



Unlocking potential for a better built environment

DAYLIGHT & SUNLIGHT

IMPACT ON NEIGHBOURING
PROPERTIES REPORT:
APPENDICES

St Michael's Place, Huyton

Genr8 Kajima

30 July 2026

GIA No: **22348**

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CONTENTS

APPENDIX 01	
ASSUMPTIONS	3
APPENDIX 02	
PRINCIPLES OF DAYLIGHT, SUNLIGHT & OVERSHADOWING	7
APPENDIX 03	
DRAWINGS	21
EXISTING	23
PROPOSED	29
APPENDIX 04	
RESULTS & CONTOURS	35
EXISTING v PROPOSED (RESULTS)	37
EXISTING v PROPOSED (CONTOURS)	43

APPENDIX 01 ASSUMPTIONS

APPENDIX 01

ASSUMPTIONS

01

- A 1.1 The context model has been produced using our VU.CITY platform. GIA have extracted the required area, creating a 3D model with an overall building tolerance of up to 150mm. The relevant windows have been added to the VU.CITY model from site photographs, observations and brick counting.

02

- A 1.2 GIA have sought to create the most accurate 3D model possible based on the data available, however, a degree of tolerance should be applied.

03

- A 1.3 The scope of buildings assessed has been determined as a reasonable zone which considers both the scale of the proposed scheme and the proximity of those buildings which surround and face the site. There may be properties outside of the considered scope that are affected by the scheme, however, no significant effects are anticipated.

04

- A 1.4 GIA have obtained full or partial floor plans for the following properties:
- 12-18 Archway Road
 - Brookfield House
 - 6 Archway Road
 - 24 Archway Road
- A 1.5 These layouts have been incorporated into our 3D computer model. It is reasonable to assume that these layouts have been implemented, however, GIA would require access to confirm this.

05

- A 1.6 Where GIA have not been able to source detailed internal floor-plans reasonable assumptions as to the internal layouts of the rooms behind the fenestration have been made. This is normal practice where access to adjoining properties is undesirable in terms of development confidentiality. Unless the building form dictates otherwise, we assume a standard 4.2m deep room (14ft) for residential properties.

06

- A 1.7 Floor levels have been assumed for adjoining properties as access has not been obtained. This dictates the level of the working plane which is the point at which the No Sky Line assessments are carried out.

07

- A 1.8 GIA have discounted rooms that appear to be or are confirmed to be bathrooms, hallways, circulation space etc. These rooms are not considered to be habitable and thus do not require assessment in accordance with the BRE Guidelines.

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APPENDIX 02

PRINCIPLES OF DAYLIGHT, SUNLIGHT & OVERSHADOWING

APPENDIX 02

PRINCIPLES OF DAYLIGHT, SUNLIGHT & OVERSHADOWING

The Building Research Establishment (BRE) have set out in their handbook 'Site Layout Planning for Daylight & Sunlight: A Guide to Good Practice 3rd edition (2022)', guidelines and methodology for the measurement and assessment of daylight, sunlight and overshadowing.

BACKGROUND & CONTEXT

A 2.1 The quality of daylight and sunlight amenity as well as the overshadowing of open spaces is often stipulated within planning policy for protection or enhancement and a concern for adjoining owners and other interested parties.

A 2.2 The BRE Guidelines provide advice on site layout planning to determine the quality of daylight and sunlight both within buildings and reaching open spaces.

A 2.3 The BRE Guidelines note that the document is intended to be used in conjunction with the interior daylight recommendations found within the British Standard Daylight in buildings, BS EN 17037 and the CIBSE Publication LG 10 Daylighting – a guide for designers.

A 2.4 Whilst the BRE Guidelines are typically referred to for daylight sunlight and overshadowing matters within the planning process, they were not intended to be used as an instrument of planning policy, nor were the figures intended to be fixedly applied to all locations.

