

Daylight & Sunlight Report

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Proposed Development at Maitland Park Estate, Camden, London NW1

London Borough of Camden

September 2019

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Prepared By: Richard Nosworthy
Date: September 2019

For and on behalf of GVA Grimley Limited t/a Avison Young

1. Introduction

- 1.1 Avison Young has been instructed by London Borough of Camden to undertake a review of the potential effect to daylight and sunlight amenity of neighbouring residential occupants as a result of the proposed development, together with a review of internal daylight and sunlight amenity within the proposed habitable rooms.
- 1.2 The following report has been based upon a site inspection and a set of detailed technical analyses undertaken based upon the methodologies contained within the BRE Guidelines considering the proposed development which is the subject of this application, together with measured land survey of the existing site buildings and those potentially affected.
- 1.3 The development is subject to an extant permission (ref: 2014/5840/P, as amended by 2015/6696/P), of which this scheme is a variation. Therefore, as the daylight and sunlight was deemed acceptable in relation to the extant consent, similar results should once again be deemed acceptable. Therefore whilst our commentary is in relation to the BRE Guidelines, we will also compare the values retained/achieved with those associated with the extant consent.

2. Daylight/Sunlight Planning Principles

- 2.1 The Building Research Establishment (BRE) 2011 guidelines – Site Layout Planning for Daylight and Sunlight: a guide to good practice is the document referred to by most local authorities. The BRE Guide covers amenity requirements for sunlight and daylight to buildings around any development site.

The introduction to the guidelines (para 1.6) states: -

"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 developer. Although it gives numerical guidelines, these should be interpreted flexibly because natural lighting is only one of the many factors in site layout design."

and:

"In special circumstances, 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 proportions of existing buildings."

Daylighting to Existing Neighbours

- 2.2 The recommendations with regard daylighting to existing residential buildings around a development site are set out in Part 2.2 of the guidelines.
- 2.3 The amount of light available to any window depends upon the amount of unobstructed sky that can be seen from the centre of the window under consideration. The amount of visible sky and consequently the amount of available skylight is assessed by calculating the vertical sky component at the centre of the window.
- 2.4 The guidelines advise that bathrooms, toilets, storerooms, circulation areas and garages need not be analysed. The guidelines also suggest that where layouts of existing neighbours are known that the distribution of daylight within rooms is reviewed although bedrooms are considered to be less important.
- 2.5 The Vertical Sky Component (VSC) can be calculated by using the skylight indicator provided as part of the guidelines, by mathematical methods using what is known as a Waldram diagram or by 3D CAD modelling.
- 2.6 The guidelines states the following:-

"If this vertical sky component is greater than 27% then enough skylight should still be reaching the window of the existing building. Any reduction below this level should be kept to a minimum. If the vertical sky component with the new development in place, is both less than 27% and less than 0.8 times its former value, then occupants of the existing building will notice the reduction in the amount of skylight."

- 2.7 The VSC calculation only measures light reaching the outside plane of the window under consideration, so this is potential light rather than actual. Depending upon the room and window size, the room may still be adequately lit with a lesser VSC value than the target values referred to above.

Sunlighting to Existing Neighbours

- 2.8 Requirements for protection of sunlighting to existing residential buildings around a development site are set out in Part 3.2 of the BRE guidelines. There is a requirement to assess windows of surrounding properties where the main windows face within 90 degrees of due south.
- 2.9 The calculations are taken at the window reference point at the centre of each window on the plane of the inside surface of the wall. The guidelines further state that kitchens and bedrooms are less important in the context of considering sunlight, although care should be taken not to block too much sun.

The guidelines sets the following standard:-

- 2.10 *"If this window reference point can receive more than one quarter of annual probable sunlight hours, including at least 5% of annual probable sunlight hours during the winter months of 21st September and 21st March, then the room should still receive enough sunlight. The sunlight availability indicator in Appendix A can be used to check this."*
- 2.11 *"Any reduction in sunlight access below this level should be kept to a minimum. If the available sunlight hours are both less than the amount given and less than 0.8 times their former value, either over the whole year or just during the winter months then the occupants of the existing building will notice the loss of sunlight."*
- 2.12 To summarize the above, a good level of sunlight to a window is 25% annual probable sunlight hours (APSH), of which 5% should be in winter months. Where sunlight levels fall below the suggested level, a comparison with the existing condition is reviewed and if the ratio reduction is within 0.8 (the same as saying a 20% reduction) its former value then the sunlight loss will not be noticeable. Sunlight reduction that fall below 0.8, i.e. 0.7 (greater than 20%) then the sunlight losses will be noticed by the occupants.

Daylight and Sunlight Amenity for Future Occupants

- 2.13 The British Standard BS 8206-2:2008 Part 2, referenced in the BRE Guidelines, was withdrawn 7 May 2019 and superseded by BS EN 17037: 2018. However, until these standards are formerly adopted by the BRE we have reverted to the BS 8206-2:2008 for our studies.
- 2.14 The British Standard relies upon the use of Average Daylight Factors (ADF) rather than VSC and Daylight Distribution. The use of ADF is referred to in the BRE Guidelines (Appendix C) but its use is usually limited as a supplementary 'check' of internal lighting conditions once the VSC and Daylight Distribution tests have been completed.
- 2.15 ADF is sometimes seen as a more accurate and representative measure of internal lighting conditions as it comprises a greater number of design factors and input variables/coefficients. That is, the value of ADF is derived from:
- The actual amount of daylight received by the window(s) serving the room expressed as the "*angle of visible sky*" which is derived from the VSC value and therefore represents the amount of light striking the face of the window.
 - The loss of transmittance through the glazing.
 - The size of the window (net area of glazing).
 - The size of the room served by the window(s) (net internal surface area of the room).
 - The internal reflectance values of the internal finishes within the room.
 - The specific use of the room.
- 2.16 One of the main reasons why ADF is more appropriate for New-Build buildings is that any of the above input variables can be changed during the course of the design process in order to achieve the required internal lighting values. The ability to make such changes is not usually available when dealing with existing neighbouring buildings.
- 2.17 Unlike the application of VSC and daylight distribution, the British Standard differentiates between different room uses. It places the highest ADF standard on family kitchens where the minimum target value is 2%. Living Rooms should achieve 1.5% and Bedrooms 1.0%.

3. Report

- 3.1 Attached drawings MA127/13 BRE/141 and BRE/144 indicate the existing and proposed site conditions in context with the properties assessed.
- 3.2 Site inspection and desktop research of the potentially affected adjacent properties indicated the following are likely to contain residential use:-
- Beech, Chestnut and Oak House, Maitland Park Villas (Drawing MA127/13 BRE146 to BRE148);
 - Alder House, Maitland Park Villas (Drawings MA127/13 BRE/149 & BRE/150);
 - Hornbeam House, Maitland Park Villas (Drawing MA127/13 BRE/151 & BRE/152);
 - Whitebeam House, Maitland Park Villas (Drawing MA127/13 BRE/153);
 - St Pancras Almshouses (Drawings MA127/13 BRE/154);
 - Grafton Terrace (Drawing MA127/13 BRE/155, 156 and 157); and
 - Grafton Mews (Drawing MA127/13 BRE/158).

Beech, Chestnut and Oak House, Maitland Park Villas

- 3.3 These properties are located to the south of the proposed development at the Aspen House site.
- 3.4 Detailed research of the uses and layouts of the potentially affected areas indicated that the windows facing towards the proposed development site serve bathrooms and small kitchens.
- 3.5 Arguably neither room would be considered as habitable, by virtue of use in respect of the former and size in relation to the latter; therefore daylight/sunlight amenity expectations would be reduced. The assessments indicate noticeable reductions to some of the kitchens; however the retained values and consequently the enjoyment of daylight within the rooms are similar to those associated with the extant consent by reference to the Average Daylight Factor (ADF) values.
- 3.6 The main living rooms areas and bedrooms do not face directly towards the proposed development and therefore in general either retain in excess of the BRE minimum target recommendation of at least 27% VSC or else experience slight unnoticeable reductions post-development.
- 3.7 In some locations (two of eight living rooms assessed) the results indicated minor noticeable reductions in terms of the sky visible at the window faces as measured by the VSC assessment. However the internally assessed No Skyline (NSL) analysis, which takes into account the room

behind the window, indicated all the living rooms would retain adequate internal daylight distribution, with high ADF values retained within the room.

- 3.8 In relation to Sunlight, all relevant windows satisfy the guidelines by retaining 25% annual and 5% winter and/or 0.8 of their former value.
- 3.9 The overall effect would be considered acceptable for an urban environment and similar to those deemed acceptable in relation to the extant consent.

Alder House, Maitland Park Villas



- 3.10 This block contains windows potentially affected by the proposed development and was therefore conservatively reviewed, notwithstanding the considerable distance separating these windows from the development site.
- 3.11 The detailed assessments indicate that there would be only slight, unnoticeable reductions post-development, with all windows retaining in excess of the BRE guideline recommendation of 27% VSC or 0.8 of their former value. In relation to the daylight within the rooms, the NSL test confirms that there will be no noticeable change, with all retaining 0.8 of their former value.
- 3.12 In relation to Sunlight, all relevant windows satisfy the guidelines by retaining 25% annual and 5% winter and/or 0.8 of their former value.

- 3.13 The overall effect would therefore be considered negligible; again these are almost identical to those deemed acceptable in relation to the extant consent.

Hornbeam House, Mailland Park Villas



- 3.14 This block is located directly to the north of the Aspen House development site and contains south facing windows, some of which feature balconies overhead which restrict available levels of daylight and sunlight as existing.
- 3.15 The detailed assessments of these windows and rooms indicated some reductions in daylight and sunlight, none of which would be considered as noticeable to occupants by virtue of retaining the specified guideline values or retaining 0.8 of their former value.
- 3.16 In relation to sunlight, with the exception of one winter sunlight value reduced to 4%, all relevant windows satisfy the guidelines by retaining 25% annual and 5% winter and/or 0.8 of their former value.
- 3.17 Therefore, once again, the overall effect would be considered acceptable, as shown in Appendix 1.

Whitebeam House, Maitland Park Villas

- 3.18 This tower block is located directly to the east of the proposed development site at Aspen House and also to the south of the Grafton Terrace massing. The potentially affected areas were therefore assessed.
- 3.19 The VSC assessment results indicated the majority of windows would continue to receive levels in excess of the BRE minimum recommendations of at least 27% or experience slight, unnoticeable reductions. This applies to 43 of the 48 windows assessed.
- 3.20 In some locations (five windows out of 48 assessed) the VSC assessments indicated the potential for noticeable reductions. In all of these circumstances the windows are affected by the presence of their own balconies.
- 3.21 The internal daylight results for all potentially affected rooms behind the windows facing the sites would in all circumstances meet the BRE recommendations.
- 3.22 In relation to Sunlight, two windows will see marginally noticeable change with reductions of 22%. Both windows serve the same room and as such, the room will retain a well sun-lit appearance by virtue of their combined contribution. Five windows will see reductions to winter sunlight in excess of the guidelines, however again one should consider the combined contribution to the room and the reduction of the absolute values. All other relevant windows satisfy the guidelines by retaining 25% annual and 5% winter and/or 0.8 of their former value.

- 3.23 The overall effect would therefore be considered acceptable and accords with the findings associated with the extant consent.

St Pancras Almshouses



- 3.24 A conservative set of assessments were undertaken, notwithstanding the separation distance from the site.
- 3.25 All windows achieved the BRE guidelines recommendations and therefore the effects are considered acceptable.

Grafton Terrace



- 3.26 The north development site is located on the junction of Grafton Terrace and Maitland Park Villas. The site is considered to differ in terms of height when compared to the typical street pattern, as can be observed in the above photograph.
- 3.27 As stated in the BRE guidelines, a higher degree of obstruction may be unavoidable if new developments are to match the height and proportions of existing buildings.
- 3.28 None of the rooms assessed for daylight distribution would experience noticeable reductions.
- 3.29 Of the 29 windows assessed for VSC, 25 would retain in excess of the BRE minimum target recommendation of at least 27%VSC or experience no change. Two would experience small, marginally noticeable reductions.
- 3.30 The remaining two windows would experience a reduction in existing VSC of 22.20% and 25.51%, which the BRE would consider may be slightly noticeable to occupants. The retained VSC values of 24.42% VSC and 25.51% VSC are however considered adequate for an urban environment.
- 3.31 Of the 28 windows assessed for sunlight, none would experience noticeable reductions in total annual APSH.

- 3.32 In terms of winter months APSH, two of the 28 windows assessed would experience winter month's reductions in excess of 20%, which the BRE would consider as noticeable to occupants. At window locations (W1/90 & W1/100) the retained winter months APSH at 4% would be slightly below the guideline of 5%. The annual APSH reduction for these windows would be less than 4%; therefore the BRE would not consider the effect as adverse.

Grafton Mews



- 3.33 A set of assessments was undertaken of the windows serving the rear of the dwellings directly to the east of the Grafton Terrace site, as indicated in the above photograph.
- 3.34 These parts currently overlook a low rise/ open area and therefore have what is considered an atypical situation in an urban environment, having an unobstructed outlook.
- 3.35 The assessments indicated VSC reductions in some locations (20 of 70 windows assessed) with the potential to be noticeable to occupants. At first floor, windows see more noticeable changes as a result of the protruding balconies above, applying a self-imposed restriction to sky and increasing their sensitivity, resulting in lower daylight values at the window. However by reference to both the ADF and NSL tests, good daylight levels with the respective rooms are retained. Where the influence of the balconies is not apparent, the residual values are commensurate with those typically found within an urban location. These VSC reductions are similar to those associated with the extant consent.

- 3.36 The internally assessed NSL results indicated slightly noticeable reductions in six rooms; in all cases the retained levels are considered adequate for location, with all rooms retaining daylight in excess of 56% of the room area. These are supported by reference to the high retained ADF values, particularly to those rooms assumed to be the main habitable spaces.
- 3.37 Overall, given the majority of areas will be fully compliant with the BRE recommendations and the high retained levels of daylight and sunlight, the effects are considered acceptable. Again, these findings are similar to those associated with the extant consent.

Parkhill Road



- 3.38 This run of houses backs onto the development site with long gardens in between. The ground level on Parkhill Road is higher than the development site, meaning that the proposed development sits fully below a 25° angle struck from the middle of the lowest windows.
- 3.39 As a result the BRE guidelines state daylight is unlikely to be adversely affected and therefore no further detailed study is required.

Natural Light Amenity within the Proposed Development

- 3.40 All habitable rooms were considered in detail by application of the ADF and NSL assessments.
- 3.41 The results indicate an adequate level of internal daylight amenity within the proposed habitable rooms with over 95.0% in excess of the recommended ADF in relation to their respective room type. In relation to the NSL test, 83.3% rooms satisfy the 80% day-lit area

guidelines, with 97.8% receiving daylight receiving daylight to over 50% of the room area. Therefore the majority of the remaining room will still achieve values considered very good in the context of an urban location. Therefore we suggest that excellent daylight values are achieved within the scheme overall.

- 3.42 In relation to sunlight, 500 relevant windows serving 388 rooms have been considered. 55% windows satisfy the 25% annual guideline values and 63.2% satisfy the winter guideline value. It should be noted that a large proportion of main habitable rooms are served by multiple windows, therefore whilst some windows may fall short of the guidelines, the majority of rooms receive good access to sunlight by virtue of at least one window satisfying the guidelines and/or the cumulative contribution from multiple windows. Also, a large number of the remaining are only just below the guideline value, which should still be considered very good the context an urban location.
- 3.43 Therefore, excellent daylight and sunlight levels are achieved overall and are directly comparable with the extant consent and as such, should once again be considered acceptable.

4. Conclusions

- 4.1 In the majority of potentially affected locations reviewed the detailed assessment results indicated full compliance with the BRE guidelines recommendations.
- 4.2 In a small number of locations the interim reductions between the existing and proposed daylight and sunlight levels would be considered by the BRE as potentially noticeable to occupants.
- 4.3 However, in general the retained levels should, once again be considered adequate for an urban environment as the values are similar to the previous consent.
- 4.4 With regards to internal daylight within the proposed habitable rooms, detailed testing has indicated that these would be adequate for an urban environment given the degree of compliance with BS8206-2:2008 British Standard Code of Practice for Daylighting minimum ADF target recommendations. Once again, as these are broadly similar to the values achieved in respect of the previously consented scheme and therefore should be considered acceptable.

Appendix I



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Sources of Information
Survey from Format
13101 - 002 Rev A
13101 - 003 Rev A

INFO 20 SEPT 2019
MPI-AV-R-DR-A-2016-C.dwg
MPI-GT-R-DR-A-2025-C.dwg
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MPI-AV-ZZ-DR-A-2612-A.dwg



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London

Client
London Borough of Camden

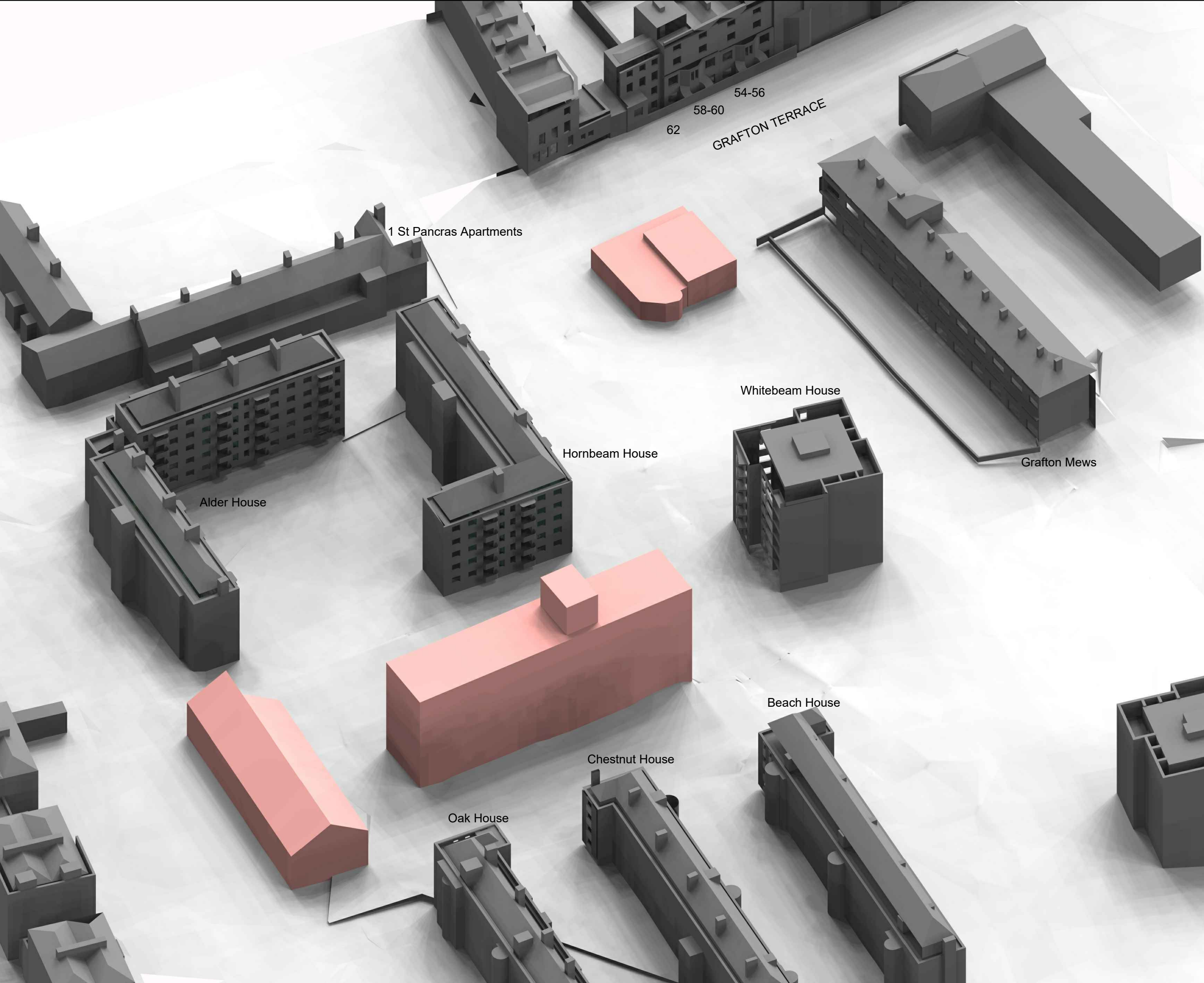
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Project No. MA127_13	Drawing No. BRE_141	Revision -
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Daylight

A3



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Sources of Information
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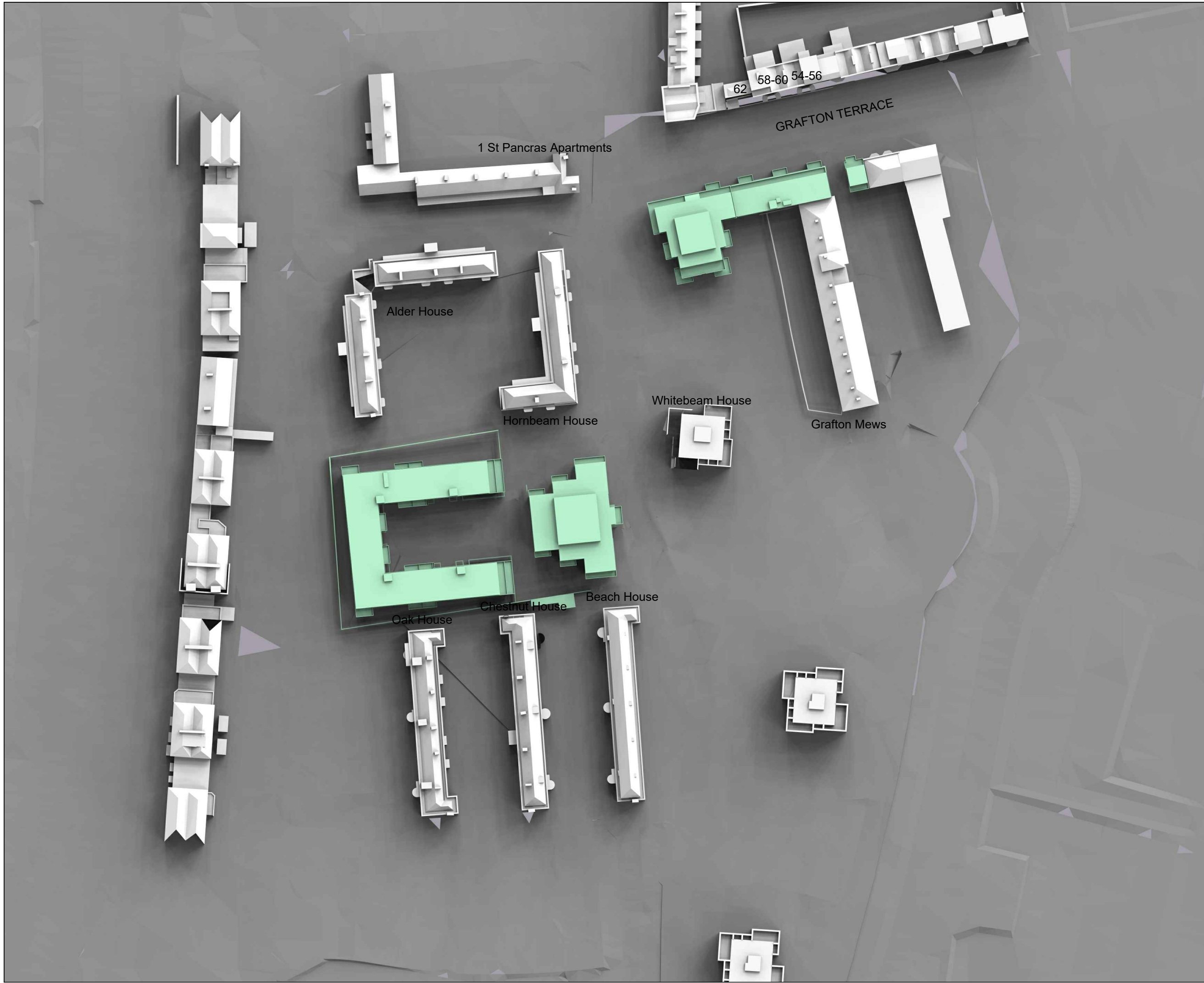
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Drawing Title
EXISTING CONDITION
3D VIEW

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PROPOSED CONDITION
3D VIEW

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1/1000

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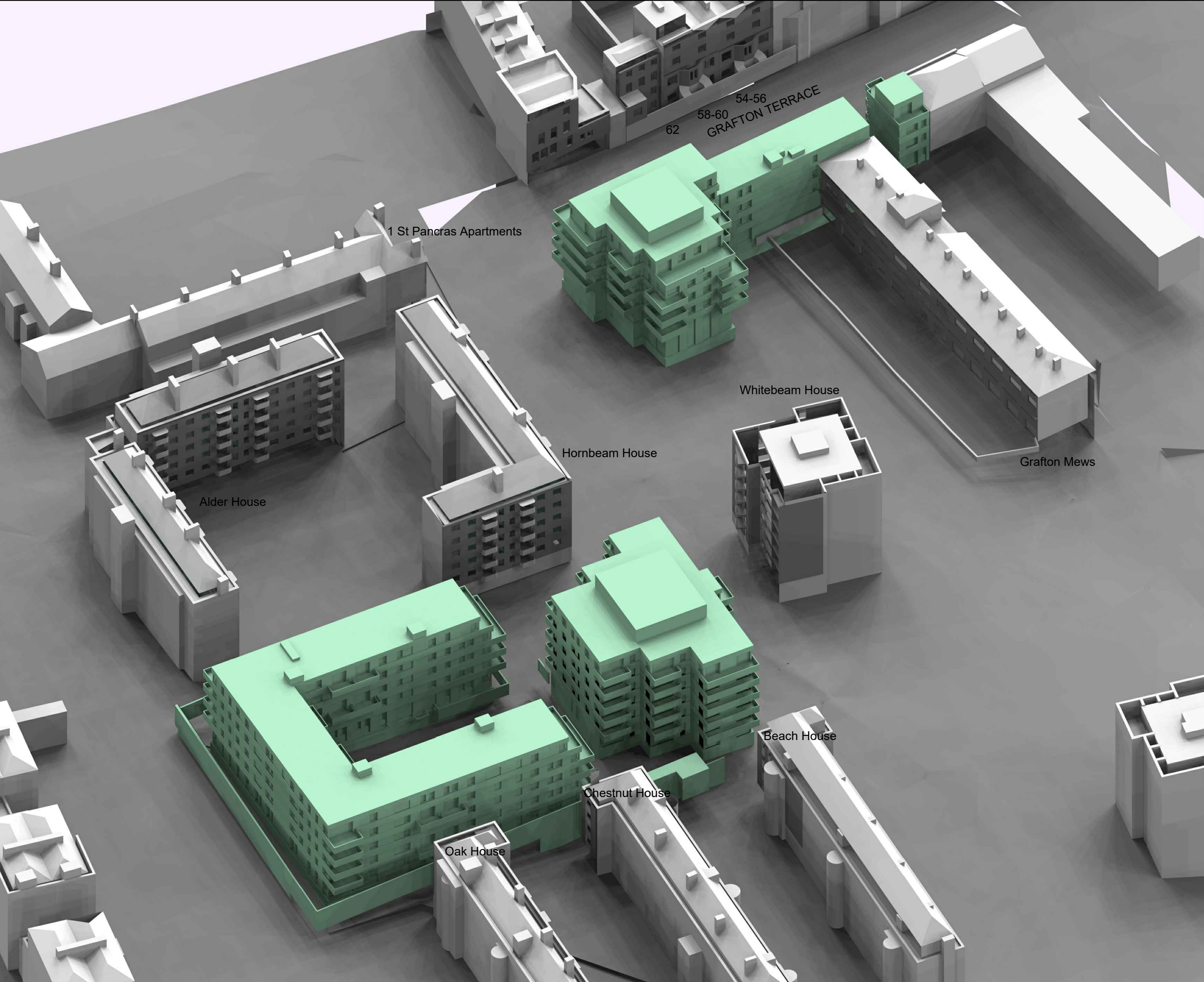
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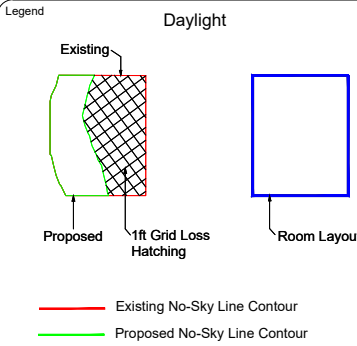
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Daylight

A3

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NO SKYLINE CONTOURS
BEECH HOUSE

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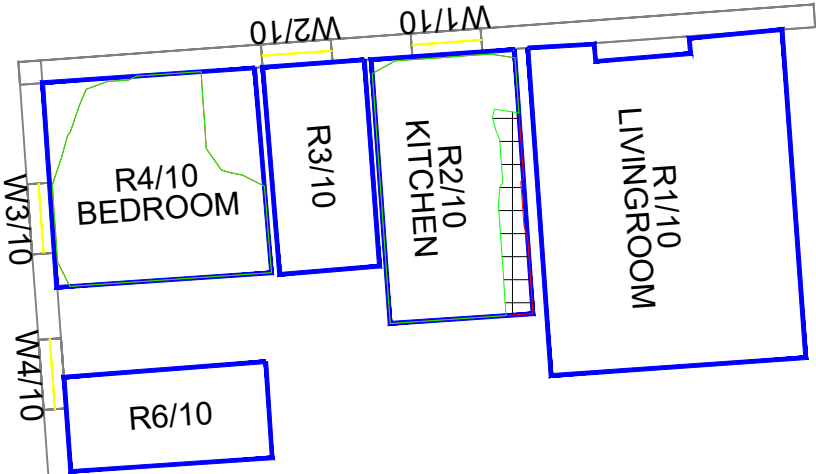
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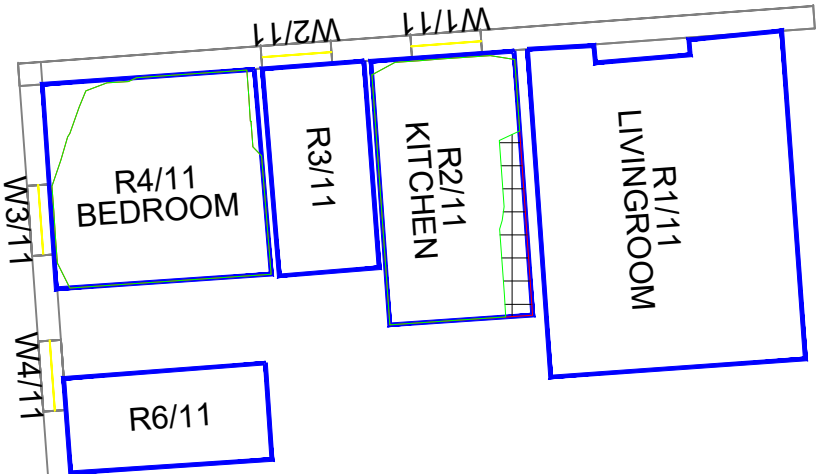
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Daylight

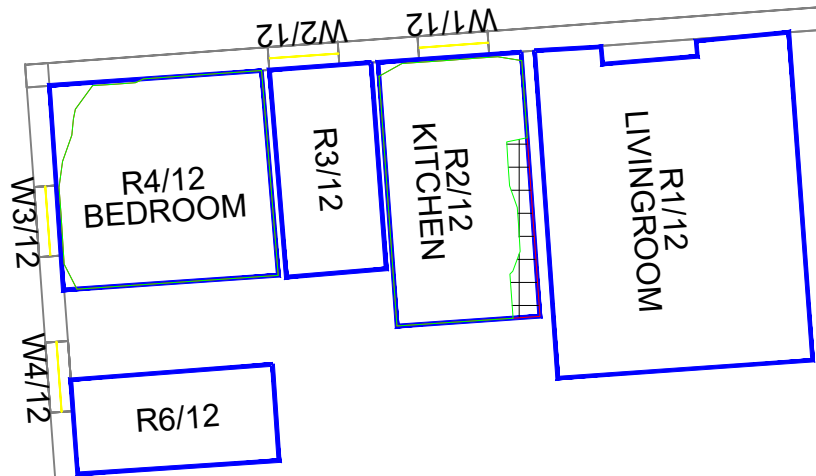
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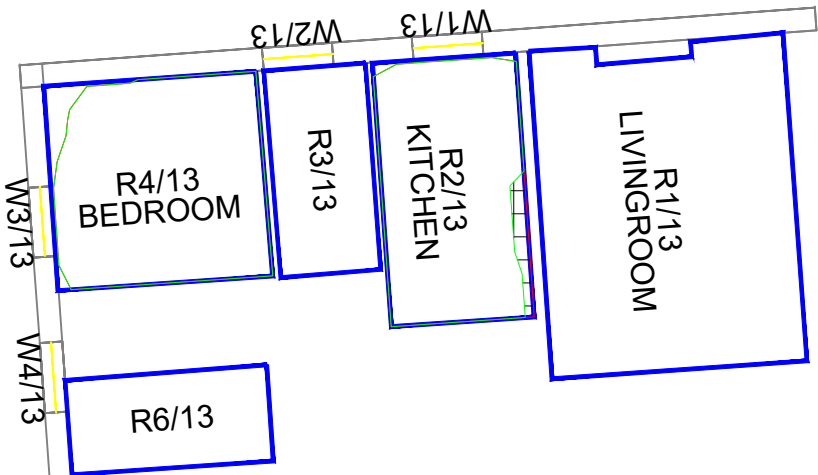
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First Floor

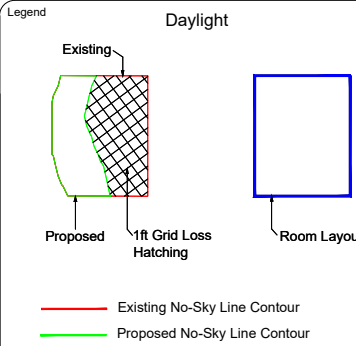


Second Floor



Third Floor

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Drawing Title
NO SKYLINE CONTOURS
CHESTNUT HOUSE

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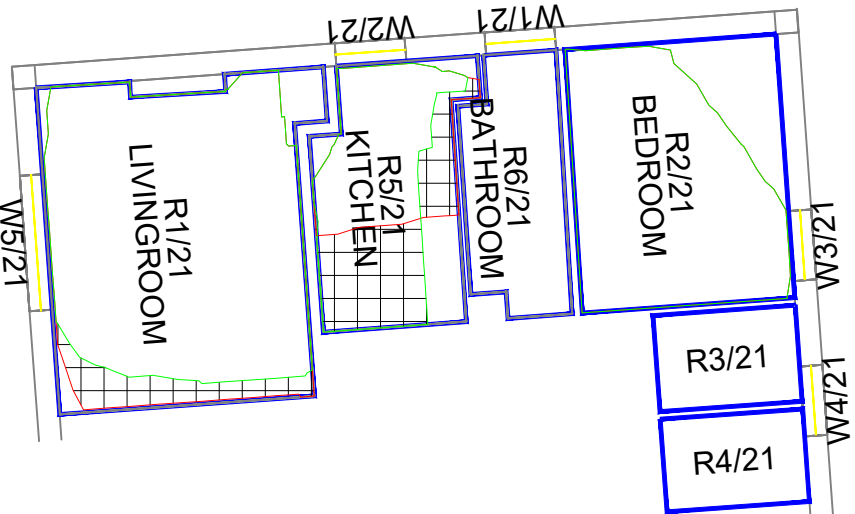
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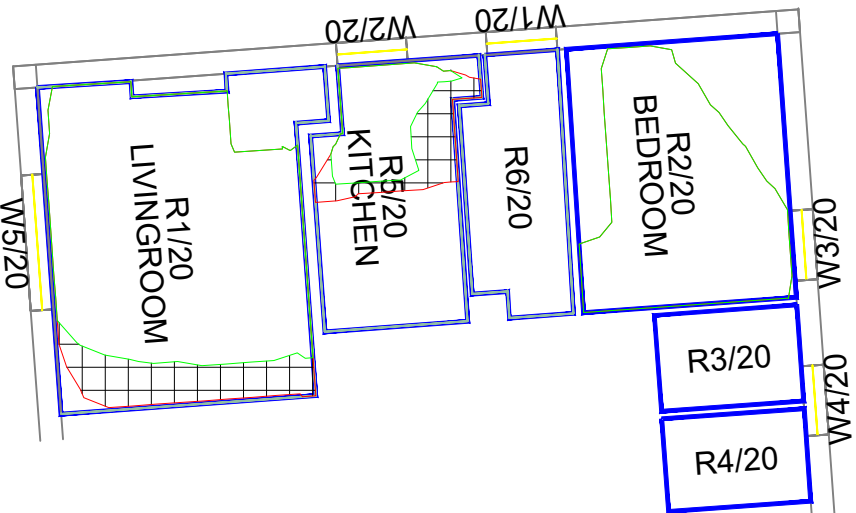
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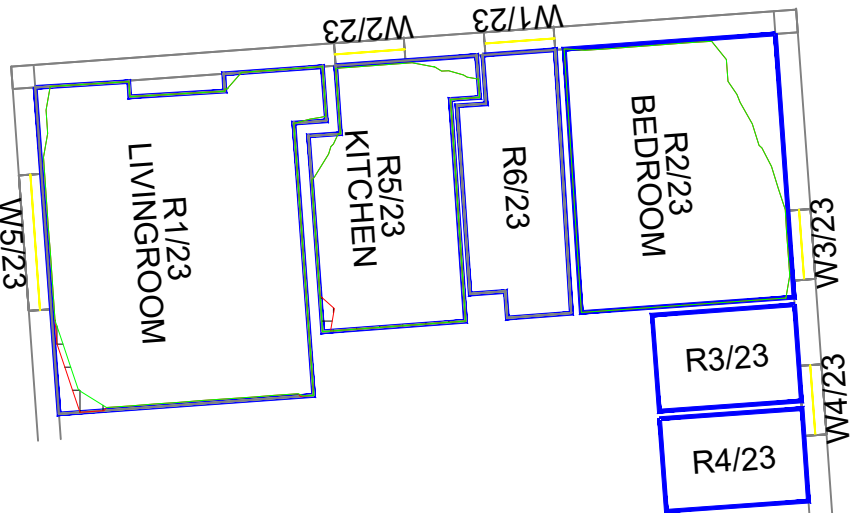
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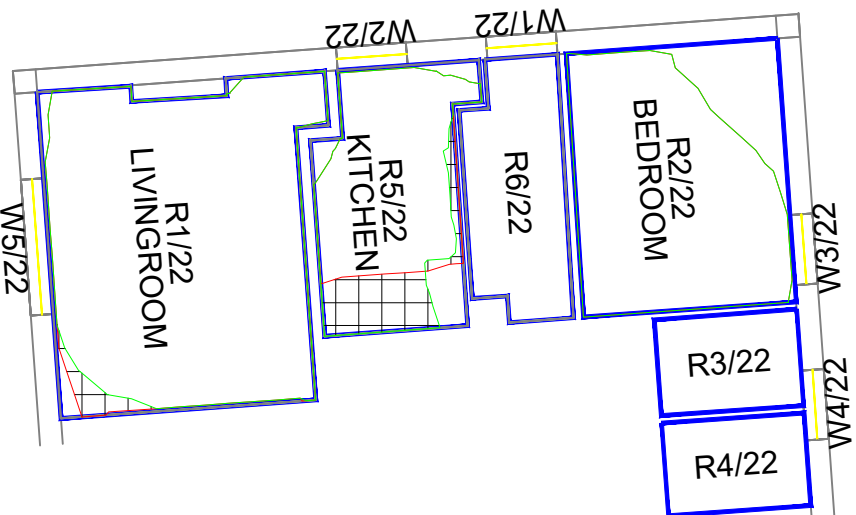
First Floor



Ground Floor



Third Floor



Second Floor

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Legend

Daylight

Existing

Proposed

1ft Grid Loss Hatching

Room Layout

Existing No-Sky Line Contour

Proposed No-Sky Line Contour

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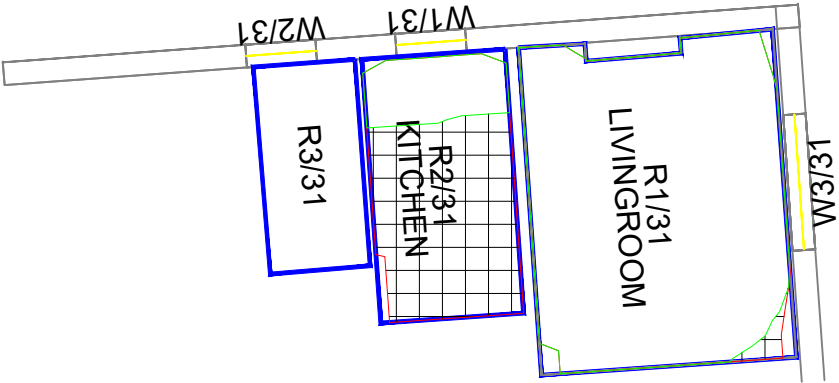
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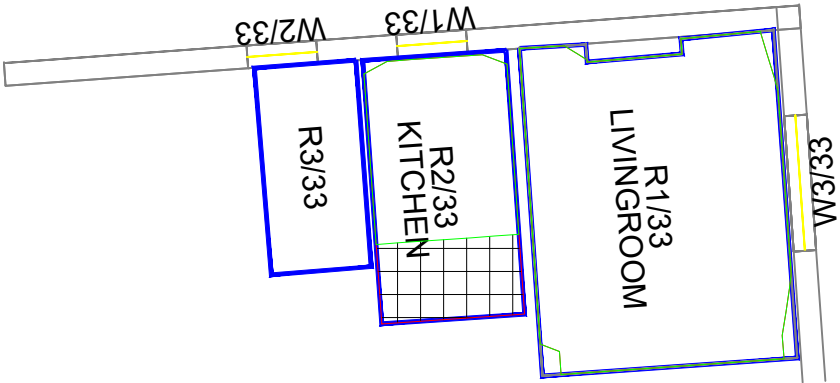
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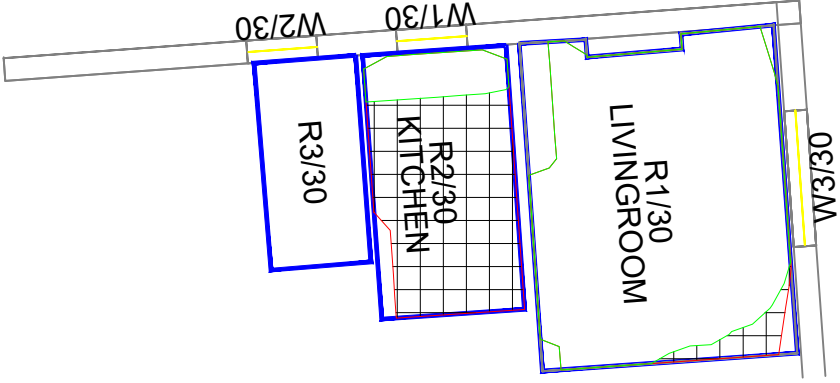
Project No. MA127_13	Drawing No. BRE_148	Revision -
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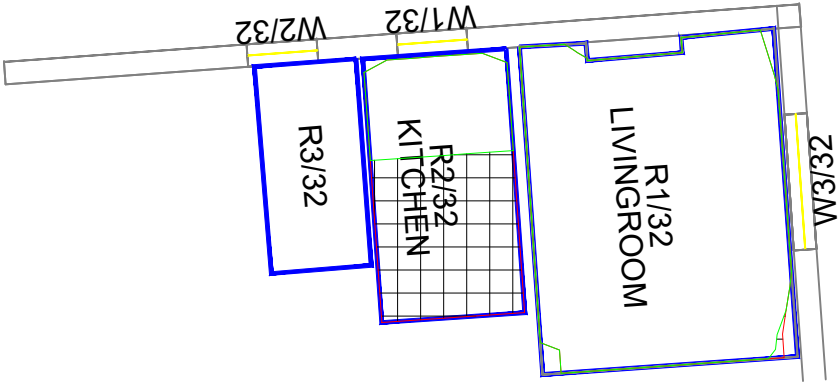
First Floor



