27	0.32
R11/35		W18/35	85.58	85.30	0.28	0.33
Manchester Student Village						
R1/20		W1/20	13.96	13.68	0.28	2.01
R1/20		W2/20	17.11	16.33	0.78	4.56
R1/20		W3/20	28.34	27.47	0.87	3.07
R2/20		W4/20	28.27	27.44	0.83	2.94
R3/20		W5/20	28.13	27.33	0.80	2.84
R4/20		W6/20	28.13	27.25	0.88	3.13
R5/20		W7/20	28.08	27.19	0.89	3.17
R6/20		W8/20	28.10	27.16	0.94	3.35
R7/20		W9/20	28.03	27.14	0.89	3.18
R8/20		W10/20	28.00	27.11	0.89	3.18

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R9/20		W11/20	27.91	27.03	0.88	3.15
R10/20		W12/20	27.88	27.02	0.86	3.08
R11/20		W13/20	27.85	27.00	0.85	3.05
R12/20		W14/20	27.79	26.97	0.82	2.95
R13/20		W15/20	27.72	26.92	0.80	2.89
R1/21		W1/21	17.67	17.34	0.33	1.87
R1/21		W2/21	20.52	19.69	0.83	4.04
R1/21		W3/21	29.82	28.95	0.87	2.92
R2/21		W4/21	29.64	28.82	0.82	2.77
R3/21		W5/21	29.43	28.65	0.78	2.65
R4/21		W6/21	29.38	28.53	0.85	2.89
R5/21		W7/21	29.29	28.42	0.87	2.97
R6/21		W8/21	29.25	28.34	0.91	3.11
R7/21		W9/21	29.14	28.28	0.86	2.95
R8/21		W10/21	29.11	28.24	0.87	2.99
R9/21		W11/21	29.00	28.14	0.86	2.97
R10/21		W12/21	28.99	28.15	0.84	2.90
R11/21		W13/21	28.96	28.12	0.84	2.90
R12/21		W14/21	28.89	28.09	0.80	2.77
R13/21		W15/21	28.83	28.03	0.80	2.77
R14/21		W16/21	28.78	27.98	0.80	2.78
R1/22		W1/22	22.70	22.35	0.35	1.54
R1/22		W2/22	24.78	23.94	0.84	3.39
R1/22		W3/22	30.96	30.08	0.88	2.84
R2/22		W4/22	30.74	29.92	0.82	2.67
R3/22		W5/22	30.49	29.69	0.80	2.62
R4/22		W6/22	30.40	29.57	0.83	2.73
R5/22		W7/22	30.27	29.41	0.86	2.84

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R6/22		W8/22	30.20	29.33	0.87	2.88
R7/22		W9/22	30.07	29.23	0.84	2.79
R8/22		W10/22	30.06	29.19	0.87	2.89
R9/22		W11/22	29.94	29.08	0.86	2.87
R10/22		W12/22	29.94	29.11	0.83	2.77
R11/22		W13/22	29.91	29.07	0.84	2.81
R12/22		W14/22	29.84	29.05	0.79	2.65
R13/22		W15/22	29.79	29.00	0.79	2.65
R14/22		W16/22	29.74	28.95	0.79	2.66
R1/23		W1/23	28.54	27.85	0.69	2.42
R1/23		W2/23	29.11	28.16	0.95	3.26
R1/23		W3/23	31.75	30.87	0.88	2.77
R2/23		W4/23	31.53	30.71	0.82	2.60
R3/23		W5/23	31.30	30.48	0.82	2.62
R4/23		W6/23	31.20	30.38	0.82	2.63
R5/23		W7/23	31.05	30.21	0.84	2.71
R6/23		W8/23	31.00	30.16	0.84	2.71
R7/23		W9/23	30.86	30.06	0.80	2.59
R8/23		W10/23	30.85	30.01	0.84	2.72
R9/23		W11/23	30.76	29.93	0.83	2.70
R10/23		W12/23	30.77	29.97	0.80	2.60
R11/23		W13/23	30.74	29.94	0.80	2.60
R12/23		W14/23	30.68	29.91	0.77	2.51
R13/23		W15/23	30.66	29.88	0.78	2.54
R14/23		W16/23	30.62	29.85	0.77	2.51
R1/24		W1/24	32.72	31.44	1.28	3.91
R1/24		W2/24	32.80	31.57	1.23	3.75

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R1/24		W3/24	32.46	31.62	0.84	2.59
R2/24		W4/24	32.26	31.47	0.79	2.45
R3/24		W5/24	32.06	31.24	0.82	2.56
R4/24		W6/24	31.96	31.16	0.80	2.50
R5/24		W7/24	31.81	31.01	0.80	2.51
R6/24		W8/24	31.78	30.98	0.80	2.52
R7/24		W9/24	31.64	30.88	0.76	2.40
R8/24		W10/24	31.62	30.82	0.80	2.53
R9/24		W11/24	31.56	30.77	0.79	2.50
R10/24		W12/24	31.58	30.82	0.76	2.41
R11/24		W13/24	31.55	30.80	0.75	2.38
R12/24		W14/24	31.50	30.77	0.73	2.32
R13/24		W15/24	31.51	30.76	0.75	2.38
R14/24		W16/24	31.47	30.74	0.73	2.32
R1/25		W1/25	33.65	32.43	1.22	3.63
R1/25		W2/25	33.78	32.59	1.19	3.52
R1/25		W3/25	33.13	32.33	0.80	2.41
R2/25		W4/25	32.93	32.19	0.74	2.25
R3/25		W5/25	32.77	31.98	0.79	2.41
R4/25		W6/25	32.67	31.91	0.76	2.33
R5/25		W7/25	32.54	31.77	0.77	2.37
R6/25		W8/25	32.51	31.76	0.75	2.31
R7/25		W9/25	32.39	31.68	0.71	2.19
R8/25		W10/25	32.35	31.59	0.76	2.35
R9/25		W11/25	32.33	31.58	0.75	2.32
R10/25		W12/25	32.36	31.64	0.72	2.22
R11/25		W13/25	32.34	31.62	0.72	2.23

Room	Room Use	Window	EXISTING VSC	CUMULATIVE VSC	LOSS VSC	%LOSS VSC
R12/25		W14/25	32.29	31.60	0.69	2.14
R13/25		W15/25	32.32	31.60	0.72	2.23
R14/25		W16/25	32.30	31.59	0.71	2.20
R1/26		W1/26	81.64	81.01	0.63	0.77
R2/26		W2/26	81.76	81.12	0.64	0.78
R2/26		W3/26	81.76	81.13	0.63	0.77
R3/26		W4/26	81.75	81.10	0.65	0.80
R3/26		W5/26	81.75	81.12	0.63	0.77
R4/26		W6/26	81.67	81.07	0.60	0.73
R4/26		W7/26	81.69	81.10	0.59	0.72
R5/26		W8/26	81.67	81.07	0.60	0.73
R5/26		W9/26	81.71	81.10	0.61	0.75
R6/26		W10/26	81.62	81.02	0.60	0.74
R6/26		W11/26	81.60	81.01	0.59	0.72
R7/26		W12/26	81.56	80.98	0.58	0.71
R7/26		W13/26	81.53	80.96	0.57	0.70
R8/26		W14/26	81.55	80.96	0.59	0.72
R8/26		W15/26	81.53	80.94	0.59	0.72
R9/26		W16/26	81.52	80.95	0.57	0.70
R9/26		W17/26	81.52	80.94	0.58	0.71
R10/26		W18/26	81.54	80.98	0.56	0.69
R10/26		W19/26	81.53	80.97	0.56	0.69
R11/26		W20/26	81.52	80.97	0.55	0.67
R11/26		W21/26	81.55	80.98	0.57	0.70
R12/26		W22/26	81.57	81.02	0.55	0.67
R12/26		W23/26	81.57	81.01	0.56	0.69
R13/26		W24/26	81.57	81.01	0.56	0.69
R13/26		W25/26	81.54	80.97	0.57	0.70
R14/26		W26/26	81.18	80.64	0.54	0.67
R14/26		W27/26	80.81	80.27	0.54	0.67

Appendix 9: Baseline vs Cumulative NSL Results

FIRST STREET
MANCHESTER

NSL ANALYSIS
BASELINE VS 10A PROPOSED SCHEME + CUMULATIVE

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
Building A, Downing Co-Living						
R1/702	BEDROOM	94.4	93.9	93.9	0.0	0.00
R2/702	LKD	332.5	329.2	329.2	0.0	0.00
R3/702	STUDIO	166.1	164.7	156.2	8.4	5.10
R4/702	STUDIO	166.0	164.7	160.3	4.3	2.61
R5/702	STUDIO	195.9	190.6	186.1	4.5	2.36
R6/702	STUDIO	183.3	180.0	161.7	18.2	10.11
R7/702	STUDIO	173.7	172.1	150.4	21.7	12.61
R8/702	STUDIO	174.2	172.4	146.2	26.2	15.20
R9/702	STUDIO	164.3	163.2	114.1	49.1	30.09
R1/703	BEDROOM	94.4	93.8	93.8	0.0	0.00
R2/703	LKD	332.5	329.1	329.1	0.0	0.00
R3/703	STUDIO	166.1	164.7	157.9	6.7	4.07
R4/703	STUDIO	166.0	164.6	161.9	2.8	1.70
R5/703	STUDIO	195.9	190.6	187.3	3.2	1.68
R6/703	STUDIO	183.3	179.9	161.9	18.1	10.06
R7/703	STUDIO	173.7	172.1	151.1	21.0	12.20
R8/703	STUDIO	174.2	172.4	146.4	26.1	15.14
R9/703	STUDIO	164.3	163.1	114.0	49.1	30.10
R10/703	BEDROOM	129.7	127.2	48.4	78.8	61.95
R11/703	BEDROOM	108.1	62.0	62.0	0.0	0.00
R1/704	BEDROOM	94.4	93.8	93.8	0.0	0.00
R2/704	LKD	332.5	329.1	329.1	0.0	0.00
R3/704	STUDIO	166.1	164.7	160.2	4.5	2.73
R4/704	STUDIO	166.0	164.6	162.5	2.1	1.28
R5/704	STUDIO	195.9	190.6	188.5	2.1	1.10
R6/704	STUDIO	183.3	179.9	163.0	16.9	9.39
R7/704	STUDIO	173.7	172.1	151.4	20.7	12.03
R8/704	STUDIO	174.2	172.4	146.4	26.1	15.14
R9/704	STUDIO	164.3	163.1	114.0	49.1	30.10
R10/704	BEDROOM	129.7	127.2	48.6	78.6	61.79
R11/704	BEDROOM	108.1	63.6	63.6	0.0	0.00
R1/705	BEDROOM	94.4	93.8	93.8	0.0	0.00
R2/705	LKD	332.5	329.1	329.1	0.0	0.00
R3/705	STUDIO	166.1	164.7	161.9	2.7	1.64
R4/705	STUDIO	166.0	164.6	163.9	0.7	0.43
R5/705	STUDIO	195.9	190.6	189.3	1.3	0.68
R6/705	STUDIO	183.3	179.9	164.5	15.4	8.56
R7/705	STUDIO	173.7	172.1	152.0	20.1	11.68
R8/705	STUDIO	174.2	172.4	146.4	26.1	15.14
R9/705	STUDIO	164.3	163.1	114.0	49.1	30.10
R10/705	BEDROOM	129.7	127.2	48.6	78.6	61.79
R11/705	BEDROOM	108.1	63.6	63.6	0.0	0.00
R1/706	BEDROOM	94.4	93.8	93.8	0.0	0.00
R2/706	LKD	332.5	329.1	329.1	0.0	0.00
R3/706	STUDIO	166.1	164.7	162.8	1.8	1.09
R4/706	STUDIO	166.0	164.6	164.2	0.4	0.24
R5/706	STUDIO	195.9	190.6	190.0	0.6	0.31
R6/706	STUDIO	183.3	179.9	166.2	13.8	7.67
R7/706	STUDIO	173.7	172.1	153.0	19.0	11.04
R8/706	STUDIO	174.2	172.4	146.4	26.1	15.14
R9/706	STUDIO	164.3	163.1	114.0	49.1	30.10
R10/706	BEDROOM	129.7	127.2	49.0	78.2	61.48
R11/706	BEDROOM	108.1	63.6	63.6	0.0	0.00
R1/707	BEDROOM	94.4	93.8	93.8	0.0	0.00
R2/707	LKD	332.5	329.1	329.1	0.0	0.00
R3/707	STUDIO	166.1	164.7	163.3	1.4	0.85

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Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R4/707	STUDIO	166.0	164.6	164.5	0.1	0.06
R5/707	STUDIO	195.9	190.6	190.1	0.5	0.26
R6/707	STUDIO	183.3	179.9	169.7	10.3	5.73
R7/707	STUDIO	173.7	172.1	155.5	16.6	9.65
R8/707	STUDIO	174.2	172.4	146.7	25.8	14.97
R9/707	STUDIO	164.3	163.1	114.0	49.1	30.10
R10/707	BEDROOM	129.7	127.2	49.5	77.7	61.08
R11/707	BEDROOM	108.1	63.6	63.6	0.0	0.00
R1/708	BEDROOM	94.4	93.8	93.8	0.0	0.00
R2/708	LKD	332.5	329.1	329.1	0.0	0.00
R3/708	STUDIO	166.1	164.7	164.6	0.0	0.00
R4/708	STUDIO	166.0	164.6	164.6	0.0	0.00
R5/708	STUDIO	195.9	190.6	190.6	0.0	0.00
R6/708	STUDIO	183.3	179.9	171.9	8.1	4.50
R7/708	STUDIO	173.7	172.1	157.7	14.4	8.37
R8/708	STUDIO	174.2	172.4	147.8	24.7	14.33
R9/708	STUDIO	164.3	163.1	114.6	48.5	29.74
R10/708	BEDROOM	129.7	127.2	50.3	76.9	60.46
R11/708	BEDROOM	108.1	63.6	63.6	0.0	0.00
R1/709	BEDROOM	94.4	93.8	93.8	0.0	0.00
R2/709	LKD	332.5	329.1	329.1	0.0	0.00
R3/709	STUDIO	166.1	164.7	164.7	0.0	0.00
R4/709	STUDIO	166.0	164.6	164.6	0.0	0.00
R5/709	STUDIO	195.9	190.6	190.6	0.0	0.00
R6/709	STUDIO	183.3	179.9	176.3	3.6	2.00
R7/709	STUDIO	173.7	172.1	160.8	11.3	6.57
R8/709	STUDIO	174.2	172.4	148.9	23.5	13.63
R9/709	STUDIO	164.3	163.1	115.7	47.4	29.06
R10/709	BEDROOM	129.7	127.2	51.7	75.6	59.43
R11/709	BEDROOM	108.1	63.6	63.6	0.0	0.00
R1/710	STUDIO	166.1	164.7	164.7	0.0	0.00
R2/710	STUDIO	166.0	164.6	164.6	0.0	0.00
R3/710	STUDIO	195.9	190.6	190.6	0.0	0.00
R4/710	STUDIO	183.3	179.9	178.9	1.1	0.61
R5/710	STUDIO	173.7	172.1	163.9	8.2	4.76
R6/710	STUDIO	174.2	172.4	151.8	20.6	11.95
R7/710	STUDIO	164.3	163.1	117.0	46.1	28.26
R8/710	BEDROOM	129.7	127.2	55.2	72.0	56.60
R9/710	BEDROOM	108.1	63.6	63.6	0.0	0.00
R1/711	STUDIO	166.1	164.7	164.7	0.0	0.00
R2/711	STUDIO	166.0	164.6	164.6	0.0	0.00
R3/711	STUDIO	195.9	190.6	190.6	0.0	0.00
R4/711	STUDIO	183.3	179.9	179.9	0.1	0.06
R5/711	STUDIO	173.7	172.1	169.7	2.4	1.39
R6/711	STUDIO	174.2	172.4	155.5	17.0	9.86
R7/711	STUDIO	164.3	163.1	120.1	43.0	26.36
R8/711	BEDROOM	129.7	127.2	61.6	65.6	51.57
R9/711	BEDROOM	108.1	63.6	63.6	0.0	0.00
R1/712	STUDIO	166.1	164.7	164.7	0.0	0.00
R2/712	STUDIO	166.0	164.6	164.6	0.0	0.00
R3/712	STUDIO	195.9	190.6	190.6	0.0	0.00
R4/712	STUDIO	183.3	179.9	179.9	0.1	0.06
R5/712	STUDIO	173.7	172.1	172.1	0.0	0.00
R6/712	STUDIO	174.2	172.4	159.2	13.2	7.66
R7/712	STUDIO	164.3	163.1	123.1	40.0	24.52
R8/712	BEDROOM	129.7	127.2	74.6	52.7	41.43
R9/712	BEDROOM	108.1	63.6	63.6	0.0	0.00
R1/713	STUDIO	166.1	164.7	164.7	0.0	0.00

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Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R2/713	STUDIO	166.0	164.6	164.6	0.0	0.00
R3/713	STUDIO	195.9	190.6	190.6	0.0	0.00
R4/713	STUDIO	183.3	180.2	180.2	0.1	0.06
R5/713	STUDIO	173.7	172.1	172.1	0.0	0.00
R6/713	STUDIO	174.2	172.4	165.1	7.3	4.23
R7/713	STUDIO	164.3	163.1	129.7	33.4	20.48
R8/713	BEDROOM	129.7	127.2	106.0	21.2	16.67
R9/713	BEDROOM	108.1	63.6	63.6	0.0	0.00
R1/714	STUDIO	173.6	171.9	171.9	0.0	0.00
R2/714	STUDIO	173.7	172.1	172.1	0.0	0.00
R3/714	STUDIO	174.2	172.4	172.4	0.0	0.00
R4/714	STUDIO	164.3	163.1	145.2	17.9	10.97
R5/714	BEDROOM	129.7	127.2	127.2	0.0	0.00
R6/714	BEDROOM	108.1	63.6	63.6	0.0	0.00
R1/715	STUDIO	173.6	171.9	171.9	0.0	0.00
R2/715	STUDIO	173.7	172.1	172.1	0.0	0.00
R3/715	STUDIO	174.2	172.4	172.4	0.0	0.00
R4/715	STUDIO	164.3	163.1	163.1	0.0	0.00
R5/715	BEDROOM	129.7	127.2	127.2	0.0	0.00
R6/715	BEDROOM	108.1	63.6	63.6	0.0	0.00
R1/716	STUDIO	173.6	171.9	171.9	0.0	0.00
R2/716	STUDIO	173.7	172.1	172.1	0.0	0.00
R3/716	STUDIO	174.2	172.4	172.4	0.0	0.00
R4/716	STUDIO	164.3	163.1	163.1	0.0	0.00
R5/716	BEDROOM	129.7	127.2	127.2	0.0	0.00
R6/716	BEDROOM	108.1	63.6	63.6	0.0	0.00
Building B, Downing Co-Living						
R1/802	STUDIO	261.4	240.7	226.8	13.9	5.77
R2/802	BEDROOM	108.8	107.1	94.6	12.5	11.67
R3/802	LKD	211.2	208.8	139.8	69.0	33.05
R4/802	STUDIO	156.3	153.2	104.9	48.3	31.53
R5/802	STUDIO	169.9	166.2	112.9	53.4	32.13
R6/802	STUDIO	184.0	179.3	124.1	55.2	30.79
R7/802	STUDIO	188.1	177.2	109.0	68.2	38.49
R8/802	BEDROOM	126.4	118.4	109.6	8.9	7.52
R9/802	LKD	234.8	227.2	225.9	1.3	0.57
R1/803	STUDIO	261.4	240.9	227.9	13.0	5.40
R2/803	BEDROOM	108.8	107.0	94.9	12.2	11.40
R3/803	LKD	211.2	209.0	141.5	67.6	32.34
R4/803	STUDIO	156.3	153.3	106.5	46.8	30.53
R5/803	STUDIO	169.9	166.6	114.7	51.9	31.15
R6/803	STUDIO	184.0	179.8	126.3	53.5	29.76
R7/803	STUDIO	188.1	178.1	114.9	63.2	35.49
R8/803	BEDROOM	126.4	119.4	115.9	3.5	2.93
R9/803	LKD	234.8	227.2	226.0	1.2	0.53
R1/804	STUDIO	261.4	247.9	236.6	11.4	4.60
R2/804	BEDROOM	108.8	107.0	95.9	11.1	10.37
R3/804	LKD	211.2	209.7	143.8	65.9	31.43
R4/804	STUDIO	156.3	153.4	108.8	44.5	29.01
R5/804	STUDIO	169.9	167.3	118.0	49.3	29.47
R6/804	STUDIO	184.0	180.5	129.8	50.7	28.09
R7/804	STUDIO	188.1	179.3	122.9	56.5	31.51
R8/804	BEDROOM	126.4	120.7	118.6	2.1	1.74
R9/804	LKD	234.8	234.3	233.3	1.0	0.43
R1/805	STUDIO	261.4	248.6	238.8	9.9	3.98

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NSL ANALYSIS
BASELINE VS 10A PROPOSED SCHEME + CUMULATIVE

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R2/805	BEDROOM	108.8	107.0	96.9	10.1	9.44
R3/805	LKD	211.2	209.7	146.3	63.5	30.28
R4/805	STUDIO	156.3	153.4	111.3	42.1	27.44
R5/805	STUDIO	169.9	167.4	121.5	45.9	27.42
R6/805	STUDIO	184.0	181.0	134.0	47.1	26.02
R7/805	STUDIO	188.1	180.4	132.4	48.0	26.61
R8/805	BEDROOM	126.4	121.9	121.0	1.0	0.82
R9/805	LKD	234.8	234.3	233.6	0.7	0.30
R1/806	STUDIO	261.4	249.0	240.8	8.2	3.29
R2/806	BEDROOM	108.8	107.0	98.3	8.8	8.22
R3/806	LKD	211.2	209.7	148.6	61.1	29.14
R4/806	STUDIO	156.3	153.4	115.5	37.9	24.71
R5/806	STUDIO	169.9	167.4	126.3	41.0	24.49
R6/806	STUDIO	184.0	181.5	138.8	42.6	23.47
R7/806	STUDIO	188.1	181.8	143.6	38.2	21.01
R8/806	BEDROOM	126.4	123.4	123.3	0.2	0.16
R9/806	LKD	234.8	234.3	233.8	0.4	0.17
R1/807	STUDIO	261.4	249.0	243.4	5.6	2.25
R2/807	BEDROOM	108.8	107.0	99.5	7.5	7.01
R3/807	LKD	211.2	209.7	153.0	56.7	27.04
R4/807	STUDIO	156.3	153.4	119.7	33.8	22.03
R5/807	STUDIO	169.9	167.4	130.7	36.6	21.86
R6/807	STUDIO	184.0	181.5	145.0	36.4	20.06
R7/807	STUDIO	188.1	183.2	155.3	27.9	15.23
R8/807	BEDROOM	126.4	125.2	125.2	0.0	0.00
R9/807	LKD	234.8	234.3	233.8	0.4	0.17
R1/808	STUDIO	261.4	249.0	246.3	2.8	1.12
R2/808	BEDROOM	108.8	107.0	101.2	5.8	5.42
R3/808	LKD	211.2	209.8	159.4	50.3	23.98
R4/808	STUDIO	156.3	153.4	125.2	28.2	18.38
R5/808	STUDIO	169.9	167.4	138.3	29.1	17.38
R6/808	STUDIO	184.0	181.5	152.8	28.6	15.76
R7/808	STUDIO	188.1	184.3	164.1	20.2	10.96
R8/808	BEDROOM	126.4	125.5	125.5	0.0	0.00
R9/808	LKD	234.8	234.3	234.1	0.2	0.09
R1/809	STUDIO	261.4	249.2	249.2	0.0	0.00
R2/809	BEDROOM	108.8	107.2	103.7	3.5	3.26
R3/809	LKD	211.2	209.8	167.6	42.2	20.11
R4/809	STUDIO	156.3	153.4	132.0	21.4	13.95
R5/809	STUDIO	169.9	167.4	145.6	21.8	13.02
R6/809	STUDIO	184.0	181.5	162.2	19.4	10.69
R7/809	STUDIO	188.1	185.3	173.3	11.9	6.42
R8/809	BEDROOM	126.4	125.5	125.5	0.0	0.00
R9/809	LKD	234.8	234.3	234.3	0.0	0.00
R1/810	STUDIO	261.4	250.0	250.0	0.0	0.00
R2/810	BEDROOM	108.8	107.2	106.9	0.3	0.28
R3/810	LKD	211.2	209.8	177.3	32.4	15.44
R4/810	STUDIO	156.3	153.4	139.0	14.4	9.39
R5/810	STUDIO	169.9	167.4	154.2	13.3	7.95
R6/810	STUDIO	184.0	181.5	171.3	10.3	5.67
R7/810	STUDIO	188.1	185.5	180.9	4.6	2.48
R8/810	BEDROOM	126.4	125.5	125.5	0.0	0.00
R9/810	LKD	234.8	234.3	234.3	0.0	0.00
R1/811	STUDIO	261.4	252.6	252.6	0.0	0.00
R2/811	BEDROOM	108.8	107.3	107.3	0.0	0.00
R3/811	LKD	211.2	209.8	189.4	20.3	9.68
R4/811	STUDIO	156.3	153.7	147.2	6.5	4.23
R5/811	STUDIO	169.9	167.6	162.8	4.8	2.86

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Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R6/811	STUDIO	184.0	181.6	179.1	2.5	1.38
R7/811	STUDIO	188.1	185.5	185.3	0.3	0.16
R8/811	BEDROOM	126.4	125.5	125.5	0.0	0.00
R9/811	LKD	234.8	234.3	234.3	0.0	0.00
R1/812	STUDIO	261.4	254.9	254.9	0.0	0.00
R2/812	BEDROOM	108.8	107.5	107.5	0.0	0.00
R3/812	LKD	211.2	209.9	201.0	8.9	4.24
R4/812	STUDIO	156.3	153.9	153.2	0.7	0.45
R5/812	STUDIO	169.9	167.8	167.8	0.0	0.00
R6/812	STUDIO	184.0	181.8	181.8	0.0	0.00
R7/812	STUDIO	188.1	185.7	185.7	0.0	0.00
R8/812	BEDROOM	126.4	125.5	125.5	0.0	0.00
R9/812	LKD	234.8	234.3	234.3	0.0	0.00
R1/813	STUDIO	261.4	256.0	256.0	0.0	0.00
R2/813	BEDROOM	108.8	107.5	107.5	0.0	0.00
R3/813	LKD	211.2	209.9	209.8	0.1	0.05
R4/813	STUDIO	156.3	154.0	154.0	0.0	0.00
R5/813	STUDIO	169.9	167.9	167.9	0.0	0.00
R6/813	STUDIO	184.0	181.9	181.9	0.0	0.00
R7/813	STUDIO	188.1	185.9	185.9	0.0	0.00
R8/813	BEDROOM	126.4	125.5	125.5	0.0	0.00
R9/813	LKD	234.8	234.3	234.3	0.0	0.00
R1/814	STUDIO	261.4	256.2	256.2	0.0	0.00
R2/814	BEDROOM	108.8	107.6	107.6	0.0	0.00
R3/814	LKD	211.2	209.9	209.9	0.0	0.00
R4/814	STUDIO	156.3	154.3	154.3	0.0	0.00
R5/814	STUDIO	169.9	168.0	168.0	0.0	0.00
R6/814	STUDIO	184.0	182.1	182.1	0.0	0.00
R7/814	STUDIO	188.1	186.0	186.0	0.0	0.00
R8/814	BEDROOM	126.4	125.6	125.6	0.0	0.00
R9/814	LKD	234.8	234.3	234.3	0.0	0.00
R1/815	STUDIO	261.4	256.7	256.7	0.0	0.00
R2/815	BEDROOM	108.8	107.7	107.7	0.0	0.00
R3/815	LKD	211.2	209.9	209.9	0.0	0.00
R4/815	STUDIO	156.3	154.5	154.5	0.0	0.00
R5/815	STUDIO	169.9	168.1	168.1	0.0	0.00
R6/815	STUDIO	184.0	182.2	182.2	0.0	0.00
R7/815	STUDIO	188.1	186.0	186.0	0.0	0.00
R8/815	BEDROOM	126.4	125.6	125.6	0.0	0.00
R9/815	LKD	234.8	234.3	234.3	0.0	0.00
R1/816	STUDIO	261.4	257.3	257.3	0.0	0.00
R2/816	BEDROOM	108.8	107.7	107.7	0.0	0.00
R3/816	LKD	211.2	210.0	210.0	0.0	0.00
R4/816	STUDIO	156.3	154.7	154.7	0.0	0.00
R5/816	STUDIO	169.9	168.1	168.1	0.0	0.00
R6/816	STUDIO	184.0	182.2	182.2	0.0	0.00
R7/816	STUDIO	188.1	186.0	186.0	0.0	0.00
R8/816	BEDROOM	126.4	125.5	125.5	0.0	0.00
R9/816	LKD	234.8	234.3	234.3	0.0	0.00
City South Apartments						
R1/300	BEDROOM	178.6	177.5	175.5	2.1	1.18
R2/300	BEDROOM	85.4	55.9	55.9	0.0	0.00
R3/300	LKD	274.7	207.6	207.6	0.0	0.00
R4/300	LKD	347.1	277.3	277.3	0.0	0.00
R5/300	LKD	227.1	60.1	60.1	0.0	0.00

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Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R6/300	BEDROOM	98.6	55.1	55.1	0.0	0.00
R7/300	BEDROOM	126.0	62.8	62.8	0.0	0.00
R8/300	BEDROOM	143.3	101.5	101.5	0.0	0.00
R9/300	BEDROOM	93.5	73.2	73.2	0.0	0.00
R10/300	LKD	337.1	329.8	329.8	0.0	0.00
R11/300	LKD	332.0	296.4	296.4	0.0	0.00
R12/300	BEDROOM	111.8	109.0	109.0	0.0	0.00
R13/300	BEDROOM	144.8	139.9	139.9	0.0	0.00
R14/300	BEDROOM	129.6	123.5	123.5	0.0	0.00
R15/300	BEDROOM	89.4	88.1	88.1	0.0	0.00
R16/300	LKD	270.2	269.5	269.5	0.0	0.00
R17/300	BEDROOM	132.3	100.7	100.7	0.0	0.00
R18/300	BEDROOM	87.6	85.5	85.5	0.0	0.00
R19/300	LKD	264.7	264.1	263.8	0.3	0.11
R20/300	LKD	253.8	241.5	241.2	0.3	0.12
R21/300	BEDROOM	144.0	143.6	139.2	4.3	2.99
R22/300	BEDROOM	143.5	143.0	83.1	59.9	41.89
R23/300	BEDROOM	146.5	146.4	20.4	125.9	86.00
R24/300	BEDROOM	118.6	115.5	16.8	98.7	85.45
R25/300	BEDROOM	99.7	99.5	7.7	91.8	92.26
R26/300	LKD	264.6	242.9	15.2	227.7	93.74
R27/300	LKD	287.8	58.9	58.9	0.0	0.00
R28/300	BEDROOM	75.9	39.8	39.8	0.0	0.00
R29/300	BEDROOM	101.7	49.9	49.9	0.0	0.00
R30/300	BEDROOM	121.0	34.1	34.1	0.0	0.00
R31/300	LKD	252.5	78.2	78.2	0.0	0.00
R32/300	BEDROOM	81.2	44.1	44.1	0.0	0.00
R33/300	BEDROOM	142.1	80.8	80.7	0.1	0.12
R34/300	BEDROOM	125.3	76.5	76.5	0.0	0.00
R35/300	BEDROOM	85.8	68.1	68.1	0.0	0.00
R36/300	LKD	251.4	112.4	112.4	0.0	0.00
R37/300	BEDROOM	145.7	97.9	97.9	0.0	0.00
R38/300	BEDROOM	98.3	68.7	68.7	0.0	0.00
R39/300	LKD	291.2	134.3	133.9	0.4	0.30
R1/301	BEDROOM	178.6	176.0	171.6	4.4	2.50
R2/301	BEDROOM	86.4	58.1	58.1	0.0	0.00
R3/301	LKD	274.7	228.1	228.1	0.0	0.00
R4/301	LKD	283.1	183.7	183.7	0.0	0.00
R5/301	BEDROOM	122.7	91.3	91.3	0.0	0.00
R6/301	BEDROOM	165.2	102.8	102.8	0.0	0.00
R7/301	BEDROOM	188.2	105.6	105.6	0.0	0.00
R8/301	LKD	264.9	100.5	100.5	0.0	0.00
R9/301	BEDROOM	98.6	74.3	74.3	0.0	0.00
R10/301	BEDROOM	126.0	91.2	91.2	0.0	0.00
R11/301	BEDROOM	144.6	115.3	115.3	0.0	0.00
R12/301	BEDROOM	94.3	82.5	82.5	0.0	0.00
R13/301	LKD	318.2	301.1	301.1	0.0	0.00
R14/301	LKD	311.1	285.3	285.3	0.0	0.00
R15/301	BEDROOM	113.2	112.7	112.7	0.0	0.00
R16/301	BEDROOM	146.8	146.3	146.3	0.0	0.00
R17/301	BEDROOM	129.3	123.0	123.0	0.0	0.00
R18/301	BEDROOM	89.4	88.8	88.8	0.0	0.00
R19/301	LKD	270.2	269.5	269.5	0.0	0.00
R20/301	BEDROOM	188.2	181.0	181.0	0.0	0.00
R21/301	BEDROOM	87.6	85.8	85.8	0.0	0.00
R22/301	LKD	264.7	264.1	263.8	0.3	0.11
R23/301	LKD	253.8	244.7	244.5	0.1	0.04
R24/301	BEDROOM	144.0	142.8	139.4	3.3	2.31

