ABBEY ROAD – PHASE II

DAYLIGHT & SUNLIGHT REPORT

MAY 2020

REF. JR/19579

CONTENTS

APPENDICES

1.0 INTRODUCTION

Delva Patman Redler LLP have been instructed by Wates on behalf of the London Borough of Camden Council to assess the potential effects of the proposed development known as Abbey Road, Phase II on daylight and sunlight to existing neighbouring properties.

The site is located at Belsize Road, within the boundary of freehold title NGL18115 and is shown in the aerial photo in Figure 1 below.

The proposed development comprises of a Health and Community Centre (Use Class D1). The structure will be two floors (ground and first floor) as shown in the concept drawing from AHR Architects in Figure 2 below.

The daylight and sunlight study has been carried out using the assessment methodology recommended in the Building Research Establishment (BRE) Report 209, *Site Layout Planning for Daylight and Sunlight: A guide to good practice (second edition, 2011)* ("the BRE guide") and the Professional Guidance Note, *'Daylighting and sunlighting'* (1st edition, 2012), published by the Royal Institution of Chartered Surveyors.

A location drawing of the site and surrounding properties that have been assessed is attached at Appendix A. Our analysis results are attached in the remaining appendices.

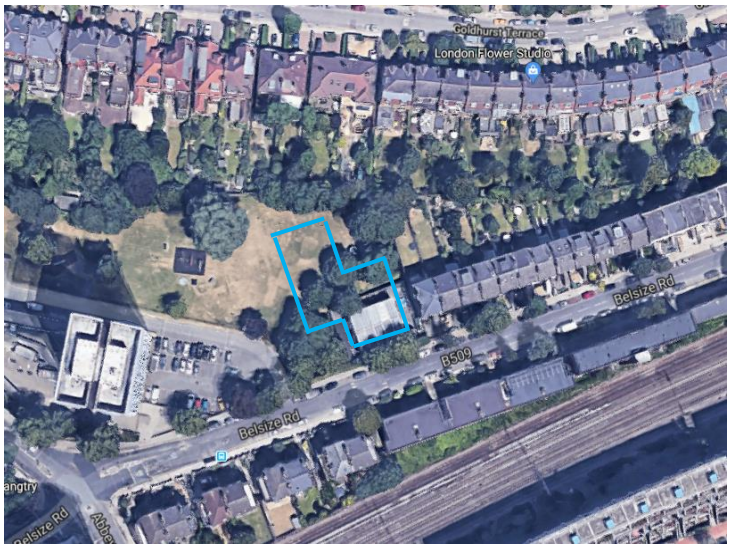


Figure 1 – Aerial photo of the site and surrounds (© Google)

Figure 2 – Concept drawing of proposed development (AHR Architects)

2.0 PLANNING POLICY & GUIDELINES

2.1 National Planning Policy and Guidance

National Planning Policy Framework (February 2019)

The National Planning Policy Framework (NPPF) (revised February 2019) sets out the Government's planning policies and how these should be applied. It provides a framework within which locally-prepared plans for housing and other development can be produced. The NPPF was revised in July 2018 and February 2019 with an emphasis on sustainable development and delivery of housing.

BRE Report 209, Site Layout Planning for Daylight and Sunlight: A guide to good practice

The BRE guide gives advice on site layout planning of development to retain good daylighting and sunlighting in existing surrounding buildings and to achieve it in new buildings. The guide states:

> *"(Its) main aim is … to help to ensure good conditions in the local environment, considered broadly, with enough sunlight and daylight on or between buildings for good interior and exterior conditions."*
>
> *"The guide is intended for building designers and their clients, consultants and planning officials. The advice given is not mandatory and the report should not be seen as a part of planning policy. Its aim is to help rather than constrain the designer."*
>
> *"Although it gives numerical guidelines, these should be interpreted flexibly because natural lighting is only one of the many factors in site layout design."*
>
> *"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… The calculation methods … are entirely flexible in this respect."*

2.2 Regional planning policy

The London Plan (March 2016)

'The London Plan – The Spatial Strategy for London Consolidated with Alterations since 2011' sets out the Mayor of London's spatial development strategy for London. It forms part of the development plan for Greater London, along with local plans of the London boroughs.

Policy 7.6, *Architecture*, states:

> *"Buildings and structures should … not cause unacceptable harm to the amenity of surrounding land and buildings, particularly residential buildings, in relation to privacy, overshadowing, wind and microclimate. This is particularly important for tall buildings."*

Mayor of London's Draft New London Plan (December 2019)

The Mayor of London's Draft New London Plan (December 2019) highlights intensification of land use as a means to support additional homes and workspaces in London.

Draft Policy GG2 '*Making the best use of land'* states:

> *"To create successful sustainable mixed-use places that make the best use of land, those involved in planning and development must:*
>
> *B prioritise sites which are well-connected by existing or planned public transport.*
>
> *C proactively explore the potential to intensify the use of land to support additional homes and workspaces, promoting higher density development, particularly in*

locations that are well-connected to jobs, services, infrastructure and amenities by public transport, walking and cycling

D applying a design–led approach to determine the optimum development capacity of sites."

Draft Policy D6 *'Housing quality and standards'* states:

D The design of development should provide sufficient daylight and sunlight to new and surrounding housing that is appropriate for its context, whilst avoiding overheating, minimising overshadowing and maximising the usability of outside amenity space."

Please note the GLA is currently reviewing and updating the London Plan, this has now been through Examination in Public and in March 2020 the secretary of State issued a range of directions and amendments in relation to the plan. The Mayor is now considering the proposed directions with a view to updating and adopting the plan in late 2020. Given the stage at which this plan is at, material weight is being given to the policies within the IP London Plan.

2.3 Local planning policy

The development site is located within the London Borough of Camden. It is understood that the Council's local planning policy seeks to reasonably safeguard daylight and sunlight amenity to existing surrounding properties and provide satisfactory daylight and sunlight amenity to future occupiers of new residential development.

The Camden Local Plan (2016)

Policy A1 Managing Impact of Development states:

"The Council will seek to protect the quality of life of occupiers and neighbours. We will grant permission for development unless this causes unacceptable harm to amenity.

We will:

a. Seek to ensure that the amenity of communities, occupiers and neighbours is protected;
b. Seek to ensure development contributes towards strong and successful communities by balancing the needs of development with the needs and characteristics of local areas and communities;
…"

Camden Planning Guidance, Amenity (March 2018)

Chapter 3, Daylight and Sunlight:

*"**Flexible consideration of daylight and sunlight:***

3.22 The council notes the intentions of the BRE document is to provide advice to developers and decision makers and therefore it should be regarded as a guide rather than policy

3.23 While we strongly support the aims of the BRE methodology for assessing sunlight and daylight we will consider the outcomes of the assessments flexibility where appropriate, taking into account site specific circumstances and context. For example, to enable new development to respect the existing layout and form in some historic areas, it may be necessary to consider expectations to the recommendations cited in the BRE guidance. Any exceptions will be assessed on a case-by-case basis.

3.0 ASSESSMENT METHODOLOGY

The technical assessments that underpin this daylight and sunlight study have been carried out in accordance with the assessment methodology recommended in the abovementioned BRE guide. The methodology is described below.

3.1 Daylight to existing buildings

The BRE guide states:

> *"In designing a new development or extension to a building, it is important to safeguard the daylight to nearby buildings.*
>
> *The guidelines given here are intended for use for rooms in adjoining dwellings where daylight is required, including living rooms, kitchens and bedrooms.*
>
> *Note that numerical values given here are purely advisory. Different criteria may be used based on the requirements for daylighting in an area viewed against other site layout constraints."*

To determine which buildings may need to be assessed, it states:

> *"If, for any part of the new development, the angle from the centre of the lowest affected window to the head of the new development is more than 25°, then a more detailed check is needed to find the loss of skylight to the existing buildings."*

To quantify the available daylight to existing neighbouring buildings, the BRE guide proposes two principal methods of measurement, neither of which carries more importance than the other, The tests involve:

i) calculating the vertical sky component (VSC) at the centre of each main window on the outside plane of the window wall, which measures the total amount of skylight available to that window; and

ii) plotting the no-sky line (NSL) on the working plane inside a room and measuring the area that can receive direct skylight, which assesses the distribution of daylight around the room.

The VSC is defined as:

> *"The amount of skylight falling on a vertical wall or window ... This is the ratio of the direct sky illuminance falling on the vertical wall at a reference point (usually the centre of the window), to the simultaneous horizontal illuminance under an unobstructed sky. The standard CIE … overcast sky is used, and the ratio is usually expressed as a percentage. The maximum value is almost 40% for a completely unobstructed vertical wall.*

The VSC therefore measures the daylight available at the window, but as it does not take account of the size or number of windows serving it, it does not measure light inside the room. The guide states:

> *"Any reduction in the total amount of skylight can be calculated by finding the VSC at the centre of each main window … For a bay window, the centre window facing directly outwards can be taken as the main window. If a room has two or more windows of equal size, the mean of their VSCs may be taken. The reference point is in the external plane of the window wall. Windows to bathrooms, toilets, storerooms, circulation areas and garages need not be analysed."*

The NSL test is described thus:

> *"Where room layouts are known, the impact on the daylighting distribution in the existing building can be found by plotting the 'no sky line' in each of the main rooms. For houses this would include living rooms, dining rooms and kitchens; bedrooms should also be analysed although they are less important. In non-domestic buildings each main room*

where daylight is expected should be investigated. The no sky line divides points on the working plane which can and cannot see the sky."

A third daylight test referred to in the BRE guide is the average daylight factor (ADF), which assesses the average level of daylight inside a room. It is a detailed calculation that takes account of the amount of sky visible at each of the windows serving the room, the glazed area of each window, the diffuse light transmittance of the glazing, the total surface area of the room and the reflectance of those surfaces. The recommended minimum ADF values for dwellings are 1% in bedrooms, 1.5% in living rooms and 2% in kitchens. For other uses where supplementary electric lighting is provided, such as in offices, an ADF value of 2% is recommended.

The ADF test is primarily intended for assessing daylight within new development, including neighbouring consented buildings that are not yet built but may be affected by other proposed development. However, it can be a useful supplementary test to run for existing neighbouring buildings, particularly those where the VSC or NSL recommendations would not be met, as understanding whether the retained ADF values would satisfy the guidelines for new dwellings may aid a more rounded and balanced judgement on the acceptability of the effects on VSC and NSL.

3.2 Sunlight to existing buildings

The BRE guide states:

"In designing a new development or extension to a building, care should be taken to safeguard the access to sunlight both for existing dwellings, and for any nearby non-domestic buildings where there is a particular requirement for sunlight.

Obstruction to sunlight may become an issue if:

- *some part of a new development is situated within 90˚ of due south of a main window wall of an existing building, and*
- *in the section drawn perpendicular to this existing window wall, the new development subtends an angle greater than 25˚ to the horizontal measured from the centre of the lowest window to a main living room.*

To assess loss of sunlight to an existing building, it is suggested that all main living rooms of dwellings, and conservatories, should be checked if they have a window facing within 90˚of due south. Kitchens and bedrooms are less important, although care should be taken not to block too much sun.

A point at the centre of the window on the outside face of the window wall may be taken [as the calculation point]."

To quantify the available sunlight, the BRE guide advises measuring the percentage of annual probable sunlight hours (APSH), which is defined as follows:

"'probable sunlight hours' means the total number of hours in the year that the sun is expected to shine on unobstructed ground, allowing for average levels of cloudiness for the location in question".

Probable sunlight hours is the long-term average of the total number of hours during a year in which direct sunlight reaches the unobstructed ground when clouds are taken into account.

The BRE publishes APSH indicators for three latitudes in the UK: London (51.5°N, 1486 unobstructed hours), Manchester (53.5°N, 1392 unobstructed hours) and Edinburgh (56°N, 1267 unobstructed hours). The assessment uses whichever indicator is nearest to the latitude of the proposed development.

The assessment calculates the percentage of APSH over the whole year (annual sunlight) and between 21 September and 21 March (winter sunlight).

3.3 Scope of assessment

Surrounding properties

We have scoped our assessment of the impact of the proposed development on daylight and sunlight to existing surrounding properties having regard to the recommendations in the BRE guide, including the above-mentioned preliminary 25° angle test and 90° orientation tests, and using professional judgement.

In theory, the BRE guidelines may be applied to non-domestic buildings where occupants have a reasonable expectation of daylight (including schools, hospitals, hotels and hostels, small workshops and some offices) and any with a specific requirement for sunlight. However, it is common practice for studies for planning applications to assess residential properties only, unless the neighbouring buildings are sensitive receptors with a greater requirement for daylight or sunlight, such as residential care homes, schools or patient wards in hospitals.

We have therefore assessed the potential impacts on the existing surrounding residential properties.

For neighbouring residential properties, the BRE guide regards bedrooms as less important for daylight and both kitchens and bedrooms as less important for sunlight. Bathrooms, toilets, storerooms, circulation areas and garages need not be analysed.

3.4 Method of assessment

We have used 3D computer modelling and specialist software to run the assessments recommended in the BRE guide.

Drawings of our 3D computer model used in our assessment are attached at Appendix A including the following:

- Site location plan showing the neighbouring properties assessed
- Key building heights drawing showing a 3D view in the existing and proposed conditions
- Window location drawings show the neighbouring windows that have been assessed

The numerical results of our daylight and sunlight calculations are tabulated and appended to this report. For the assessment of impact on surrounding properties the calculations have been run in both the existing and proposed conditions, so that the potential loss or gain in light is quantified. This is then presented, both on an absolute scale and a comparative scale, measuring the percentage loss of light or factor of former value for the light that will be retained.

4.0 RESEARCH UNDERTAKEN AND ASSUMPTIONS MADE

To aid accuracy of the assessment and interpretation of the results, we have carried out online searches to try to obtain floor plans for the neighbouring buildings, including from online planning application records and general estate agency websites. This is the approach recommended in the Professional Guidance Note, *'Daylighting and sunlighting'* (1st edition, 2012), published by the Royal Institution of Chartered Surveyors, which states:

> *"As a minimum, and subject to any limitations relating to a client instruction, surveyors should undertake searches of the local authority's planning portal to establish existing or proposed room layouts of neighbouring properties if they are available. This will ensure a robust approach and enable the surveyor to produce reliable information for daylight distribution analysis, or if average daylight factor (ADF) tests are appropriate … Surveyors should also use the internet to search for other relevant information, including estate agent details, which commonly include plans of properties that can also be useful in determining a room layout or use."*

Properties where we were able to find floor plans showing the internal layouts are listed in Table 1. The property reference numbers cross-refer to the location drawing at Appendix A.

Table 1 - Information sources for neighbouring buildings

Ref	Address	Information obtained
1	237 Goldhurst Terrace	Floor plans from historic planning application
2	235 Goldhurst Terrace	Floor plans from historic planning application
3	233 Goldhurst Terrace	Floor plans from historic planning application
4	231 Goldhurst Terrace	Floor plans from historic planning application
5	229 Goldhurst Terrace	Floor plans from historic planning application
6	170 Belsize Road	Floor plans from historic planning application
7	168 Belsize Road	Floor plans from historic planning application
8	166 Belsize Road	Floor plans from historic planning application
11	111 Belsize Road	Floor plans from historic planning application
12	113 Belsize Road	Floor plans from historic planning application
13	115 Belsize Road	Floor plans from historic planning application
14	117 Belsize Road	Floor plans from historic planning application
15	119 Belsize Road	Floor plans from historic planning application
19	127 Belsize Road	Floor plans from historic planning application

Where we have found drawings, we have based the room layouts and, where possible, the floor levels in our assessment model on the drawings, both for that building and any similar neighbouring buildings.

Where we were been unable to obtain drawings, we have made reasonable assumptions as to room layouts, room uses and floor levels within the neighbouring properties. Typically, that involves adopting a generic 4m-deep room for residential premises, unless the style of building suggests otherwise. In the absence of suitable plans, estimation is a conventional approach.

For the ADF assessment, we used the parameters stated in Table 2.

Table 2 – Parameters used in ADF calculations

Parameter	Value – Neighbouring Properties	Value – Proposed Dwellings
Maintenance factor (dirt on glass)	0.92 – urban residential	0.92 – urban residential
Diffuse light transmittance of glazing	0.68 – double glazing	0.68 – double glazing
Frame and glazing bar factor	0.85 – Metal frame	0.8 – metal frame, large pane
Internal surface reflectance	0.5 – BRE default mean value where finishes are not known	0.85 – white ceilings; 0.81 – pale cream walls, 0.4 – light wood floors

5.0 SIGNIFICANCE CRITERIA

5.1 BRE standard numerical guidelines

Surrounding properties

The BRE guide sets out numerical guidelines against which the potential effects of proposed development on daylight and sunlight to surrounding properties may be assessed. The default numerical guidelines are summarised in Table 3 below.

Table 3 - BRE numerical criteria for neighbouring properties

Issue	BRE Default Criteria
Daylight to neighbouring buildings	Daylight will be adversely affected if either: • the vertical sky component (VSC) measured at the centre of the window is reduced to less than 27% and less than 0.8 times its former value, or • the area of the working plane in a room which can receive direct skylight, i.e. is within no-sky line (NSL), is reduced to less than 0.8 times its former value.
Sunlight to neighbouring buildings	Sunlight will be adversely affected if the centre of the window will: • receive less than 25% of annual probable sunlight hours (APSH) or less than 5% APSH during the winter months (21 September to 21 March) and • less than 0.8 times its former sunlight hours during either period and • the reduction in sunlight over the whole year will be greater than 4% APSH.

In short, the BRE guidelines work on the general principle that, except where certain minimum values are retained (i.e. 27% VSC, 25% APSH annually, 5% APSH in winter and 50% of a garden/amenity space receiving at least two hours of sunlight), a reduction in light to less than 0.8 times its former value (i.e. more than 20% reduction) will be noticeable to the occupiers.

6.0 BASELINE CONDITION FOR NEIGHBOURING PROPERTIES

An analysis has been undertaken of the daylight and sunlight levels in the neighbouring buildings and amenity spaces in the baseline condition with the existing site massing in place. The existing condition of the site is shown in the drawings located in Appendix A.

The proposed development site is vacant and currently a open green space. The development site is only a small part of a larger freehold title, which also includes a large area of open space and two residential towers.

The daylight and sunlight levels in the baseline condition are shown in the results tables in Appendix B under the 'Existing' column headings.

It is against this baseline condition that the effects of the proposed development have been assessed.

7.0 EFFECTS OF PROPOSED DEVELOPMENT ON NEIGHBOURING PROPERTIES

7.1 Daylight to neighbouring properties

VSC and NSL

The results of the VSC and NSL analysis are tabulated in Appendix B and summarised, on a room basis, in Table 4 below.

Table 4 – Summary of VSC and NSL effects on rooms in existing neighbouring properties

Address	Total no. of rooms tested	No. of rooms meeting VSC guidelines	No. of rooms with impacts outside VSC guidelines	No. of rooms meeting NSL guideline	No. of rooms with impacts outside NSL guidelines	No. of rooms with impacts outside VSC or NSL guidelines
237 Goldhurst Terrace	4	4	0	4	0	0
235 Goldhurst Terrace	4	4	0	4	0	0
233 Goldhurst Terrace	4	4	0	4	0	0
231 Goldhurst Terrace	6	6	0	6	0	0
229 Goldhurst Terrace	7	7	0	7	0	0
170 Belsize Road	4	4	0	4	0	0
168 Belsize Road	7	7	0	7	0	0
166 Belsize Road	8	8	0	8	0	0
164 Belsize Road	7	7	0	7	0	0
109 Belsize Road	17	17	0	17	0	0
111 Belsize Road	17	17	0	17	0	0
113 Belsize Road	18	18	0	18	0	0
115 Belsize Road	4	4	0	4	0	0
117 Belsize Road	5	5	0	5	0	0
119 Belsize Road	5	5	0	5	0	0
121 Belsize Road	5	5	0	5	0	0
123 Belsize Road	5	5	0	5	0	0
125 Belsize Road	5	5	0	5	0	0
Total	**132**	**132**	**0**	**132**	**0**	**0**

Table 4 shows that of the all (100%) habitable rooms assessed in neighbouring properties would satisfy the VSC guidelines and NSL guidelines (daylight distribution) - see criteria in Table 3.

Overall the proposed scheme would have no material impact on daylight to the neighbouring residential properties.

ADF (supplementary test)

The results of the supplementary daylight test for ADF are tabulated in Appendix B and summarised in Table 5 below.

Table 5 - Number of rooms experiencing ADF effects as a result of the proposed development

Address	Total number of rooms tested	Number of rooms meeting ADF guidelines	Number of rooms below ADF guidelines
237 Goldhurst Terrace	4	4	0
235 Goldhurst Terrace	4	4	0
233 Goldhurst Terrace	4	4	0
231 Goldhurst Terrace	6	6	0
229 Goldhurst Terrace	7	7	0
170 Belsize Road	4	4	0

Address	Total number of rooms tested	Number of rooms meeting ADF guidelines	Number of rooms below ADF guidelines
168 Belsize Road	7	7	0
166 Belsize Road	8	8	0
164 Belsize Road	7	7	0
109 Belsize Road	17	17	0
111 Belsize Road	17	17	0
113 Belsize Road	18	18	0
115 Belsize Road	4	4	0
117 Belsize Road	5	5	0
119 Belsize Road	5	5	0
121 Belsize Road	5	5	0
123 Belsize Road	5	5	0
125 Belsize Road	5	5	0
Total	**132**	**132**	**0**

Table 5 shows that all (100%) of the rooms assessed in the neighbouring properties would satisfy with the BRE guidelines for ADF.