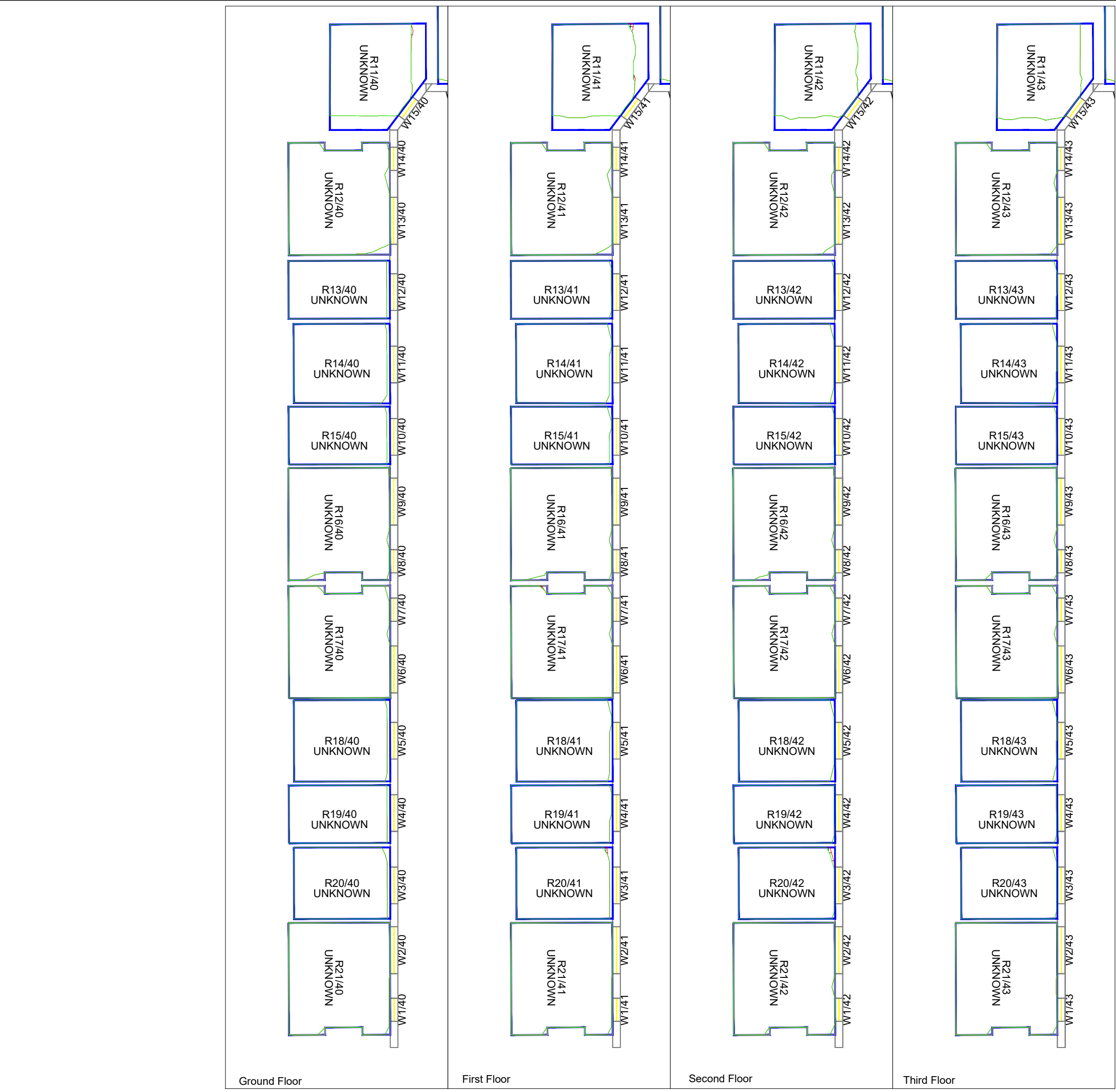
Third Floor



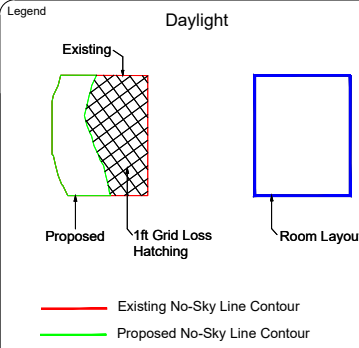
Ground Floor



Second Floor



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Sources of Information
Survey from Format
13101 - 002 Rev A
13101 - 003 Rev A

INFO 20 SEPT 2019
MPI-AV-R-DR-A-2016-C.dwg
MPI-GT-R-DR-A-2025-C.dwg
MPI-GT-ZZ-DR-A-2621-B.dwg
MPI-AV-ZZ-DR-A-2612-A.dwg



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Project Name
Maitland Park
London

Client
London Borough of Camden

Drawing Title
NO SKYLINE CONTOURS
ALDER HOUSE

Drawn By
RT

Chk'd By

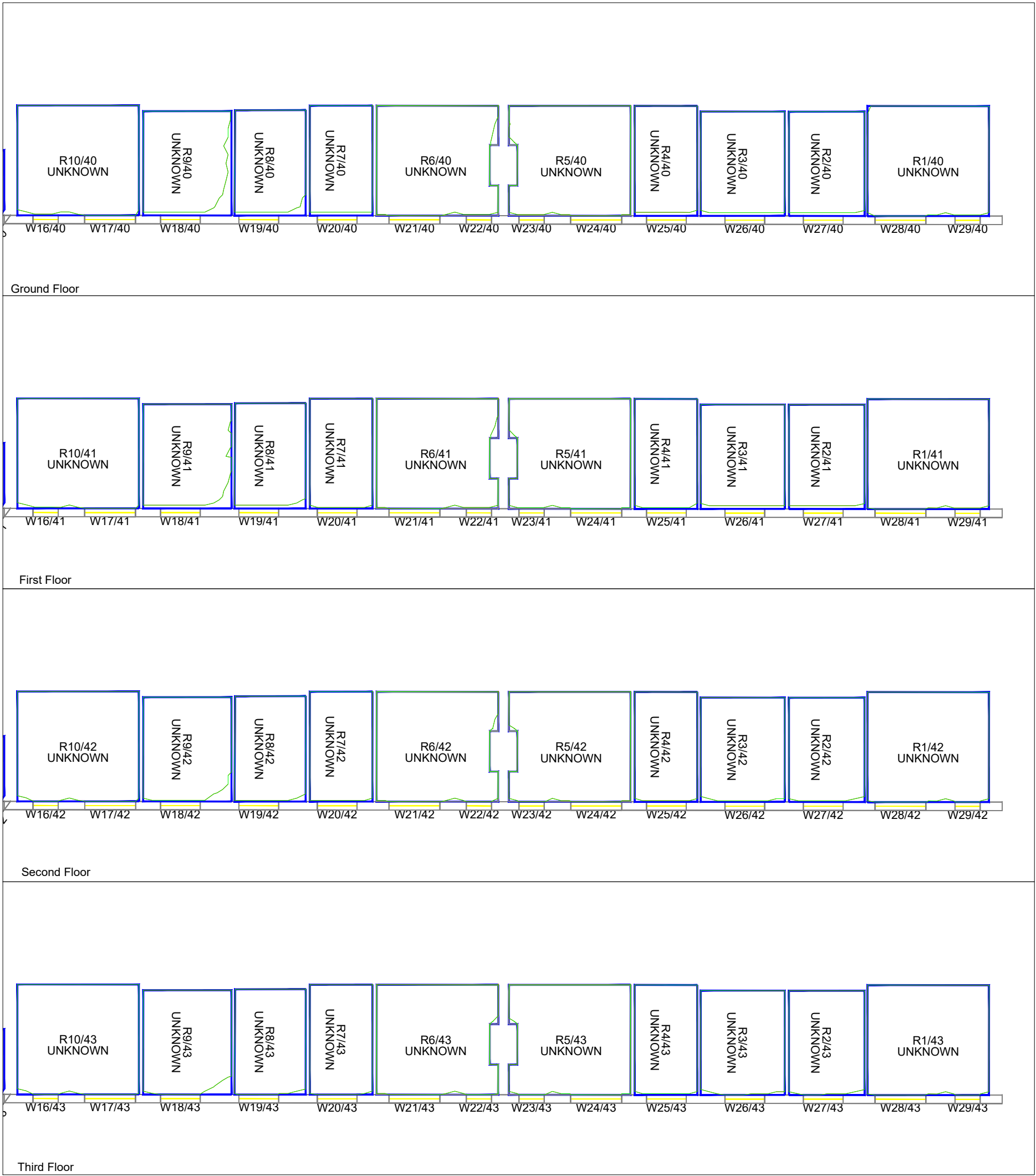
Scale @ A3
1/150

Date
25 SEPT 2019

Project No.
MA127_13

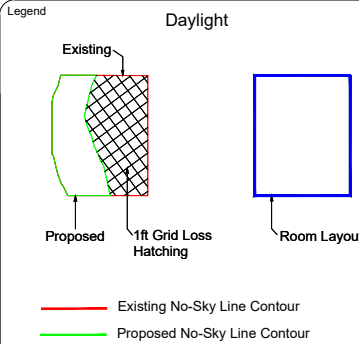
Drawing No.
BRE_149

Revision
-



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Sources of Information
Survey from Format
13101 - 002 Rev A
13101 - 003 Rev A

INFO 20 SEPT 2019
MPI-AV-R-DR-A-2016-C.dwg
MPI-GT-R-DR-A-2025-C.dwg
MPI-GT-ZZ-DR-A-2621-B.dwg
MPI-AV-ZZ-DR-A-2612-A.dwg



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Project Name
Maitland Park
London

Client
London Borough of Camden

Drawing Title
NO SKYLINE CONTOURS
ALDER HOUSE

Drawn By
RT

Chk'd By
1/150

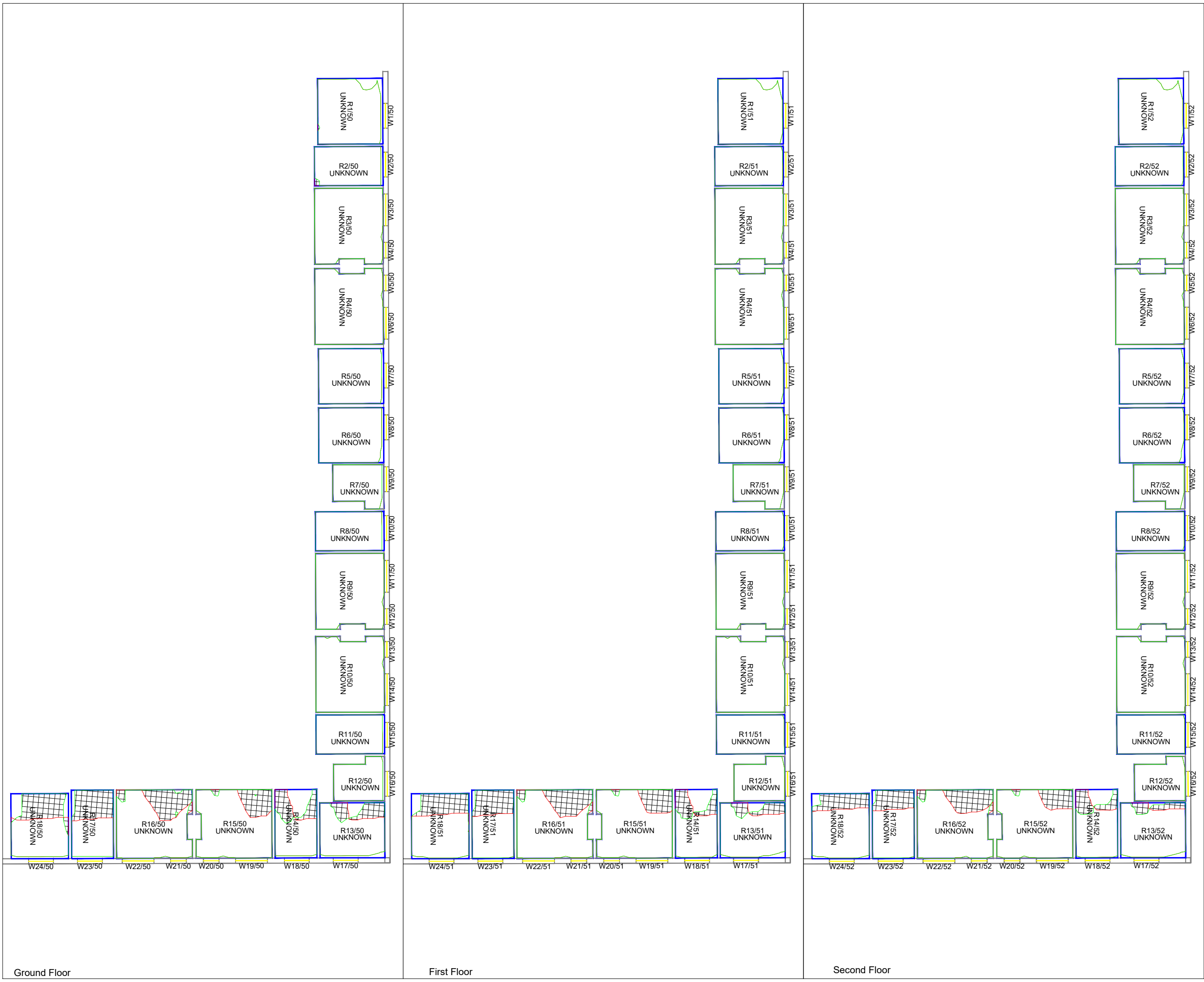
Scale @ A3
1/150

Date
25 SEPT 2019

Project No.
MA127_13

Drawing No.
BRE_150

Revision
-



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Legend

Daylight

Existing

Proposed

1ft Grid Loss Hatching

Room Layout

Existing No-Sky Line Contour

Proposed No-Sky Line Contour

Sources of Information
Survey from Format
13101 - 002 Rev A
13101 - 003 Rev A

INFO 20 SEPT 2019
MPI-AV-R-DR-A-2016-C.dwg
MPI-GT-R-DR-A-2025-C.dwg
MPI-GT-ZZ-DR-A-2621-B.dwg
MPI-AV-ZZ-DR-A-2612-A.dwg

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Project Name
Maitland Park
London

Client
London Borough of Camden

Drawing Title
NO SKYLINE CONTOURS
HORNBEAM HOUSE

Drawn By
RT

Chk'd By

Scale @ A3
1/150

Date
25 SEPT 2019

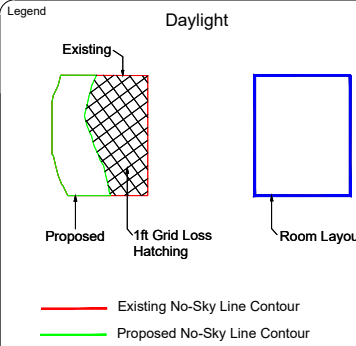
Project No.
MA127_13

Drawing No.
BRE_151

Revision
-

Daylight

A3



Sources of Information
Survey from Format
13101 - 002 Rev A
13101 - 003 Rev A

INFO 20 SEPT 2019
MPI-AV-R-DR-A-2016-C.dwg
MPI-GT-R-DR-A-2025-C.dwg
MPI-GT-ZZ-DR-A-2621-B.dwg
MPI-AV-ZZ-DR-A-2612-A.dwg



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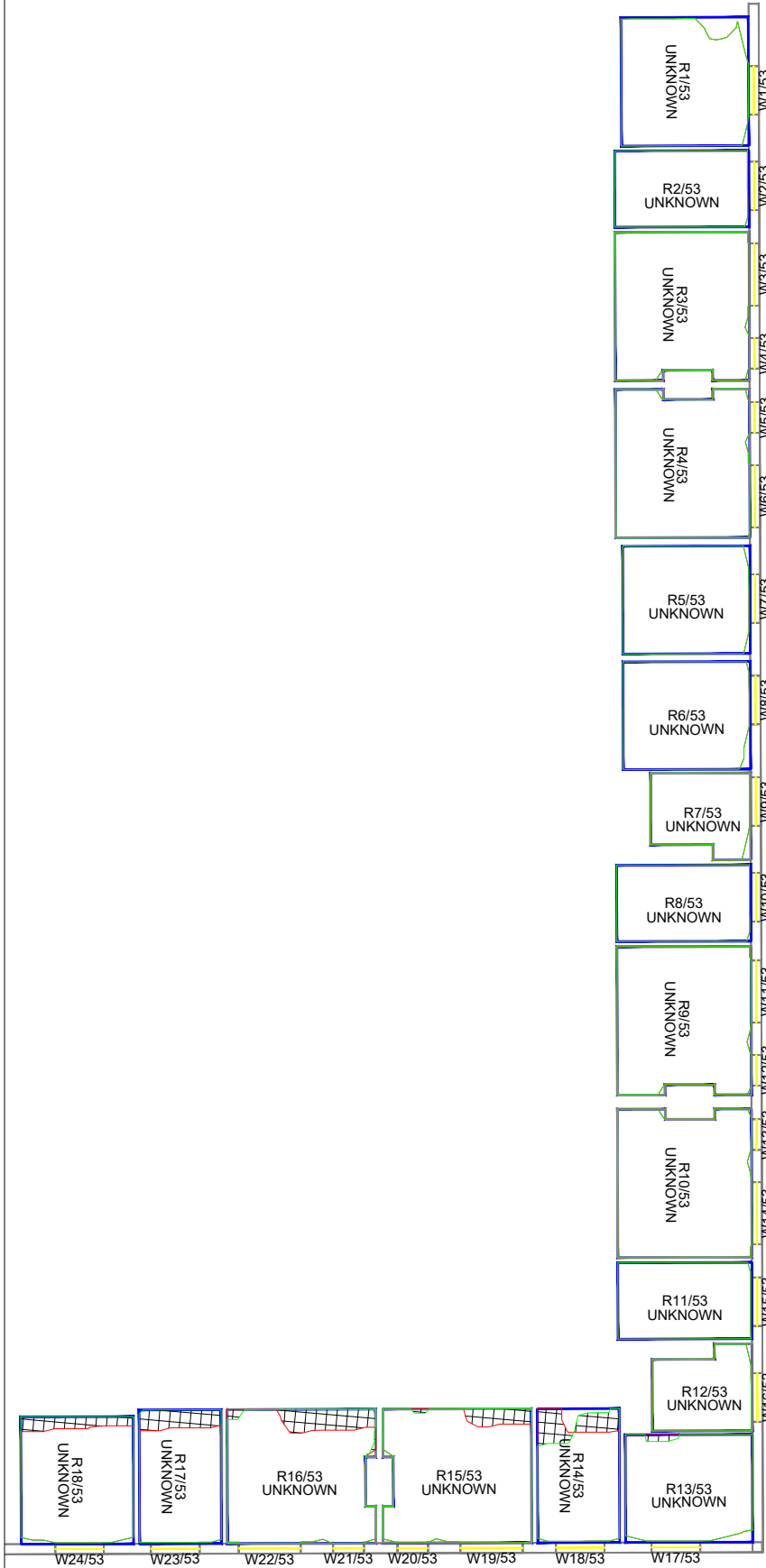
Project Name
Maitland Park
London

Client
London Borough of Camden

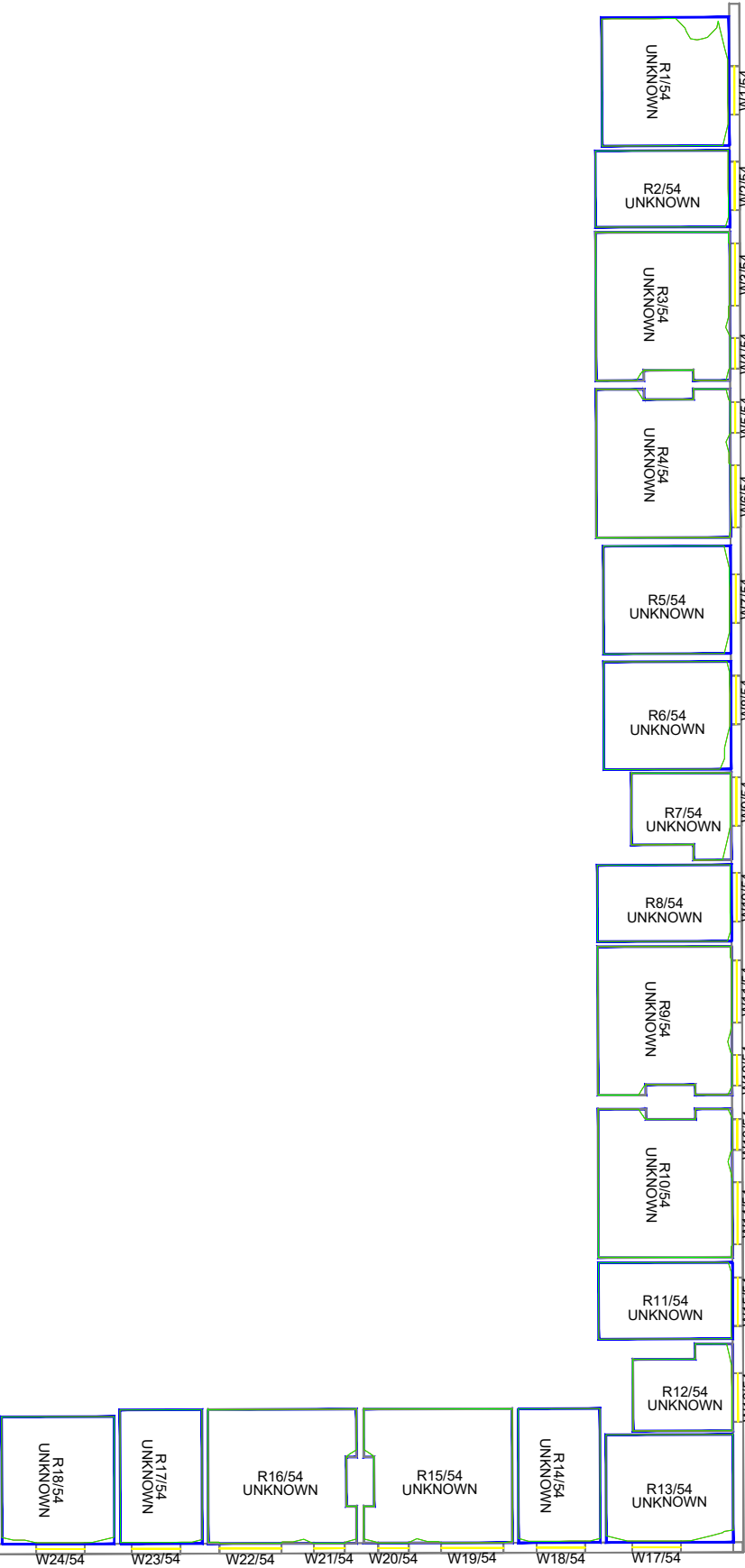
Drawing Title
NO SKYLINE CONTOURS
HORBEAM HOUSE

Drawn By RT	Chk'd By	Scale @ A3 1/150	Date 25 SEPT 2019
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Project No. MA127_13	Drawing No. BRE_152	Revision -
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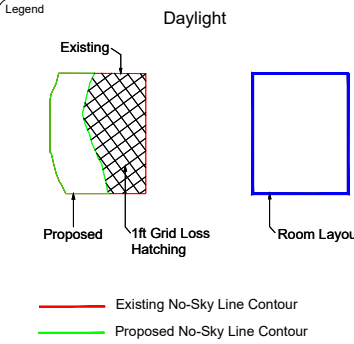


Third Floor



Fourth Floor

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Sources of Information
Survey from Format
13101 - 002 Rev A
13101 - 003 Rev A

INFO 20 SEPT 2019
MPI-AV-R-DR-A-2016-C.dwg
MPI-GT-R-DR-A-2025-C.dwg
MPI-GT-ZZ-DR-A-2621-B.dwg
MPI-AV-ZZ-DR-A-2612-A.dwg



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London

Client
London Borough of Camden

Drawing Title
NO SKYLINE CONTOURS
WHITEBEAM HOUSE

Drawn By
RT

Chk'd By

Scale @ A3
1/150

Date
25 SEPT 2019

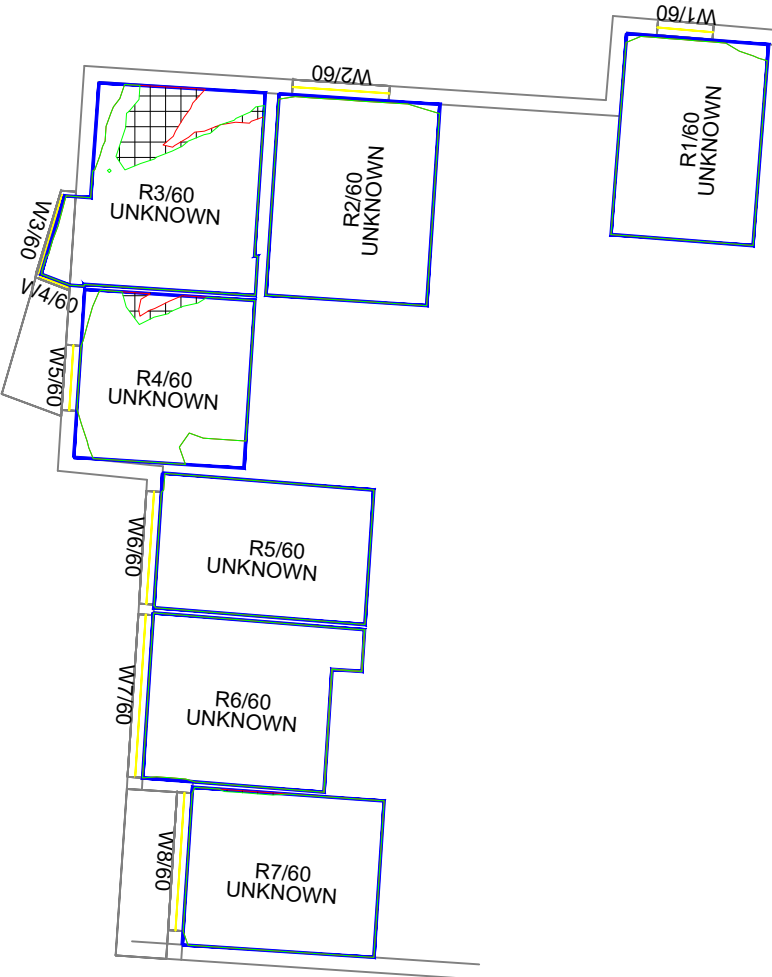
Project No.
MA127_13

Drawing No.
BRE_153

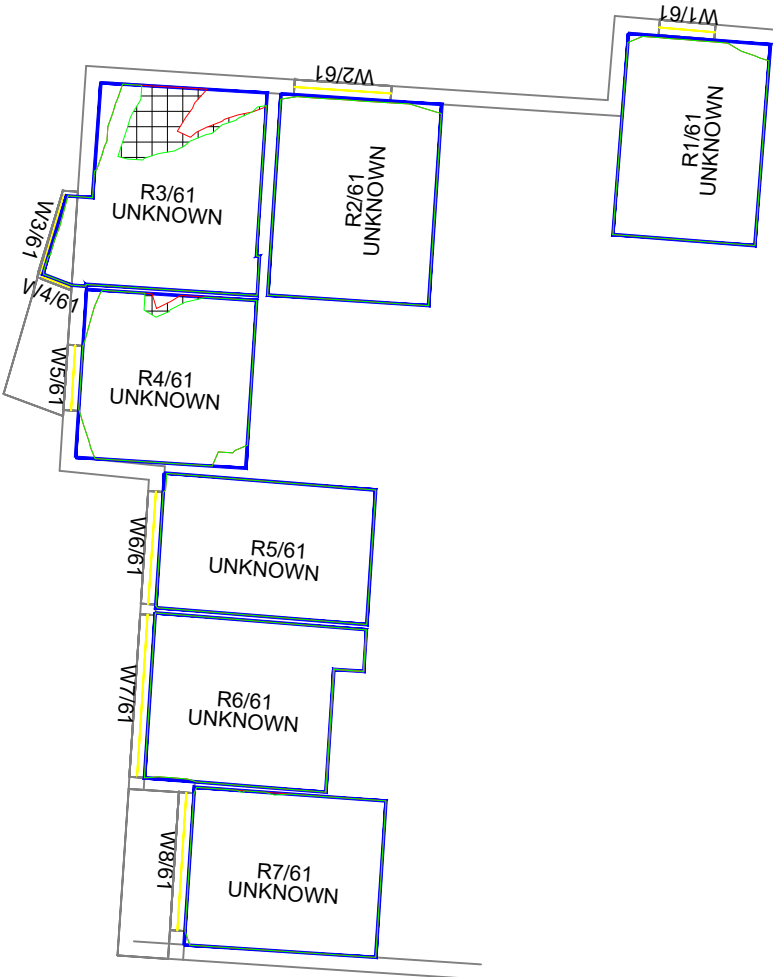
Revision
-

Daylight

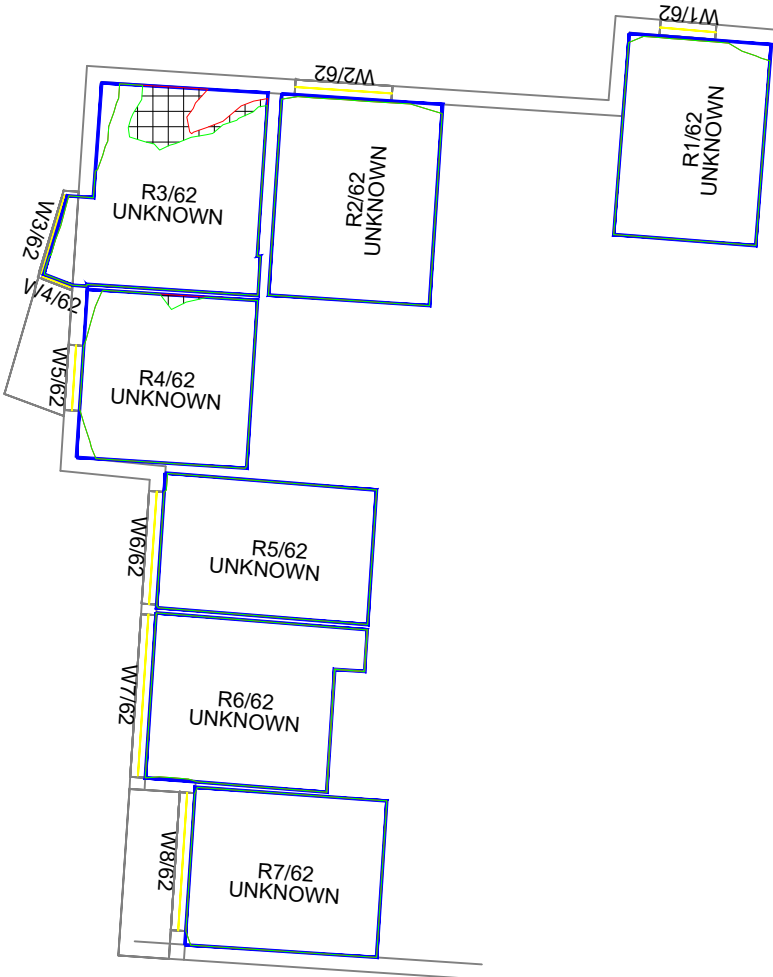
A3



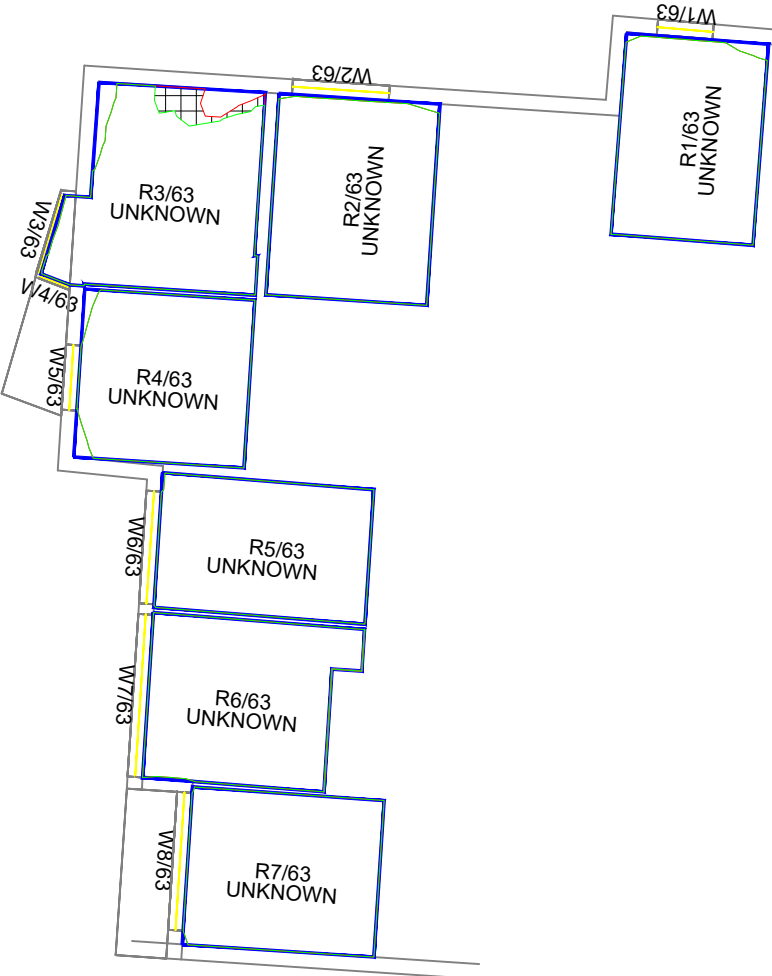
Ground Floor



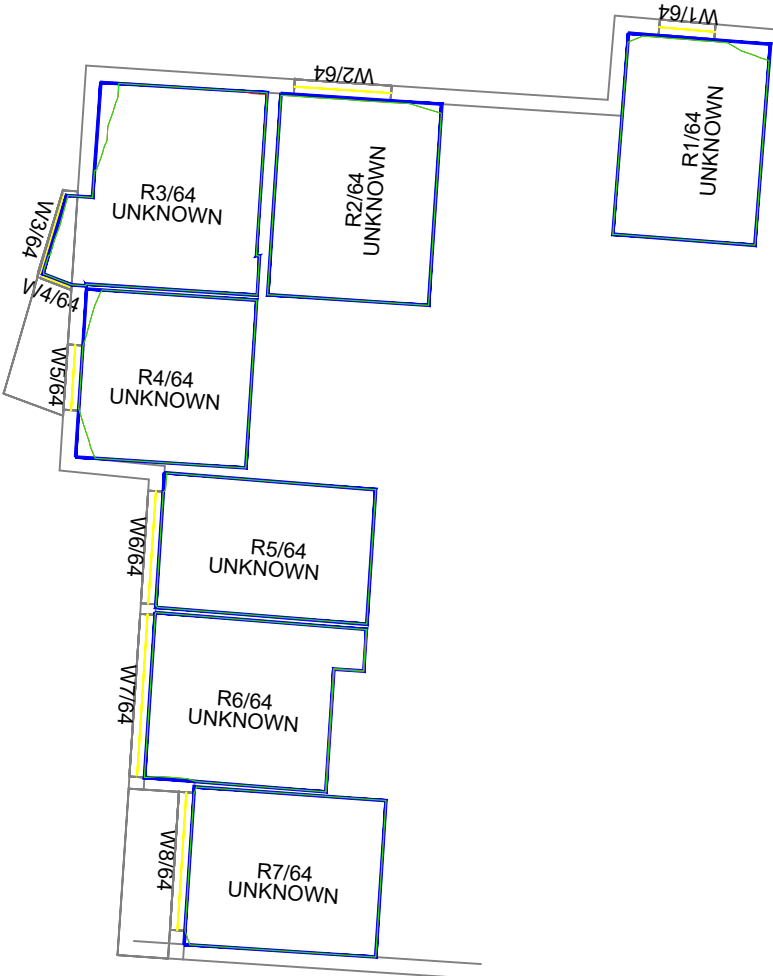
First Floor



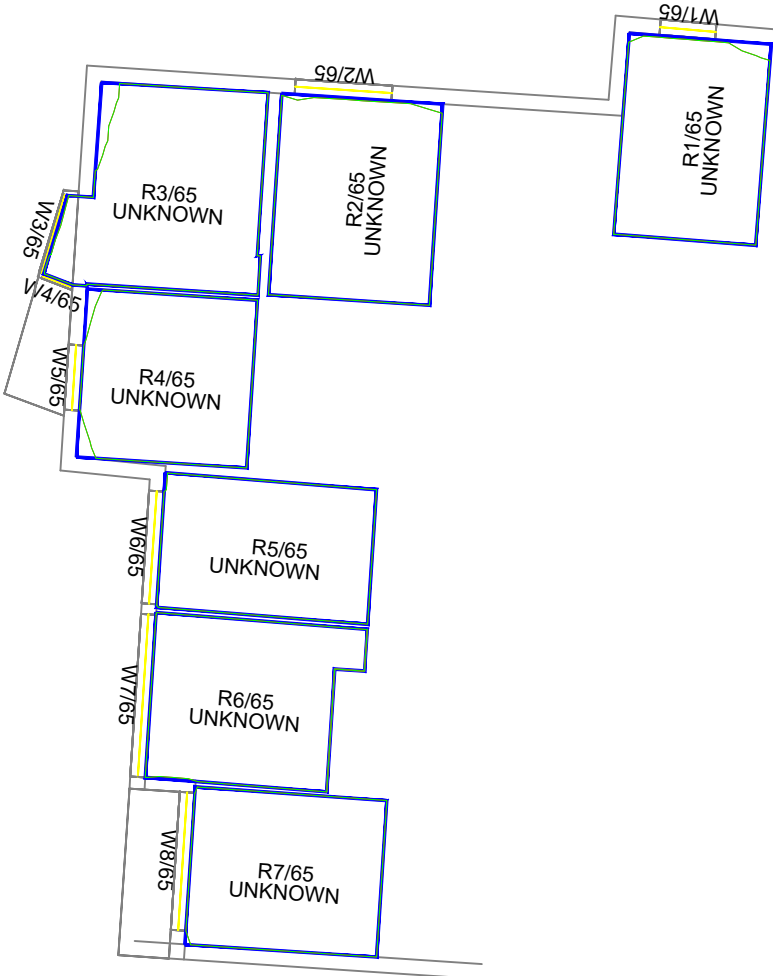
Second Floor



Third Floor



Fourth Floor



Fifth Floor

Legend

Daylight

Existing

Proposed

1ft Grid Loss Hatching

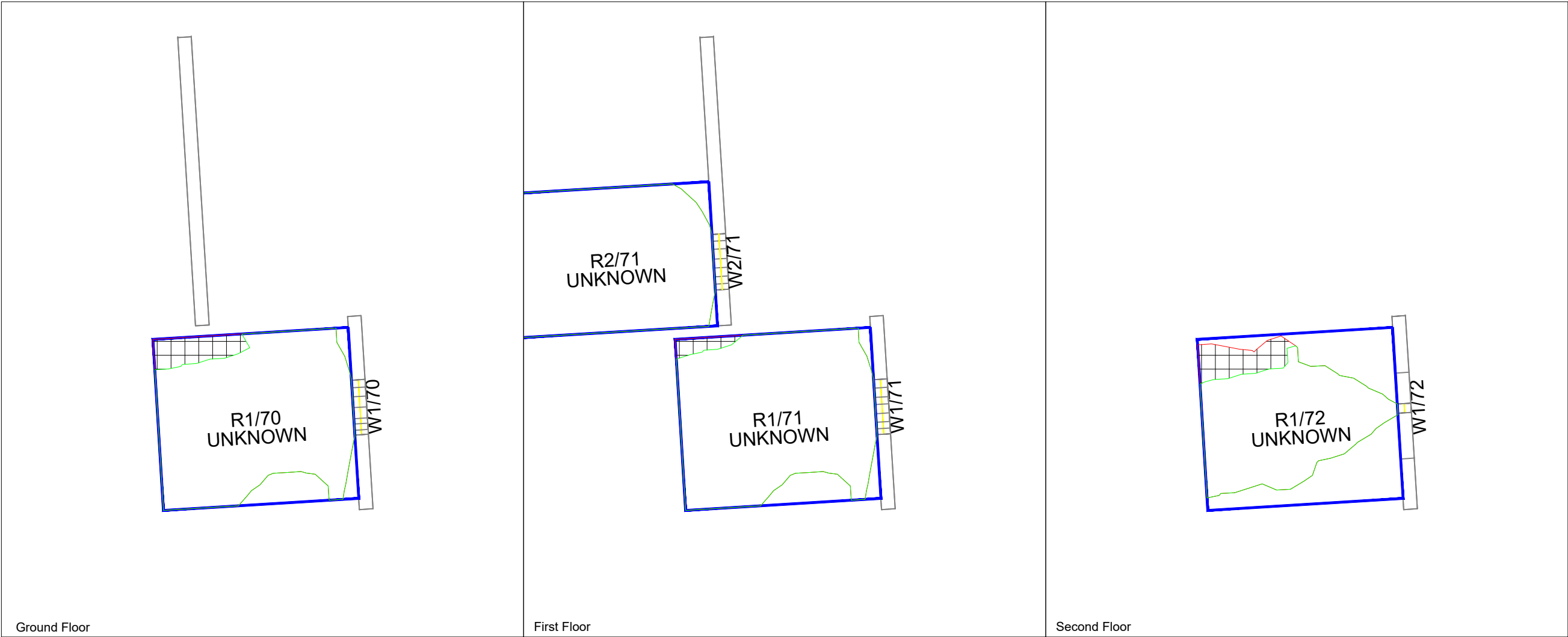
Room Layout

Existing No-Sky Line Contour

Proposed No-Sky Line Contour

Sources of Information
Survey from Format
13101 - 002 Rev A
13101 - 003 Rev A

INFO 20 SEPT 2019
MPI-AV-R-DR-A-2016-C.dwg
MPI-GT-R-DR-A-2025-C.dwg
MPI-GT-ZZ-DR-A-2621-B.dwg
MPI-AV-ZZ-DR-A-2612-A.dwg



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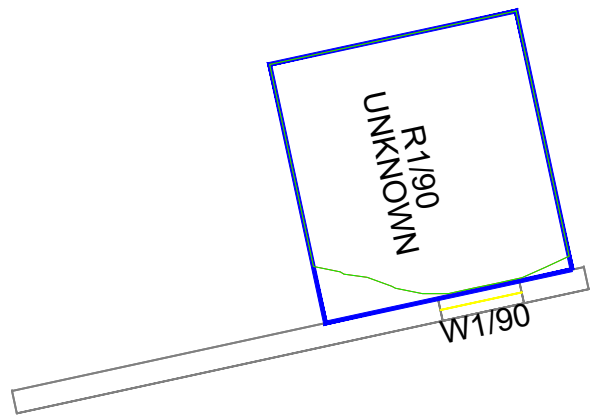
Project Name
Maitland Park
London