A 2.5 In the introduction of 'Site Layout Planning for daylight and sunlight (2022)', section 1.6 (page 7), states that:

"The guide is intended for building designers and their clients, consultants and planning officials. The advice given here is not mandatory and this document should not be seen as an instrument of planning policy; its aim is to help rather than constrain the designer. Although it gives numerical guidelines, these should be interpreted flexibly since natural lighting is only one of many factors in site layout design (see Section 5). 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".

A 2.6 Paragraph 2.2.3 (page 14) of the document states:

"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".

A 2.7 The numerical criteria suggested by the BRE are therefore designed to provide industry advice/guidance to plan/design with daylight in mind. Alternative values may be appropriate in certain circumstances such as highly dense urban areas. The BRE approach to creating alternative criteria is detailed within Appendix F of the Document.

A 2.8 Paragraph 2.2.2 (page 14) of the BRE Guidelines states:

"intended for use for rooms in adjoining dwellings where daylight is required, including living rooms, kitchens, and bedrooms. Windows to bathrooms, toilets, storerooms, circulation areas, and garages need not be analysed."

A 2.9 Although primarily designed to be used for residential properties, the BRE Guidelines continue to state that they may be applied to any existing non-residential buildings where there may be a reasonable expectation of daylight including; schools, hospitals, hotels and hostels, small workshops, and some offices.

A 2.10 Many Local Planning Authorities consider daylight and sunlight an important factor for determining planning applications. Policies refer to both the protection of daylight and sunlight amenity within existing properties and areas of amenity as well as the creation of proposed dwellings and spaces with high levels of daylight and sunlight amenity.

A 2.11 Although Local Authorities will look to the BRE Guide to understand impacts it is their Planning Policies that will determine whether the changes in light should be a reason for refusal at planning.

A 2.12 It is an inevitable consequence of the built-up urban environment that daylight and sunlight will be more limited in dense urban areas. It is well acknowledged that in such situations there may be many other conflicting and potentially more important planning and urban design matters to consider other than just the provision of ideal levels of daylight and sunlight.

A 2.13 The following sections extract relevant sections from the Guide.

EFFECTS TO DAYLIGHT

A 2.14 The BRE Guidelines provide two methodologies for daylight impact assessment, namely;

- 1 The Vertical Sky Component (VSC); and
- 2 The No Sky Line (NSL).

Vertical Sky Component (VSC)

A 2.15 The Vertical Sky Component (VSC) method is described in the Glossary of BRE Guidelines as the:

“Ratio of that part of illuminance, at a point on a given vertical plane, that is received directly from a CIE standard overcast sky, to illuminance on a horizontal plane due to an unobstructed hemisphere of this sky. Usually the ‘given vertical plane’ is the outside of a window wall. The VSC does not include reflected light, either from the ground or from other buildings”

A 2.16 Put simply, the VSC provides an assessment of the amount of skylight falling on a vertical plane

(generally a window) directly from the sky, in the circumstance of an overcast sky (CIE standard).

A 2.17 The national numerical value target “ideal” for VSC is 27%. The BRE Guidelines advise that upon implementation of a development, a window should retain a VSC value of 27% or at least 0.8 of its former value (i.e. no more than a 20% change) as per paragraph 2.2.23 of the Guide.

A 2.18 This form of assessment does not take account of window size, room use, room size, window number or dual aspect rooms. The assessment also assumes that all obstructions to the sky are 100% non-reflective thereby omitting the consideration of reflection and considering only the light coming directly from the sky.

A 2.19 The VSC calculation is undertaken in both the existing and proposed scenarios so as to make a comparison.

A 2.20 The image in Figure 01 depicts a Waldram Diagram which can be used to calculate the VSC. The existing buildings are solidly pictured with the proposed scheme semi-transparent in the foreground.