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Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R25/301	BEDROOM	143.5	143.0	85.4	57.5	40.21
R26/301	BEDROOM	146.5	146.4	21.3	125.0	85.38
R27/301	BEDROOM	118.6	114.9	18.3	96.6	84.07
R28/301	BEDROOM	99.7	98.8	7.4	91.3	92.41
R29/301	LKD	264.6	257.3	16.5	240.8	93.59
R30/301	LKD	287.8	85.7	85.7	0.0	0.00
R31/301	BEDROOM	75.9	44.9	44.9	0.0	0.00
R32/301	BEDROOM	101.7	56.2	56.2	0.0	0.00
R33/301	BEDROOM	121.0	66.9	66.9	0.0	0.00
R34/301	LKD	252.5	102.3	102.3	0.0	0.00
R35/301	BEDROOM	81.2	61.4	61.4	0.0	0.00
R36/301	BEDROOM	142.1	108.5	108.5	0.0	0.00
R37/301	BEDROOM	125.3	100.6	100.6	0.0	0.00
R38/301	BEDROOM	85.8	84.3	84.3	0.0	0.00
R39/301	LKD	251.4	150.7	150.7	0.0	0.00
R40/301	BEDROOM	145.7	131.1	131.1	0.0	0.00
R41/301	BEDROOM	98.3	88.1	88.1	0.0	0.00
R42/301	LKD	291.2	173.7	173.2	0.4	0.23
R1/302	BEDROOM	178.6	176.1	171.7	4.4	2.50
R2/302	BEDROOM	86.4	60.0	60.0	0.0	0.00
R3/302	LKD	274.7	252.0	252.0	0.0	0.00
R4/302	LKD	283.1	243.9	243.9	0.0	0.00
R5/302	BEDROOM	122.7	111.7	111.7	0.0	0.00
R6/302	BEDROOM	165.2	137.4	137.4	0.0	0.00
R7/302	BEDROOM	188.2	153.6	153.6	0.0	0.00
R8/302	LKD	264.9	156.5	156.5	0.0	0.00
R9/302	BEDROOM	98.6	95.4	95.4	0.0	0.00
R10/302	BEDROOM	126.0	123.1	123.1	0.0	0.00
R11/302	BEDROOM	144.6	138.7	138.7	0.0	0.00
R12/302	BEDROOM	94.3	91.1	91.1	0.0	0.00
R13/302	LKD	318.2	301.8	301.8	0.0	0.00
R14/302	LKD	311.1	299.8	299.8	0.0	0.00
R15/302	BEDROOM	113.2	112.6	112.6	0.0	0.00
R16/302	BEDROOM	146.8	146.2	146.2	0.0	0.00
R17/302	BEDROOM	129.3	122.7	122.7	0.0	0.00
R18/302	BEDROOM	89.4	88.8	88.8	0.0	0.00
R19/302	LKD	270.2	269.5	269.5	0.0	0.00
R20/302	BEDROOM	188.2	180.9	180.9	0.0	0.00
R21/302	BEDROOM	87.6	85.9	85.9	0.0	0.00
R22/302	LKD	264.7	264.2	263.8	0.3	0.11
R23/302	LKD	253.8	247.6	247.5	0.1	0.04
R24/302	BEDROOM	144.0	142.5	139.1	3.3	2.32
R25/302	BEDROOM	143.5	143.0	85.8	57.2	40.00
R26/302	BEDROOM	146.5	146.4	21.6	124.7	85.18
R27/302	BEDROOM	118.6	115.3	18.7	96.6	83.78
R28/302	BEDROOM	99.7	98.8	9.8	89.0	90.08
R29/302	LKD	264.6	258.6	17.7	241.0	93.19
R30/302	LKD	287.8	135.0	135.0	0.0	0.00
R31/302	BEDROOM	75.9	62.2	62.2	0.0	0.00
R32/302	BEDROOM	101.7	83.4	83.4	0.0	0.00
R33/302	BEDROOM	121.0	109.5	109.5	0.0	0.00
R34/302	LKD	252.5	153.1	153.1	0.0	0.00
R35/302	BEDROOM	81.2	80.6	80.6	0.0	0.00
R36/302	BEDROOM	142.1	139.6	139.6	0.0	0.00
R37/302	BEDROOM	125.3	122.7	122.7	0.0	0.00
R38/302	BEDROOM	85.8	84.6	84.6	0.0	0.00
R39/302	LKD	251.4	199.9	199.9	0.0	0.00
R40/302	BEDROOM	145.7	144.7	144.7	0.0	0.00

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Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R41/302	BEDROOM	98.3	96.6	96.6	0.0	0.00
R42/302	LKD	291.2	229.3	229.1	0.2	0.09
R43/302	LKD	194.1	95.2	95.2	0.0	0.00
R44/302		147.2	100.4	100.4	0.0	0.00
R1/303	BEDROOM	178.6	175.5	172.8	2.8	1.60
R2/303	BEDROOM	86.4	63.0	63.0	0.0	0.00
R3/303	LKD	274.7	270.2	270.2	0.0	0.00
R4/303	LKD	283.1	282.6	282.6	0.0	0.00
R5/303	BEDROOM	122.7	111.7	111.7	0.0	0.00
R6/303	BEDROOM	165.2	139.7	139.7	0.0	0.00
R7/303	BEDROOM	188.2	167.2	167.2	0.0	0.00
R8/303	LKD	250.9	240.4	240.4	0.0	0.00
R9/303	BEDROOM	86.9	83.7	83.7	0.0	0.00
R10/303	BEDROOM	112.8	109.3	109.3	0.0	0.00
R11/303	BEDROOM	131.6	127.9	127.9	0.0	0.00
R12/303	BEDROOM	85.7	85.0	85.0	0.0	0.00
R13/303	LKD	313.4	303.0	303.0	0.0	0.00
R14/303	LKD	307.7	300.9	300.9	0.0	0.00
R15/303	BEDROOM	103.1	102.2	102.2	0.0	0.00
R16/303	BEDROOM	150.9	146.7	146.7	0.0	0.00
R17/303	BEDROOM	113.3	109.0	109.0	0.0	0.00
R18/303	BEDROOM	78.4	77.4	77.4	0.0	0.00
R19/303	LKD	255.6	254.1	254.1	0.0	0.00
R20/303	BEDROOM	176.5	171.3	171.3	0.0	0.00
R21/303	BEDROOM	79.7	78.8	78.8	0.0	0.00
R22/303	LKD	242.7	242.4	242.3	0.1	0.04
R23/303	LKD	231.8	230.1	229.9	0.1	0.04
R24/303	BEDROOM	108.4	107.4	106.7	0.6	0.56
R25/303	BEDROOM	128.9	127.3	84.2	43.1	33.86
R26/303	BEDROOM	146.5	146.4	40.2	106.2	72.54
R27/303	BEDROOM	118.6	116.0	20.2	95.8	82.59
R28/303	BEDROOM	99.7	99.5	10.9	88.6	89.05
R29/303	LKD	264.6	260.2	19.5	240.7	92.51
R30/303	LKD	287.8	215.1	215.1	0.0	0.00
R31/303	BEDROOM	75.9	69.8	69.8	0.0	0.00
R32/303	BEDROOM	101.7	94.8	94.8	0.0	0.00
R33/303	BEDROOM	121.0	117.1	117.1	0.0	0.00
R34/303	LKD	252.5	243.0	243.0	0.0	0.00
R35/303	BEDROOM	81.2	80.6	80.6	0.0	0.00
R36/303	BEDROOM	142.1	141.5	141.5	0.0	0.00
R37/303	BEDROOM	125.3	125.3	125.3	0.0	0.00
R38/303	BEDROOM	85.8	84.6	84.6	0.0	0.00
R39/303	LKD	251.4	249.9	249.8	0.1	0.04
R40/303	BEDROOM	145.7	144.8	144.8	0.0	0.00
R41/303	BEDROOM	98.3	96.8	96.8	0.0	0.00
R42/303	LKD	291.2	284.5	284.5	0.0	0.00
R43/303	LKD	194.1	99.3	99.3	0.0	0.00
R44/303		147.2	103.9	103.9	0.0	0.00
R1/304	BEDROOM	153.8	153.2	152.9	0.2	0.13
R2/304	BEDROOM	67.0	62.8	62.8	0.0	0.00
R3/304	LKD	237.6	237.0	237.0	0.0	0.00
R4/304	LKD	252.9	252.5	252.5	0.0	0.00
R5/304	BEDROOM	78.9	78.1	78.1	0.0	0.00
R6/304	BEDROOM	166.4	165.1	165.1	0.0	0.00
R7/304	BEDROOM	158.9	158.6	158.6	0.0	0.00
R8/304		224.0	95.6	95.6	0.0	0.00
R9/304		223.7	100.1	100.1	0.0	0.00
R10/304		172.0	77.0	77.0	0.0	0.00

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Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R11/304		167.6	83.4	83.4	0.0	0.00
R12/304		223.0	118.1	118.1	0.0	0.00
R13/304		223.5	130.6	130.6	0.0	0.00
R14/304	BEDROOM	202.5	153.7	153.7	0.0	0.00
R15/304	LKD	243.9	243.9	243.9	0.0	0.00
R16/304	BEDROOM	78.8	78.8	24.4	54.4	69.04
R17/304	BEDROOM	160.7	160.7	40.4	120.4	74.92
R18/304	BEDROOM	229.6	228.0	27.3	200.7	88.03
R19/304	LKD	273.4	268.0	266.1	1.9	0.71
R20/304	BEDROOM	96.6	96.0	95.9	0.1	0.10
R21/304	BEDROOM	107.4	105.6	105.6	0.0	0.00
R22/304	BEDROOM	61.1	60.4	60.4	0.0	0.00
R23/304	LKD	212.8	212.0	212.0	0.0	0.00
R24/304	LKD	177.1	177.0	177.0	0.0	0.00
R25/304	BEDROOM	74.7	74.7	74.7	0.0	0.00
R26/304	BEDROOM	71.0	71.0	71.0	0.0	0.00
R27/304	LKD	171.1	170.1	169.7	0.3	0.18
R28/304	LKD	192.2	192.0	192.0	0.0	0.00
R29/304	BEDROOM	104.5	103.8	103.8	0.0	0.00
R30/304	BEDROOM	112.7	112.4	112.4	0.0	0.00
R31/304	LKD	292.1	287.8	287.8	0.0	0.00
R32/304	LKD	194.1	111.0	111.0	0.0	0.00
R33/304		147.2	121.0	121.0	0.0	0.00
R1/305		77.6	46.3	46.3	0.0	0.00
R2/305		160.3	101.8	101.8	0.0	0.00
R3/305		233.8	153.4	153.4	0.0	0.00
R6/305	BEDROOM	144.8	144.8	144.8	0.0	0.00
R7/305	LKD	372.8	372.8	372.8	0.0	0.00
R8/305	LKD	477.6	477.0	476.4	0.6	0.13
R9/305	BEDROOM	96.9	96.7	31.8	64.9	67.11
R10/305		139.1	136.5	136.5	0.0	0.00
R11/305		135.3	93.0	93.0	0.0	0.00
R12/305		103.6	21.4	21.4	0.0	0.00
R1/306	LKD	234.3	234.3	230.3	4.0	1.71
R2/306	BEDROOM	265.8	246.3	245.2	1.1	0.45
R3/306	LKD	339.7	339.7	325.6	14.1	4.15
R4/306		139.1	138.2	138.2	0.0	0.00
R5/306		135.3	73.3	73.3	0.0	0.00
R6/306		103.6	21.6	21.6	0.0	0.00
R1/307		121.8	114.2	114.2	0.0	0.00
R2/307		164.0	164.0	164.0	0.0	0.00
R3/307		103.6	21.9	21.9	0.0	0.00
Macintosh Mills						
R1/9	LKD	204.8	189.2	189.0	0.2	0.11
R2/9	BEDROOM	162.5	158.3	158.3	0.0	0.00
R3/9	BEDROOM	126.9	124.7	124.7	0.0	0.00
R4/9	LKD	242.8	240.2	239.2	0.9	0.37
R5/9	BEDROOM	97.9	91.3	41.0	50.2	54.98
R6/9	STUDIO	276.4	264.7	111.6	153.1	57.84
R7/9	BEDROOM	245.4	228.2	114.1	114.1	50.00
R8/9	BEDROOM	118.2	98.3	43.5	54.8	55.75
R10/9	BEDROOM	131.0	23.7	23.7	0.0	0.00
R11/9	BEDROOM	143.1	0.0	0.0	0.0	0.00
R12/9	BEDROOM	87.8	18.3	18.3	0.0	0.00
R13/9	BEDROOM	139.7	51.2	51.2	0.0	0.00

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Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R1/10	LKD	200.0	184.1	183.0	1.1	0.60
R2/10	BEDROOM	157.9	153.0	153.0	0.0	0.00
R3/10	BEDROOM	120.1	117.2	117.2	0.0	0.00
R4/10	LKD	233.5	230.9	228.6	2.3	1.00
R5/10	BEDROOM	107.3	100.7	36.1	64.6	64.15
R6/10	BEDROOM	106.3	99.3	35.8	63.5	63.95
R8/10	LKD	279.5	272.4	105.7	166.7	61.20
R9/10	BEDROOM	102.8	97.4	34.8	62.5	64.17
R10/10	LKD	252.2	244.7	139.0	105.7	43.20
R12/10	BEDROOM	91.3	85.3	63.0	22.2	26.03
R13/10	BEDROOM	171.4	169.6	159.9	9.7	5.72
R1/11	LKD	200.0	182.1	180.7	1.4	0.77
R2/11	BEDROOM	157.9	151.6	151.4	0.2	0.13
R3/11	BEDROOM	120.1	117.1	117.1	0.0	0.00
R4/11	LKD	233.5	229.9	226.1	3.8	1.65
R5/11	BEDROOM	107.3	97.1	31.1	66.0	67.97
R6/11	BEDROOM	106.3	96.8	30.4	66.4	68.60
R8/11	LKD	279.5	272.4	98.0	174.4	64.02
R9/11	BEDROOM	102.8	96.0	30.2	65.8	68.54
R10/11	LKD	252.2	244.2	128.3	115.8	47.42
R12/11	BEDROOM	91.3	81.3	58.3	23.0	28.29
R13/11	BEDROOM	171.4	169.6	156.7	12.9	7.61
R1/12	LKD	200.0	183.8	182.9	0.8	0.44
R2/12	BEDROOM	157.9	152.8	152.5	0.2	0.13
R3/12	BEDROOM	120.1	117.3	117.3	0.0	0.00
R4/12	LKD	233.5	231.2	228.1	3.2	1.38
R5/12	BEDROOM	107.3	97.5	34.8	62.7	64.31
R6/12	BEDROOM	106.3	97.0	34.0	63.0	64.95
R8/12	LKD	279.5	272.7	100.8	171.9	63.04
R9/12	BEDROOM	102.8	96.5	34.5	62.0	64.25
R10/12	LKD	252.2	243.2	135.7	107.5	44.20
R12/12	BEDROOM	91.3	82.7	59.7	23.0	27.81
R13/12	BEDROOM	171.4	169.8	158.7	11.1	6.54
R1/13	LKD	200.0	183.8	183.3	0.5	0.27
R2/13	BEDROOM	157.9	152.8	152.6	0.1	0.07
R3/13	BEDROOM	120.1	117.3	117.3	0.0	0.00
R4/13	LKD	233.5	231.7	229.5	2.1	0.91
R5/13	BEDROOM	107.3	98.5	36.9	61.6	62.54
R6/13	BEDROOM	106.3	97.1	35.9	61.2	63.03
R8/13	LKD	279.5	272.4	106.6	165.9	60.90
R9/13	BEDROOM	102.8	97.3	37.7	59.6	61.25
R10/13	LKD	252.2	244.8	140.2	104.6	42.73
R12/13	BEDROOM	91.3	82.6	62.0	20.5	24.82
R13/13	BEDROOM	171.4	169.9	159.7	10.2	6.00
R1/14	LKD	200.0	193.9	193.6	0.3	0.15
R2/14	BEDROOM	157.9	151.7	151.7	0.0	0.00
R3/14	BEDROOM	120.1	116.0	116.0	0.0	0.00
R4/14	LKD	233.5	231.3	228.3	3.0	1.30
R5/14	BEDROOM	107.3	100.8	41.8	59.0	58.53
R6/14	BEDROOM	106.3	98.6	40.2	58.4	59.23
R8/14	LKD	279.5	269.3	112.5	156.8	58.23
R9/14	BEDROOM	102.8	96.8	41.2	55.6	57.44
R10/14	LKD	252.2	243.3	146.5	96.8	39.79
R12/14	BEDROOM	91.3	82.9	63.8	19.1	23.04
R13/14	BEDROOM	171.4	169.9	160.8	9.2	5.41
R1/280		195.2	152.7	147.7	5.0	3.27
R1/281		195.2	131.7	126.2	5.4	4.10
R2/281		176.5	169.2	163.5	5.7	3.37

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Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R3/281		81.4	77.0	41.7	35.3	45.84
R1/282		195.2	138.7	131.1	7.6	5.48
R2/282		176.5	171.3	163.8	7.5	4.38
R3/282		81.4	79.3	53.7	25.7	32.41
R17/9		332.7	227.3	227.2	0.1	0.04
R16/10		322.6	230.6	221.9	8.7	3.77
R16/11		322.6	294.8	280.5	14.3	4.85
R16/12		322.6	311.5	307.9	3.6	1.16
Chorlton Mill						
R1/239	BEDROOM	222.5	200.6	184.3	16.3	8.13
R3/239		251.3	239.2	239.2	0.0	0.00
R4/239		232.1	220.9	220.9	0.0	0.00
R5/239		225.8	205.6	205.6	0.0	0.00
R6/239		229.8	199.3	199.3	0.0	0.00
R7/239		232.5	203.6	203.6	0.0	0.00
R8/239		343.7	288.9	283.6	5.2	1.80
R1/240	STUDIO	286.2	272.9	261.7	11.2	4.10
R3/240	LKD	356.4	340.8	275.7	65.1	19.10
R4/240	BEDROOM	150.6	142.2	140.7	1.5	1.05
R5/240	BEDROOM	175.2	162.3	160.4	1.9	1.17
R6/240	BEDROOM	112.7	110.4	110.4	0.0	0.00
R7/240	LKD	376.8	260.4	260.4	0.0	0.00
R8/240	LKD	344.8	248.0	248.0	0.0	0.00
R9/240	BEDROOM	161.6	119.6	119.6	0.0	0.00
R10/240	BEDROOM	173.8	130.0	130.0	0.0	0.00
R11/240	LKD	359.4	259.2	259.2	0.0	0.00
R1/241	LKD	280.7	255.0	250.0	4.9	1.92
R3/241	BEDROOM	170.7	167.9	162.6	5.3	3.16
R4/241	BEDROOM	122.4	120.3	120.3	0.0	0.00
R5/241	LKD	456.5	427.6	330.8	96.8	22.64
R6/241	LKD	471.3	439.0	344.7	94.3	21.48
R7/241	BEDROOM	124.8	119.7	119.7	0.0	0.00
R8/241	BEDROOM	146.9	137.7	131.8	5.9	4.28
R9/241	BEDROOM	122.4	120.6	120.6	0.0	0.00
R10/241	LKD	433.4	345.0	320.2	24.8	7.19
R11/241	LKD	483.7	401.5	384.9	16.6	4.13
R12/241	BEDROOM	135.3	130.3	130.3	0.0	0.00
R1/242	LKD	280.7	270.6	269.6	1.0	0.37
R3/242	BEDROOM	170.7	167.5	162.5	5.1	3.04
R4/242	BEDROOM	122.4	119.8	119.8	0.0	0.00
R5/242	LKD	456.5	446.0	332.2	113.8	25.52
R6/242	LKD	471.3	452.9	346.6	106.3	23.47
R7/242	BEDROOM	124.8	122.6	122.6	0.0	0.00
R8/242	BEDROOM	146.9	145.3	138.9	6.4	4.40
R9/242	BEDROOM	122.4	120.2	120.2	0.0	0.00
R10/242	LKD	433.4	363.2	335.8	27.4	7.54
R11/242	LKD	483.7	425.0	406.0	19.1	4.49
R12/242	BEDROOM	135.3	131.0	131.0	0.0	0.00
R1/243	LKD	280.7	271.0	270.3	0.7	0.26
R3/243	BEDROOM	170.7	167.5	166.9	0.6	0.36
R4/243	BEDROOM	122.4	119.8	119.8	0.0	0.00
R5/243	LKD	456.5	450.1	352.6	97.5	21.66
R6/243	LKD	471.3	462.4	368.3	94.1	20.35
R7/243	BEDROOM	124.8	122.6	122.6	0.0	0.00
R8/243	BEDROOM	146.9	145.3	145.0	0.3	0.21
R9/243	BEDROOM	122.4	120.2	120.2	0.0	0.00

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Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R10/243	LKD	433.4	422.5	379.0	43.6	10.32
R11/243	LKD	483.7	474.6	427.4	47.3	9.97
R12/243	BEDROOM	135.3	132.0	132.0	0.0	0.00
R1/244	LKD	280.7	274.8	274.1	0.7	0.25
R3/244	BEDROOM	176.9	173.6	173.5	0.1	0.06
R4/244	BEDROOM	122.4	119.8	119.8	0.0	0.00
R5/244	LKD	458.6	455.2	370.9	84.3	18.52
R6/244	LKD	484.7	481.1	399.0	82.1	17.07
R7/244	BEDROOM	124.8	122.6	122.6	0.0	0.00
R8/244	BEDROOM	146.9	145.3	145.3	0.0	0.00
R9/244	BEDROOM	111.1	109.5	109.5	0.0	0.00
R10/244	LKD	439.0	436.1	392.1	44.0	10.09
R11/244	LKD	483.7	479.7	432.7	47.0	9.80
R12/244	BEDROOM	135.3	132.2	132.2	0.0	0.00
R1/245		276.9	272.6	271.9	0.7	0.26
R3/245	BEDROOM	176.9	174.1	121.4	52.8	30.33
R4/245	BEDROOM	122.4	120.4	110.5	9.9	8.22
R5/245	LKD	427.1	412.8	285.8	127.0	30.77
R6/245	LKD	451.4	433.4	307.8	125.5	28.96
R7/245	BEDROOM	124.8	123.1	112.9	10.2	8.29
R8/245	BEDROOM	146.9	144.5	100.4	44.1	30.52
R9/245	BEDROOM	111.1	110.1	103.8	6.3	5.72
R10/245	LKD	408.9	391.0	348.0	42.9	10.97
R11/245	LKD	450.6	431.1	381.6	49.5	11.48
R12/245	BEDROOM	135.3	132.7	125.8	6.9	5.20
R1/250		358.4	348.2	348.2	0.0	0.00
R2/250		84.3	83.5	83.5	0.0	0.00
R1/251	BEDROOM	242.0	236.5	236.5	0.0	0.00
R2/251	BEDROOM	161.9	157.0	157.0	0.0	0.00
R3/251	LKD	487.6	478.5	476.7	1.8	0.38
R1/252	BEDROOM	242.0	237.5	237.5	0.0	0.00
R2/252	BEDROOM	161.9	157.1	157.1	0.0	0.00
R3/252	LKD	487.6	479.1	479.1	0.0	0.00
R1/253	BEDROOM	242.0	240.7	240.7	0.0	0.00
R2/253	BEDROOM	161.9	157.1	157.1	0.0	0.00
R3/253	LKD	487.6	479.5	479.5	0.0	0.00
R1/254	BEDROOM	242.0	239.2	239.2	0.0	0.00
R2/254	BEDROOM	161.9	157.7	148.7	9.0	5.71
R3/254	LKD	487.6	480.2	480.0	0.2	0.04
R1/255		117.6	114.9	114.9	0.0	0.00
R2/255		563.3	563.3	563.3	0.0	0.00
5 Cambridge Street (Cambridge Mill)						
R1/29		163.9	142.8	141.8	1.0	0.70
R2/29		144.0	123.2	122.6	0.7	0.57
R3/29		143.8	124.2	124.0	0.2	0.16
R4/29		145.1	125.9	125.9	0.0	0.00
R5/29		143.4	125.5	125.5	0.0	0.00
R6/29		143.8	126.2	126.2	0.0	0.00
R7/29		168.1	146.2	146.2	0.0	0.00
R8/29		144.3	130.3	130.3	0.0	0.00
R9/29		144.5	132.1	132.1	0.0	0.00
R10/29		188.6	186.2	186.2	0.0	0.00
R1/30		163.9	149.7	149.7	0.0	0.00
R2/30		144.0	131.5	131.5	0.0	0.00
R3/30		143.8	131.7	131.7	0.0	0.00

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Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R4/30		145.1	133.0	133.0	0.0	0.00
R5/30		143.4	131.7	131.7	0.0	0.00
R6/30		143.8	131.7	131.7	0.0	0.00
R7/30		168.1	153.1	153.1	0.0	0.00
R8/30		144.3	134.5	134.5	0.0	0.00
R9/30		144.5	135.3	135.3	0.0	0.00
R10/30		188.6	187.7	187.7	0.0	0.00
R1/31		163.9	139.3	138.1	1.2	0.86
R2/31		163.9	141.2	139.7	1.5	1.06
R3/31		144.0	122.7	121.7	1.0	0.81
R4/31		143.8	123.1	120.8	2.3	1.87
R5/31		145.1	125.6	124.0	1.6	1.27
R6/31		143.4	124.5	123.0	1.5	1.20
R7/31		143.8	124.3	123.4	0.9	0.72
R8/31		168.1	145.1	144.4	0.7	0.48
R9/31		165.8	146.7	146.7	0.0	0.00
R10/31		145.0	129.3	129.3	0.0	0.00
R11/31		144.3	130.4	130.4	0.0	0.00
R12/31		144.5	131.9	131.9	0.0	0.00
R13/31		188.5	187.2	187.2	0.0	0.00
R1/32		163.9	142.0	142.0	0.0	0.00
R2/32		163.9	143.5	143.3	0.2	0.14
R3/32		144.0	125.3	124.3	1.0	0.80
R4/32		143.8	125.8	123.0	2.8	2.23
R5/32		145.1	128.2	126.2	1.9	1.48
R6/32		143.4	126.3	125.1	1.2	0.95
R7/32		143.8	125.7	125.3	0.4	0.32
R8/32		168.1	147.2	146.4	0.8	0.54
R9/32		165.8	147.7	147.7	0.0	0.00
R10/32		145.0	130.7	130.7	0.0	0.00
R11/32		144.3	131.2	131.2	0.0	0.00
R12/32		144.5	133.1	133.1	0.0	0.00
R13/32		188.5	187.8	187.8	0.0	0.00
R1/33		163.9	144.5	144.5	0.0	0.00
R2/33		163.9	147.2	147.2	0.0	0.00
R3/33		144.0	128.4	127.1	1.3	1.01
R4/33		143.8	128.9	126.9	2.0	1.55
R5/33		145.1	130.4	129.3	1.1	0.84
R6/33		143.4	127.7	126.9	0.8	0.63
R7/33		143.8	128.0	127.5	0.5	0.39
R8/33		168.1	149.4	148.1	1.3	0.87
R9/33		165.8	149.6	149.4	0.2	0.13
R10/33		145.0	132.2	132.1	0.1	0.08
R11/33		144.3	132.5	132.4	0.0	0.00
R12/33		144.5	134.2	134.2	0.0	0.00
R13/33		188.5	187.8	187.8	0.0	0.00
R1/34		163.9	145.2	145.2	0.0	0.00
R2/34		163.9	147.9	147.9	0.0	0.00
R3/34		144.0	129.2	127.9	1.3	1.01
R4/34		143.8	129.6	127.7	1.9	1.47
R5/34		145.1	131.0	130.2	0.8	0.61
R6/34		143.4	128.4	127.7	0.7	0.55
R7/34		143.8	128.7	127.5	1.3	1.01
R8/34		168.1	149.9	148.1	1.8	1.20
R9/34		165.8	149.8	149.3	0.5	0.33
R10/34		145.0	132.2	131.9	0.2	0.15
R11/34		144.3	132.8	132.8	0.0	0.00
R12/34		144.5	134.3	134.3	0.0	0.00

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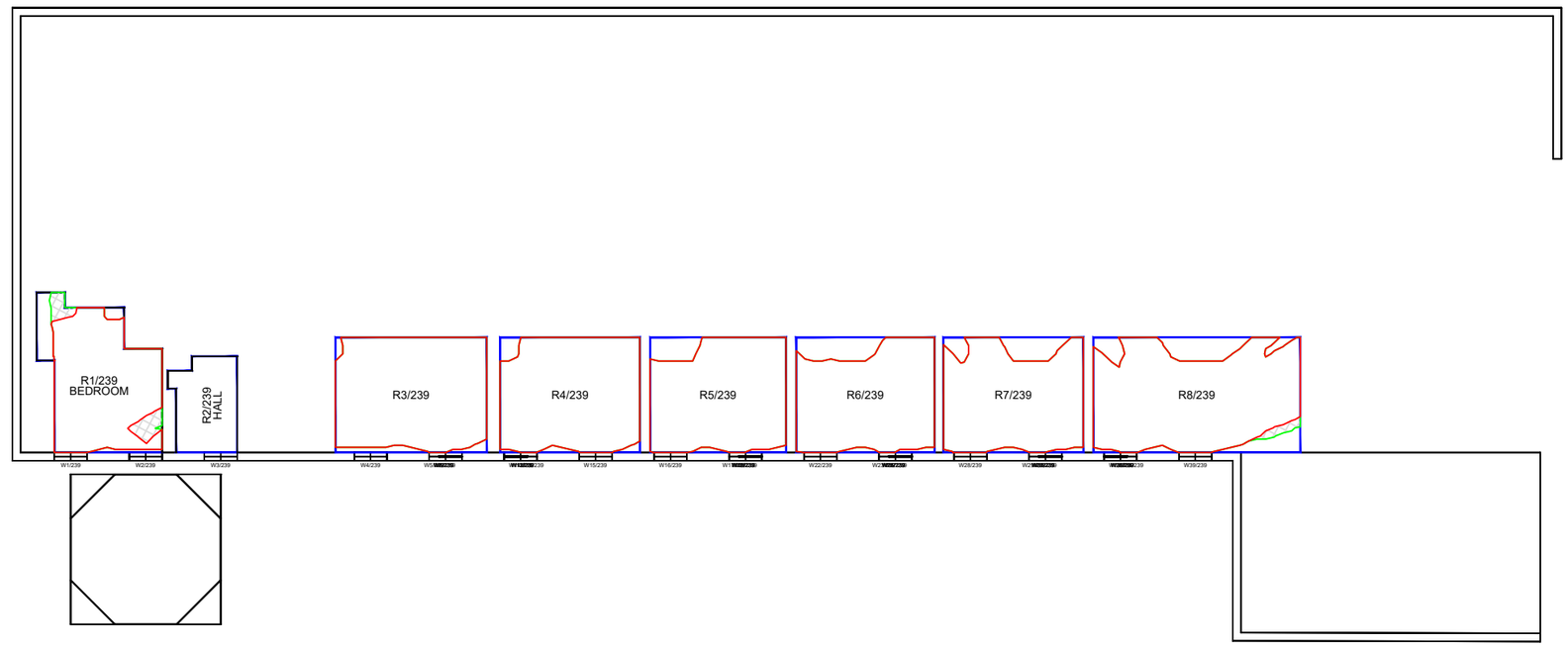
Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R13/34		188.5	187.8	187.8	0.0	0.00
R1/35		139.1	107.6	107.6	0.0	0.00
R2/35		144.0	127.1	127.1	0.0	0.00
R3/35		138.9	122.7	122.7	0.0	0.00
R4/35		143.4	125.7	125.7	0.0	0.00
R5/35		143.8	111.2	111.2	0.0	0.00
R6/35		135.1	119.3	119.3	0.0	0.00
R7/35		155.7	152.0	151.5	0.5	0.33
R8/35		149.5	132.0	132.0	0.0	0.00
R9/35		144.3	127.4	127.4	0.0	0.00
R10/35		144.5	111.8	111.8	0.0	0.00
R11/35		175.8	155.2	155.2	0.0	0.00
Manchester Student Village						
R1/20		223.2	222.1	222.1	0.0	0.00
R2/20		157.2	155.8	155.8	0.0	0.00
R3/20		158.5	157.0	157.0	0.0	0.00
R4/20		157.8	156.4	156.4	0.0	0.00
R5/20		157.7	156.3	156.3	0.0	0.00
R6/20		158.2	156.7	156.7	0.0	0.00
R7/20		157.9	156.5	156.5	0.0	0.00
R8/20		157.6	156.3	156.3	0.0	0.00
R9/20		157.6	156.3	156.3	0.0	0.00
R10/20		157.4	156.1	156.1	0.0	0.00
R11/20		157.0	155.8	155.8	0.0	0.00
R12/20		157.4	156.1	156.1	0.0	0.00
R13/20		157.5	156.2	156.2	0.0	0.00
R1/21		223.2	222.2	222.2	0.0	0.00
R2/21		157.2	155.8	155.8	0.0	0.00
R3/21		158.5	157.0	157.0	0.0	0.00
R4/21		157.8	156.4	156.4	0.0	0.00
R5/21		157.7	156.3	156.3	0.0	0.00
R6/21		158.2	156.7	156.7	0.0	0.00
R7/21		157.9	156.5	156.5	0.0	0.00
R8/21		157.6	156.3	156.3	0.0	0.00
R9/21		157.6	156.3	156.3	0.0	0.00
R10/21		157.4	156.1	156.1	0.0	0.00
R11/21		157.0	155.8	155.8	0.0	0.00
R12/21		157.4	156.1	156.1	0.0	0.00
R13/21		157.5	156.2	156.2	0.0	0.00
R14/21		189.7	186.9	186.9	0.0	0.00
R1/22		223.2	222.9	222.9	0.0	0.00
R2/22		157.2	155.8	155.8	0.0	0.00
R3/22		158.5	157.0	157.0	0.0	0.00
R4/22		157.8	156.4	156.4	0.0	0.00
R5/22		157.7	156.3	156.3	0.0	0.00
R6/22		158.2	156.7	156.7	0.0	0.00
R7/22		157.9	156.5	156.5	0.0	0.00
R8/22		157.6	156.3	156.3	0.0	0.00
R9/22		157.6	156.3	156.3	0.0	0.00
R10/22		157.4	156.1	156.1	0.0	0.00
R11/22		157.0	155.8	155.8	0.0	0.00
R12/22		157.4	156.1	156.1	0.0	0.00
R13/22		157.5	156.2	156.2	0.0	0.00
R14/22		189.7	186.9	186.9	0.0	0.00
R1/23		223.2	222.9	222.9	0.0	0.00
R2/23		157.2	155.8	155.8	0.0	0.00