Client
London Borough of Camden

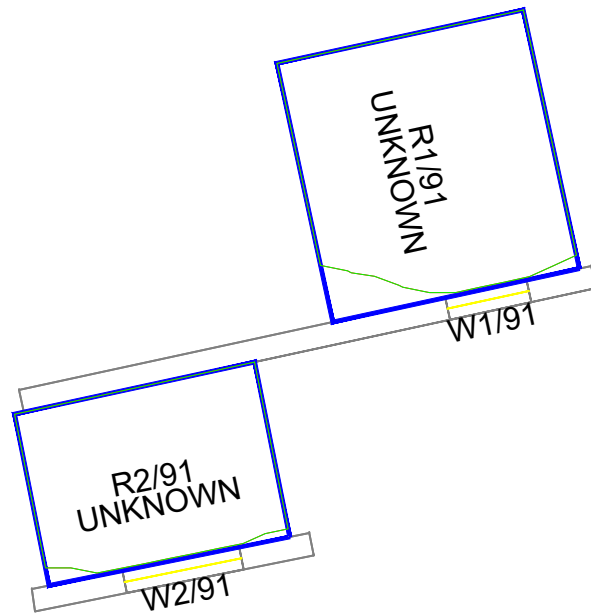
Drawing Title
NO SKYLINE CONTOURS
1 ST PANCRAS APARTMENTS

Drawn By RT	Chk'd By	Scale @ A3 1/100	Date 25 SEPT 2019
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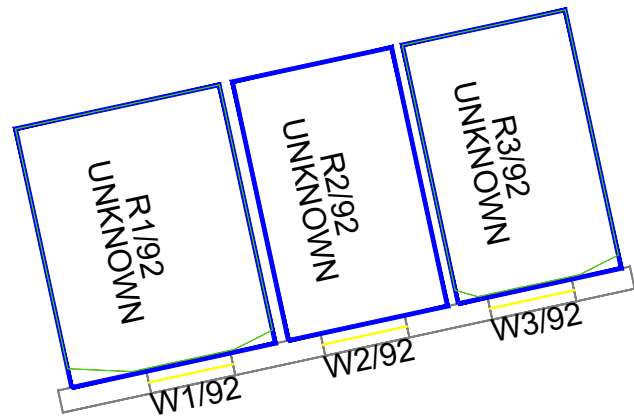
Project No. MA127_13	Drawing No. BRE_154	Revision -
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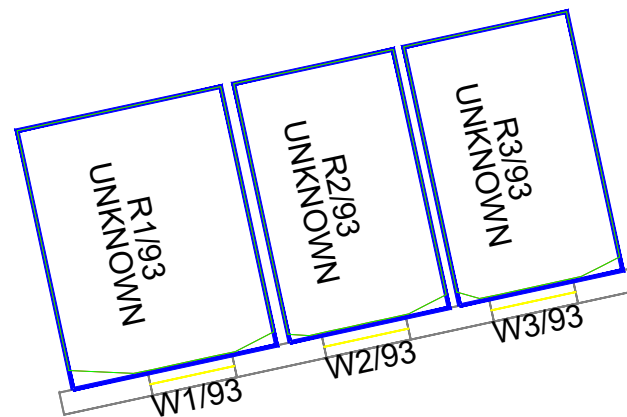
Ground Floor



First Floor



Second Floor



Third Floor

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Legend

Daylight

Existing
Proposed
1ft Grid Loss Hatching
Room Layout

Existing No-Sky Line Contour
Proposed No-Sky Line Contour

Sources of Information
Survey from Format
13101 - 002 Rev A
13101 - 003 Rev A

INFO 20 SEPT 2019
MPI-AV-R-DR-A-2016-C.dwg
MPI-GT-R-DR-A-2025-C.dwg
MPI-GT-ZZ-DR-A-2621-B.dwg
MPI-AV-ZZ-DR-A-2612-A.dwg



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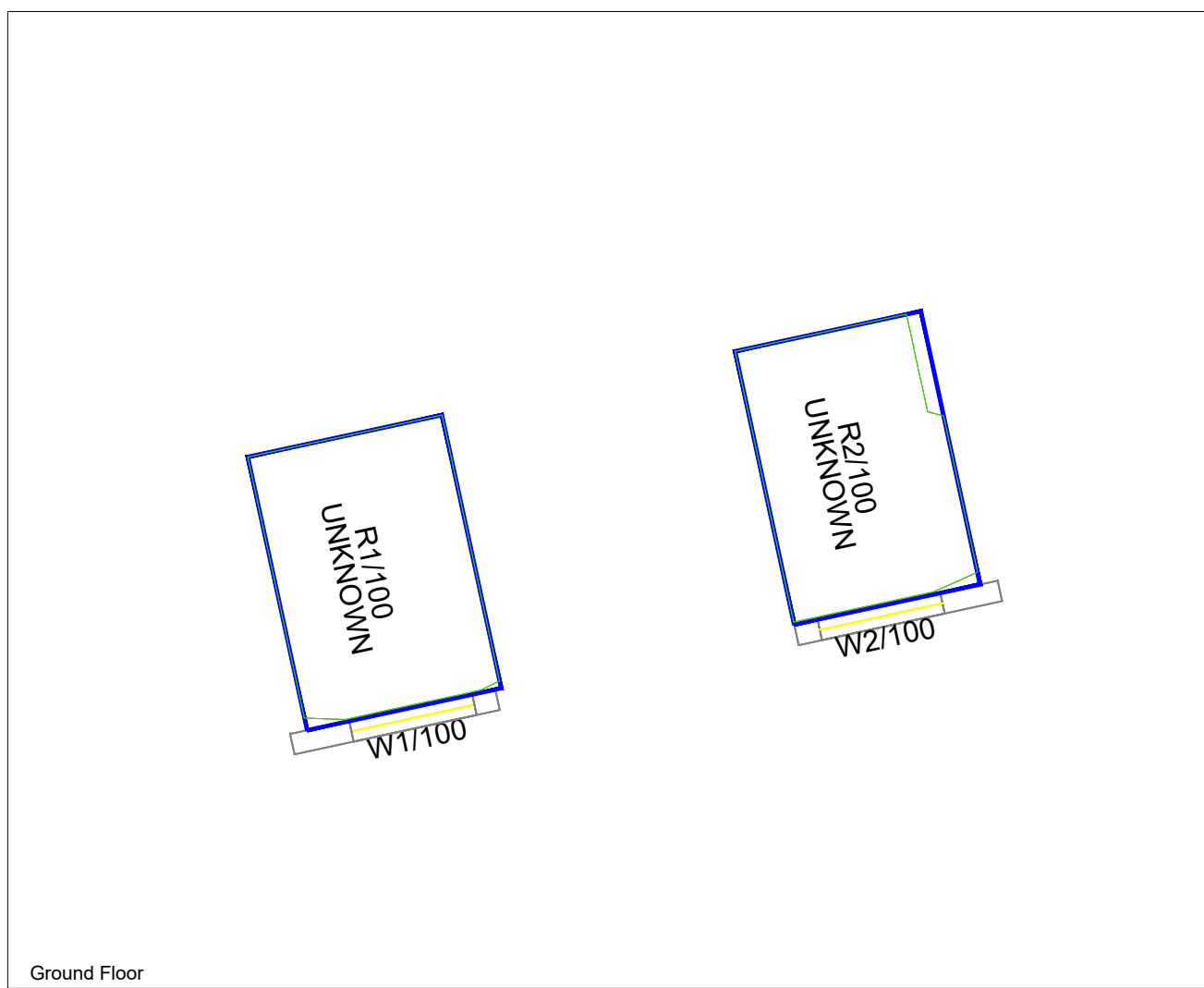
Project Name
Maitland Park
London

Client
London Borough of Camden

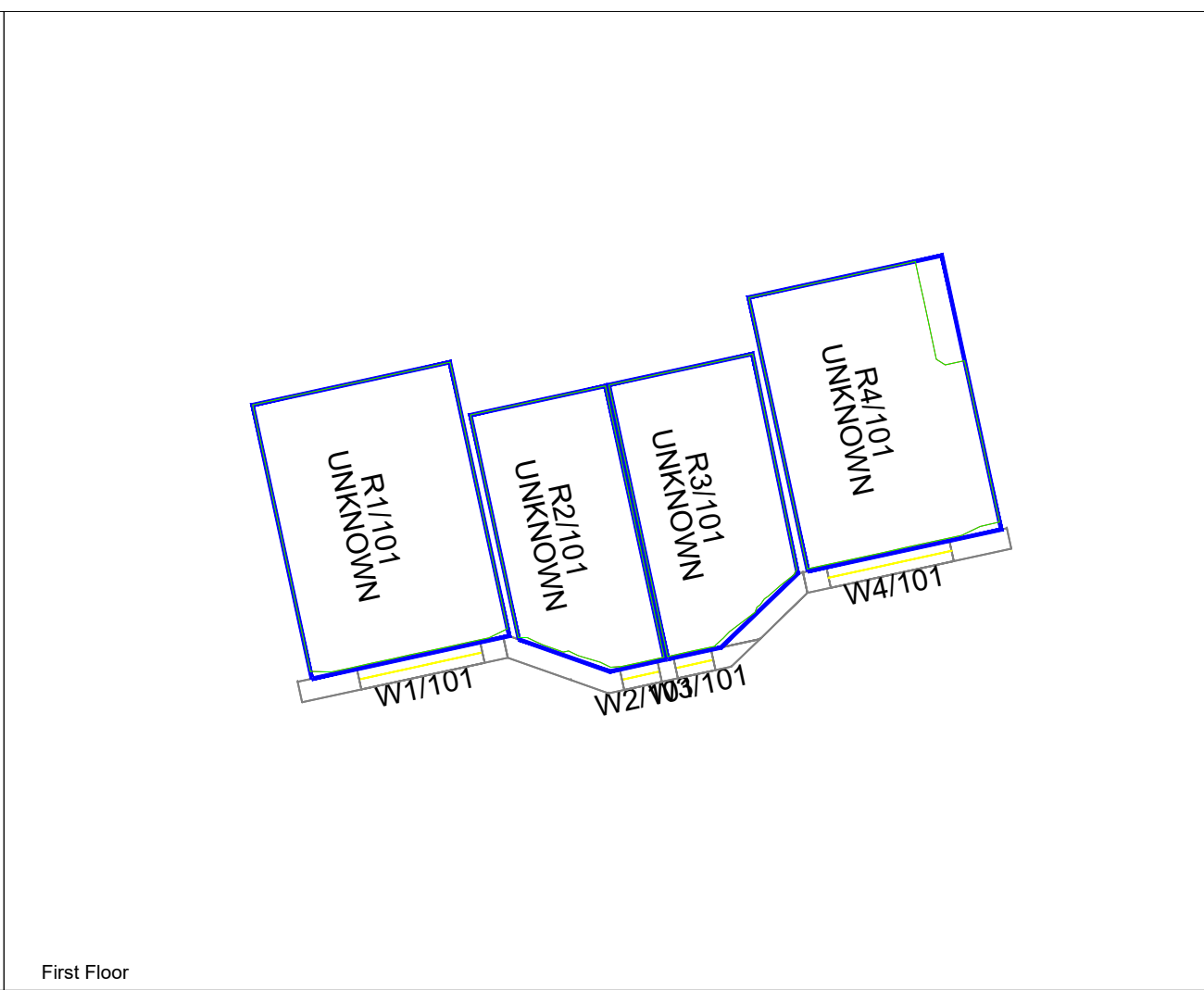
Drawing Title
NO SKYLINE CONTOURS
62 GRAFTON TERRACE

Drawn By RT	Chk'd By	Scale @ A3 1/100	Date 25 SEPT 2019
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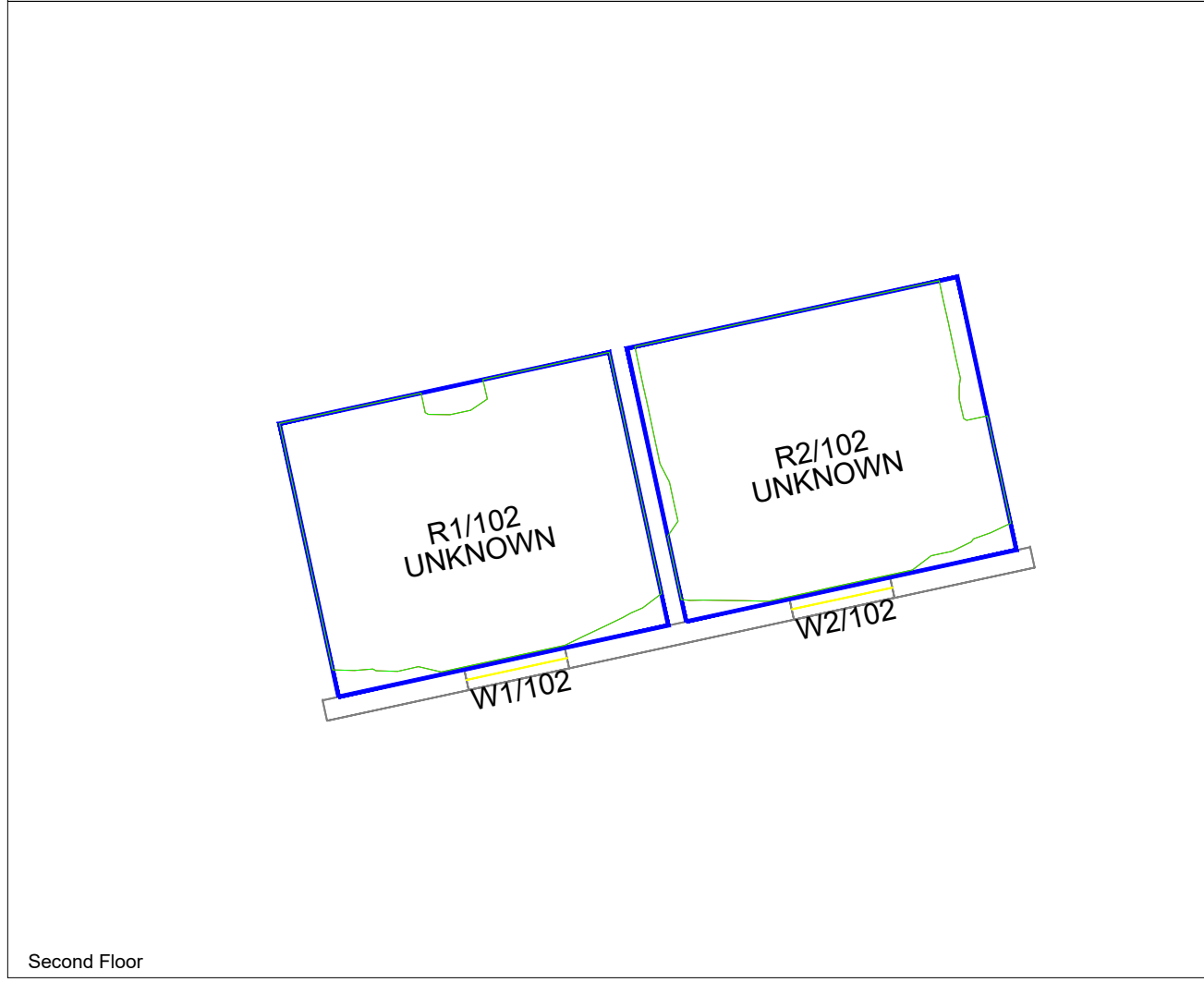
Project No. MA127_13	Drawing No. BRE_155	Revision -
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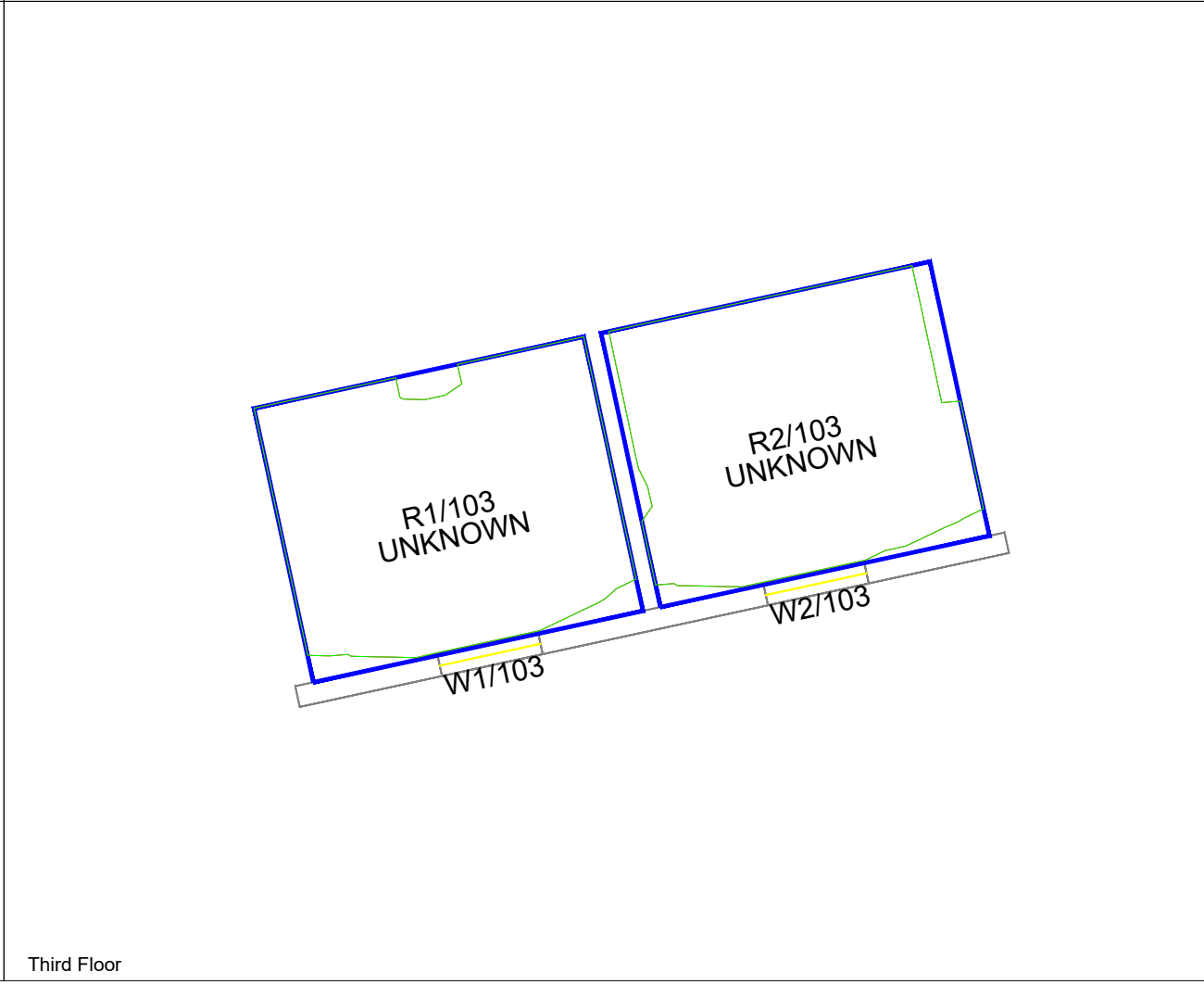
Ground Floor



First Floor



Second Floor



Third Floor

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Legend

Daylight

Existing

Proposed

1ft Grid Loss Hatching

Room Layout

Existing No-Sky Line Contour

Proposed No-Sky Line Contour

Sources of Information
Survey from Format
13101 - 002 Rev A
13101 - 003 Rev A

INFO 20 SEPT 2019
MPI-AV-R-DR-A-2016-C.dwg
MPI-GT-R-DR-A-2025-C.dwg
MPI-GT-ZZ-DR-A-2621-B.dwg
MPI-AV-ZZ-DR-A-2612-A.dwg

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YOUNG**

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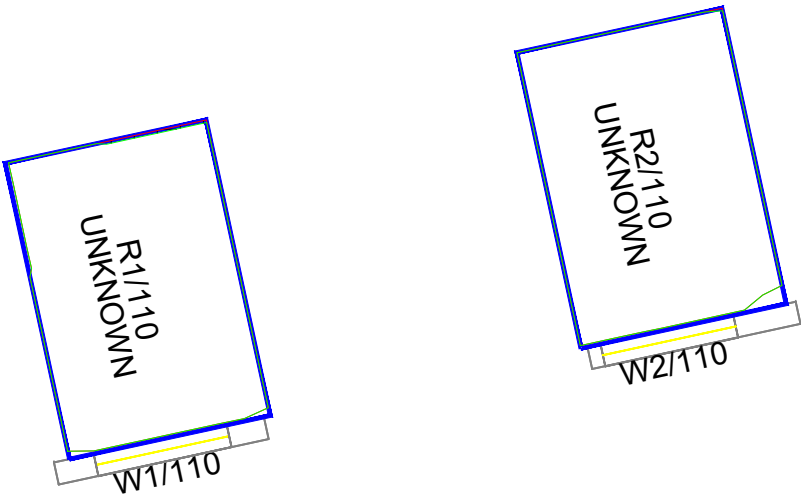
Project Name
Maitland Park
London

Client
London Borough of Camden

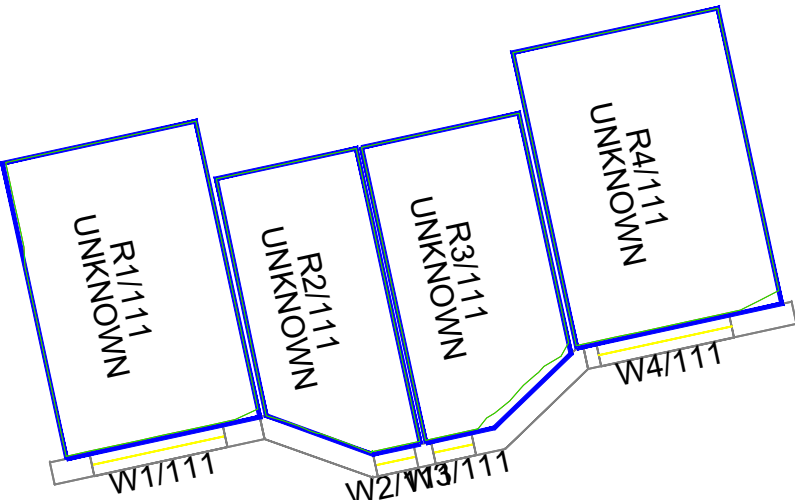
Drawing Title
NO SKYLINE CONTOURS
58-60 GRAFTON TERRACE

Drawn By RT	Chk'd By	Scale @ A3 1/100	Date 25 SEPT 2019
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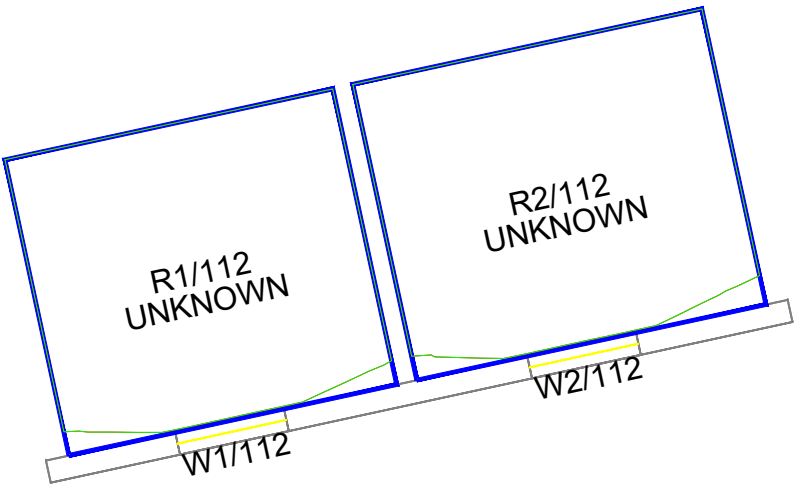
Project No. MA127_13	Drawing No. BRE_156	Revision -
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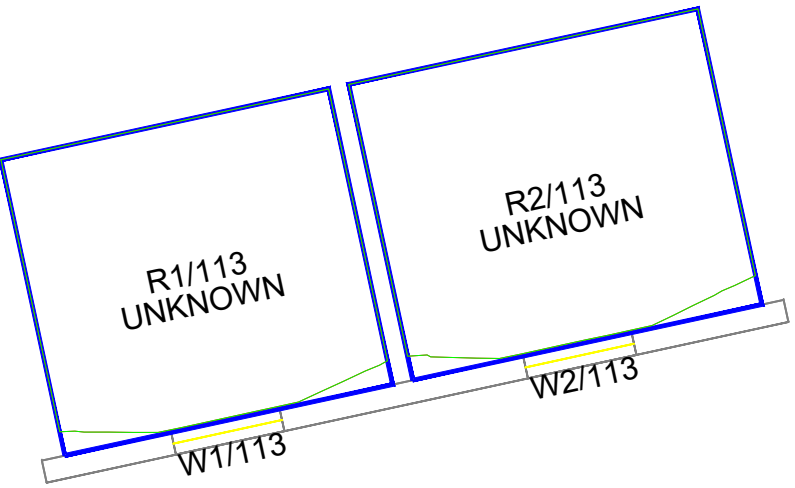
Ground Floor



First Floor



Second Floor



Third Floor

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Legend

Daylight

Sources of Information
Survey from Format
13101 - 002 Rev A
13101 - 003 Rev A

INFO 20 SEPT 2019
MPI-AV-R-DR-A-2016-C.dwg
MPI-GT-R-DR-A-2025-C.dwg
MPI-GT-ZZ-DR-A-2621-B.dwg
MPI-AV-ZZ-DR-A-2612-A.dwg

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Project Name
Maitland Park
London

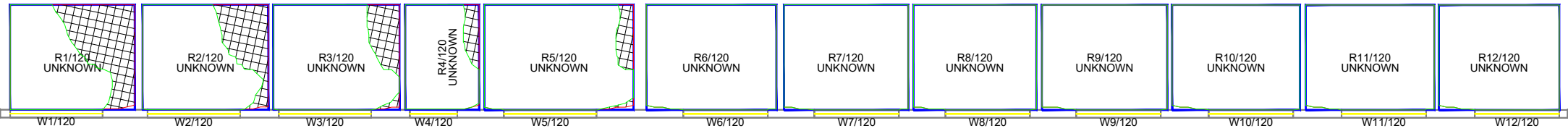
Client
London Borough of Camden

Drawing Title
NO SKYLINE CONTOURS
54-56 GRAFTON TERRACE

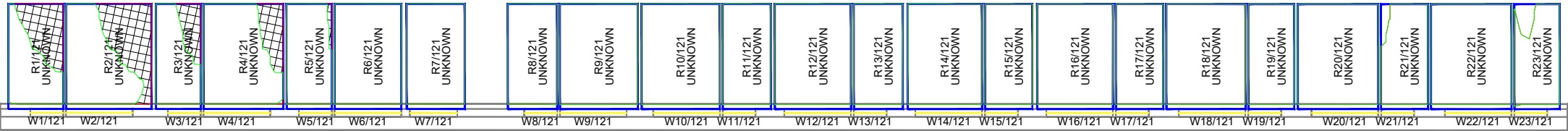
Drawn By RT	Chk'd By	Scale @ A3 1/100	Date 25 SEPT 2019
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Project No. MA127_13	Drawing No. BRE_157	Revision -
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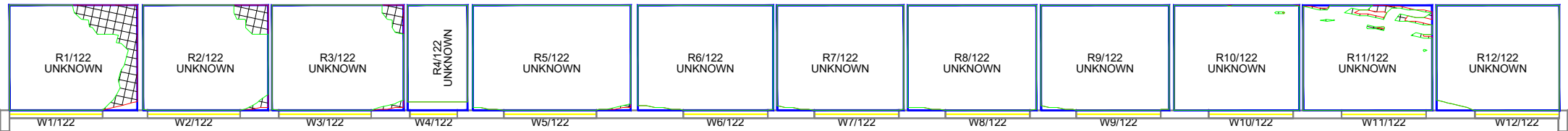
Ground Floor



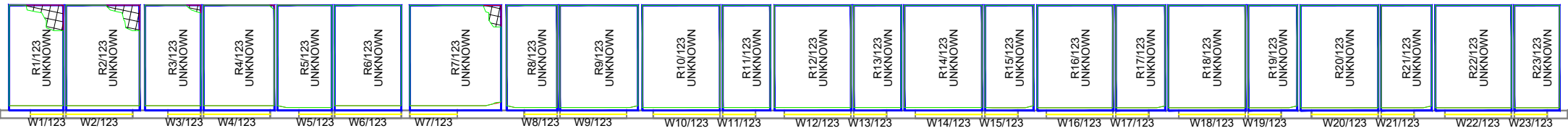
First Floor



Second Floor



Third Floor



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Legend

Daylight

Existing No-Sky Line Contour

Proposed No-Sky Line Contour

Sources of Information
Survey from Format
13101 - 002 Rev A
13101 - 003 Rev A

INFO 20 SEPT 2019
MPI-AV-R-DR-A-2016-C.dwg
MPI-GT-R-DR-A-2025-C.dwg
MPI-GT-ZZ-DR-A-2621-B.dwg
MPI-AV-ZZ-DR-A-2612-A.dwg



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Project Name
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London

Client
London Borough of Camden

Drawing Title
NO SKYLINE CONTOURS
GRAFTON MEWS

Drawn By RT	Chk'd By	Scale @ A3 1/150	Date 25 SEPT 2019
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Project No. MA127_13	Drawing No. BRE_158	Revision -
-------------------------	------------------------	---------------

MA127 - MAITLAND
26-Sep-19
JOB 13 - DAYLIGHT RESULTS

Room/Floor	Room Use	Window	%VSC			% Daylight Factor			Proposed No Sky	
			Exist	Prop	% Loss	Exist	Prop	% Loss	Room Area	% Loss of Existing
Beach House MA127/13/BRE/146										
Gnd Floor										
R2/10	KITCHEN	W1/10	29.34	22.62	22.90%	2.07	1.66	19.71%	84.87%	13.43%
R4/10	BEDROOM	W3/10	23.18	20.84	10.09%	1.73	1.62	5.86%	80.27%	0.00%
1st Floor										
R2/11	KITCHEN	W1/11	30.94	24.54	20.69%	2.16	1.78	17.81%	86.83%	11.81%
R4/11	BEDROOM	W3/11	25.92	24.20	6.64%	1.86	1.79	3.60%	91.53%	0.00%
2nd Floor										
R2/12	KITCHEN	W1/12	32.60	26.84	17.67%	2.26	1.91	15.32%	88.80%	9.82%
R4/12	BEDROOM	W3/12	29.10	27.84	>27	2.00	1.95	2.25%	94.43%	0.00%
3rd Floor										
R2/13	KITCHEN	W1/13	34.24	29.64	>27	2.35	2.08	11.77%	93.84%	4.69%
R4/13	BEDROOM	W3/13	32.83	32.08	>27	2.13	2.11	1.17%	94.43%	0.00%
Chestnut House MA127/13/BRE/147										
Gnd Floor										
R1/20	LIVINGROOM	W5/20	26.19	18.57	29.10%	2.82	2.24	20.60%	75.76%	13.98%
R2/20	BEDROOM	W3/20	25.76	21.48	16.61%	1.62	1.43	11.93%	69.79%	0.00%
R5/20	KITCHEN	W2/20	21.75	9.81	54.90%	1.60	0.93	41.92%	26.65%	38.21%
1st Floor										
R1/21	LIVINGROOM	W5/21	28.98	21.80	24.78%	2.97	2.43	17.99%	85.47%	8.55%
R2/21	BEDROOM	W3/21	28.26	25.16	10.97%	1.68	1.54	7.93%	81.16%	0.00%
R5/21	KITCHEN	W2/21	24.27	15.06	37.95%	1.71	1.26	26.74%	73.07%	-31.44%
2nd Floor										
R1/22	LIVINGROOM	W5/22	31.89	25.56	19.85%	3.20	2.72	14.97%	94.29%	2.43%
R2/22	BEDROOM	W3/22	31.32	28.88	>27	1.78	1.68	5.89%	82.67%	0.00%
R5/22	KITCHEN	W2/22	27.05	19.61	27.50%	1.88	1.54	18.22%	85.82%	-17.91%
3rd Floor										
R1/23	LIVINGROOM	W5/23	34.61	29.77	>27	3.42	3.04	11.08%	95.75%	0.92%
R2/23	BEDROOM	W3/23	35.38	33.54	>27	1.90	1.82	4.22%	89.11%	0.00%
R5/23	KITCHEN	W2/23	29.95	25.63	14.42%	2.05	1.87	8.54%	95.27%	-1.06%

Room/Floor	Room Use	Window	%VSC			% Daylight Factor			Proposed No Sky	
			Exist	Prop	% Loss	Exist	Prop	% Loss	% of Room Area	% Loss of Existing
Oak House MA127/13/BRE/148										
Gnd Floor										
R1/30	LIVINGROOM	W3/30	26.38	22.26	15.62%	2.86	2.55	10.85%	89.37%	4.24%
R2/30	KITCHEN	W1/30	28.42	8.16	71.29%	2.05	0.64	68.73%	15.83%	83.23%
1st Floor										
R1/31	LIVINGROOM	W3/31	29.40	25.93	11.80%	3.10	2.84	8.51%	96.44%	1.46%
R2/31	KITCHEN	W1/31	30.92	11.36	63.26%	2.19	0.95	56.78%	23.39%	75.80%
2nd Floor										
R1/32	LIVINGROOM	W3/32	32.52	29.99	>27	3.36	3.16	5.81%	97.54%	0.33%
R2/32	KITCHEN	W1/32	33.40	16.34	51.08%	2.33	1.32	43.51%	36.83%	62.48%
3rd Floor										
R1/33	LIVINGROOM	W3/33	35.51	34.11	>27	3.62	3.50	3.10%	97.86%	0.00%
R2/33	KITCHEN	W1/33	35.56	23.81	33.04%	2.46	1.79	27.40%	68.07%	30.67%
Alder House MA127/13/BRE/149-150										
Gnd Floor										
R1/40	UNKNOWN	W28/40	19.76	18.98	3.95%	3.36	3.27	2.83%	99.08%	0.00%
		W29/40	23.09	22.25	3.64%					
R2/40	UNKNOWN	W27/40	26.28	25.46	3.12%	2.46	2.40	2.40%	96.69%	0.00%
R3/40	UNKNOWN	W26/40	27.23	26.50	2.68%	2.33	2.28	2.14%	96.77%	0.00%
R4/40	UNKNOWN	W25/40	26.10	25.35	2.87%	2.69	2.63	2.16%	96.73%	0.00%
R5/40	UNKNOWN	W23/40	25.43	24.60	3.26%	3.56	3.47	2.50%	98.88%	0.00%
		W24/40	21.27	20.45	3.86%					
R6/40	UNKNOWN	W21/40	20.66	19.72	4.55%	3.50	3.40	2.88%	98.22%	0.00%
		W22/40	25.49	24.59	3.53%					
R7/40	UNKNOWN	W20/40	25.11	24.25	3.42%	2.61	2.54	2.64%	96.84%	0.00%
R8/40	UNKNOWN	W19/40	24.98	24.07	3.64%	2.46	2.39	2.72%	95.34%	0.00%
R9/40	UNKNOWN	W18/40	22.99	22.21	3.39%	2.01	1.96	2.53%	89.91%	0.00%
R10/40	UNKNOWN	W16/40	16.15	15.54	3.78%	2.89	2.81	2.87%	98.80%	0.00%
		W17/40	15.91	15.16	4.71%					
R11/40	UNKNOWN	W15/40	19.37	19.23	0.72%	1.27	1.26	0.24%	79.69%	0.17%
R12/40	UNKNOWN	W13/40	15.17	15.13	0.26%	2.81	2.81	-0.04%	97.49%	0.00%
		W14/40	15.45	15.45	0.00%					
R13/40	UNKNOWN	W12/40	22.45	22.37	0.36%	2.42	2.42	0.00%	96.84%	0.00%
R14/40	UNKNOWN	W11/40	24.25	24.12	0.54%	2.11	2.10	0.24%	96.43%	0.00%
R15/40	UNKNOWN	W10/40	23.85	23.66	0.80%	2.52	2.51	0.40%	96.72%	0.00%
R16/40	UNKNOWN	W8/40	25.52	25.02	1.96%	3.46	3.42	1.13%	98.38%	0.00%
		W9/40	20.25	19.82	2.12%					
R17/40	UNKNOWN	W6/40	21.91	21.05	3.93%	3.58	3.52	1.84%	98.72%	0.00%
		W7/40	25.17	24.63	2.15%					
R18/40	UNKNOWN	W5/40	27.83	26.84	3.56%	2.28	2.23	2.07%	96.69%	0.00%
R19/40	UNKNOWN	W4/40	28.61	27.51	>27	2.86	2.79	2.45%	96.84%	0.00%
R20/40	UNKNOWN	W3/40	27.22	26.27	3.49%	2.48	2.43	2.14%	96.40%	0.00%
R21/40	UNKNOWN	W1/40	27.18	24.74	8.98%	3.69	3.50	5.18%	99.00%	0.00%
		W2/40	22.95	20.89	8.98%					