7.2 Sunlight to neighbouring properties

The results of the annual and winter sunlight analyses are tabulated in Appendix B and summarised Table 6 below.

Table 6 - Number of rooms experiencing APSH effects as a result of the proposed development

Address	Total number of windows tested	Number of windows meeting APSH guidelines	Number of windows with impacts beyond APSH guidelines
237 Goldhurst Terrace	3	3	0
235 Goldhurst Terrace	5	5	0
233 Goldhurst Terrace	6	6	0
231 Goldhurst Terrace	5	5	0
229 Goldhurst Terrace	9	9	0
170 Belsize Road	9	4	5
166 Belsize Road	3	3	0
Total	**40**	**35**	**5**

Table 6 shows that of the 40 windows assessed in 7 neighbouring properties, 35 (87.50%) would satisfy the BRE guidelines for annual APSH. The table also shows that 37 windows of the 40 total (92.5%) would satisfy the BRE guidelines for winter APSH.

It is noted that the transgression within 170 Belsize Road relates to a conservatory on the ground floor. The room itself is served by 9 windows in total, most of which have a northern orientation. This room was included in the APSH assessment because it has 1 vertical window and 2 angled skylights with a slight southern orientation. Given the mostly northern orientation, the secondary living room use and 9 different window panes serving the space, this result is not considered material.

Overall, the level of windows that satisfy the BRE guidelines is high considering both annual and winter sunlight. 1 room has windows that will be impacted by the development.

8.0 CONCLUSION

The site is in an urban location surrounded by open space,

The proposed development site is vacant and currently open green space. The development site is only a small part of a larger freehold title, which also includes a large area of open space and two residential towers.

The proposed development involves a Health and Community Centre. The structure will be two floors (ground and first floor) in height.

We have assessed the potential effects of the proposed development on daylight and sunlight to surrounding residential properties, using the methodology recommended in the BRE guidelines, *Site Layout Planning for Daylight and Sunlight: A guide to good practice (second edition, 2011)*. The assessment has been run in the existing baseline and proposed development conditions and the potential effects of the proposed development have been quantified.

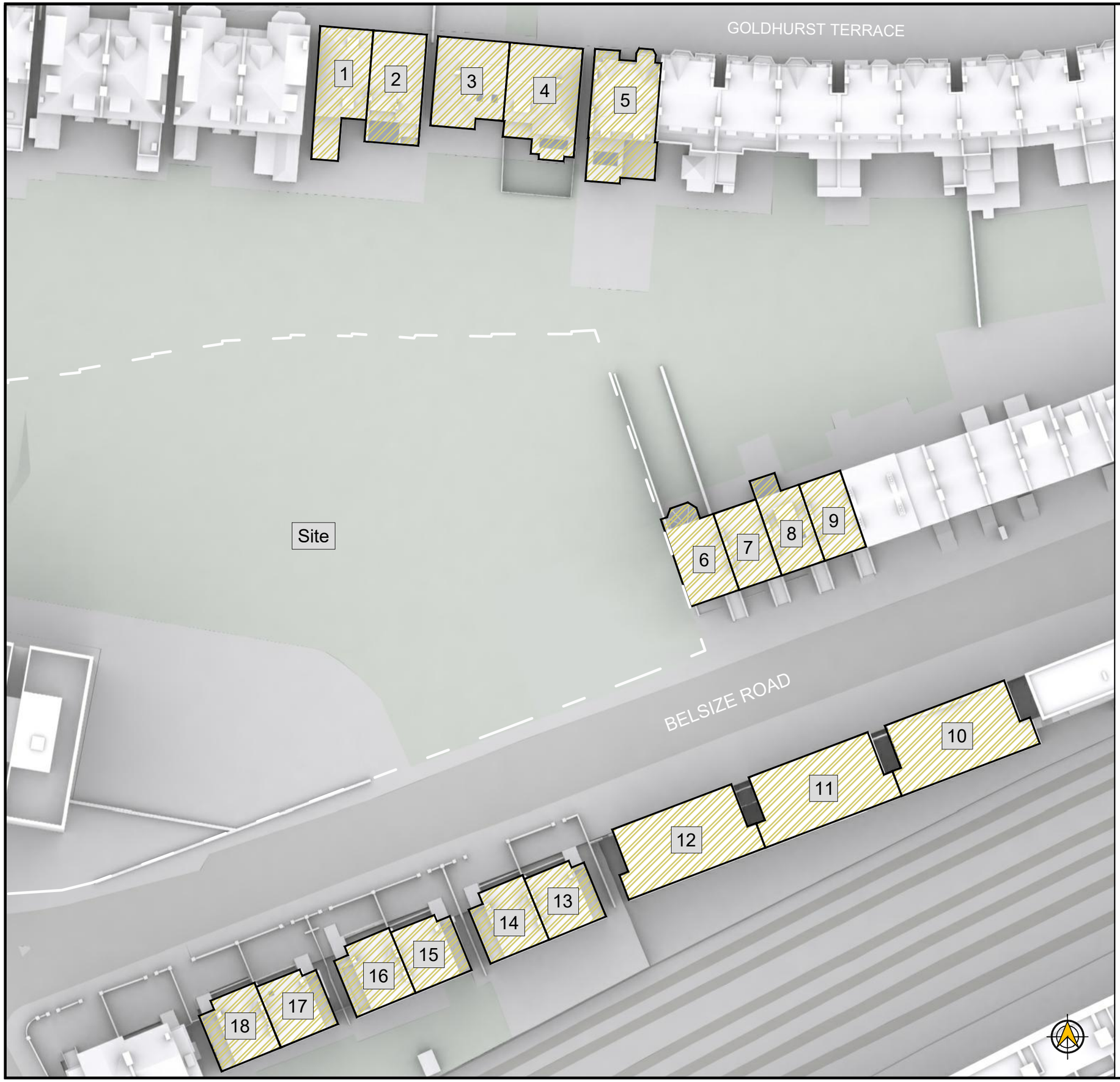
There will be no daylight adverse impacts to surrounding residential properties due to the development in accordance with the BRE guidelines. There will only be one conservatory that may incur an adverse impact, in relation to sunlight, to its windows. This room is served by 9 windows in total with only 3 with a slight southern orientation. This result is not considered material. All other windows assessed for sunlight will satisfy the BRE guidelines.

In conclusion, it is submitted that the layout of the proposed development is consistent with the Council's local planning policy on daylight and sunlight.

Delva Patman Redler LLP
Chartered Surveyors

APPENDIX A

LOCATION DRAWINGS



NEIGHBOURING PROPERTIES CONSIDERED FOR ANALYSIS

1: 237 Goldhurst Terrace:
Dwg No: 19579-LOC-001

2: 235 Goldhurst Terrace:
Dwg No: 19579-LOC-002

3: 233 Goldhurst Terrace:
Dwg No: 19579-LOC-003

4: 231 Goldhurst Terrace:
Dwg No: 19579-LOC-004

5: 229 Goldhurst Terrace:
Dwg No: 19579-LOC-005

6: 170 Belsize Road:
Dwg No: 19579-LOC-006

7: 168 Belsize Road:
Dwg No: 19579-LOC-007

8: 166 Belsize Road:
Dwg No: 19579-LOC-008

9: 164 Belsize Road:
Dwg No: 19579-LOC-009

10: 109 Belsize Road:
Dwg No: 19579-LOC-010

11: 111 Belsize Road:
Dwg No: 19579-LOC-011

12: 113 Belsize Road:
Dwg No: 19579-LOC-012

13: 115 Belsize Road:
Dwg No: 19579-LOC-013

14: 117 Belsize Road:
Dwg No: 19579-LOC-014

15: 119 Belsize Road:
Dwg No: 19579-LOC-015

16: 121 Belsize Road:
Dwg No: 19579-LOC-016

17: 123 Belsize Road:
Dwg No: 19579-LOC-017

18: 125 Belsize Road:
Dwg No: 19579-LOC-018

NO DIMENSIONS TO BE SCALED FROM THIS DRAWING

KEY:

Existing	Consented
Proposed	Cumulative
Neighboring Property	Cutback Envelope

SOURCE DATA:
Existing and surrounding buildings:
AccuCities - 3D context Mode
DPR - 3D Survey
19579-Belsize Rd Phase 2 Master Model.dwgl

NOTES:

REV	Description	Drawn	Ch'kd	Date
A	Terrain updated	IM		27.05.2020

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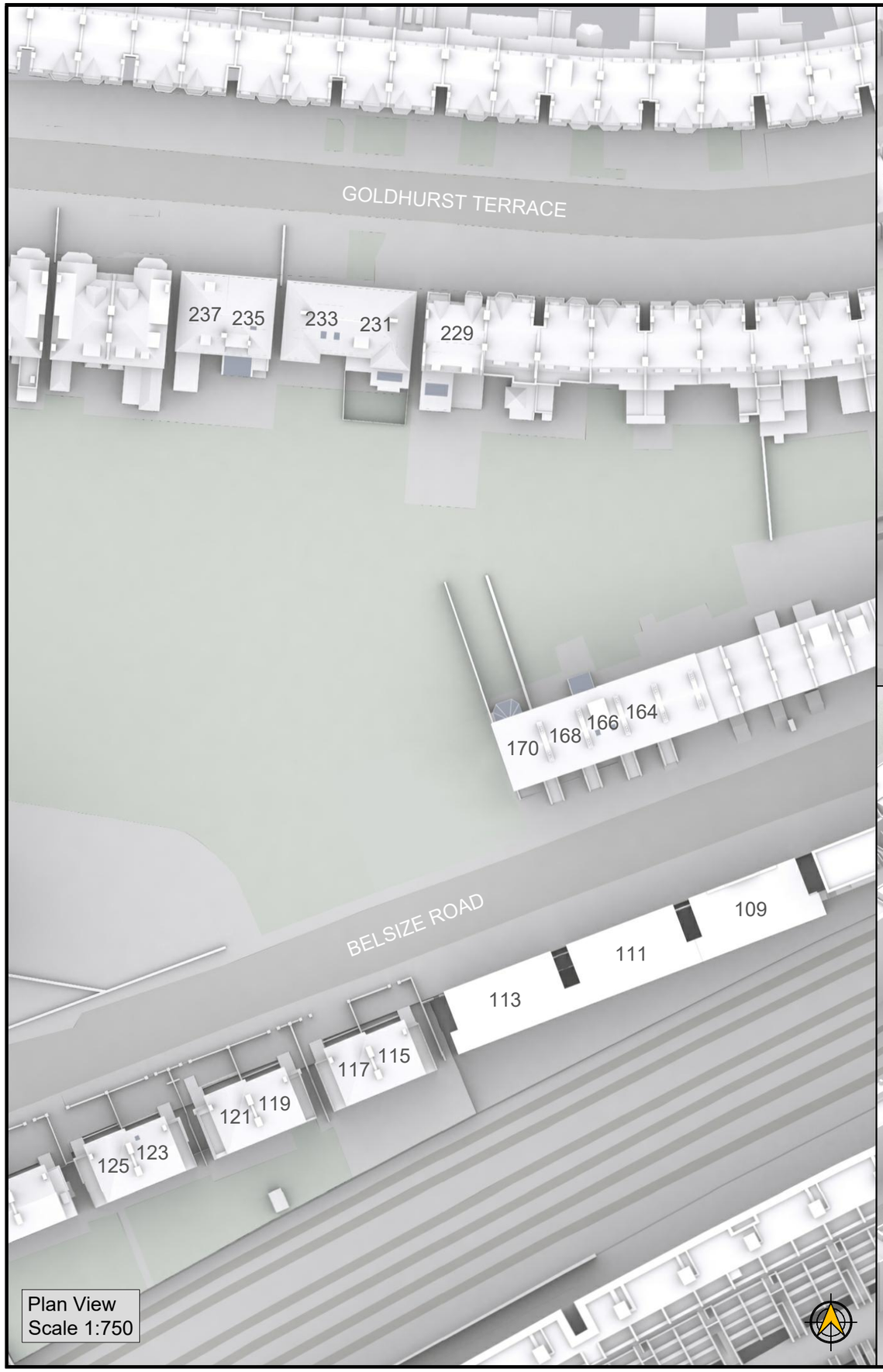
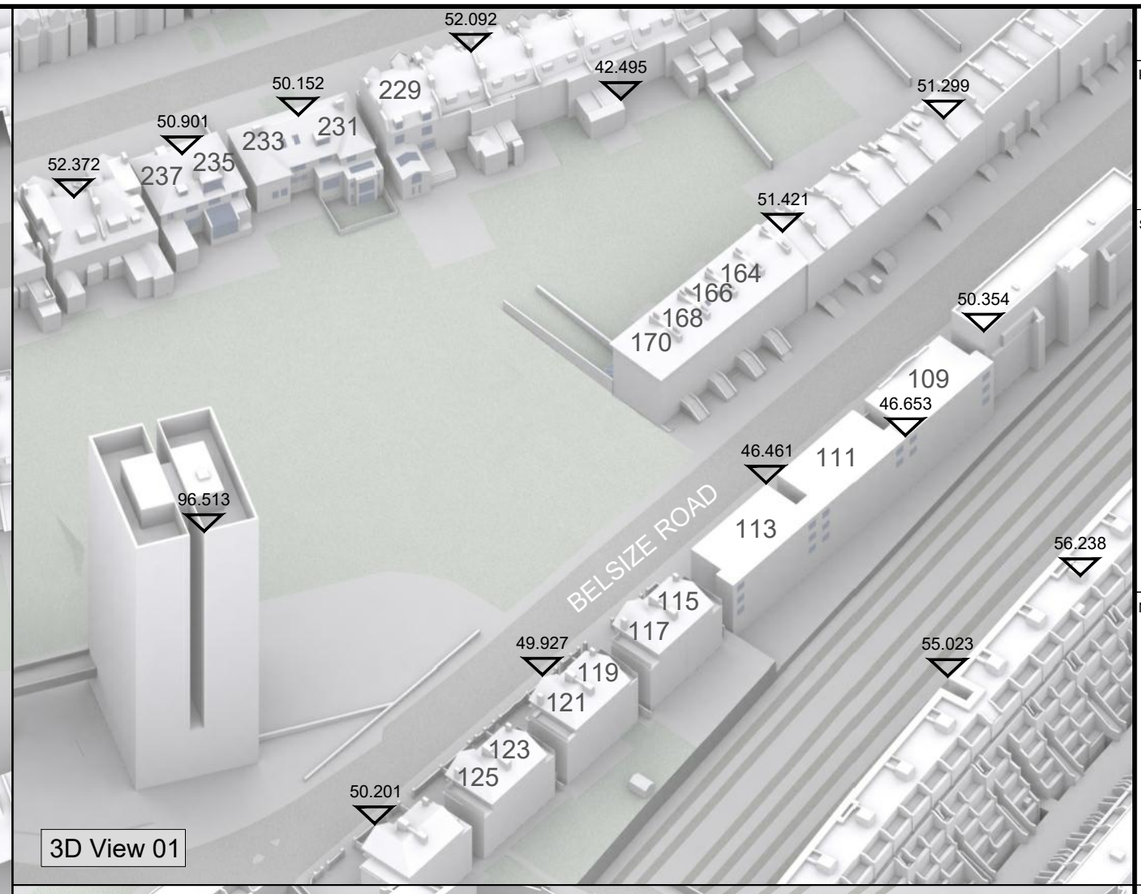
TITLE:
ABBEY ROAD
LONDON, NW6 4DW

DRAWING:
LOCATION PLAN
Plan View

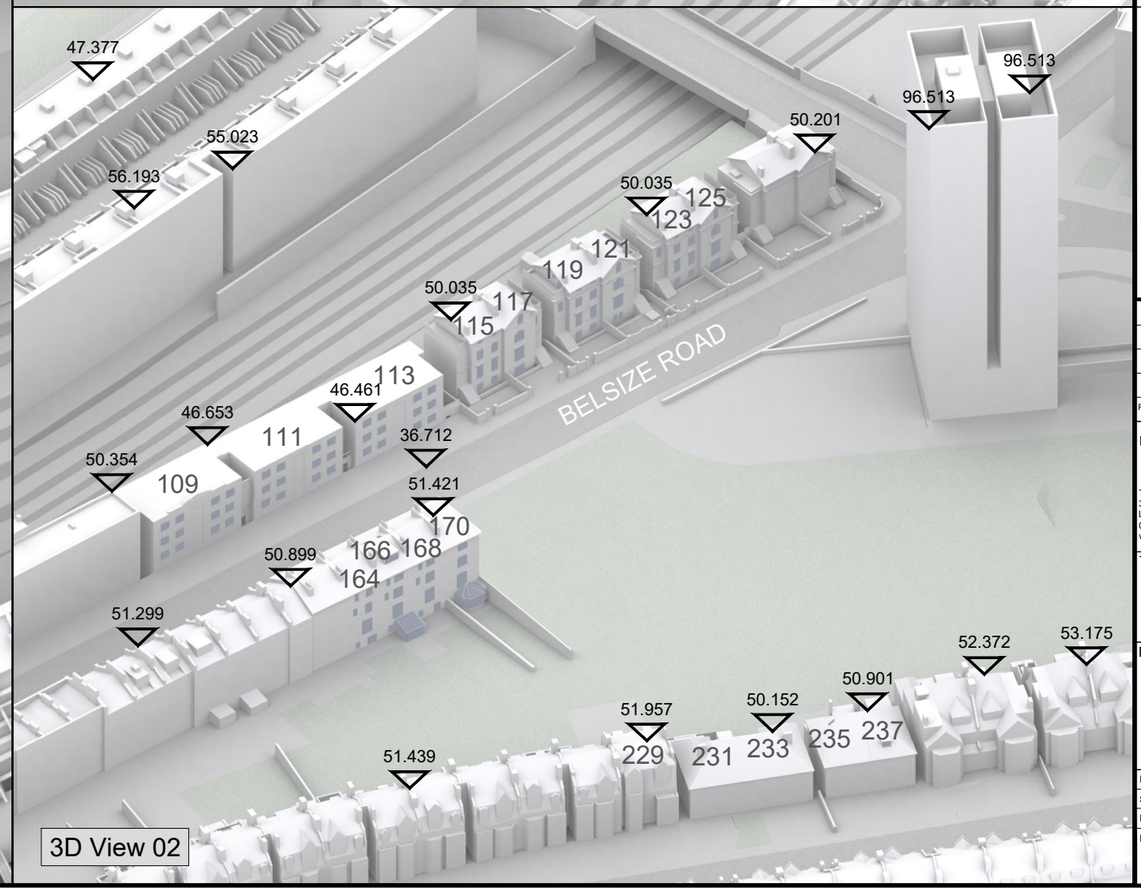
DRAWN: IM	JOB NBR: 19579
SCALE: NTS	
DATE: 27.05.2020	
DWG NO: LOC-DS-001	REV: A



Plan View
Scale 1:750



3D View 01



3D View 02

NO DIMENSIONS TO BE SCALED FROM THIS DRAWING

KEY:

- Existing
- Consented
- Proposed
- Cumulative
- Neighboring Property
- Cutback Envelope

SOURCE DATA:

Existing and surrounding buildings:
AccuCities - 3D context Mode
DPR - 3D Survey
19579-Belsize Rd Phase 2 Master Model.dwgl

NOTES:

All heights given in m AOD

REV	Description	Drawn	Ch'kd	Date
A	Terrain updated	IM		27.05.2020

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info@delvapatmanredler.co.uk