FIRST STREET
MANCHESTER

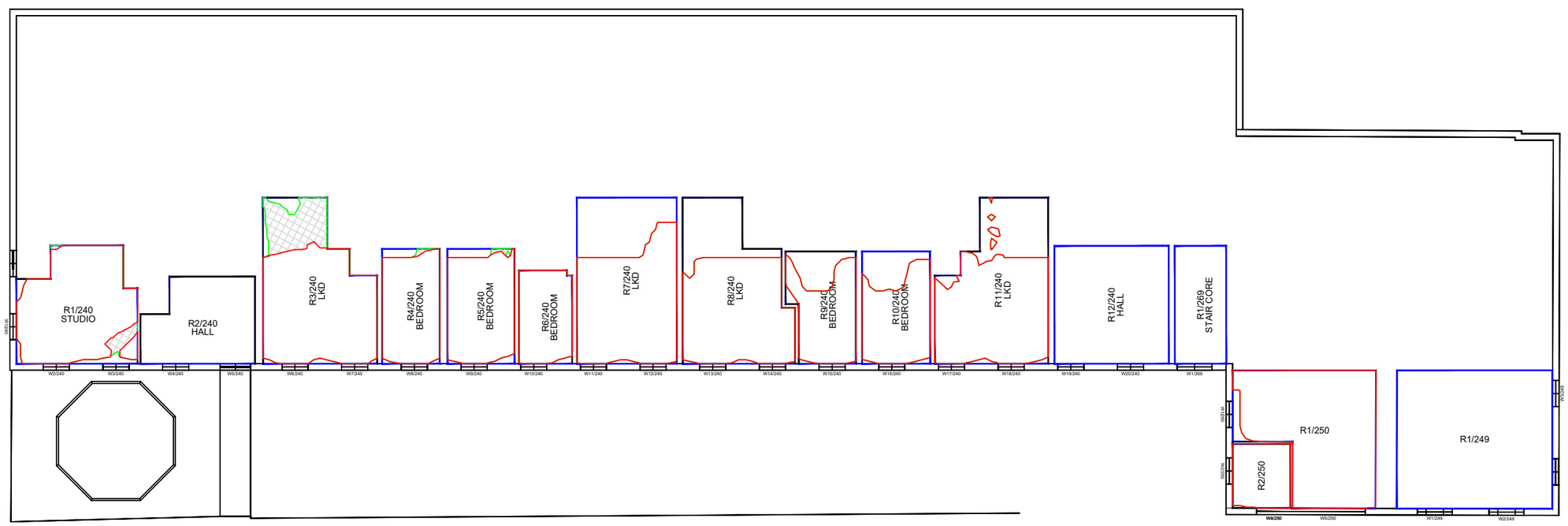
NSL ANALYSIS
BASELINE VS 10A PROPOSED SCHEME + CUMULATIVE

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R3/23		158.5	157.0	157.0	0.0	0.00
R4/23		157.8	156.4	156.4	0.0	0.00
R5/23		157.7	156.3	156.3	0.0	0.00
R6/23		158.2	156.7	156.7	0.0	0.00
R7/23		157.9	156.5	156.5	0.0	0.00
R8/23		157.6	156.3	156.3	0.0	0.00
R9/23		157.6	156.3	156.3	0.0	0.00
R10/23		157.4	156.1	156.1	0.0	0.00
R11/23		157.0	155.8	155.8	0.0	0.00
R12/23		157.4	156.1	156.1	0.0	0.00
R13/23		157.5	156.2	156.2	0.0	0.00
R14/23		189.7	186.9	186.9	0.0	0.00
R1/24		223.2	222.9	222.9	0.0	0.00
R2/24		157.2	155.8	155.8	0.0	0.00
R3/24		158.5	157.0	157.0	0.0	0.00
R4/24		157.8	156.4	156.4	0.0	0.00
R5/24		157.7	156.3	156.3	0.0	0.00
R6/24		158.2	156.7	156.7	0.0	0.00
R7/24		157.9	156.5	156.5	0.0	0.00
R8/24		157.6	156.3	156.3	0.0	0.00
R9/24		157.6	156.3	156.3	0.0	0.00
R10/24		157.4	156.1	156.1	0.0	0.00
R11/24		157.0	155.8	155.8	0.0	0.00
R12/24		157.4	156.1	156.1	0.0	0.00
R13/24		157.5	156.2	156.2	0.0	0.00
R14/24		189.7	186.9	186.9	0.0	0.00
R1/25		223.2	222.9	222.9	0.0	0.00
R2/25		157.2	155.8	155.8	0.0	0.00
R3/25		158.5	157.0	157.0	0.0	0.00
R4/25		157.8	156.4	156.4	0.0	0.00
R5/25		157.7	156.3	156.3	0.0	0.00
R6/25		158.2	156.7	156.7	0.0	0.00
R7/25		157.9	156.5	156.5	0.0	0.00
R8/25		157.6	156.3	156.3	0.0	0.00
R9/25		157.6	156.3	156.3	0.0	0.00
R10/25		157.4	156.1	156.1	0.0	0.00
R11/25		157.0	155.8	155.8	0.0	0.00
R12/25		157.4	156.1	156.1	0.0	0.00
R13/25		157.5	156.2	156.2	0.0	0.00
R14/25		189.7	186.9	186.9	0.0	0.00
R1/26		131.4	130.4	130.4	0.0	0.00
R2/26		157.2	156.0	156.0	0.0	0.00
R3/26		158.5	157.3	157.3	0.0	0.00
R4/26		157.8	156.5	156.5	0.0	0.00
R5/26		157.7	156.5	156.5	0.0	0.00
R6/26		158.2	157.0	157.0	0.0	0.00
R7/26		157.9	156.6	156.6	0.0	0.00
R8/26		157.6	156.4	156.4	0.0	0.00
R9/26		157.6	156.3	156.3	0.0	0.00
R10/26		157.4	156.2	156.2	0.0	0.00
R11/26		157.0	155.8	155.8	0.0	0.00
R12/26		157.4	156.2	156.2	0.0	0.00
R13/26		157.5	156.2	156.2	0.0	0.00
R14/26		189.7	184.6	184.6	0.0	0.00

SCALE NTS @ A3



LOWER GROUND



GROUND FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

Key:
- Existing NSL Contour
- Proposed NSL Contour
- Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street,
Altrincham, WA14 1ES

Client:
Ask Real Estate

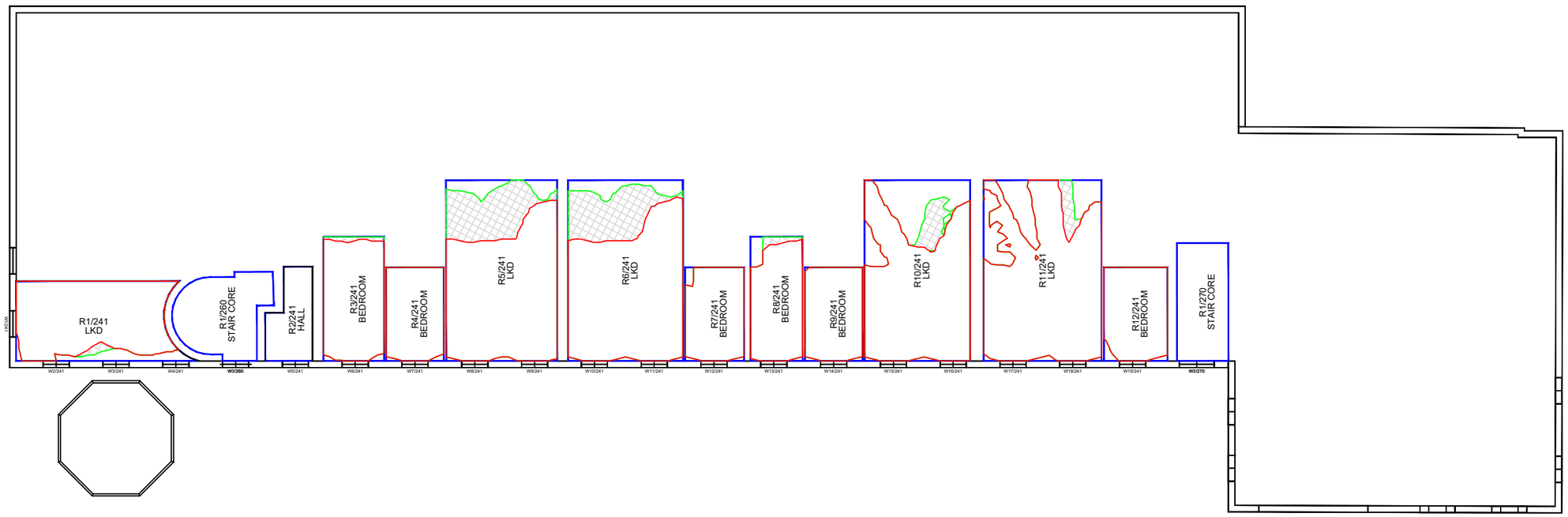
Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A + Cumulative
Chorlton Mill

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W180	-

SCALE NTS @ A3



FIRST FLOOR



SECOND FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

Key:
- Existing NSL Contour
- Proposed NSL Contour
- Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

Project:
First Street, Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A + Cumulative
Chorlton Mill

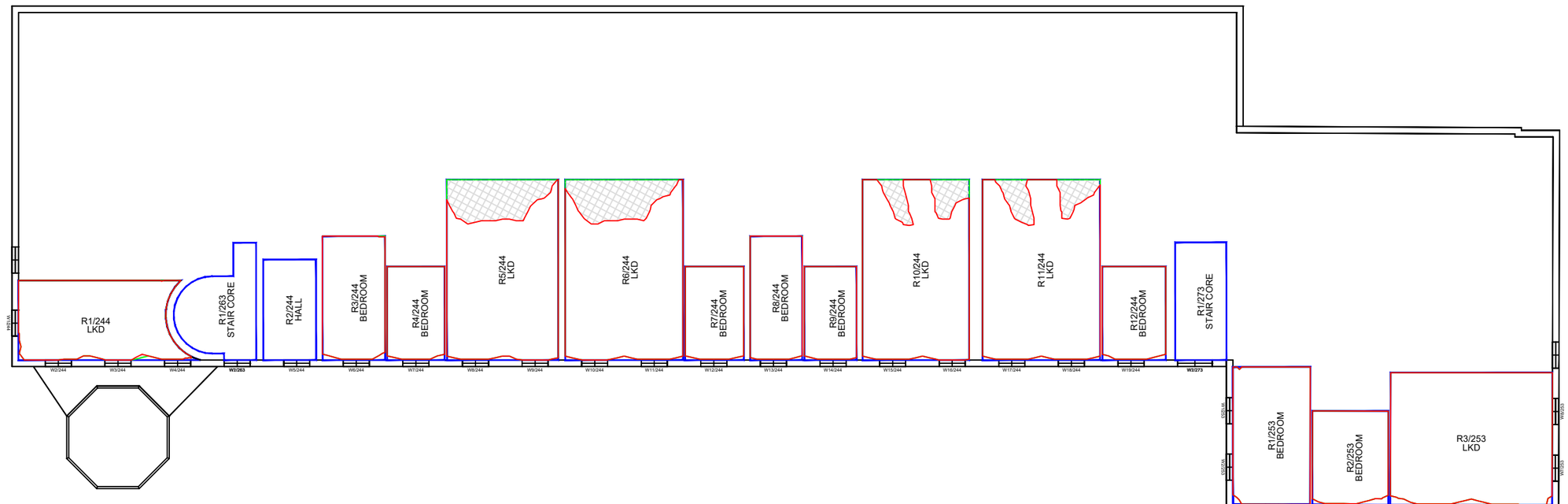
Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W181	-

SCALE NTS @ A3



THIRD FLOOR



FOURTH FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:

Existing NSL Contour

Proposed NSL Contour

Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

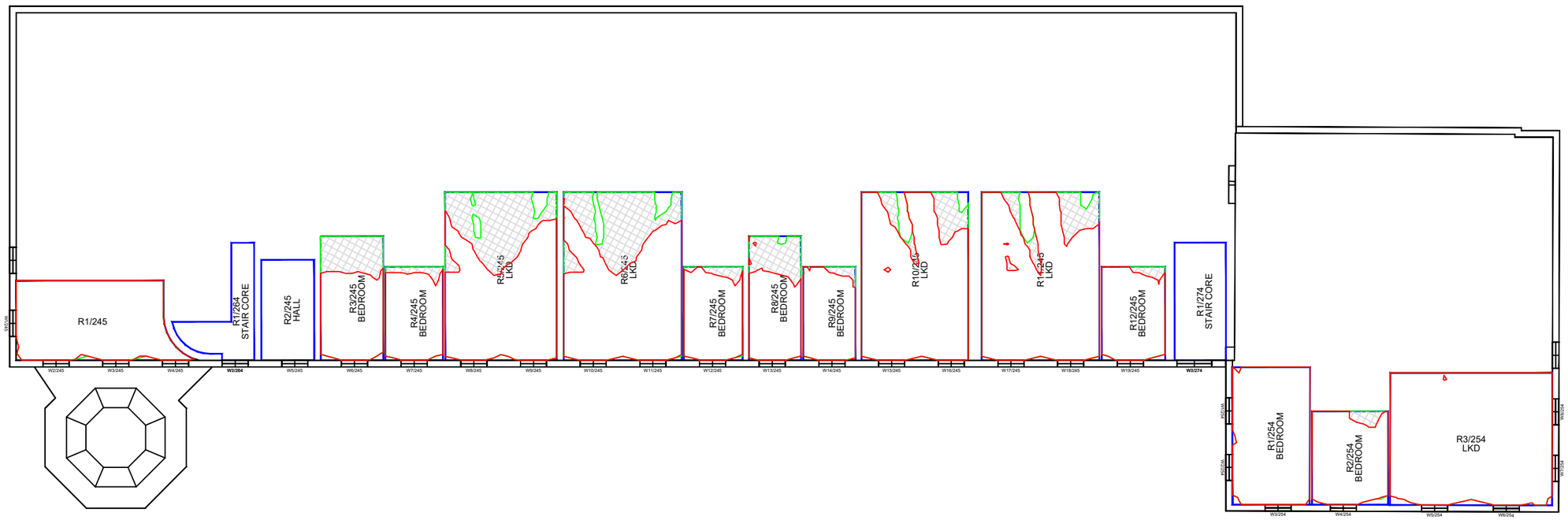
Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A + Cumulative
Chorlton Mill

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W182	-

SCALE NTS @ A3



FIFTH FLOOR



SIXTH FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

Key:
Existing NSL Contour
Proposed NSL Contour
Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

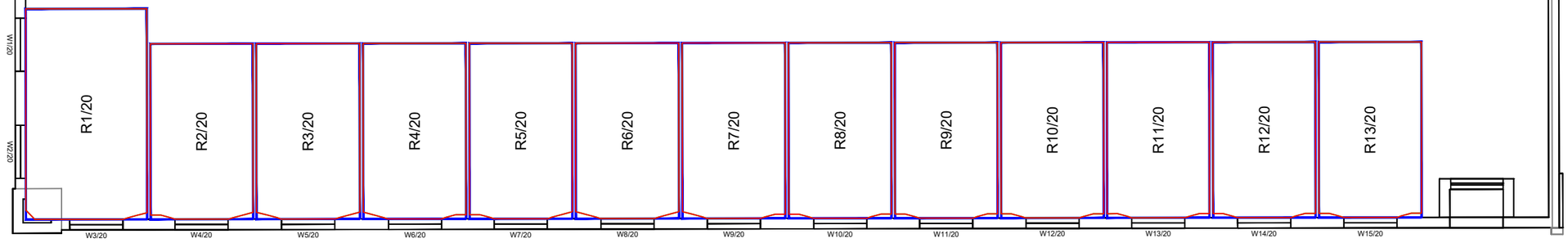
Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A + Cumulative
Chorlton Mill

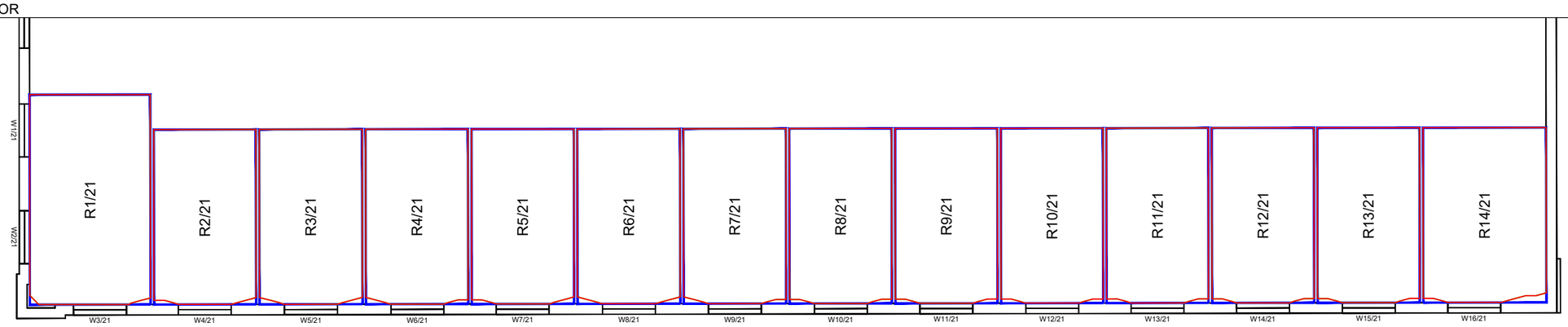
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Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W183	-

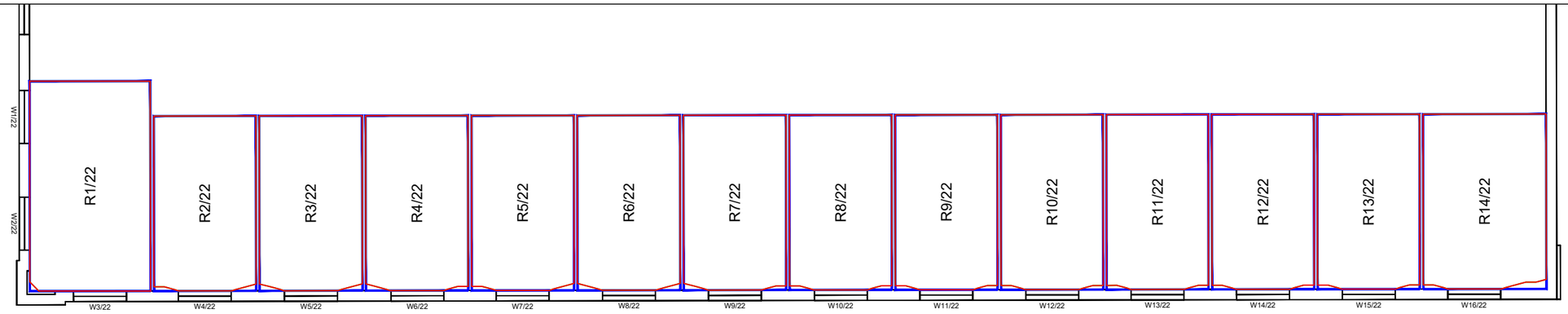
SCALE NTS @ A3



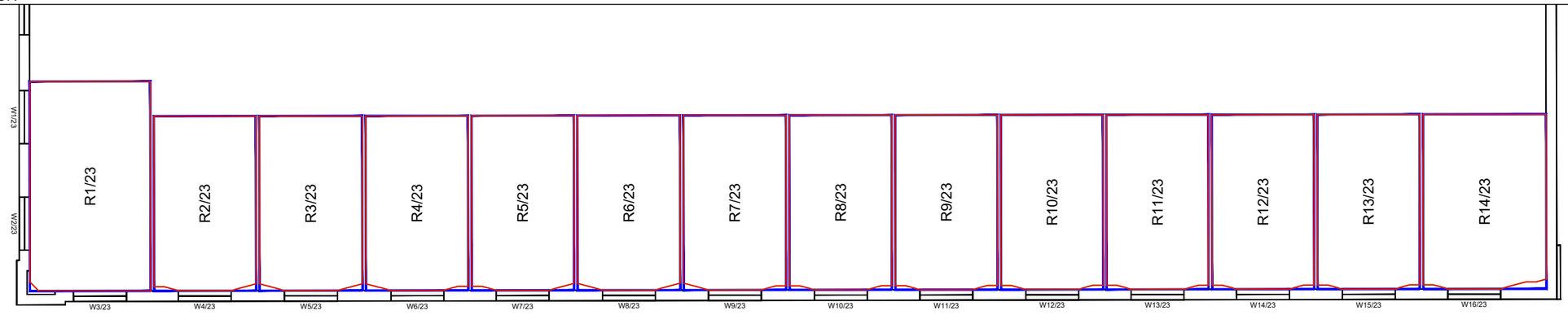
GROUND FLOOR



FIRST FLOOR



SECOND FLOOR



THIRD FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:
- Existing NSL Contour
- Proposed NSL Contour
- Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

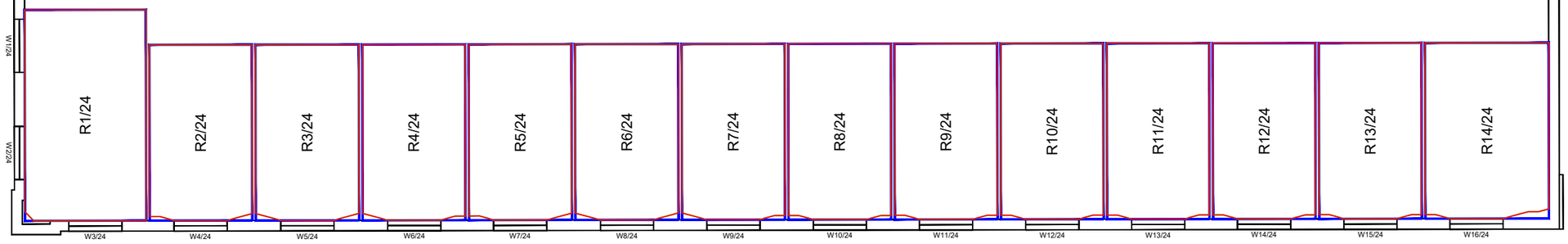
Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A + Cumulative
Manchester Student Village

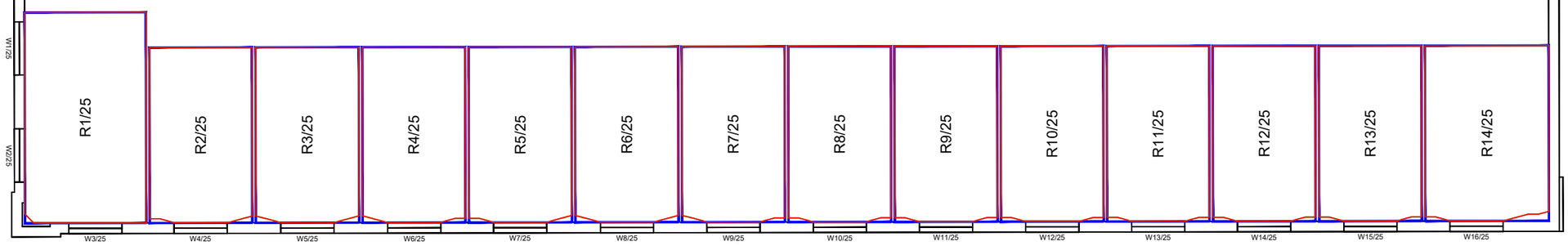
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Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W184	-

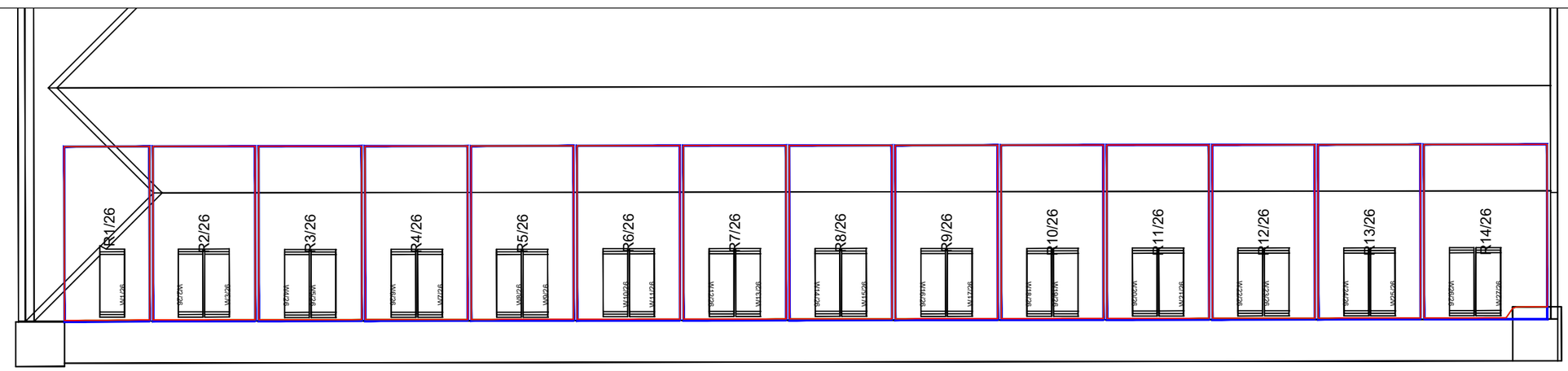
SCALE NTS @ A3



FOURTH FLOOR



FIFTH FLOOR



SIXTH FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:

Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:

Existing NSL Contour

Proposed NSL Contour

Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity

Kennedy House, 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

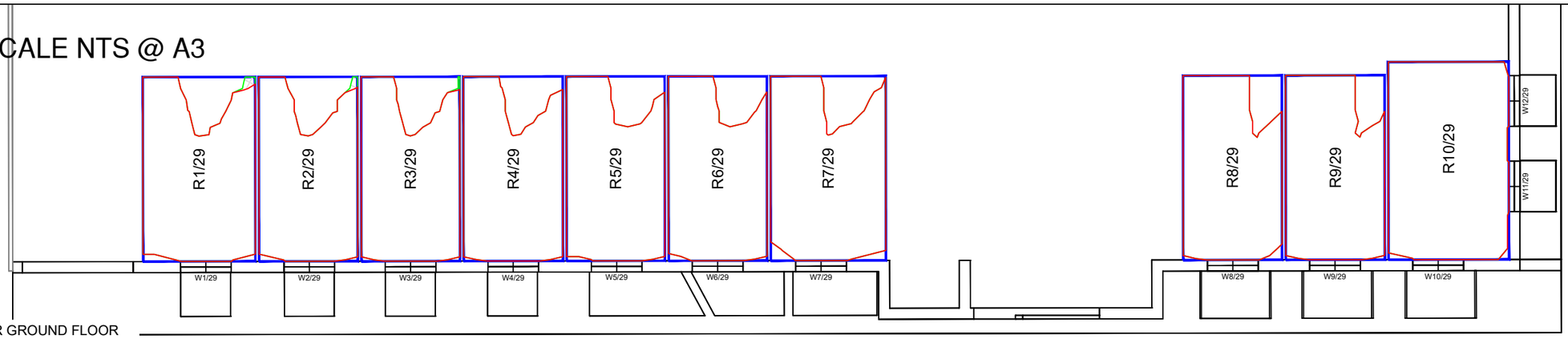
Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A + Cumulative
Manchester Student Village

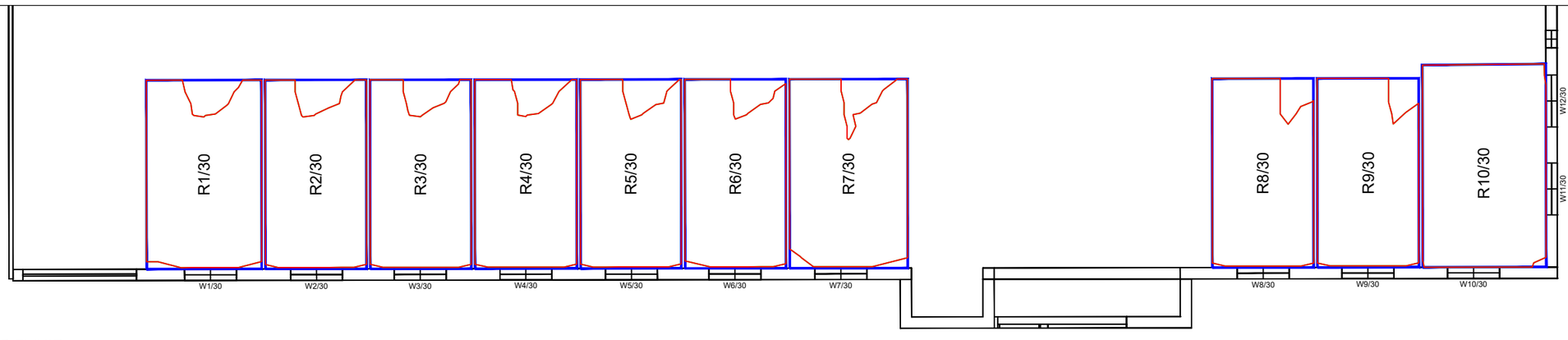
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Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W185	-