Room/Floor	Room Use	Window	%VSC			% Daylight Factor			Proposed No Sky	
			Exist	Prop	% Loss	Exist	Prop	% Loss	% of Room Area	% Loss of Existing
1st Floor										
R1/41	UNKNOWN	W28/41	22.73	22.10	2.77%	3.70	3.63	1.97%	99.24%	0.00%
		W29/41	25.66	24.99	2.61%					
R2/41	UNKNOWN	W27/41	28.18	27.56	>27	2.61	2.56	1.69%	96.69%	0.00%
R3/41	UNKNOWN	W26/41	29.32	28.80	>27	2.48	2.45	1.45%	96.77%	0.00%
R4/41	UNKNOWN	W25/41	28.06	27.54	>27	2.85	2.81	1.44%	98.52%	0.00%
R5/41	UNKNOWN	W23/41	27.31	26.70	2.23%	3.87	3.80	1.60%	98.94%	0.00%
		W24/41	24.02	23.43	2.46%					
R6/41	UNKNOWN	W21/41	23.39	22.67	3.08%	3.81	3.73	1.97%	98.55%	0.00%
		W22/41	27.29	26.61	2.49%					
R7/41	UNKNOWN	W20/41	27.09	26.43	2.44%	2.79	2.74	1.90%	98.73%	0.00%
R8/41	UNKNOWN	W19/41	27.26	26.57	2.53%	2.64	2.59	1.93%	96.12%	0.00%
R9/41	UNKNOWN	W18/41	25.06	24.47	2.35%	2.15	2.12	1.81%	93.61%	0.00%
R10/41	UNKNOWN	W16/41	17.75	17.31	2.48%	3.13	3.07	1.82%	98.97%	0.00%
		W17/41	18.05	17.49	3.10%					
R11/41	UNKNOWN	W15/41	20.52	20.37	0.73%	1.31	1.30	0.38%	80.16%	0.50%
R12/41	UNKNOWN	W13/41	17.48	17.48	0.00%	3.07	3.07	-0.10%	98.05%	0.00%
		W14/41	17.33	17.34	-0.06%					
R13/41	UNKNOWN	W12/41	24.73	24.70	0.12%	2.61	2.61	-0.04%	98.73%	0.00%
R14/41	UNKNOWN	W11/41	26.66	26.57	0.34%	2.27	2.27	0.09%	97.00%	0.00%
R15/41	UNKNOWN	W10/41	26.21	26.03	0.69%	2.72	2.71	0.29%	97.25%	0.00%
R16/41	UNKNOWN	W8/41	27.23	26.84	1.43%	3.77	3.75	0.72%	98.61%	0.00%
		W9/41	23.05	22.73	1.39%					
R17/41	UNKNOWN	W6/41	24.55	23.90	2.65%	3.89	3.84	1.18%	98.88%	0.06%
		W7/41	27.35	26.86	1.79%					
R18/41	UNKNOWN	W5/41	29.50	28.75	>27	2.40	2.36	1.46%	97.08%	0.00%
R19/41	UNKNOWN	W4/41	30.48	29.66	>27	3.03	2.97	1.82%	97.89%	0.00%
R20/41	UNKNOWN	W3/41	29.11	28.20	>27	2.62	2.57	2.02%	96.40%	0.19%
R21/41	UNKNOWN	W1/41	29.01	27.00	6.93%	3.97	3.82	3.68%	99.05%	0.00%
		W2/41	25.43	23.78	6.49%					
2nd Floor										
R1/42	UNKNOWN	W28/42	24.77	24.34	1.74%	3.50	3.45	1.32%	99.46%	0.00%
		W29/42	28.23	27.72	>27					
R2/42	UNKNOWN	W27/42	30.27	29.89	>27	2.81	2.78	1.03%	98.25%	0.00%
R3/42	UNKNOWN	W26/42	31.47	31.16	>27	2.68	2.66	0.86%	98.18%	0.00%
R4/42	UNKNOWN	W25/42	30.15	29.82	>27	3.08	3.05	0.84%	98.73%	0.00%
R5/42	UNKNOWN	W23/42	29.38	28.97	>27	3.61	3.57	0.97%	99.22%	0.00%
		W24/42	25.77	25.39	1.47%					
R6/42	UNKNOWN	W21/42	25.18	24.68	1.99%	3.56	3.52	1.29%	99.00%	0.00%
		W22/42	29.27	28.79	>27					
R7/42	UNKNOWN	W20/42	29.37	28.90	>27	3.03	2.99	1.29%	98.84%	0.00%
R8/42	UNKNOWN	W19/42	29.59	29.10	>27	2.87	2.83	1.32%	98.25%	0.00%
R9/42	UNKNOWN	W18/42	27.35	26.93	1.54%	2.34	2.32	1.15%	95.98%	0.00%

Room/Floor	Room Use	Window	%VSC			% Daylight Factor			Proposed No Sky	
			Exist	Prop	% Loss	Exist	Prop	% Loss	% of Room Area	% Loss of Existing
R10/42	UNKNOWN	W16/42	19.89	19.59	1.51%	2.95	2.92	1.15%	99.24%	0.00%
		W17/42	19.74	19.37	1.87%					
R11/42	UNKNOWN	W15/42	21.94	21.87	0.32%	1.28	1.28	0.16%	81.51%	0.00%
R12/42	UNKNOWN	W13/42	19.28	19.30	-0.10%	2.92	2.92	-0.14%	98.61%	0.00%
		W14/42	19.61	19.64	-0.15%					
R13/42	UNKNOWN	W12/42	27.32	27.32	>27	2.86	2.86	-0.07%	98.84%	0.00%
R14/42	UNKNOWN	W11/42	29.12	29.08	>27	2.48	2.48	0.00%	98.14%	0.00%
R15/42	UNKNOWN	W10/42	28.60	28.49	>27	2.96	2.96	0.17%	98.84%	0.00%
R16/42	UNKNOWN	W8/42	29.20	28.92	>27	3.54	3.53	0.42%	99.00%	0.00%
		W9/42	24.93	24.72	0.84%					
R17/42	UNKNOWN	W6/42	26.17	25.75	1.60%	3.62	3.60	0.72%	99.16%	0.00%
		W7/42	29.40	29.05	>27					
R18/42	UNKNOWN	W5/42	31.32	30.82	>27	2.57	2.55	0.89%	98.11%	0.00%
R19/42	UNKNOWN	W4/42	32.38	31.81	>27	3.24	3.21	1.17%	98.84%	0.00%
R20/42	UNKNOWN	W3/42	31.01	30.28	>27	2.82	2.77	1.56%	97.84%	0.64%
R21/42	UNKNOWN	W1/42	30.89	29.38	>27	3.67	3.59	2.37%	99.16%	0.00%
		W2/42	26.87	25.67	4.47%					
3rd Floor										
R1/43	UNKNOWN	W28/43	27.38	27.17	>27	3.66	3.64	0.63%	99.46%	0.00%
		W29/43	30.94	30.65	>27					
R2/43	UNKNOWN	W27/43	32.38	32.21	>27	2.95	2.93	0.44%	98.62%	0.00%
R3/43	UNKNOWN	W26/43	33.64	33.52	>27	2.80	2.79	0.36%	98.51%	0.00%
R4/43	UNKNOWN	W25/43	32.36	32.19	>27	3.22	3.21	0.43%	98.73%	0.00%
R5/43	UNKNOWN	W23/43	31.56	31.31	>27	3.73	3.71	0.51%	99.22%	0.00%
		W24/43	28.10	27.89	>27					
R6/43	UNKNOWN	W21/43	27.58	27.29	>27	3.69	3.67	0.73%	99.27%	0.00%
		W22/43	31.46	31.17	>27					
R7/43	UNKNOWN	W20/43	31.67	31.37	>27	3.18	3.15	0.79%	99.58%	0.00%
R8/43	UNKNOWN	W19/43	32.08	31.77	>27	3.02	2.99	0.83%	99.03%	0.00%
R9/43	UNKNOWN	W18/43	29.59	29.33	>27	2.45	2.44	0.69%	96.45%	0.00%
R10/43	UNKNOWN	W16/43	23.40	23.24	0.68%	3.18	3.16	0.57%	99.24%	0.00%
		W17/43	23.07	22.86	0.91%					
R11/43	UNKNOWN	W15/43	24.39	24.39	0.00%	1.32	1.32	-0.08%	83.52%	0.00%
R12/43	UNKNOWN	W13/43	22.73	22.76	-0.13%	3.15	3.15	-0.10%	99.11%	0.00%
		W14/43	23.14	23.19	-0.22%					
R13/43	UNKNOWN	W12/43	29.72	29.73	>27	3.01	3.01	-0.10%	99.26%	0.00%
R14/43	UNKNOWN	W11/43	31.78	31.77	>27	2.62	2.62	-0.08%	98.46%	0.00%
R15/43	UNKNOWN	W10/43	31.15	31.11	>27	3.13	3.13	0.03%	98.84%	0.00%
R16/43	UNKNOWN	W8/43	31.36	31.21	>27	3.69	3.68	0.16%	99.22%	0.00%
		W9/43	27.44	27.34	>27					
R17/43	UNKNOWN	W6/43	26.96	26.75	0.78%	3.53	3.52	0.34%	99.16%	0.00%
		W7/43	30.74	30.56	>27					
R18/43	UNKNOWN	W5/43	33.08	32.81	>27	2.67	2.65	0.45%	98.42%	0.00%
R19/43	UNKNOWN	W4/43	34.30	33.97	>27	3.36	3.34	0.60%	98.84%	0.00%
R20/43	UNKNOWN	W3/43	32.98	32.48	>27	2.93	2.90	0.85%	98.47%	0.00%
R21/43	UNKNOWN	W1/43	32.73	31.79	>27	3.77	3.73	1.27%	99.33%	0.00%
		W2/43	28.85	28.12	>27					

Room/Floor	Room Use	Window	%VSC			% Daylight Factor			Proposed No Sky	
			Exist	Prop	% Loss	Exist	Prop	% Loss	Room Area	% Loss of Existing
Hornbeam House MA127/13/BRE/151-152										
Gnd Floor										
R1/50	UNKNOWN	W1/50	36.36	31.81	>27	2.43	2.16	11.03%	91.14%	0.22%
R2/50	UNKNOWN	W2/50	34.75	30.34	>27	3.30	2.94	10.94%	95.68%	1.20%
R3/50	UNKNOWN	W3/50	30.46	26.01	14.61%	4.36	3.91	10.31%	98.94%	0.00%
		W4/50	33.68	29.64	>27					
R4/50	UNKNOWN	W5/50	33.52	29.71	>27	4.33	3.94	8.97%	98.94%	0.00%
		W6/50	30.23	26.54	12.21%					
R5/50	UNKNOWN	W7/50	34.97	31.78	>27	2.69	2.48	7.84%	96.69%	0.00%
R6/50	UNKNOWN	W8/50	35.74	32.90	>27	2.73	2.54	6.97%	96.14%	0.00%
R7/50	UNKNOWN	W9/50	35.47	32.95	>27	4.06	3.80	6.29%	95.11%	0.00%
R8/50	UNKNOWN	W10/50	33.87	31.62	>27	3.22	3.04	5.68%	96.84%	0.00%
R9/50	UNKNOWN	W11/50	29.08	26.96	7.29%	4.19	3.98	4.92%	99.00%	0.00%
		W12/50	32.12	30.29	>27					
R10/50	UNKNOWN	W13/50	31.77	30.04	>27	4.12	3.95	4.03%	98.83%	0.00%
		W14/50	28.33	26.52	6.39%					
R11/50	UNKNOWN	W15/50	32.47	30.85	>27	3.13	3.02	3.52%	96.84%	0.00%
R12/50	UNKNOWN	W16/50	33.54	31.94	>27	3.90	3.78	3.05%	95.67%	0.00%
R13/50	UNKNOWN	W17/50	25.30	21.56	14.78%	2.09	1.86	10.88%	83.20%	-5.50%
R14/50	UNKNOWN	W18/50	23.04	19.66	14.67%	2.29	2.06	9.76%	63.58%	8.89%
R15/50	UNKNOWN	W19/50	17.53	14.52	17.17%	2.92	2.59	11.27%	98.16%	-17.32%
		W20/50	20.97	18.46	11.97%					
R16/50	UNKNOWN	W21/50	20.39	18.44	9.56%	2.81	2.58	8.23%	95.98%	-23.28%
		W22/50	16.34	14.41	11.81%					
R17/50	UNKNOWN	W23/50	21.48	19.57	8.89%	2.16	2.01	6.67%	93.90%	-71.89%
R18/50	UNKNOWN	W24/50	22.64	20.01	11.62%	1.83	1.67	8.67%	85.12%	-46.55%
1st Floor										
R1/51	UNKNOWN	W1/51	37.40	33.73	>27	2.51	2.29	8.89%	92.53%	0.00%
R2/51	UNKNOWN	W2/51	35.88	32.32	>27	3.42	3.12	8.71%	98.73%	0.00%
R3/51	UNKNOWN	W3/51	31.76	28.16	>27	4.49	4.13	8.03%	98.94%	0.00%
		W4/51	34.82	31.55	>27					
R4/51	UNKNOWN	W5/51	34.73	31.64	>27	4.47	4.15	7.05%	99.00%	0.00%
		W6/51	31.53	28.54	>27					
R5/51	UNKNOWN	W7/51	36.05	33.47	>27	2.79	2.62	6.30%	98.11%	0.00%
R6/51	UNKNOWN	W8/51	36.80	34.50	>27	2.83	2.67	5.66%	97.40%	0.00%
R7/51	UNKNOWN	W9/51	36.55	34.50	>27	4.21	3.99	5.11%	97.07%	0.00%
R8/51	UNKNOWN	W10/51	35.09	33.23	>27	3.36	3.20	4.59%	98.73%	0.00%
R9/51	UNKNOWN	W11/51	30.55	28.80	>27	4.35	4.18	3.93%	99.00%	0.00%
		W12/51	33.48	31.94	>27					
R10/51	UNKNOWN	W13/51	33.25	31.79	>27	4.30	4.16	3.21%	98.88%	0.00%
		W14/51	29.91	28.42	>27					
R11/51	UNKNOWN	W15/51	33.86	32.50	>27	3.24	3.15	2.84%	98.84%	0.00%
R12/51	UNKNOWN	W16/51	34.94	33.60	>27	4.04	3.94	2.48%	97.91%	0.00%
R13/51	UNKNOWN	W17/51	27.25	24.14	11.41%	2.22	2.04	8.37%	87.30%	-3.75%
R14/51	UNKNOWN	W18/51	25.15	22.27	11.45%	2.46	2.26	8.17%	69.00%	7.64%

Room/Floor	Room Use	Window	%VSC			% Daylight Factor			Proposed No Sky	
			Exist	Prop	% Loss	Exist	Prop	% Loss	% of Room Area	% Loss of Existing
R15/51	UNKNOWN	W19/51	20.14	17.78	11.72%	3.26	3.02	7.16%	98.22%	-15.47%
		W20/51	23.15	21.28	8.08%					
R16/51	UNKNOWN	W21/51	22.73	21.25	6.51%	3.17	3.01	5.02%	96.60%	-22.14%
		W22/51	19.10	17.77	6.96%					
R17/51	UNKNOWN	W23/51	23.73	22.51	5.14%	2.35	2.26	3.79%	96.56%	-53.52%
R18/51	UNKNOWN	W24/51	24.91	23.03	7.55%	1.99	1.88	5.53%	92.52%	-40.97%
2nd Floor										
R1/52	UNKNOWN	W1/52	38.38	35.58	>27	2.63	2.45	6.82%	92.53%	0.00%
R2/52	UNKNOWN	W2/52	36.85	34.14	>27	3.58	3.35	6.61%	98.84%	0.00%
R3/52	UNKNOWN	W3/52	32.42	29.66	>27	4.16	3.91	6.03%	99.22%	0.00%
		W4/52	35.85	33.35	>27					
R4/52	UNKNOWN	W5/52	35.79	33.44	>27	4.14	3.93	5.24%	99.27%	0.00%
		W6/52	32.23	29.96	>27					
R5/52	UNKNOWN	W7/52	37.01	35.04	>27	2.93	2.79	4.81%	98.11%	0.00%
R6/52	UNKNOWN	W8/52	37.84	36.06	>27	2.97	2.84	4.35%	97.40%	0.00%
R7/52	UNKNOWN	W9/52	37.63	36.04	>27	4.42	4.25	3.96%	97.07%	0.00%
R8/52	UNKNOWN	W10/52	36.21	34.76	>27	3.53	3.41	3.51%	98.84%	0.00%
R9/52	UNKNOWN	W11/52	31.44	30.07	>27	4.06	3.94	2.91%	99.27%	0.00%
		W12/52	34.76	33.53	>27					
R10/52	UNKNOWN	W13/52	34.60	33.42	>27	4.02	3.92	2.44%	99.27%	0.00%
		W14/52	30.93	29.76	>27					
R11/52	UNKNOWN	W15/52	35.21	34.13	>27	3.44	3.36	2.18%	98.84%	0.00%
R12/52	UNKNOWN	W16/52	36.35	35.29	>27	4.28	4.20	1.94%	97.91%	0.00%
R13/52	UNKNOWN	W17/52	29.37	27.04	>27	2.41	2.27	5.78%	90.69%	-1.23%
R14/52	UNKNOWN	W18/52	27.41	25.32	7.62%	2.69	2.54	5.58%	74.41%	6.20%
R15/52	UNKNOWN	W19/52	22.79	21.22	6.89%	3.27	3.14	3.82%	98.44%	-12.70%
		W20/52	25.61	24.47	4.45%					
R16/52	UNKNOWN	W21/52	25.30	24.52	3.08%	3.21	3.15	1.99%	96.88%	-19.88%
		W22/52	21.92	21.31	2.78%					
R17/52	UNKNOWN	W23/52	26.23	25.71	1.98%	2.60	2.56	1.35%	97.24%	-38.18%
R18/52	UNKNOWN	W24/52	27.39	26.40	3.61%	2.19	2.14	2.56%	95.24%	-29.33%
3rd Floor										
R1/53	UNKNOWN	W1/53	39.03	37.20	>27	2.64	2.53	4.50%	92.99%	0.00%
R2/53	UNKNOWN	W2/53	37.56	35.78	>27	3.62	3.46	4.37%	98.84%	0.00%
R3/53	UNKNOWN	W3/53	32.81	31.09	>27	4.12	3.96	3.93%	99.22%	0.00%
		W4/53	36.65	34.98	>27					
R4/53	UNKNOWN	W5/53	36.64	35.07	>27	4.11	3.96	3.48%	99.27%	0.00%
		W6/53	32.66	31.22	>27					
R5/53	UNKNOWN	W7/53	37.74	36.41	>27	2.96	2.87	3.24%	98.11%	0.00%
R6/53	UNKNOWN	W8/53	38.64	37.43	>27	3.00	2.91	2.97%	97.40%	0.00%
R7/53	UNKNOWN	W9/53	38.48	37.38	>27	4.48	4.35	2.73%	97.07%	0.00%
R8/53	UNKNOWN	W10/53	37.14	36.13	>27	3.59	3.50	2.40%	98.84%	0.00%
R9/53	UNKNOWN	W11/53	32.10	31.20	>27	4.05	3.97	1.98%	99.27%	0.00%
		W12/53	35.86	34.98	>27					
R10/53	UNKNOWN	W13/53	35.77	34.93	>27	4.02	3.96	1.64%	99.27%	0.00%
		W14/53	31.75	30.98	>27					

Room/Floor	Room Use	Window	%VSC			% Daylight Factor			Proposed No Sky	
			Exist	Prop	% Loss	Exist	Prop	% Loss	% of Room Area	% Loss of Existing
R11/53	UNKNOWN	W15/53	36.30	35.53	>27	3.51	3.46	1.51%	98.84%	0.00%
R12/53	UNKNOWN	W16/53	37.56	36.81	>27	4.37	4.32	1.33%	97.91%	0.00%
R13/53	UNKNOWN	W17/53	31.58	30.07	>27	2.52	2.44	3.53%	95.11%	1.55%
R14/53	UNKNOWN	W18/53	29.66	28.41	>27	2.83	2.74	3.11%	85.24%	1.59%
R15/53	UNKNOWN	W19/53	24.00	23.28	3.00%	3.27	3.22	1.47%	98.89%	-5.41%
		W20/53	28.07	27.62	>27					
R16/53	UNKNOWN	W21/53	27.84	27.69	>27	3.23	3.23	-0.19%	98.27%	-10.33%
		W22/53	23.39	23.46	-0.30%					
R17/53	UNKNOWN	W23/53	28.74	28.87	>27	2.76	2.78	-0.47%	98.72%	-16.49%
R18/53	UNKNOWN	W24/53	30.01	29.80	>27	2.33	2.33	0.26%	97.89%	-10.30%
4th Floor										
R1/54	UNKNOWN	W1/54	39.40	38.56	>27	2.66	2.60	2.11%	92.53%	0.00%
R2/54	UNKNOWN	W2/54	38.88	38.05	>27	3.70	3.63	2.00%	98.84%	0.00%
R3/54	UNKNOWN	W3/54	26.30	25.39	3.46%	3.49	3.41	2.32%	99.22%	0.00%
		W4/54	38.21	37.42	>27					
R4/54	UNKNOWN	W5/54	38.19	37.45	>27	3.48	3.41	2.07%	99.27%	0.00%
		W6/54	26.21	25.42	3.01%					
R5/54	UNKNOWN	W7/54	39.00	38.35	>27	3.02	2.97	1.56%	98.11%	0.00%
R6/54	UNKNOWN	W8/54	39.19	38.60	>27	3.03	2.98	1.45%	97.40%	0.00%
R7/54	UNKNOWN	W9/54	39.13	38.59	>27	4.52	4.46	1.33%	97.07%	0.00%
R8/54	UNKNOWN	W10/54	38.70	38.20	>27	3.68	3.64	1.17%	98.84%	0.00%
R9/54	UNKNOWN	W11/54	25.89	25.38	1.97%	3.45	3.40	1.25%	99.27%	0.00%
		W12/54	37.79	37.36	>27					
R10/54	UNKNOWN	W13/54	37.73	37.31	>27	3.43	3.40	1.02%	99.27%	0.00%
		W14/54	25.68	25.22	1.79%					
R11/54	UNKNOWN	W15/54	38.22	37.81	>27	3.64	3.61	0.74%	98.84%	0.00%
R12/54	UNKNOWN	W16/54	38.63	38.22	>27	4.47	4.44	0.67%	97.91%	0.00%
R13/54	UNKNOWN	W17/54	34.06	33.47	>27	2.67	2.64	1.16%	96.61%	0.00%
R14/54	UNKNOWN	W18/54	33.14	32.81	>27	3.06	3.04	0.72%	98.62%	0.00%
R15/54	UNKNOWN	W19/54	19.92	19.86	0.30%	2.85	2.87	-0.67%	99.22%	0.00%
		W20/54	31.91	32.17	>27					
R16/54	UNKNOWN	W21/54	31.74	32.21	>27	2.82	2.88	-2.41%	99.22%	0.00%
		W22/54	19.37	19.98	-3.15%					
R17/54	UNKNOWN	W23/54	32.42	33.20	>27	3.00	3.07	-2.10%	98.82%	0.00%
R18/54	UNKNOWN	W24/54	32.82	33.44	>27	2.50	2.54	-1.84%	97.89%	0.00%
Whitebeam House MA127/13/BRE/153										
Gnd Floor										
R1/60	UNKNOWN	W1/60	35.60	33.10	>27	2.14	2.00	6.31%	97.70%	0.00%
R2/60	UNKNOWN	W2/60	34.43	32.10	>27	3.45	3.25	5.80%	98.62%	0.00%
R3/60	UNKNOWN	W3/60	28.38	26.56	6.41%	2.82	2.62	6.92%	78.33%	12.09%
		W4/60	10.68	7.65	28.37%					
R4/60	UNKNOWN	W5/60	19.71	16.82	14.66%	1.90	1.65	12.82%	86.09%	3.77%
R5/60	UNKNOWN	W6/60	22.13	18.55	16.18%	3.54	3.12	11.91%	99.83%	0.00%
R6/60	UNKNOWN	W7/60	26.51	22.03	16.90%	5.34	4.64	13.07%	99.77%	0.00%
R7/60	UNKNOWN	W8/60	15.09	9.35	38.04%	3.57	2.55	28.56%	99.45%	0.39%

Room/Floor	Room Use	Window	%VSC			% Daylight Factor			Proposed No Sky	
			Exist	Prop	% Loss	Exist	Prop	% Loss	% of Room Area	% Loss of Existing
1st Floor										
R1/61	UNKNOWN	W1/61	36.81	34.77	>27	2.19	2.08	5.11%	97.70%	0.00%
R2/61	UNKNOWN	W2/61	35.57	33.66	>27	3.54	3.37	4.74%	98.62%	0.00%
R3/61	UNKNOWN	W3/61	30.24	28.71	>27	2.97	2.80	5.66%	79.41%	12.68%
		W4/61	11.81	9.06	23.29%					
R4/61	UNKNOWN	W5/61	21.59	19.07	11.67%	2.06	1.86	9.71%	92.67%	1.92%
R5/61	UNKNOWN	W6/61	23.66	20.48	13.44%	3.70	3.34	9.91%	99.83%	0.00%
R6/61	UNKNOWN	W7/61	28.29	24.24	14.32%	5.61	4.98	11.17%	99.77%	0.00%
R7/61	UNKNOWN	W8/61	16.64	11.47	31.07%	3.82	2.82	26.28%	99.69%	0.16%
2nd Floor										
R1/62	UNKNOWN	W1/62	37.93	36.39	>27	2.24	2.16	3.84%	97.70%	0.00%
R2/62	UNKNOWN	W2/62	36.65	35.20	>27	3.63	3.50	3.61%	98.62%	0.00%
R3/62	UNKNOWN	W3/62	32.13	30.92	>27	3.12	2.99	4.29%	81.84%	11.26%
		W4/62	12.95	10.70	17.37%					
R4/62	UNKNOWN	W5/62	23.48	21.39	8.90%	2.22	2.06	7.13%	95.97%	1.10%
R5/62	UNKNOWN	W6/62	25.23	22.55	10.62%	3.87	3.56	7.93%	99.83%	0.00%
R6/62	UNKNOWN	W7/62	30.14	26.68	11.48%	5.89	5.35	9.15%	99.77%	0.00%
R7/62	UNKNOWN	W8/62	18.25	13.78	24.49%	4.09	3.13	23.51%	99.84%	0.00%
3rd Floor										
R1/63	UNKNOWN	W1/63	38.85	37.82	>27	2.28	2.22	2.59%	97.70%	0.00%
R2/63	UNKNOWN	W2/63	37.64	36.64	>27	3.71	3.62	2.51%	98.62%	0.00%
R3/63	UNKNOWN	W3/63	33.96	33.09	>27	3.27	3.18	2.96%	88.97%	5.42%
		W4/63	14.08	12.37	12.14%					
R4/63	UNKNOWN	W5/63	25.35	23.77	6.23%	2.37	2.26	4.85%	97.04%	0.00%
R5/63	UNKNOWN	W6/63	26.82	24.74	7.76%	4.04	3.80	5.87%	99.83%	0.00%
R6/63	UNKNOWN	W7/63	32.06	29.29	>27	6.18	5.74	7.08%	99.77%	0.00%
R7/63	UNKNOWN	W8/63	19.89	16.28	18.15%	4.43	3.65	17.56%	99.84%	0.00%
4th Floor										
R1/64	UNKNOWN	W1/64	39.17	38.60	>27	2.29	2.26	1.44%	97.70%	0.00%
R2/64	UNKNOWN	W2/64	38.25	37.69	>27	3.75	3.69	1.41%	98.69%	0.00%
R3/64	UNKNOWN	W3/64	35.67	35.19	>27	3.42	3.37	1.69%	97.00%	-0.13%
		W4/64	15.17	14.03	7.51%					
R4/64	UNKNOWN	W5/64	27.16	26.10	3.90%	2.52	2.44	2.90%	97.04%	0.00%
R5/64	UNKNOWN	W6/64	28.48	27.03	>27	4.21	4.04	3.90%	99.83%	0.00%
R6/64	UNKNOWN	W7/64	34.05	32.06	>27	6.46	6.14	4.97%	99.77%	0.00%
R7/64	UNKNOWN	W8/64	21.52	18.85	12.41%	4.75	4.22	11.18%	99.84%	0.00%
5th Floor										
R1/65	UNKNOWN	W1/65	39.35	39.17	>27	2.30	2.29	0.48%	97.70%	0.00%
R2/65	UNKNOWN	W2/65	38.98	38.78	>27	3.79	3.77	0.50%	98.55%	0.00%
R3/65	UNKNOWN	W3/65	37.27	37.12	>27	3.57	3.55	0.64%	97.00%	0.00%
		W4/65	16.19	15.56	3.89%					
R4/65	UNKNOWN	W5/65	28.85	28.30	>27	2.65	2.62	1.28%	97.04%	0.00%
R5/65	UNKNOWN	W6/65	30.97	30.20	>27	4.45	4.37	1.98%	99.83%	0.00%
R6/65	UNKNOWN	W7/65	36.23	35.12	>27	6.79	6.60	2.77%	99.77%	0.00%
R7/65	UNKNOWN	W8/65	22.97	21.36	7.01%	5.03	4.73	5.93%	99.84%	0.00%

Room/Floor	Room Use	Window	%VSC			% Daylight Factor			% of Proposed No Sky	
			Exist	Prop	% Loss	Exist	Prop	% Loss	Room Area	% Loss of Existing
1 St Pancras Almshouses MA127/13/BRE/154										
Gnd Floor										
R1/70	UNKNOWN	W1/70	36.62	32.44	>27	1.91	1.72	10.25%	84.16%	7.68%
1st Floor										
R1/71	UNKNOWN	W1/71	37.65	34.19	>27	1.96	1.79	8.48%	88.63%	2.77%
R2/71	UNKNOWN	W2/71	30.52	29.59	>27	2.01	1.96	2.34%	97.07%	0.00%
2nd Floor										
R1/72	UNKNOWN	W1/72	38.52	35.72	>27	0.14	0.13	4.38%	54.25%	12.82%
62 Grafton Terrace MA127/13/BRE/155										
Gnd Floor										
R1/90	UNKNOWN	W1/90	19.09	18.31	4.09%	1.95	1.88	3.65%	93.72%	0.00%
1st Floor										
R1/91	UNKNOWN	W1/91	31.39	24.42	22.20%	2.61	2.16	17.33%	93.72%	0.00%
R2/91	UNKNOWN	W2/91	34.69	25.84	25.51%	5.73	4.53	20.95%	97.06%	0.00%
2nd Floor										
R1/92	UNKNOWN	W1/92	35.83	30.05	>27	4.03	3.47	13.92%	97.59%	0.00%
R3/92	UNKNOWN	W3/92	34.04	28.77	>27	4.51	3.93	12.98%	98.19%	0.00%
3rd Floor										
R1/93	UNKNOWN	W1/93	37.07	33.17	>27	2.90	2.63	9.57%	97.59%	0.00%
R2/93	UNKNOWN	W2/93	36.97	33.32	>27	3.46	3.15	8.90%	98.40%	0.00%
R3/93	UNKNOWN	W3/93	35.28	31.85	>27	3.26	2.98	8.56%	98.19%	0.00%
58-60 Grafton Terrace MA127/13/BRE/156										
Gnd Floor										
R1/100	UNKNOWN	W1/100	15.63	15.30	2.11%	3.36	3.26	2.98%	98.61%	0.00%
R2/100	UNKNOWN	W2/100	16.35	16.35	0.00%	3.52	3.52	0.00%	95.73%	0.00%
1st Floor										
R1/101	UNKNOWN	W1/101	34.58	28.01	>27	5.39	4.56	15.54%	98.95%	0.00%
R2/101	UNKNOWN	W2/101	35.23	28.75	>27	1.80	1.51	16.22%	98.51%	0.00%
R3/101	UNKNOWN	W3/101	35.27	28.89	>27	1.75	1.47	15.95%	98.57%	0.00%
R4/101	UNKNOWN	W4/101	34.82	29.33	>27	5.50	4.77	13.14%	93.58%	0.00%
2nd Floor										
R1/102	UNKNOWN	W1/102	36.01	31.66	>27	2.48	2.22	10.47%	94.42%	0.00%
R2/102	UNKNOWN	W2/102	36.37	32.64	>27	2.48	2.26	9.06%	91.88%	0.00%
3rd Floor										
R1/103	UNKNOWN	W1/103	36.28	33.71	>27	1.87	1.75	6.31%	94.41%	0.00%
R2/103	UNKNOWN	W2/103	35.49	33.37	>27	1.86	1.76	5.28%	92.17%	0.00%
54-56 Grafton Terrace MA127/13/BRE/157										
Gnd Floor										
R1/110	UNKNOWN	W1/110	14.62	14.62	0.00%	3.32	3.30	0.54%	97.78%	0.52%
R2/110	UNKNOWN	W2/110	13.43	13.43	0.00%	3.11	3.11	0.00%	98.41%	0.08%
1st Floor										
R1/111	UNKNOWN	W1/111	34.59	29.55	>27	5.78	5.08	12.16%	98.49%	0.00%
R2/111	UNKNOWN	W2/111	34.97	30.32	>27	1.83	1.63	11.07%	99.35%	0.00%
R3/111	UNKNOWN	W3/111	34.92	30.45	>27	1.68	1.51	10.45%	97.23%	0.00%
R4/111	UNKNOWN	W4/111	34.12	30.37	>27	5.48	4.98	9.21%	98.74%	0.00%

Room/Floor	Room Use	Window	%VSC			% Daylight Factor			Proposed No Sky	
			Exist	Prop	% Loss	Exist	Prop	% Loss	% of Room Area	% Loss of Existing
2nd Floor										
R1/112	UNKNOWN	W1/112	36.32	33.19	>27	2.65	2.45	7.65%	97.07%	0.00%
R2/112	UNKNOWN	W2/112	36.27	33.72	>27	2.52	2.36	6.27%	96.76%	0.00%
3rd Floor										
R1/113	UNKNOWN	W1/113	35.74	33.96	>27	1.98	1.90	4.44%	97.07%	0.00%
R2/113	UNKNOWN	W2/113	37.13	35.71	>27	1.92	1.85	3.55%	96.76%	0.00%
Grafton Mews MA127/13/BRE/158										
Gnd Floor										
R1/120	UNKNOWN	W1/120	31.48	14.54	53.81%	5.66	3.42	39.69%	61.00%	38.73%
R2/120	UNKNOWN	W2/120	31.47	19.07	39.40%	5.65	3.97	29.73%	75.00%	24.71%
R3/120	UNKNOWN	W3/120	31.42	22.28	29.09%	5.62	4.37	22.24%	84.56%	15.12%
R4/120	UNKNOWN	W4/120	31.67	24.45	22.80%	2.94	2.41	17.89%	87.87%	11.03%
R5/120	UNKNOWN	W5/120	31.61	25.78	18.44%	4.90	4.20	14.34%	92.28%	7.11%
R6/120	UNKNOWN	W6/120	31.45	27.28	>27	4.99	4.47	10.36%	99.34%	0.00%
R7/120	UNKNOWN	W7/120	31.24	27.97	>27	5.20	4.77	8.21%	99.56%	0.00%
R8/120	UNKNOWN	W8/120	30.96	28.38	>27	5.22	4.88	6.60%	99.55%	0.00%
R9/120	UNKNOWN	W9/120	30.61	28.64	>27	5.08	4.82	5.02%	99.47%	0.00%
R10/120	UNKNOWN	W10/120	30.33	28.89	>27	4.96	4.78	3.69%	99.38%	0.00%
R11/120	UNKNOWN	W11/120	30.09	28.91	>27	4.90	4.75	3.02%	99.34%	0.00%
R12/120	UNKNOWN	W12/120	30.14	29.03	>27	5.16	5.02	2.83%	99.44%	0.00%
1st Floor										
R1/121	UNKNOWN	W1/121	21.97	8.53	61.17%	1.69	0.83	51.15%	56.95%	40.33%
R2/121	UNKNOWN	W2/121	21.81	9.67	55.66%	2.53	1.34	46.81%	59.00%	38.22%
R3/121	UNKNOWN	W3/121	21.86	11.49	47.44%	1.92	1.12	41.64%	73.16%	23.40%
R4/121	UNKNOWN	W4/121	21.68	12.37	42.94%	2.65	1.65	37.76%	79.11%	17.15%
R5/121	UNKNOWN	W5/121	21.68	13.68	36.90%	1.89	1.27	33.12%	92.18%	3.53%
R6/121	UNKNOWN	W6/121	21.59	14.33	33.63%	3.00	2.10	30.09%	95.52%	0.00%
R7/121	UNKNOWN	W7/121	21.13	14.80	29.96%	2.29	1.67	27.00%	95.49%	0.00%
R8/121	UNKNOWN	W8/121	21.42	16.31	23.86%	1.77	1.40	21.36%	95.55%	0.00%
R9/121	UNKNOWN	W9/121	21.25	16.64	21.69%	2.65	2.13	19.64%	95.54%	0.00%
R10/121	UNKNOWN	W10/121	21.13	17.27	18.27%	2.62	2.18	16.61%	95.56%	0.00%
R11/121	UNKNOWN	W11/121	21.16	17.61	16.78%	1.78	1.51	14.85%	95.45%	0.00%
R12/121	UNKNOWN	W12/121	20.92	17.84	14.72%	2.67	2.32	13.29%	95.52%	0.00%
R13/121	UNKNOWN	W13/121	20.90	18.12	13.30%	1.76	1.55	11.77%	95.53%	0.00%
R14/121	UNKNOWN	W14/121	20.62	18.19	11.78%	2.68	2.39	10.81%	95.58%	0.00%
R15/121	UNKNOWN	W15/121	20.63	18.40	10.81%	1.78	1.61	9.30%	95.63%	0.00%
R16/121	UNKNOWN	W16/121	20.37	18.47	9.33%	2.62	2.40	8.55%	95.49%	0.00%
R17/121	UNKNOWN	W17/121	20.30	18.61	8.33%	1.75	1.63	6.97%	95.62%	0.00%
R18/121	UNKNOWN	W18/121	20.00	18.59	7.05%	2.50	2.34	6.40%	95.52%	0.00%
R19/121	UNKNOWN	W19/121	20.00	18.71	6.45%	1.77	1.68	5.10%	95.62%	0.00%
R20/121	UNKNOWN	W20/121	19.77	18.65	5.67%	2.44	2.31	5.13%	95.52%	0.00%
R21/121	UNKNOWN	W21/121	19.87	18.80	5.39%	1.73	1.66	4.11%	89.87%	0.00%
R22/121	UNKNOWN	W22/121	19.67	18.67	5.08%	2.43	2.31	4.62%	95.53%	0.00%
R23/121	UNKNOWN	W23/121	19.87	18.86	5.08%	1.76	1.69	3.82%	84.87%	0.00%

Room/Floor	Room Use	Window	%VSC			% Daylight Factor			Proposed No Sky	
			Exist	Prop	% Loss	Exist	Prop	% Loss	% of Room Area	% Loss of Existing
2nd Floor										
R1/122	UNKNOWN	W1/122	31.67	16.56	47.71%	5.89	3.81	35.34%	78.19%	20.95%
R2/122	UNKNOWN	W2/122	31.77	21.85	31.22%	6.04	4.54	24.71%	92.63%	7.05%
R3/122	UNKNOWN	W3/122	31.72	24.55	22.60%	5.77	4.72	18.25%	95.69%	3.95%
R4/122	UNKNOWN	W4/122	27.92	22.54	19.27%	2.97	2.51	15.62%	91.95%	0.00%
R5/122	UNKNOWN	W5/122	31.48	27.01	>27	4.92	4.35	11.65%	99.11%	0.27%
R6/122	UNKNOWN	W6/122	31.23	28.03	>27	5.07	4.65	8.40%	99.14%	0.00%
R7/122	UNKNOWN	W7/122	31.04	28.49	>27	5.38	5.02	6.75%	99.42%	0.00%
R8/122	UNKNOWN	W8/122	30.77	28.72	>27	5.27	4.98	5.50%	99.43%	0.00%
R9/122	UNKNOWN	W9/122	30.49	28.91	>27	5.25	5.02	4.21%	99.38%	0.00%
R12/122	UNKNOWN	W12/122	29.55	28.66	>27	5.26	5.13	2.44%	98.36%	0.00%
3rd Floor										
R1/123	UNKNOWN	W1/123	29.41	16.53	43.79%	2.31	1.56	32.55%	85.60%	10.37%
R2/123	UNKNOWN	W2/123	29.30	19.23	34.37%	3.87	2.84	26.63%	89.39%	6.42%
R3/123	UNKNOWN	W3/123	29.37	21.82	25.71%	2.27	1.82	19.78%	94.32%	1.26%
R4/123	UNKNOWN	W4/123	29.31	22.84	22.07%	3.98	3.28	17.68%	95.34%	0.18%
R5/123	UNKNOWN	W5/123	29.34	23.98	18.27%	2.30	1.98	14.03%	97.19%	0.00%
R6/123	UNKNOWN	W6/123	29.33	24.49	16.50%	4.16	3.61	13.21%	95.52%	0.00%
R7/123	UNKNOWN	W7/123	29.30	25.08	14.40%	2.33	2.06	11.35%	92.32%	3.09%
R8/123	UNKNOWN	W8/123	29.29	25.89	11.61%	2.41	2.20	9.03%	97.22%	0.00%
R9/123	UNKNOWN	W9/123	29.24	26.16	10.53%	3.70	3.39	8.51%	97.26%	0.00%
R10/123	UNKNOWN	W10/123	29.21	26.60	8.94%	3.72	3.45	7.24%	97.32%	0.00%
R11/123	UNKNOWN	W11/123	29.24	26.82	8.28%	2.51	2.34	6.55%	97.30%	0.00%
R12/123	UNKNOWN	W12/123	29.15	27.04	>27	3.77	3.56	5.78%	97.29%	0.00%
R13/123	UNKNOWN	W13/123	29.14	27.23	>27	2.53	2.40	5.21%	97.42%	0.00%
R14/123	UNKNOWN	W14/123	29.03	27.34	>27	3.72	3.55	4.68%	97.33%	0.00%
R15/123	UNKNOWN	W15/123	29.03	27.49	>27	2.48	2.38	4.11%	97.23%	0.00%
R16/123	UNKNOWN	W16/123	28.93	27.62	>27	3.79	3.65	3.69%	97.34%	0.00%
R17/123	UNKNOWN	W17/123	28.86	27.69	>27	2.44	2.36	3.00%	97.16%	0.00%
R18/123	UNKNOWN	W18/123	28.75	27.77	>27	3.72	3.62	2.74%	97.31%	0.00%
R19/123	UNKNOWN	W19/123	28.75	27.85	>27	2.45	2.40	2.16%	97.14%	0.00%
R20/123	UNKNOWN	W20/123	28.67	27.90	>27	3.69	3.61	2.14%	97.33%	0.00%
R21/123	UNKNOWN	W21/123	28.73	27.99	>27	2.40	2.35	1.71%	97.11%	0.00%
R22/123	UNKNOWN	W22/123	28.68	27.98	>27	3.74	3.67	1.95%	97.36%	0.00%
R23/123	UNKNOWN	W23/123	28.76	28.06	>27	2.57	2.53	1.63%	97.30%	0.00%

MA127 - MAITLAND
26-Sep-19
JOB 13 - SUNLIGHT RESULTS

Available sunlight as a percentage of
annual unobstructed total (1486.0 Hrs)