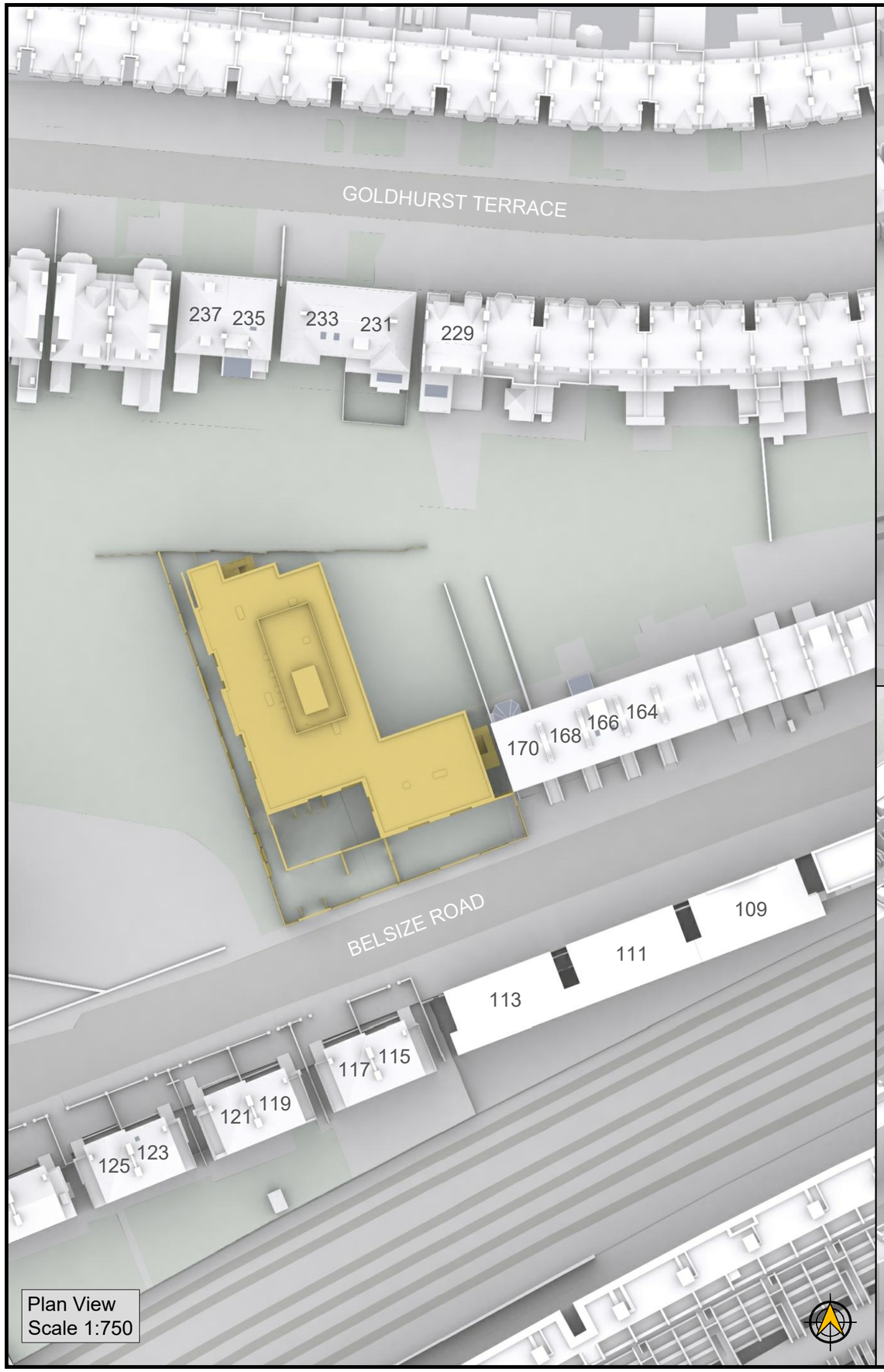
TITLE:

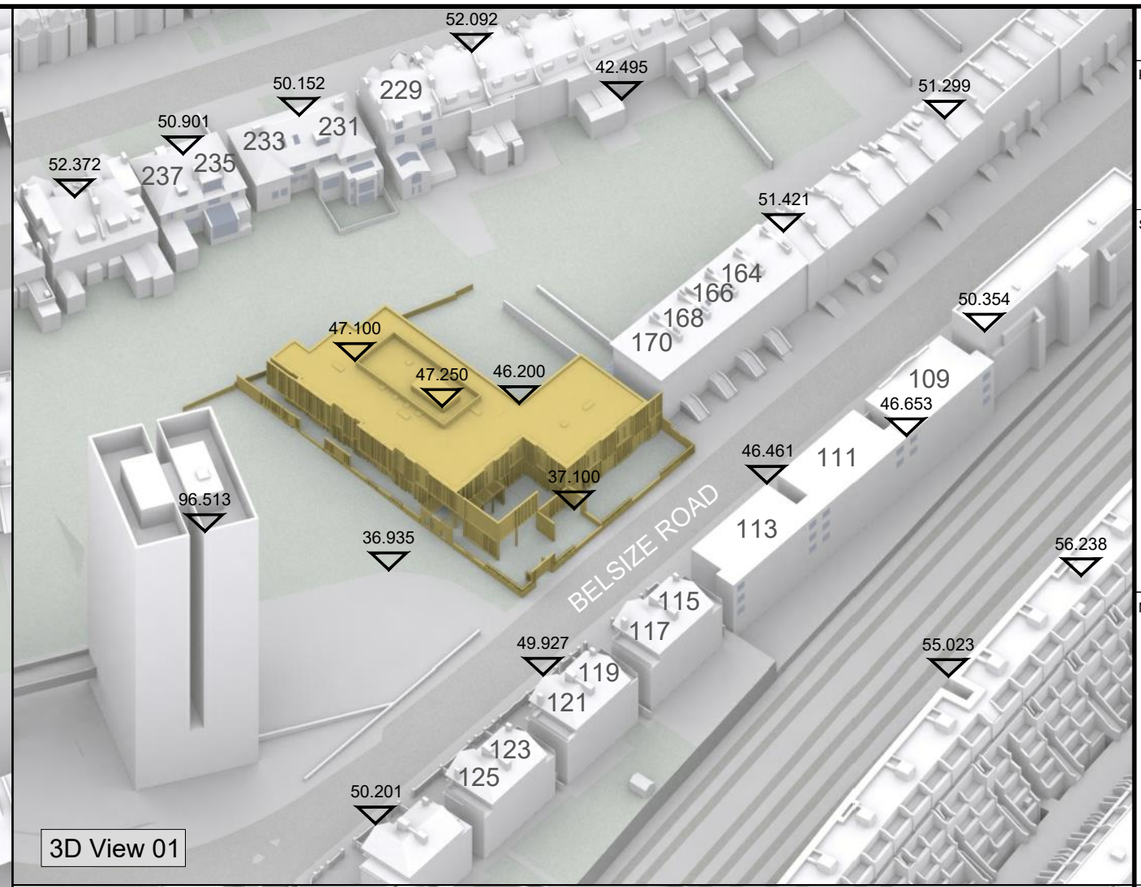
ABBEY ROAD
LONDON, NW6 4DW

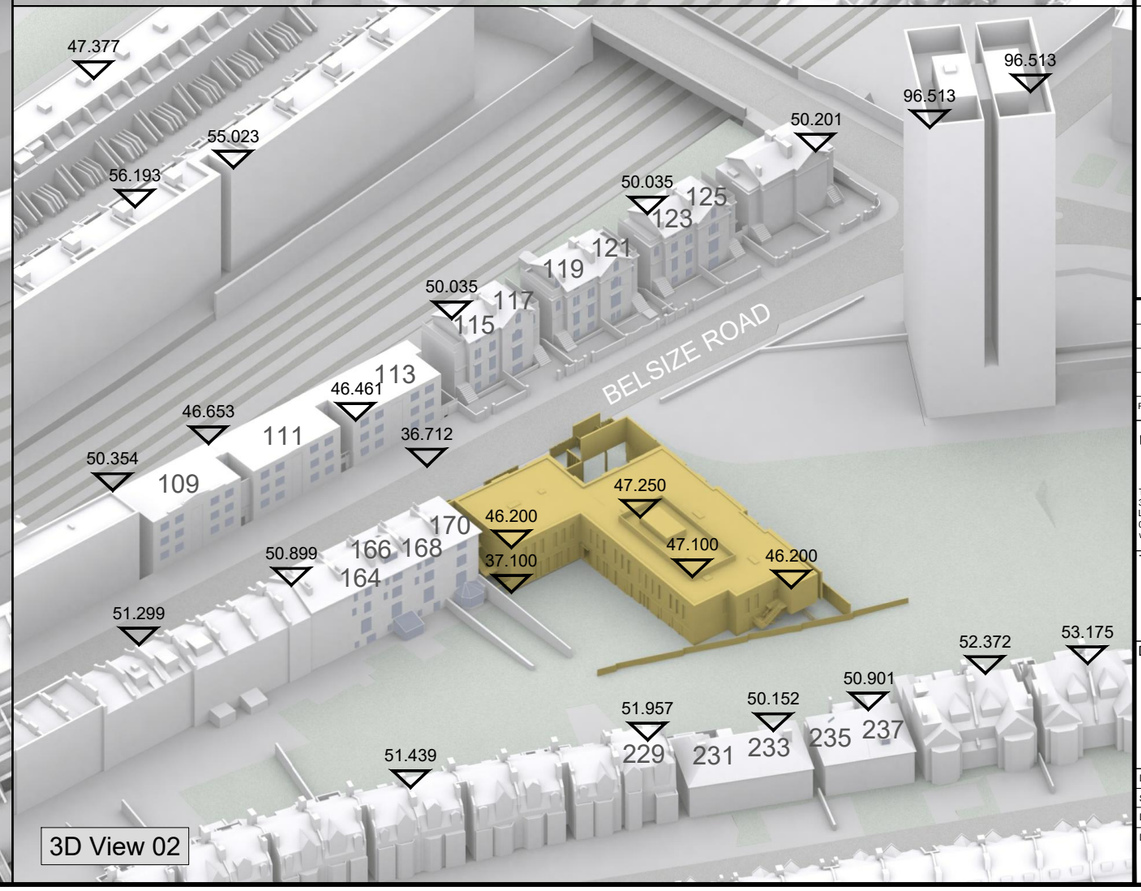
DRAWING:

EXISTING SCENARIO
Plan and 3D Views

DRAWN: IM	JOB NBR: 19579
SCALE: NTS	
DATE: 27.05.2020	
DWG NO: EX-001	REV: A







NO DIMENSIONS TO BE SCALED FROM THIS DRAWING

KEY:

Existing	Consented
Proposed	Cumulative
Neighboring Property	Cutback Envelope

SOURCE DATA:

Existing and surrounding buildings:
AccuCities - 3D context Mode
DPR - 3D Survey
19579-Belsize Rd Phase 2 Master Model.dwg

Proposed Scheme:
AHR Architects - 3D model received 18.05.2020
508000-AHR-ZZ-XX-M3-A-0002-3D CAD FILE.dwg
Drwg no's: 50800-AHR-ZZ-00-DR-A-2000,
50800-AHR-ZZ-01-DR-A-2000,
50800-AHR-ZZ-ELE-DR-A-2010,
50800-AHR-ZZ-RF-DR-A-2000,
50800-AHR-ZZ-SEC-DR-A-2030

NOTES:

All heights given in m AOD

REV	Description	Drawn	Ch'kd	Date

DELVA PATMAN REDLER
Chartered Surveyors

Thavies Inn House
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020 7936 3668
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The Plaza
100 Old Hall Street
Liverpool L3 9QJ
0151 242 0980
info@delvapatmanredler.co.uk

TITLE:

ABBEY ROAD
LONDON, NW6 4DW

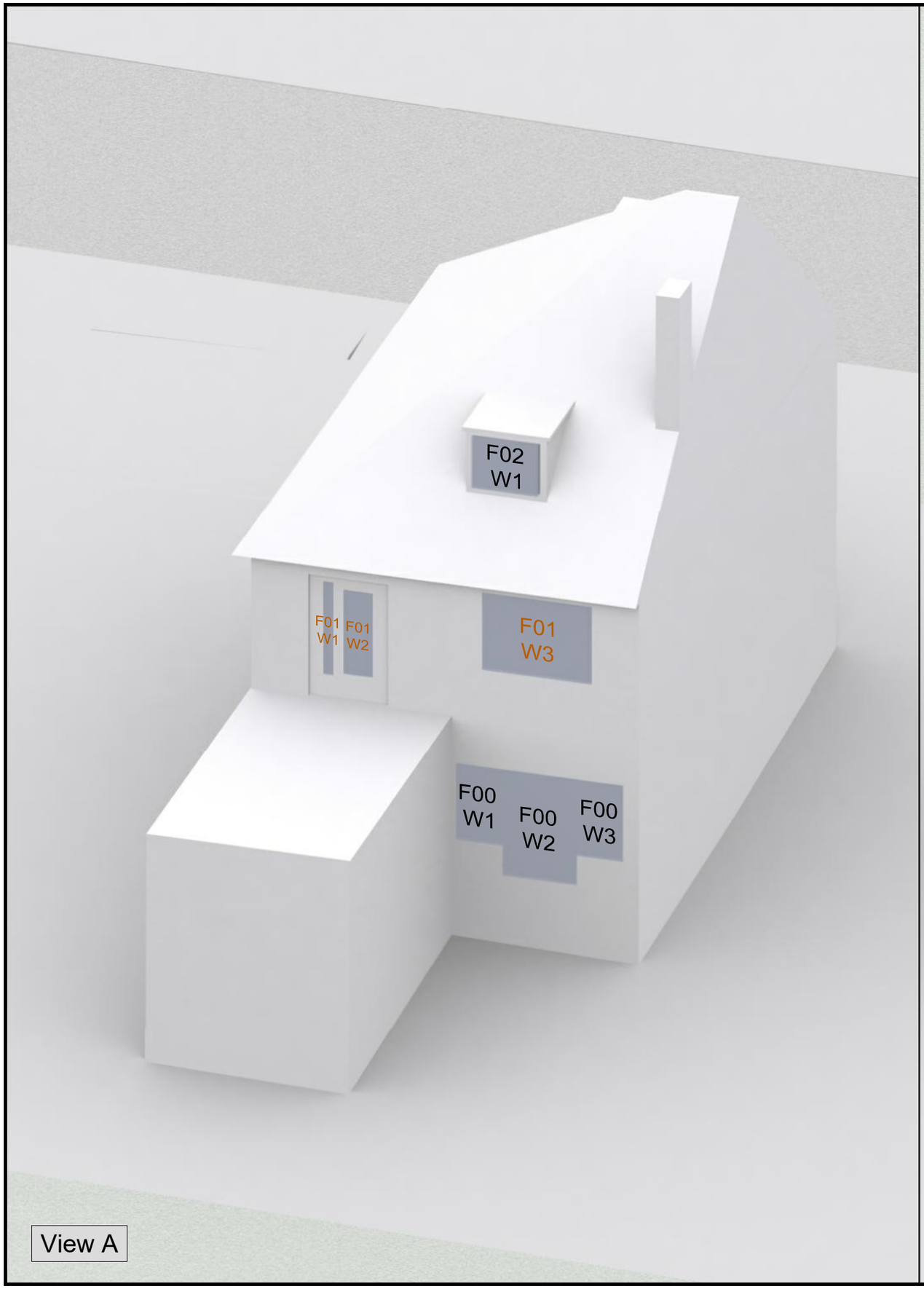
DRAWING:

PROPOSED SCENARIO
Plan and 3D Views

DRAWN: IM	JOB NBR: 19579
SCALE: NTS	
DATE: 20.05.2020	
DWG NO: PR-002	REV: -

APPENDIX B

DAYLIGHT & SUNLIGHT ANALYSIS RESULTS – NEIGHBOURING PROPERTIES



View A

View B

NO DIMENSIONS TO BE SCALED FROM THIS DRAWING

KEY:

W1 Windows tested Daylight only

W1 Windows tested Daylight & Sunlight

SOURCE DATA:

Existing and surrounding buildings:
AccuCities - 3D context Mode
DPR - 3D Survey
19579-Belsize Rd Phase 2 Master Model.dwgl

NOTES:

Layouts obtained from local authority website

J.Stuart Dyos
Drwg no's: CTP/H5/12/6/9456: 7.03, 7.01

REV	Description	Drawn	Ch'kd	Date
A	Terrain updated	IM		27.05.2020

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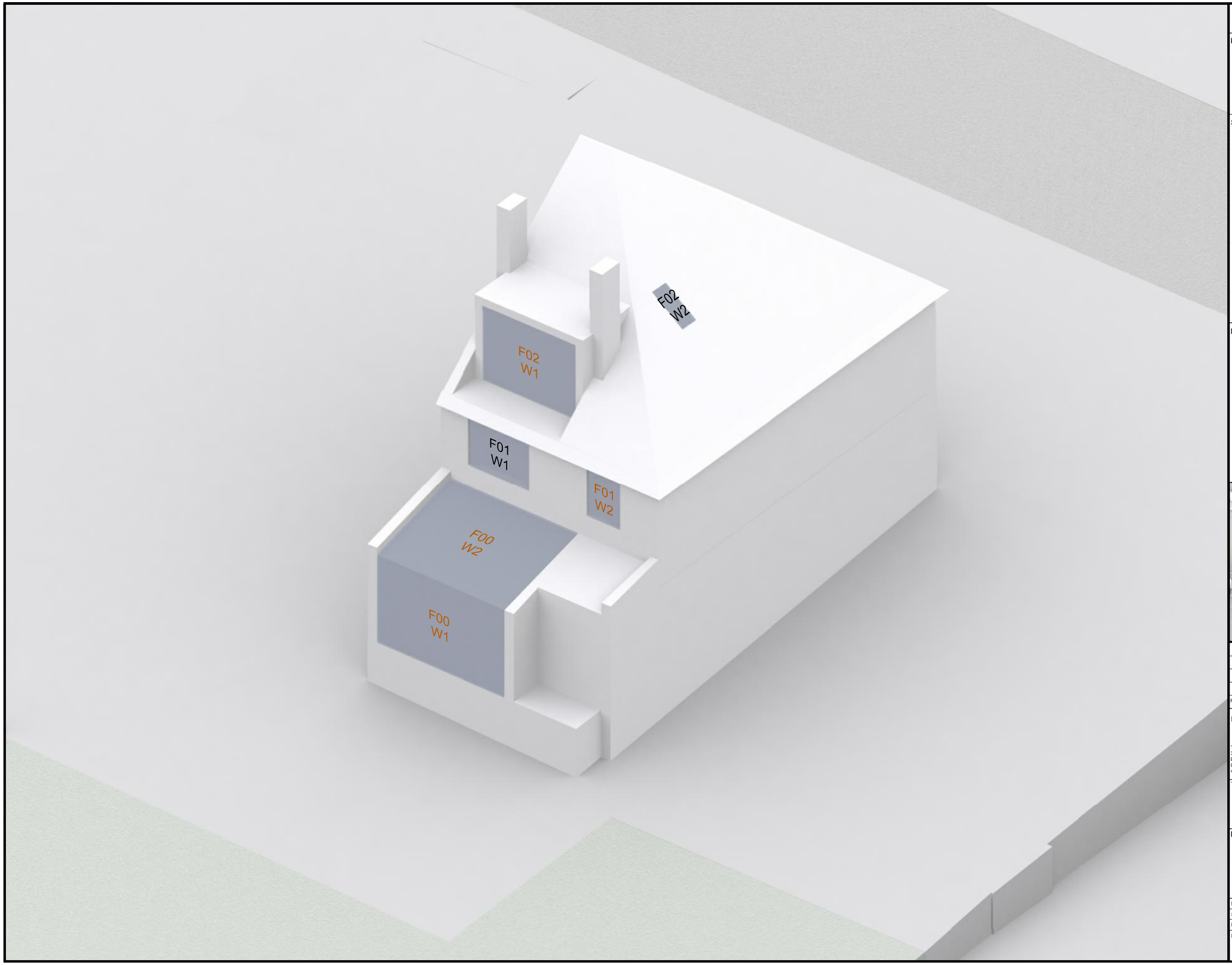
TITLE:

ABBEY ROAD
LONDON, NW6 4DW

DRAWING:

KEY WINDOW LOCATIONS
237 Goldhurst Terrace

DRAWN: IM	JOB NBR: 19579
SCALE: NTS	
DATE: 27.05.2020	
DWG NO: LOC-001	REV: A



NO DIMENSIONS TO BE SCALED FROM THIS DRAWING

KEY:

W1 Windows tested Daylight only

W1 Windows tested Daylight & Sunlight

SOURCE DATA:

Existing and surrounding buildings:
AccuCities - 3D context Mode
DPR - 3D Survey
19579-Belsize Rd Phase 2 Master Model.dwgl

NOTES:

Layouts obtained from local authority website

Thorne + Thorne - ground floor plans
Drwg no's: mc/11/51, mc/11/52, mc/11/53
Other floor levels assumed

REV	Description	Drawn	Ch'kd	Date
A	Terrain updated	IM		27.05.2020

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TITLE:

ABBEY ROAD
LONDON, NW6 4DW

DRAWING:

KEY WINDOW LOCATIONS
235 Goldhurst Terrace

DRAWN: IM	JOB NBR: 19579
SCALE: NTS	
DATE: 27.05.2020	
DWG NO: LOC-002	REV: A

NO DIMENSIONS TO BE SCALED FROM THIS DRAWING

KEY:

W1 Windows tested Daylight only

W1 Windows tested Daylight & Sunlight

SOURCE DATA:

Existing and surrounding buildings:
AccuCities - 3D context Mode
DPR - 3D Survey
19579-Belsize Rd Phase 2 Master Model.dwgl

NOTES:

Layouts obtained from estate agent particulars

REV	Description	Drawn	Ch'kd	Date
A	Terrain updated	IM		27.05.2020

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Liverpool L3 9QJ
0151 242 0980
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TITLE:

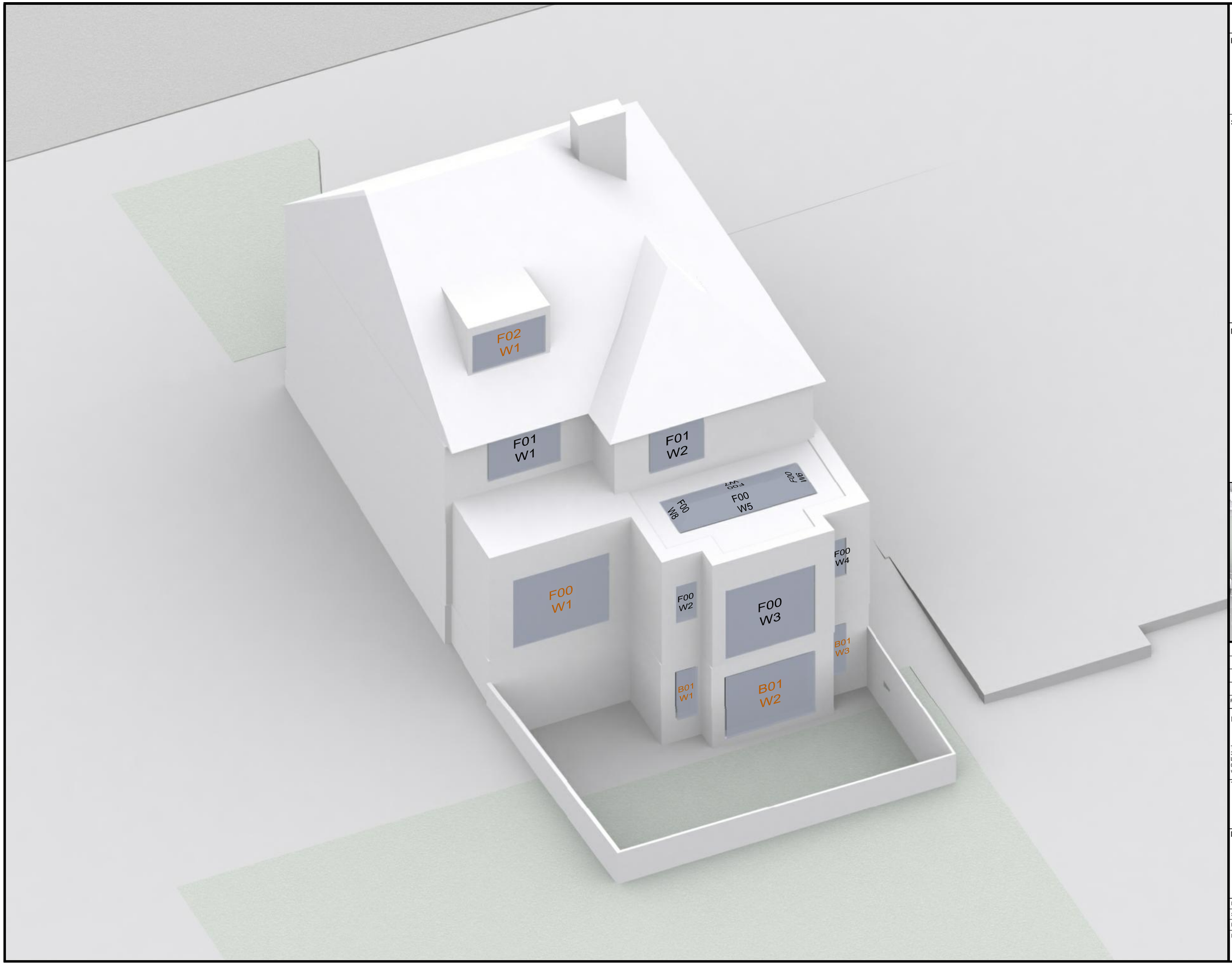
ABBEY ROAD
LONDON, NW6 4DW

DRAWING:

KEY WINDOW LOCATIONS
233 Goldhurst Terrace

DRAWN: IM	JOB NBR: 19579
SCALE: NTS	
DATE: 27.05.2020	

DWG NO:	REV:
LOC-003	A



NO DIMENSIONS TO BE SCALED FROM THIS DRAWING

KEY:

W1 Windows tested Daylight only

W1 Windows tested Daylight & Sunlight

SOURCE DATA:

Existing and surrounding buildings:
AccuCities - 3D context Mode
DPR - 3D Survey
19579-Belsize Rd Phase 2 Master Model.dwgl

NOTES:

Layouts obtained from local authority website

MURRAY-SMITH Architects
Drwg no's: Z-S13:PR02 to Z-S13-PR11

REV	Description	Drawn	Ch'kd	Date
A	Terrain updated	IM		27.05.2020

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TITLE:

ABBEY ROAD
LONDON, NW6 4DW

DRAWING:

KEY WINDOW LOCATIONS
231 Goldhurst Terrace

DRAWN: IM	JOB NBR: 19579
SCALE: NTS	
DATE: 27.05.2020	
DWG NO: LOC-004	REV: A

View A

View B

NO DIMENSIONS TO BE SCALED FROM THIS DRAWING

KEY:

W1 Windows tested Daylight only

W1 Windows tested Daylight & Sunlight

SOURCE DATA:

Existing and surrounding buildings:
AccuCities - 3D context Mode
DPR - 3D Survey
19579-Belsize Rd Phase 2 Master Model.dwgl

NOTES:

Layouts obtained from local authority website

BB PARTNERSHIP Architects
Drwg no's: COM 20 to COM 28

REV	Description	Drawn	Ch'kd	Date
A	Terrain updated	IM		27.05.2020

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Liverpool L3 9QJ
0151 242 0980
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TITLE:

ABBEY ROAD
LONDON, NW6 4DW

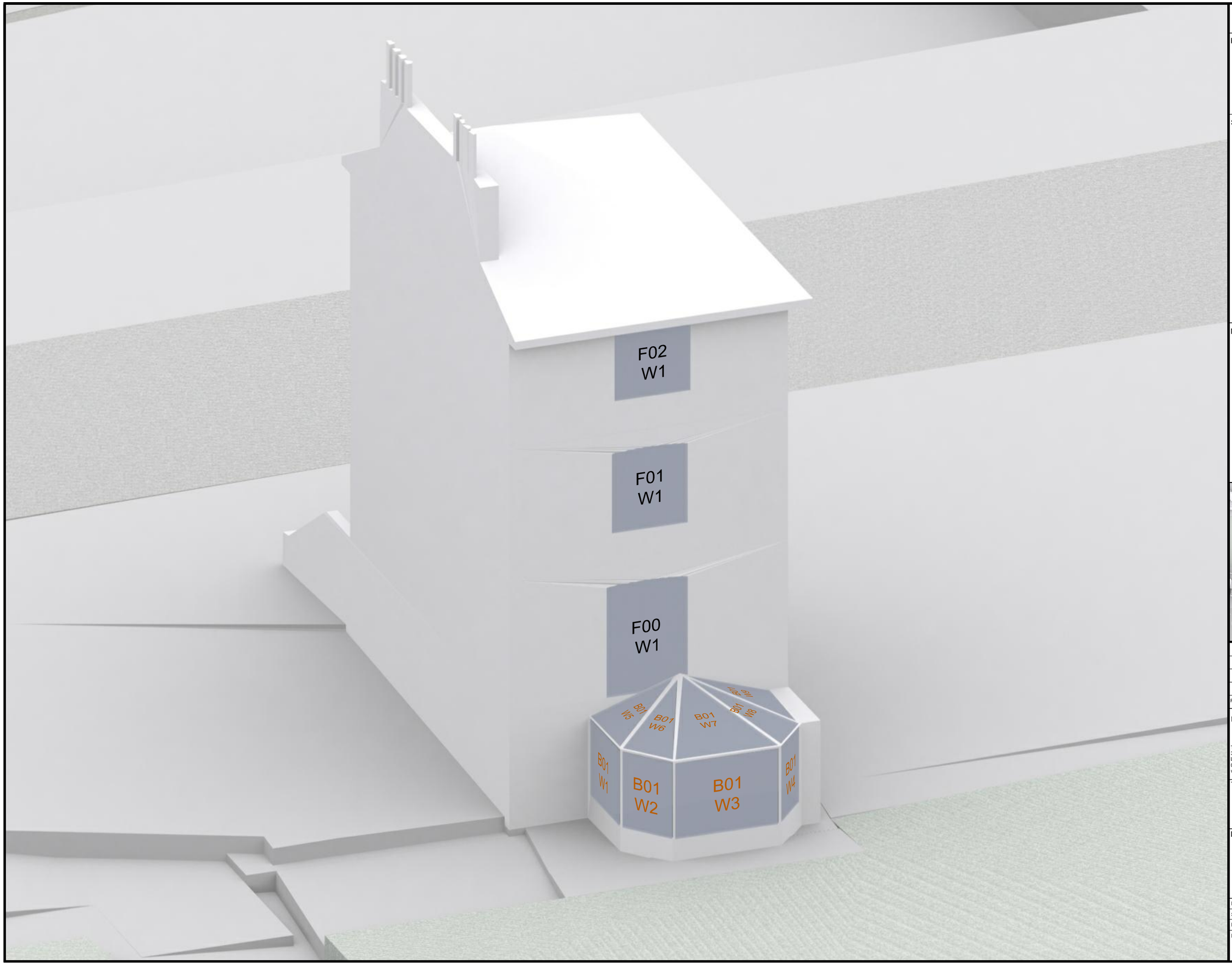
DRAWING:

KEY WINDOW LOCATIONS
229 Goldhurst Terrace

DRAWN: IM	JOB NBR: 19579
SCALE: NTS	
DATE: 27.05.2020	

DWG NO: LOC-005

REV: A



NO DIMENSIONS TO BE SCALED FROM THIS DRAWING

KEY:

W1 Windows tested Daylight only

W1 Windows tested Daylight & Sunlight

SOURCE DATA:

Existing and surrounding buildings:
AccuCities - 3D context Mode
DPR - 3D Survey
19579-Belsize Rd Phase 2 Master Model.dwgl

NOTES:

Layouts obtained from local authority website

Studio 136 architects - ground floor plans
Drwg no: ST_DEC16_170BEL_01

Upper floor layouts obtained from estate agent particulars

REV	Description	Drawn	Ch'kd	Date
A	Terrain updated	IM		27.05.2020

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TITLE:

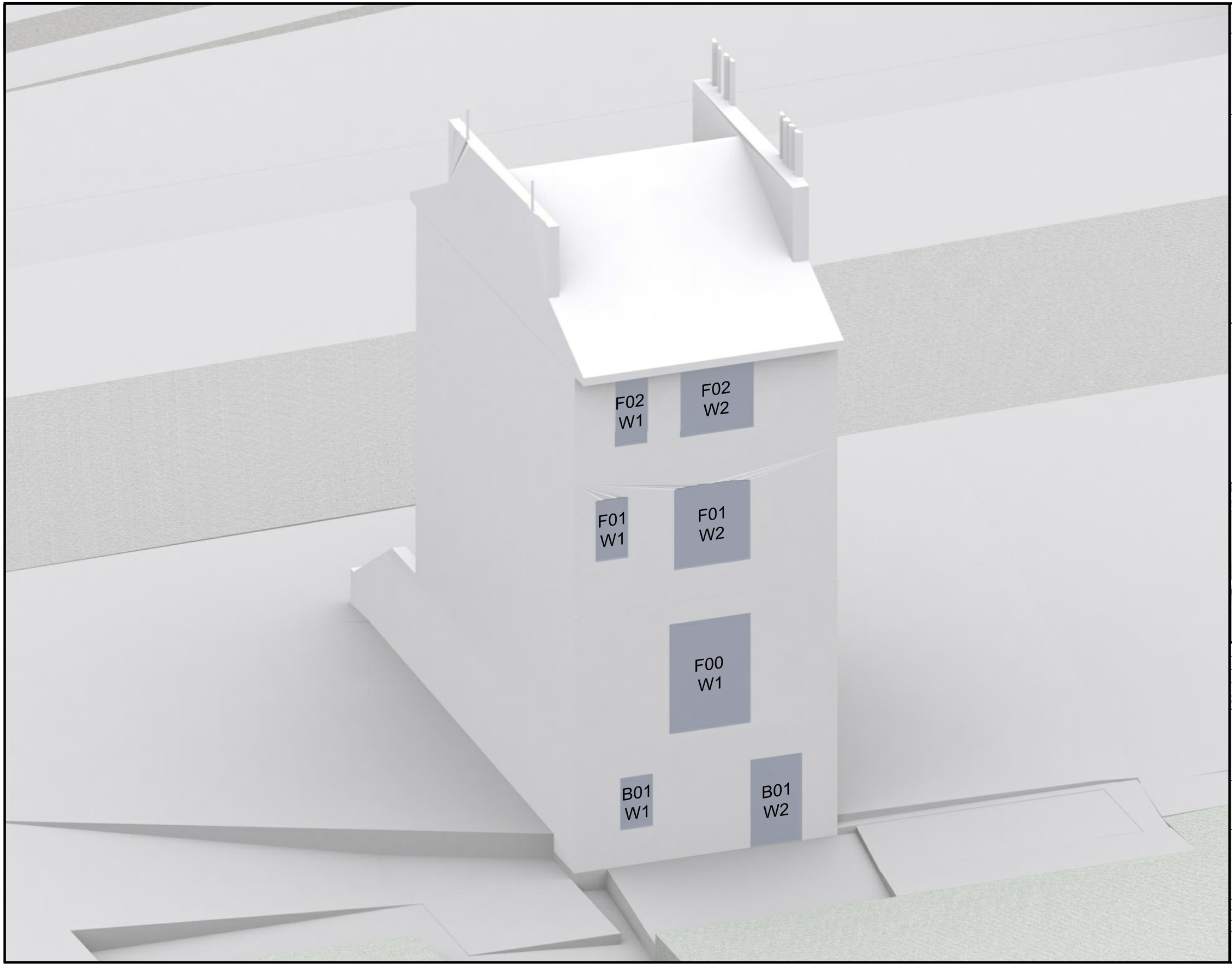
ABBEY ROAD
LONDON, NW6 4DW

DRAWING:

KEY WINDOW LOCATIONS
170 Belsize Road

DRAWN: IM	JOB NBR: 19579
SCALE: NTS	
DATE: 27.05.2020	

DWG NO:	REV:
LOC-006	A



NO DIMENSIONS TO BE SCALED
FROM THIS DRAWING

KEY:

W1 Windows tested Daylight only

W1 Windows tested Daylight & Sunlight

SOURCE DATA:

Existing and surrounding buildings:
AccuCities - 3D context Mode
DPR - 3D Survey
19579-Belsize Rd Phase 2 Master Model.dwgl

NOTES:

Layouts obtained from local authority website

Kevin O'Callaghan
Drwg no's: 127-PL-1000

REV	Description	Drawn	Ch'kd	Date
A	Terrain updated	IM		27.05.2020

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TITLE:

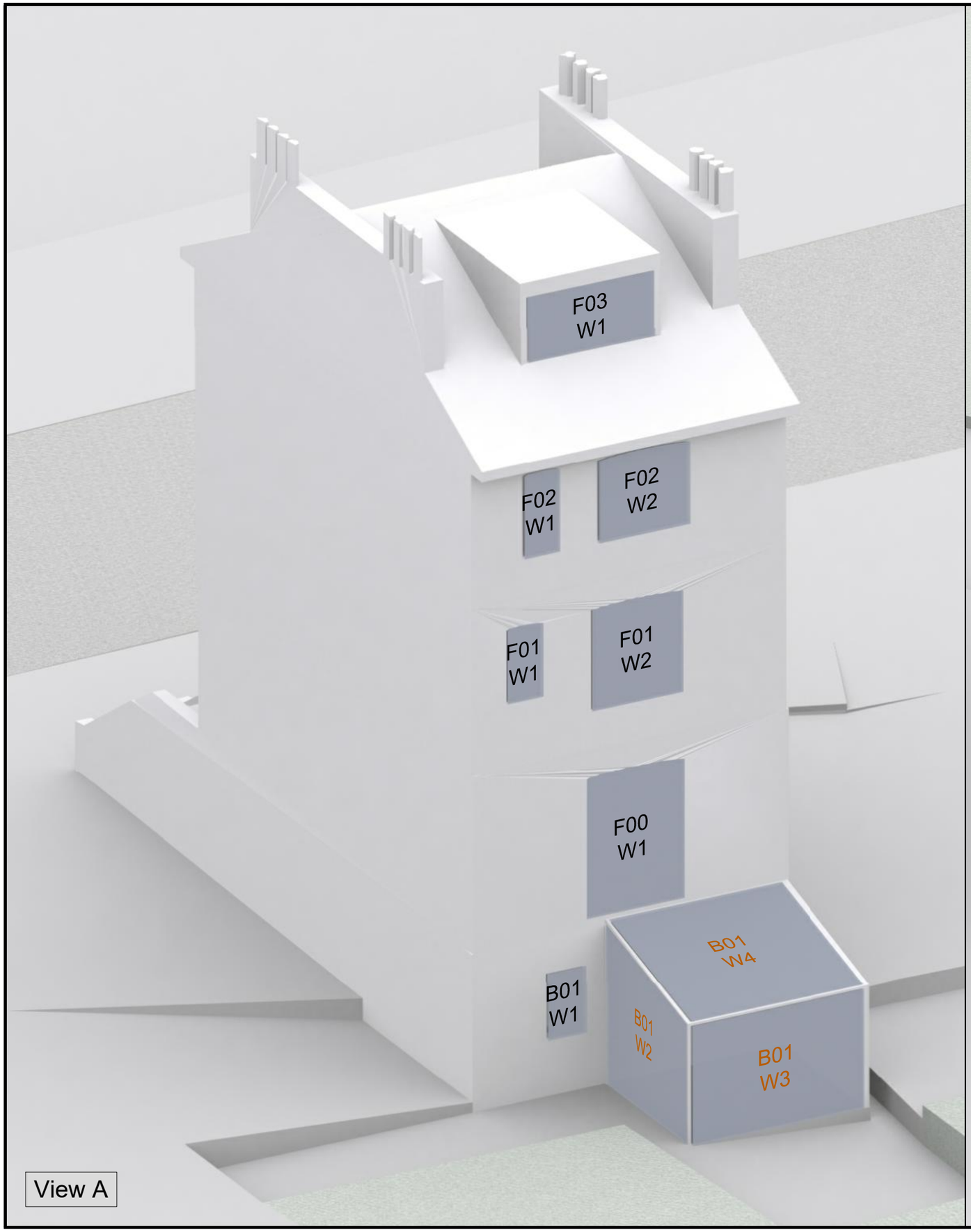
ABBEY ROAD
LONDON, NW6 4DW

DRAWING:

KEY WINDOW LOCATIONS
168 Belsize Road

DRAWN: IM	JOB NBR: 19579
SCALE: NTS	
DATE: 27.05.2020	

DWG NO:	REV:
LOC-007	A



View A

View B

NO DIMENSIONS TO BE SCALED FROM THIS DRAWING

KEY:

W1 Windows tested Daylight only

W1 Windows tested Daylight & Sunlight

SOURCE DATA:

Existing and surrounding buildings:
AccuCities - 3D context Mode
DPR - 3D Survey
19579-Belsize Rd Phase 2 Master Model.dwgl

NOTES:

Layouts obtained from local authority website

Marcel Blum
Drwg no's: 2004/1661/1, 2004/1661/2

REV	Description	Drawn	Ch'kd	Date
A	Terrain updated	IM		27.05.2020

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0151 242 0980

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TITLE:

ABBEY ROAD
LONDON, NW6 4DW

DRAWING:

KEY WINDOW LOCATIONS
166 Belsize Road

DRAWN: IM	JOB NBR: 19579
SCALE: NTS	
DATE: 27.05.2020	
DWG NO: LOC-008	REV: A

NO DIMENSIONS TO BE SCALED FROM THIS DRAWING

KEY:

W1 Windows tested Daylight only

W1 Windows tested Daylight & Sunlight

SOURCE DATA:

Existing and surrounding buildings:
AccuCities - 3D context Mode
DPR - 3D Survey
19579-Belsize Rd Phase 2 Master Model.dwgl

NOTES:

Layouts duplicated from 168 Belsize Road

REV	Description	Drawn	Ch'kd	Date
A	Terrain updated	IM		27.05.2020

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100 Old Hall Street
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info@delvapatmanredler.co.uk

TITLE:

ABBEY ROAD
LONDON, NW6 4DW

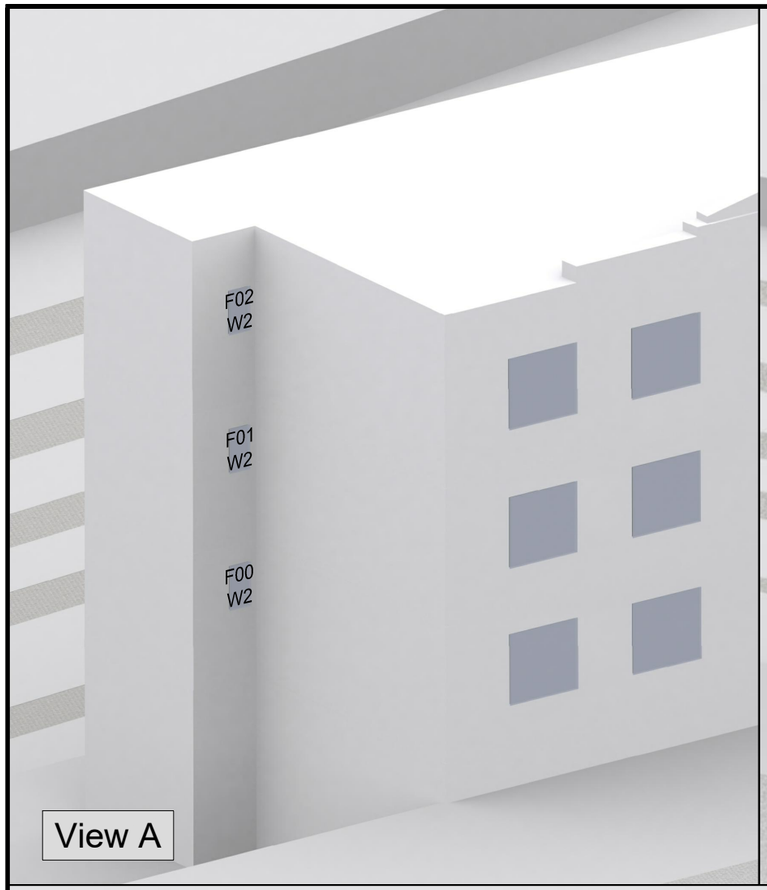
DRAWING:

KEY WINDOW LOCATIONS
164 Belsize Road

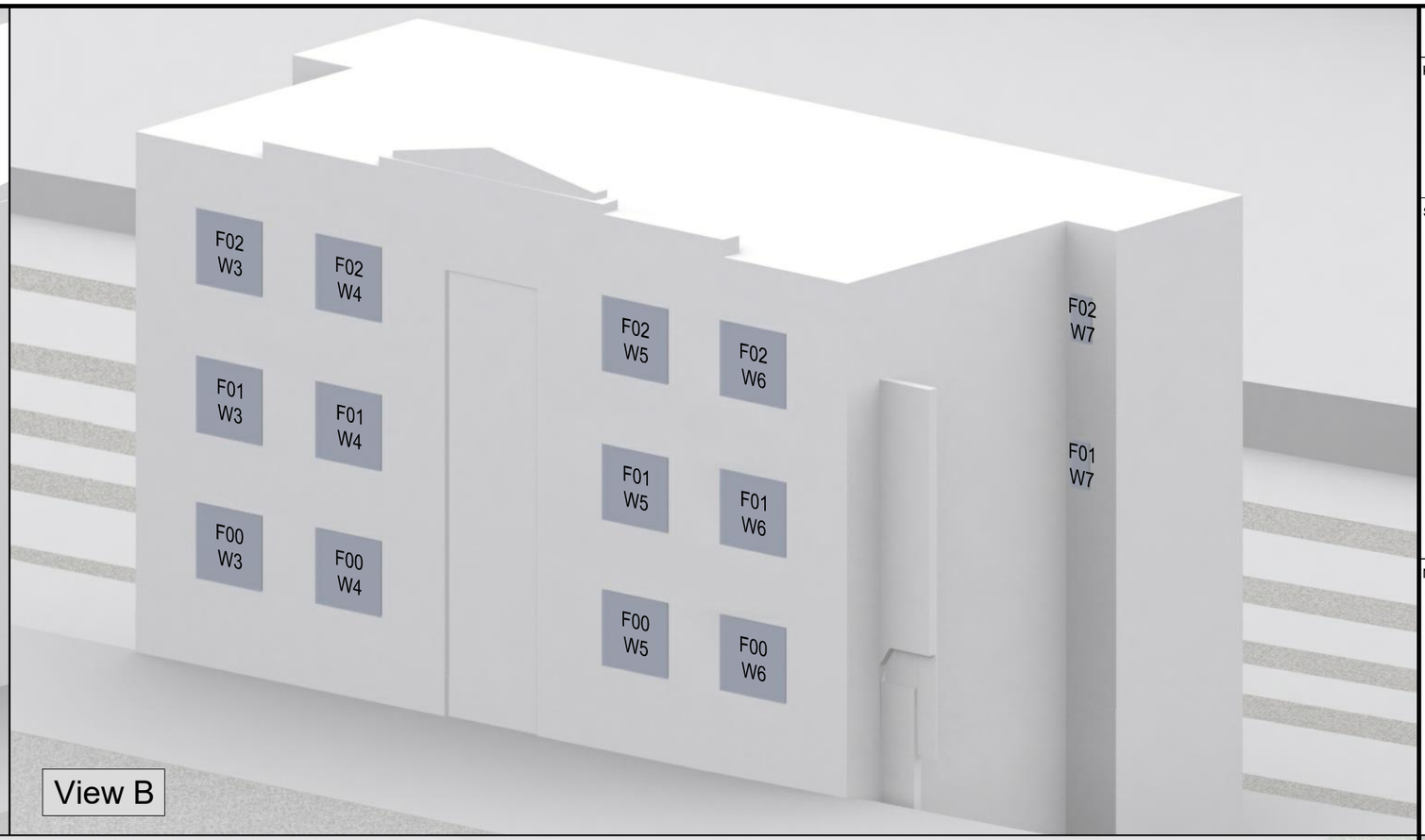
DRAWN: IM	JOB NBR: 19579
SCALE: NTS	
DATE: 27.05.2020	

DWG NO: LOC-009

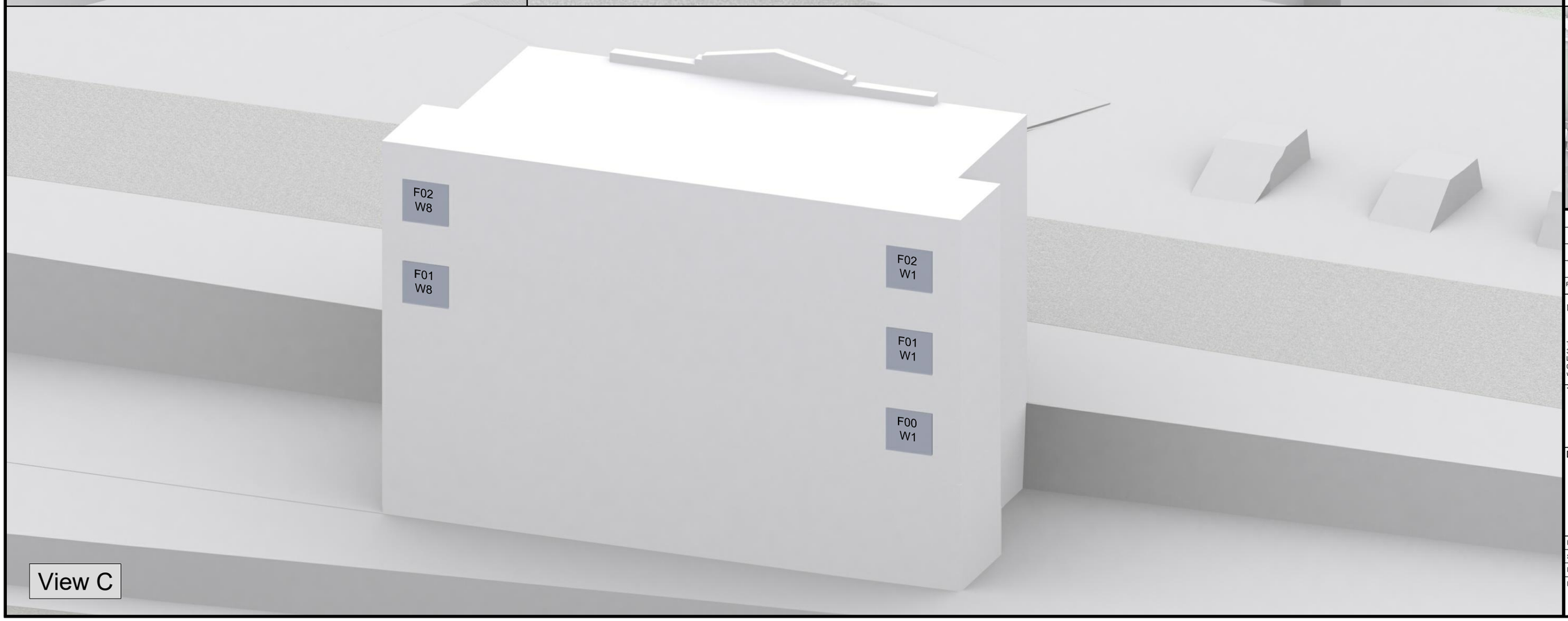
REV: A



View A



View B



View C

NO DIMENSIONS TO BE SCALED FROM THIS DRAWING

KEY:

W1 Windows tested Daylight only

W1 Windows tested Daylight & Sunlight

SOURCE DATA:

Existing and surrounding buildings:
AccuCities - 3D context Mode
DPR - 3D Survey
19579-Belsize Rd Phase 2 Master Model.dwgl

NOTES:

Layouts obtained from local authority website

robsonwalsh Surveyors
Drwg no's: SK2 to SK15

REV	Description	Drawn	Ch'kd	Date
A	Terrain updated	IM		27.05.2020

DELVA PATMAN REDLER
Chartered Surveyors

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The Plaza
100 Old Hall Street
Liverpool L3 9QJ
0151 242 0980
info@delvapatmanredler.co.uk

TITLE:

ABBEY ROAD
LONDON, NW6 4DW

DRAWING:

KEY WINDOW LOCATIONS
109 Belsize Road

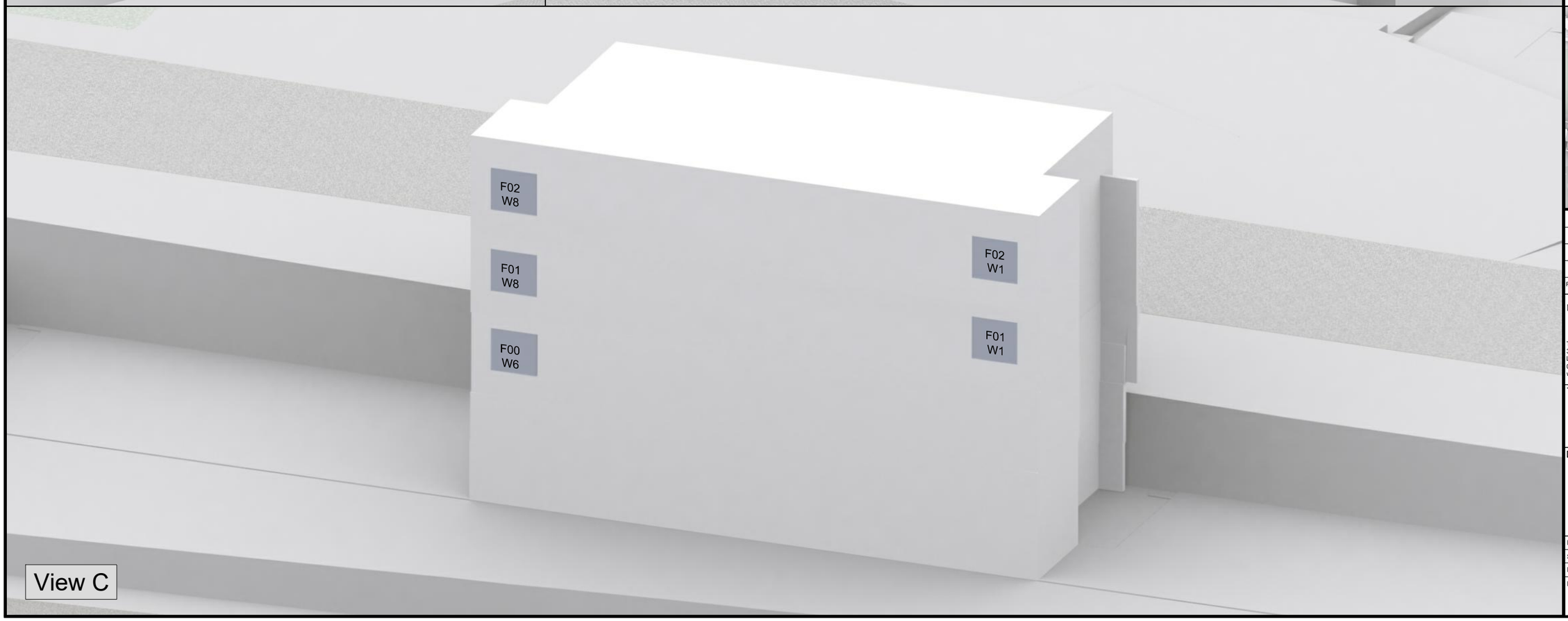
DRAWN: IM	JOB NBR: 19579
SCALE: NTS	
DATE: 27.05.2020	

DWG NO: LOC-010

REV: A

View A

View B



View C

NO DIMENSIONS TO BE SCALED FROM THIS DRAWING

KEY:

W1 Windows tested Daylight only

W1 Windows tested Daylight & Sunlight

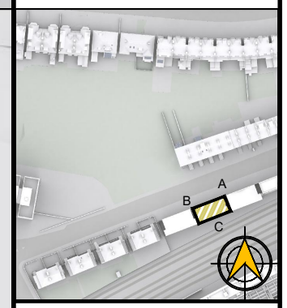
SOURCE DATA:

Existing and surrounding buildings:
AccuCities - 3D context Mode
DPR - 3D Survey
19579-Belsize Rd Phase 2 Master Model.dwgl

NOTES:

Layouts obtained from local authority website

robsonwalsh Surveyors
Drwg no's: SK2 to SK15



REV	Description	Drawn	Ch'kd	Date
A	Terrain updated	IM		27.05.2020

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Liverpool L3 9QJ
0151 242 0980
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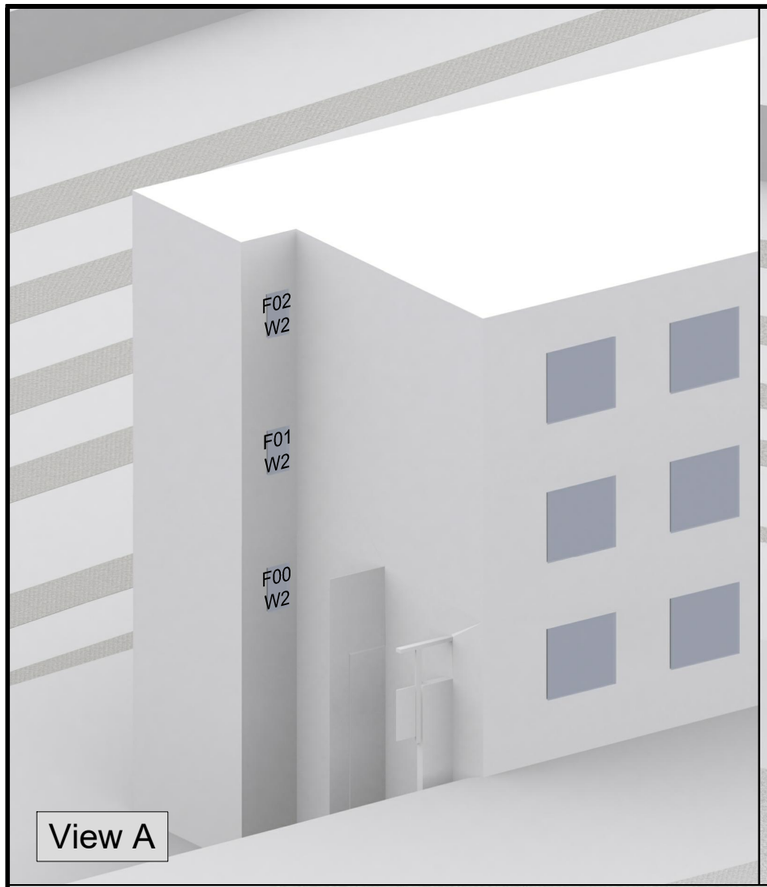
TITLE:

ABBEY ROAD
LONDON, NW6 4DW

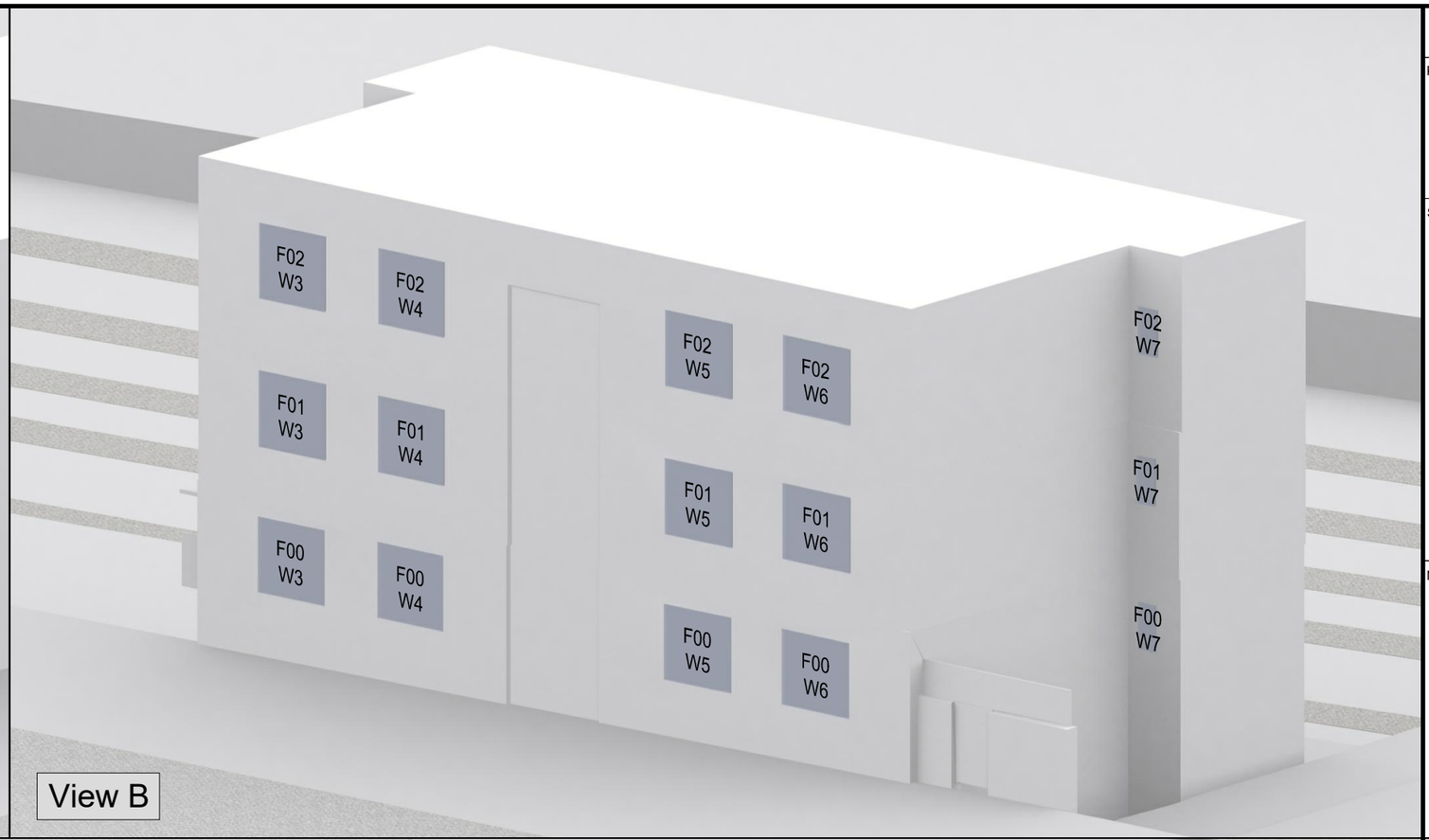
DRAWING:

KEY WINDOW LOCATIONS
111 Belsize Road

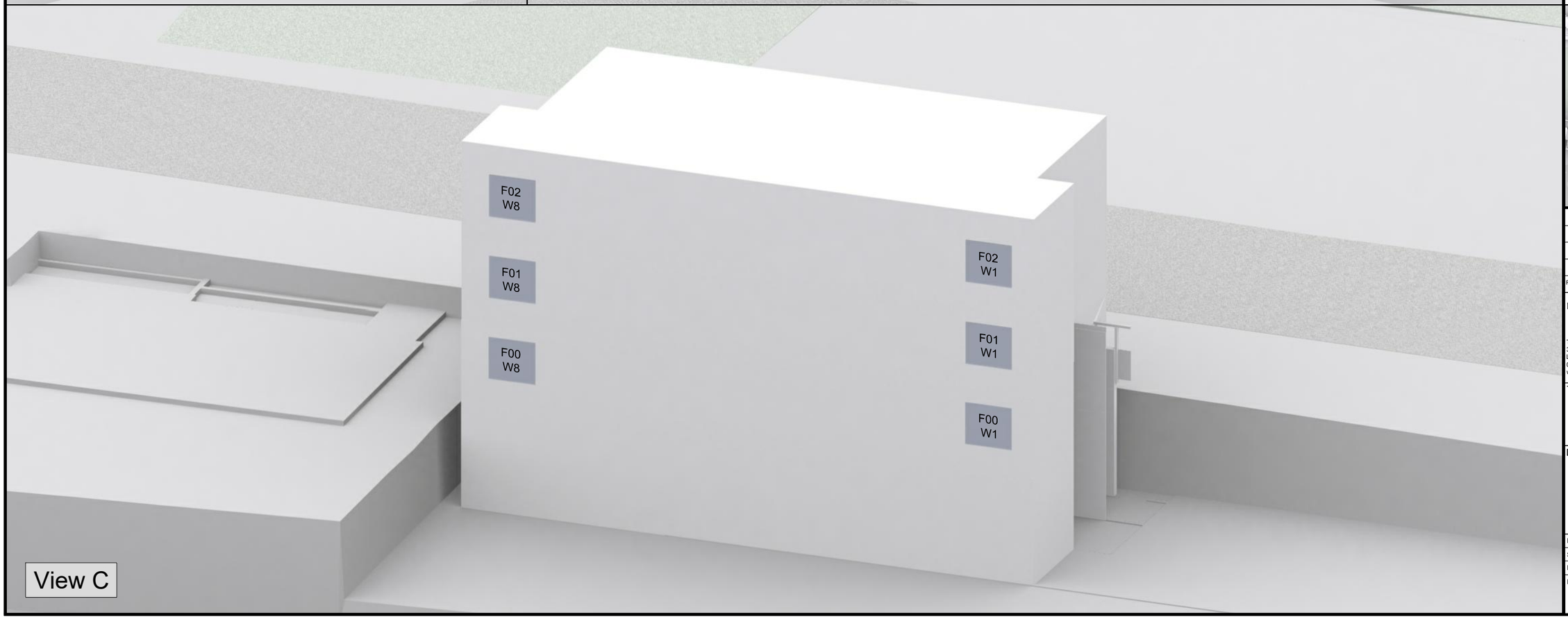
DRAWN: IM	JOB NBR: 19579
SCALE: NTS	
DATE: 27.05.2020	
DWG NO: LOC-011	REV: A



View A



View B



View C

NO DIMENSIONS TO BE SCALED FROM THIS DRAWING

KEY:

W1 Windows tested Daylight only

W1 Windows tested Daylight & Sunlight

SOURCE DATA:

Existing and surrounding buildings:
AccuCities - 3D context Mode
DPR - 3D Survey
19579-Belsize Rd Phase 2 Master Model.dwgl

NOTES:

Layouts obtained from local authority website

robsonwalsh Surveyors
Drwg no's: SK2 to SK15

REV	Description	Drawn	Ch'kd	Date
A	Terrain updated	IM		27.05.2020

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TITLE:

ABBEY ROAD
LONDON, NW6 4DW

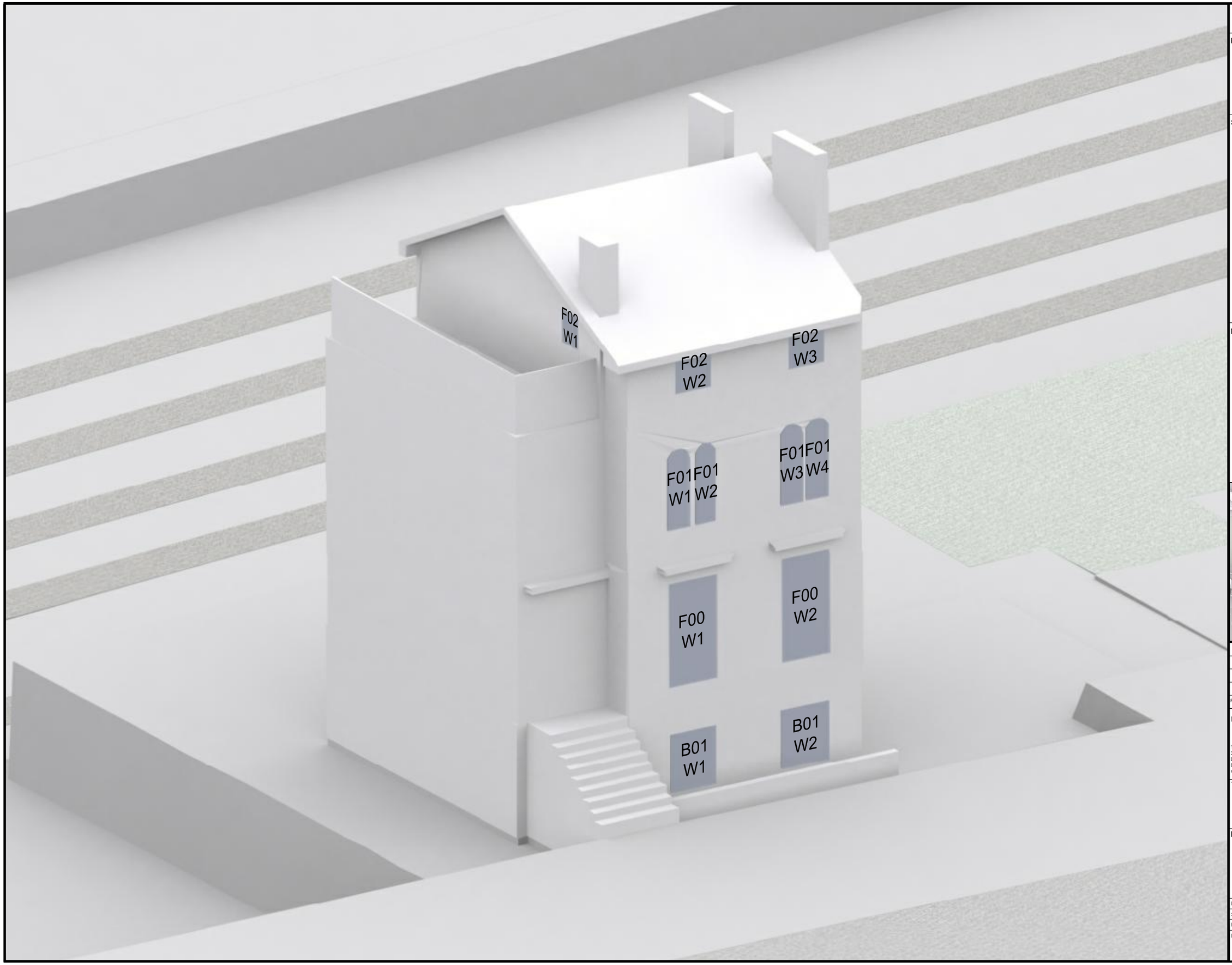
DRAWING:

KEY WINDOW LOCATIONS
113 Belsize Road

DRAWN: IM	JOB NBR: 19579
SCALE: NTS	
DATE: 27.05.2020	

DWG NO: LOC-012

REV: A



NO DIMENSIONS TO BE SCALED FROM THIS DRAWING

KEY:

W1 Windows tested Daylight only

W1 Windows tested Daylight & Sunlight

SOURCE DATA:

Existing and surrounding buildings:
AccuCities - 3D context Mode
DPR - 3D Survey
19579-Belsize Rd Phase 2 Master Model.dwgl

NOTES:

Layouts obtained from estate agent particulars

REV	Description	Drawn	Ch'kd	Date
A	Terrain updated	IM		27.05.2020

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Liverpool L3 9QJ
0151 242 0980
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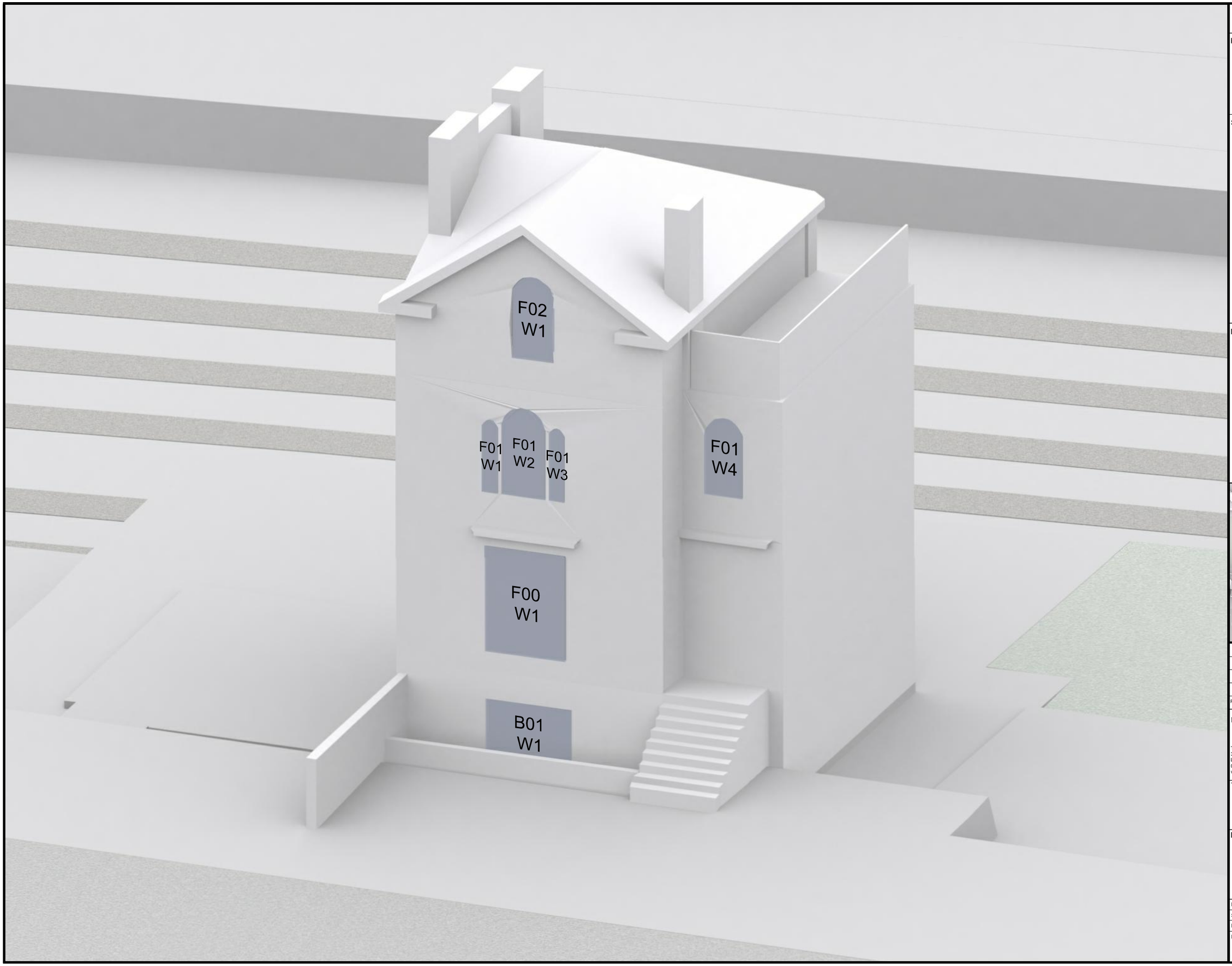
TITLE:

ABBEY ROAD
LONDON, NW6 4DW

DRAWING:

KEY WINDOW LOCATIONS
115 Belsize Road

DRAWN: IM	JOB NBR: 19579
SCALE: NTS	
DATE: 27.02.2020	
DWG NO: LOC-013	REV: A



NO DIMENSIONS TO BE SCALED FROM THIS DRAWING

KEY:

W1 Windows tested Daylight only

W1 Windows tested Daylight & Sunlight

SOURCE DATA:

Existing and surrounding buildings:
AccuCities - 3D context Mode
DPR - 3D Survey
19579-Belsize Rd Phase 2 Master Model.dwgl

NOTES:

Layouts obtained from local authority website

LOFT SOLUTIONS
Drwg no's: 1369-1 to 1369-4

REV	Description	Drawn	Ch'kd	Date
A	Terrain updated	IM		27.05.2020

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Liverpool L3 9QJ
0151 242 0980
info@delvapatmanredler.co.uk

TITLE:

ABBEY ROAD
LONDON, NW6 4DW

DRAWING:

KEY WINDOW LOCATIONS
117 Belsize Road

DRAWN: IM	JOB NBR: 19579
SCALE: NTS	
DATE: 27.05.2020	

DWG NO: LOC-014

REV: A

NO DIMENSIONS TO BE SCALED FROM THIS DRAWING

KEY:

W1 Windows tested Daylight only

W1 Windows tested Daylight & Sunlight

SOURCE DATA:

Existing and surrounding buildings:
AccuCities - 3D context Mode
DPR - 3D Survey
19579-Belsize Rd Phase 2 Master Model.dwgl

NOTES:

Layouts duplicated from 115 Belsize Road

REV	Description	Drawn	Ch'kd	Date
A	Terrain updated	IM		27.05.2020

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0151 242 0980
info@delvapatmanredler.co.uk

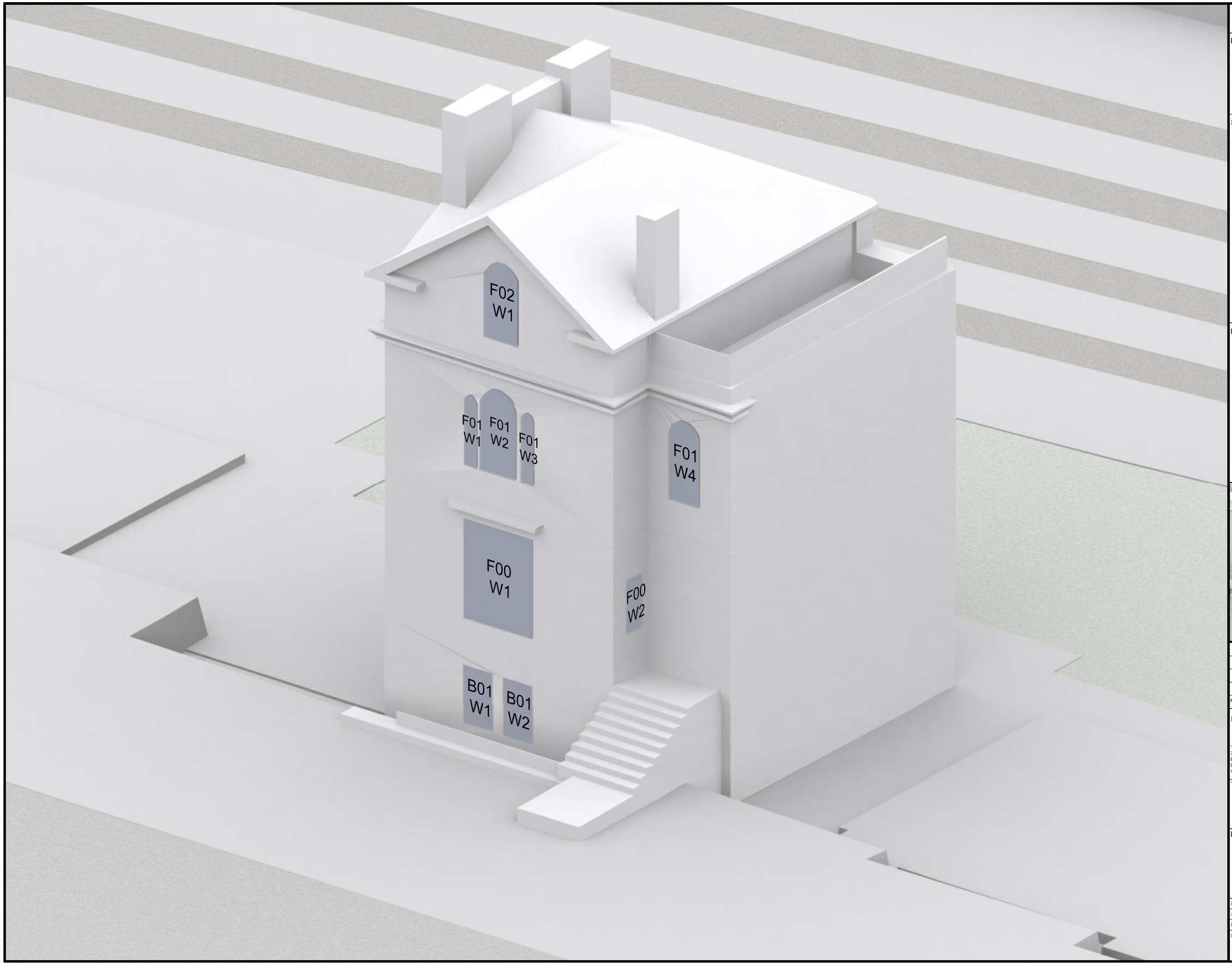
TITLE:

ABBEY ROAD
LONDON, NW6 4DW

DRAWING:

KEY WINDOW LOCATIONS
119 Belsize Road

DRAWN: IM	JOB NBR: 19579
SCALE: NTS	
DATE: 27.05.2020	
DWG NO: LOC-015	REV: A



NO DIMENSIONS TO BE SCALED
FROM THIS DRAWING

KEY:

W1 Windows tested
Daylight only

W1 Windows tested
Daylight & Sunlight

SOURCE DATA:

Existing and surrounding buildings:
AccuCities - 3D context Mode
DPR - 3D Survey
19579-Belsize Rd Phase 2 Master Model.dwgl

NOTES:

Layouts duplicated from 117 Belsize Road

REV	Description	Drawn	Ch'kd	Date
A	Terrain updated	IM		27.05.2020

DELVA PATMAN REDLER
Chartered Surveyors

Thavies Inn House
3-4 Holborn Circus
London EC1N 2HA
020 7936 3668
www.delvapatmanredler.co.uk

The Plaza
100 Old Hall Street
Liverpool L3 9QJ
0151 242 0980
info@delvapatmanredler.co.uk

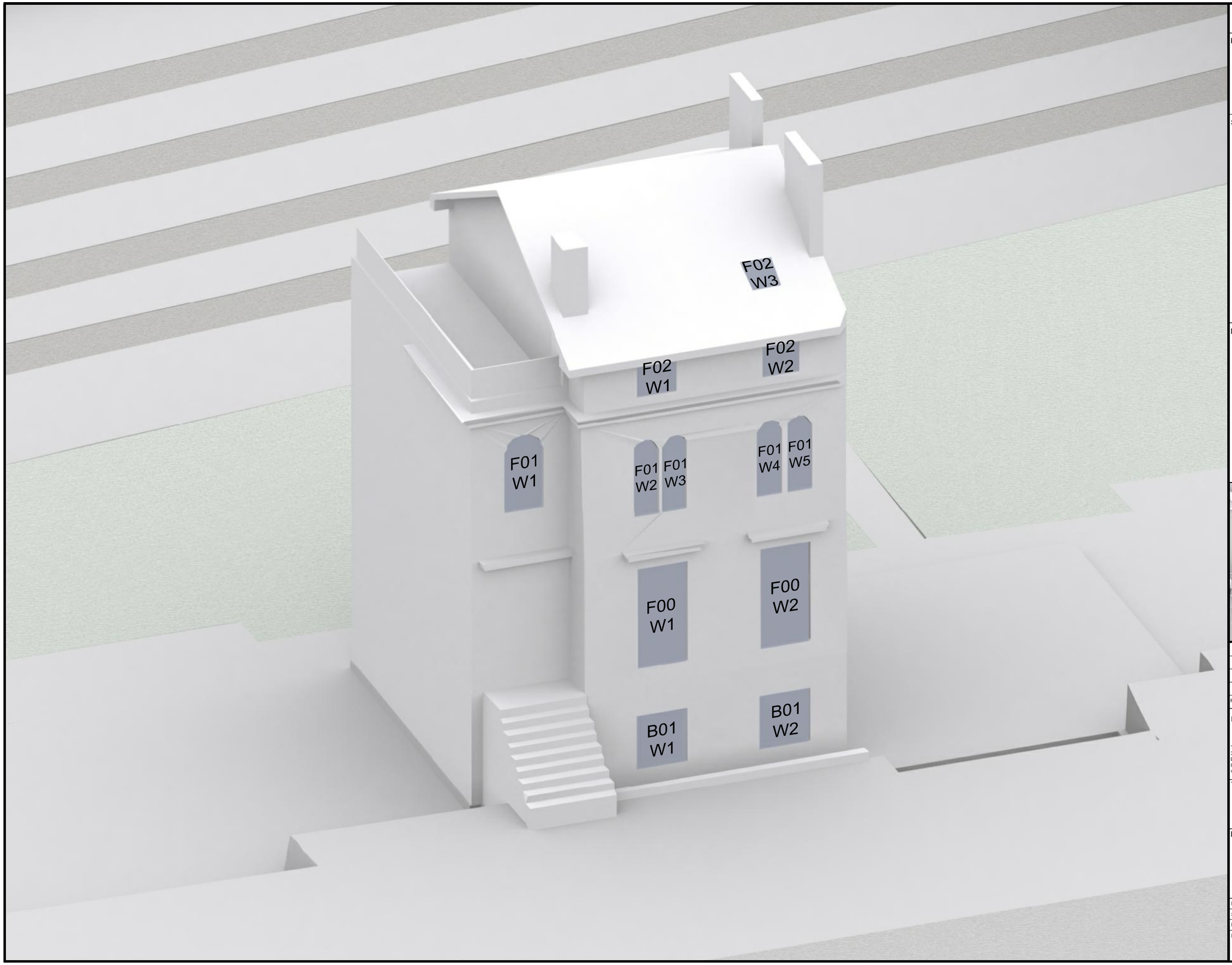
TITLE:

ABBEY ROAD
LONDON, NW6 4DW

DRAWING:

KEY WINDOW LOCATIONS
121 Belsize Road

DRAWN: IM	JOB NBR: 19579
SCALE: NTS	
DATE: 27.05.2020	
DWG NO: LOC-016	REV: A



NO DIMENSIONS TO BE SCALED FROM THIS DRAWING

KEY:

W1 Windows tested Daylight only

W1 Windows tested Daylight & Sunlight

SOURCE DATA:

Existing and surrounding buildings:
AccuCities - 3D context Mode
DPR - 3D Survey
19579-Belsize Rd Phase 2 Master Model.dwgl