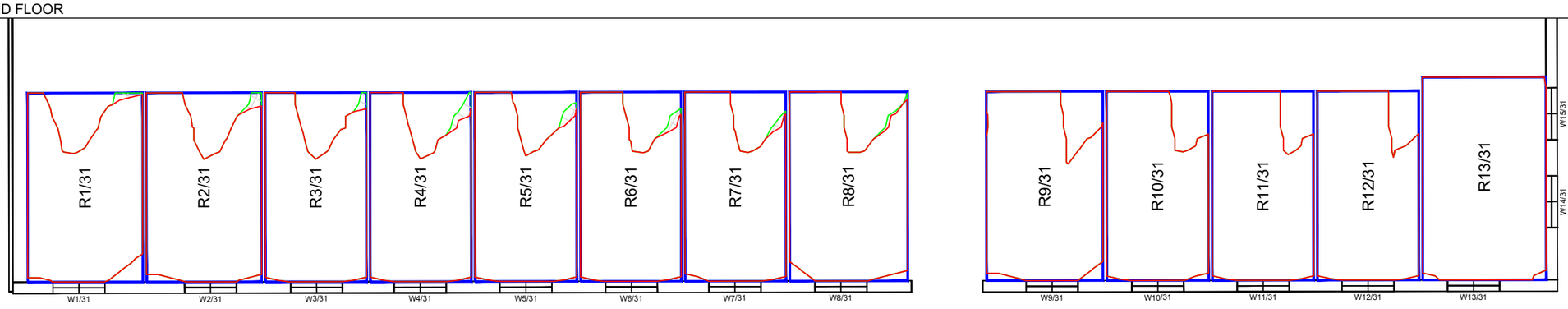
SCALE NTS @ A3



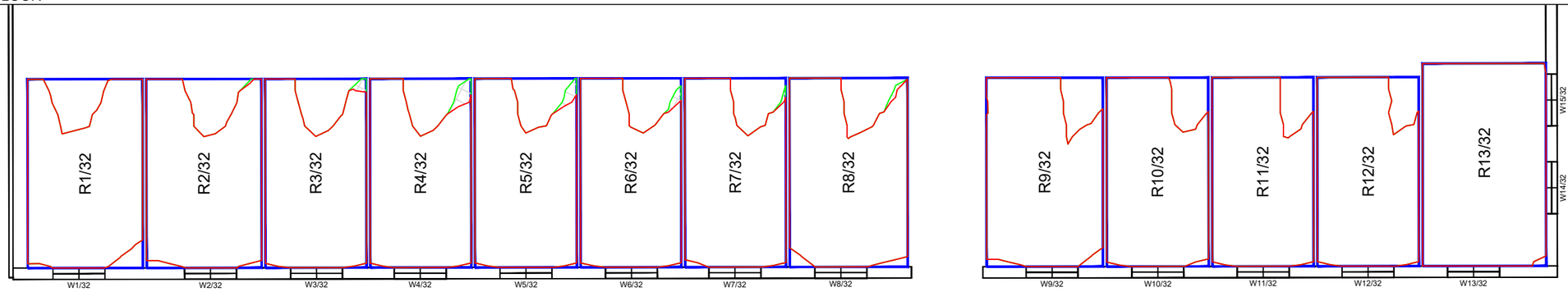
LOWER GROUND FLOOR



GROUND FLOOR



FIRST FLOOR



SECOND FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:

Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:

Existing NSL Contour

Proposed NSL Contour

Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street,
Altrincham, WA14 1ES

Client:
Ask Real Estate

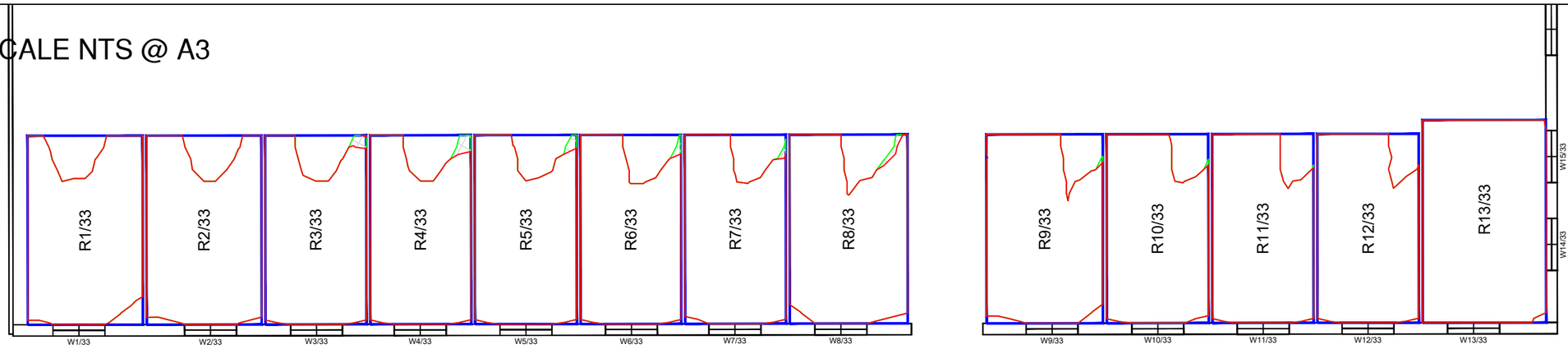
Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A + Cumulative
Cambridge Mill

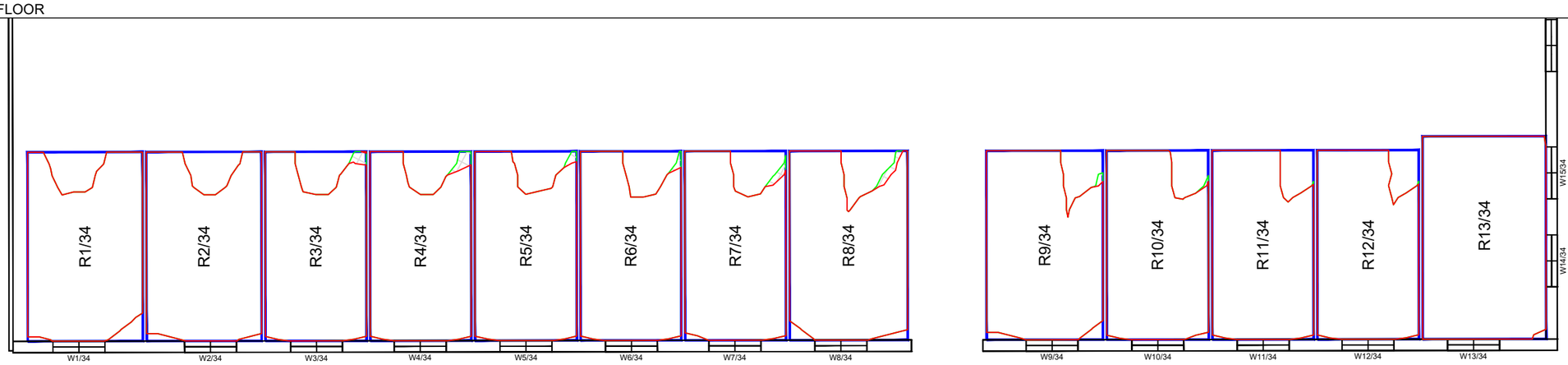
Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W186	-

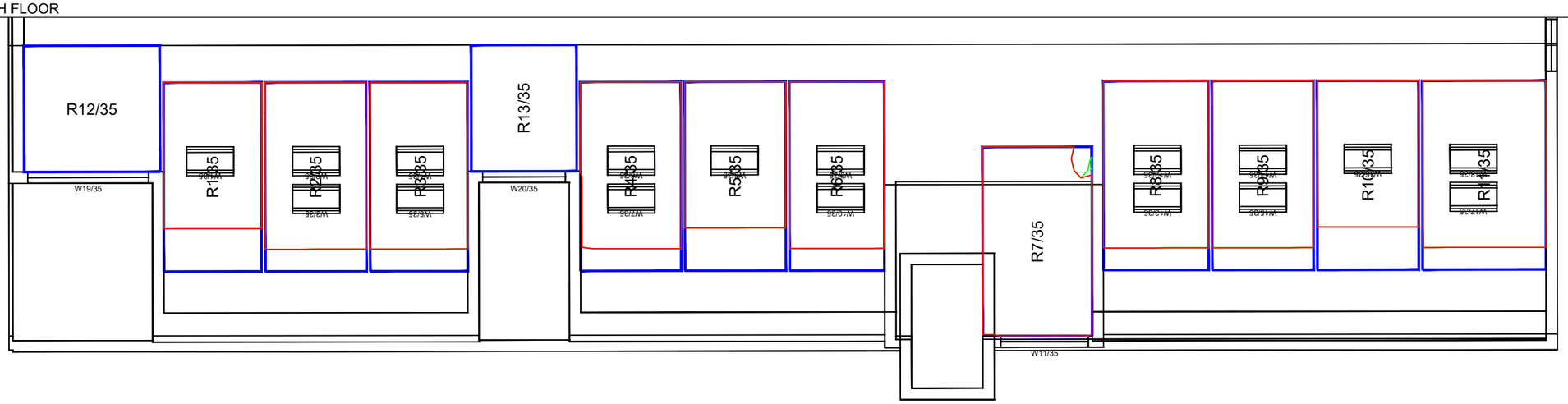
SCALE NTS @ A3



THIRD FLOOR



FOURTH FLOOR



FIFTH FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:

Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:

Existing NSL Contour

Proposed NSL Contour

Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street,
Altrincham, WA14 1ES

Client:
Ask Real Estate

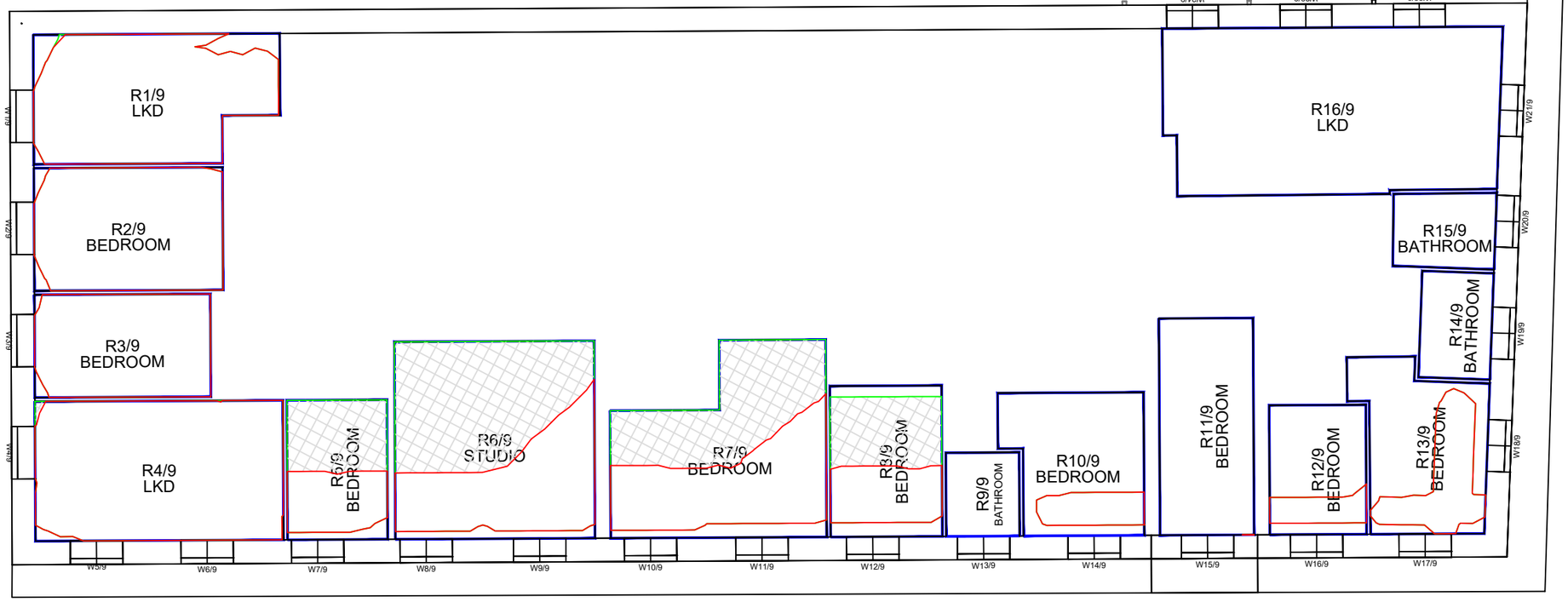
Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme -
Plot 10A + Cumulative
Cambridge Mill

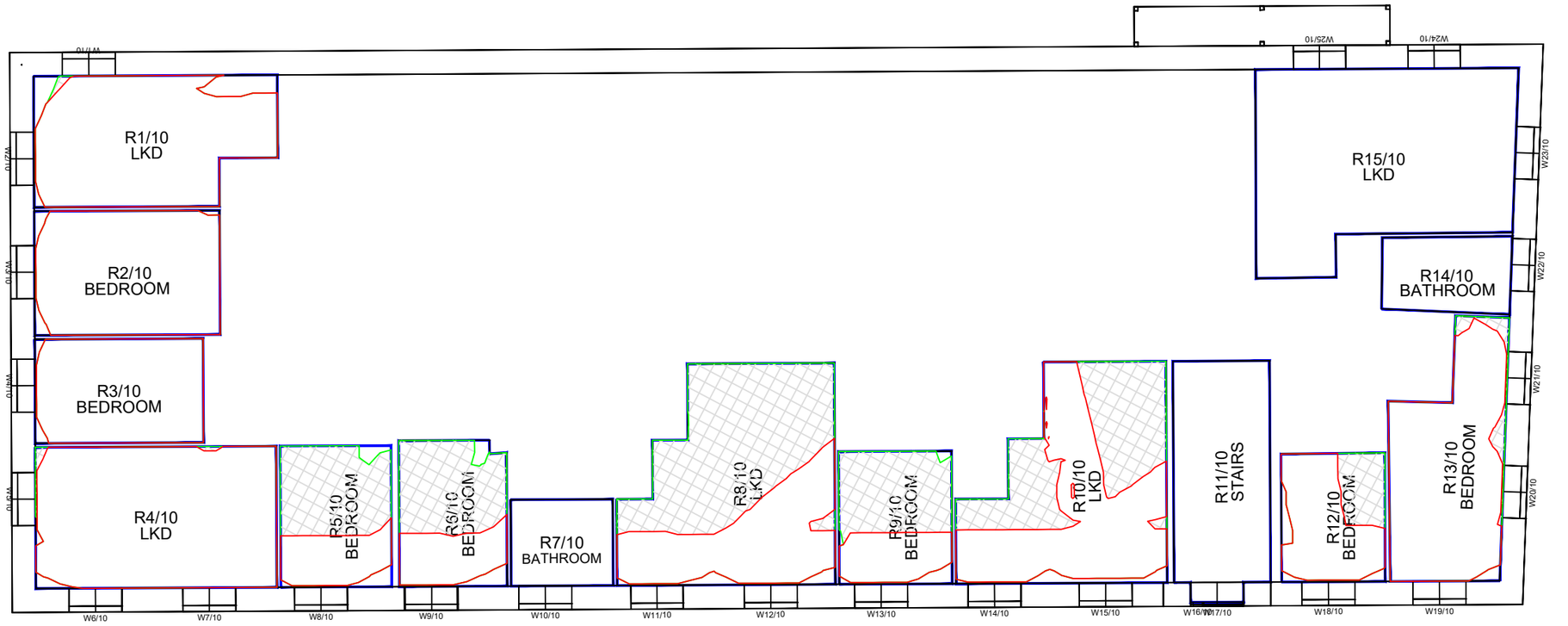
Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W187	-

SCALE NTS @ A3



LOWER GROUND FLOOR



GROUND FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:

Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:

Existing NSL Contour

Proposed NSL Contour

Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street,
Altrincham, WA14 1ES

Client:
Ask Real Estate

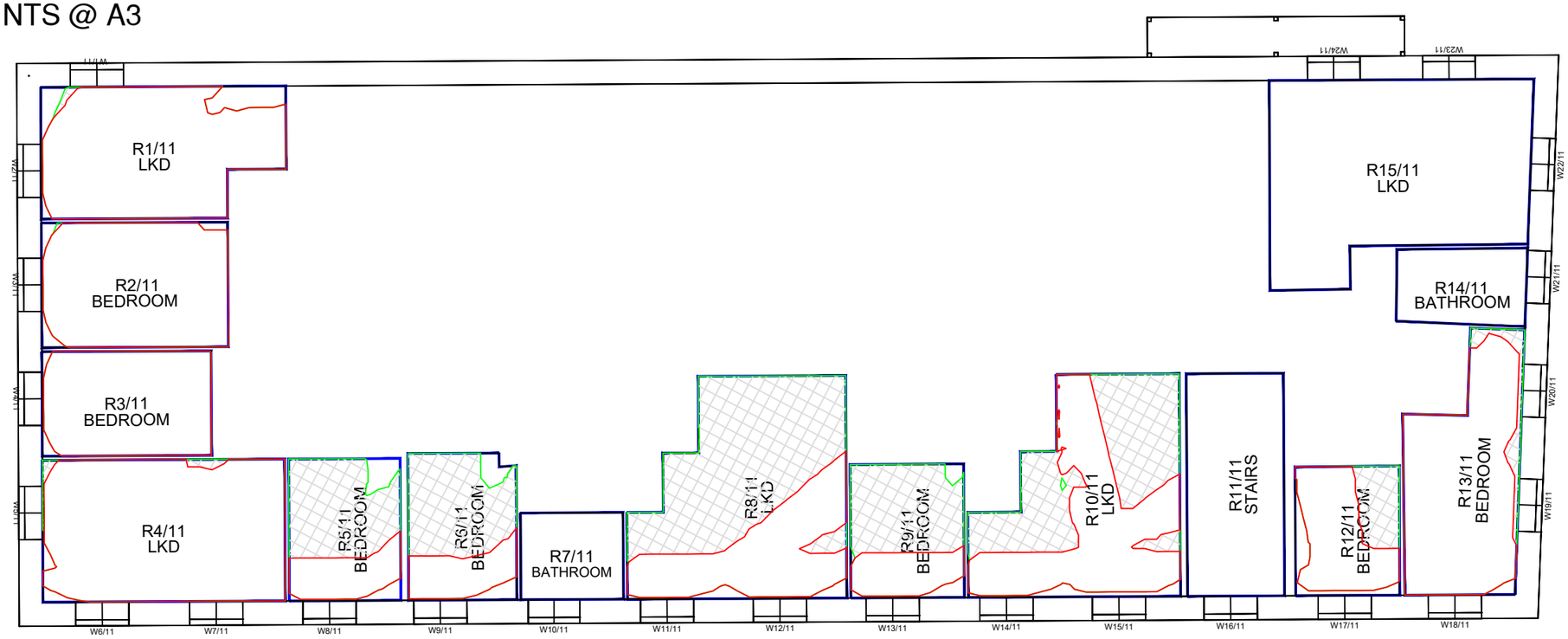
Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme -
Plot 10A + Cumulative
Macintosh Mill

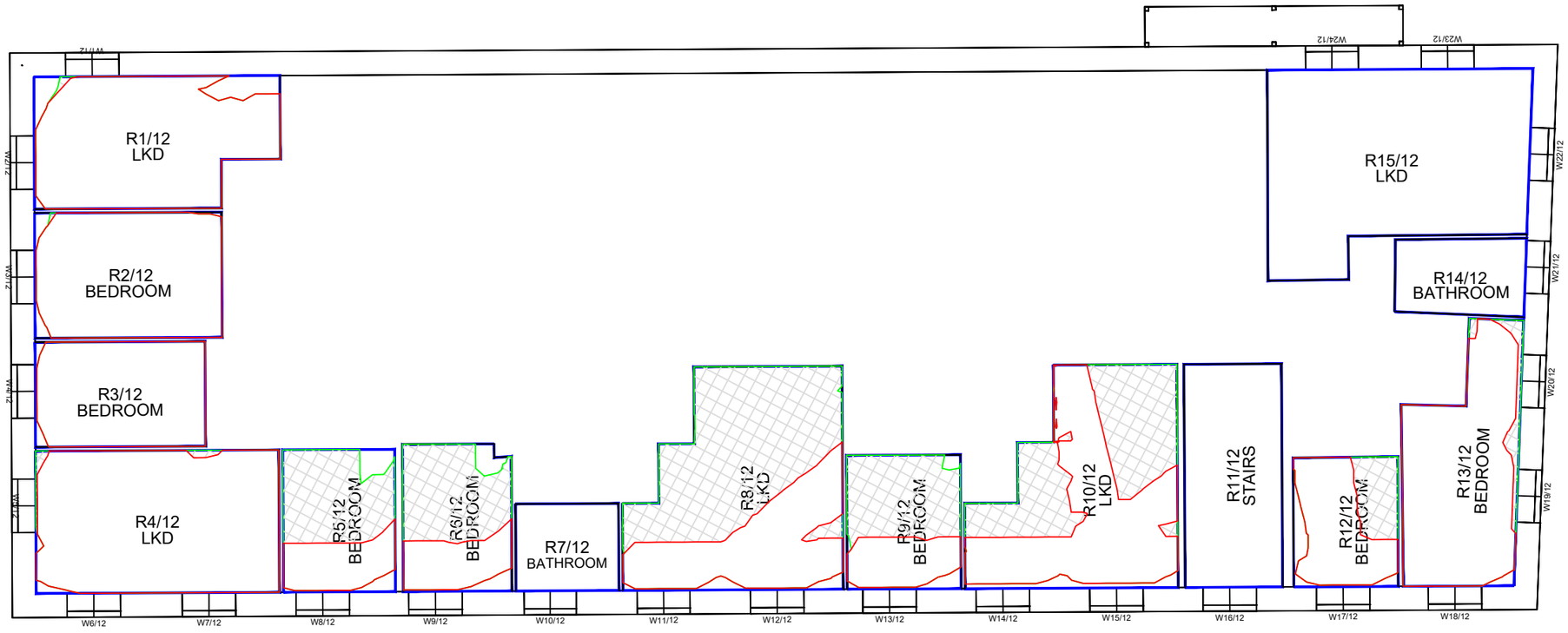
Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W188	-

SCALE NTS @ A3



FIRST FLOOR



SECOND FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:
Existing NSL Contour
Proposed NSL Contour
Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

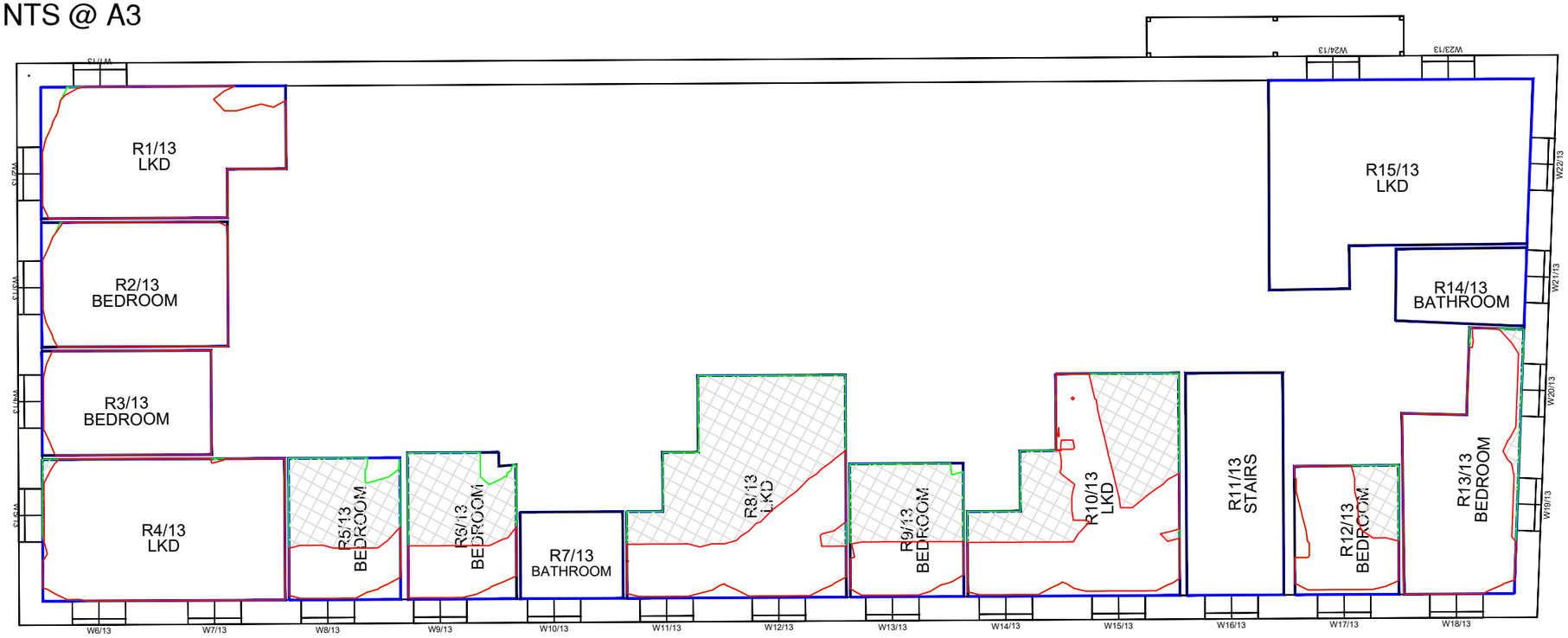
Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A + Cumulative
Macintosh Mill

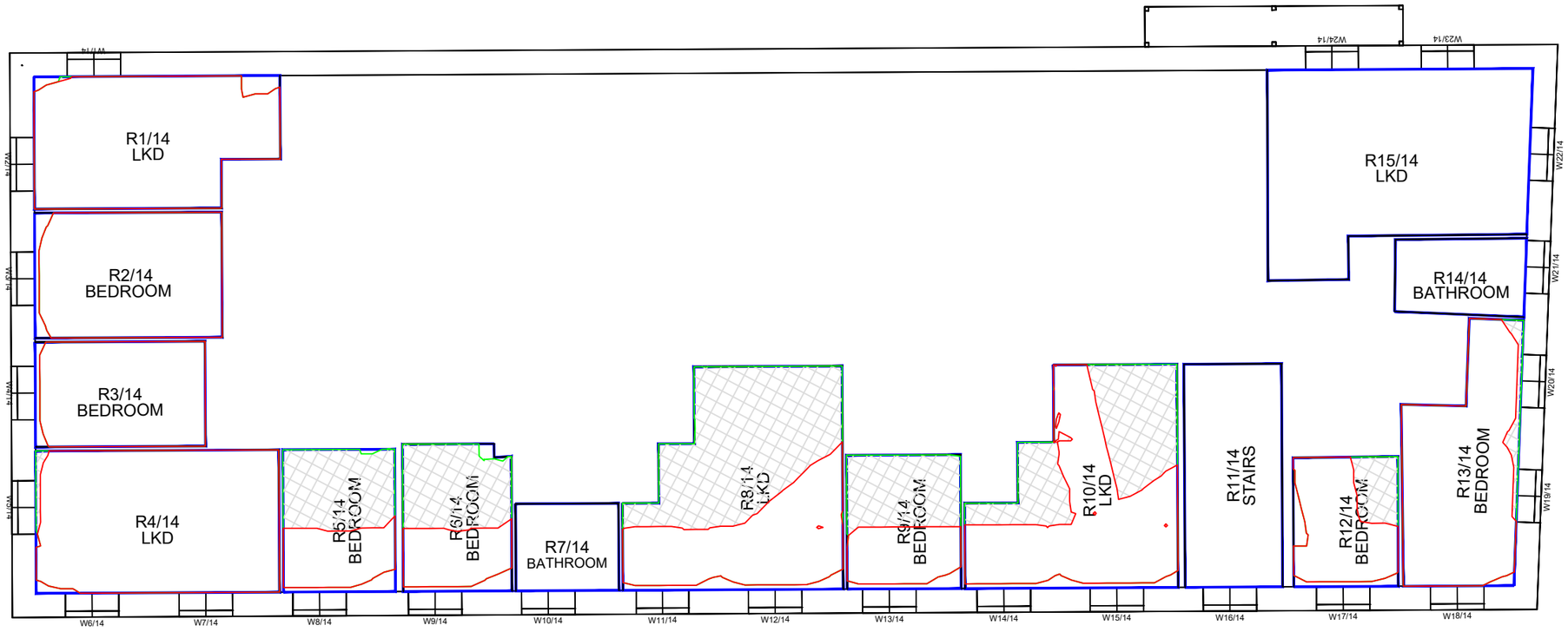
Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W189	-

SCALE NTS @ A3



THIRD FLOOR



FOURTH FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:
- Existing NSL Contour
- Proposed NSL Contour
- Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A + Cumulative
Macintosh Mill

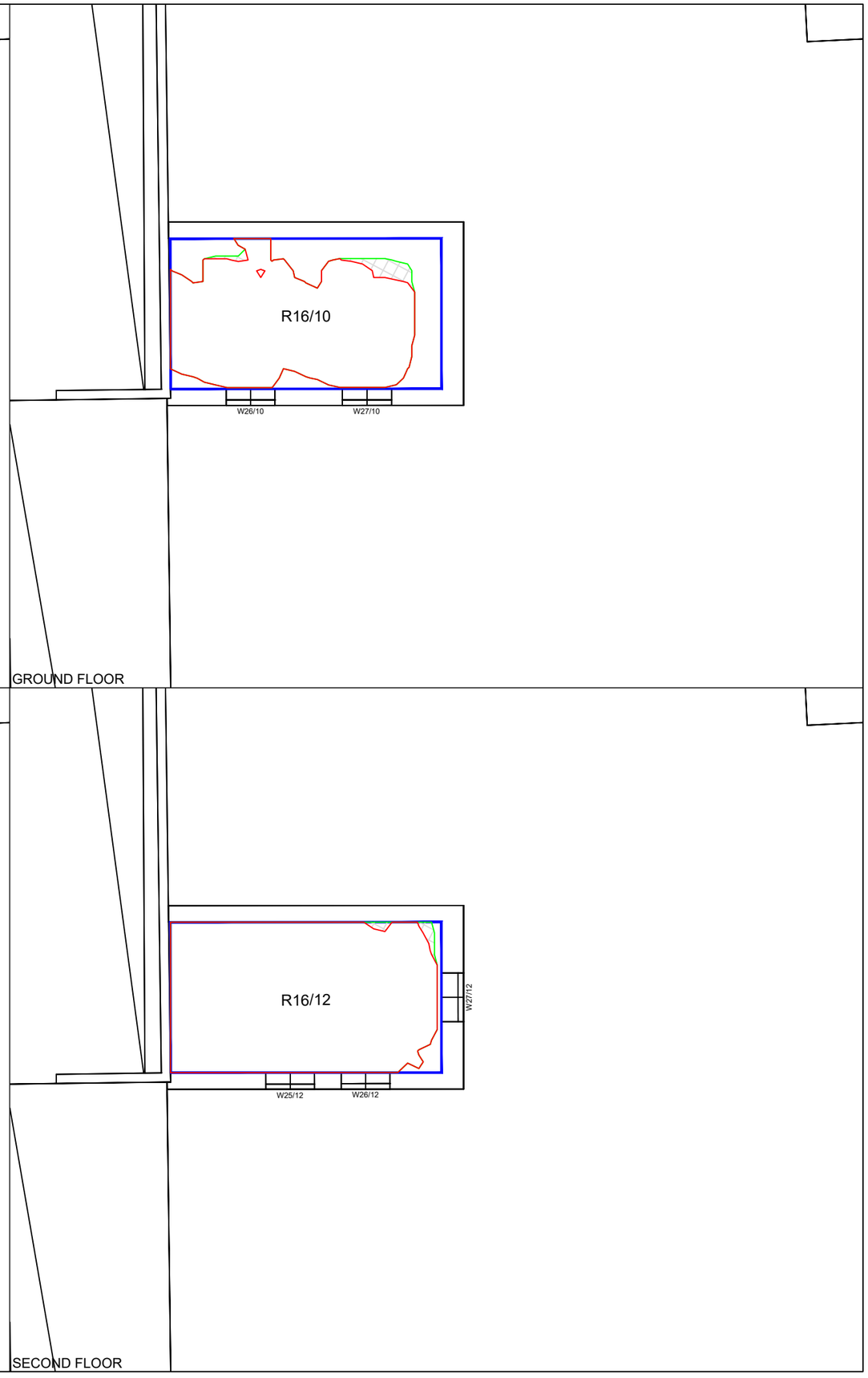
Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W190	-

SCALE NTS @ A3



LOWER GROUND FLOOR



GROUND FLOOR

FIRST FLOOR

SECOND FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:

Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:

Existing NSL Contour

Proposed NSL Contour

Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

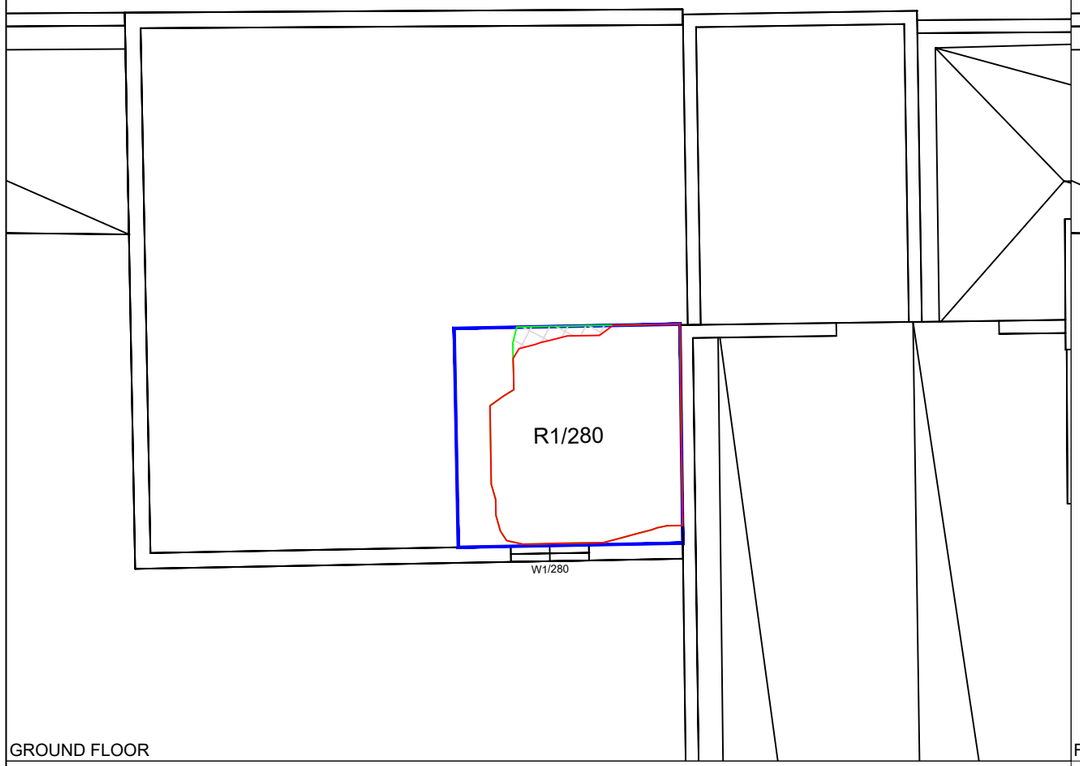
Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A + Cumulative
Macintosh Mill

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W191	-

SCALE NTS @ A3



GROUND FLOOR



FIRST FLOOR



SECOND FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:
Existing NSL Contour
Proposed NSL Contour
Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House. 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A + Cumulative
Macintosh Mill

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W192	-

SCALE NTS @ A3



GROUND FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:

Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:

- Existing NSL Contour
- Proposed NSL Contour
- Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House. 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

Project:
First Street, Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A + Cumulative
City South Apartments

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W193	-

SCALE NTS @ A3



FIRST FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:

Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:

- Existing NSL Contour
- Proposed NSL Contour
- Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

Project:
First Street, Manchester

Drawing Title:
No-Sky Line Contours Baseline vs Proposed Scheme - Plot 10A + Cumulative City South Apartments

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W194	-

SCALE NTS @ A3



SECOND FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:

Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:

- Existing NSL Contour
- Proposed NSL Contour
- Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House. 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A + Cumulative
City South Apartments

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W195	-

SCALE NTS @ A3



THIRD FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:

Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:

- Existing NSL Contour
- Proposed NSL Contour
- Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House. 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

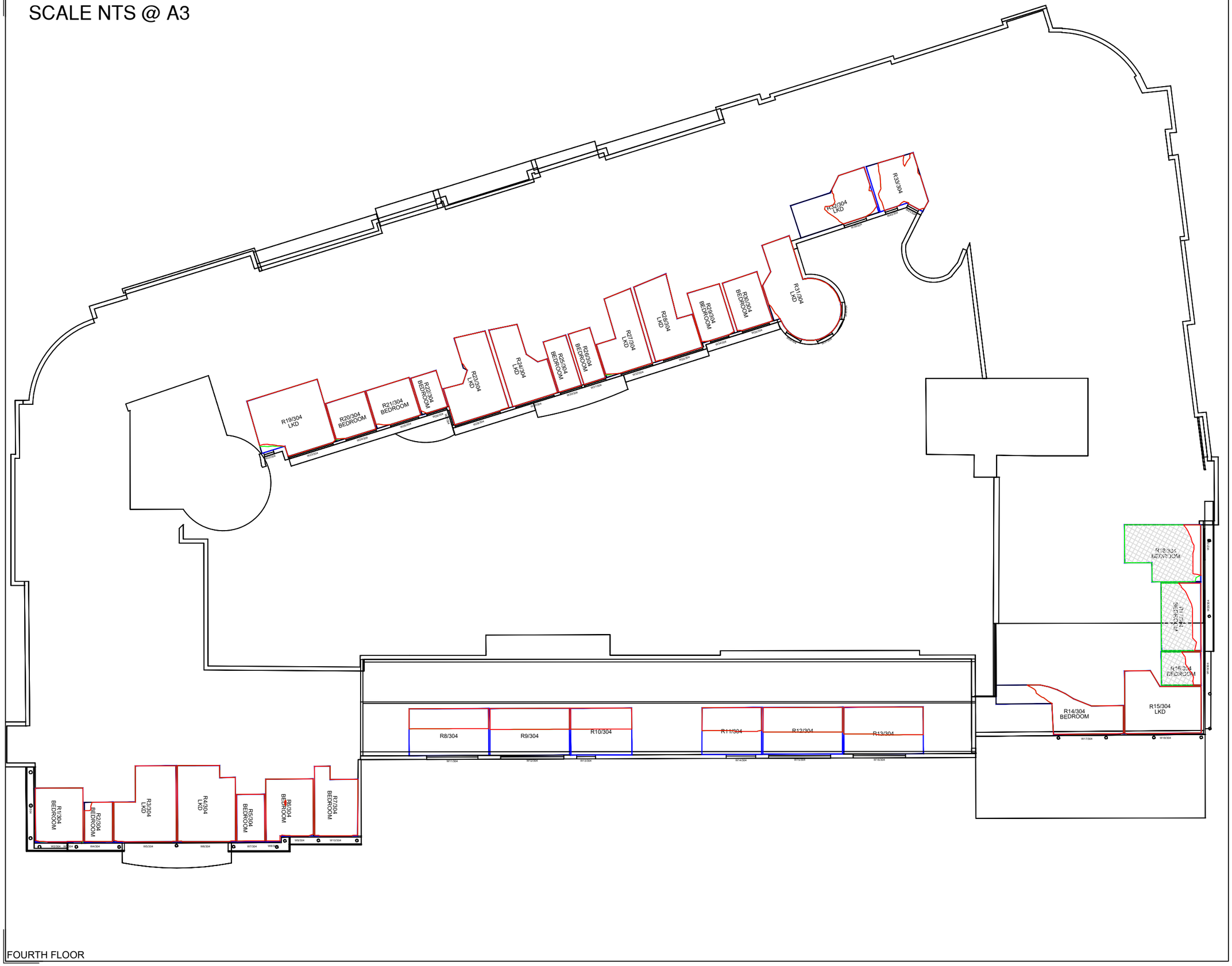
Project:
First Street, Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A + Cumulative
City South Apartments

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W196	-

SCALE NTS @ A3



FOURTH FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:

Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:

- Existing NSL Contour
- Proposed NSL Contour
- Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House. 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

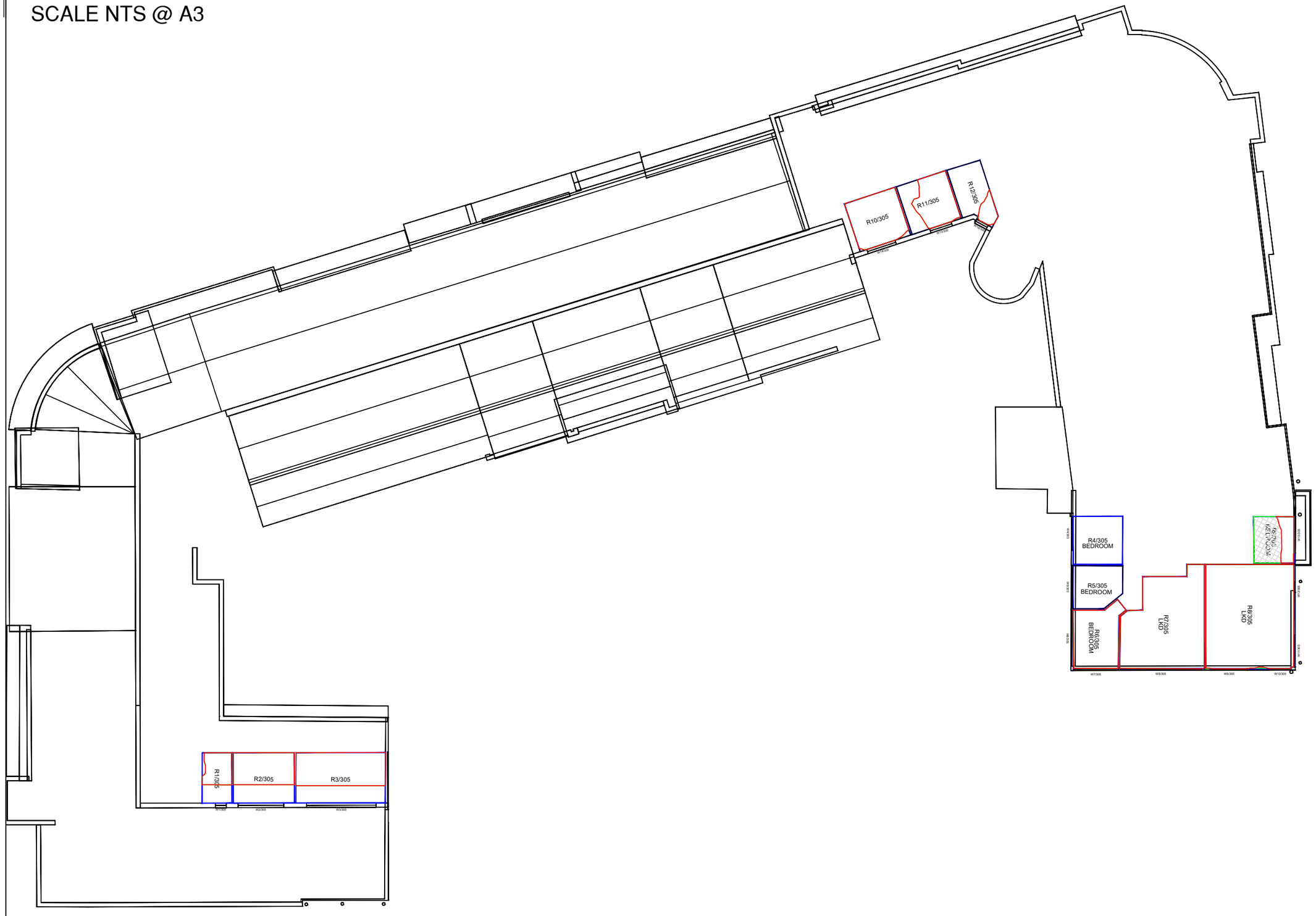
Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A + Cumulative
City South Apartments

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W197	-

SCALE NTS @ A3



FIFTH FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:

Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:

- Existing NSL Contour
- Proposed NSL Contour
- Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street,
Altrincham, WA14 1ES

Client:
Ask Real Estate

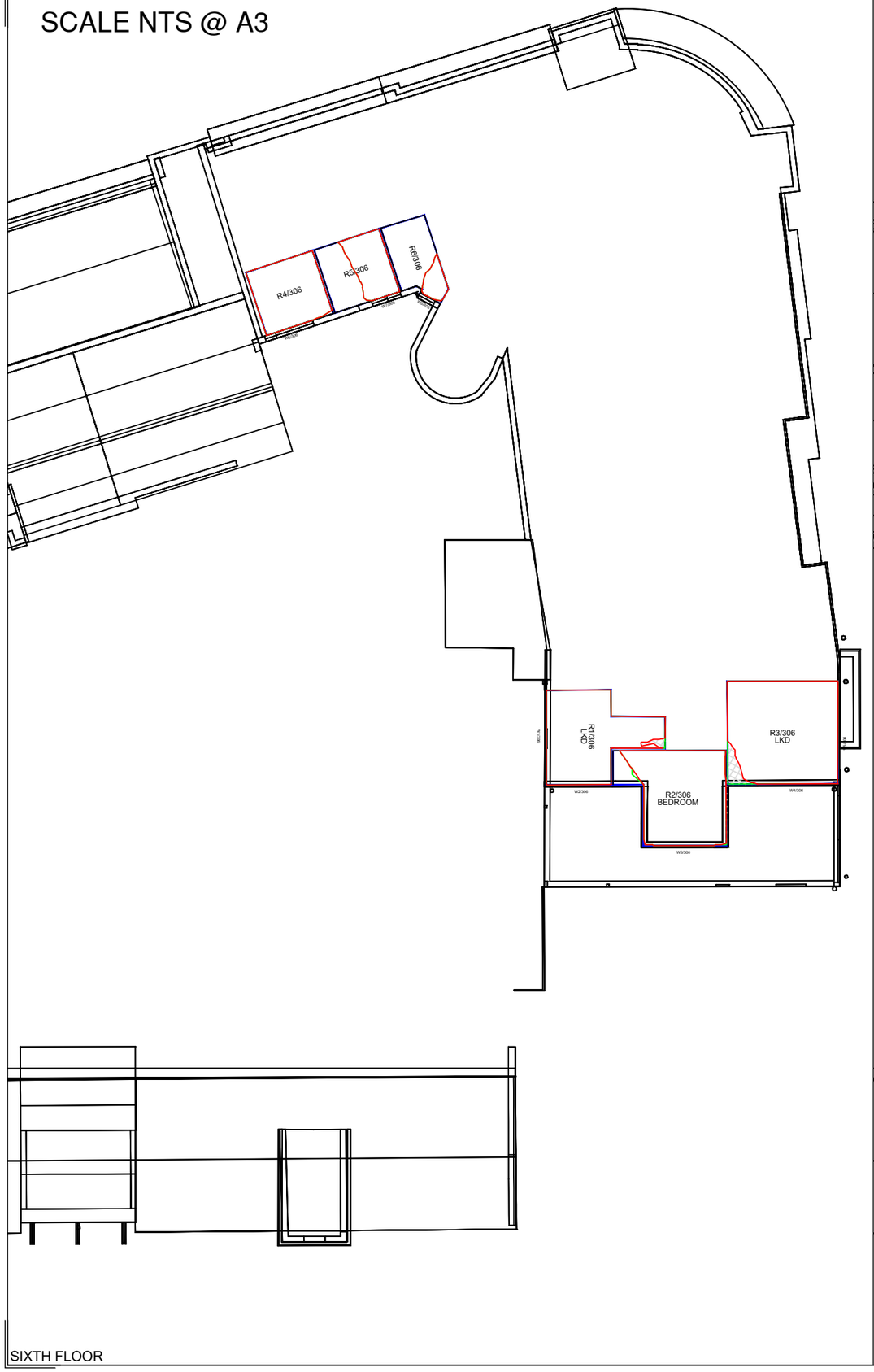
Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme -
Plot 10A + Cumulative
City South Apartments

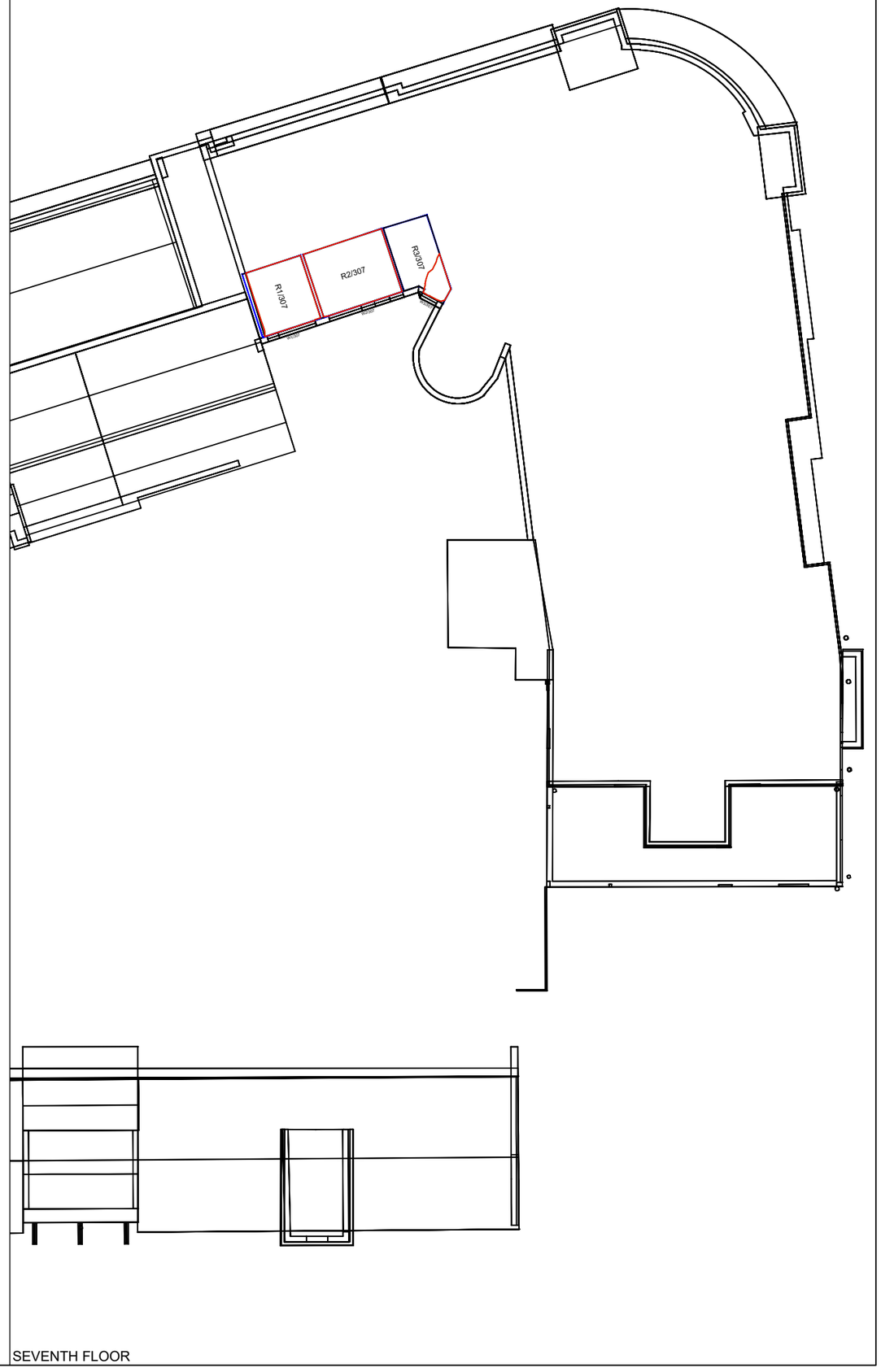
Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W198	-

SCALE NTS @ A3



SIXTH FLOOR



SEVENTH FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:
Existing NSL Contour
Proposed NSL Contour
Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House. 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

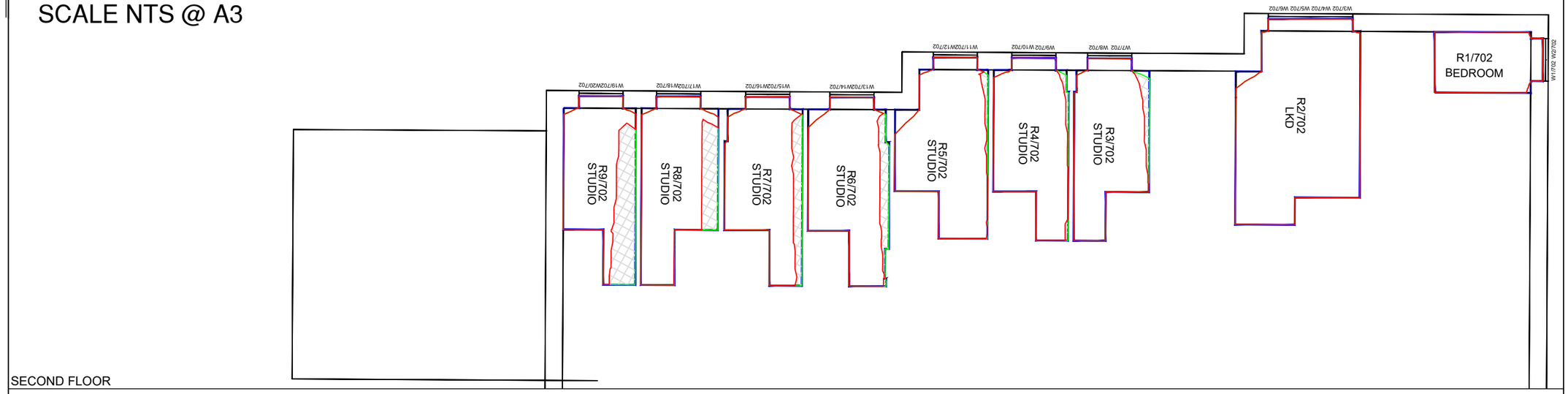
Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A + Cumulative
City South Apartments

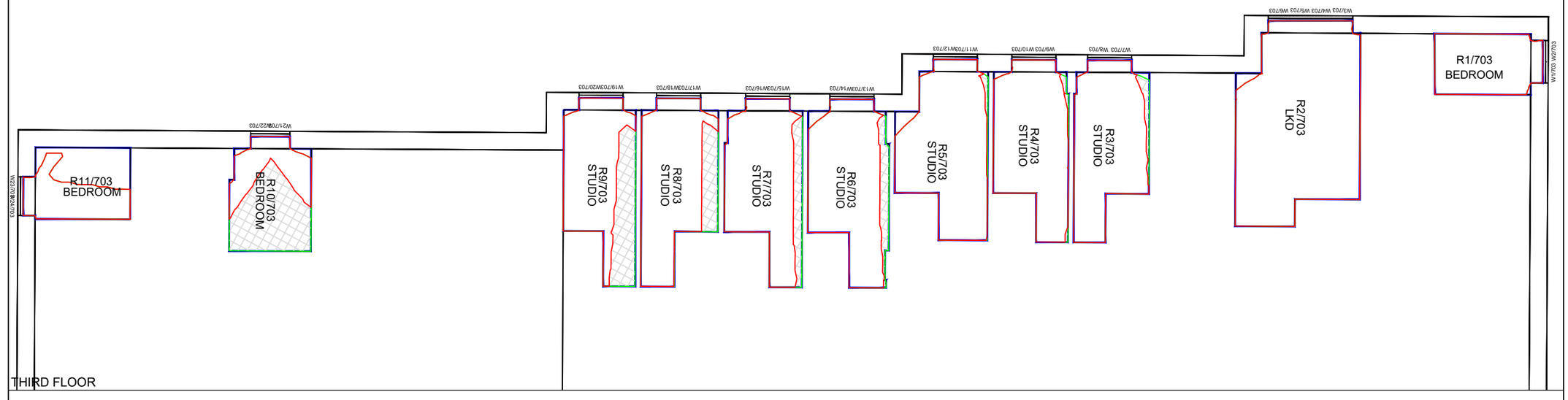
Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W199	-

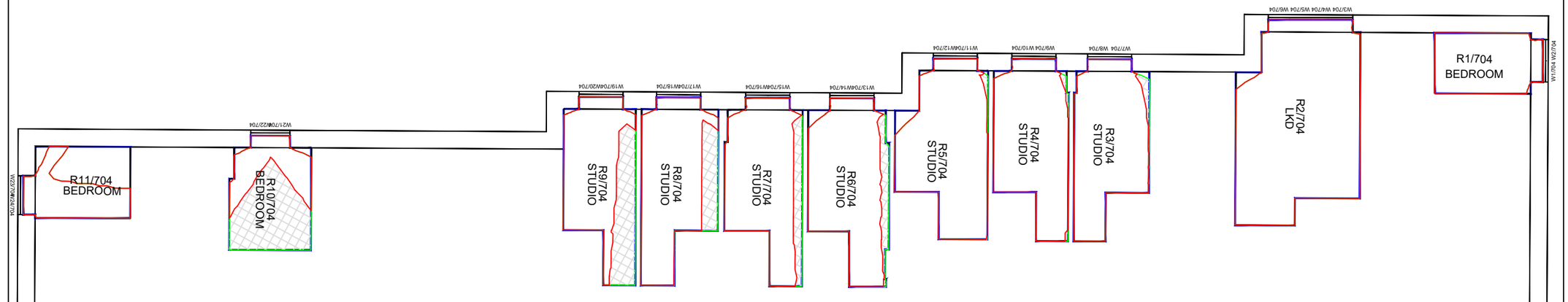
SCALE NTS @ A3



SECOND FLOOR



THIRD FLOOR



FOURTH FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:

Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:

- Existing NSL Contour
- Proposed NSL Contour
- Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House. 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

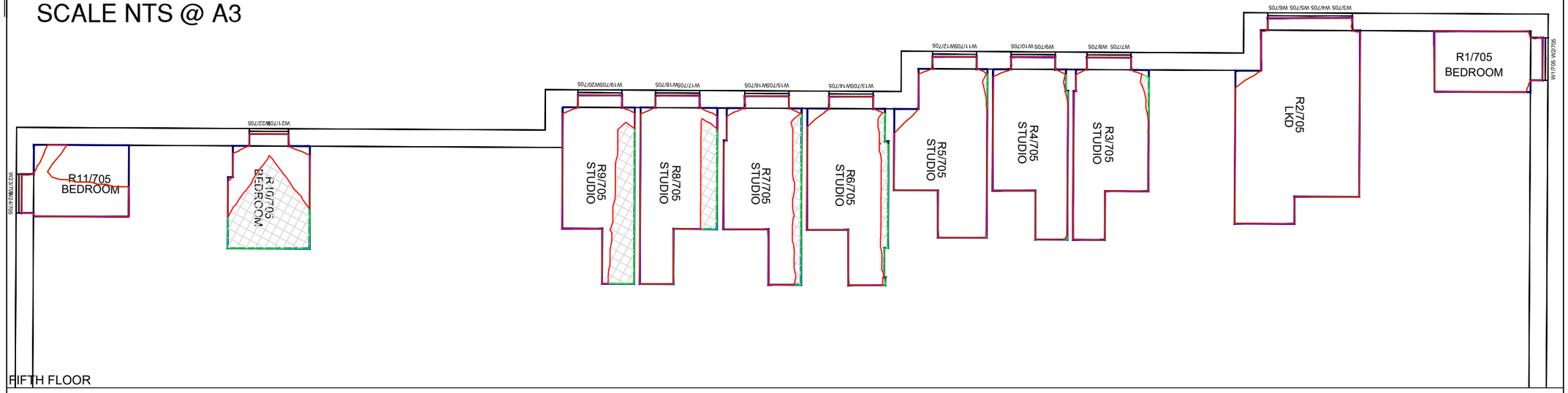
Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A + Cumulative
Downing Co-Living

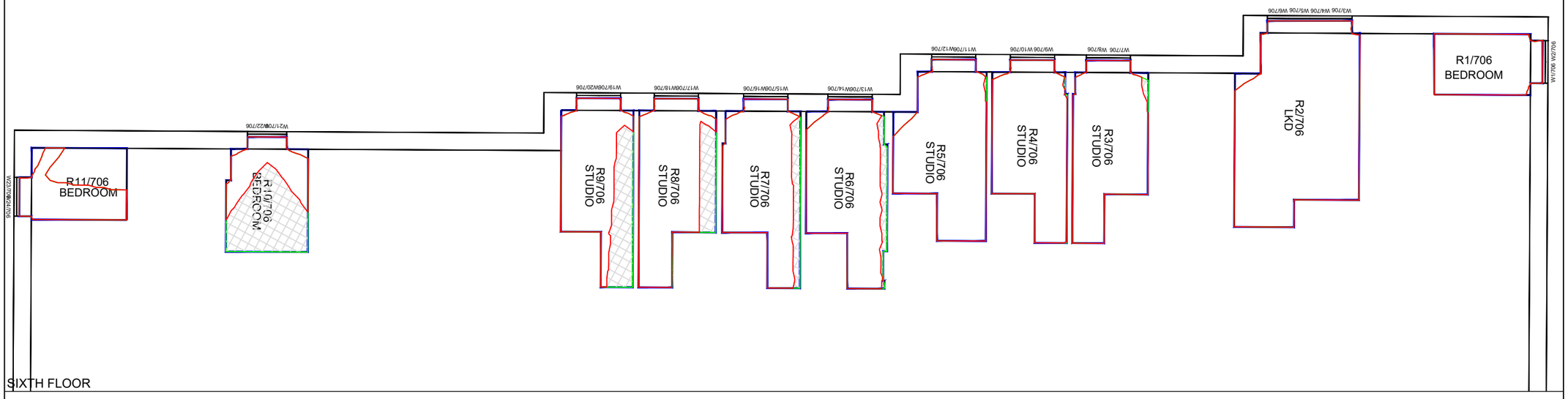
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Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W200	-

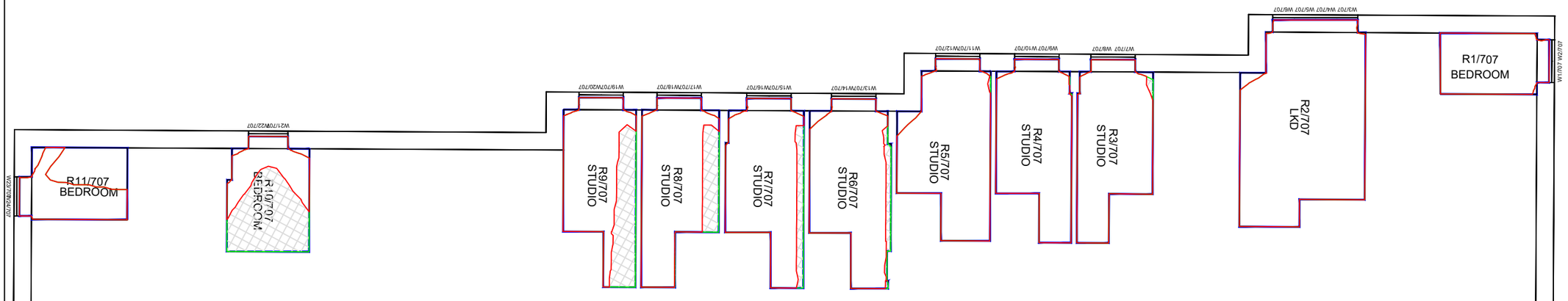
SCALE NTS @ A3



FIFTH FLOOR



SIXTH FLOOR



SEVENTH FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
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NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
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3519-1115-01_3D Model.dwg

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1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

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- Existing NSL Contour
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- Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

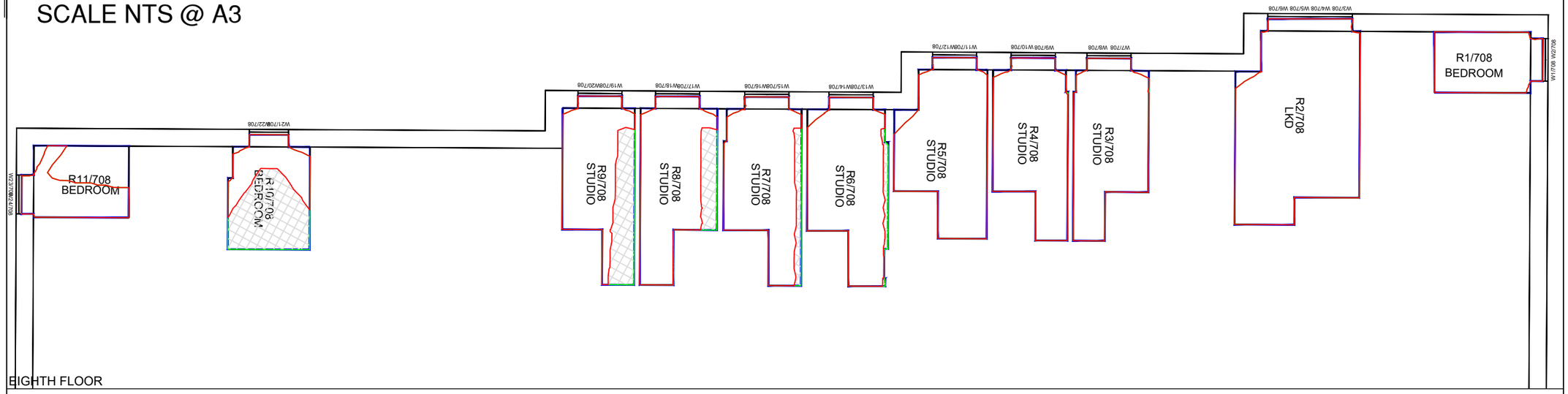
Project:
First Street, Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A + Cumulative
Downing Co-Living