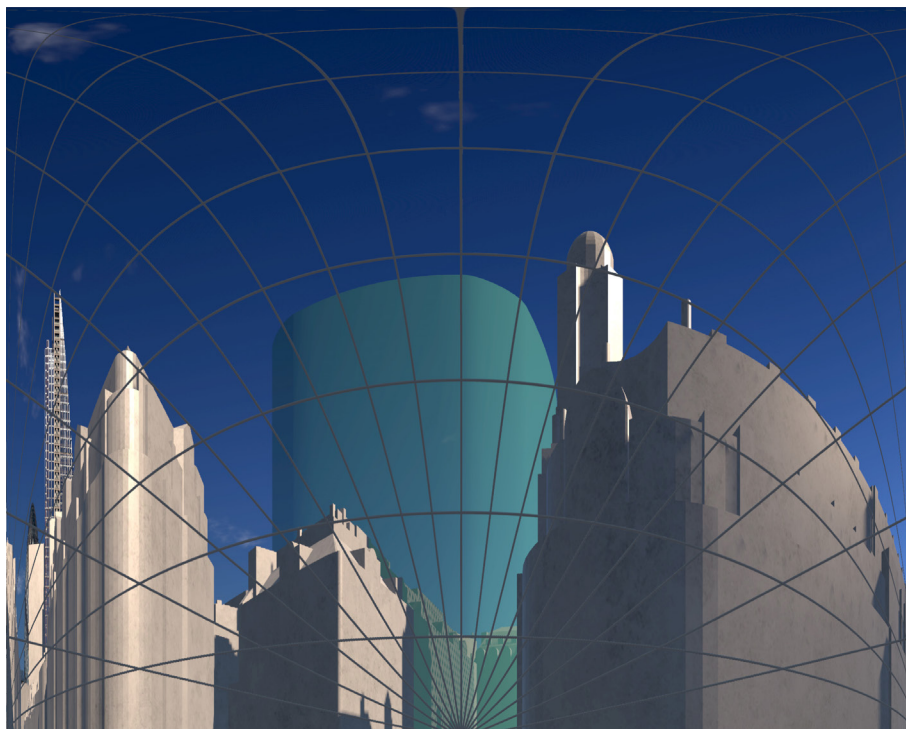


Figure 01: Waldram diagram

No Sky Line (NSL)

- A 2.21 In addition to the VSC, the BRE recommends the NSL method of assessment where internal layouts are known. Whilst the VSC provides information on the quantum of light reaching a window, the NSL seeks to provide information on how well this light is distributed within the room. The NSL is sometimes also referred to as ‘Daylight Distribution’ for this reason.
- A 2.22 The NSL is defined in the Glossary of the Guide as “the outline on the working plane of the area from which no sky can be seen.” and so the NSL is effectively an assessment of sky visibility within a room. As stated already, the calculation is undertaken across the working plane which in accordance with paragraph 2.2.10 “in houses [...] is assumed to be horizontal and 0.85m high”.
- A 2.23 Again, both the existing and proposed positions are calculated and presented alongside any change in position of the NSL. The results can then be presented in table format or else illustrated on a contour plot if required, an example of which can be found in Figure 02 below.

A 2.24 The BRE Guidelines state at paragraph 2.211 that:

“If, following construction of a new development, the no sky line moves so that the area of the existing room, which does receive direct skylight, is reduced to less than 0.8 times its former value this will be noticeable to the occupants, and more of the room will appear poorly lit. This is also true if the no sky line encroaches on key areas like kitchen sinks and worktops.”

- A 2.25 In accordance with the strict application of the national numerical values, therefore the change in daylight would be noticeable to the occupants should the NSL experience a loss of NSL greater than 20%.
- A 2.26 It is relevant to note that this assessment takes the number and size of windows serving a room into account as well as the shape of the room but, being concerned only with sky visibility and the distribution of light, does not consider the quantum of light reaching the room.