NOTES:

Layouts duplicated from 115 Belsize Road

REV	Description	Drawn	Ch'kd	Date
A	Terrain updated	IM		27.05.2020

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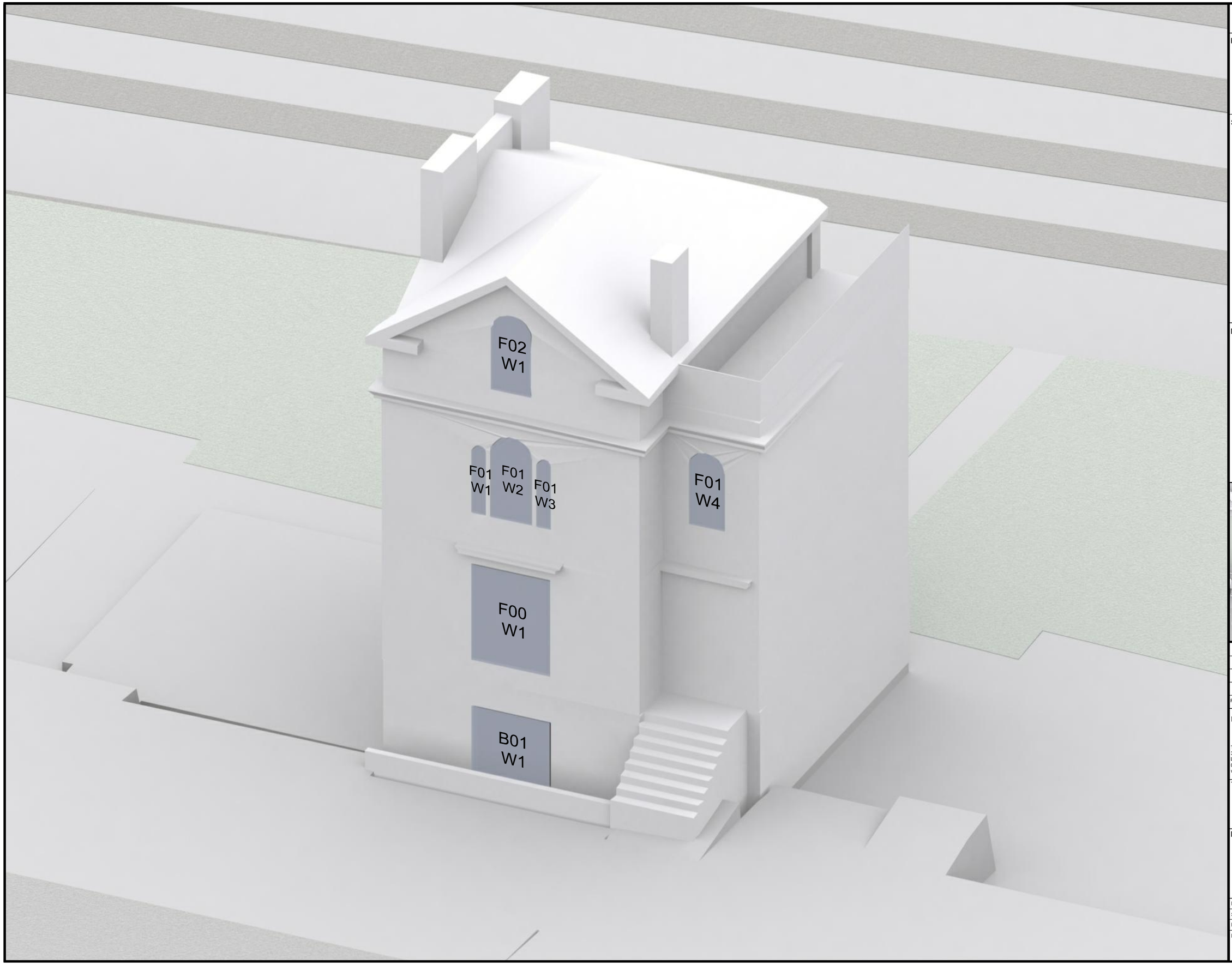
TITLE:

ABBEY ROAD
LONDON, NW6 4DW

DRAWING:

KEY WINDOW LOCATIONS
123 Belsize Road

DRAWN: IM	JOB NBR: 19579
SCALE: NTS	
DATE: 27.05.2020	
DWG NO: LOC-017	REV: A



NO DIMENSIONS TO BE SCALED
FROM THIS DRAWING

KEY:

W1 Windows tested
Daylight only

W1 Windows tested
Daylight & Sunlight

SOURCE DATA:

Existing and surrounding buildings:
AccuCities - 3D context Mode
DPR - 3D Survey
19579-Belsize Rd Phase 2 Master Model.dwgl

NOTES:

Layouts duplicated from 117 Belsize Road

REV	Description	Drawn	Ch'kd	Date
A	Terrain updated	IM		27.05.2020

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TITLE:

ABBEY ROAD
LONDON, NW6 4DW

DRAWING:

KEY WINDOW LOCATIONS
125 Belsize Road

DRAWN: IM	JOB NBR: 19579
SCALE: NTS	
DATE: 27.05.2020	
DWG NO: LOC-018	REV: A

				VSC						Daylight Distribution			ADF			APSH					
Address	Floor Level	Room Name	Window ID	Existing	Proposed	Window %age Diff	Mean Window %age Diff	Room %age Diff	Proposed Average	Existing	Proposed	%age Diff	Existing	Proposed	%age Diff	APSH Existing	APSH Proposed	%age Diff	Winter Existing	Winter Proposed	&age Diff
237 Goldhurst Terrace	F00	Bedroom/R1	W1	20.36	19.78	-2.89%	-2.54%	-2.53%	20.49	99.48%	99.48%	0.00%	1.86%	1.83%	-1.51%	N/A	N/A	N/A	N/A	N/A	N/A
			W2	22.78	22.14	-2.83%										N/A	N/A	N/A	N/A	N/A	N/A
			W3	19.93	19.56	-1.86%										N/A	N/A	N/A	N/A	N/A	N/A
	F01	Dining Room/R1	W1	30.53	30.51	-0.07%	-0.08%	-0.08%	30.80	97.55%	97.55%	0.00%	0.86%	0.86%	-0.05%	71	71	0.00%	24	24	0.00%
			W2	31.11	31.09	-0.09%										71	71	0.00%	24	24	0.00%
		Living Room/R2	W3	32.35	32.33	-0.05%	-0.05%	-0.05%	32.33	99.09%	99.09%	0.00%	1.89%	1.89%	-0.06%	78	78	0.00%	27	27	0.00%
	F02	Bedroom/R1	W1	34.58	34.58	0.00%	0.00%	0.00%	35.26	96.12%	96.12%	0.00%	0.92%	0.92%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
			W2	35.94	35.94	0.00%										N/A	N/A	N/A	N/A	N/A	N/A
235 Goldhurst Terrace	F00	Conservatory/R1	W1	33.35	32.39	-2.89%	-0.98%	-1.52%	54.92	100.00%	100.00%	0.00%	24.18%	24.02%	-0.68%	79	79	0.00%	23	23	0.00%
			W2	77.57	77.45	-0.15%										83	83	0.00%	25	25	0.00%
	F01	Bedroom/R1	W1	32.73	32.70	-0.08%	-0.08%	-0.08%	32.70	97.27%	97.27%	0.00%	2.10%	2.10%	-0.09%	N/A	N/A	N/A	N/A	N/A	N/A
		Unknown/R2	W2	32.97	32.94	-0.10%	-0.10%	-0.10%	32.94	96.76%	96.76%	0.00%	1.33%	1.33%	-0.07%	78	78	0.00%	26	26	0.00%
	F02	Unknown/R1	W1	35.32	35.32	0.00%	0.00%	0.00%	58.53	88.21%	88.21%	0.00%	3.07%	3.07%	0.00%	85	85	0.00%	27	27	0.00%
			W2	81.73	81.73	0.00%										76	76	0.00%	20	20	0.00%
233 Goldhurst Terrace	F00	KD/R1	W1	33.46	32.59	-2.60%	-2.55%	-2.55%	32.71	96.57%	96.57%	0.00%	1.96%	1.92%	-2.26%	81	81	0.00%	24	24	0.00%
			W2	33.68	32.84	-2.51%										80	80	0.00%	24	24	0.00%
		Living Room/R2	W3	26.06	25.36	-2.69%	-2.61%	-2.61%	25.97	99.06%	99.06%	0.00%	1.47%	1.44%	-1.86%	55	55	0.00%	20	20	0.00%
			W4	27.03	26.32	-2.62%										54	54	0.00%	19	19	0.00%
			W5	27.29	26.59	-2.57%										54	54	0.00%	18	18	0.00%
			W6	26.29	25.62	-2.55%										48	48	0.00%	15	15	0.00%
	F01	Bedroom/R1	W1	30.96	30.79	-0.56%	-0.56%	-0.56%	30.79	98.59%	98.59%	0.00%	1.77%	1.76%	-0.45%	N/A	N/A	N/A	N/A	N/A	N/A
	F02	Bedroom/R1	W1	79.49	79.49	0.00%	0.00%	0.00%	79.49	92.47%	92.47%	0.00%	1.72%	1.72%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
			W2	79.49	79.49	0.00%										N/A	N/A	N/A	N/A	N/A	N/A
231 Goldhurst Terrace	B01	Unknown/R1	W1	25.70	24.24	-5.69%	-4.36%	-4.54%	24.87	99.90%	99.90%	0.00%	2.37%	2.29%	-3.54%	51	51	0.00%	17	17	0.00%
			W2	31.36	30.52	-2.68%										67	66	-1.49%	21	20	-4.76%
			W3	20.96	19.86	-5.25%										38	38	0.00%	17	17	0.00%
	F00	Dining Room/R1	W1	30.74	29.93	-2.64%	-2.64%	-2.64%	29.93	99.91%	99.91%	0.00%	1.99%	1.96%	-1.96%	59	59	0.00%	18	18	0.00%
		Kitchen/R2	W2	26.75	26.04	-2.65%	-0.78%	-1.18%	52.04	100.00%	100.00%	0.00%	5.58%	5.53%	-0.88%	N/A	N/A	N/A	N/A	N/A	N/A
			W3	33.90	33.06	-2.47%										N/A	N/A	N/A	N/A	N/A	N/A
			W4	25.59	25.08	-1.99%										N/A	N/A	N/A	N/A	N/A	N/A
			W5	84.30	84.14	-0.18%										N/A	N/A	N/A	N/A	N/A	N/A
			W6	69.72	68.99	-1.04%										N/A	N/A	N/A	N/A	N/A	N/A
			W7	54.17	54.17	0.00%										N/A	N/A	N/A	N/A	N/A	N/A
			W8	72.71	72.79	0.11%										N/A	N/A	N/A	N/A	N/A	N/A
	F01	Bedroom/R1	W1	30.16	29.99	-0.55%	-0.55%	-0.55%	29.99	98.05%	98.05%	0.00%	1.72%	1.71%	-0.45%	N/A	N/A	N/A	N/A	N/A	N/A
		Study/R2	W2	34.20	34.03	-0.52%	-0.52%	-0.52%	34.03	99.35%	99.35%	0.00%	1.92%	1.91%	-0.48%	N/A	N/A	N/A	N/A	N/A	N/A
	F02	Unknown/R1	W1	36.02	36.02	0.00%	0.00%	0.00%	36.02	90.39%	90.39%	0.00%	1.91%	1.91%	0.00%	82	82	0.00%	25	25	0.00%
229 Goldhurst Terrace	F00	Kitchen/R1	W1	6.44	6.43	-0.21%	-0.94%	-1.07%	34.20	97.60%	97.60%	0.00%	11.85%	11.82%	-0.30%	N/A	N/A	N/A	N/A	N/A	N/A
			W2	9.63	9.55	-0.75%										N/A	N/A	N/A	N/A	N/A	N/A
			W3	31.99	30.83	-3.64%										N/A	N/A	N/A	N/A	N/A	N/A
			W4	31.88	30.77	-3.51%										N/A	N/A	N/A	N/A	N/A	N/A
			W5	34.72	34.24	-1.38%										N/A	N/A	N/A	N/A	N/A	N/A
			W6	21.80	21.79	-0.02%										N/A	N/A	N/A	N/A	N/A	N/A
			W7	24.95	24.95	0.00%										N/A	N/A	N/A	N/A	N/A	N/A
			W10	76.31	76.25	-0.08%										N/A	N/A	N/A	N/A	N/A	N/A
			W11	73.00	73.00	0.00%										N/A	N/A	N/A	N/A	N/A	N/A

Red Text Cells do not meet the BRE recommendations
Positive %age figures indicate an improvement
in the natural lighting conditions

See Dwg No:19579-LOC-DS-001

				VSC						Daylight Distribution			ADF			APSH					
Address	Floor Level	Room Name	Window ID	Existing	Proposed	Window %age Diff	Mean Window %age Diff	Room %age Diff	Proposed Average	Existing	Proposed	%age Diff	Existing	Proposed	%age Diff	APSH Existing	APSH Proposed	%age Diff	Winter Existing	Winter Proposed	&age Diff
229 Goldhurst Terrace	F00	Dining Room/R2	W3	31.99	30.83	-3.64%	-0.96%	-1.23%	41.69	100.00%	100.00%	0.00%	7.23%	7.21%	-0.34%	71	70	-1.41%	23	22	-4.35%
			W4	31.88	30.77	-3.51%										66	65	-1.52%	21	20	-4.76%
			W5	34.72	34.24	-1.38%										81	81	0.00%	23	23	0.00%
			W6	21.80	21.79	-0.02%										45	45	0.00%	13	13	0.00%
			W7	24.95	24.95	0.00%										46	46	0.00%	14	14	0.00%
			W10	76.31	76.25	-0.08%										82	82	0.00%	21	21	0.00%
			W11	73.00	73.00	0.00%										80	80	0.00%	22	22	0.00%
		Living Room/R3	W8	30.66	30.57	-0.31%	-0.23%	-0.23%	30.45	99.13%	99.13%	0.00%	1.69%	1.69%	-0.22%	67	67	0.00%	21	21	0.00%
			W9	30.39	30.34	-0.15%										72	72	0.00%	23	23	0.00%
	F01	Bedroom/R1	W1	35.81	35.72	-0.24%	-0.24%	-0.24%	35.72	98.48%	98.48%	0.00%	2.19%	2.18%	-0.20%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R2	W2	35.88	35.80	-0.22%	-0.22%	-0.22%	35.80	97.74%	97.74%	0.00%	1.60%	1.60%	-0.20%	N/A	N/A	N/A	N/A	N/A	N/A
	F02	Bedroom/R1	W1	36.74	36.74	0.00%	0.00%	0.00%	36.74	88.23%	88.23%	0.00%	1.61%	1.61%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R2	W2	36.88	36.88	0.00%	0.00%	0.00%	36.88	89.93%	89.93%	0.00%	1.35%	1.35%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
170 Belsize Road	B01	Conservatory/R1	W1	16.86	16.86	0.00%	-7.25%	-5.24%	39.42	100.00%	100.00%	0.00%	19.50%	18.63%	-4.49%	0	0	0.00%	0	0	0.00%
			W2	28.87	28.87	0.00%										0	0	0.00%	0	0	0.00%
			W3	29.44	29.41	-0.11%										1	0	-100.00%	0	0	0.00%
			W4	9.58	9.58	0.00%										0	0	0.00%	0	0	0.00%
			W5	50.42	48.03	-4.75%										9	3	-66.67%	0	0	0.00%
			W6	60.31	60.10	-0.35%										16	6	-62.50%	0	0	0.00%
			W7	68.84	63.72	-7.43%										23	7	-69.57%	3	0	-100.00%
			W8	66.31	56.79	-14.36%										21	2	-90.48%	3	0	-100.00%
			W9	51.87	41.41	-20.16%										11	0	-100.00%	1	0	-100.00%
	F00	Living Room/R1	W1	35.02	33.43	-4.54%	-4.54%	-4.54%	33.43	97.32%	96.75%	-0.59%	1.87%	1.80%	-3.97%	N/A	N/A	N/A	N/A	N/A	N/A
	F01	Bedroom/R1	W1	36.24	35.87	-1.01%	-1.01%	-1.01%	35.87	97.84%	97.84%	0.00%	2.32%	2.30%	-1.02%	N/A	N/A	N/A	N/A	N/A	N/A
	F02	Bedroom/R1	W1	32.84	32.84	0.00%	0.00%	0.00%	32.84	97.85%	97.85%	0.00%	1.71%	1.71%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
168 Belsize Road	B01	Bedroom/R1	W1	29.94	29.49	-1.49%	-1.49%	-1.49%	29.49	97.95%	97.95%	0.00%	1.24%	1.23%	-0.97%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R2	W2	30.40	30.26	-0.47%	-0.47%	-0.47%	30.26	94.96%	93.64%	-1.39%	1.58%	1.57%	-0.41%	N/A	N/A	N/A	N/A	N/A	N/A
	F00	Living Room/R1	W1	34.84	34.28	-1.62%	-1.62%	-1.62%	34.28	97.70%	97.67%	-0.03%	2.19%	2.16%	-1.43%	0	0	0.00%	0	0	0.00%
	F01	Bedroom/R1	W1	36.17	36.05	-0.35%	-0.35%	-0.35%	36.05	96.93%	96.93%	0.00%	1.33%	1.32%	-0.32%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R2	W2	36.15	35.98	-0.46%	-0.46%	-0.46%	35.98	97.71%	97.71%	0.00%	3.44%	3.42%	-0.43%	N/A	N/A	N/A	N/A	N/A	N/A
	F02	Bedroom/R1	W1	32.88	32.88	0.00%	0.00%	0.00%	32.88	98.20%	98.20%	0.00%	1.57%	1.57%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R2	W2	32.82	32.82	0.00%	0.00%	0.00%	32.82	97.88%	97.88%	0.00%	2.61%	2.61%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
166 Belsize Road	B01	Bedroom/R1	W1	25.35	25.35	0.00%	0.00%	0.00%	25.35	94.51%	94.51%	0.00%	0.69%	0.69%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
		Conservatory/R2	W2	19.00	19.00	0.00%	-0.46%	-0.42%	37.68	100.00%	100.00%	0.00%	22.63%	22.55%	-0.36%	1	1	0.00%	0	0	0.00%
			W3	32.65	32.36	-0.87%										11	10	-9.09%	0	0	0.00%
			W4	61.91	61.68	-0.38%										12	11	-8.33%	0	0	0.00%
	F00	Living Room/R1	W1	34.72	34.35	-1.07%	-1.07%	-1.07%	34.35	97.82%	97.82%	-0.01%	2.12%	2.10%	-0.94%	N/A	N/A	N/A	N/A	N/A	N/A
	F01	Dressing Room/R1	W1	36.09	36.01	-0.23%	-0.23%	-0.23%	36.01	96.77%	96.77%	0.00%	1.25%	1.25%	-0.22%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R2	W2	36.08	35.97	-0.32%	-0.32%	-0.32%	35.97	97.86%	97.86%	0.00%	3.22%	3.21%	-0.31%	N/A	N/A	N/A	N/A	N/A	N/A
	F02	Bedroom/R1	W1	33.16	33.16	0.00%	0.00%	0.00%	33.16	97.96%	97.96%	0.00%	1.54%	1.54%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R2	W2	33.22	33.22	0.00%	0.00%	0.00%	33.22	97.86%	97.86%	0.00%	2.51%	2.51%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
	F03	Bedroom/R1	W1	38.77	38.77	0.00%	0.00%	0.00%	71.20	97.89%	97.89%	0.00%	2.87%	2.87%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
			W2	87.53	87.53	0.00%										N/A	N/A	N/A	N/A	N/A	N/A
			W3	87.29	87.29	0.00%										N/A	N/A	N/A	N/A	N/A	N/A
164 Belsize Road	B01	Unknown/R1	W1	32.85	32.62	-0.71%	-0.71%	-0.71%	32.62	97.85%	97.85%	0.00%	1.29%	1.28%	-0.61%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R2	W2	32.28	32.20	-0.24%	-0.24%	-0.24%	32.20	98.76%	98.76%	0.00%	2.38%	2.38%	-0.19%	N/A	N/A	N/A	N/A	N/A	N/A
	F00	Living Room/R1	W1	34.47	34.22	-0.74%	-0.74%	-0.74%	34.22	97.66%	97.66%	0.00%	2.07%	2.05%	-0.65%	N/A	N/A	N/A	N/A	N/A	N/A
	F01	Unknown/R1	W1	35.99	35.93	-0.17%	-0.17%	-0.17%	35.93	97.08%	97.08%	0.00%	1.39%	1.39%	-0.13%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R2	W2	35.92	35.83	-0.24%	-0.24%	-0.24%	35.83	97.02%	97.02%	0.00%	2.19%	2.19%	-0.22%	N/A	N/A	N/A	N/A	N/A	N/A
	F02	Unknown/R1	W1	34.17	34.17	0.00%	0.00%	0.00%	34.17	97.40%	97.40%	0.00%	1.25%	1.25%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R2	W2	34.17	34.17	0.00%	0.00%	0.00%	34.17	96.88%	96.88%	0.00%	1.74%	1.74%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A