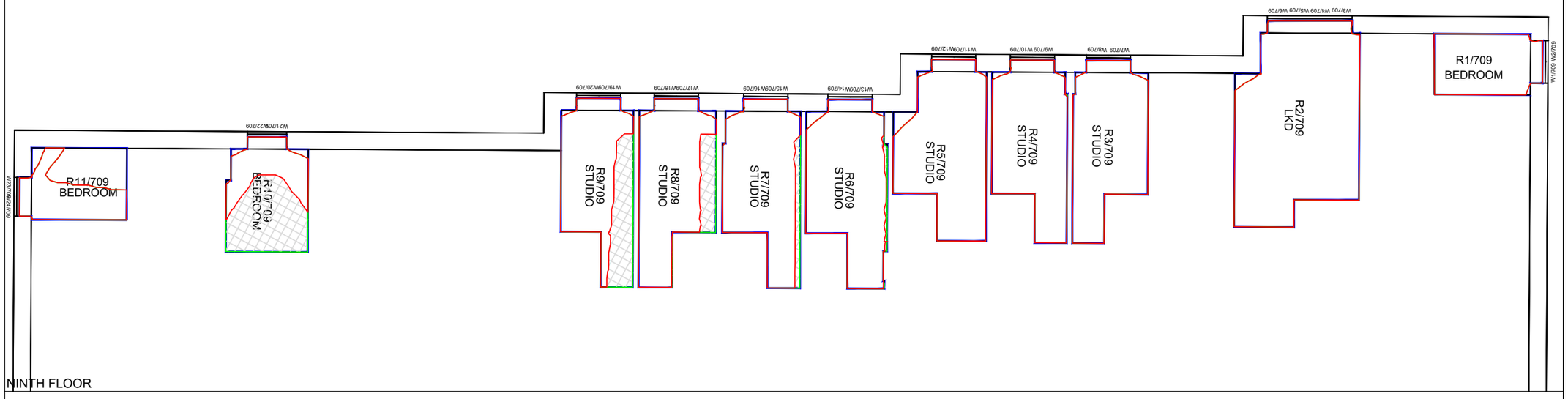
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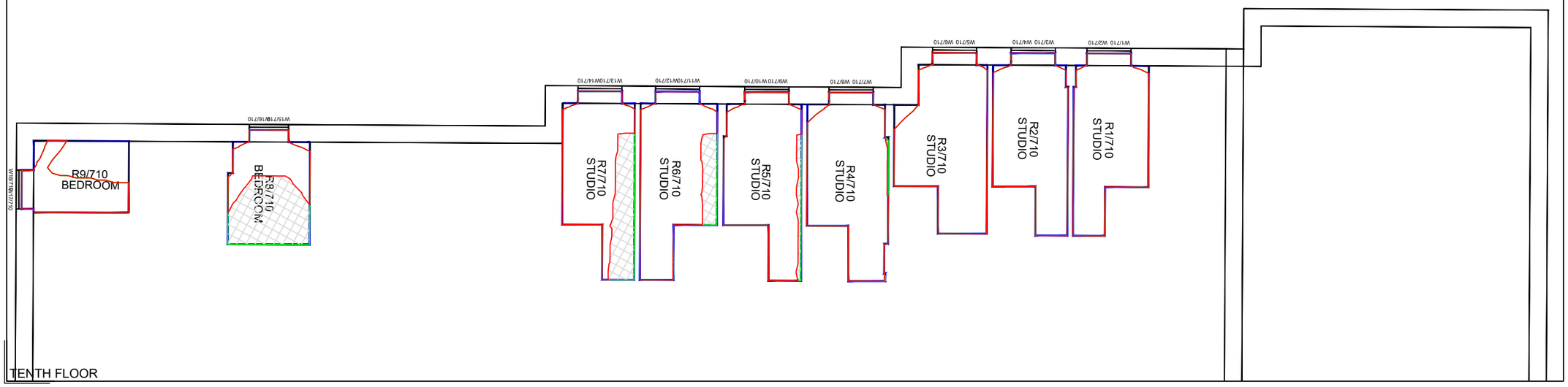
SCALE NTS @ A3



EIGHTH FLOOR



NINTH FLOOR



TENTH FLOOR

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1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

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- Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street, Altrincham, WA14 1ES

Client: Ask Real Estate

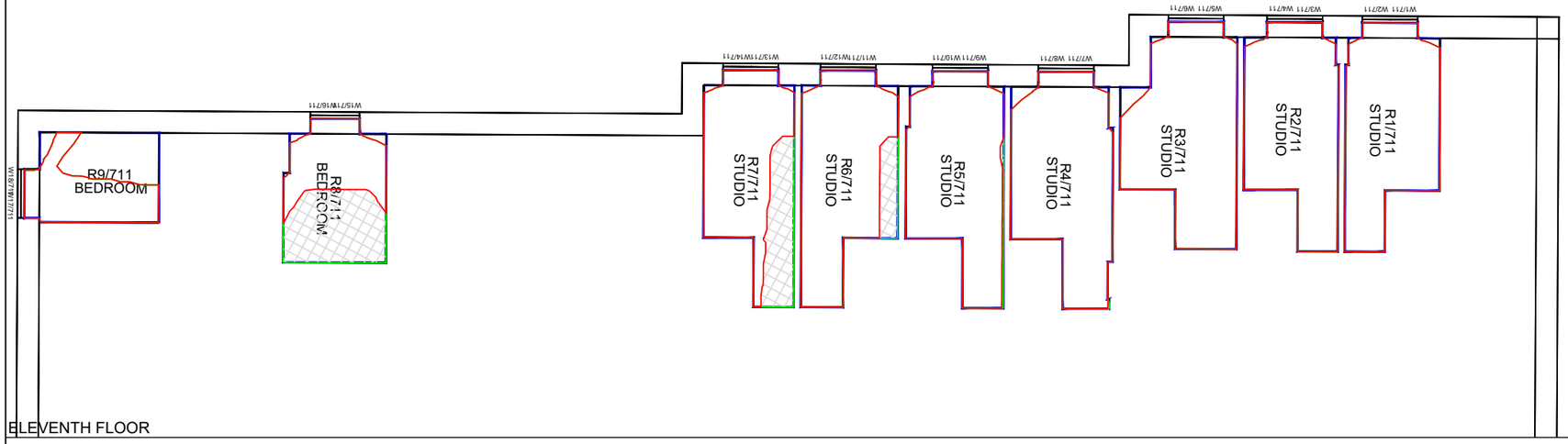
Project: First Street, Manchester

Drawing Title: No-Sky Line Contours Baseline vs Proposed Scheme - Plot 10A + Cumulative Downing Co-Living

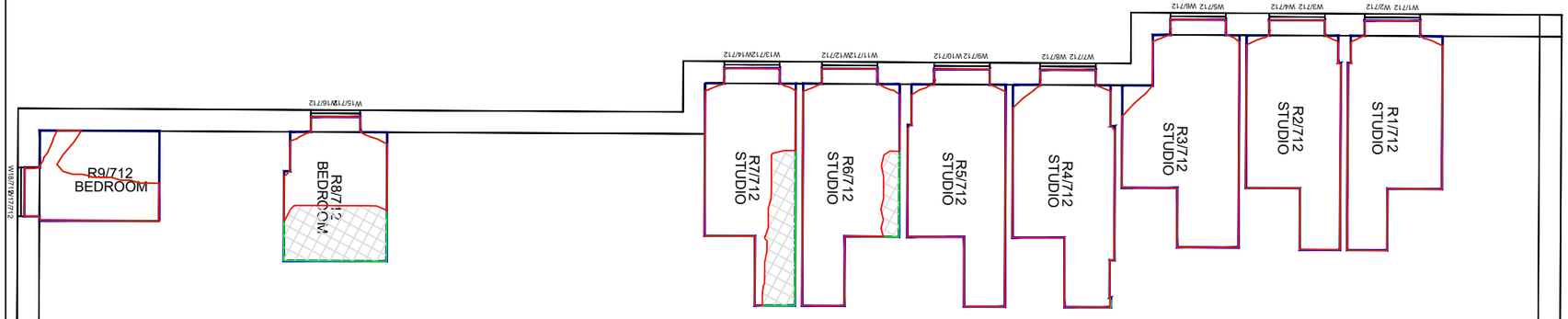
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Project No:	Drawing No:	Rev No:
[3017]	W202	-

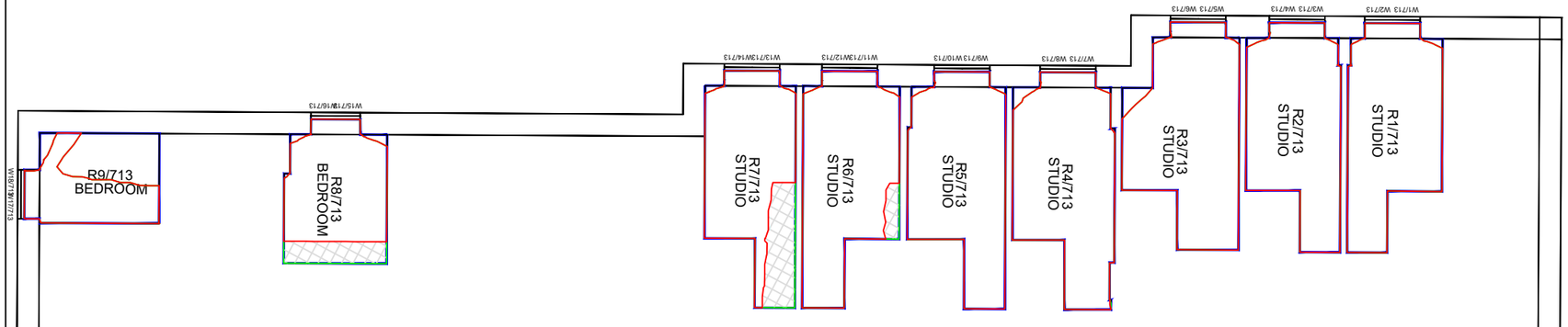
SCALE NTS @ A3



ELEVENTH FLOOR



TWELFTH FLOOR



THIRTEENTH FLOOR

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:

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14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
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Technics
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3519-1115-01_3D Model.dwg

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172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:

Existing NSL Contour

Proposed NSL Contour

Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

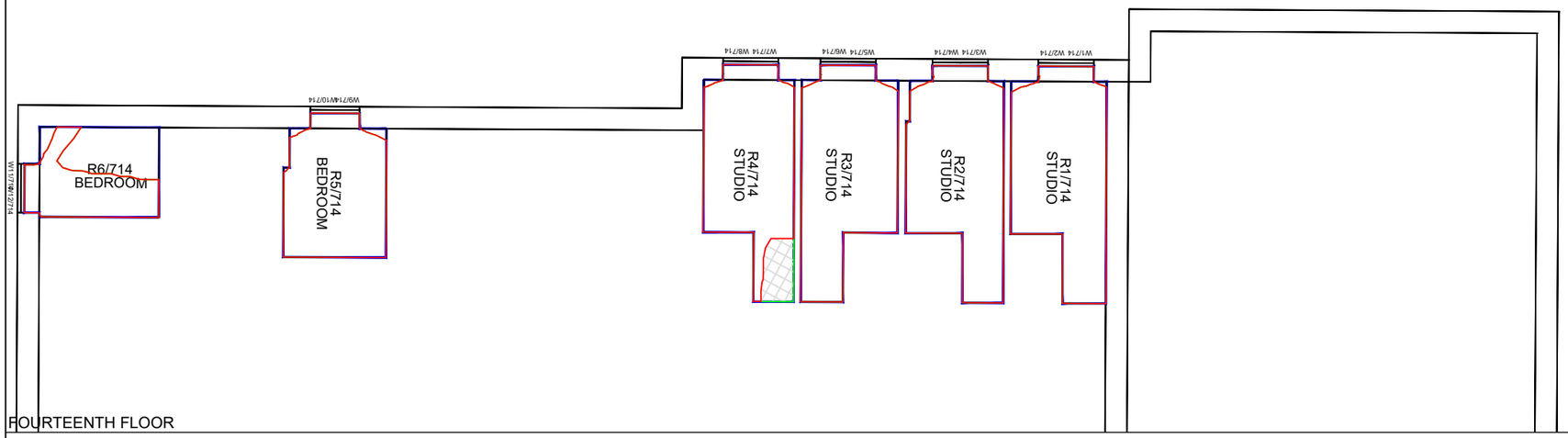
Project:
First Street,
Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A + Cumulative
Downing Co-Living

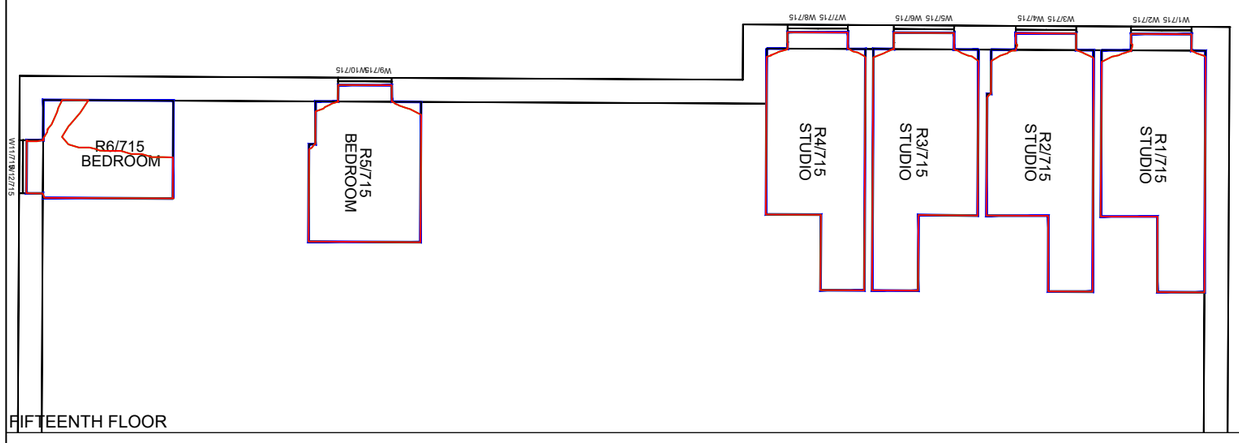
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Project No:	Drawing No:	Rev No:
[3017]	W203	-

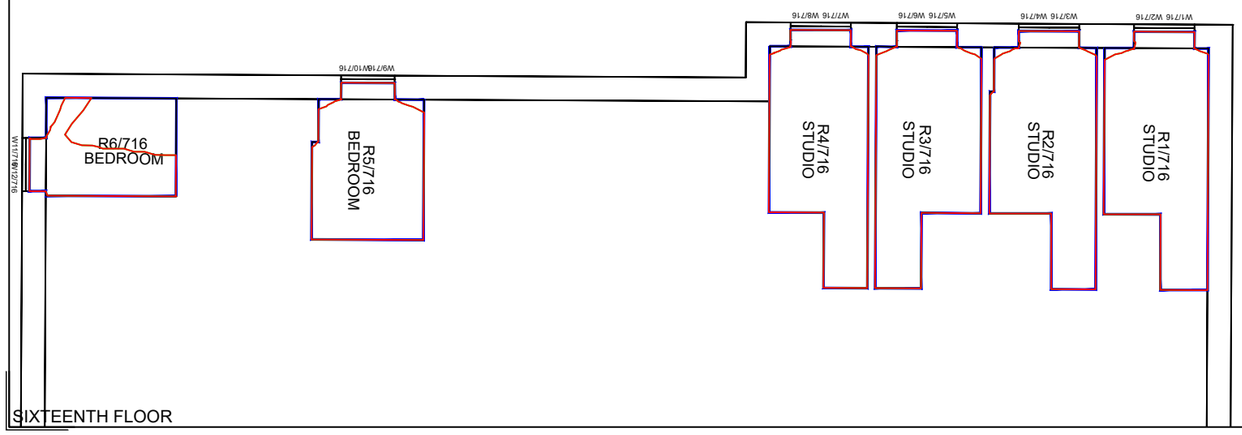
SCALE NTS @ A3



FOURTEENTH FLOOR



FIFTEENTH FLOOR



SIXTEENTH FLOOR

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NOTES:

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14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

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Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
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3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:

Existing NSL Contour

Proposed NSL Contour

Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

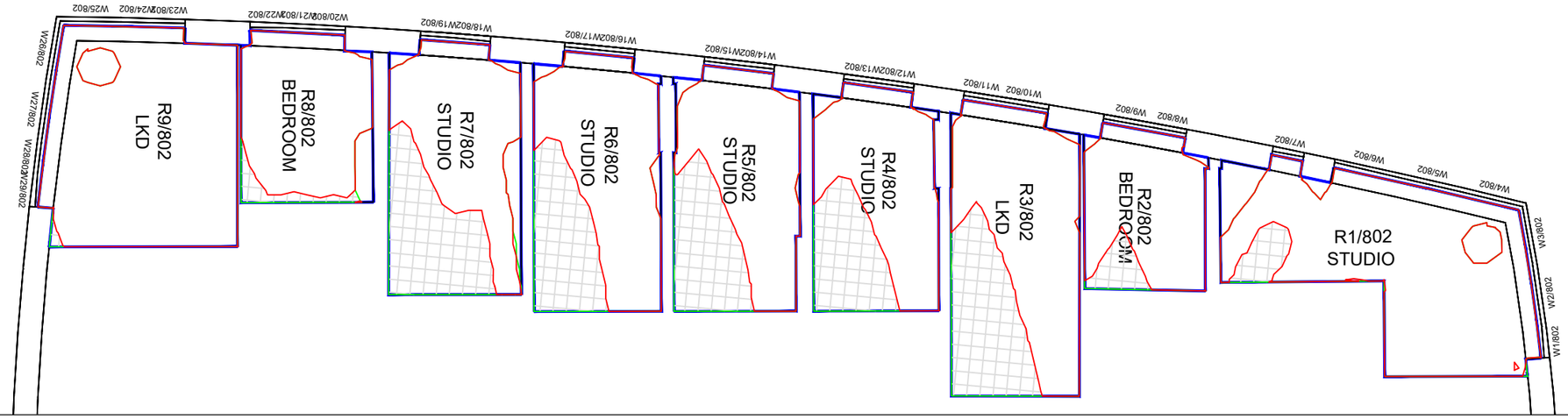
Project:
First Street, Manchester

Drawing Title:
No-Sky Line Contours Baseline vs Proposed Scheme - Plot 10A + Cumulative Downing Co-Living

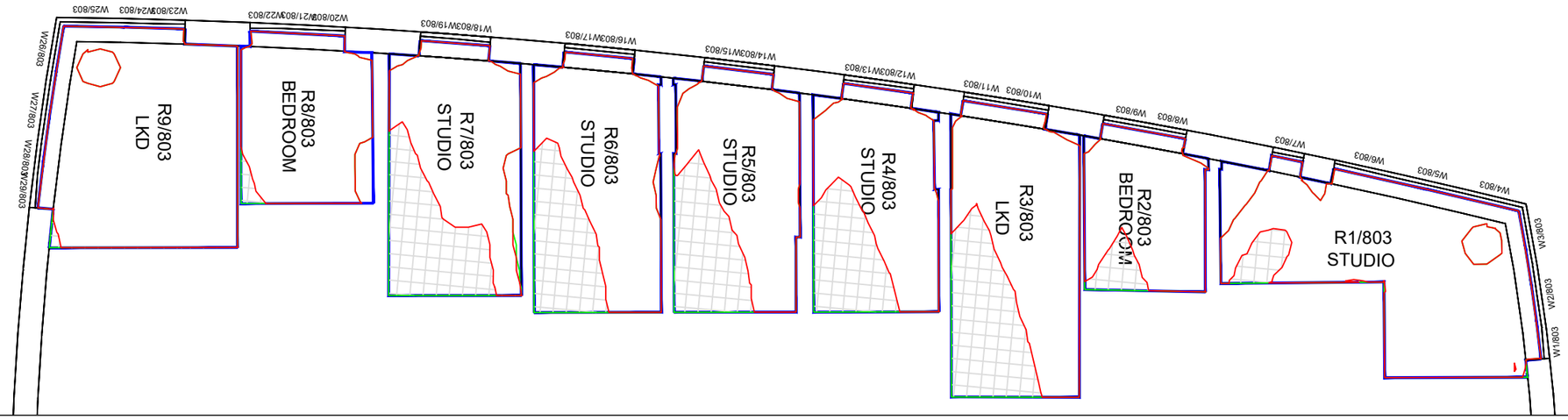
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Project No:	Drawing No:	Rev No:
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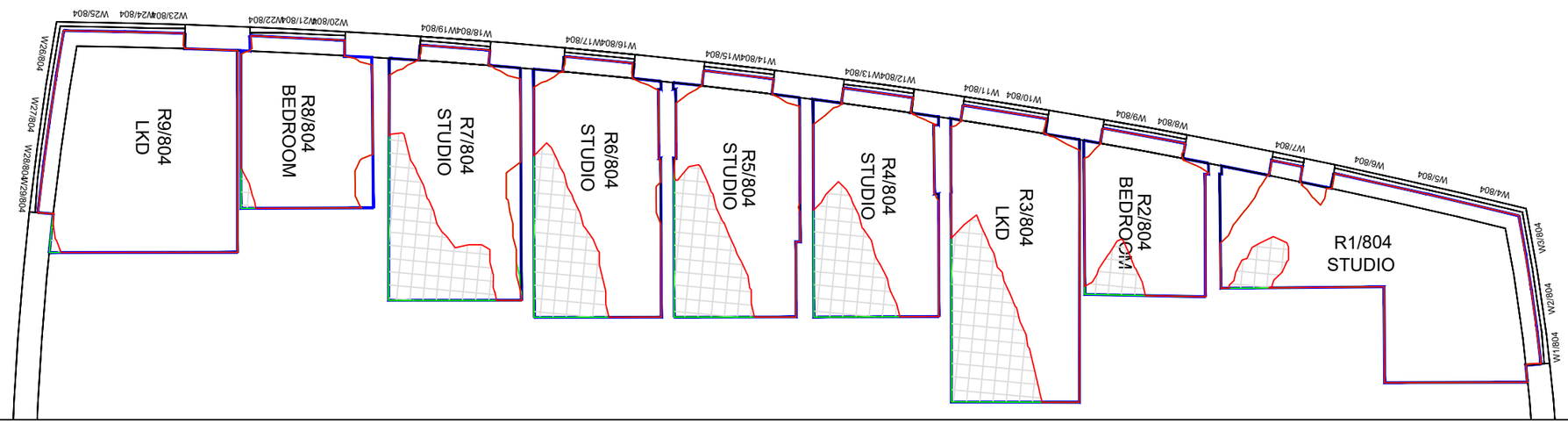
SCALE NTS @ A3



SECOND FLOOR



THIRD FLOOR



FOURTH FLOOR

All dimensions to be checked on site.
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NOTES:
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14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
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Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:
- Existing NSL Contour
- Proposed NSL Contour
- Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street, Altrincham, WA14 1ES

Client: Ask Real Estate

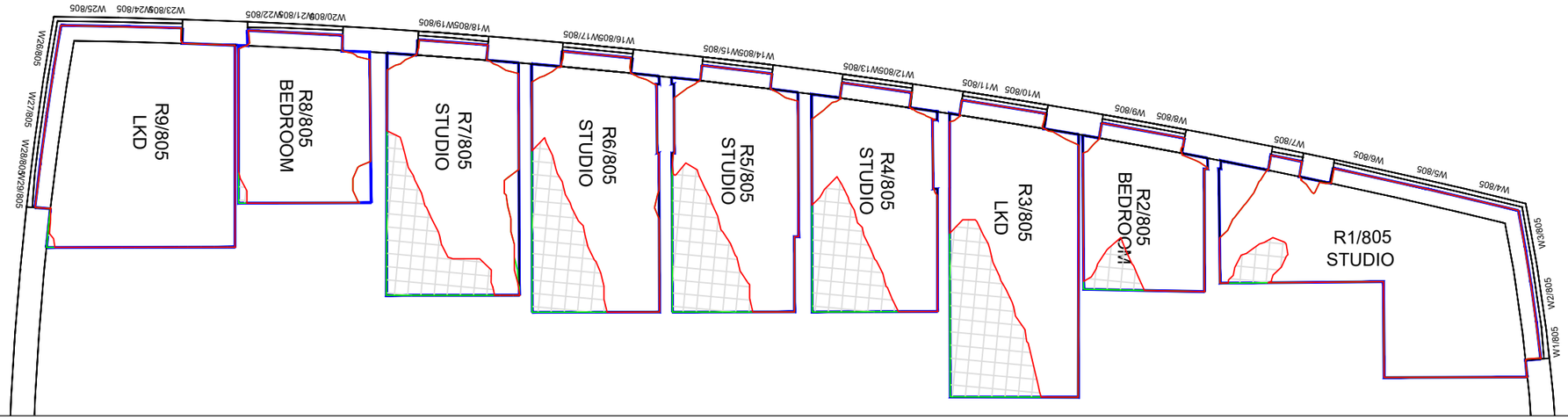
Project: First Street, Manchester

Drawing Title: No-Sky Line Contours Baseline vs Proposed Scheme - Plot 10A + Cumulative Downing Co-Living

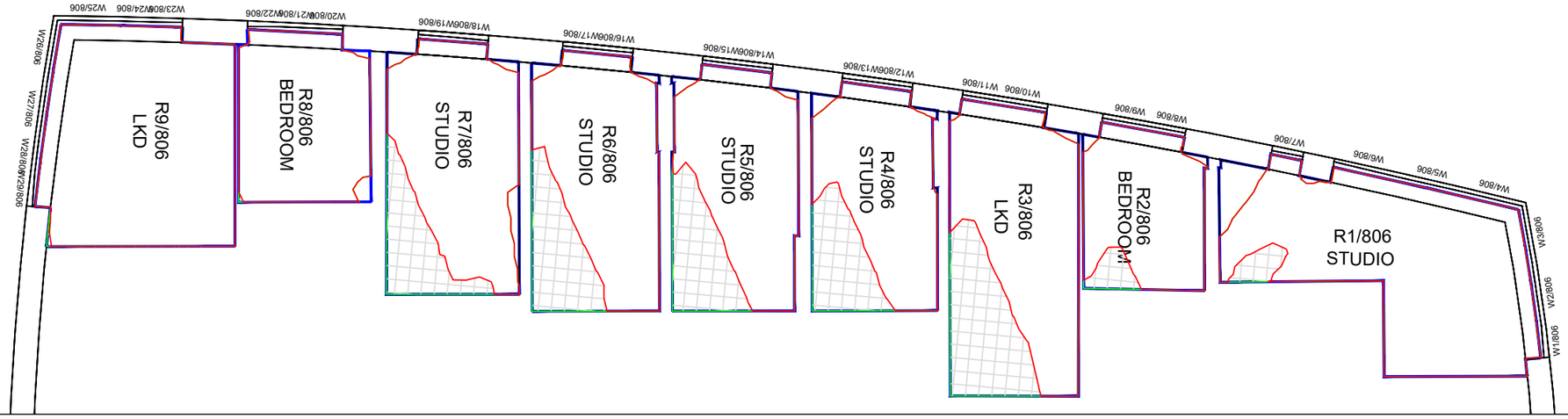
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Project No:	Drawing No:	Rev No:
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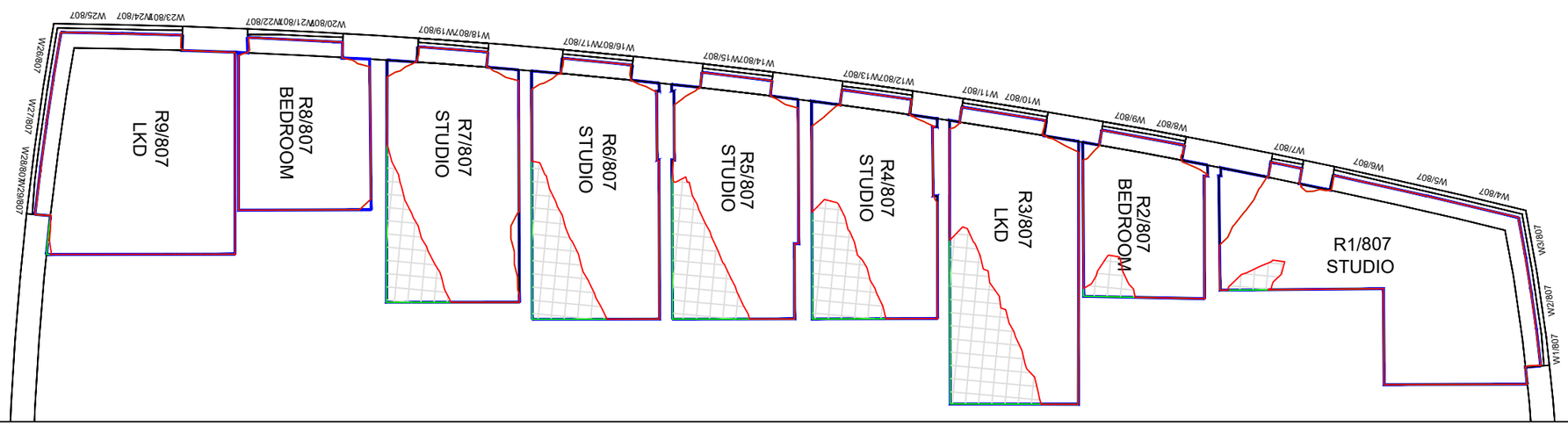
SCALE NTS @ A3



FIFTH FLOOR



SIXTH FLOOR



SEVENTH FLOOR

All dimensions to be checked on site.
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NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
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3519-1115-01_3D Model.dwg

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1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:
- Existing NSL Contour
- Proposed NSL Contour
- Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street, Altrincham, WA14 1ES

Client: Ask Real Estate

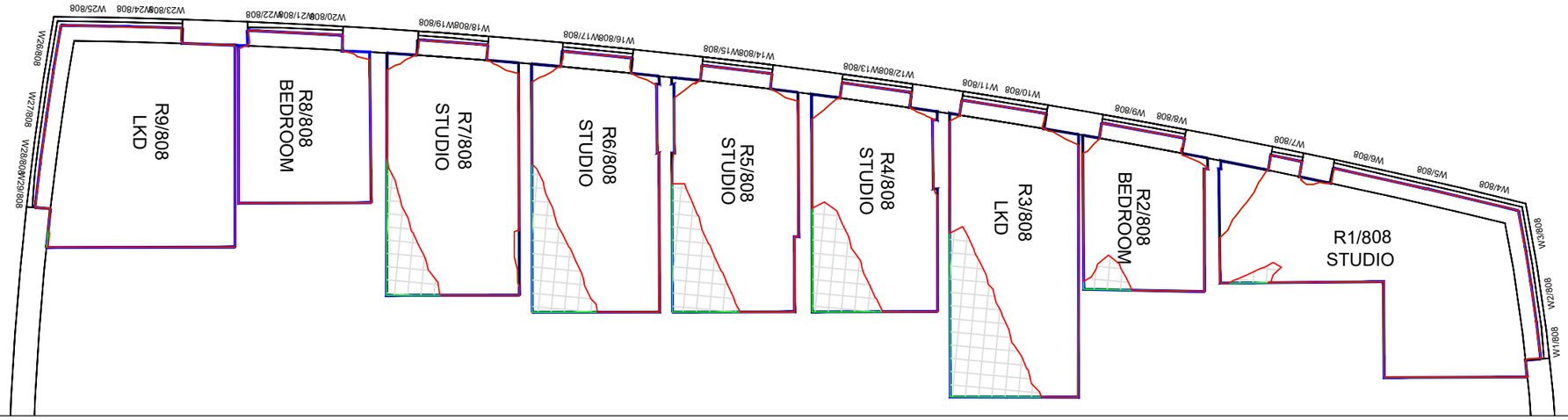
Project: First Street, Manchester

Drawing Title: No-Sky Line Contours Baseline vs Proposed Scheme - Plot 10A + Cumulative Downing Co-Living