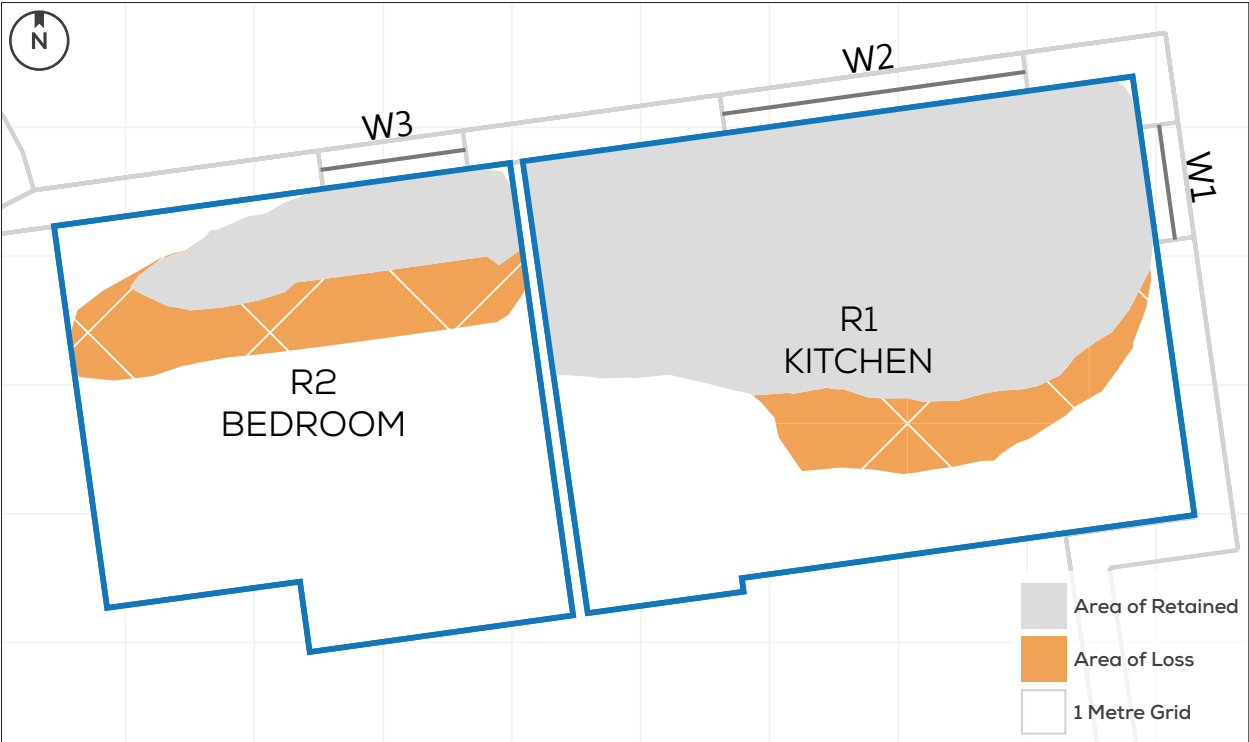


Figure 02: Example NSL diagram

Decision Chart (Figure 20 of the BRE Guide)

A 2.27 The flowchart in Figure 03 illustrates the steps and criteria outlined within the BRE Guidelines to understand whether the daylighting (VSC and NSL) may be significantly affected.