Red Text Cells do not meet the BRE recommendations
Positive %age figures indicate an improvement
in the natural lighting conditions

See Dwg No:19579-LOC-DS-001

				VSC						Daylight Distribution			ADF			APSH					
Address	Floor Level	Room Name	Window ID	Existing	Proposed	Window %age Diff	Mean Window %age Diff	Room %age Diff	Proposed Average	Existing	Proposed	%age Diff	Existing	Proposed	%age Diff	APSH Existing	APSH Proposed	%age Diff	Winter Existing	Winter Proposed	&age Diff
109 Belsize Road	F00	Kitchen/R1	W1	28.32	28.32	0.00%	0.00%	0.00%	14.16	66.33%	66.33%	0.00%	1.73%	1.73%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
			W2	0.00	0.00	N/A										N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R2	W3	28.18	28.08	-0.37%	-0.37%	-0.37%	28.08	87.56%	87.56%	0.00%	1.62%	1.62%	-0.27%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R3	W4	28.24	28.08	-0.57%	-0.57%	-0.57%	28.08	87.56%	87.56%	0.00%	1.65%	1.65%	-0.45%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R4	W5	28.49	28.13	-1.26%	-1.26%	-1.26%	28.13	86.55%	86.55%	0.00%	1.68%	1.66%	-0.97%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R5	W6	28.68	28.18	-1.73%	-1.73%	-1.73%	28.18	86.75%	86.75%	0.00%	1.65%	1.63%	-1.31%	N/A	N/A	N/A	N/A	N/A	N/A
	F01	Kitchen/R1	W1	30.46	30.46	0.00%	0.00%	0.00%	15.23	67.40%	67.40%	0.00%	1.83%	1.83%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
			W2	0.00	0.00	N/A										N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R2	W3	30.88	30.83	-0.18%	-0.18%	-0.18%	30.83	98.91%	98.91%	0.00%	1.74%	1.74%	-0.16%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R3	W4	30.92	30.83	-0.29%	-0.29%	-0.29%	30.83	98.88%	98.88%	0.00%	1.77%	1.77%	-0.25%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R4	W5	31.07	30.87	-0.64%	-0.64%	-0.64%	30.87	98.93%	98.93%	0.00%	1.79%	1.78%	-0.52%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R5	W6	31.20	30.92	-0.90%	-0.90%	-0.90%	30.92	99.05%	99.05%	0.00%	1.76%	1.75%	-0.75%	N/A	N/A	N/A	N/A	N/A	N/A
		Kitchen/R6	W7	7.30	7.30	0.00%	0.00%	0.00%	19.09	96.88%	96.88%	0.00%	1.98%	1.98%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
			W8	30.88	30.88	0.00%										N/A	N/A	N/A	N/A	N/A	N/A
	F02	Kitchen/R1	W1	32.63	32.63	0.00%	0.00%	0.00%	16.31	67.46%	67.46%	0.00%	1.93%	1.93%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
			W2	0.00	0.00	N/A										N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R2	W3	33.59	33.58	-0.04%	-0.04%	-0.04%	33.58	98.91%	98.91%	0.00%	1.87%	1.87%	-0.03%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R3	W4	33.60	33.57	-0.07%	-0.07%	-0.07%	33.57	98.88%	98.88%	0.00%	1.90%	1.90%	-0.05%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R4	W5	33.65	33.60	-0.15%	-0.15%	-0.15%	33.60	98.93%	98.93%	0.00%	1.92%	1.92%	-0.14%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R5	W6	33.72	33.65	-0.22%	-0.22%	-0.22%	33.65	99.05%	99.05%	0.00%	1.88%	1.88%	-0.22%	N/A	N/A	N/A	N/A	N/A	N/A
		Kitchen/R6	W7	16.56	16.56	0.00%	0.00%	0.00%	24.75	97.52%	97.52%	0.00%	2.18%	2.18%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
			W8	32.95	32.95	0.00%										N/A	N/A	N/A	N/A	N/A	N/A
111 Belsize Road	F00	Bedroom/R1	W1	29.34	28.44	-3.06%	-3.06%	-3.06%	28.44	89.16%	89.09%	-0.08%	1.67%	1.63%	-2.36%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R2	W2	29.70	28.58	-3.77%	-3.77%	-3.77%	28.58	88.15%	88.10%	-0.05%	1.72%	1.67%	-2.85%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R3	W3	30.87	29.11	-5.70%	-5.70%	-5.70%	29.11	95.94%	95.93%	-0.01%	1.78%	1.70%	-4.51%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R4	W4	31.42	29.31	-6.72%	-6.72%	-6.72%	29.31	95.05%	94.98%	-0.08%	1.77%	1.68%	-5.36%	N/A	N/A	N/A	N/A	N/A	N/A
		Kitchen/R5	W5	6.19	6.19	0.00%	0.00%	0.00%	17.85	96.86%	96.86%	0.00%	1.91%	1.91%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
			W6	29.50	29.50	0.00%										N/A	N/A	N/A	N/A	N/A	N/A
	F01	Kitchen/R1	W1	30.97	30.97	0.00%	0.00%	0.00%	19.08	96.98%	96.98%	0.00%	2.00%	2.00%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
			W2	7.20	7.20	0.00%										N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R2	W3	31.67	31.19	-1.51%	-1.51%	-1.51%	31.19	99.03%	99.03%	0.00%	1.77%	1.75%	-1.27%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R3	W4	31.92	31.33	-1.84%	-1.84%	-1.84%	31.33	99.04%	99.04%	0.00%	1.82%	1.79%	-1.53%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R4	W5	32.77	31.87	-2.77%	-2.77%	-2.77%	31.87	98.99%	98.99%	0.00%	1.87%	1.83%	-2.41%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R5	W6	33.17	32.09	-3.27%	-3.27%	-3.27%	32.09	99.12%	99.12%	0.00%	1.86%	1.80%	-2.87%	N/A	N/A	N/A	N/A	N/A	N/A
		Kitchen/R6	W7	10.31	9.94	-3.53%	-0.87%	-1.77%	20.70	96.90%	96.90%	0.00%	2.04%	2.04%	-0.17%	N/A	N/A	N/A	N/A	N/A	N/A
			W8	31.45	31.45	0.00%										N/A	N/A	N/A	N/A	N/A	N/A
	F02	Kitchen/R1	W1	33.01	33.01	0.00%	0.00%	0.00%	24.69	97.28%	97.28%	0.00%	2.19%	2.19%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
			W2	16.36	16.36	0.00%										N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R2	W3	34.00	33.90	-0.27%	-0.27%	-0.27%	33.90	99.03%	99.03%	0.00%	1.89%	1.88%	-0.24%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R3	W4	34.14	34.04	-0.30%	-0.30%	-0.30%	34.04	99.04%	99.04%	0.00%	1.93%	1.93%	-0.27%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R4	W5	34.67	34.55	-0.37%	-0.37%	-0.37%	34.55	98.99%	98.99%	0.00%	1.97%	1.96%	-0.35%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R5	W6	34.91	34.77	-0.40%	-0.40%	-0.40%	34.77	99.12%	99.12%	0.00%	1.94%	1.94%	-0.38%	N/A	N/A	N/A	N/A	N/A	N/A
		Kitchen/R6	W7	18.04	18.04	-0.02%	-0.01%	-0.01%	25.72	97.66%	97.66%	0.00%	2.22%	2.22%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
			W8	33.40	33.40	0.00%										N/A	N/A	N/A	N/A	N/A	N/A
113 Belsize Road	F00	Kitchen/R1	W1	29.62	29.62	0.00%	0.00%	0.00%	17.90	97.06%	97.06%	0.00%	1.93%	1.93%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
			W2	6.17	6.17	0.00%										N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R2	W3	32.49	29.74	-8.47%	-8.47%	-8.47%	29.74	99.01%	99.01%	0.00%	1.81%	1.69%	-6.95%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R3	W4	32.83	29.97	-8.70%	-8.70%	-8.70%	29.97	99.00%	99.00%	0.00%	1.86%	1.73%	-7.21%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R4	W5	33.45	30.46	-8.93%	-8.93%	-8.93%	30.46	98.97%	98.97%	0.00%	1.91%	1.76%	-7.58%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R5	W6	33.57	30.59	-8.88%	-8.88%	-8.88%	30.59	99.07%	99.07%	0.00%	1.88%	1.73%	-7.57%	N/A	N/A	N/A	N/A	N/A	N/A
		Kitchen/R6	W7	16.30	15.33	-5.97%	-2.10%	-2.98%	22.67	97.94%	97.94%	0.00%	2.07%	2.06%	-0.44%	N/A	N/A	N/A	N/A	N/A	N/A
			W8	30.01	30.01	0.00%										N/A	N/A	N/A	N/A	N/A	N/A

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Positive %age figures indicate an improvement
in the natural lighting conditions

See Dwg No:19579-LOC-DS-001

				VSC						Daylight Distribution			ADF			APSH					
Address	Floor Level	Room Name	Window ID	Existing	Proposed	Window %age Diff	Mean Window %age Diff	Room %age Diff	Proposed Average	Existing	Proposed	%age Diff	Existing	Proposed	%age Diff	APSH Existing	APSH Proposed	%age Diff	Winter Existing	Winter Proposed	&age Diff
113 Belsize Road	F01	Kitchen/R1	W1	31.55	31.55	0.00%	-0.39%	-0.83%	20.53	97.08%	97.08%	0.00%	2.05%	2.05%	-0.08%	N/A	N/A	N/A	N/A	N/A	N/A
			W2	9.67	9.51	-1.67%										N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R2	W3	33.95	32.54	-4.14%	-4.14%	-4.14%	32.54	99.01%	99.01%	0.00%	1.89%	1.82%	-3.68%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R3	W4	34.18	32.75	-4.21%	-4.21%	-4.21%	32.75	99.00%	99.00%	0.00%	1.93%	1.86%	-3.77%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R4	W5	34.59	33.17	-4.10%	-4.10%	-4.10%	33.17	98.97%	98.97%	0.00%	1.97%	1.89%	-3.72%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R5	W6	34.62	33.25	-3.95%	-3.95%	-3.95%	33.25	99.07%	99.07%	0.00%	1.93%	1.86%	-3.59%	N/A	N/A	N/A	N/A	N/A	N/A
		Kitchen/R6	W7	17.54	17.17	-2.09%	-0.74%	-1.05%	24.52	97.96%	97.96%	0.00%	2.16%	2.16%	-0.15%	N/A	N/A	N/A	N/A	N/A	N/A
			W8	31.87	31.87	0.00%										N/A	N/A	N/A	N/A	N/A	N/A
	F02	Kitchen/R1	W1	33.48	33.48	0.00%	0.00%	0.00%	25.51	97.62%	97.62%	0.00%	2.22%	2.22%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
			W2	17.55	17.55	0.00%										N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R2	W3	35.39	35.24	-0.44%	-0.44%	-0.44%	35.24	99.01%	99.01%	0.00%	1.96%	1.95%	-0.43%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R3	W4	35.52	35.36	-0.44%	-0.44%	-0.44%	35.36	99.00%	99.00%	0.00%	2.00%	1.99%	-0.40%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R4	W5	35.67	35.54	-0.36%	-0.36%	-0.36%	35.54	98.97%	98.97%	0.00%	2.02%	2.02%	-0.35%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R5	W6	35.65	35.53	-0.32%	-0.32%	-0.32%	35.53	99.07%	99.07%	0.00%	1.98%	1.98%	-0.29%	N/A	N/A	N/A	N/A	N/A	N/A
		Kitchen/R6	W7	20.91	20.91	0.00%	0.00%	0.00%	27.35	98.10%	98.10%	0.00%	2.28%	2.28%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
			W8	33.78	33.78	0.00%										N/A	N/A	N/A	N/A	N/A	N/A
115 Belsize Road	B01	Bedroom/R1	W1	31.46	29.35	-6.72%	-6.83%	-6.83%	28.47	98.25%	97.82%	-0.44%	1.44%	1.36%	-5.41%	N/A	N/A	N/A	N/A	N/A	N/A
			W2	29.64	27.58	-6.94%										N/A	N/A	N/A	N/A	N/A	N/A
	F00	Living Room/R1	W1	33.32	32.13	-3.57%	-3.44%	-3.44%	31.76	98.86%	98.86%	0.00%	2.06%	2.00%	-2.81%	N/A	N/A	N/A	N/A	N/A	N/A
			W2	32.46	31.39	-3.31%										N/A	N/A	N/A	N/A	N/A	N/A
	F01	Bedroom/R1	W1	34.64	34.56	-0.24%	-0.23%	-0.23%	33.88	97.66%	97.66%	0.00%	1.86%	1.86%	-0.19%	N/A	N/A	N/A	N/A	N/A	N/A
			W2	34.57	34.49	-0.23%										N/A	N/A	N/A	N/A	N/A	N/A
			W3	33.80	33.73	-0.21%										N/A	N/A	N/A	N/A	N/A	N/A
			W4	32.81	32.74	-0.23%										N/A	N/A	N/A	N/A	N/A	N/A
	F02	Bedroom/R1	W1	33.43	33.43	0.00%	0.00%	0.00%	27.51	98.37%	98.37%	0.00%	0.63%	0.63%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
			W2	24.64	24.64	0.00%										N/A	N/A	N/A	N/A	N/A	N/A
			W3	24.46	24.46	0.00%										N/A	N/A	N/A	N/A	N/A	N/A
117 Belsize Road	B01	Bedroom/R1	W1	31.45	30.21	-3.95%	-3.95%	-3.95%	30.21	97.61%	97.19%	-0.43%	1.11%	1.07%	-3.22%	N/A	N/A	N/A	N/A	N/A	N/A
	F00	Living Room/R1	W1	33.29	32.40	-2.68%	-2.68%	-2.68%	32.40	97.69%	97.69%	0.00%	1.80%	1.76%	-2.23%	N/A	N/A	N/A	N/A	N/A	N/A
	F01	Living Room/R1	W1	34.62	34.55	-0.19%	-0.17%	-0.17%	34.50	93.07%	93.07%	0.00%	1.39%	1.39%	-0.13%	N/A	N/A	N/A	N/A	N/A	N/A
			W2	34.58	34.54	-0.12%										N/A	N/A	N/A	N/A	N/A	N/A
			W3	34.46	34.39	-0.19%										N/A	N/A	N/A	N/A	N/A	N/A
		Kitchen/R2	W4	27.24	27.22	-0.09%	-0.09%	-0.09%	27.22	96.05%	96.05%	0.00%	1.44%	1.44%	-0.05%	N/A	N/A	N/A	N/A	N/A	N/A
	F02	Bedroom/R1	W1	34.08	34.08	0.00%	0.00%	0.00%	34.08	90.46%	90.46%	0.00%	1.05%	1.05%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
119 Belsize Road	B01	Bedroom/R1	W1	29.29	28.64	-2.21%	-2.17%	-2.17%	27.65	98.11%	98.09%	-0.02%	1.52%	1.49%	-1.70%	N/A	N/A	N/A	N/A	N/A	N/A
			W2	27.23	26.65	-2.13%										N/A	N/A	N/A	N/A	N/A	N/A
	F00	Living Room/R1	W1	31.48	30.96	-1.63%	-1.56%	-1.55%	30.21	98.63%	98.63%	0.00%	1.91%	1.89%	-1.18%	N/A	N/A	N/A	N/A	N/A	N/A
			W2	29.90	29.46	-1.47%										N/A	N/A	N/A	N/A	N/A	N/A
	F01	Unknown/R1	W1	28.91	28.89	-0.07%	-0.07%	-0.07%	28.89	96.09%	96.09%	0.00%	1.76%	1.76%	-0.05%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R2	W2	32.67	32.66	-0.05%	-0.04%	-0.04%	31.37	97.18%	97.18%	0.00%	1.73%	1.73%	-0.03%	N/A	N/A	N/A	N/A	N/A	N/A
			W3	32.50	32.49	-0.04%										N/A	N/A	N/A	N/A	N/A	N/A
			W4	31.10	31.09	-0.04%										N/A	N/A	N/A	N/A	N/A	N/A
			W5	29.25	29.24	-0.03%										N/A	N/A	N/A	N/A	N/A	N/A
	F02	Bedroom/R1	W1	32.30	32.30	0.00%	0.00%	0.00%	24.69	99.15%	99.15%	0.00%	1.19%	1.19%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
			W2	28.33	28.33	0.00%										N/A	N/A	N/A	N/A	N/A	N/A
			W3	19.39	19.39	0.00%										N/A	N/A	N/A	N/A	N/A	N/A
			W4	18.74	18.74	0.00%										N/A	N/A	N/A	N/A	N/A	N/A
121 Belsize Road	B01	Bedroom/R1	W1	26.87	26.87	0.00%	-0.17%	-0.17%	27.20	92.19%	92.19%	0.00%	0.84%	0.84%	-0.18%	N/A	N/A	N/A	N/A	N/A	N/A
			W2	27.62	27.53	-0.35%										N/A	N/A	N/A	N/A	N/A	N/A
	F00	Living Room/R1	W1	30.71	30.36	-1.14%	-0.79%	-0.57%	22.00	97.97%	97.97%	0.00%	1.82%	1.80%	-0.79%	N/A	N/A	N/A	N/A	N/A	N/A
			W2	13.63	13.63	0.00%										N/A	N/A	N/A	N/A	N/A	N/A

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				VSC						Daylight Distribution			ADF			APSH					
Address	Floor Level	Room Name	Window ID	Existing	Proposed	Window %age Diff	Mean Window %age Diff	Room %age Diff	Proposed Average	Existing	Proposed	%age Diff	Existing	Proposed	%age Diff	APSH Existing	APSH Proposed	%age Diff	Winter Existing	Winter Proposed	&age Diff
121 Belsize Road	F01	Living Room/R1	W1	31.63	31.62	-0.01%	-0.01%	-0.01%	31.44	89.15%	89.15%	0.00%	1.27%	1.27%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
			W2	31.37	31.37	0.00%										N/A	N/A	N/A	N/A	N/A	N/A
			W3	31.32	31.32	0.00%										N/A	N/A	N/A	N/A	N/A	N/A
		Kitchen/R2	W4	23.48	23.48	0.00%	0.00%	0.00%	23.48	94.66%	94.66%	0.00%	1.41%	1.41%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
	F02	Bedroom/R1	W1	31.17	31.17	0.00%	0.00%	0.00%	31.17	78.69%	78.69%	0.00%	1.00%	1.00%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
123 Belsize Road	B01	Bedroom/R1	W1	26.44	26.27	-0.66%	-0.78%	-0.79%	25.16	94.74%	94.73%	-0.01%	1.24%	1.23%	-0.59%	N/A	N/A	N/A	N/A	N/A	N/A
			W2	24.27	24.05	-0.92%										N/A	N/A	N/A	N/A	N/A	N/A
	F00	Living Room/R1	W1	28.49	28.34	-0.51%	-0.48%	-0.48%	27.63	98.81%	98.81%	0.00%	1.76%	1.76%	-0.33%	N/A	N/A	N/A	N/A	N/A	N/A
			W2	27.04	26.92	-0.44%										N/A	N/A	N/A	N/A	N/A	N/A
	F01	Unknown/R1	W1	24.88	24.88	0.00%	0.00%	0.00%	24.88	93.48%	93.48%	0.00%	1.54%	1.54%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
		Bedroom/R2	W2	29.30	29.30	0.00%	0.00%	0.00%	28.20	96.50%	96.50%	0.00%	1.59%	1.59%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
			W3	29.09	29.09	0.00%										N/A	N/A	N/A	N/A	N/A	N/A
			W4	27.89	27.89	0.00%										N/A	N/A	N/A	N/A	N/A	N/A
			W5	26.52	26.52	0.00%										N/A	N/A	N/A	N/A	N/A	N/A
	F02	Bedroom/R1	W1	19.38	19.38	0.00%	0.00%	0.00%	38.79	94.17%	94.17%	0.00%	0.79%	0.79%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
			W2	18.55	18.55	0.00%										N/A	N/A	N/A	N/A	N/A	N/A
			W3	78.45	78.45	0.00%										N/A	N/A	N/A	N/A	N/A	N/A
125 Belsize Road	B01	Bedroom/R1	W1	24.22	24.22	0.00%	0.00%	0.00%	24.22	87.68%	87.68%	0.00%	0.98%	0.98%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
	F00	Living Room/R1	W1	27.10	27.01	-0.32%	-0.32%	-0.32%	27.01	88.77%	88.77%	0.00%	1.50%	1.49%	-0.18%	N/A	N/A	N/A	N/A	N/A	N/A
	F01	Living Room/R1	W1	28.00	28.00	0.00%	0.00%	0.00%	27.78	85.45%	85.45%	0.00%	1.16%	1.16%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
			W2	27.71	27.71	0.00%										N/A	N/A	N/A	N/A	N/A	N/A
			W3	27.63	27.63	0.00%										N/A	N/A	N/A	N/A	N/A	N/A
		Kitchen/R2	W4	19.80	19.80	0.00%	0.00%	0.00%	19.80	76.68%	76.68%	0.00%	1.16%	1.16%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A
	F02	Bedroom/R1	W1	27.38	27.38	0.00%	0.00%	0.00%	27.38	68.74%	68.74%	0.00%	0.90%	0.90%	0.00%	N/A	N/A	N/A	N/A	N/A	N/A

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