Annual Unsubstantiated Total (1488.6 hrs)										
		Existing %			Proposed %					
Room use	Window Ref	Summer	Winter	Total	Summer	Winter	Total	% Loss Of Summer	% Loss Of Winter	% Loss Of Total
Beach House MA127/13/BRE/146										
Gnd Floor										
BEDROOM	W3/10	23.00	3.00	26.00	18.00	3.00	21.00	21.74%	0.00%	19.23%
1st Floor										
BEDROOM	W3/11	28.00	4.00	32.00	24.00	4.00	28.00	14.29%	0.00%	12.50%
2nd Floor										
BEDROOM	W3/12	33.00	6.00	39.00	31.00	6.00	37.00	6.06%	0.00%	5.13%
3rd Floor										
BEDROOM	W3/13	34.00	13.00	47.00	34.00	13.00	47.00	0.00%	0.00%	0.00%
Chestnut House MA127/13/BRE/147										
Gnd Floor										
LIVINGROOM	W5/20	30.00	9.00	39.00	27.00	9.00	36.00	10.00%	0.00%	7.69%
1st Floor										
LIVINGROOM	W5/21	31.00	10.00	41.00	27.00	10.00	37.00	12.90%	0.00%	9.76%
2nd Floor										
LIVINGROOM	W5/22	34.00	12.00	46.00	31.00	12.00	43.00	8.82%	0.00%	6.52%
3rd Floor										
LIVINGROOM	W5/23	35.00	13.00	48.00	33.00	13.00	46.00	5.71%	0.00%	4.17%
Alder House MA127/13/BRE/149-150										
Gnd Floor										
UNKNOWN	W28/40	33.00	14.00	47.00	33.00	13.00	46.00	0.00%	7.14%	2.13%
UNKNOWN	W29/40	31.00	15.00	46.00	31.00	13.00	44.00	0.00%	13.33%	4.35%
UNKNOWN	W27/40	41.00	15.00	56.00	41.00	14.00	55.00	0.00%	6.67%	1.79%
UNKNOWN	W26/40	46.00	15.00	61.00	46.00	15.00	61.00	0.00%	0.00%	0.00%
UNKNOWN	W25/40	39.00	16.00	55.00	39.00	16.00	55.00	0.00%	0.00%	0.00%
UNKNOWN	W23/40	37.00	16.00	53.00	37.00	16.00	53.00	0.00%	0.00%	0.00%
UNKNOWN	W24/40	40.00	16.00	56.00	40.00	15.00	55.00	0.00%	6.25%	1.79%
UNKNOWN	W21/40	39.00	14.00	53.00	39.00	14.00	53.00	0.00%	0.00%	0.00%
UNKNOWN	W22/40	40.00	17.00	57.00	40.00	16.00	56.00	0.00%	5.88%	1.75%
UNKNOWN	W20/40	36.00	15.00	51.00	36.00	14.00	50.00	0.00%	6.67%	1.96%
UNKNOWN	W19/40	40.00	14.00	54.00	40.00	14.00	54.00	0.00%	0.00%	0.00%
UNKNOWN	W18/40	38.00	13.00	51.00	38.00	12.00	50.00	0.00%	7.69%	1.96%
UNKNOWN	W16/40	19.00	12.00	31.00	19.00	10.00	29.00	0.00%	16.67%	6.45%
UNKNOWN	W17/40	30.00	10.00	40.00	30.00	10.00	40.00	0.00%	0.00%	0.00%
UNKNOWN	W15/40	29.00	9.00	38.00	29.00	8.00	37.00	0.00%	11.11%	2.63%
1st Floor										
UNKNOWN	W28/41	41.00	18.00	59.00	41.00	17.00	58.00	0.00%	5.56%	1.69%
UNKNOWN	W29/41	35.00	18.00	53.00	35.00	17.00	52.00	0.00%	5.56%	1.89%
UNKNOWN	W27/41	42.00	17.00	59.00	42.00	17.00	59.00	0.00%	0.00%	0.00%
UNKNOWN	W26/41	48.00	19.00	67.00	48.00	19.00	67.00	0.00%	0.00%	0.00%
UNKNOWN	W25/41	43.00	19.00	62.00	43.00	20.00	63.00	0.00%	-5.26%	-1.61%
UNKNOWN	W23/41	38.00	18.00	56.00	38.00	19.00	57.00	0.00%	-5.56%	-1.79%

Room use	Window Ref	Existing %			Proposed %			% Loss of Summer	% Loss of Winter	% Loss of Total
		Summer	Winter	Total	Summer	Winter	Total			
UNKNOWN	W24/41	46.00	18.00	64.00	46.00	19.00	65.00	0.00%	-5.56%	-1.56%
UNKNOWN	W21/41	44.00	18.00	62.00	44.00	18.00	62.00	0.00%	0.00%	0.00%
UNKNOWN	W22/41	40.00	19.00	59.00	40.00	19.00	59.00	0.00%	0.00%	0.00%
UNKNOWN	W20/41	39.00	19.00	58.00	39.00	19.00	58.00	0.00%	0.00%	0.00%
UNKNOWN	W19/41	44.00	17.00	61.00	44.00	17.00	61.00	0.00%	0.00%	0.00%
UNKNOWN	W18/41	40.00	16.00	56.00	40.00	16.00	56.00	0.00%	0.00%	0.00%
UNKNOWN	W16/41	23.00	13.00	36.00	23.00	13.00	36.00	0.00%	0.00%	0.00%
UNKNOWN	W17/41	34.00	13.00	47.00	34.00	13.00	47.00	0.00%	0.00%	0.00%
UNKNOWN	W15/41	29.00	10.00	39.00	29.00	10.00	39.00	0.00%	0.00%	0.00%
2nd Floor										
UNKNOWN	W28/42	45.00	20.00	65.00	45.00	20.00	65.00	0.00%	0.00%	0.00%
UNKNOWN	W29/42	43.00	20.00	63.00	43.00	20.00	63.00	0.00%	0.00%	0.00%
UNKNOWN	W27/42	43.00	22.00	65.00	43.00	23.00	66.00	0.00%	-4.55%	-1.54%
UNKNOWN	W26/42	51.00	23.00	74.00	51.00	23.00	74.00	0.00%	0.00%	0.00%
UNKNOWN	W25/42	44.00	22.00	66.00	44.00	22.00	66.00	0.00%	0.00%	0.00%
UNKNOWN	W23/42	40.00	21.00	61.00	40.00	21.00	61.00	0.00%	0.00%	0.00%
UNKNOWN	W24/42	48.00	21.00	69.00	48.00	22.00	70.00	0.00%	-4.76%	-1.45%
UNKNOWN	W21/42	47.00	20.00	67.00	47.00	20.00	67.00	0.00%	0.00%	0.00%
UNKNOWN	W22/42	42.00	21.00	63.00	42.00	21.00	63.00	0.00%	0.00%	0.00%
UNKNOWN	W20/42	42.00	21.00	63.00	42.00	21.00	63.00	0.00%	0.00%	0.00%
UNKNOWN	W19/42	50.00	19.00	69.00	50.00	19.00	69.00	0.00%	0.00%	0.00%
UNKNOWN	W18/42	42.00	17.00	59.00	42.00	17.00	59.00	0.00%	0.00%	0.00%
UNKNOWN	W16/42	25.00	14.00	39.00	25.00	14.00	39.00	0.00%	0.00%	0.00%
UNKNOWN	W17/42	35.00	15.00	50.00	35.00	15.00	50.00	0.00%	0.00%	0.00%
UNKNOWN	W15/42	29.00	10.00	39.00	29.00	10.00	39.00	0.00%	0.00%	0.00%
3rd Floor										
UNKNOWN	W28/43	49.00	25.00	74.00	49.00	25.00	74.00	0.00%	0.00%	0.00%
UNKNOWN	W29/43	46.00	23.00	69.00	46.00	23.00	69.00	0.00%	0.00%	0.00%
UNKNOWN	W27/43	46.00	24.00	70.00	46.00	24.00	70.00	0.00%	0.00%	0.00%
UNKNOWN	W26/43	52.00	24.00	76.00	52.00	24.00	76.00	0.00%	0.00%	0.00%
UNKNOWN	W25/43	48.00	24.00	72.00	48.00	24.00	72.00	0.00%	0.00%	0.00%
UNKNOWN	W23/43	41.00	24.00	65.00	41.00	24.00	65.00	0.00%	0.00%	0.00%
UNKNOWN	W24/43	49.00	24.00	73.00	49.00	24.00	73.00	0.00%	0.00%	0.00%
UNKNOWN	W21/43	49.00	23.00	72.00	49.00	23.00	72.00	0.00%	0.00%	0.00%
UNKNOWN	W22/43	43.00	23.00	66.00	43.00	23.00	66.00	0.00%	0.00%	0.00%
UNKNOWN	W20/43	44.00	22.00	66.00	44.00	22.00	66.00	0.00%	0.00%	0.00%
UNKNOWN	W19/43	50.00	21.00	71.00	50.00	21.00	71.00	0.00%	0.00%	0.00%
UNKNOWN	W18/43	46.00	20.00	66.00	46.00	20.00	66.00	0.00%	0.00%	0.00%
UNKNOWN	W16/43	27.00	16.00	43.00	27.00	16.00	43.00	0.00%	0.00%	0.00%
UNKNOWN	W17/43	42.00	19.00	61.00	42.00	19.00	61.00	0.00%	0.00%	0.00%
UNKNOWN	W15/43	30.00	11.00	41.00	30.00	11.00	41.00	0.00%	0.00%	0.00%
Hornbeam House MA127/13/BRE/151-152										
Gnd Floor										
UNKNOWN	W17/50	52.00	11.00	63.00	49.00	7.00	56.00	5.77%	36.36%	11.11%
UNKNOWN	W18/50	43.00	10.00	53.00	42.00	6.00	48.00	2.33%	40.00%	9.43%
UNKNOWN	W19/50	46.00	8.00	54.00	42.00	4.00	46.00	8.70%	50.00%	14.81%
UNKNOWN	W20/50	38.00	7.00	45.00	36.00	5.00	41.00	5.26%	28.57%	8.89%
UNKNOWN	W21/50	38.00	7.00	45.00	37.00	7.00	44.00	2.63%	0.00%	2.22%
UNKNOWN	W22/50	48.00	8.00	56.00	43.00	6.00	49.00	10.42%	25.00%	12.50%
UNKNOWN	W23/50	46.00	7.00	53.00	42.00	5.00	47.00	8.70%	28.57%	11.32%
UNKNOWN	W24/50	54.00	8.00	62.00	51.00	6.00	57.00	5.56%	25.00%	8.06%

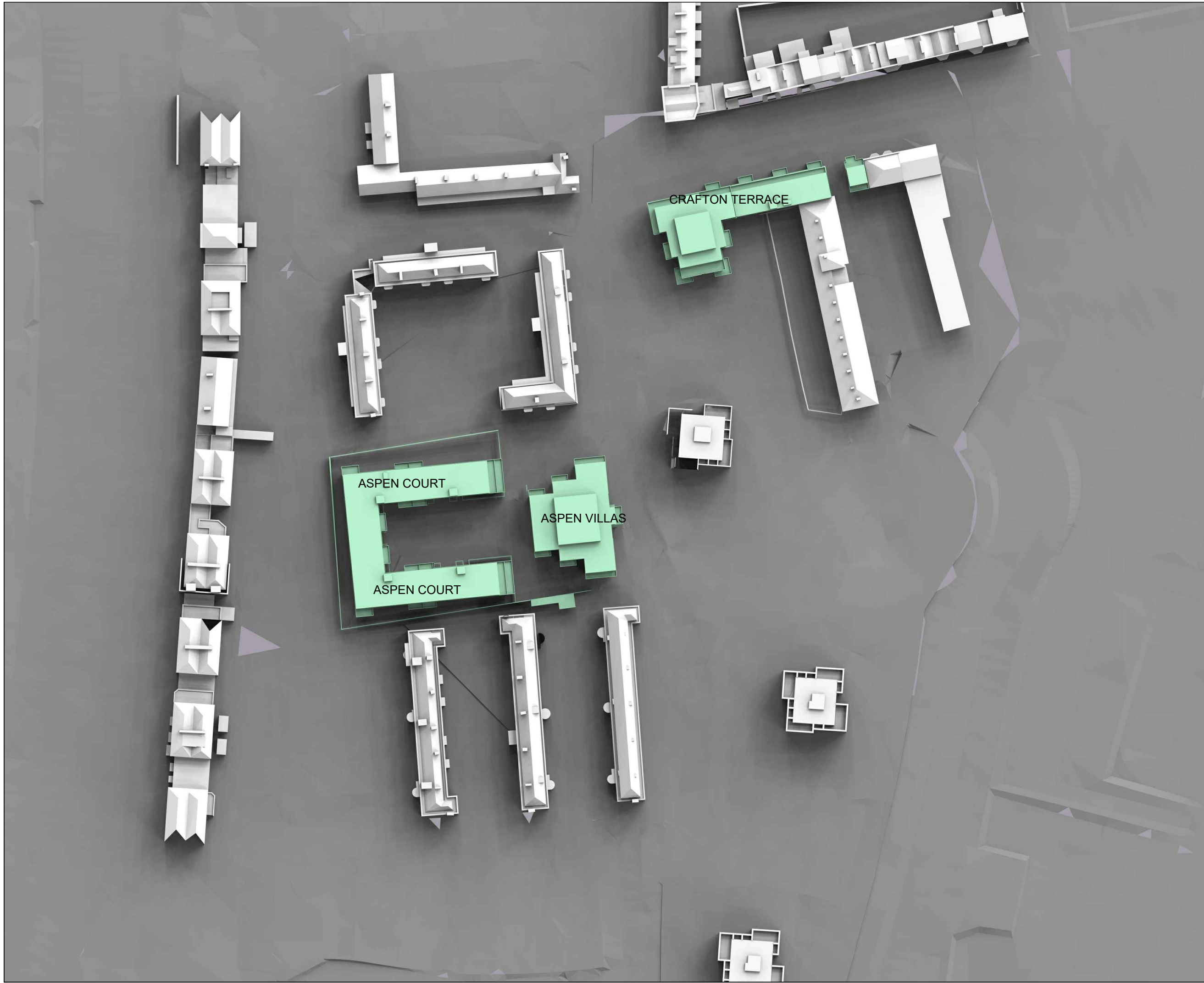
		Existing %			Proposed %					
Room use	Window Ref	Summer	Winter	Total	Summer	Winter	Total	% Loss of Summer	% Loss of Winter	% Loss of Total
1st Floor										
UNKNOWN	W17/51	52.00	14.00	66.00	51.00	8.00	59.00	1.92%	42.86%	10.61%
UNKNOWN	W18/51	45.00	14.00	59.00	44.00	9.00	53.00	2.22%	35.71%	10.17%
UNKNOWN	W19/51	49.00	10.00	59.00	47.00	7.00	54.00	4.08%	30.00%	8.47%
UNKNOWN	W20/51	40.00	11.00	51.00	38.00	9.00	47.00	5.00%	18.18%	7.84%
UNKNOWN	W21/51	42.00	11.00	53.00	41.00	9.00	50.00	2.38%	18.18%	5.66%
UNKNOWN	W22/51	52.00	13.00	65.00	50.00	8.00	58.00	3.85%	38.46%	10.77%
UNKNOWN	W23/51	47.00	11.00	58.00	47.00	11.00	58.00	0.00%	0.00%	0.00%
UNKNOWN	W24/51	57.00	12.00	69.00	57.00	10.00	67.00	0.00%	16.67%	2.90%
2nd Floor										
UNKNOWN	W17/52	53.00	17.00	70.00	53.00	15.00	68.00	0.00%	11.76%	2.86%
UNKNOWN	W18/52	47.00	18.00	65.00	47.00	16.00	63.00	0.00%	11.11%	3.08%
UNKNOWN	W19/52	52.00	15.00	67.00	52.00	14.00	66.00	0.00%	6.67%	1.49%
UNKNOWN	W20/52	41.00	15.00	56.00	41.00	15.00	56.00	0.00%	0.00%	0.00%
UNKNOWN	W21/52	44.00	15.00	59.00	44.00	16.00	60.00	0.00%	-6.67%	-1.69%
UNKNOWN	W22/52	52.00	15.00	67.00	52.00	15.00	67.00	0.00%	0.00%	0.00%
UNKNOWN	W23/52	47.00	13.00	60.00	47.00	17.00	64.00	0.00%	-30.77%	-6.67%
UNKNOWN	W24/52	56.00	14.00	70.00	56.00	12.00	68.00	0.00%	14.29%	2.86%
3rd Floor										
UNKNOWN	W17/53	54.00	21.00	75.00	54.00	20.00	74.00	0.00%	4.76%	1.33%
UNKNOWN	W18/53	47.00	21.00	68.00	47.00	20.00	67.00	0.00%	4.76%	1.47%
UNKNOWN	W19/53	47.00	19.00	66.00	47.00	17.00	64.00	0.00%	10.53%	3.03%
UNKNOWN	W20/53	41.00	21.00	62.00	41.00	20.00	61.00	0.00%	4.76%	1.61%
UNKNOWN	W21/53	43.00	21.00	64.00	43.00	21.00	64.00	0.00%	0.00%	0.00%
UNKNOWN	W22/53	48.00	20.00	68.00	48.00	19.00	67.00	0.00%	5.00%	1.47%
UNKNOWN	W23/53	47.00	20.00	67.00	47.00	20.00	67.00	0.00%	0.00%	0.00%
UNKNOWN	W24/53	56.00	19.00	75.00	56.00	20.00	76.00	0.00%	-5.26%	-1.33%
4th Floor										
UNKNOWN	W17/54	57.00	25.00	82.00	57.00	25.00	82.00	0.00%	0.00%	0.00%
UNKNOWN	W18/54	56.00	24.00	80.00	56.00	25.00	81.00	0.00%	-4.17%	-1.25%
UNKNOWN	W19/54	27.00	24.00	51.00	27.00	25.00	52.00	0.00%	-4.17%	-1.96%
UNKNOWN	W20/54	51.00	24.00	75.00	51.00	25.00	76.00	0.00%	-4.17%	-1.33%
UNKNOWN	W21/54	52.00	22.00	74.00	52.00	24.00	76.00	0.00%	-9.09%	-2.70%
UNKNOWN	W22/54	27.00	25.00	52.00	27.00	25.00	52.00	0.00%	0.00%	0.00%
UNKNOWN	W23/54	55.00	26.00	81.00	55.00	27.00	82.00	0.00%	-3.85%	-1.23%
UNKNOWN	W24/54	57.00	26.00	83.00	57.00	27.00	84.00	0.00%	-3.85%	-1.20%
Whitebeam House MA127/13/BRE/153										
Gnd Floor										
UNKNOWN	W3/60	23.00	4.00	27.00	20.00	1.00	21.00	13.04%	75.00%	22.22%
UNKNOWN	W4/60	16.00	2.00	18.00	13.00	1.00	14.00	18.75%	50.00%	22.22%
1st Floor										
UNKNOWN	W3/61	24.00	4.00	28.00	23.00	2.00	25.00	4.17%	50.00%	10.71%
UNKNOWN	W4/61	18.00	3.00	21.00	16.00	2.00	18.00	11.11%	33.33%	14.29%
2nd Floor										
UNKNOWN	W3/62	27.00	6.00	33.00	26.00	3.00	29.00	3.70%	50.00%	12.12%
UNKNOWN	W4/62	21.00	5.00	26.00	20.00	4.00	24.00	4.76%	20.00%	7.69%
3rd Floor										
UNKNOWN	W3/63	28.00	6.00	34.00	28.00	5.00	33.00	0.00%	16.67%	2.94%
UNKNOWN	W4/63	21.00	6.00	27.00	21.00	5.00	26.00	0.00%	16.67%	3.70%
4th Floor										
UNKNOWN	W3/64	29.00	8.00	37.00	29.00	6.00	35.00	0.00%	25.00%	5.41%
UNKNOWN	W4/64	22.00	8.00	30.00	22.00	6.00	28.00	0.00%	25.00%	6.67%
5th Floor										
UNKNOWN	W3/65	30.00	9.00	39.00	30.00	8.00	38.00	0.00%	11.11%	2.56%
UNKNOWN	W4/65	22.00	9.00	31.00	22.00	8.00	30.00	0.00%	11.11%	3.23%

		Existing %			Proposed %					
Room use	Window Ref	Summer	Winter	Total	Summer	Winter	Total	% Loss of Summer	% Loss of Winter	% Loss of Total
62 Grafton Terrace MA127/13/BRE/155										
Gnd Floor										
UNKNOWN	W1/90	33.00	6.00	39.00	33.00	4.00	37.00	0.00%	33.33%	5.13%
1st Floor										
UNKNOWN	W1/91	46.00	21.00	67.00	46.00	12.00	58.00	0.00%	42.86%	13.43%
UNKNOWN	W2/91	57.00	26.00	83.00	57.00	11.00	68.00	0.00%	57.69%	18.07%
2nd Floor										
UNKNOWN	W1/92	54.00	26.00	80.00	54.00	19.00	73.00	0.00%	26.92%	8.75%
UNKNOWN	W3/92	49.00	25.00	74.00	49.00	19.00	68.00	0.00%	24.00%	8.11%
3rd Floor										
UNKNOWN	W1/93	55.00	28.00	83.00	55.00	24.00	79.00	0.00%	14.29%	4.82%
UNKNOWN	W2/93	54.00	28.00	82.00	54.00	23.00	77.00	0.00%	17.86%	6.10%
UNKNOWN	W3/93	49.00	28.00	77.00	49.00	24.00	73.00	0.00%	14.29%	5.19%
58-60 Grafton Terrace MA127/13/BRE/156										
Gnd Floor										
UNKNOWN	W1/100	31.00	6.00	37.00	31.00	4.00	35.00	0.00%	33.33%	5.41%
UNKNOWN	W2/100	37.00	3.00	40.00	37.00	3.00	40.00	0.00%	0.00%	0.00%
1st Floor										
UNKNOWN	W1/101	52.00	25.00	77.00	52.00	15.00	67.00	0.00%	40.00%	12.99%
UNKNOWN	W2/101	57.00	25.00	82.00	57.00	17.00	74.00	0.00%	32.00%	9.76%
UNKNOWN	W3/101	57.00	24.00	81.00	57.00	17.00	74.00	0.00%	29.17%	8.64%
UNKNOWN	W4/101	53.00	25.00	78.00	53.00	16.00	69.00	0.00%	36.00%	11.54%
2nd Floor										
UNKNOWN	W1/102	52.00	26.00	78.00	52.00	23.00	75.00	0.00%	11.54%	3.85%
UNKNOWN	W2/102	55.00	27.00	82.00	55.00	25.00	80.00	0.00%	7.41%	2.44%
3rd Floor										
UNKNOWN	W1/103	51.00	27.00	78.00	51.00	25.00	76.00	0.00%	7.41%	2.56%
UNKNOWN	W2/103	53.00	29.00	82.00	53.00	28.00	81.00	0.00%	3.45%	1.22%
54-56 Grafton Terrace MA127/13/BRE/157										
Gnd Floor										
UNKNOWN	W1/110	31.00	2.00	33.00	31.00	2.00	33.00	0.00%	0.00%	0.00%
UNKNOWN	W2/110	31.00	0.00	31.00	31.00	0.00	31.00	0.00%	0.00%	0.00%
1st Floor										
UNKNOWN	W1/111	54.00	26.00	80.00	54.00	17.00	71.00	0.00%	34.62%	11.25%
UNKNOWN	W2/111	57.00	26.00	83.00	57.00	17.00	74.00	0.00%	34.62%	10.84%
UNKNOWN	W3/111	57.00	26.00	83.00	57.00	18.00	75.00	0.00%	30.77%	9.64%
UNKNOWN	W4/111	51.00	26.00	77.00	51.00	18.00	69.00	0.00%	30.77%	10.39%
2nd Floor										
UNKNOWN	W1/112	56.00	28.00	84.00	56.00	26.00	82.00	0.00%	7.14%	2.38%
UNKNOWN	W2/112	54.00	28.00	82.00	54.00	26.00	80.00	0.00%	7.14%	2.44%
3rd Floor										
UNKNOWN	W1/113	55.00	29.00	84.00	55.00	28.00	83.00	0.00%	3.45%	1.19%
UNKNOWN	W2/113	53.00	29.00	82.00	53.00	28.00	81.00	0.00%	3.45%	1.22%

		Existing %			Proposed %					
Room use	Window Ref	Summer	Winter	Total	Summer	Winter	Total	% Loss of Summer	% Loss of Winter	% Loss of Total
Grafton Mews MA127/13/BRE/158										
Gnd Floor										
UNKNOWN	W1/120	34.00	12.00	46.00	21.00	12.00	33.00	38.24%	0.00%	28.26%
UNKNOWN	W2/120	34.00	12.00	46.00	23.00	12.00	35.00	32.35%	0.00%	23.91%
UNKNOWN	W3/120	33.00	11.00	44.00	25.00	11.00	36.00	24.24%	0.00%	18.18%
UNKNOWN	W4/120	33.00	11.00	44.00	28.00	11.00	39.00	15.15%	0.00%	11.36%
UNKNOWN	W5/120	33.00	11.00	44.00	29.00	11.00	40.00	12.12%	0.00%	9.09%
UNKNOWN	W6/120	33.00	11.00	44.00	30.00	11.00	41.00	9.09%	0.00%	6.82%
UNKNOWN	W7/120	33.00	11.00	44.00	31.00	11.00	42.00	6.06%	0.00%	4.55%
UNKNOWN	W8/120	32.00	11.00	43.00	31.00	11.00	42.00	3.13%	0.00%	2.33%
UNKNOWN	W9/120	31.00	10.00	41.00	30.00	10.00	40.00	3.23%	0.00%	2.44%
UNKNOWN	W10/120	30.00	13.00	43.00	30.00	13.00	43.00	0.00%	0.00%	0.00%
UNKNOWN	W11/120	29.00	14.00	43.00	29.00	14.00	43.00	0.00%	0.00%	0.00%
UNKNOWN	W12/120	30.00	15.00	45.00	30.00	15.00	45.00	0.00%	0.00%	0.00%
1st Floor										
UNKNOWN	W1/121	22.00	9.00	31.00	10.00	9.00	19.00	54.55%	0.00%	38.71%
UNKNOWN	W2/121	22.00	9.00	31.00	10.00	9.00	19.00	54.55%	0.00%	38.71%
UNKNOWN	W3/121	22.00	9.00	31.00	11.00	9.00	20.00	50.00%	0.00%	35.48%
UNKNOWN	W4/121	22.00	9.00	31.00	11.00	9.00	20.00	50.00%	0.00%	35.48%
UNKNOWN	W5/121	22.00	9.00	31.00	14.00	9.00	23.00	36.36%	0.00%	25.81%
UNKNOWN	W6/121	22.00	9.00	31.00	15.00	9.00	24.00	31.82%	0.00%	22.58%
UNKNOWN	W7/121	20.00	8.00	28.00	14.00	8.00	22.00	30.00%	0.00%	21.43%
UNKNOWN	W8/121	21.00	8.00	29.00	16.00	8.00	24.00	23.81%	0.00%	17.24%
UNKNOWN	W9/121	21.00	8.00	29.00	16.00	8.00	24.00	23.81%	0.00%	17.24%
UNKNOWN	W10/121	21.00	7.00	28.00	17.00	7.00	24.00	19.05%	0.00%	14.29%
UNKNOWN	W11/121	21.00	8.00	29.00	19.00	8.00	27.00	9.52%	0.00%	6.90%
UNKNOWN	W12/121	21.00	8.00	29.00	19.00	8.00	27.00	9.52%	0.00%	6.90%
UNKNOWN	W13/121	21.00	9.00	30.00	19.00	8.00	27.00	9.52%	11.11%	10.00%
UNKNOWN	W14/121	21.00	8.00	29.00	20.00	7.00	27.00	4.76%	12.50%	6.90%
UNKNOWN	W15/121	21.00	10.00	31.00	20.00	9.00	29.00	4.76%	10.00%	6.45%
UNKNOWN	W16/121	21.00	9.00	30.00	20.00	9.00	29.00	4.76%	0.00%	3.33%
UNKNOWN	W17/121	20.00	9.00	29.00	19.00	9.00	28.00	5.00%	0.00%	3.45%
UNKNOWN	W18/121	19.00	9.00	28.00	19.00	9.00	28.00	0.00%	0.00%	0.00%
UNKNOWN	W19/121	19.00	10.00	29.00	19.00	10.00	29.00	0.00%	0.00%	0.00%
UNKNOWN	W20/121	18.00	10.00	28.00	18.00	10.00	28.00	0.00%	0.00%	0.00%
UNKNOWN	W21/121	17.00	10.00	27.00	17.00	10.00	27.00	0.00%	0.00%	0.00%
UNKNOWN	W22/121	17.00	10.00	27.00	17.00	10.00	27.00	0.00%	0.00%	0.00%
UNKNOWN	W23/121	18.00	12.00	30.00	18.00	12.00	30.00	0.00%	0.00%	0.00%
2nd Floor										
UNKNOWN	W1/122	30.00	13.00	43.00	19.00	12.00	31.00	36.67%	7.69%	27.91%
UNKNOWN	W2/122	30.00	13.00	43.00	22.00	12.00	34.00	26.67%	7.69%	20.93%
UNKNOWN	W3/122	30.00	13.00	43.00	23.00	13.00	36.00	23.33%	0.00%	16.28%
UNKNOWN	W4/122	26.00	11.00	37.00	21.00	11.00	32.00	19.23%	0.00%	13.51%
UNKNOWN	W5/122	29.00	12.00	41.00	24.00	12.00	36.00	17.24%	0.00%	12.20%
UNKNOWN	W6/122	29.00	12.00	41.00	27.00	12.00	39.00	6.90%	0.00%	4.88%
UNKNOWN	W7/122	29.00	11.00	40.00	28.00	11.00	39.00	3.45%	0.00%	2.50%
UNKNOWN	W8/122	29.00	14.00	43.00	28.00	13.00	41.00	3.45%	7.14%	4.65%
UNKNOWN	W9/122	29.00	13.00	42.00	29.00	13.00	42.00	0.00%	0.00%	0.00%
UNKNOWN	W12/122	27.00	12.00	39.00	27.00	12.00	39.00	0.00%	0.00%	0.00%

		Existing %			Proposed %					
Room use	Window Ref	Summer	Winter	Total	Summer	Winter	Total	% Loss of Summer	% Loss of Winter	% Loss of Total
3rd Floor										
UNKNOWN	W1/123	27.00	12.00	39.00	20.00	11.00	31.00	25.93%	8.33%	20.51%
UNKNOWN	W2/123	27.00	12.00	39.00	20.00	11.00	31.00	25.93%	8.33%	20.51%
UNKNOWN	W3/123	27.00	11.00	38.00	20.00	10.00	30.00	25.93%	9.09%	21.05%
UNKNOWN	W4/123	27.00	11.00	38.00	21.00	10.00	31.00	22.22%	9.09%	18.42%
UNKNOWN	W5/123	27.00	11.00	38.00	21.00	12.00	33.00	22.22%	-9.09%	13.16%
UNKNOWN	W6/123	27.00	11.00	38.00	21.00	12.00	33.00	22.22%	-9.09%	13.16%
UNKNOWN	W7/123	27.00	11.00	38.00	21.00	11.00	32.00	22.22%	0.00%	15.79%
UNKNOWN	W8/123	26.00	11.00	37.00	23.00	11.00	34.00	11.54%	0.00%	8.11%
UNKNOWN	W9/123	26.00	11.00	37.00	24.00	11.00	35.00	7.69%	0.00%	5.41%
UNKNOWN	W10/123	26.00	11.00	37.00	24.00	11.00	35.00	7.69%	0.00%	5.41%
UNKNOWN	W11/123	26.00	11.00	37.00	24.00	11.00	35.00	7.69%	0.00%	5.41%
UNKNOWN	W12/123	26.00	11.00	37.00	25.00	11.00	36.00	3.85%	0.00%	2.70%
UNKNOWN	W13/123	26.00	12.00	38.00	25.00	12.00	37.00	3.85%	0.00%	2.63%
UNKNOWN	W14/123	26.00	12.00	38.00	25.00	11.00	36.00	3.85%	8.33%	5.26%
UNKNOWN	W15/123	26.00	13.00	39.00	25.00	12.00	37.00	3.85%	7.69%	5.13%
UNKNOWN	W16/123	26.00	13.00	39.00	26.00	12.00	38.00	0.00%	7.69%	2.56%
UNKNOWN	W17/123	26.00	11.00	37.00	26.00	11.00	37.00	0.00%	0.00%	0.00%
UNKNOWN	W18/123	26.00	11.00	37.00	26.00	11.00	37.00	0.00%	0.00%	0.00%
UNKNOWN	W19/123	25.00	12.00	37.00	25.00	12.00	37.00	0.00%	0.00%	0.00%
UNKNOWN	W20/123	25.00	12.00	37.00	25.00	12.00	37.00	0.00%	0.00%	0.00%
UNKNOWN	W21/123	25.00	12.00	37.00	25.00	12.00	37.00	0.00%	0.00%	0.00%
UNKNOWN	W22/123	26.00	12.00	38.00	26.00	12.00	38.00	0.00%	0.00%	0.00%
UNKNOWN	W23/123	27.00	15.00	42.00	27.00	15.00	42.00	0.00%	0.00%	0.00%

Appendix II



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Sources of Information
Survey from Format
13101 - 002 Rev A
13101 - 003 Rev A

INFO 20 SEPT 2019
MPI-AV-R-DR-A-2016-C.dwg
MPI-GT-R-DR-A-2025-C.dwg
MPI-GT-ZZ-DR-A-2621-B.dwg
MPI-AV-ZZ-DR-A-2612-A.dwg

**AVISON
YOUNG**

08449 02 03 04
65 Gresham Street, London, EC2V 7NQ
www.gva.co.uk

Project Name

Maitland Park
London

Client

London Borough of Camden

Drawing Title

PROPOSED CONDITION
3D VIEW

Drawn By

RT

Chk'd By

Scale @ A3

1/1000

Date

26 SEPT 2019

Project No.

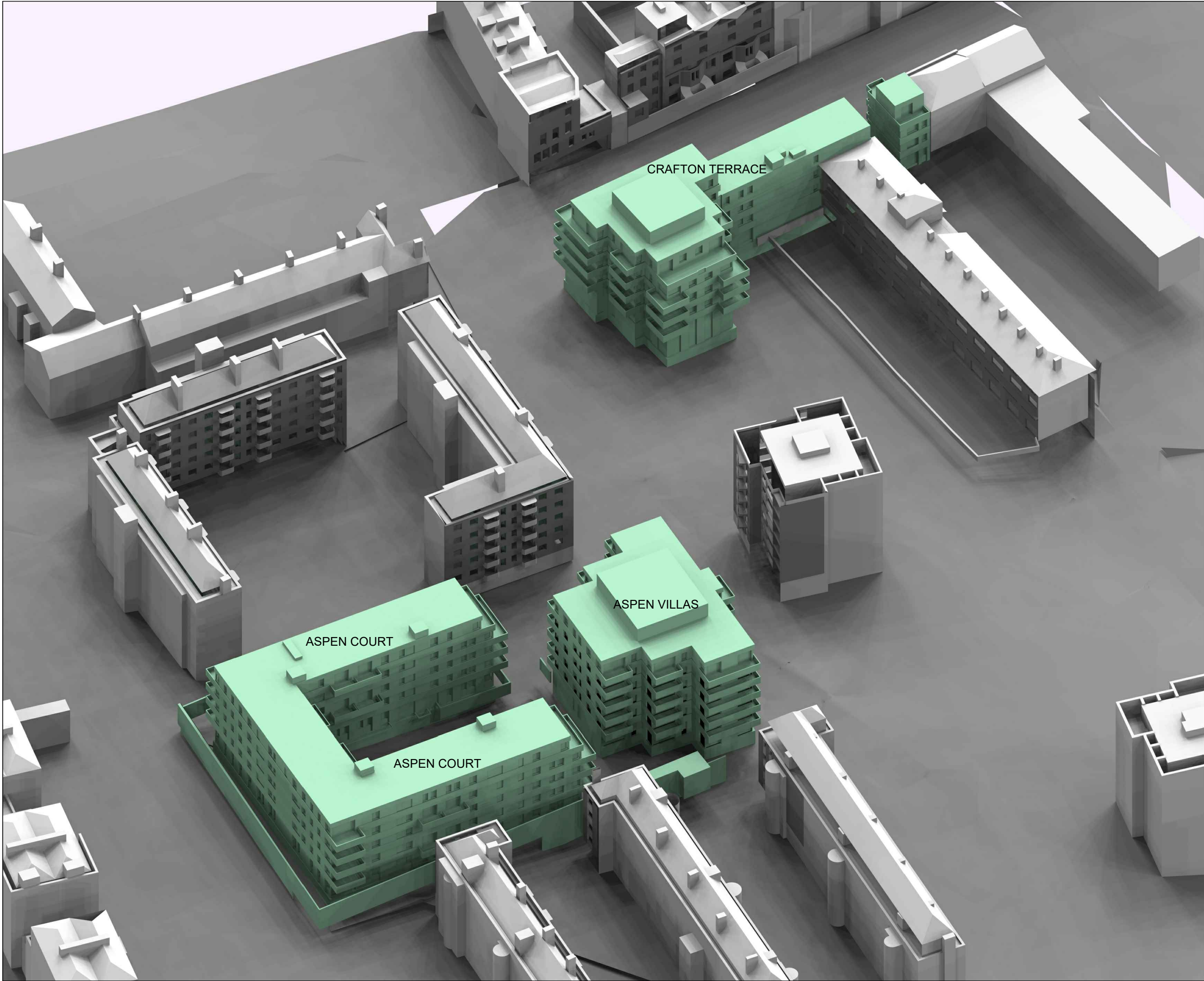
MA127_14

Drawing No.

BRE_159

Revision

-



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Sources of Information

Survey from Format
13101 - 002 Rev A
13101 - 003 Rev A

INFO 20 SEPT 2019
MPI-AV-R-DR-A-2016-C.dwg
MPI-GT-R-DR-A-2025-C.dwg
MPI-GT-ZZ-DR-A-2621-B.dwg
MPI-AV-ZZ-DR-A-2612-A.dwg



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65 Gresham Street, London, EC2V 7NQ
www.gva.co.uk

Project Name

Maitland Park
London

Client

London Borough of Camden

Drawing Title

PROPOSED CONDITION
3D VIEW

Drawn By

RT

Chk'd By

NTS

Scale @ A3

NTS

Date

26 SEPT 2019

Project No.

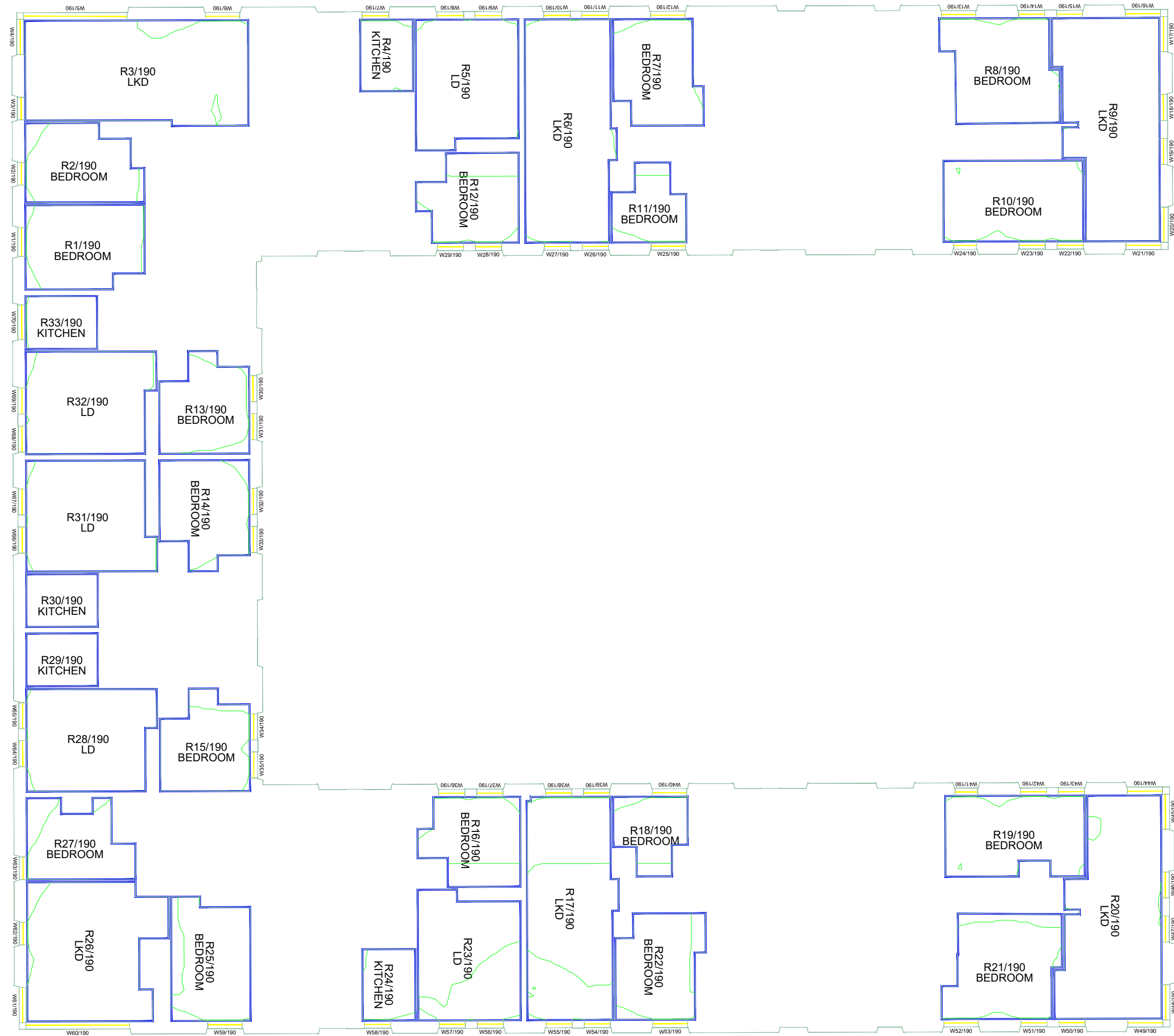
MA127_14

Drawing No.