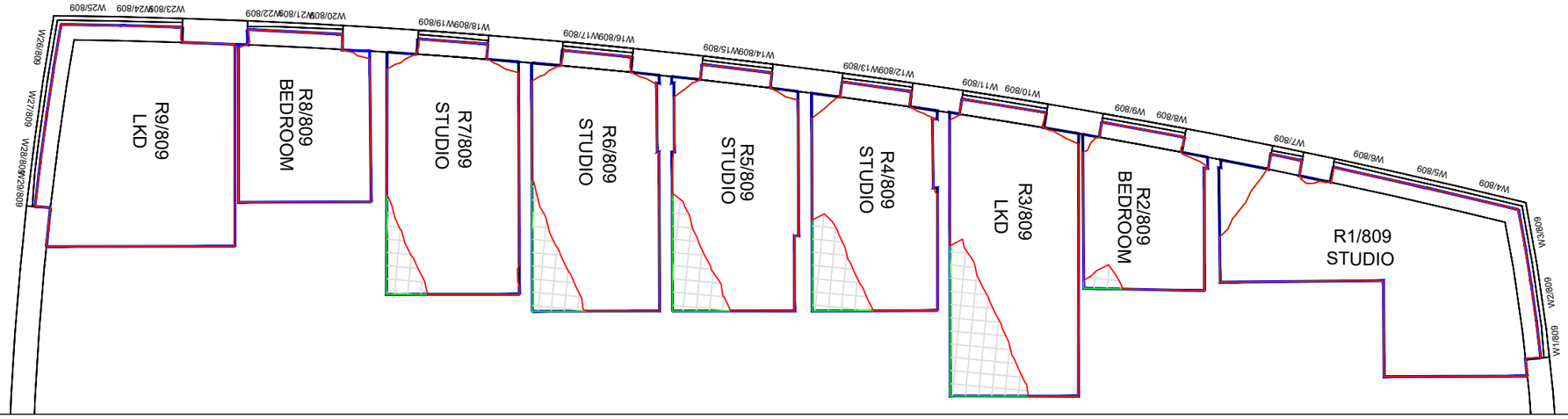
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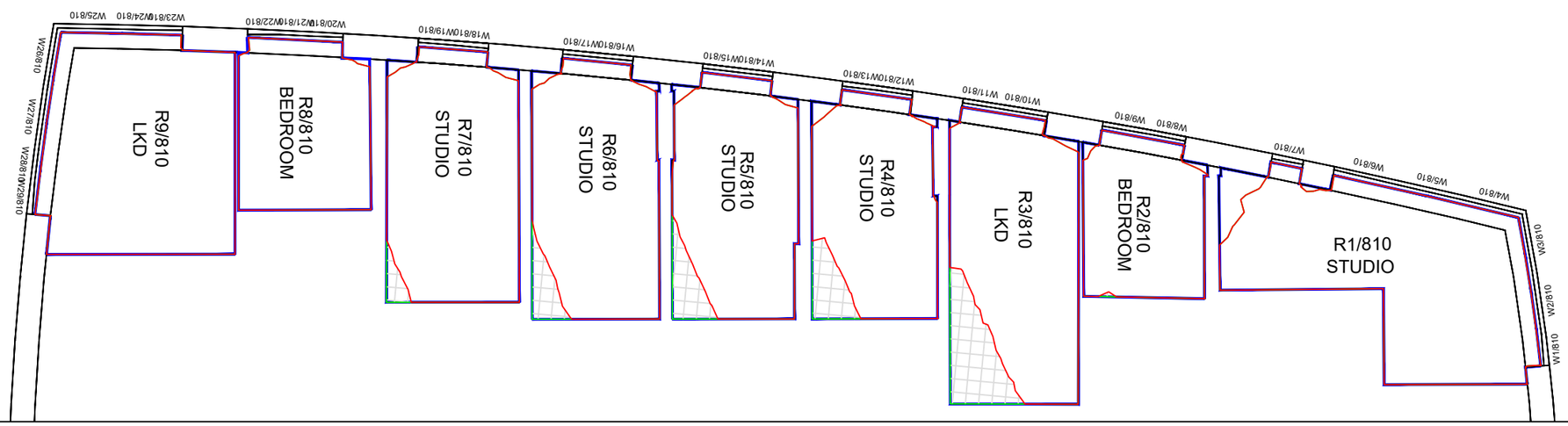
SCALE NTS @ A3



EIGHTH FLOOR



NINTH FLOOR



TENTH FLOOR

All dimensions to be checked on site.
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NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

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Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

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172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:
- Existing NSL Contour
- Proposed NSL Contour
- Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street, Altrincham, WA14 1ES

Client:
Ask Real Estate

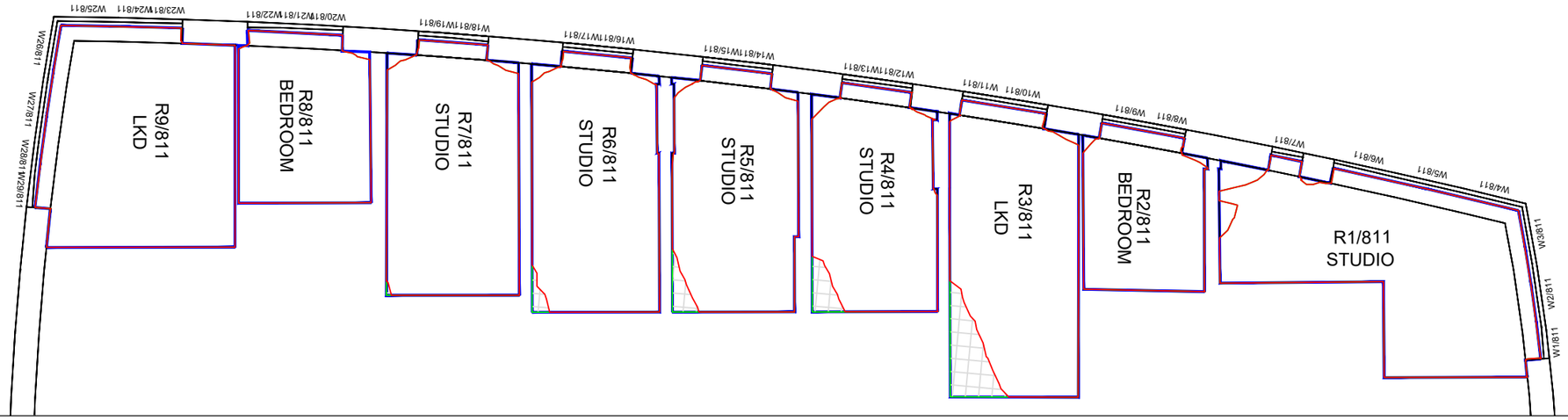
Project:
First Street, Manchester

Drawing Title:
No-Sky Line Contours
Baseline vs Proposed Scheme - Plot 10A + Cumulative
Downing Co-Living

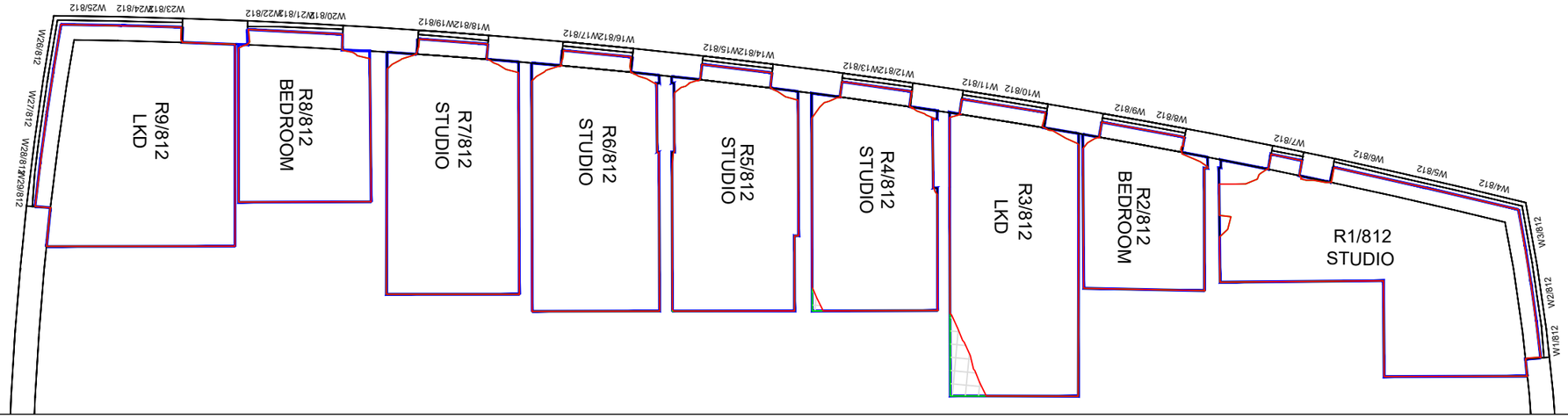
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Project No:	Drawing No:	Rev No:
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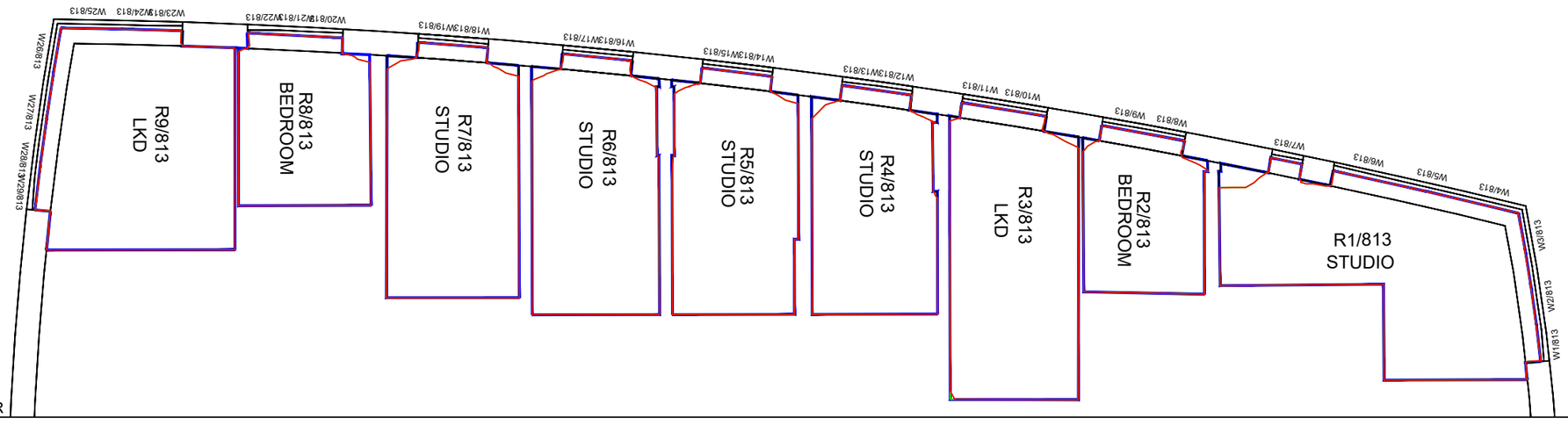
SCALE NTS @ A3



ELEVENTH FLOOR



TWELFTH FLOOR



THIRTEENTH FLOOR

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Ordnance Survey
os-colour.dwg

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1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

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- Existing NSL Contour
- Proposed NSL Contour
- Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street, Altrincham, WA14 1ES

Client: Ask Real Estate

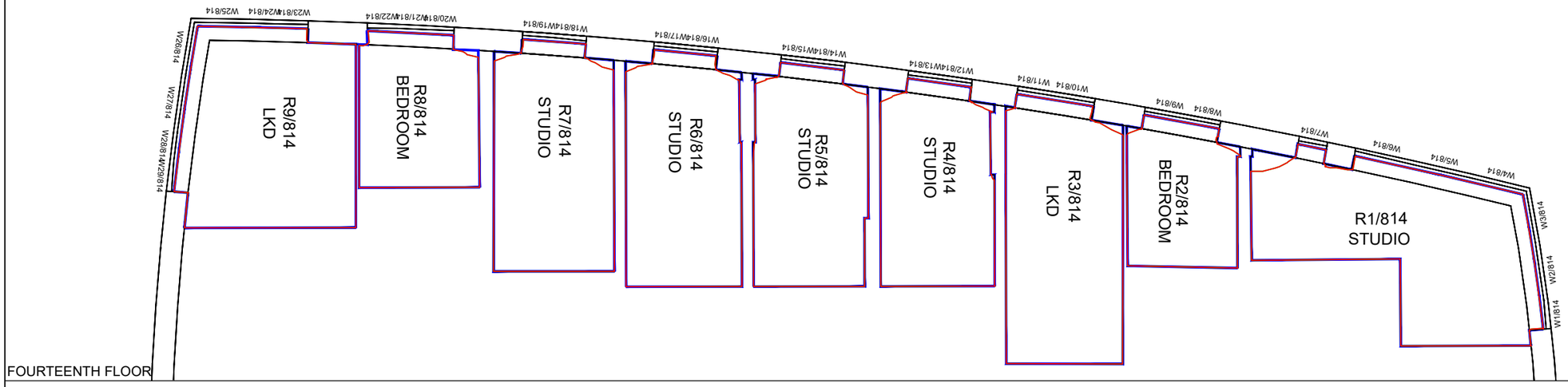
Project: First Street, Manchester

Drawing Title: No-Sky Line Contours Baseline vs Proposed Scheme - Plot 10A + Cumulative Downing Co-Living

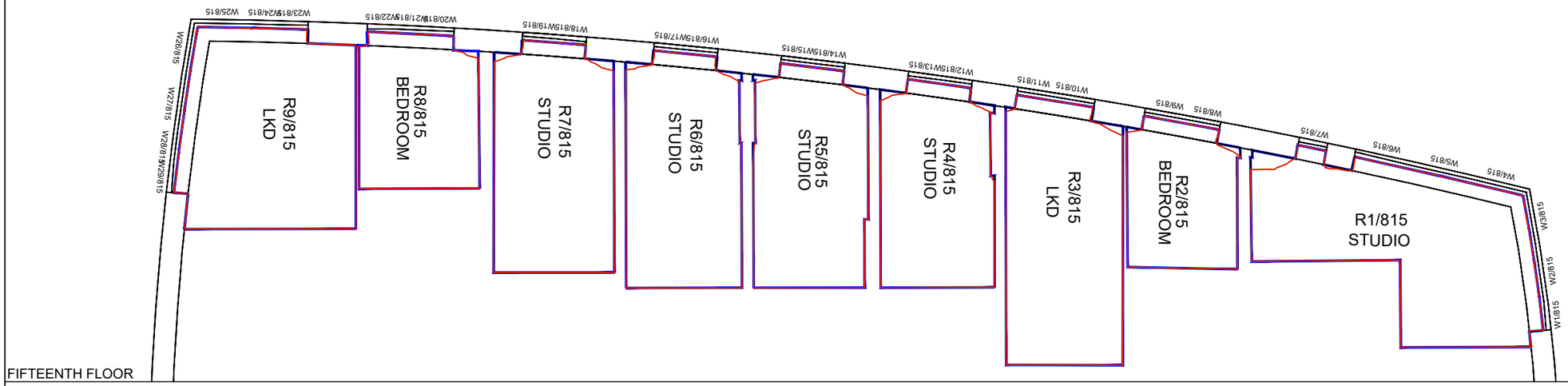
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Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
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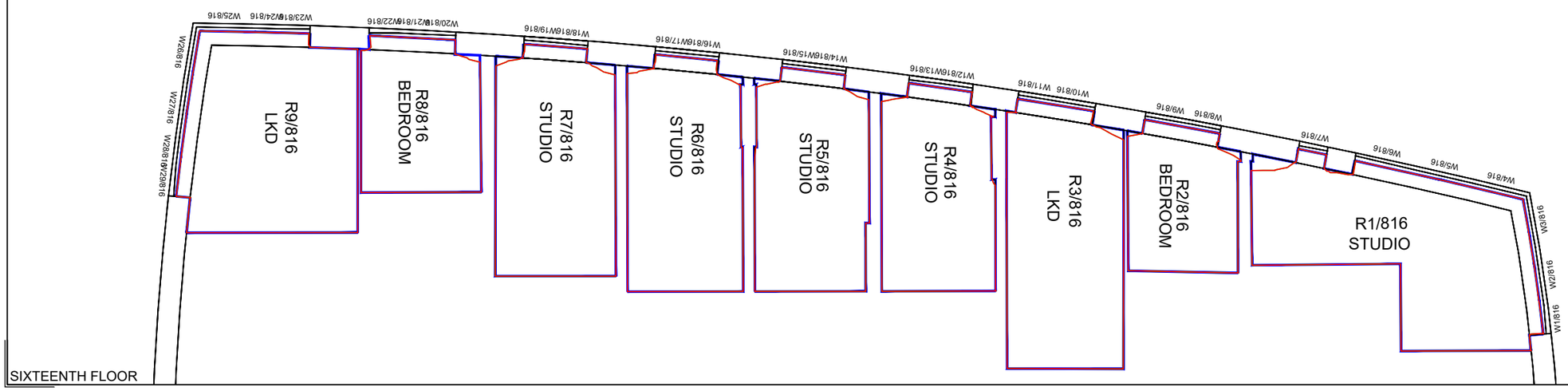
SCALE NTS @ A3



FOURTEENTH FLOOR



FIFTEENTH FLOOR



SIXTEENTH FLOOR

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NOTES:
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14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
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Technics
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Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:
- Existing NSL Contour
- Proposed NSL Contour
- Region of Loss / Gain

Revisions:	Date:	Init:
-		

Proximity
Kennedy House, 31 Stamford Street, Altrincham, WA14 1ES

Client: Ask Real Estate

Project: First Street, Manchester

Drawing Title: No-Sky Line Contours Baseline vs Proposed Scheme - Plot 10A + Cumulative Downing Co-Living

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W209	-

Appendix 10: Tabulated Baseline vs Cumulative APSH Results

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
City South Apartments								
R1/300	**W1/300**	BEDROOM						
R1/300	**W2/300**	BEDROOM						
R1/300	**W3/300**	BEDROOM	22	69	22	56	0.0	18.8
R2/300	**W4/300**	BEDROOM	17	48	17	48	0.0	0.0
R3/300	**W5/300**	LKD	16	41	16	41	0.0	0.0
R4/300	**W6/300**	LKD	14	31	14	31	0.0	0.0
R5/300	**W7/300**	LKD	8	12	8	12	0.0	0.0
R6/300	**W8/300**	BEDROOM	7	37	7	37	0.0	0.0
R7/300	**W9/300**	BEDROOM	6	40	6	40	0.0	0.0
R8/300	**W10/300**	BEDROOM	9	44	9	44	0.0	0.0
R9/300	**W11/300**	BEDROOM	9	45	9	45	0.0	0.0
R10/300	**W12/300**	LKD	7	40	7	40	0.0	0.0
R11/300	**W13/300**	LKD	10	43	10	43	0.0	0.0
R12/300	**W14/300**	BEDROOM	9	41	9	40	0.0	2.4
R13/300	**W15/300**	BEDROOM	10	43	10	43	0.0	0.0
R14/300	**W16/300**	BEDROOM	14	48	14	48	0.0	0.0
R15/300	**W17/300**	BEDROOM	15	52	15	52	0.0	0.0
R16/300	**W18/300**	LKD	16	51	16	51	0.0	0.0
R17/300	**W19/300**	BEDROOM	11	33	11	33	0.0	0.0
R18/300	**W20/300**	BEDROOM	11	35	11	35	0.0	0.0
R19/300	**W21/300**	LKD	13	37	13	37	0.0	0.0
R20/300	**W22/300**	LKD	13	34	13	34	0.0	0.0
R21/300	**W23/300**	BEDROOM						
R21/300	**W24/300**	BEDROOM						
R21/300	**W25/300**	BEDROOM	13	42	13	42	0.0	0.0
R27/300	**W32/300**	LKD						
R27/300	**W33/300**	LKD	0	10	0	10	0.0	0.0
R28/300	**W34/300**	BEDROOM	0	13	0	13	0.0	0.0
R29/300	**W35/300**	BEDROOM	0	18	0	18	0.0	0.0
R30/300	**W36/300**	BEDROOM	0	20	0	19	0.0	5.0
R31/300	**W37/300**	LKD	0	27	0	26	0.0	3.7
R32/300	**W38/300**	BEDROOM	0	28	0	27	0.0	3.6

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R33/300	W39/300	BEDROOM	0	12	0	12	0.0	0.0
R34/300	W40/300	BEDROOM	0	13	0	12	0.0	7.7
R35/300	W41/300	BEDROOM	2	27	2	27	0.0	0.0
R36/300	W42/300	LKD	2	31	2	31	0.0	0.0
R37/300	W43/300	BEDROOM	3	31	3	31	0.0	0.0
R38/300	W44/300	BEDROOM	4	33	4	33	0.0	0.0
R39/300	W45/300	LKD						
R39/300	W46/300	LKD						
R39/300	W47/300	LKD	4	38	4	38	0.0	0.0
R1/301	W1/301	BEDROOM						
R1/301	W2/301	BEDROOM						
R1/301	W3/301	BEDROOM	22	70	22	57	0.0	18.6
R2/301	W4/301	BEDROOM	18	52	18	52	0.0	0.0
R3/301	W5/301	LKD	16	41	16	41	0.0	0.0
R4/301	W6/301	LKD	15	33	15	33	0.0	0.0
R5/301	W7/301	BEDROOM	11	39	11	39	0.0	0.0
R6/301	W8/301	BEDROOM	4	29	4	29	0.0	0.0
R7/301	W9/301	BEDROOM	9	37	9	37	0.0	0.0
R8/301	W10/301	LKD	9	44	9	44	0.0	0.0
R9/301	W11/301	BEDROOM	8	42	8	42	0.0	0.0
R10/301	W12/301	BEDROOM	8	49	8	49	0.0	0.0
R11/301	W13/301	BEDROOM	11	48	11	48	0.0	0.0
R12/301	W14/301	BEDROOM	11	50	11	50	0.0	0.0
R13/301	W15/301	LKD	9	34	9	34	0.0	0.0
R14/301	W16/301	LKD	12	35	12	35	0.0	0.0
R15/301	W17/301	BEDROOM	13	50	13	49	0.0	2.0
R16/301	W18/301	BEDROOM	14	53	14	52	0.0	1.9
R17/301	W19/301	BEDROOM	15	50	15	49	0.0	2.0
R18/301	W20/301	BEDROOM	16	55	16	54	0.0	1.8
R19/301	W21/301	LKD	17	53	17	52	0.0	1.9
R20/301	W22/301	BEDROOM	12	35	12	35	0.0	0.0
R21/301	W23/301	BEDROOM	12	37	12	37	0.0	0.0
R22/301	W24/301	LKD	14	39	14	39	0.0	0.0

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R23/301	W25/301	LKD	15	37	15	37	0.0	0.0
R24/301	W26/301	BEDROOM						
R24/301	W27/301	BEDROOM						
R24/301	W28/301	BEDROOM	15	46	15	46	0.0	0.0
R30/301	W35/301	LKD						
R30/301	W36/301	LKD	0	19	0	19	0.0	0.0
R31/301	W37/301	BEDROOM	0	23	0	23	0.0	0.0
R32/301	W38/301	BEDROOM	0	26	0	25	0.0	3.8
R33/301	W39/301	BEDROOM	0	26	0	25	0.0	3.8
R34/301	W40/301	LKD	2	36	2	34	0.0	5.6
R35/301	W41/301	BEDROOM	3	36	3	35	0.0	2.8
R36/301	W42/301	BEDROOM	2	19	2	18	0.0	5.3
R37/301	W43/301	BEDROOM	5	21	5	20	0.0	4.8
R38/301	W44/301	BEDROOM	5	33	5	32	0.0	3.0
R39/301	W45/301	LKD	6	37	6	37	0.0	0.0
R40/301	W46/301	BEDROOM	5	34	5	34	0.0	0.0
R41/301	W47/301	BEDROOM	6	36	6	36	0.0	0.0
R42/301	W48/301	LKD						
R42/301	W49/301	LKD						
R42/301	W50/301	LKD	6	41	6	40	0.0	2.4
R1/302	W1/302	BEDROOM						
R1/302	W2/302	BEDROOM						
R1/302	W3/302	BEDROOM	22	71	22	58	0.0	18.3
R2/302	W4/302	BEDROOM	18	53	18	53	0.0	0.0
R3/302	W5/302	LKD	16	43	16	43	0.0	0.0
R4/302	W6/302	LKD	16	36	16	36	0.0	0.0
R5/302	W7/302	BEDROOM	12	41	12	41	0.0	0.0
R6/302	W8/302	BEDROOM	6	32	6	32	0.0	0.0
R7/302	W9/302	BEDROOM	11	40	11	40	0.0	0.0
R8/302	W10/302	LKD	11	51	11	51	0.0	0.0
R9/302	W11/302	BEDROOM	10	51	10	51	0.0	0.0
R10/302	W12/302	BEDROOM	11	53	11	53	0.0	0.0
R11/302	W13/302	BEDROOM	11	48	11	48	0.0	0.0
R12/302	W14/302	BEDROOM	12	51	12	51	0.0	0.0

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R13/302	W15/302	LKD	10	34	10	34	0.0	0.0
R14/302	W16/302	LKD	14	34	14	34	0.0	0.0
R15/302	W17/302	BEDROOM	13	50	13	49	0.0	2.0
R16/302	W18/302	BEDROOM	14	53	14	52	0.0	1.9
R17/302	W19/302	BEDROOM	16	52	16	51	0.0	1.9
R18/302	W20/302	BEDROOM	18	57	18	56	0.0	1.8
R19/302	W21/302	LKD	19	58	19	57	0.0	1.7
R20/302	W22/302	BEDROOM	12	36	12	36	0.0	0.0
R21/302	W23/302	BEDROOM	13	41	13	41	0.0	0.0
R22/302	W24/302	LKD	14	40	14	40	0.0	0.0
R23/302	W25/302	LKD	15	39	15	39	0.0	0.0
R24/302	W26/302	BEDROOM						
R24/302	W27/302	BEDROOM						
R24/302	W28/302	BEDROOM	15	50	15	48	0.0	4.0
R30/302	W35/302	LKD						
R30/302	W36/302	LKD	0	27	0	25	0.0	7.4
R31/302	W37/302	BEDROOM	1	30	1	30	0.0	0.0
R32/302	W38/302	BEDROOM	2	32	2	32	0.0	0.0
R33/302	W39/302	BEDROOM	2	33	2	32	0.0	3.0
R34/302	W40/302	LKD	5	42	5	40	0.0	4.8
R35/302	W41/302	BEDROOM	7	44	7	42	0.0	4.5
R36/302	W42/302	BEDROOM	7	28	7	27	0.0	3.6
R37/302	W43/302	BEDROOM	9	28	9	27	0.0	3.6
R38/302	W44/302	BEDROOM	7	38	7	37	0.0	2.6
R39/302	W45/302	LKD	10	43	10	43	0.0	0.0
R40/302	W46/302	BEDROOM	8	37	8	37	0.0	0.0
R41/302	W47/302	BEDROOM	10	43	10	43	0.0	0.0
R42/302	W48/302	LKD						
R42/302	W49/302	LKD						
R42/302	W50/302	LKD	10	48	10	46	0.0	4.2
R43/302	W51/302	LKD	3	10	3	10	0.0	0.0
R44/302	W52/302							
R44/302	W53/302		7	22	7	22	0.0	0.0

SUNLIGHT ANALYSIS
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Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R1/303	W1/303	BEDROOM						
R1/303	W2/303	BEDROOM						
R1/303	W3/303	BEDROOM	22	74	22	61	0.0	17.6
R2/303	W4/303	BEDROOM	18	55	18	55	0.0	0.0
R3/303	W5/303	LKD	16	47	16	47	0.0	0.0
R4/303	W6/303	LKD	17	39	17	39	0.0	0.0
R5/303	W7/303	BEDROOM	13	48	13	48	0.0	0.0
R6/303	W8/303	BEDROOM	7	37	7	37	0.0	0.0
R7/303	W9/303	BEDROOM	15	49	15	49	0.0	0.0
R8/303	W10/303	LKD						
R8/303	W11/303	LKD	17	58	17	58	0.0	0.0
R9/303	W12/303	BEDROOM	11	42	11	42	0.0	0.0
R10/303	W13/303	BEDROOM	15	44	15	44	0.0	0.0
R11/303	W14/303	BEDROOM	10	43	10	43	0.0	0.0
R12/303	W15/303	BEDROOM	17	54	17	54	0.0	0.0
R13/303	W16/303	LKD	12	42	12	42	0.0	0.0
R14/303	W17/303	LKD	16	42	16	42	0.0	0.0
R15/303	W18/303	BEDROOM	13	49	13	48	0.0	2.0
R16/303	W19/303	BEDROOM	15	45	15	45	0.0	0.0
R17/303	W20/303	BEDROOM	12	40	12	39	0.0	2.5
R18/303	W21/303	BEDROOM	18	53	18	52	0.0	1.9
R19/303	W22/303	LKD						
R19/303	W23/303	LKD	17	53	17	51	0.0	3.8
R20/303	W24/303	BEDROOM	12	36	12	36	0.0	0.0
R21/303	W25/303	BEDROOM	15	51	15	51	0.0	0.0
R22/303	W26/303	LKD	14	51	14	51	0.0	0.0
R23/303	W27/303	LKD						
R23/303	W28/303	LKD	18	58	18	58	0.0	0.0
R24/303	W29/303	BEDROOM						
R24/303	W30/303	BEDROOM						
R24/303	W31/303	BEDROOM	17	58	17	57	0.0	1.7
R30/303	W37/303	LKD						
R30/303	W38/303	LKD	3	32	3	31	0.0	3.1
R31/303	W39/303	BEDROOM	7	38	7	36	0.0	5.3
R32/303	W40/303	BEDROOM	8	41	8	40	0.0	2.4

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R33/303	W41/303	BEDROOM	9	42	9	40	0.0	4.8
R34/303	W42/303	LKD	11	51	11	49	0.0	3.9
R35/303	W43/303	BEDROOM	13	53	13	50	0.0	5.7
R36/303	W44/303	BEDROOM	10	35	10	33	0.0	5.7
R37/303	W45/303	BEDROOM	13	35	13	34	0.0	2.9
R38/303	W46/303	BEDROOM	13	47	13	45	0.0	4.3
R39/303	W47/303	LKD	14	51	14	50	0.0	2.0
R40/303	W48/303	BEDROOM	13	46	13	46	0.0	0.0
R41/303	W49/303	BEDROOM	15	47	15	47	0.0	0.0
R42/303	W50/303	LKD						
R42/303	W51/303	LKD						
R42/303	W52/303	LKD	17	56	16	52	5.9	7.1
R43/303	W53/303	LKD	3	13	3	13	0.0	0.0
R44/303	W54/303							
R44/303	W55/303		8	29	8	29	0.0	0.0
R1/304	W1/304	BEDROOM						
R1/304	W2/304	BEDROOM						
R1/304	W3/304	BEDROOM	22	70	22	62	0.0	11.4
R2/304	W4/304	BEDROOM	16	50	16	50	0.0	0.0
R3/304	W5/304	LKD	16	54	16	54	0.0	0.0
R4/304	W6/304	LKD	18	54	18	54	0.0	0.0
R5/304	W7/304	BEDROOM	12	43	12	43	0.0	0.0
R6/304	W8/304	BEDROOM						
R6/304	W9/304	BEDROOM	17	51	17	51	0.0	0.0
R7/304	W10/304	BEDROOM	16	53	16	53	0.0	0.0
R8/304	W11/304		18	61	18	60	0.0	1.6
R9/304	W12/304		19	65	18	63	5.3	3.1
R10/304	W13/304		21	63	20	61	4.8	3.2
R11/304	W14/304		21	63	20	61	4.8	3.2
R12/304	W15/304		20	63	19	62	5.0	1.6
R13/304	W16/304		21	64	20	63	4.8	1.6
R14/304	W17/304	BEDROOM	18	58	18	57	0.0	1.7
R15/304	W18/304	LKD	15	56	15	53	0.0	5.4