BRE_160

Revision

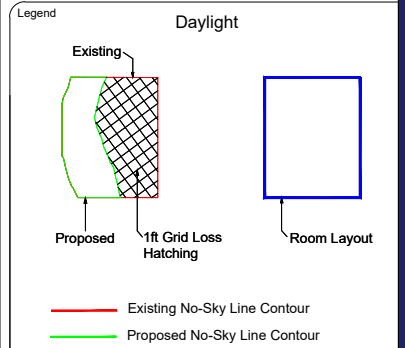
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Ground Floor

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Sources of Information
Survey from Format
13101 - 002 Rev A
13101 - 003 Rev A

INFO 20 SEPT 2019
MPI-AV-R-DR-A-2016-C.dwg
MPI-GT-R-DR-A-2025-C.dwg
MPI-GT-ZZ-DR-A-2621-B.dwg
MPI-AV-ZZ-DR-A-2612-A.dwg

**AVISON
YOUNG**

08449 02 03 04
65 Gresham Street, London, EC2V 7NQ
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Project Name
Maitland Park
London

Client
London Borough of Camden

Drawing Title
NO SKYLINE CONTOURS
ASPEN COURT

Drawn By
RT

Chk'd By
1/100

Scale @ A3
1/100

Date
26 SEPT 2019

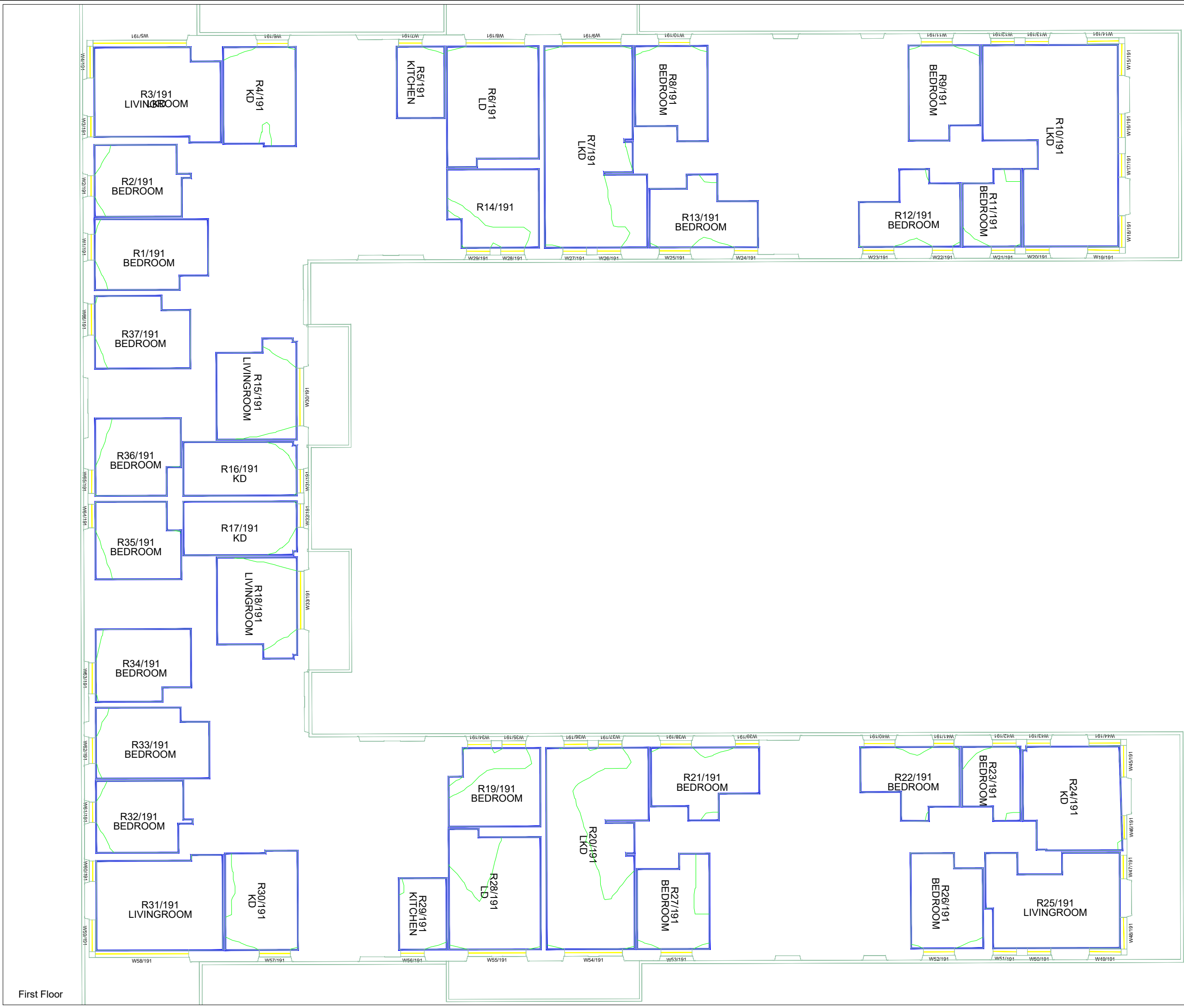
Project No.
MA127_14

Drawing No.
BRE_161

Revision
-

Daylight

A3



First Floor

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Legend

Daylight

Existing

Proposed

Existing No-Sky Line Contour

Proposed No-Sky Line Contour

1ft Grid Loss Hatching

Room Layout

Sources of Information
Survey from Format
13101 - 002 Rev A
13101 - 003 Rev A

INFO 20 SEPT 2019
MPI-AV-R-DR-A-2016-C.dwg
MPI-GT-R-DR-A-2025-C.dwg
MPI-GT-ZZ-DR-A-2621-B.dwg
MPI-AV-ZZ-DR-A-2612-A.dwg

AVISON YOUNG

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65 Gresham Street, London, EC2V 7NQ
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Project Name
Maitland Park
London

Client
London Borough of Camden

Drawing Title
NO SKYLINE CONTOURS
ASPEN COURT

Drawn By
RT

Chk'd By

Scale @ A3
1/150

Date
26 SEPT 2019

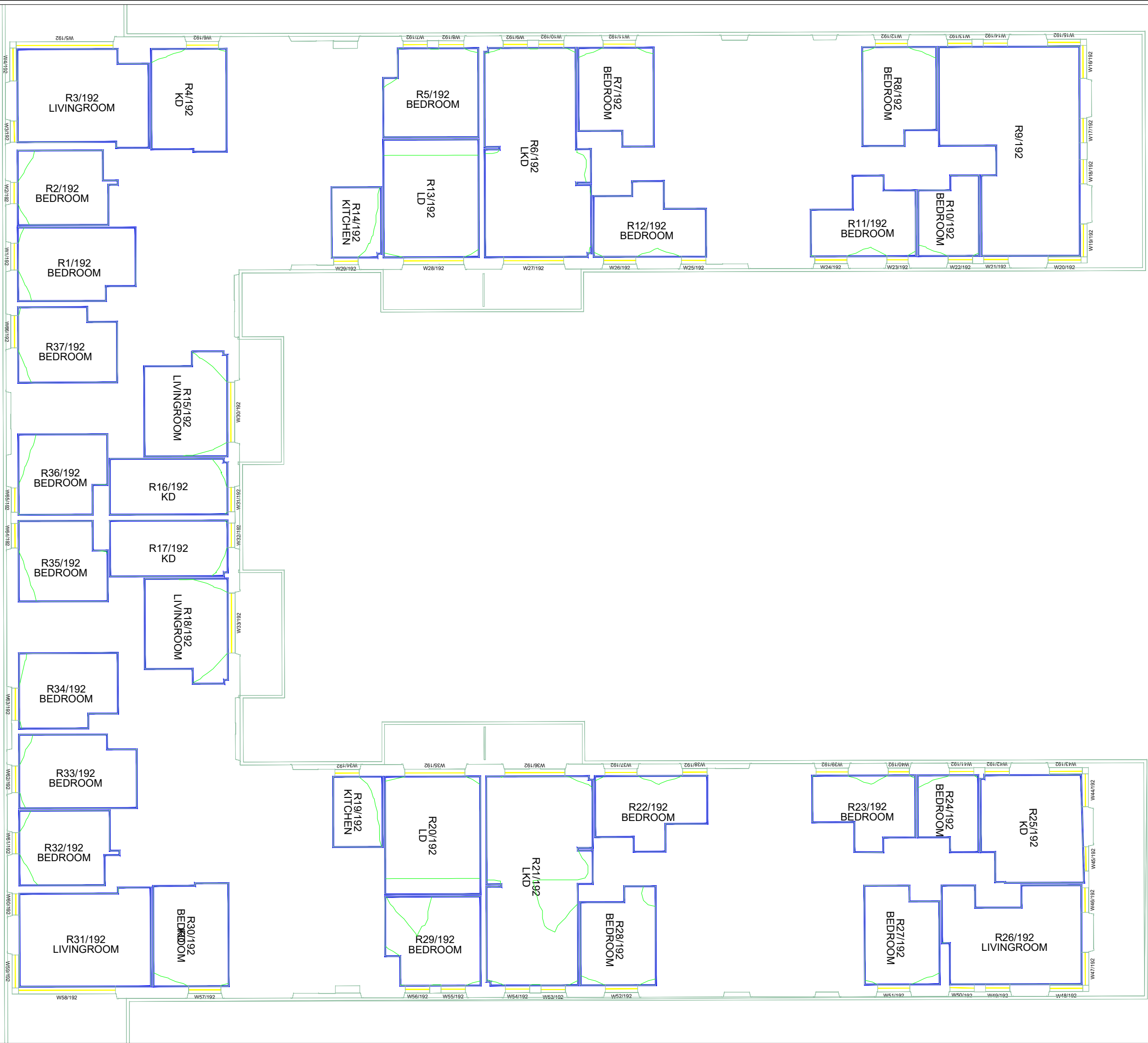
Project No.
MA127_14

Drawing No.
BRE_162

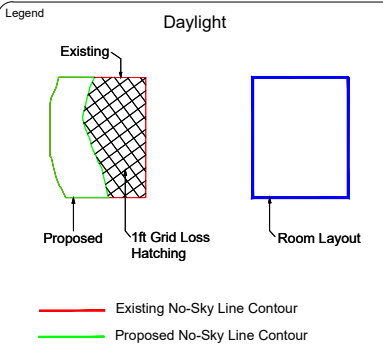
Revision
-

Daylight

A3



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Sources of Information
Survey from Format
13101 - 002 Rev A
13101 - 003 Rev A

INFO 20 SEPT 2019
MPI-AV-R-DR-A-2016-C.dwg
MPI-GT-R-DR-A-2025-C.dwg
MPI-GT-ZZ-DR-A-2621-B.dwg
MPI-AV-ZZ-DR-A-2612-A.dwg



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Project Name
Maitland Park
London

Client
London Borough of Camden

Drawing Title
NO SKYLINE CONTOURS
ASPEN COURT

Drawn By
RT

Chk'd By
1/150

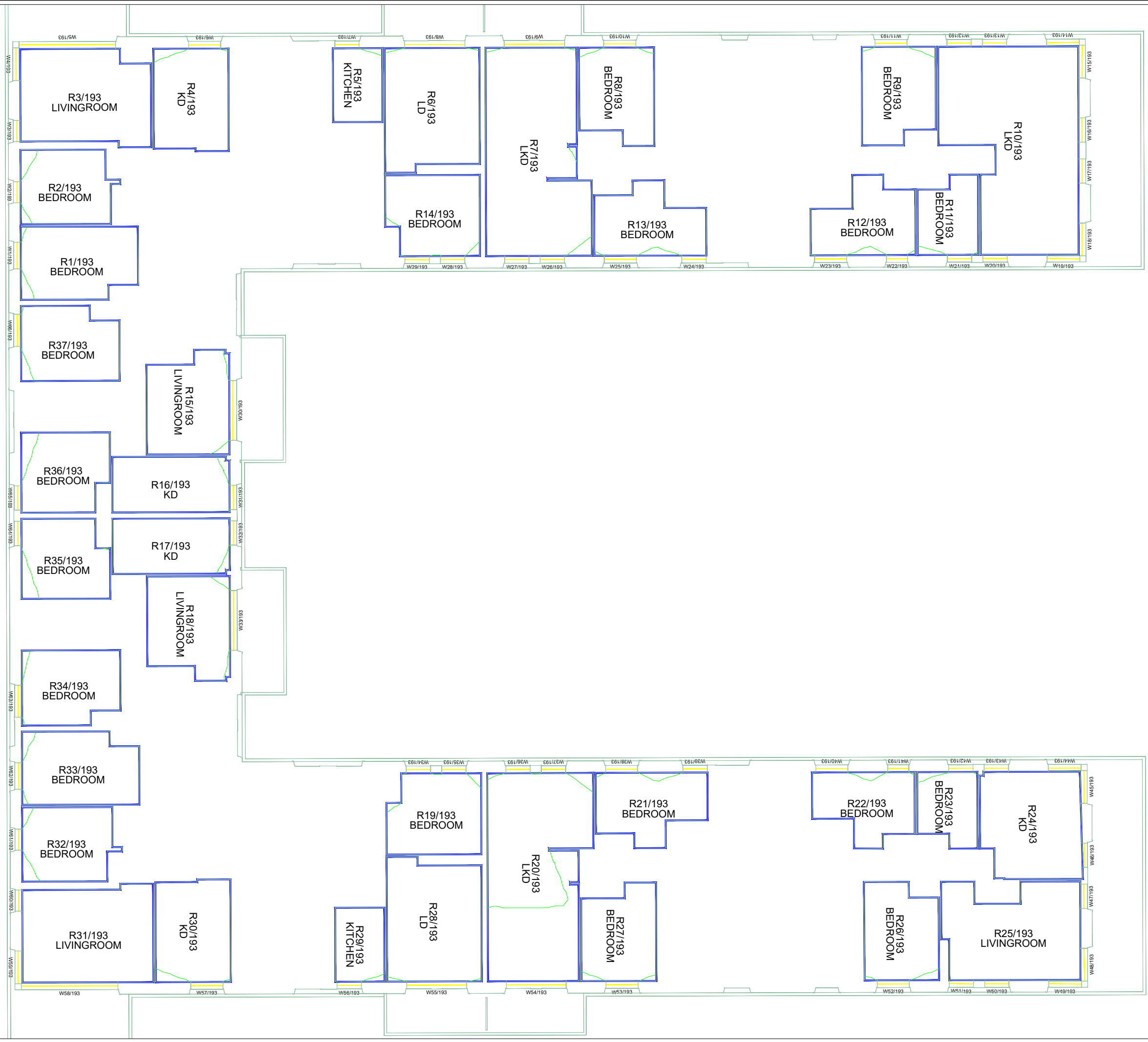
Scale @ A3
1/150

Date
26 SEPT 2019

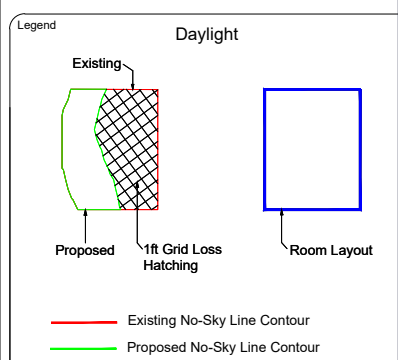
Project No.
MA127_14

Drawing No.
BRE_163

Revision
-



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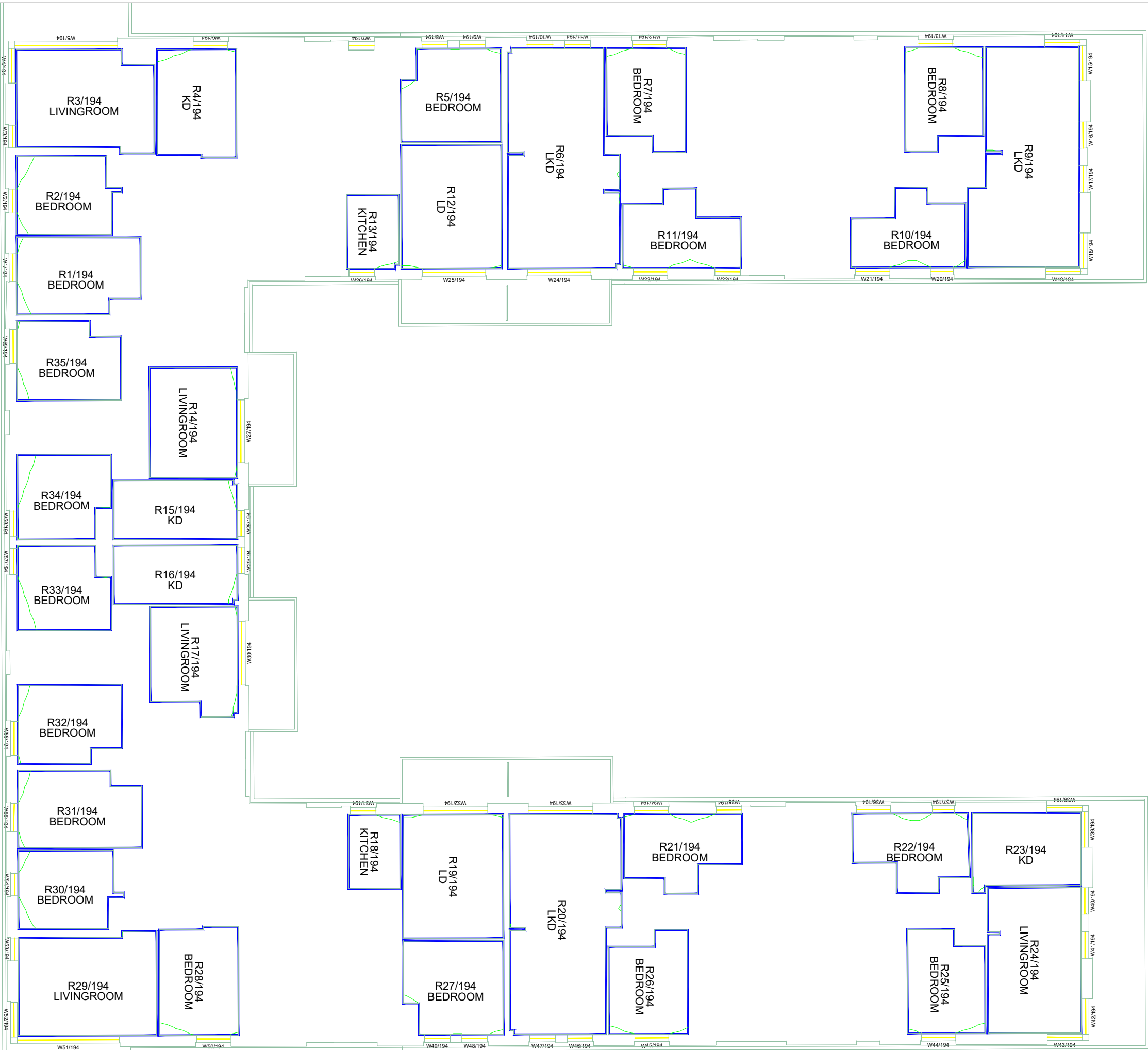
Sources of Information
Survey from Format
13101 - 002 Rev A
13101 - 003 Rev A

INFO 20 SEPT 2019
MPI-AV-R-DR-A-2016-C.dwg
MPI-GT-R-DR-A-2025-C.dwg
MPI-GT-ZZ-DR-A-2621-B.dwg
MPI-AV-ZZ-DR-A-2612-A.dwg

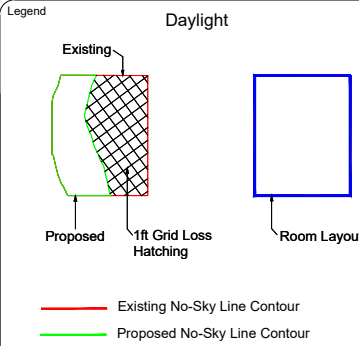
AVISON YOUNG

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Project Name Maitland Park London			
Client London Borough of Camden			
Drawing Title NO SKYLINE CONTOURS ASPEN COURT			
Drawn By RT	Chk'd By	Scale @ A3 1/150	Date 26 SEPT 2019
Project No. MA127_14	Drawing No. BRE_164	Revision -	



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Sources of Information
Survey from Format
13101 - 002 Rev A
13101 - 003 Rev A

INFO 20 SEPT 2019
MPI-AV-R-DR-A-2016-C.dwg
MPI-GT-R-DR-A-2025-C.dwg
MPI-GT-ZZ-DR-A-2621-B.dwg
MPI-AV-ZZ-DR-A-2612-A.dwg



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Project Name
Maitland Park
London

Client
London Borough of Camden

Drawing Title
NO SKYLINE CONTOURS
ASPEN COURT

Drawn By
RT

Chk'd By

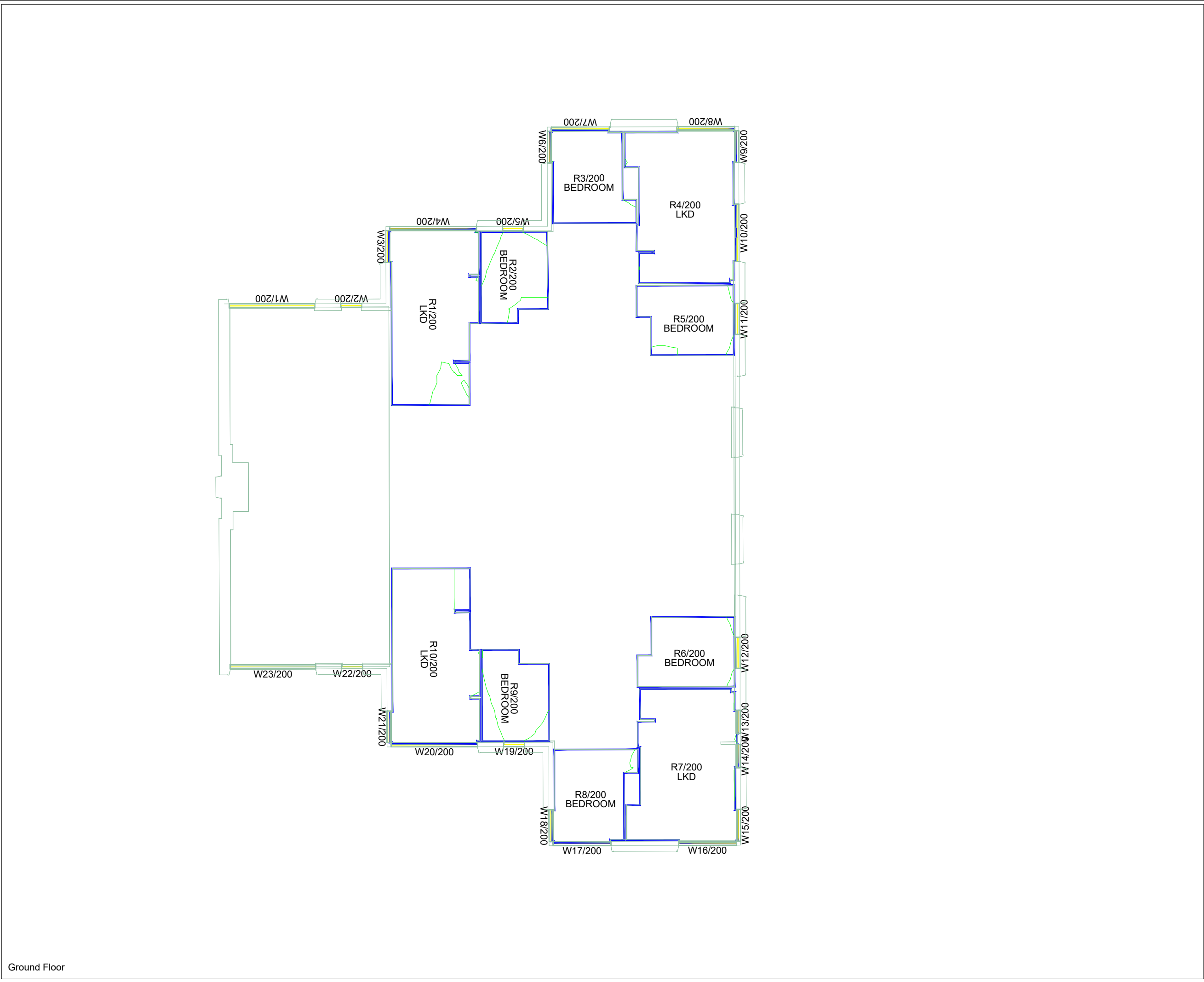
Scale @ A3
1/150

Date
26 SEPT 2019

Project No.
MA127_14

Drawing No.
BRE_165

Revision
-



Ground Floor

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Legend

Daylight

Existing

Proposed

1ft Grid Loss Hatching

Room Layout

Existing No-Sky Line Contour

Proposed No-Sky Line Contour

Sources of Information
Survey from Format
13101 - 002 Rev A
13101 - 003 Rev A

INFO 20 SEPT 2019
MPI-AV-R-DR-A-2016-C.dwg
MPI-GT-R-DR-A-2025-C.dwg
MPI-GT-ZZ-DR-A-2621-B.dwg
MPI-AV-ZZ-DR-A-2612-A.dwg

AVISON YOUNG

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Project Name
Maitland Park
London

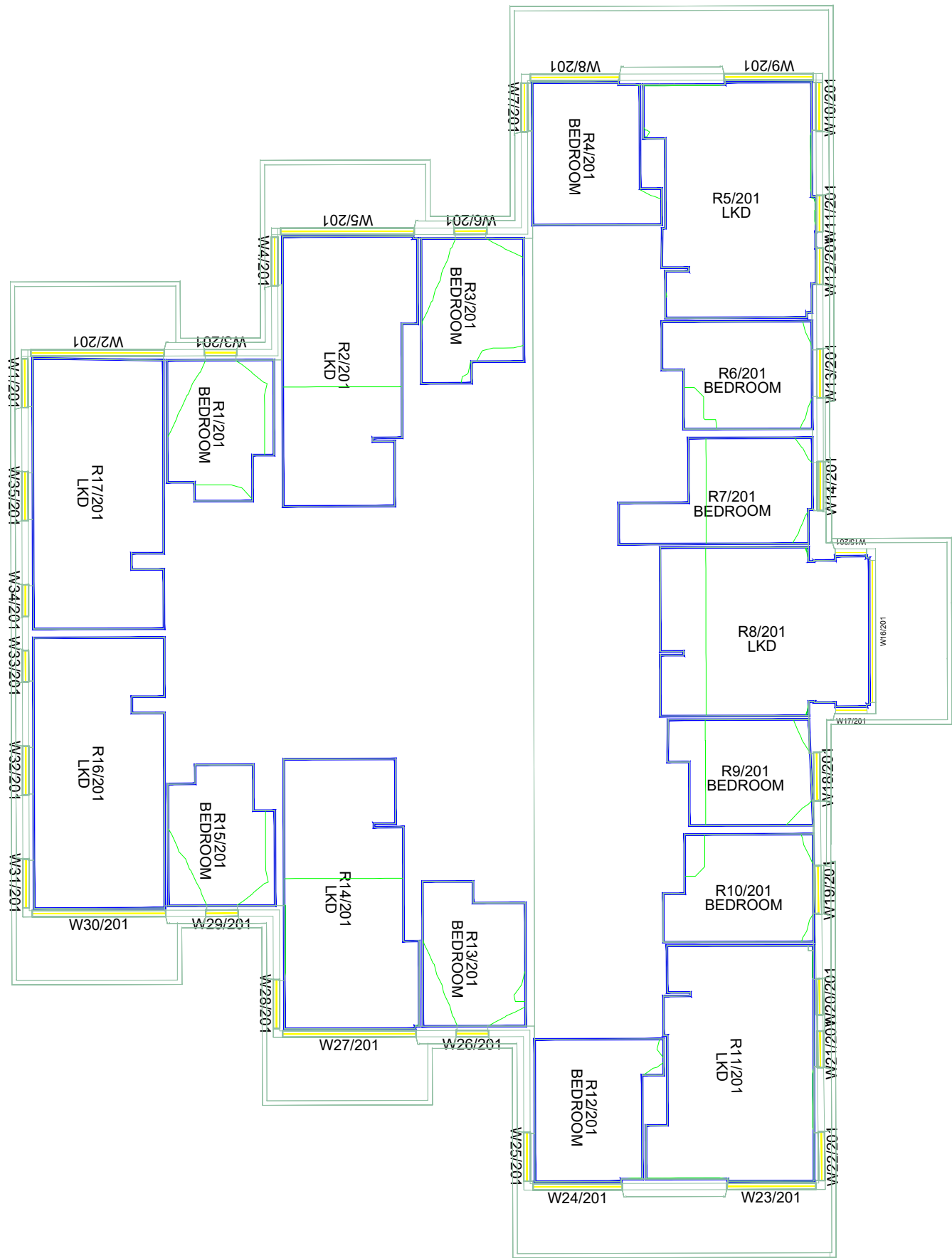
Client
London Borough of Camden

Drawing Title
NO SKYLINE CONTOURS
ASPEN VILLAS

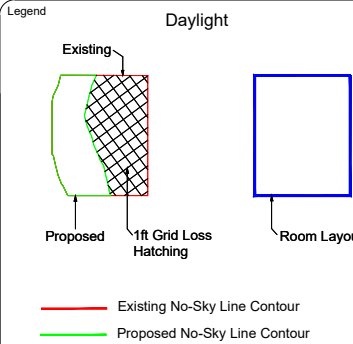
Drawn By RT	Chk'd By	Scale @ A3 1/150	Date 26 SEPT 2019
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Project No. MA127_14	Drawing No. BRE_166	Revision -
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A3



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Sources of Information
Survey from Format
13101 - 002 Rev A
13101 - 003 Rev A

INFO 20 SEPT 2019
MPI-AV-R-DR-A-2016-C.dwg
MPI-GT-R-DR-A-2025-C.dwg
MPI-GT-ZZ-DR-A-2621-B.dwg
MPI-AV-ZZ-DR-A-2612-A.dwg



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Project Name
Maitland Park
London

Client
London Borough of Camden

Drawing Title
NO SKYLINE CONTOURS
ASPEN VILLAS

Drawn By
RT

Chk'd By

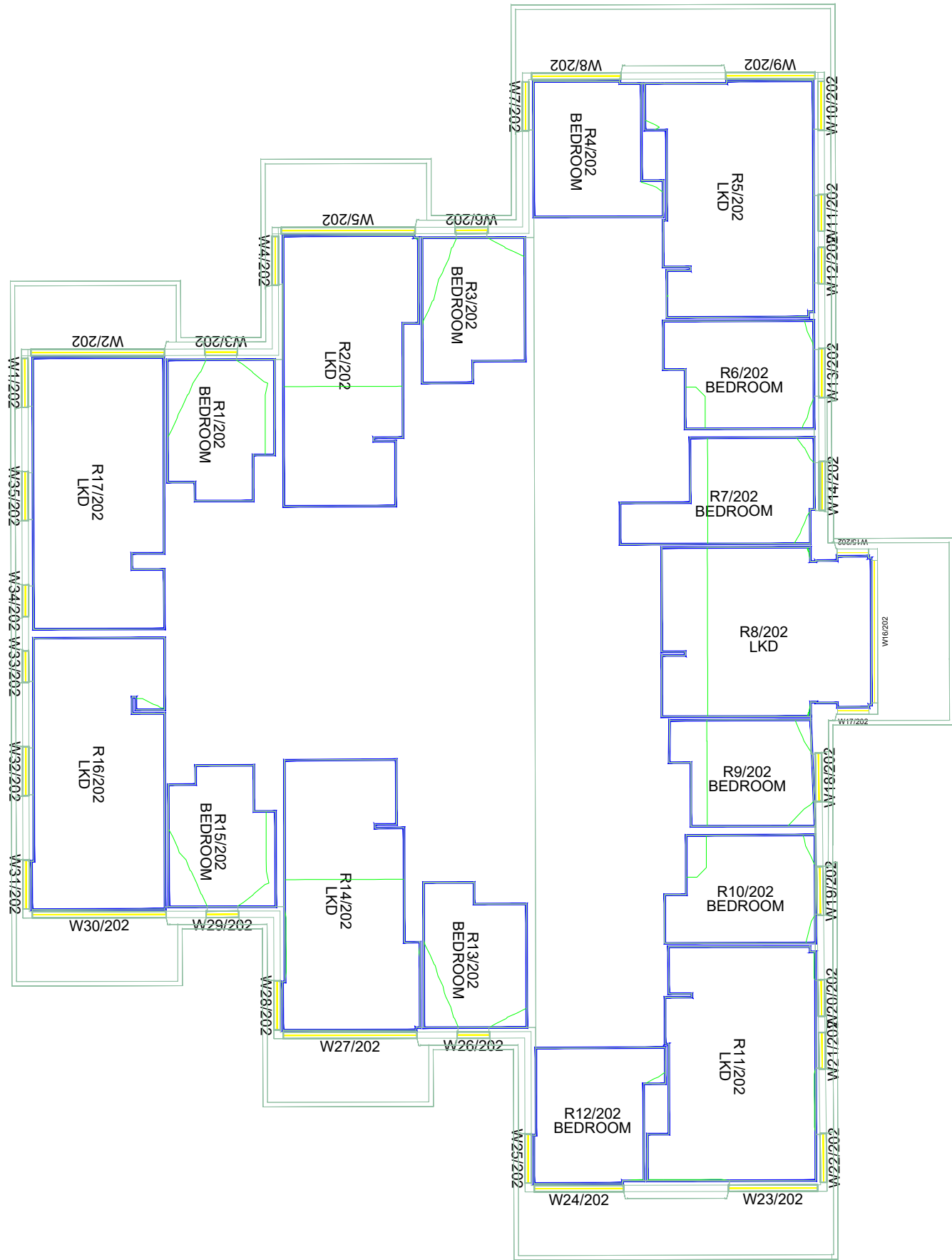
Scale @ A3
1/150

Date
26 SEPT 2019

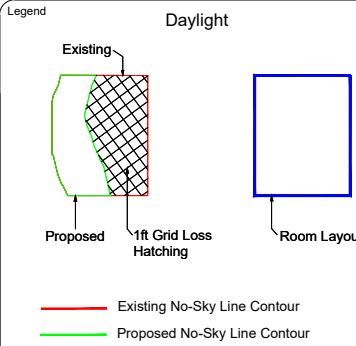
Project No.
MA127_14

Drawing No.
BRE_167

Revision
-



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Sources of Information
Survey from Format
13101 - 002 Rev A
13101 - 003 Rev A

INFO 20 SEPT 2019
MPI-AV-R-DR-A-2016-C.dwg
MPI-GT-R-DR-A-2025-C.dwg
MPI-GT-ZZ-DR-A-2621-B.dwg
MPI-AV-ZZ-DR-A-2612-A.dwg



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Project Name
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Client
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Drawing Title
NO SKYLINE CONTOURS
ASPEN VILLAS

Drawn By
RT

Chk'd By

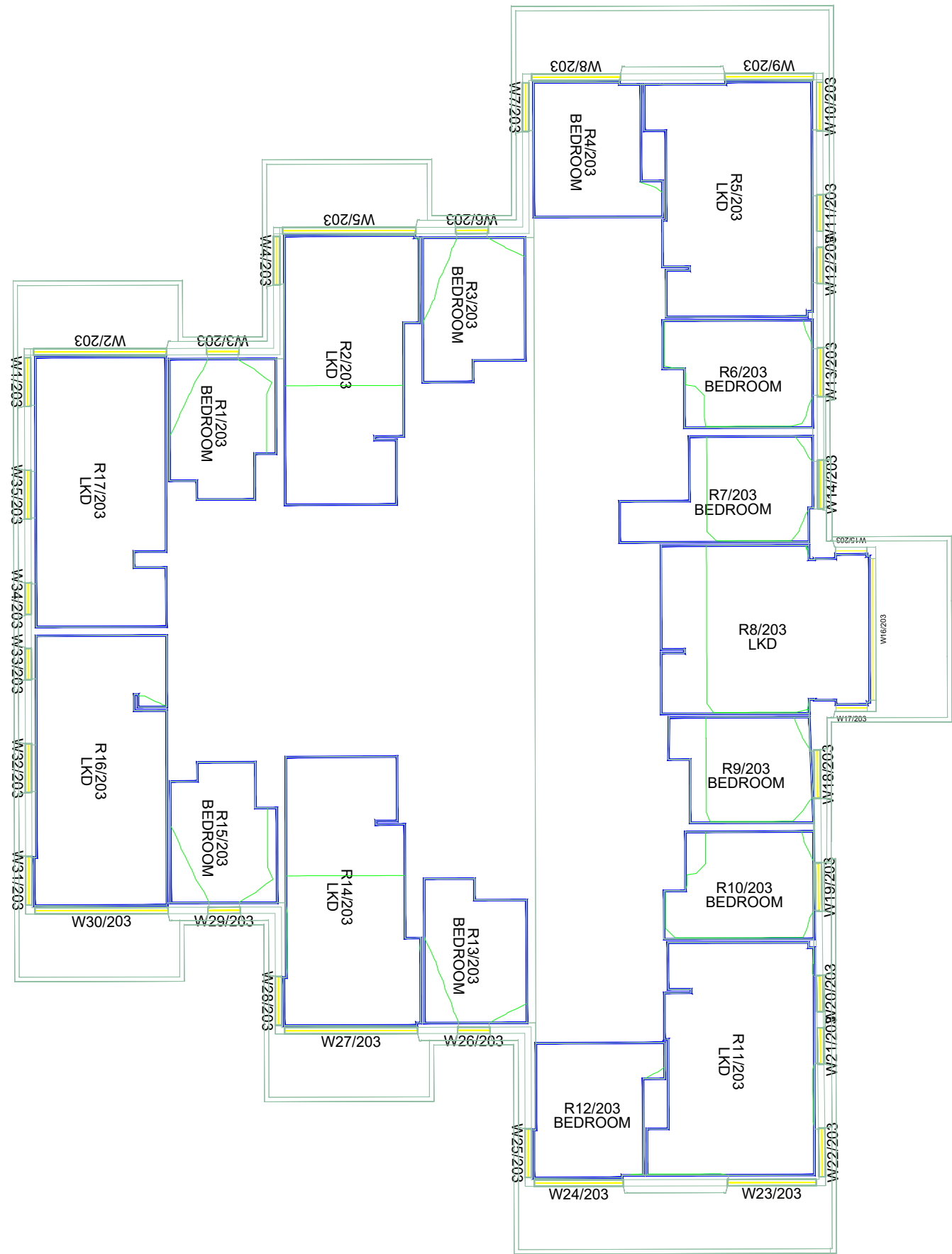
Scale @ A3
1/150

Date
26 SEPT 2019

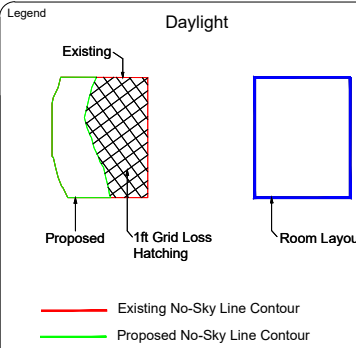
Project No.
MA127_14

Drawing No.
BRE_168

Revision
-



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Sources of Information
Survey from Format
13101 - 002 Rev A
13101 - 003 Rev A

INFO 20 SEPT 2019
MPI-AV-R-DR-A-2016-C.dwg
MPI-GT-R-DR-A-2025-C.dwg
MPI-GT-ZZ-DR-A-2621-B.dwg
MPI-AV-ZZ-DR-A-2612-A.dwg



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Project Name
Maitland Park
London

Client
London Borough of Camden

Drawing Title
NO SKYLINE CONTOURS
ASPEN VILLAS

Drawn By
RT

Chk'd By

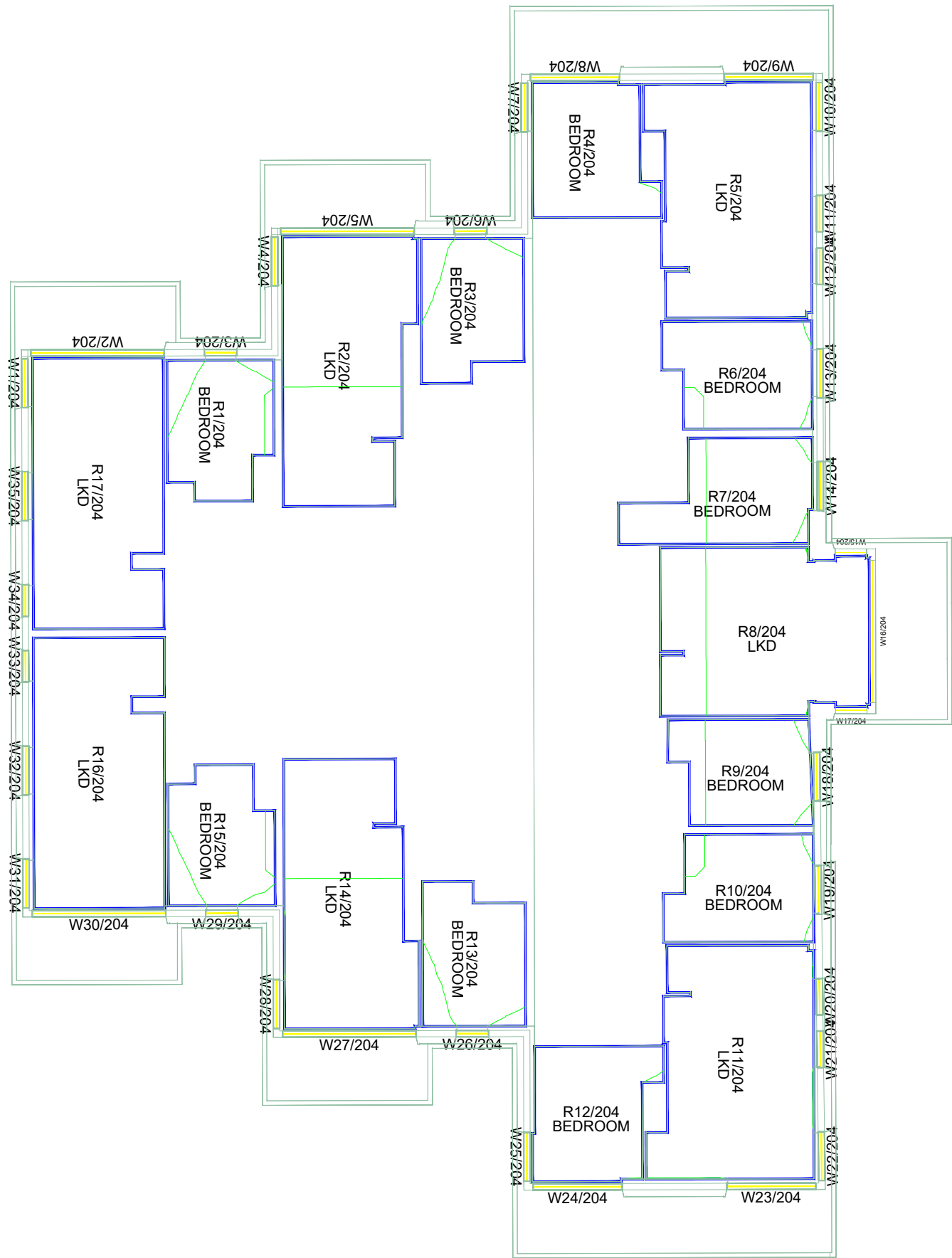
Scale @ A3
1/150

Date
26 SEPT 2019

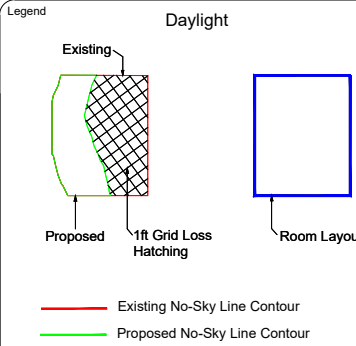
Project No.
MA127_14

Drawing No.
BRE_169

Revision
-



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Sources of Information
Survey from Format
13101 - 002 Rev A
13101 - 003 Rev A

INFO 20 SEPT 2019
MPI-AV-R-DR-A-2016-C.dwg
MPI-GT-R-DR-A-2025-C.dwg
MPI-GT-ZZ-DR-A-2621-B.dwg
MPI-AV-ZZ-DR-A-2612-A.dwg



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London

Client
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Drawing Title
NO SKYLINE CONTOURS
ASPEN VILLAS

Drawn By
RT

Chk'd By

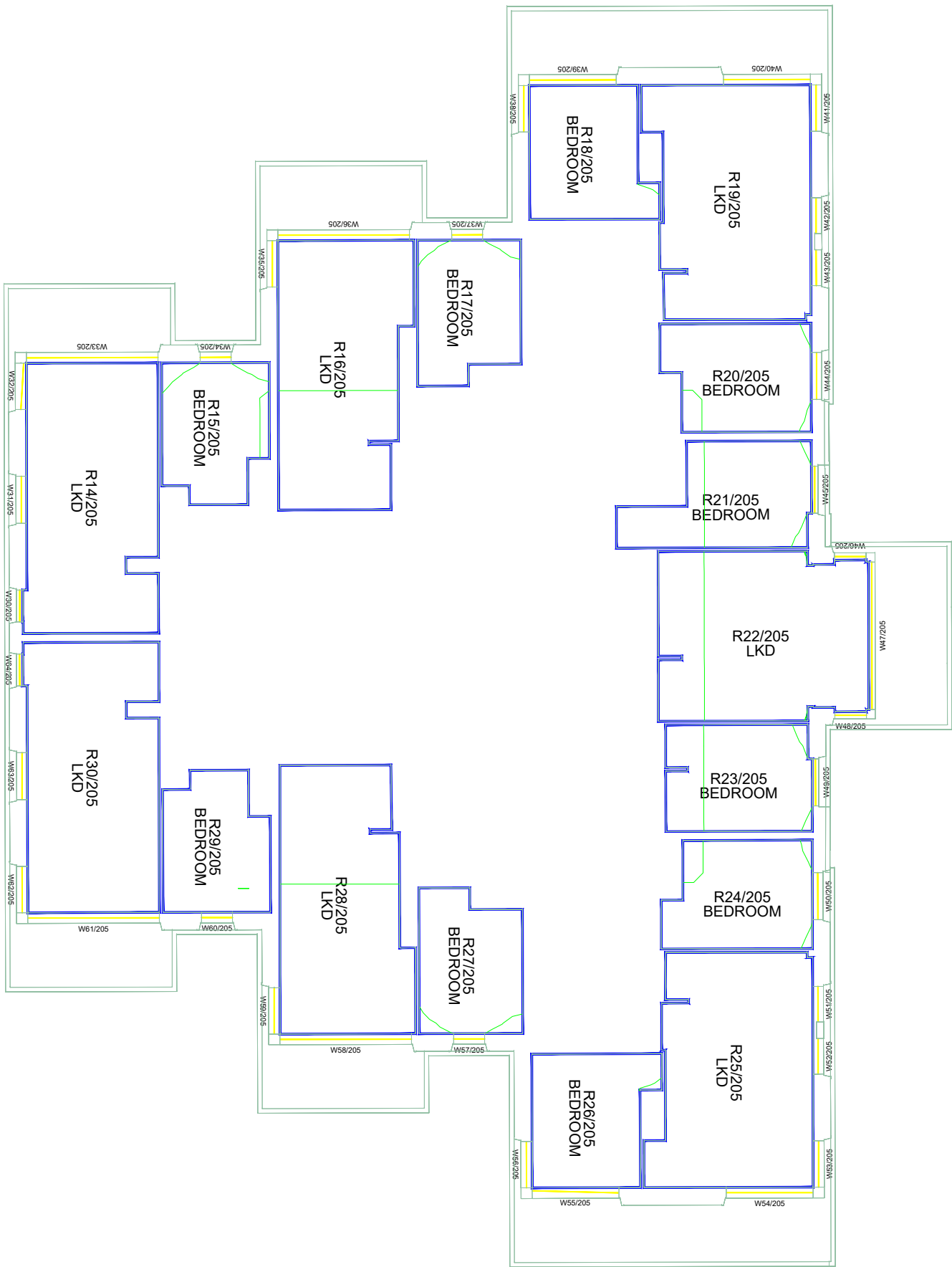
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1/150

Date
26 SEPT 2019

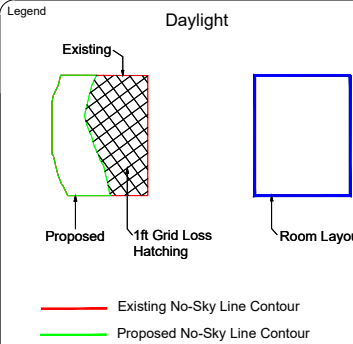
Project No.
MA127_14

Drawing No.
BRE_170

Revision
-



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Sources of Information
Survey from Format
13101 - 002 Rev A
13101 - 003 Rev A

INFO 20 SEPT 2019
MPI-AV-R-DR-A-2016-C.dwg
MPI-GT-R-DR-A-2025-C.dwg
MPI-GT-ZZ-DR-A-2621-B.dwg
MPI-AV-ZZ-DR-A-2612-A.dwg



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London

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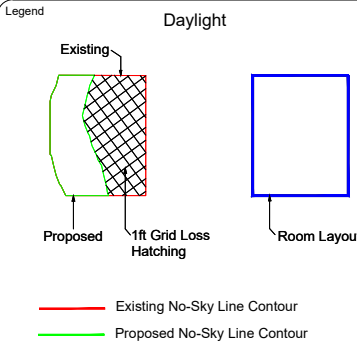
Drawing Title
NO SKYLINE CONTOURS
ASPEN VILLAS

Drawn By RT	Chk'd By 	Scale @ A3 1/150	Date 26 SEPT 2019
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Project No. MA127_14	Drawing No. BRE_171	Revision -
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Sources of Information
Survey from Format
13101 - 002 Rev A
13101 - 003 Rev A

INFO 20 SEPT 2019
MPI-AV-R-DR-A-2016-C.dwg
MPI-GT-R-DR-A-2025-C.dwg
MPI-GT-ZZ-DR-A-2621-B.dwg
MPI-AV-ZZ-DR-A-2612-A.dwg



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Drawing Title
NO SKYLINE CONTOURS
GRAFTON TERRACE

Drawn By
RT

Chk'd By

Scale @ A3
1/150

Date
26 SEPT 2019

Project No.
MA127_14

Drawing No.
BRE_172

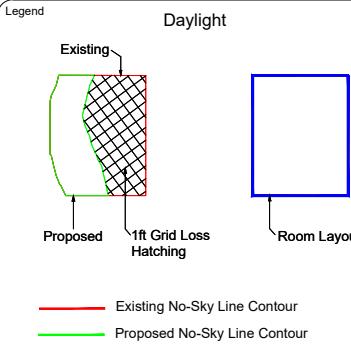
Revision
-

Daylight

A3

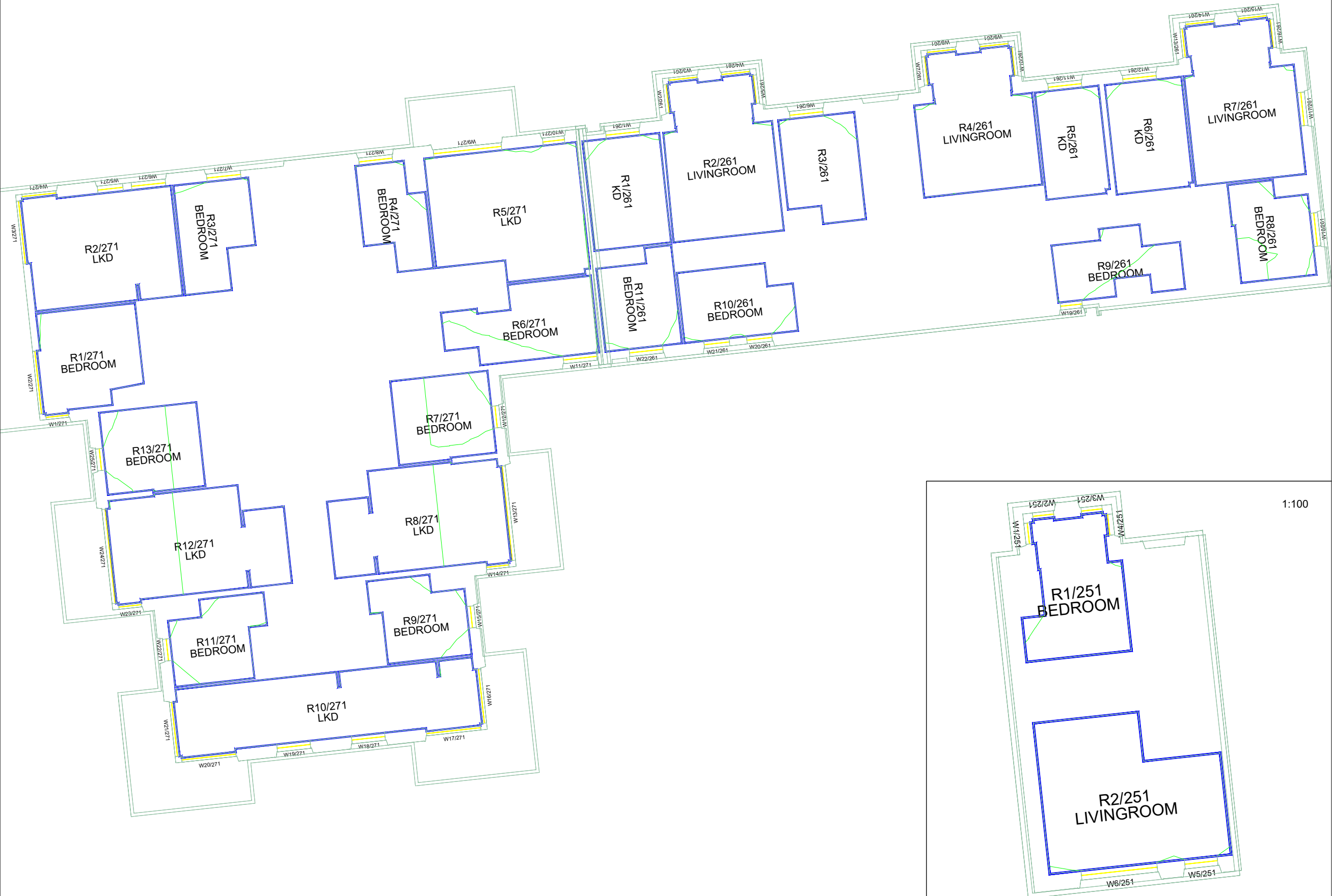


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Sources of Information
Survey from Format
13101 - 002 Rev A
13101 - 003 Rev A

INFO 20 SEPT 2019
MPI-AV-R-DR-A-2016-C.dwg
MPI-GT-R-DR-A-2025-C.dwg
MPI-GT-ZZ-DR-A-2621-B.dwg
MPI-AV-ZZ-DR-A-2612-A.dwg



First Floor

First Floor

**AVISON
YOUNG**

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Project Name
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London

Client
London Borough of Camden

Drawing Title
NO SKYLINE CONTOURS
GRAFTON TERRACE

Drawn By
RT

Chk'd By
1/150

Scale @ A3
1/150

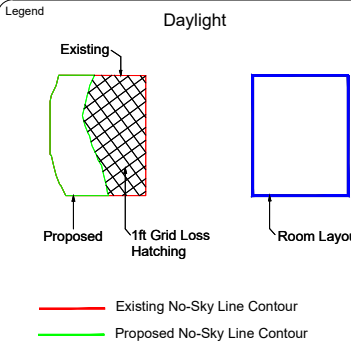
Date
26 SEPT 2019

Project No.
MA127_14

Drawing No.
BRE_173

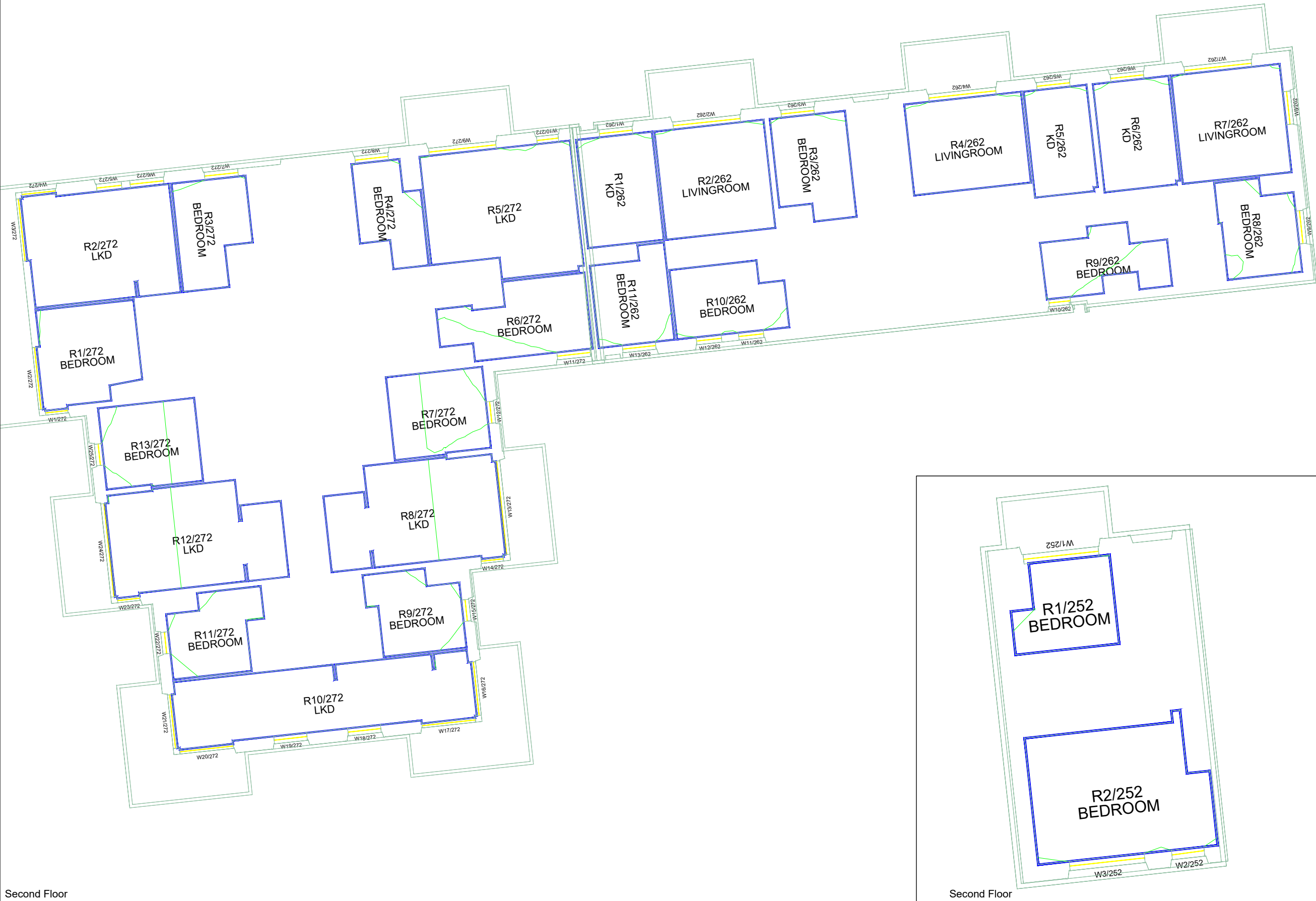
Revision
-

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Sources of Information
Survey from Format
13101 - 002 Rev A
13101 - 003 Rev A

INFO 20 SEPT 2019
MPI-AV-R-DR-A-2016-C.dwg
MPI-GT-R-DR-A-2025-C.dwg
MPI-GT-ZZ-DR-A-2621-B.dwg
MPI-AV-ZZ-DR-A-2612-A.dwg



**AVISON
YOUNG**

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Project Name
Maitland Park
London

Client
London Borough of Camden

Drawing Title
NO SKYLINE CONTOURS
GRAFTON TERRACE

Drawn By
RT

Chk'd By
RT

Scale @ A3
1/150

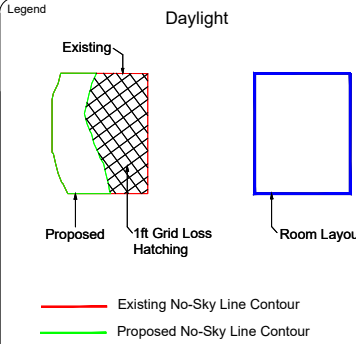
Date
26 SEPT 2019

Project No.
MA127_14

Drawing No.
BRE_174

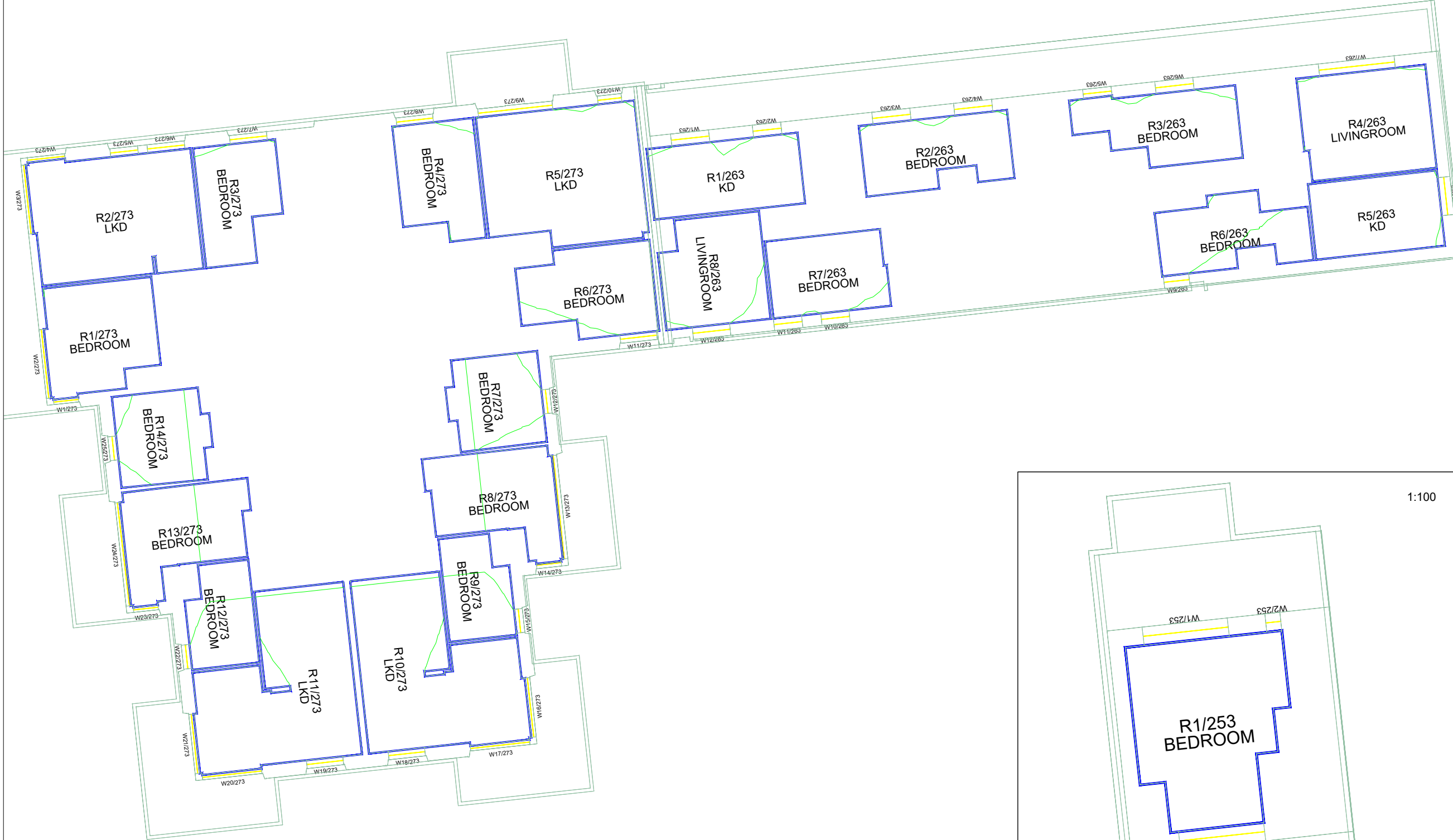
Revision
-

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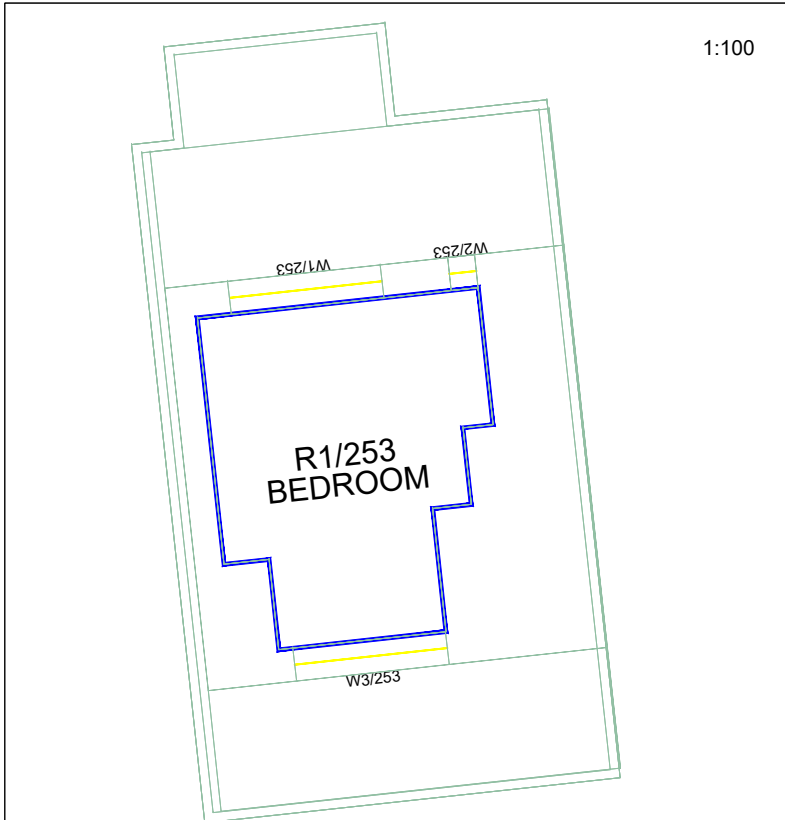


Sources of Information
Survey from Format
13101 - 002 Rev A
13101 - 003 Rev A

INFO 20 SEPT 2019
MPI-AV-R-DR-A-2016-C.dwg
MPI-GT-R-DR-A-2025-C.dwg
MPI-GT-ZZ-DR-A-2621-B.dwg
MPI-AV-ZZ-DR-A-2612-A.dwg



Third Floor



Third Floor

AVISON YOUNG

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London

Client
London Borough of Camden

Drawing Title
NO SKYLINE CONTOURS
GRAFTON TERRACE

Drawn By
RT

Chk'd By

Scale @ A3
1/150

Date
26 SEPT 2019

Project No.
MA127_14

Drawing No.
BRE_175

Revision
-



Fourth Floor

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Legend

Daylight

Existing

Proposed

1ft Grid Loss Hatching

Room Layout

Existing No-Sky Line Contour

Proposed No-Sky Line Contour

Sources of Information
Survey from Format
13101 - 002 Rev A
13101 - 003 Rev A

INFO 20 SEPT 2019
MPI-AV-R-DR-A-2016-C.dwg
MPI-GT-R-DR-A-2025-C.dwg
MPI-GT-ZZ-DR-A-2621-B.dwg
MPI-AV-ZZ-DR-A-2612-A.dwg



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Project Name
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London

Client
London Borough of Camden

Drawing Title
NO SKYLINE CONTOURS
GRAFTON TERRACE

Drawn By RT	Chk'd By	Scale @ A3 1/150	Date 26 SEPT 2019
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Project No. MA127_14	Drawing No. BRE_176	Revision -
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MA127 - MAITLAND
26-Sep-19
JOB 14 - AMENITY RESULTS

Room/Floor	Room Use	Window			No Sky	%Sun		
			%VSC	%ADF	% of Room	Summer	Winter	Total
Aspen Court MA127/14/BRE/161-165								
Gnd Floor								
R1/190	BEDROOM	W1/190	18.87	1.44	94.18%	16.00	5.00	21.00
R2/190	BEDROOM	W2/190	18.08	1.17	90.69%	16.00	3.00	19.00
R3/190	LKD	W3/190	17.72	3.95	95.99%	16.00	3.00	19.00
		W4/190	18.71			17.00	7.00	24.00
		W5/190	5.06			2.00	0.00	2.00
		W6/190	23.23			0.00	0.00	0.00
R4/190	KITCHEN	W7/190	21.94	3.18	96.05%	#N/A	#N/A	#N/A
R5/190	LD	W8/190	10.21	1.59	98.83%	#N/A	#N/A	#N/A
		W9/190	9.09			#N/A	#N/A	#N/A
R6/190	LKD	W10/190	9.42	2.46	98.75%	3.00	0.00	3.00
		W11/190	10.86			1.00	0.00	1.00
		W26/190	14.24			37.00	2.00	39.00
		W27/190	13.62			40.00	1.00	41.00
R7/190	BEDROOM	W12/190	23.16	2.31	94.72%	#N/A	#N/A	#N/A
R8/190	BEDROOM	W13/190	26.09	3.45	97.58%	#N/A	#N/A	#N/A
		W14/190	25.66			#N/A	#N/A	#N/A
R9/190	LKD	W15/190	25.77	4.40	99.97%	6.00	0.00	6.00
		W16/190	24.84			5.00	0.00	5.00
		W17/190	3.03			4.00	0.00	4.00
		W18/190	2.43			3.00	0.00	3.00
		W19/190	2.29			2.00	0.00	2.00
		W20/190	2.93			2.00	7.00	9.00
		W21/190	18.07			33.00	10.00	43.00
R10/190	BEDROOM	W22/190	18.56	3.38	96.09%	36.00	7.00	43.00
		W23/190	18.38			38.00	7.00	45.00
		W24/190	18.17			38.00	6.00	44.00
R11/190	BEDROOM	W25/190	16.11	2.70	83.54%	39.00	3.00	42.00
R12/190	BEDROOM	W28/190	12.30	2.51	74.77%	34.00	2.00	36.00
		W29/190	11.84			33.00	2.00	35.00
R13/190	BEDROOM	W30/190	2.05	0.94	89.04%	#N/A	#N/A	#N/A
		W31/190	2.05			#N/A	#N/A	#N/A
R14/190	BEDROOM	W32/190	15.18	2.76	93.22%	#N/A	#N/A	#N/A
		W33/190	15.20			#N/A	#N/A	#N/A

Room/Floor	Room Use	Window			No Sky	%Sun		
			%VSC	%ADF	% of Room	Summer	Winter	Total
R15/190	BEDROOM	W34/190	5.66	1.90	87.47%	#N/A	#N/A	#N/A
		W35/190	8.47			#N/A	#N/A	#N/A
R16/190	BEDROOM	W36/190	12.00	2.51	74.77%	#N/A	#N/A	#N/A
		W37/190	12.40			#N/A	#N/A	#N/A
R17/190	LKD	W38/190	13.83	1.53	49.97%	0.00	0.00	0.00
		W39/190	14.38			0.00	0.00	0.00
		W54/190	2.02			9.00	0.00	9.00
		W55/190	0.74			1.00	0.00	1.00
R18/190	BEDROOM	W40/190	16.35	2.73	83.54%	#N/A	#N/A	#N/A
R19/190	BEDROOM	W41/190	17.97	3.28	95.85%	#N/A	#N/A	#N/A
		W42/190	17.95			#N/A	#N/A	#N/A
		W43/190	17.97			#N/A	#N/A	#N/A
R20/190	LKD	W44/190	17.42	3.13	98.17%	0.00	0.00	0.00
		W45/190	2.00			2.00	0.00	2.00
		W46/190	1.63			2.00	0.00	2.00
		W47/190	1.86			1.00	0.00	1.00
		W48/190	2.20			1.00	0.00	1.00
		W49/190	10.20			33.00	0.00	33.00
		W50/190	10.95			33.00	1.00	34.00
R21/190	BEDROOM	W51/190	12.23	2.12	87.71%	37.00	0.00	37.00
		W52/190	13.45			36.00	2.00	38.00
R22/190	BEDROOM	W53/190	11.62	1.43	87.16%	29.00	2.00	31.00
R23/190	LD	W56/190	1.28	0.33	35.80%	2.00	2.00	4.00
		W57/190	2.67			6.00	2.00	8.00
R24/190	KITCHEN	W58/190	13.51	2.19	93.99%	29.00	6.00	35.00
R25/190	BEDROOM	W59/190	16.66	1.75	85.62%	32.00	6.00	38.00
R26/190	LKD	W60/190	1.11	2.88	96.43%	6.00	3.00	9.00
		W61/190	22.91			20.00	6.00	26.00
		W62/190	21.59			19.00	4.00	23.00
R27/190	BEDROOM	W63/190	21.26	1.36	84.36%	19.00	4.00	23.00
R28/190	LD	W64/190	20.07	2.82	98.87%	17.00	4.00	21.00
		W65/190	19.89			19.00	8.00	27.00
R31/190	LD	W66/190	19.02	2.57	98.33%	17.00	4.00	21.00
		W67/190	18.85			19.00	7.00	26.00
R32/190	LD	W68/190	18.50	2.68	97.13%	17.00	3.00	20.00
		W69/190	18.33			19.00	7.00	26.00
R33/190	KITCHEN	W70/190	19.63	3.70	97.94%	16.00	5.00	21.00
1st Floor								
R1/191	BEDROOM	W1/191	28.79	1.69	96.60%	24.00	9.00	33.00
R2/191	BEDROOM	W2/191	28.17	1.49	93.67%	25.00	7.00	32.00
R3/191	LIVINGROOM	W3/191	28.22	5.20	100.00%	24.00	7.00	31.00
		W4/191	29.98			25.00	12.00	37.00
		W5/191	8.08			5.00	0.00	5.00
R4/191	KD	W6/191	25.70	2.17	93.84%	#N/A	#N/A	#N/A

Room/Floor	Room Use	Window			No Sky	%Sun		
			%VSC	%ADF	% of Room	Summer	Winter	Total
R5/191	KITCHEN	W7/191	26.99	2.86	97.52%	#N/A	#N/A	#N/A
R6/191	LD	W8/191	27.34	3.94	99.40%	#N/A	#N/A	#N/A
R7/191	LKD	W9/191	27.62	2.52	85.94%	5.00	0.00	5.00
		W26/191	3.54			4.00	5.00	9.00
		W27/191	2.53			0.00	6.00	6.00
R8/191	BEDROOM	W10/191	27.67	2.43	97.31%	#N/A	#N/A	#N/A
R9/191	BEDROOM	W11/191	28.10	2.41	97.25%	#N/A	#N/A	#N/A
R10/191	LKD	W12/191	27.80	4.50	100.00%	2.00	0.00	2.00
		W13/191	27.30			6.00	0.00	6.00
		W14/191	27.09			5.00	0.00	5.00
		W15/191	6.38			5.00	0.00	5.00
		W16/191	4.12			3.00	0.00	3.00
		W17/191	3.79			2.00	0.00	2.00
		W18/191	4.67			4.00	7.00	11.00
		W19/191	21.10			36.00	14.00	50.00
		W20/191	21.46			41.00	14.00	55.00
R11/191	BEDROOM	W21/191	21.39	2.06	89.46%	40.00	12.00	52.00
R12/191	BEDROOM	W22/191	21.18	3.19	96.28%	41.00	10.00	51.00
		W23/191	21.35			45.00	13.00	58.00
R13/191	BEDROOM	W24/191	20.70	3.04	94.12%	45.00	10.00	55.00
		W25/191	16.66			31.00	6.00	37.00
R14/191		W28/191	2.17	0.27	26.79%	0.00	5.00	5.00
		W29/191	2.04			0.00	5.00	5.00
R15/191	LIVINGROOM	W30/191	4.52	1.40	86.94%	#N/A	#N/A	#N/A
R16/191	KD	W31/191	17.34	1.45	95.48%	#N/A	#N/A	#N/A
R17/191	KD	W32/191	17.32	1.44	95.48%	#N/A	#N/A	#N/A
R18/191	LIVINGROOM	W33/191	4.48	1.39	86.80%	#N/A	#N/A	#N/A
R19/191	BEDROOM	W34/191	2.17	0.31	26.63%	#N/A	#N/A	#N/A
		W35/191	2.32			#N/A	#N/A	#N/A
R20/191	LKD	W36/191	2.67	1.89	63.81%	0.00	0.00	0.00
		W37/191	3.70			0.00	0.00	0.00
		W54/191	17.18			45.00	8.00	53.00
R21/191	BEDROOM	W38/191	16.83	3.07	94.12%	#N/A	#N/A	#N/A
		W39/191	20.87			#N/A	#N/A	#N/A
R22/191	BEDROOM	W40/191	21.34	3.34	96.50%	#N/A	#N/A	#N/A
		W41/191	21.00			#N/A	#N/A	#N/A
R23/191	BEDROOM	W42/191	21.05	2.12	90.22%	#N/A	#N/A	#N/A
R24/191	KD	W43/191	21.03	3.56	99.62%	#N/A	#N/A	#N/A
		W44/191	20.19			#N/A	#N/A	#N/A
		W45/191	4.38			#N/A	#N/A	#N/A
		W46/191	3.89			#N/A	#N/A	#N/A

Room/Floor	Room Use	Window			No Sky	%Sun		
			%VSC	%ADF	% of Room	Summer	Winter	Total
R25/191	LIVINGROOM	W47/191	4.10	3.88	100.00%	4.00	0.00	4.00
		W48/191	5.59			6.00	0.00	6.00
		W49/191	17.33			47.00	8.00	55.00
		W50/191	21.42			44.00	14.00	58.00
		W51/191	22.61			41.00	14.00	55.00
R26/191	BEDROOM	W52/191	24.34	2.19	97.14%	44.00	16.00	60.00
R27/191	BEDROOM	W53/191	21.04	1.97	83.54%	43.00	13.00	56.00
R28/191	LD	W55/191	18.89	3.00	75.97%	46.00	9.00	55.00
R29/191	KITCHEN	W56/191	22.56	2.51	95.36%	43.00	13.00	56.00
R30/191	KD	W57/191	25.44	2.19	89.99%	38.00	17.00	55.00
R31/191	LIVINGROOM	W58/191	9.56	5.45	99.95%	3.00	12.00	15.00
		W59/191	30.96			25.00	12.00	37.00
		W60/191	28.97			25.00	7.00	32.00
R32/191	BEDROOM	W61/191	28.80	1.51	93.84%	25.00	7.00	32.00
R33/191	BEDROOM	W62/191	29.28	1.71	96.68%	24.00	9.00	33.00
R34/191	BEDROOM	W63/191	29.83	2.50	97.82%	25.00	11.00	36.00
R35/191	BEDROOM	W64/191	29.34	1.86	92.81%	26.00	8.00	34.00
R36/191	BEDROOM	W65/191	29.35	1.87	92.90%	26.00	11.00	37.00
R37/191	BEDROOM	W66/191	29.19	2.41	96.68%	25.00	9.00	34.00
2nd Floor								
R1/192	BEDROOM	W1/192	30.92	1.80	96.60%	26.00	10.00	36.00
R2/192	BEDROOM	W2/192	30.31	1.58	93.67%	27.00	8.00	35.00
R3/192	LIVINGROOM	W3/192	29.80	5.69	100.00%	27.00	8.00	35.00
		W4/192	32.19			27.00	12.00	39.00
		W5/192	9.98			7.00	0.00	7.00
R4/192	KD	W6/192	28.18	2.32	96.66%	#N/A	#N/A	#N/A
R5/192	BEDROOM	W7/192	7.78	1.51	98.45%	#N/A	#N/A	#N/A
		W8/192	6.89			#N/A	#N/A	#N/A
R6/192	LKD	W9/192	6.99	2.68	98.21%	2.00	0.00	2.00
		W10/192	8.12			1.00	0.00	1.00
		W27/192	22.42			47.00	13.00	60.00
R7/192	BEDROOM	W11/192	26.67	2.39	97.31%	#N/A	#N/A	#N/A
R8/192	BEDROOM	W12/192	30.41	2.56	97.25%	#N/A	#N/A	#N/A
R9/192		W13/192	30.14	5.00	100.00%	2.00	0.00	2.00
		W14/192	29.84			6.00	0.00	6.00
		W15/192	30.13			5.00	0.00	5.00
		W16/192	8.52			6.00	0.00	6.00
		W17/192	5.40			4.00	0.00	4.00
		W18/192	4.96			3.00	0.00	3.00
		W19/192	6.13			6.00	8.00	14.00
		W20/192	25.09			41.00	17.00	58.00
R10/192	BEDROOM	W22/192	25.26	2.32	95.89%	44.00	18.00	62.00

Room/Floor	Room Use	Window			No Sky	%Sun		
			%VSC	%ADF	% of Room	Summer	Winter	Total
R11/192	BEDROOM	W23/192	25.04	3.61	96.80%	43.00	17.00	60.00
		W24/192	25.42			45.00	15.00	60.00
R12/192	BEDROOM	W25/192	24.84	3.72	96.97%	45.00	14.00	59.00
		W26/192	23.83			43.00	13.00	56.00
R13/192	LD	W28/192	20.44	3.31	85.81%	43.00	13.00	56.00
R14/192	KITCHEN	W29/192	17.56	2.23	85.08%	31.00	11.00	42.00
R15/192	LIVINGROOM	W30/192	6.20	1.74	91.06%	#N/A	#N/A	#N/A
R16/192	KD	W31/192	20.15	1.59	97.31%	#N/A	#N/A	#N/A
R17/192	KD	W32/192	20.15	1.59	97.39%	#N/A	#N/A	#N/A
R18/192	LIVINGROOM	W33/192	6.16	1.73	90.99%	#N/A	#N/A	#N/A
R19/192	KITCHEN	W34/192	17.64	2.23	84.97%	#N/A	#N/A	#N/A
R20/192	LD	W35/192	20.53	3.33	85.87%	#N/A	#N/A	#N/A
R21/192	LKD	W36/192	22.55	2.42	89.49%	0.00	0.00	0.00
		W53/192	4.01			1.00	7.00	8.00
		W54/192	2.52			0.00	5.00	5.00
R22/192	BEDROOM	W37/192	24.00	3.75	96.97%	#N/A	#N/A	#N/A
		W38/192	24.99			#N/A	#N/A	#N/A
R23/192	BEDROOM	W39/192	25.38	3.77	96.96%	#N/A	#N/A	#N/A
		W40/192	24.86			#N/A	#N/A	#N/A
R24/192	BEDROOM	W41/192	25.03	2.40	95.65%	#N/A	#N/A	#N/A
R25/192	KD	W42/192	25.05	4.13	100.00%	#N/A	#N/A	#N/A
		W43/192	24.20			#N/A	#N/A	#N/A
		W44/192	6.00			#N/A	#N/A	#N/A
		W45/192	5.11			#N/A	#N/A	#N/A
R26/192	LIVINGROOM	W46/192	5.39	4.63	100.00%	3.00	1.00	4.00
		W47/192	8.10			10.00	5.00	15.00
		W48/192	23.76			51.00	15.00	66.00
		W49/192	26.23			46.00	18.00	64.00
		W50/192	27.14			45.00	19.00	64.00
R27/192	BEDROOM	W51/192	28.37	2.41	97.14%	47.00	22.00	69.00
R28/192	BEDROOM	W52/192	22.85	2.13	93.79%	37.00	17.00	54.00
R29/192	BEDROOM	W55/192	3.11	1.07	86.30%	0.00	5.00	5.00
		W56/192	4.76			0.00	7.00	7.00
R30/192	BEDROOM	W57/192	28.19	2.35	96.66%	40.00	19.00	59.00
R31/192	LIVINGROOM	W58/192	10.94	5.81	99.95%	4.00	15.00	19.00
		W59/192	32.74			27.00	13.00	40.00
		W60/192	30.76			27.00	8.00	35.00
R32/192	BEDROOM	W61/192	30.64	1.59	93.84%	27.00	8.00	35.00
R33/192	BEDROOM	W62/192	31.18	1.80	96.68%	27.00	10.00	37.00
R34/192	BEDROOM	W63/192	31.77	2.64	97.82%	27.00	12.00	39.00
R35/192	BEDROOM	W64/192	31.38	1.97	92.81%	26.00	9.00	35.00
R36/192	BEDROOM	W65/192	31.39	1.98	92.90%	27.00	12.00	39.00
R37/192	BEDROOM	W66/192	31.29	2.55	96.68%	27.00	9.00	36.00