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R19/304	W22/304	LKD						
R19/304	W23/304	LKD	10	37	10	36	0.0	2.7
R20/304	W24/304	BEDROOM	10	39	10	37	0.0	5.1
R21/304	W25/304	BEDROOM	14	42	14	40	0.0	4.8
R22/304	W26/304	BEDROOM	16	38	16	38	0.0	0.0
R23/304	W27/304	LKD						
R23/304	W28/304	LKD	19	59	19	57	0.0	3.4
R24/304	W29/304	LKD	22	62	21	59	4.5	4.8
R25/304	W30/304	BEDROOM	21	58	21	55	0.0	5.2
R26/304	W31/304	BEDROOM	21	58	21	55	0.0	5.2
R27/304	W32/304	LKD	20	54	20	53	0.0	1.9
R28/304	W33/304	LKD	18	52	18	51	0.0	1.9
R29/304	W34/304	BEDROOM	16	44	16	44	0.0	0.0
R30/304	W35/304	BEDROOM	15	49	15	49	0.0	0.0
R31/304	W36/304	LKD						
R31/304	W37/304	LKD						
R31/304	W38/304	LKD	18	63	17	55	5.6	12.7
R32/304	W39/304	LKD	3	28	3	28	0.0	0.0
R33/304	W40/304							
R33/304	W41/304		10	35	10	34	0.0	2.9
R1/305	W1/305		24	68	23	64	4.2	5.9
R2/305	W2/305		24	67	23	63	4.2	6.0
R3/305	W3/305		23	69	22	65	4.3	5.8
R6/305	W6/305	BEDROOM						
R6/305	W7/305	BEDROOM	23	79	22	63	4.3	20.3
R7/305	W8/305	LKD	22	68	21	59	4.5	13.2
R8/305	W9/305	LKD						
R8/305	W10/305	LKD						
R8/305	W11/305	LKD						
R8/305	W12/305	LKD	22	70	21	57	4.5	18.6
R10/305	W14/305		5	35	5	34	0.0	2.9
R11/305	W15/305		16	45	16	44	0.0	2.2
R12/305	W16/305		12	30	11	28	8.3	6.7
R1/306	W1/306	LKD						
R1/306	W2/306	LKD	24	80	23	66	4.2	17.5
R2/306	W3/306	BEDROOM	22	69	21	58	4.5	15.9

SUNLIGHT ANALYSIS
BASELINE VS 10A PROPOSED SCHEME + CUMULATIVE

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R3/306	W4/306	LKD						
R3/306	W5/306	LKD	14	61	14	49	0.0	19.7
R4/306	W6/306		17	57	16	54	5.9	5.3
R5/306	W7/306		17	45	16	43	5.9	4.4
R6/306	W8/306		14	33	12	30	14.3	9.1
R1/307	W1/307		18	60	17	56	5.6	6.7
R2/307	W2/307		19	54	18	52	5.3	3.7
R3/307	W3/307		14	34	12	30	14.3	11.8
Macintosh Mills								
R4/9	W4/9	LKD						
R4/9	W5/9	LKD						
R4/9	W6/9	LKD	1	28	1	20	0.0	28.6
R5/9	W7/9	BEDROOM	1	22	1	19	0.0	13.6
R6/9	W8/9	STUDIO						
R6/9	W9/9	STUDIO	1	20	1	20	0.0	0.0
R7/9	W10/9	BEDROOM						
R7/9	W11/9	BEDROOM	1	17	1	17	0.0	0.0
R8/9	W12/9	BEDROOM	1	14	1	14	0.0	0.0
R10/9	W14/9	BEDROOM	0	6	0	6	0.0	0.0
R11/9	W15/9	BEDROOM	1	1	1	1	0.0	0.0
R12/9	W16/9	BEDROOM	1	9	1	9	0.0	0.0
R13/9	W17/9	BEDROOM						
R13/9	W18/9	BEDROOM	0	14	0	14	0.0	0.0
R4/10	W5/10	LKD						
R4/10	W6/10	LKD						
R4/10	W7/10	LKD	5	41	1	22	80.0	46.3
R5/10	W8/10	BEDROOM	5	39	1	21	80.0	46.2
R6/10	W9/10	BEDROOM	6	41	2	22	66.7	46.3
R8/10	W11/10	LKD						
R8/10	W12/10	LKD	5	38	1	21	80.0	44.7
R9/10	W13/10	BEDROOM	4	34	1	18	75.0	47.1
R10/10	W14/10	LKD						
R10/10	W15/10	LKD	4	35	1	18	75.0	48.6
R12/10	W18/10	BEDROOM	3	31	2	18	33.3	41.9
R13/10	W19/10	BEDROOM						
R13/10	W20/10	BEDROOM						

SUNLIGHT ANALYSIS
BASELINE VS 10A PROPOSED SCHEME + CUMULATIVE

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R13/10	W21/10	BEDROOM	10	61	10	52	0.0	14.8
R4/11	W5/11	LKD						
R4/11	W6/11	LKD						
R4/11	W7/11	LKD	6	43	1	23	83.3	46.5
R5/11	W8/11	BEDROOM	6	43	1	25	83.3	41.9
R6/11	W9/11	BEDROOM	6	42	2	26	66.7	38.1
R8/11	W11/11	LKD						
R8/11	W12/11	LKD	6	42	2	25	66.7	40.5
R9/11	W13/11	BEDROOM	5	41	2	24	60.0	41.5
R10/11	W14/11	LKD						
R10/11	W15/11	LKD	4	39	1	22	75.0	43.6
R12/11	W17/11	BEDROOM	3	34	2	19	33.3	44.1
R13/11	W18/11	BEDROOM						
R13/11	W19/11	BEDROOM						
R13/11	W20/11	BEDROOM	11	66	11	54	0.0	18.2
R4/12	W5/12	LKD						
R4/12	W6/12	LKD						
R4/12	W7/12	LKD	7	46	2	27	71.4	41.3
R5/12	W8/12	BEDROOM	6	43	1	25	83.3	41.9
R6/12	W9/12	BEDROOM	6	43	2	26	66.7	39.5
R8/12	W11/12	LKD						
R8/12	W12/12	LKD	6	43	2	25	66.7	41.9
R9/12	W13/12	BEDROOM	5	41	2	24	60.0	41.5
R10/12	W14/12	LKD						
R10/12	W15/12	LKD	6	41	3	24	50.0	41.5
R12/12	W17/12	BEDROOM	4	38	3	23	25.0	39.5
R13/12	W18/12	BEDROOM						
R13/12	W19/12	BEDROOM						
R13/12	W20/12	BEDROOM	11	68	11	56	0.0	17.6
R4/13	W5/13	LKD						
R4/13	W6/13	LKD						
R4/13	W7/13	LKD	7	46	2	28	71.4	39.1
R5/13	W8/13	BEDROOM	7	45	2	28	71.4	37.8
R6/13	W9/13	BEDROOM	7	45	3	29	57.1	35.6
R8/13	W11/13	LKD						
R8/13	W12/13	LKD	7	44	3	27	57.1	38.6
R9/13	W13/13	BEDROOM	6	42	3	26	50.0	38.1
R10/13	W14/13	LKD						
R10/13	W15/13	LKD	6	43	3	27	50.0	37.2

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R12/13	W17/13	BEDROOM	5	39	4	25	20.0	35.9
R13/13	W18/13	BEDROOM						
R13/13	W19/13	BEDROOM						
R13/13	W20/13	BEDROOM	11	71	11	60	0.0	15.5
R4/14	W5/14	LKD						
R4/14	W6/14	LKD						
R4/14	W7/14	LKD	8	47	3	31	62.5	34.0
R5/14	W8/14	BEDROOM	8	47	3	32	62.5	31.9
R6/14	W9/14	BEDROOM	8	46	4	32	50.0	30.4
R8/14	W11/14	LKD						
R8/14	W12/14	LKD	7	45	3	30	57.1	33.3
R9/14	W13/14	BEDROOM	6	43	3	28	50.0	34.9
R10/14	W14/14	LKD						
R10/14	W15/14	LKD	6	44	3	29	50.0	34.1
R12/14	W17/14	BEDROOM	5	41	4	28	20.0	31.7
R13/14	W18/14	BEDROOM						
R13/14	W19/14	BEDROOM						
R13/14	W20/14	BEDROOM	12	73	12	62	0.0	15.1
R1/280	W1/280		0	16	0	15	0.0	6.3
R1/281	W1/281		0	17	0	16	0.0	5.9
R2/281	W2/281		1	26	0	24	100.0	7.7
R3/281	W3/281		1	32	0	30	100.0	6.3
R1/282	W1/282		1	21	0	19	100.0	9.5
R2/282	W2/282		1	36	0	34	100.0	5.6
R3/282	W3/282		3	43	0	39	100.0	9.3
R17/9	W25/9							
R17/9	W26/9							
R17/9	W27/9							
R17/9	W28/9							
R17/9	W29/9		12	50	12	50	0.0	0.0
R16/10	W26/10							
R16/10	W27/10		8	36	8	35	0.0	2.8
R16/11	W25/11							
R16/11	W26/11							
R16/11	W27/11		12	59	12	58	0.0	1.7
R16/12	W25/12							
R16/12	W26/12							
R16/12	W27/12		15	66	14	64	6.7	3.0
Chorlton Mill								

SUNLIGHT ANALYSIS
BASELINE VS 10A PROPOSED SCHEME + CUMULATIVE

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R1/239	W1/239	BEDROOM						
R1/239	W2/239	BEDROOM	4	19	4	19	0.0	0.0
R3/239	W4/239							
R3/239	W5/239							
R3/239	W6/239							
R3/239	W7/239							
R3/239	W8/239							
R3/239	W9/239		9	48	9	48	0.0	0.0
R4/239	W10/239							
R4/239	W11/239							
R4/239	W12/239							
R4/239	W13/239							
R4/239	W14/239							
R4/239	W15/239		9	48	9	48	0.0	0.0
R5/239	W16/239							
R5/239	W17/239							
R5/239	W18/239							
R5/239	W19/239							
R5/239	W20/239							
R5/239	W21/239		8	47	8	47	0.0	0.0
R6/239	W22/239							
R6/239	W23/239							
R6/239	W24/239							
R6/239	W25/239							
R6/239	W26/239							
R6/239	W27/239		7	42	7	42	0.0	0.0
R7/239	W28/239							
R7/239	W29/239							
R7/239	W30/239							
R7/239	W31/239							
R7/239	W32/239							
R7/239	W33/239		6	37	6	37	0.0	0.0
R8/239	W34/239							
R8/239	W35/239							
R8/239	W36/239							
R8/239	W37/239							
R8/239	W38/239							
R8/239	W39/239		7	36	7	36	0.0	0.0
R1/240	W1/240	STUDIO						
R1/240	W2/240	STUDIO						
R1/240	W3/240	STUDIO	6	21	6	21	0.0	0.0
R3/240	W6/240	LKD						
R3/240	W7/240	LKD	11	53	10	51	9.1	3.8
R4/240	W8/240	BEDROOM	9	51	9	50	0.0	2.0
R5/240	W9/240	BEDROOM	8	49	8	49	0.0	0.0
R6/240	W10/240	BEDROOM	9	49	9	49	0.0	0.0
R7/240	W11/240	LKD						
R7/240	W12/240	LKD	8	47	8	47	0.0	0.0

SUNLIGHT ANALYSIS
BASELINE VS 10A PROPOSED SCHEME + CUMULATIVE

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R8/240	W13/240	LKD						
R8/240	W14/240	LKD	8	48	8	48	0.0	0.0
R9/240	W15/240	BEDROOM	7	41	7	41	0.0	0.0
R10/240	W16/240	BEDROOM	7	41	7	41	0.0	0.0
R11/240	W17/240	LKD						
R11/240	W18/240	LKD	8	38	8	38	0.0	0.0
R1/241	W1/241	LKD						
R1/241	W2/241	LKD						
R1/241	W3/241	LKD						
R1/241	W4/241	LKD	12	26	10	24	16.7	7.7
R3/241	W6/241	BEDROOM	12	54	11	52	8.3	3.7
R4/241	W7/241	BEDROOM	11	53	10	51	9.1	3.8
R5/241	W8/241	LKD						
R5/241	W9/241	LKD	12	53	11	52	8.3	1.9
R6/241	W10/241	LKD						
R6/241	W11/241	LKD	11	52	10	51	9.1	1.9
R7/241	W12/241	BEDROOM	9	50	8	49	11.1	2.0
R8/241	W13/241	BEDROOM	9	49	9	49	0.0	0.0
R9/241	W14/241	BEDROOM	8	48	8	48	0.0	0.0
R10/241	W15/241	LKD						
R10/241	W16/241	LKD	8	48	8	48	0.0	0.0
R11/241	W17/241	LKD						
R11/241	W18/241	LKD	4	38	4	38	0.0	0.0
R12/241	W19/241	BEDROOM	2	22	1	21	50.0	4.5
R1/242	W1/242	LKD						
R1/242	W2/242	LKD						
R1/242	W3/242	LKD						
R1/242	W4/242	LKD	14	28	12	26	14.3	7.1
R3/242	W6/242	BEDROOM	16	58	15	56	6.3	3.4
R4/242	W7/242	BEDROOM	15	57	14	55	6.7	3.5
R5/242	W8/242	LKD						
R5/242	W9/242	LKD	15	57	14	55	6.7	3.5
R6/242	W10/242	LKD						
R6/242	W11/242	LKD	14	56	14	55	0.0	1.8
R7/242	W12/242	BEDROOM	12	54	12	53	0.0	1.9
R8/242	W13/242	BEDROOM	10	52	10	51	0.0	1.9
R9/242	W14/242	BEDROOM	9	51	9	50	0.0	2.0

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R10/242	W15/242	LKD						
R10/242	W16/242	LKD	9	51	9	51	0.0	0.0
R11/242	W17/242	LKD						
R11/242	W18/242	LKD	5	42	5	42	0.0	0.0
R12/242	W19/242	BEDROOM	2	26	2	26	0.0	0.0
R1/243	W1/243	LKD						
R1/243	W2/243	LKD						
R1/243	W3/243	LKD						
R1/243	W4/243	LKD	18	33	16	31	11.1	6.1
R3/243	W6/243	BEDROOM	18	60	16	57	11.1	5.0
R4/243	W7/243	BEDROOM	17	59	15	56	11.8	5.1
R5/243	W8/243	LKD						
R5/243	W9/243	LKD	17	59	15	56	11.8	5.1
R6/243	W10/243	LKD						
R6/243	W11/243	LKD	15	57	14	55	6.7	3.5
R7/243	W12/243	BEDROOM	13	55	13	54	0.0	1.8
R8/243	W13/243	BEDROOM	13	55	13	54	0.0	1.8
R9/243	W14/243	BEDROOM	12	54	12	53	0.0	1.9
R10/243	W15/243	LKD						
R10/243	W16/243	LKD	10	53	10	52	0.0	1.9
R11/243	W17/243	LKD						
R11/243	W18/243	LKD	5	47	5	46	0.0	2.1
R12/243	W19/243	BEDROOM	2	32	2	32	0.0	0.0
R1/244	W1/244	LKD						
R1/244	W2/244	LKD						
R1/244	W3/244	LKD						
R1/244	W4/244	LKD	18	34	16	32	11.1	5.9
R3/244	W6/244	BEDROOM	18	60	16	57	11.1	5.0
R4/244	W7/244	BEDROOM	17	59	15	56	11.8	5.1
R5/244	W8/244	LKD						
R5/244	W9/244	LKD	17	59	15	56	11.8	5.1
R6/244	W10/244	LKD						
R6/244	W11/244	LKD	18	60	16	57	11.1	5.0
R7/244	W12/244	BEDROOM	16	58	15	56	6.3	3.4
R8/244	W13/244	BEDROOM	15	57	14	55	6.7	3.5
R9/244	W14/244	BEDROOM	13	55	13	54	0.0	1.8
R10/244	W15/244	LKD						
R10/244	W16/244	LKD	13	56	13	55	0.0	1.8

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R11/244	W17/244	LKD						
R11/244	W18/244	LKD	9	52	9	51	0.0	1.9
R12/244	W19/244	BEDROOM	2	39	2	39	0.0	0.0
R1/245	W1/245							
R1/245	W2/245							
R1/245	W3/245							
R1/245	W4/245		19	62	17	60	10.5	3.2
R3/245	W6/245	BEDROOM	19	61	17	58	10.5	4.9
R4/245	W7/245	BEDROOM	17	60	15	57	11.8	5.0
R5/245	W8/245	LKD						
R5/245	W9/245	LKD	17	59	15	56	11.8	5.1
R6/245	W10/245	LKD						
R6/245	W11/245	LKD	18	60	16	57	11.1	5.0
R7/245	W12/245	BEDROOM	16	58	15	56	6.3	3.4
R8/245	W13/245	BEDROOM	16	58	15	56	6.3	3.4
R9/245	W14/245	BEDROOM	15	57	14	55	6.7	3.5
R10/245	W15/245	LKD						
R10/245	W16/245	LKD	16	59	16	58	0.0	1.7
R11/245	W17/245	LKD						
R11/245	W18/245	LKD	13	56	13	55	0.0	1.8
R12/245	W19/245	BEDROOM	7	49	7	49	0.0	0.0
R1/250	W1/250							
R1/250	W5/250		13	50	12	49	7.7	2.0
R2/250	W2/250							
R2/250	W3/250							
R2/250	W4/250		13	48	12	47	7.7	2.1
R1/251	W1/251	BEDROOM						
R1/251	W2/251	BEDROOM						
R1/251	W3/251	BEDROOM	16	55	16	55	0.0	0.0
R2/251	W4/251	BEDROOM	16	56	16	55	0.0	1.8
R3/251	W5/251	LKD						
R3/251	W6/251	LKD						
R3/251	W7/251	LKD						
R3/251	W8/251	LKD	18	60	18	59	0.0	1.7
R1/252	W1/252	BEDROOM						
R1/252	W2/252	BEDROOM						
R1/252	W3/252	BEDROOM	16	60	16	59	0.0	1.7
R2/252	W4/252	BEDROOM	17	59	17	58	0.0	1.7
R3/252	W5/252	LKD						
R3/252	W6/252	LKD						
R3/252	W7/252	LKD						

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R3/252	W8/252	LKD	18	62	18	61	0.0	1.6
R1/253	W1/253	BEDROOM						
R1/253	W2/253	BEDROOM						
R1/253	W3/253	BEDROOM	16	60	16	59	0.0	1.7
R2/253	W4/253	BEDROOM	17	61	17	60	0.0	1.6
R3/253	W5/253	LKD						
R3/253	W6/253	LKD						
R3/253	W7/253	LKD						
R3/253	W8/253	LKD	18	66	18	65	0.0	1.5
R1/254	W1/254	BEDROOM						
R1/254	W2/254	BEDROOM						
R1/254	W3/254	BEDROOM	16	60	16	59	0.0	1.7
R2/254	W4/254	BEDROOM	17	61	17	60	0.0	1.6
R3/254	W5/254	LKD						
R3/254	W6/254	LKD						
R3/254	W7/254	LKD						
R3/254	W8/254	LKD	18	72	18	71	0.0	1.4
R1/255	W1/255							
R1/255	W2/255		16	61	16	60	0.0	1.6
R2/255	W3/255							
R2/255	W4/255		14	79	14	78	0.0	1.3
5 Cambridge Street (Cambridge Mill)								
R1/29	W1/29		12	53	12	51	0.0	3.8
R2/29	W2/29		11	51	11	50	0.0	2.0
R3/29	W3/29		11	50	11	49	0.0	2.0
R4/29	W4/29		10	48	10	47	0.0	2.1
R5/29	W5/29		8	43	8	42	0.0	2.3
R6/29	W6/29		5	38	5	37	0.0	2.6
R7/29	W7/29		2	28	2	26	0.0	7.1
R8/29	W8/29		5	42	5	42	0.0	0.0
R9/29	W9/29		4	40	4	40	0.0	0.0
R10/29	W10/29							
R10/29	W11/29							
R10/29	W12/29		3	51	3	51	0.0	0.0
R1/30	W1/30		13	54	13	53	0.0	1.9
R2/30	W2/30		13	54	13	53	0.0	1.9
R3/30	W3/30		13	54	13	53	0.0	1.9
R4/30	W4/30		12	50	12	50	0.0	0.0

SUNLIGHT ANALYSIS
BASELINE VS 10A PROPOSED SCHEME + CUMULATIVE

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R5/30	W5/30		9	45	9	45	0.0	0.0
R6/30	W6/30		7	41	7	41	0.0	0.0
R7/30	W7/30		2	29	2	28	0.0	3.4
R8/30	W8/30		10	51	10	49	0.0	3.9
R9/30	W9/30		10	49	10	48	0.0	2.0
R10/30	W10/30							
R10/30	W11/30							
R10/30	W12/30		16	74	16	73	0.0	1.4
R1/31	W1/31		14	55	14	53	0.0	3.6
R2/31	W2/31		14	56	14	54	0.0	3.6
R3/31	W3/31		14	56	14	54	0.0	3.6
R4/31	W4/31		15	57	15	55	0.0	3.5
R5/31	W5/31		14	54	14	53	0.0	1.9
R6/31	W6/31		10	47	10	46	0.0	2.1
R7/31	W7/31		7	42	7	41	0.0	2.4
R8/31	W8/31		3	31	3	30	0.0	3.2
R9/31	W9/31		11	50	11	49	0.0	2.0
R10/31	W10/31		11	51	11	50	0.0	2.0
R11/31	W11/31		12	53	12	52	0.0	1.9
R12/31	W12/31		12	52	12	52	0.0	0.0
R13/31	W13/31							
R13/31	W14/31							
R13/31	W15/31		17	77	17	77	0.0	0.0
R1/32	W1/32		16	57	16	56	0.0	1.8
R2/32	W2/32		16	58	16	57	0.0	1.7
R3/32	W3/32		17	59	17	58	0.0	1.7
R4/32	W4/32		17	59	17	58	0.0	1.7
R5/32	W5/32		15	55	15	54	0.0	1.8
R6/32	W6/32		12	50	12	49	0.0	2.0
R7/32	W7/32		9	45	9	44	0.0	2.2
R8/32	W8/32		4	33	4	32	0.0	3.0
R9/32	W9/32		13	53	13	52	0.0	1.9

SUNLIGHT ANALYSIS
BASELINE VS 10A PROPOSED SCHEME + CUMULATIVE

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R10/32	W10/32		13	53	13	52	0.0	1.9
R11/32	W11/32		13	54	13	53	0.0	1.9
R12/32	W12/32		12	52	12	52	0.0	0.0
R13/32	W13/32							
R13/32	W14/32							
R13/32	W15/32		18	79	18	79	0.0	0.0
R1/33	W1/33		17	58	17	57	0.0	1.7
R2/33	W2/33		17	59	17	58	0.0	1.7
R3/33	W3/33		18	60	18	59	0.0	1.7
R4/33	W4/33		18	61	18	60	0.0	1.6
R5/33	W5/33		16	57	16	56	0.0	1.8
R6/33	W6/33		15	55	15	54	0.0	1.8
R7/33	W7/33		11	47	11	46	0.0	2.1
R8/33	W8/33		4	33	4	32	0.0	3.0
R9/33	W9/33		16	56	16	55	0.0	1.8
R10/33	W10/33		15	55	15	54	0.0	1.8
R11/33	W11/33		15	56	15	55	0.0	1.8
R12/33	W12/33		15	55	15	55	0.0	0.0
R13/33	W13/33							
R13/33	W14/33							
R13/33	W15/33		20	82	20	82	0.0	0.0
R1/34	W1/34		17	58	17	57	0.0	1.7
R2/34	W2/34		17	59	17	58	0.0	1.7
R3/34	W3/34		18	60	18	59	0.0	1.7
R4/34	W4/34		18	61	18	60	0.0	1.6
R5/34	W5/34		17	59	17	58	0.0	1.7
R6/34	W6/34		15	57	15	56	0.0	1.8
R7/34	W7/34		12	50	12	49	0.0	2.0
R8/34	W8/34		6	35	6	34	0.0	2.9
R9/34	W9/34		18	58	18	57	0.0	1.7
R10/34	W10/34		17	57	17	56	0.0	1.8
R11/34	W11/34		18	59	18	58	0.0	1.7
R12/34	W12/34		18	58	18	58	0.0	0.0

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R13/34	W13/34							
R13/34	W14/34							
R13/34	W15/34		23	86	23	86	0.0	0.0
R1/35	W1/35		23	81	23	81	0.0	0.0
R2/35	W2/35							
R2/35	W3/35		23	84	23	83	0.0	1.2
R3/35	W4/35							
R3/35	W5/35		23	85	23	84	0.0	1.2
R4/35	W6/35							
R4/35	W7/35		24	85	24	84	0.0	1.2
R5/35	W8/35		24	84	24	83	0.0	1.2
R6/35	W9/35							
R6/35	W10/35		22	82	22	81	0.0	1.2
R7/35	W11/35		18	58	18	57	0.0	1.7
R8/35	W12/35							
R8/35	W13/35		24	83	24	83	0.0	0.0
R9/35	W14/35							
R9/35	W15/35		24	85	24	84	0.0	1.2
R10/35	W16/35		24	85	24	84	0.0	1.2
R11/35	W17/35							
R11/35	W18/35		24	85	24	84	0.0	1.2
Manchester Student Village								
R1/20	W1/20							
R1/20	W2/20							
R1/20	W3/20		15	56	15	53	0.0	5.4
R2/20	W4/20		15	55	15	53	0.0	3.6
R3/20	W5/20		15	54	15	52	0.0	3.7
R4/20	W6/20		13	52	13	50	0.0	3.8
R5/20	W7/20		13	52	13	50	0.0	3.8
R6/20	W8/20		11	52	11	50	0.0	3.8
R7/20	W9/20		11	52	11	50	0.0	3.8
R8/20	W10/20		10	49	10	47	0.0	4.1
R9/20	W11/20		11	51	11	48	0.0	5.9
R10/20	W12/20		11	51	11	48	0.0	5.9
R11/20	W13/20		11	51	11	48	0.0	5.9
R12/20	W14/20		12	53	12	50	0.0	5.7

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R13/20	W15/20		12	52	12	50	0.0	3.8
R1/21	W1/21							
R1/21	W2/21							
R1/21	W3/21		15	58	15	56	0.0	3.4
R2/21	W4/21		15	56	15	55	0.0	1.8
R3/21	W5/21		15	56	15	55	0.0	1.8
R4/21	W6/21		14	55	14	54	0.0	1.8
R5/21	W7/21		14	55	14	54	0.0	1.8
R6/21	W8/21		14	56	14	55	0.0	1.8
R7/21	W9/21		14	56	14	55	0.0	1.8
R8/21	W10/21		14	54	14	53	0.0	1.9
R9/21	W11/21		15	56	15	54	0.0	3.6
R10/21	W12/21		14	54	14	52	0.0	3.7
R11/21	W13/21		15	55	15	53	0.0	3.6
R12/21	W14/21		14	55	14	53	0.0	3.6
R13/21	W15/21		13	56	13	54	0.0	3.6
R14/21	W16/21		13	55	13	53	0.0	3.6
R1/22	W1/22							
R1/22	W2/22							
R1/22	W3/22		16	60	16	58	0.0	3.3
R2/22	W4/22		15	57	15	56	0.0	1.8
R3/22	W5/22		15	56	15	55	0.0	1.8
R4/22	W6/22		14	56	14	55	0.0	1.8
R5/22	W7/22		14	56	14	55	0.0	1.8
R6/22	W8/22		14	57	14	56	0.0	1.8
R7/22	W9/22		14	56	14	55	0.0	1.8
R8/22	W10/22		14	55	14	54	0.0	1.8
R9/22	W11/22		15	57	15	56	0.0	1.8
R10/22	W12/22		15	57	15	55	0.0	3.5
R11/22	W13/22		16	59	16	57	0.0	3.4
R12/22	W14/22		16	60	16	59	0.0	1.7
R13/22	W15/22		16	60	16	59	0.0	1.7

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R14/22	W16/22		16	59	16	58	0.0	1.7
R1/23	W1/23							
R1/23	W2/23							
R1/23	W3/23		17	62	17	60	0.0	3.2
R2/23	W4/23		17	61	17	60	0.0	1.6
R3/23	W5/23		16	59	16	58	0.0	1.7
R4/23	W6/23		15	58	15	57	0.0	1.7
R5/23	W7/23		15	58	15	57	0.0	1.7
R6/23	W8/23		15	59	15	58	0.0	1.7
R7/23	W9/23		15	58	15	57	0.0	1.7
R8/23	W10/23		15	57	15	56	0.0	1.8
R9/23	W11/23		16	59	16	59	0.0	0.0
R10/23	W12/23		16	60	16	60	0.0	0.0
R11/23	W13/23		16	59	16	59	0.0	0.0
R12/23	W14/23		16	60	16	59	0.0	1.7
R13/23	W15/23		16	60	16	60	0.0	0.0
R14/23	W16/23		16	60	16	60	0.0	0.0
R1/24	W1/24							
R1/24	W2/24							
R1/24	W3/24		18	63	18	61	0.0	3.2
R2/24	W4/24		18	62	18	61	0.0	1.6
R3/24	W5/24		17	61	17	60	0.0	1.6
R4/24	W6/24		16	60	16	59	0.0	1.7
R5/24	W7/24		16	59	16	58	0.0	1.7
R6/24	W8/24		16	60	16	59	0.0	1.7
R7/24	W9/24		16	59	16	58	0.0	1.7
R8/24	W10/24		16	58	16	57	0.0	1.7
R9/24	W11/24		16	59	16	59	0.0	0.0
R10/24	W12/24		16	60	16	60	0.0	0.0
R11/24	W13/24		16	59	16	59	0.0	0.0
R12/24	W14/24		16	60	16	59	0.0	1.7
R13/24	W15/24		17	61	17	61	0.0	0.0
R14/24	W16/24		17	61	17	61	0.0	0.0

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R1/25	W1/25							
R1/25	W2/25							
R1/25	W3/25		19	64	19	62	0.0	3.1
R2/25	W4/25		19	63	19	62	0.0	1.6
R3/25	W5/25		18	62	18	61	0.0	1.6
R4/25	W6/25		17	61	17	60	0.0	1.6
R5/25	W7/25		17	60	17	59	0.0	1.7
R6/25	W8/25		17	61	17	60	0.0	1.6
R7/25	W9/25		17	60	17	59	0.0	1.7
R8/25	W10/25		17	60	17	59	0.0	1.7
R9/25	W11/25		17	60	17	60	0.0	0.0
R10/25	W12/25		17	61	17	61	0.0	0.0
R11/25	W13/25		17	60	17	60	0.0	0.0
R12/25	W14/25		17	61	17	61	0.0	0.0
R13/25	W15/25		17	61	17	61	0.0	0.0
R14/25	W16/25		17	61	17	61	0.0	0.0
R1/26	W1/26		22	81	22	80	0.0	1.2
R2/26	W2/26							
R2/26	W3/26		22	81	22	80	0.0	1.2
R3/26	W4/26							
R3/26	W5/26		22	81	22	80	0.0	1.2
R4/26	W6/26							
R4/26	W7/26		21	80	21	79	0.0	1.3
R5/26	W8/26							
R5/26	W9/26		20	79	20	78	0.0	1.3
R6/26	W10/26							
R6/26	W11/26		20	79	20	78	0.0	1.3
R7/26	W12/26							
R7/26	W13/26		20	79	20	78	0.0	1.3
R8/26	W14/26							
R8/26	W15/26		20	79	20	78	0.0	1.3
R9/26	W16/26							
R9/26	W17/26		20	79	20	79	0.0	0.0
R10/26	W18/26							
R10/26	W19/26		21	81	21	81	0.0	0.0
R11/26	W20/26							

SUNLIGHT ANALYSIS
BASELINE VS 10A PROPOSED SCHEME + CUMULATIVE

Room	Window	Room Use	Room Existing Winter APSH	Room Existing Annual APSH	Room Proposed Winter APSH	Room Proposed Annual APSH	Winter %Loss	Annual %Loss
R11/26	W21/26		21	80	21	80	0.0	0.0
R12/26	W22/26							
R12/26	W23/26		21	80	21	80	0.0	0.0
R13/26	W24/26							
R13/26	W25/26		21	80	21	80	0.0	0.0
R14/26	W26/26							
R14/26	W27/26		21	79	21	79	0.0	0.0

Appendix 11: Cumulative Time in Sun Plots

SCALE NTS @ A3



BASELINE



PROPOSED

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

N

Key:

	Area analysed
	Area with more than 2 hours of direct sunlight
	Area with less than 2 hours of direct sunlight
50%	Percentage of area with more than 2 hours of direct sunlight

Revisions:	Date:	Init:
-		

Proximity
Kennedy House. 31 Stamford Street,
Altrincham, WA14 1ES

Client:
Ask Real Estate

Project:
First Street,
Manchester

Drawing Title:
BRE 2hr Sunlight
March 21st
Baseline vs Proposed Scheme
31/10/22 - Plot 10A + Cumulative

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Jan 23

Project No:	Drawing No:	Rev No:
[3017]	W134	-



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