Room/Floor	Room Use	Window			No Sky	%Sun		
			%VSC	%ADF	% of Room	Summer	Winter	Total
3rd Floor								
R1/193	BEDROOM	W1/193	32.79	1.89	96.60%	28.00	11.00	39.00
R2/193	BEDROOM	W2/193	32.19	1.66	93.67%	28.00	9.00	37.00
R3/193	LIVINGROOM	W3/193	32.27	6.28	100.00%	28.00	9.00	37.00
		W4/193	34.12			28.00	13.00	41.00
		W5/193	12.28			10.00	0.00	10.00
R4/193	KD	W6/193	31.31	2.48	96.66%	#N/A	#N/A	#N/A
R5/193	KITCHEN	W7/193	32.64	3.25	97.52%	#N/A	#N/A	#N/A
R6/193	LD	W8/193	34.43	4.46	99.40%	#N/A	#N/A	#N/A
R7/193	LKD	W9/193	34.45	3.27	98.11%	6.00	0.00	6.00
		W26/193	11.71			6.00	19.00	25.00
		W27/193	10.14			2.00	20.00	22.00
R8/193	BEDROOM	W10/193	32.57	2.71	97.31%	#N/A	#N/A	#N/A
R9/193	BEDROOM	W11/193	32.55	2.70	97.25%	#N/A	#N/A	#N/A
R10/193	LKD	W12/193	32.55	7.84	100.00%	4.00	0.00	4.00
		W13/193	32.27			7.00	0.00	7.00
		W14/193	32.65			8.00	0.00	8.00
		W15/193	31.55			30.00	4.00	34.00
		W16/193	30.43			30.00	7.00	37.00
		W17/193	29.76			26.00	3.00	29.00
		W18/193	29.07			29.00	9.00	38.00
		W19/193	29.21			48.00	24.00	72.00
		W20/193	29.48			46.00	23.00	69.00
R11/193	BEDROOM	W21/193	29.47	2.60	96.40%	45.00	22.00	67.00
R12/193	BEDROOM	W22/193	28.91	4.01	96.80%	43.00	23.00	66.00
		W23/193	29.46			47.00	24.00	71.00
R13/193	BEDROOM	W24/193	29.07	4.01	96.72%	47.00	25.00	72.00
		W25/193	25.25			37.00	23.00	60.00
R14/193	BEDROOM	W28/193	9.10	1.43	97.28%	0.00	18.00	18.00
		W29/193	9.27			2.00	16.00	18.00
R15/193	LIVINGROOM	W30/193	9.16	2.20	97.30%	#N/A	#N/A	#N/A
R16/193	KD	W31/193	23.64	1.74	97.48%	#N/A	#N/A	#N/A
R17/193	KD	W32/193	23.63	1.74	97.48%	#N/A	#N/A	#N/A
R18/193	LIVINGROOM	W33/193	9.13	2.20	97.16%	#N/A	#N/A	#N/A
R19/193	BEDROOM	W34/193	9.38	1.43	97.28%	#N/A	#N/A	#N/A
		W35/193	9.20			#N/A	#N/A	#N/A
R20/193	LKD	W36/193	10.19	0.66	59.50%	#N/A	#N/A	#N/A
		W37/193	11.77			#N/A	#N/A	#N/A
R21/193	BEDROOM	W38/193	25.32	4.02	96.72%	#N/A	#N/A	#N/A
		W39/193	29.13			#N/A	#N/A	#N/A
R22/193	BEDROOM	W40/193	29.41	4.19	96.96%	#N/A	#N/A	#N/A
		W41/193	28.77			#N/A	#N/A	#N/A
R23/193	BEDROOM	W42/193	29.18	2.68	95.92%	#N/A	#N/A	#N/A
R24/193	KD	W43/193	29.19	7.28	100.00%	#N/A	#N/A	#N/A
		W44/193	28.62			#N/A	#N/A	#N/A
		W45/193	29.42			#N/A	#N/A	#N/A
		W46/193	30.42			#N/A	#N/A	#N/A

Room/Floor	Room Use	Window			No Sky	%Sun		
			%VSC	%ADF	% of Room	Summer	Winter	Total
R25/193	LIVINGROOM	W47/193	30.76	7.40	100.00%	27.00	7.00	34.00
		W48/193	31.77			33.00	10.00	43.00
		W49/193	30.84			52.00	25.00	77.00
		W50/193	31.32			47.00	27.00	74.00
		W51/193	31.34			46.00	25.00	71.00
R26/193	BEDROOM	W52/193	31.89	2.63	97.14%	47.00	27.00	74.00
R27/193	BEDROOM	W53/193	31.56	2.64	97.31%	47.00	27.00	74.00
R28/193	LD	W55/193	32.58	4.25	99.40%	53.00	27.00	80.00
R29/193	KITCHEN	W56/193	32.06	3.20	97.52%	47.00	27.00	74.00
R30/193	KD	W57/193	31.41	2.49	96.66%	45.00	25.00	70.00
R31/193	LIVINGROOM	W58/193	12.76	6.24	99.95%	4.00	18.00	22.00
		W59/193	34.30			28.00	13.00	41.00
		W60/193	32.34			28.00	8.00	36.00
R32/193	BEDROOM	W61/193	32.27	1.66	93.84%	28.00	9.00	37.00
R33/193	BEDROOM	W62/193	32.85	1.88	96.68%	28.00	11.00	39.00
R34/193	BEDROOM	W63/193	33.51	2.76	97.82%	28.00	14.00	42.00
R35/193	BEDROOM	W64/193	33.21	2.07	92.81%	28.00	9.00	37.00
R36/193	BEDROOM	W65/193	33.23	2.07	92.90%	28.00	12.00	40.00
R37/193	BEDROOM	W66/193	33.17	2.68	96.68%	28.00	10.00	38.00
4th Floor								
R1/194	BEDROOM	W1/194	37.50	2.17	96.88%	32.00	15.00	47.00
R2/194	BEDROOM	W2/194	36.77	1.86	94.18%	30.00	12.00	42.00
R3/194	LIVINGROOM	W3/194	36.68	11.35	100.00%	30.00	12.00	42.00
		W4/194	38.23			33.00	15.00	48.00
		W5/194	38.08			11.00	0.00	11.00
R4/194	KD	W6/194	37.49	2.90	97.03%	#N/A	#N/A	#N/A
R5/194	BEDROOM	W8/194	37.21	4.08	98.45%	#N/A	#N/A	#N/A
		W9/194	37.32			#N/A	#N/A	#N/A
R6/194	LKD	W10/194	37.24	4.65	99.94%	6.00	0.00	6.00
		W11/194	37.13			8.00	0.00	8.00
		W24/194	35.71			56.00	28.00	84.00
R7/194	BEDROOM	W12/194	37.23	3.13	97.65%	#N/A	#N/A	#N/A
R8/194	BEDROOM	W13/194	37.21	3.14	97.29%	#N/A	#N/A	#N/A
R9/194	LKD	W14/194	37.72	8.09	99.94%	10.00	0.00	10.00
		W15/194	35.83			32.00	8.00	40.00
		W16/194	35.17			34.00	9.00	43.00
		W17/194	34.93			30.00	6.00	36.00
		W18/194	34.88			33.00	11.00	44.00
		W19/194	36.17			55.00	28.00	83.00
R10/194	BEDROOM	W20/194	35.29	4.84	97.20%	46.00	26.00	72.00
		W21/194	35.97			53.00	28.00	81.00
R11/194	BEDROOM	W22/194	35.94	5.09	97.14%	52.00	29.00	81.00
		W23/194	35.83			53.00	28.00	81.00
R12/194	LD	W25/194	35.03	4.93	99.49%	56.00	26.00	82.00
R13/194	KITCHEN	W26/194	33.53	3.59	97.87%	50.00	25.00	75.00
R14/194	LIVINGROOM	W27/194	34.13	5.91	98.89%	#N/A	#N/A	#N/A

Room/Floor	Room Use	Window			No Sky	%Sun		
			%VSC	%ADF	% of Room	Summer	Winter	Total
R15/194	KD	W28/194	35.13	2.26	98.18%	#N/A	#N/A	#N/A
R16/194	KD	W29/194	35.15	2.26	98.18%	#N/A	#N/A	#N/A
R17/194	LIVINGROOM	W30/194	34.11	6.20	98.94%	#N/A	#N/A	#N/A
R18/194	KITCHEN	W31/194	33.58	3.59	97.55%	#N/A	#N/A	#N/A
R19/194	LD	W32/194	35.05	4.93	99.49%	#N/A	#N/A	#N/A
R20/194	LKD	W33/194	35.73	4.67	99.92%	9.00	0.00	9.00
		W46/194	37.56			51.00	30.00	81.00
		W47/194	37.65			52.00	29.00	81.00
R21/194	BEDROOM	W34/194	35.83	5.09	97.14%	#N/A	#N/A	#N/A
		W35/194	35.92			#N/A	#N/A	#N/A
R22/194	BEDROOM	W36/194	35.87	4.72	96.87%	#N/A	#N/A	#N/A
		W37/194	35.08			#N/A	#N/A	#N/A
R23/194	KD	W38/194	36.38	6.86	99.45%	#N/A	#N/A	#N/A
		W39/194	35.01			#N/A	#N/A	#N/A
R24/194	LIVINGROOM	W40/194	35.11	8.00	100.00%	33.00	12.00	45.00
		W41/194	35.49			30.00	9.00	39.00
		W42/194	36.26			33.00	14.00	47.00
		W43/194	37.91			55.00	30.00	85.00
R25/194	BEDROOM	W44/194	37.51	3.13	97.43%	53.00	30.00	83.00
R26/194	BEDROOM	W45/194	37.51	3.14	97.82%	53.00	30.00	83.00
R27/194	BEDROOM	W48/194	37.63	4.10	98.52%	51.00	30.00	81.00
		W49/194	37.61			52.00	29.00	81.00
R28/194	BEDROOM	W50/194	37.66	2.92	97.03%	53.00	30.00	83.00
R29/194	LIVINGROOM	W51/194	38.53	11.25	99.95%	57.00	30.00	87.00
		W52/194	38.21			34.00	16.00	50.00
		W53/194	36.62			30.00	12.00	42.00
R30/194	BEDROOM	W54/194	36.60	1.86	94.35%	30.00	12.00	42.00
R31/194	BEDROOM	W55/194	37.41	2.16	96.89%	32.00	14.00	46.00
R32/194	BEDROOM	W56/194	37.50	3.07	96.84%	32.00	15.00	47.00
R33/194	BEDROOM	W57/194	37.49	2.34	92.81%	30.00	12.00	42.00
R34/194	BEDROOM	W58/194	37.49	2.34	92.90%	32.00	15.00	47.00
R35/194	BEDROOM	W59/194	37.55	3.08	96.84%	32.00	15.00	47.00
Aspen Villas MA127/14/BRE/166-171								
Gnd Floor								
R1/200	LKD	W3/200	9.85	2.47	91.02%	2.00	0.00	2.00
		W4/200	6.18			0.00	0.00	0.00
R2/200	BEDROOM	W5/200	7.74	1.09	77.46%	#N/A	#N/A	#N/A
R3/200	BEDROOM	W6/200	13.14	4.78	98.76%	4.00	0.00	4.00
		W7/200	9.16			3.00	0.00	3.00
R4/200	LKD	W8/200	9.88	5.90	99.80%	#N/A	#N/A	#N/A
		W9/200	26.29			#N/A	#N/A	#N/A
		W10/200	27.06			#N/A	#N/A	#N/A
R5/200	BEDROOM	W11/200	25.80	3.05	93.98%	#N/A	#N/A	#N/A
R6/200	BEDROOM	W12/200	29.64	3.37	97.59%	#N/A	#N/A	#N/A
R7/200	LKD	W13/200	31.05	5.54	99.70%	28.00	7.00	35.00
		W14/200	31.08			23.00	3.00	26.00
		W15/200	31.38			27.00	4.00	31.00
		W16/200	6.81			10.00	7.00	17.00

Room/Floor	Room Use	Window			No Sky	%Sun		
			%VSC	%ADF	% of Room	Summer	Winter	Total
R8/200	BEDROOM	W17/200	6.60	2.65	97.23%	4.00	10.00	14.00
		W18/200	7.28			8.00	0.00	8.00
R9/200	BEDROOM	W19/200	10.53	1.32	81.52%	10.00	8.00	18.00
R10/200	LKD	W20/200	4.86	1.51	95.06%	0.00	9.00	9.00
		W21/200	3.85			0.00	1.00	1.00
1st Floor								
R1/201	BEDROOM	W3/201	10.66	1.19	74.25%	#N/A	#N/A	#N/A
R2/201	LKD	W4/201	8.35	1.87	58.58%	1.00	0.00	1.00
		W5/201	7.02			0.00	0.00	0.00
R3/201	BEDROOM	W6/201	9.29	1.07	80.94%	#N/A	#N/A	#N/A
R4/201	BEDROOM	W7/201	11.46	3.34	99.11%	9.00	0.00	9.00
		W8/201	9.63			4.00	0.00	4.00
R5/201	LKD	W9/201	10.53	4.72	99.37%	#N/A	#N/A	#N/A
		W10/201	28.29			#N/A	#N/A	#N/A
		W11/201	28.11			#N/A	#N/A	#N/A
		W12/201	28.59			#N/A	#N/A	#N/A
R6/201	BEDROOM	W13/201	27.61	2.73	91.73%	#N/A	#N/A	#N/A
R7/201	BEDROOM	W14/201	22.76	2.19	67.04%	#N/A	#N/A	#N/A
R8/201	LKD	W15/201	15.39	4.09	77.28%	2.00	0.00	2.00
		W16/201	12.99			10.00	7.00	17.00
		W17/201	16.94			29.00	12.00	41.00
R9/201	BEDROOM	W18/201	24.27	2.66	76.34%	#N/A	#N/A	#N/A
R10/201	BEDROOM	W19/201	28.92	2.78	92.13%	#N/A	#N/A	#N/A
R11/201	LKD	W20/201	31.01	4.83	99.43%	24.00	7.00	31.00
		W21/201	31.47			24.00	4.00	28.00
		W22/201	32.31			24.00	6.00	30.00
		W23/201	6.87			8.00	9.00	17.00
R12/201	BEDROOM	W24/201	8.33	2.98	98.51%	3.00	12.00	15.00
		W25/201	11.06			12.00	4.00	16.00
R13/201	BEDROOM	W26/201	12.54	1.31	84.86%	10.00	11.00	21.00
R14/201	LKD	W27/201	7.76	2.10	58.24%	0.00	11.00	11.00
		W28/201	7.32			4.00	2.00	6.00
R15/201	BEDROOM	W29/201	11.95	1.29	79.72%	11.00	10.00	21.00
R16/201	LKD	W30/201	7.31	4.33	100.00%	0.00	10.00	10.00
		W31/201	18.06			14.00	2.00	16.00
		W32/201	18.82			16.00	1.00	17.00
		W33/201	19.08			18.00	0.00	18.00
R17/201	LKD	W1/201	18.68	4.16	100.00%	21.00	2.00	23.00
		W2/201	7.07			0.00	0.00	0.00
		W34/201	18.94			20.00	1.00	21.00
		W35/201	19.06			21.00	1.00	22.00
2nd Floor								
R1/202	BEDROOM	W3/202	12.09	1.28	80.34%	#N/A	#N/A	#N/A
R2/202	LKD	W4/202	10.23	2.27	58.58%	2.00	0.00	2.00
		W5/202	9.40			0.00	0.00	0.00
R3/202	BEDROOM	W6/202	11.22	1.19	86.34%	#N/A	#N/A	#N/A

Room/Floor	Room Use	Window			No Sky	%Sun		
			%VSC	%ADF	% of Room	Summer	Winter	Total
R4/202	BEDROOM	W7/202	13.18	3.76	99.22%	10.00	0.00	10.00
		W8/202	11.95			5.00	0.00	5.00
R5/202	LKD	W9/202	12.85	5.09	99.73%	#N/A	#N/A	#N/A
		W10/202	30.40			#N/A	#N/A	#N/A
		W11/202	30.05			#N/A	#N/A	#N/A
		W12/202	30.46			#N/A	#N/A	#N/A
R6/202	BEDROOM	W13/202	29.30	2.86	92.53%	#N/A	#N/A	#N/A
R7/202	BEDROOM	W14/202	24.25	2.28	67.04%	#N/A	#N/A	#N/A
R8/202	LKD	W15/202	16.57	4.24	77.28%	2.00	0.00	2.00
		W16/202	14.27			10.00	9.00	19.00
		W17/202	17.77			29.00	13.00	42.00
R9/202	BEDROOM	W18/202	24.45	2.67	76.34%	#N/A	#N/A	#N/A
R10/202	BEDROOM	W19/202	29.73	2.84	92.21%	#N/A	#N/A	#N/A
R11/202	LKD	W20/202	31.99	5.13	99.39%	24.00	7.00	31.00
		W21/202	32.29			24.00	4.00	28.00
		W22/202	33.39			24.00	7.00	31.00
		W23/202	9.64			8.00	13.00	21.00
R12/202	BEDROOM	W24/202	11.19	3.63	99.14%	3.00	16.00	19.00
		W25/202	13.17			12.00	5.00	17.00
R13/202	BEDROOM	W26/202	13.57	1.35	86.16%	10.00	11.00	21.00
R14/202	LKD	W27/202	10.64	2.50	58.45%	2.00	15.00	17.00
		W28/202	9.69			7.00	5.00	12.00
R15/202	BEDROOM	W29/202	13.54	1.37	79.72%	11.00	10.00	21.00
R16/202	LKD	W30/202	9.84	4.94	99.42%	1.00	13.00	14.00
		W31/202	21.99			20.00	3.00	23.00
		W32/202	22.61			20.00	3.00	23.00
		W33/202	22.79			22.00	0.00	22.00
R17/202	LKD	W1/202	22.41	4.91	100.00%	21.00	4.00	25.00
		W2/202	9.13			0.00	0.00	0.00
		W34/202	22.70			24.00	2.00	26.00
		W35/202	22.79			21.00	4.00	25.00
3rd Floor								
R1/203	BEDROOM	W3/203	13.86	1.39	80.86%	#N/A	#N/A	#N/A
R2/203	LKD	W4/203	12.41	2.77	58.58%	5.00	0.00	5.00
		W5/203	11.93			4.00	0.00	4.00
R3/203	BEDROOM	W6/203	13.36	1.32	86.34%	#N/A	#N/A	#N/A
R4/203	BEDROOM	W7/203	15.35	4.26	99.22%	11.00	0.00	11.00
		W8/203	14.44			5.00	0.00	5.00
R5/203	LKD	W9/203	15.13	5.49	100.00%	#N/A	#N/A	#N/A
		W10/203	32.60			#N/A	#N/A	#N/A
		W11/203	32.15			#N/A	#N/A	#N/A
		W12/203	32.46			#N/A	#N/A	#N/A
R6/203	BEDROOM	W13/203	31.25	2.99	90.76%	#N/A	#N/A	#N/A
R7/203	BEDROOM	W14/203	25.98	2.38	65.99%	#N/A	#N/A	#N/A
R8/203	LKD	W15/203	17.84	4.48	76.75%	2.00	0.00	2.00
		W16/203	15.63			10.00	9.00	19.00
		W17/203	18.68			29.00	14.00	43.00

Room/Floor	Room Use	Window			No Sky	%Sun		
			%VSC	%ADF	% of Room	Summer	Winter	Total
R9/203	BEDROOM	W18/203	24.90	2.69	76.00%	#N/A	#N/A	#N/A
R10/203	BEDROOM	W19/203	30.61	2.90	90.04%	#N/A	#N/A	#N/A
R11/203	LKD	W20/203	32.94	5.54	99.42%	24.00	8.00	32.00
		W21/203	33.14			24.00	5.00	29.00
		W22/203	34.46			24.00	9.00	33.00
		W23/203	13.99			8.00	19.00	27.00
R12/203	BEDROOM	W24/203	14.71	4.28	99.14%	3.00	22.00	25.00
		W25/203	15.56			13.00	8.00	21.00
R13/203	BEDROOM	W26/203	14.96	1.42	86.16%	12.00	12.00	24.00
R14/203	LKD	W27/203	12.82	2.91	58.45%	2.00	17.00	19.00
		W28/203	12.19			8.00	6.00	14.00
R15/203	BEDROOM	W29/203	15.18	1.47	80.86%	12.00	12.00	24.00
R16/203	LKD	W30/203	12.04	5.68	99.42%	1.00	16.00	17.00
		W31/203	26.47			24.00	5.00	29.00
		W32/203	26.81			26.00	3.00	29.00
		W33/203	26.85			24.00	2.00	26.00
R17/203	LKD	W1/203	26.66	5.70	100.00%	21.00	7.00	28.00
		W2/203	11.41			1.00	0.00	1.00
		W34/203	26.80			25.00	5.00	30.00
		W35/203	26.89			24.00	6.00	30.00
4th Floor								
R1/204	BEDROOM	W3/204	16.77	1.52	81.75%	#N/A	#N/A	#N/A
R2/204	LKD	W4/204	16.08	3.15	58.58%	10.00	0.00	10.00
		W5/204	14.06			6.00	0.00	6.00
R3/204	BEDROOM	W6/204	16.29	1.46	86.60%	#N/A	#N/A	#N/A
R4/204	BEDROOM	W7/204	18.82	4.73	99.22%	14.00	0.00	14.00
		W8/204	16.59			7.00	0.00	7.00
R5/204	LKD	W9/204	16.90	5.81	100.00%	#N/A	#N/A	#N/A
		W10/204	34.52			#N/A	#N/A	#N/A
		W11/204	34.11			#N/A	#N/A	#N/A
		W12/204	34.26			#N/A	#N/A	#N/A
R6/204	BEDROOM	W13/204	33.62	3.13	92.53%	#N/A	#N/A	#N/A
R7/204	BEDROOM	W14/204	28.78	2.56	67.04%	#N/A	#N/A	#N/A
R8/204	LKD	W15/204	19.27	4.68	77.28%	2.00	0.00	2.00
		W16/204	16.64			9.00	9.00	18.00
		W17/204	19.72			29.00	15.00	44.00
R9/204	BEDROOM	W18/204	26.96	2.82	77.21%	#N/A	#N/A	#N/A
R10/204	BEDROOM	W19/204	32.02	2.96	92.37%	#N/A	#N/A	#N/A
R11/204	LKD	W20/204	33.62	5.88	99.42%	24.00	7.00	31.00
		W21/204	33.92			24.00	5.00	29.00
		W22/204	35.21			24.00	9.00	33.00
		W23/204	17.32			8.00	22.00	30.00
R12/204	BEDROOM	W24/204	17.21	4.81	99.14%	3.00	24.00	27.00
		W25/204	19.08			13.00	9.00	22.00
R13/204	BEDROOM	W26/204	17.22	1.52	86.60%	12.00	13.00	25.00
R14/204	LKD	W27/204	14.76	3.25	58.29%	3.00	20.00	23.00
		W28/204	16.12			9.00	8.00	17.00

Room/Floor	Room Use	Window			No Sky	%Sun		
			%VSC	%ADF	% of Room	Summer	Winter	Total
R15/204	BEDROOM	W29/204	17.68	1.57	81.92%	14.00	13.00	27.00
R16/204	LKD	W30/204	14.54	6.47	100.00%	3.00	19.00	22.00
		W31/204	30.85			26.00	9.00	35.00
		W32/204	30.87			25.00	7.00	32.00
		W33/204	30.72			23.00	4.00	27.00
		W1/204	30.89			23.00	9.00	32.00
R17/204	LKD	W2/204	13.92	6.39	100.00%	3.00	0.00	3.00
		W34/204	30.73			25.00	8.00	33.00
		W35/204	30.88			25.00	8.00	33.00
		5th Floor						
R14/205	LKD	W30/205	35.14	9.01	100.00%	30.00	10.00	40.00
		W31/205	36.21			30.00	12.00	42.00
		W32/205	36.14			30.00	12.00	42.00
		W33/205	36.61			8.00	0.00	8.00
R15/205	BEDROOM	W34/205	27.63	1.63	88.71%	#N/A	#N/A	#N/A
R16/205	LKD	W35/205	31.60	6.80	58.55%	30.00	2.00	32.00
		W36/205	36.31			8.00	0.00	8.00
R17/205	BEDROOM	W37/205	27.20	1.61	94.52%	#N/A	#N/A	#N/A
R18/205	BEDROOM	W38/205	33.57	9.76	99.13%	30.00	5.00	35.00
		W39/205	38.11			9.00	0.00	9.00
R19/205	LKD	W40/205	38.21	7.16	100.00%	#N/A	#N/A	#N/A
		W41/205	37.89			#N/A	#N/A	#N/A
		W42/205	37.36			#N/A	#N/A	#N/A
		W43/205	37.39			#N/A	#N/A	#N/A
R20/205	BEDROOM	W44/205	37.26	2.98	92.45%	#N/A	#N/A	#N/A
R21/205	BEDROOM	W45/205	31.43	2.51	67.50%	#N/A	#N/A	#N/A
R22/205	LKD	W46/205	23.89	8.42	77.28%	5.00	0.00	5.00
		W47/205	39.12			33.00	12.00	45.00
		W48/205	23.92			36.00	15.00	51.00
R23/205	BEDROOM	W49/205	31.57	2.69	71.55%	#N/A	#N/A	#N/A
R24/205	BEDROOM	W50/205	37.28	2.98	92.29%	#N/A	#N/A	#N/A
R25/205	LKD	W51/205	37.42	7.19	100.00%	30.00	12.00	42.00
		W52/205	37.39			29.00	8.00	37.00
		W53/205	37.91			31.00	14.00	45.00
		W54/205	38.80			55.00	30.00	85.00
R26/205	BEDROOM	W55/205	38.49	9.70	99.13%	56.00	30.00	86.00
		W56/205	33.76			30.00	16.00	46.00
R27/205	BEDROOM	W57/205	27.63	1.63	94.52%	31.00	21.00	52.00
R28/205	LKD	W58/205	36.89	6.89	58.70%	53.00	27.00	80.00
		W59/205	31.73			30.00	16.00	46.00
R29/205	BEDROOM	W60/205	28.11	1.66	88.62%	31.00	21.00	52.00
R30/205	LKD	W61/205	37.12	9.10	100.00%	53.00	28.00	81.00
		W62/205	36.77			32.00	15.00	47.00
		W63/205	36.23			30.00	12.00	42.00
		W64/205	35.31			30.00	10.00	40.00

Room/Floor	Room Use	Window			No Sky	%Sun		
			%VSC	%ADF	% of Room	Summer	Winter	Total
Grafton Terrace MA127/14/BRE/172-176								
Gnd Floor								
R1/250	BEDROOM	W1/250	13.67	4.34	97.38%	6.00	0.00	6.00
		W2/250	23.04			7.00	0.00	7.00
		W3/250	23.35			3.00	0.00	3.00
		W4/250	16.01			1.00	0.00	1.00
R2/250	KD	W5/250	25.21	4.81	98.82%	40.00	17.00	57.00
		W6/250	25.09			38.00	14.00	52.00
1st Floor								
R1/251	BEDROOM	W1/251	16.32	4.23	97.36%	10.00	0.00	10.00
		W2/251	25.80			8.00	0.00	8.00
		W3/251	26.05			4.00	0.00	4.00
		W4/251	17.74			3.00	0.00	3.00
R2/251	LIVINGROOM	W5/251	27.93	4.53	99.02%	41.00	20.00	61.00
		W6/251	28.78			48.00	18.00	66.00
2nd Floor								
R1/252	BEDROOM	W1/252	18.07	4.87	96.91%	#N/A	#N/A	#N/A
R2/252	BEDROOM	W2/252	31.66	4.60	99.01%	44.00	25.00	69.00
		W3/252	32.15			50.00	23.00	73.00
3rd Floor								
R1/253	BEDROOM	W1/253	37.27	10.31	100.00%	12.00	0.00	12.00
		W2/253	37.67			12.00	0.00	12.00
		W3/253	37.61			57.00	26.00	83.00
Gnd Floor								
R1/260	BEDROOM	W1/260	13.47	6.70	99.65%	7.00	0.00	7.00
		W2/260	27.44			8.00	0.00	8.00
		W3/260	27.24			5.00	0.00	5.00
		W4/260	14.47			0.00	0.00	0.00
R2/260	LKD	W5/260	14.09	4.32	98.55%	6.00	0.00	6.00
		W6/260	26.43			7.00	0.00	7.00
		W7/260	26.31			4.00	0.00	4.00
		W8/260	14.58			0.00	0.00	0.00
		W9/260	19.95			0.00	0.00	0.00
R3/260	BEDROOM	W10/260	14.10	6.21	96.18%	7.00	0.00	7.00
		W11/260	25.82			7.00	0.00	7.00
		W12/260	25.85			7.00	0.00	7.00
		W13/260	16.92			1.00	0.00	1.00
R4/260	BEDROOM	W14/260	13.98	1.07	69.29%	#N/A	#N/A	#N/A
R5/260	LKD	W15/260	24.34	3.17	90.92%	33.00	16.00	49.00
R6/260	BEDROOM	W16/260	21.40	2.47	93.28%	32.00	14.00	46.00

Room/Floor	Room Use	Window			No Sky	%Sun		
			%VSC	%ADF	% of Room	Summer	Winter	Total
1st Floor								
R1/261	KD	W1/261	23.81	2.00	96.53%	#N/A	#N/A	#N/A
R2/261	LIVINGROOM	W2/261	13.60	3.84	99.62%	8.00	0.00	8.00
		W3/261	30.02			10.00	0.00	10.00
		W4/261	29.89			8.00	0.00	8.00
		W5/261	17.61			2.00	0.00	2.00
R3/261		W6/261	23.45	2.10	94.71%	#N/A	#N/A	#N/A
R4/261	LIVINGROOM	W7/261	16.20	4.11	99.30%	10.00	0.00	10.00
		W8/261	29.34			9.00	0.00	9.00
		W9/261	29.26			7.00	0.00	7.00
		W10/261	17.73			2.00	0.00	2.00
R5/261	KD	W11/261	23.23	2.27	98.13%	#N/A	#N/A	#N/A
R6/261	KD	W12/261	22.83	1.92	97.25%	#N/A	#N/A	#N/A
R7/261	LIVINGROOM	W13/261	16.85	4.81	99.58%	11.00	0.00	11.00
		W14/261	28.85			9.00	0.00	9.00
		W15/261	28.87			8.00	0.00	8.00
		W16/261	20.06			2.00	0.00	2.00
		W17/261	18.11			10.00	4.00	14.00
R8/261	BEDROOM	W18/261	19.85	1.82	77.64%	#N/A	#N/A	#N/A
R9/261	BEDROOM	W19/261	16.08	1.05	65.04%	22.00	16.00	38.00
R10/261	BEDROOM	W20/261	25.52	3.45	94.75%	36.00	19.00	55.00
		W21/261	24.95			38.00	17.00	55.00
R11/261	BEDROOM	W22/261	22.59	2.30	94.18%	34.00	15.00	49.00
2nd Floor								
R1/262	KD	W1/262	32.99	2.54	97.98%	#N/A	#N/A	#N/A
R2/262	LIVINGROOM	W2/262	34.46	5.13	99.25%	#N/A	#N/A	#N/A
R3/262	BEDROOM	W3/262	33.48	2.69	97.27%	#N/A	#N/A	#N/A
R4/262	LIVINGROOM	W4/262	34.26	5.52	98.83%	#N/A	#N/A	#N/A
R5/262	KD	W5/262	33.14	2.92	98.67%	#N/A	#N/A	#N/A
R6/262	KD	W6/262	33.08	2.51	97.83%	#N/A	#N/A	#N/A
R7/262	LIVINGROOM	W7/262	33.99	6.62	99.55%	#N/A	#N/A	#N/A
		W8/262	25.84			#N/A	#N/A	#N/A
R8/262	BEDROOM	W9/262	26.94	2.39	90.13%	#N/A	#N/A	#N/A
R9/262	BEDROOM	W10/262	18.23	1.12	65.04%	23.00	17.00	40.00
R10/262	BEDROOM	W11/262	28.00	3.64	95.90%	41.00	21.00	62.00
		W12/262	27.47			42.00	21.00	63.00
R11/262	BEDROOM	W13/262	24.75	2.41	94.90%	37.00	17.00	54.00

Room/Floor	Room Use	Window			No Sky	%Sun		
			%VSC	%ADF	% of Room	Summer	Winter	Total
3rd Floor								
R1/263	KD	W1/263	30.34	4.63	95.57%	#N/A	#N/A	#N/A
		W2/263	36.64			#N/A	#N/A	#N/A
R2/263	BEDROOM	W3/263	38.13	6.16	97.66%	#N/A	#N/A	#N/A
		W4/263	37.94			#N/A	#N/A	#N/A
R3/263	BEDROOM	W5/263	38.22	5.26	95.00%	#N/A	#N/A	#N/A
		W6/263	37.86			#N/A	#N/A	#N/A
R4/263	LIVINGROOM	W7/263	37.81	6.11	99.01%	#N/A	#N/A	#N/A
R5/263	KD	W8/263	37.38	2.91	98.36%	#N/A	#N/A	#N/A
R6/263	BEDROOM	W9/263	35.66	1.63	64.37%	57.00	26.00	83.00
R7/263	BEDROOM	W10/263	34.70	4.25	94.81%	53.00	22.00	75.00
		W11/263	33.84			51.00	22.00	73.00
R8/263	LIVINGROOM	W12/263	31.02	2.39	91.32%	44.00	20.00	64.00
1st Floor								
R1/271	BEDROOM	W1/271	12.27	3.12	99.17%	21.00	10.00	31.00
		W2/271	11.30			11.00	12.00	23.00
R2/271	LKD	W3/271	12.14	5.63	100.00%	13.00	3.00	16.00
		W4/271	34.66			8.00	0.00	8.00
		W5/271	33.03			4.00	0.00	4.00
		W6/271	33.20			8.00	0.00	8.00
R3/271	BEDROOM	W7/271	32.90	2.85	97.84%	#N/A	#N/A	#N/A
R4/271	BEDROOM	W8/271	27.17	2.76	96.64%	#N/A	#N/A	#N/A
R5/271	LKD	W9/271	13.70	2.40	98.95%	#N/A	#N/A	#N/A
		W10/271	25.73			#N/A	#N/A	#N/A
R6/271	BEDROOM	W11/271	20.13	1.56	76.93%	29.00	13.00	42.00
R7/271	BEDROOM	W12/271	15.02	1.07	48.31%	#N/A	#N/A	#N/A
R8/271	LKD	W13/271	10.13	2.02	40.67%	10.00	6.00	16.00
R9/271	BEDROOM	W15/271	18.52	1.34	89.80%	#N/A	#N/A	#N/A
R10/271	LKD	W16/271	12.69	5.90	99.97%	10.00	5.00	15.00
		W17/271	14.30			5.00	21.00	26.00
		W18/271	26.55			33.00	22.00	55.00
		W19/271	26.78			39.00	21.00	60.00
		W20/271	13.60			9.00	21.00	30.00
		W21/271	9.17			9.00	8.00	17.00
R11/271	BEDROOM	W22/271	14.23	1.10	90.70%	19.00	4.00	23.00
R12/271	LKD	W23/271	11.84	2.19	40.63%	21.00	10.00	31.00
		W24/271	9.39			12.00	7.00	19.00
R13/271	BEDROOM	W25/271	14.31	1.00	58.98%	21.00	2.00	23.00
2nd Floor								
R1/272	BEDROOM	W1/272	13.85	3.46	99.17%	24.00	11.00	35.00
		W2/272	13.29			12.00	13.00	25.00
R2/272	LKD	W3/272	14.01	5.94	100.00%	13.00	5.00	18.00
		W4/272	36.03			9.00	0.00	9.00
		W5/272	34.40			4.00	0.00	4.00
		W6/272	34.63			8.00	0.00	8.00
R3/272	BEDROOM	W7/272	34.58	2.96	97.84%	#N/A	#N/A	#N/A
R4/272	BEDROOM	W8/272	29.49	2.90	96.64%	#N/A	#N/A	#N/A

Room/Floor	Room Use	Window			No Sky	%Sun		
			%VSC	%ADF	% of Room	Summer	Winter	Total
R5/272	LKD	W9/272	15.86	2.66	99.21%	#N/A	#N/A	#N/A
		W10/272	28.36			#N/A	#N/A	#N/A
R6/272	BEDROOM	W11/272	22.02	1.62	77.70%	34.00	15.00	49.00
R7/272	BEDROOM	W12/272	17.87	1.19	51.31%	#N/A	#N/A	#N/A
R8/272	LKD	W13/272	13.70	3.09	40.67%	10.00	8.00	18.00
		W14/272	17.45			32.00	8.00	40.00
R9/272	BEDROOM	W15/272	20.98	1.43	91.04%	#N/A	#N/A	#N/A
R10/272	LKD	W16/272	15.52	6.56	99.97%	11.00	6.00	17.00
		W17/272	15.89			7.00	24.00	31.00
		W18/272	28.35			34.00	26.00	60.00
		W19/272	28.52			40.00	24.00	64.00
		W20/272	15.25			11.00	23.00	34.00
		W21/272	11.22			11.00	9.00	20.00
R11/272	BEDROOM	W22/272	16.17	1.19	90.79%	21.00	4.00	25.00
R12/272	LKD	W23/272	15.11	2.61	40.63%	27.00	12.00	39.00
		W24/272	11.39			12.00	8.00	20.00
R13/272	BEDROOM	W25/272	16.15	1.08	58.98%	22.00	3.00	25.00
3rd Floor								
R1/273	BEDROOM	W1/273	16.05	3.94	99.94%	23.00	14.00	37.00
		W2/273	15.97			13.00	11.00	24.00
R2/273	LKD	W3/273	16.85	6.59	100.00%	13.00	6.00	19.00
		W4/273	38.66			9.00	0.00	9.00
		W5/273	37.33			4.00	0.00	4.00
		W6/273	37.66			9.00	0.00	9.00
R3/273	BEDROOM	W7/273	37.81	3.24	97.84%	#N/A	#N/A	#N/A
R4/273	BEDROOM	W8/273	37.23	3.01	96.36%	#N/A	#N/A	#N/A
R5/273	LKD	W9/273	38.56	5.08	99.22%	#N/A	#N/A	#N/A
		W10/273	36.12			#N/A	#N/A	#N/A
R6/273	BEDROOM	W11/273	23.35	1.81	90.90%	35.00	17.00	52.00
R7/273	BEDROOM	W12/273	19.76	1.38	64.17%	#N/A	#N/A	#N/A
R8/273	BEDROOM	W13/273	16.21	5.63	63.21%	11.00	8.00	19.00
		W14/273	20.42			33.00	14.00	47.00
R9/273	BEDROOM	W15/273	25.76	1.86	62.08%	#N/A	#N/A	#N/A
R10/273	LKD	W16/273	34.11	5.19	94.95%	28.00	11.00	39.00
		W17/273	32.48			47.00	28.00	75.00
		W18/273	30.51			42.00	27.00	69.00
R11/273	LKD	W19/273	30.34	5.11	94.95%	42.00	27.00	69.00
		W20/273	31.84			48.00	28.00	76.00
		W21/273	32.42			32.00	15.00	47.00
R12/273	BEDROOM	W22/273	24.00	1.79	62.08%	27.00	10.00	37.00
R13/273	BEDROOM	W23/273	18.77	5.15	64.63%	22.00	18.00	40.00
		W24/273	14.48			13.00	10.00	23.00
R14/273	BEDROOM	W25/273	20.98	1.45	70.21%	25.00	4.00	29.00

Room/Floor	Room Use	Window			No Sky	%Sun		
			%VSC	%ADF	% of Room	Summer	Winter	Total
4th Floor								
R1/274	LKD	W1/274	27.13	8.00	100.00%	37.00	21.00	58.00
		W2/274	37.21			35.00	17.00	52.00
		W3/274	37.33			35.00	14.00	49.00
		W4/274	38.94			10.00	0.00	10.00
		W5/274	38.45			7.00	0.00	7.00
R2/274	BEDROOM	W6/274	38.64	6.88	97.35%	#N/A	#N/A	#N/A
		W7/274	38.39			#N/A	#N/A	#N/A
R3/274	BEDROOM	W8/274	39.60	4.72	96.15%	#N/A	#N/A	#N/A
		W9/274	39.60			#N/A	#N/A	#N/A
R4/274	LKD	W10/274	39.60	5.75	100.00%	12.00	0.00	12.00
		W11/274	39.60			12.00	0.00	12.00
		W12/274	39.61			33.00	11.00	44.00
		W13/274	39.61			33.00	11.00	44.00
		W14/274	34.25			53.00	21.00	74.00
R5/274	BEDROOM	W15/274	31.85	1.91	72.84%	#N/A	#N/A	#N/A
R6/274	BEDROOM	W16/274	37.95	10.42	64.90%	31.00	11.00	42.00
		W17/274	27.94			40.00	16.00	56.00
R7/274	LKD	W18/274	35.30	7.11	83.79%	33.00	11.00	44.00
		W19/274	38.12			56.00	28.00	84.00
		W20/274	38.27			58.00	28.00	86.00
R8/274	LKD	W21/274	38.17	7.29	83.79%	58.00	28.00	86.00
		W22/274	37.93			58.00	28.00	86.00
		W23/274	32.94			37.00	16.00	53.00
R9/274	BEDROOM	W24/274	26.45	10.13	64.88%	37.00	22.00	59.00
		W25/274	36.45			35.00	16.00	51.00
R10/274	BEDROOM	W26/274	32.40	1.72	71.89%	36.00	14.00	50.00