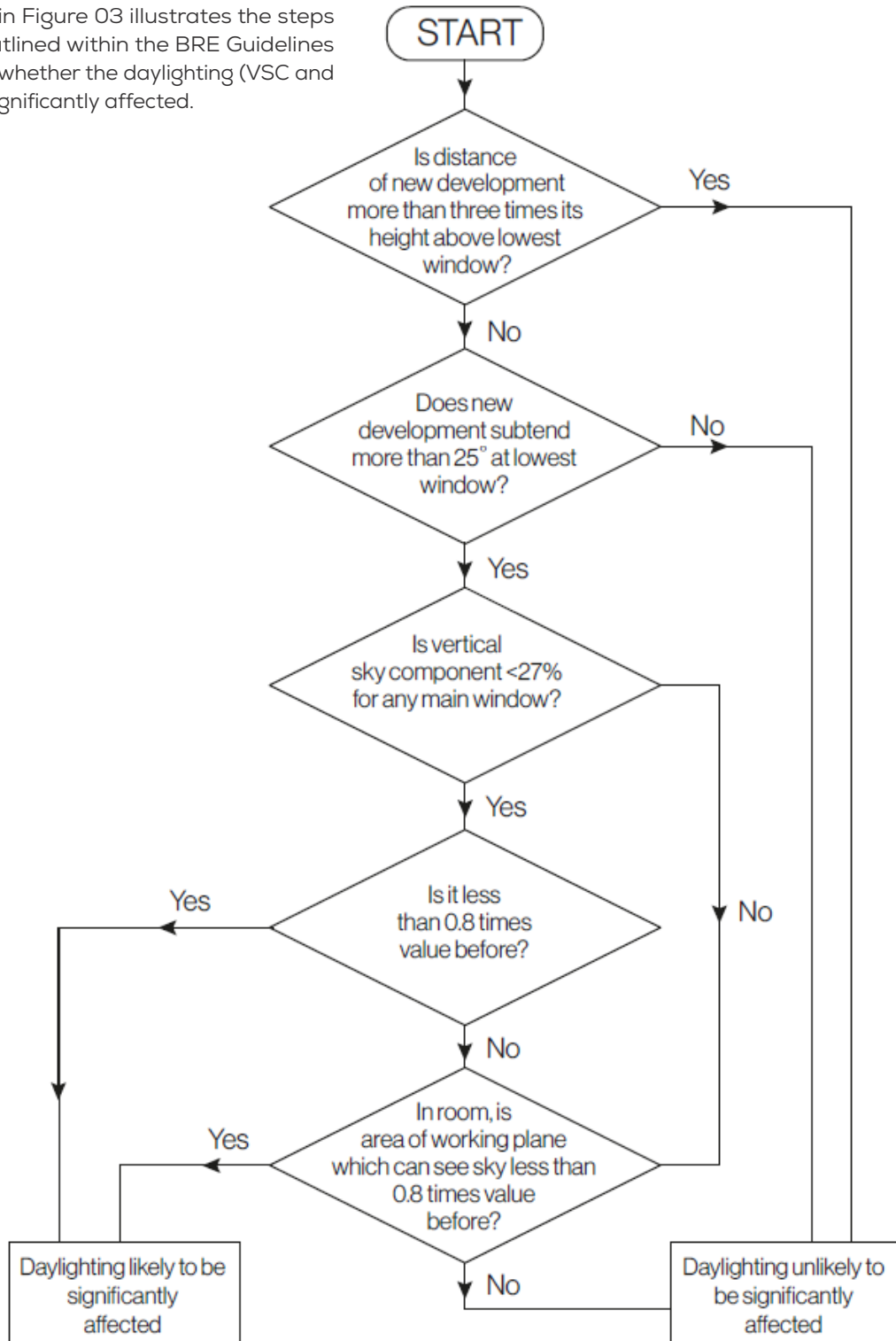


Figure 03: BRE Decision Chart (Figure 20): diffuse daylight in existing buildings. This does not include an assessment of rights to light issues, which a developer may need to consider separately

EFFECTS TO SUNLIGHT

Annual Probable Sunlight Hours (APSH)

A 2.28 The BRE Guidance suggests that to understand sunlight impacts to a property, an assessment of Annual Probable Sunlight Hours (APSH) is undertaken. The APSH is defined in the Glossary as:

“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)”

A 2.29 Expanding on the above within the Guidance, long-term averages were used to position 100 spots in the sky, representative of sunlight over the whole year. Correlating to the probability of the sun to shine, the majority of these (70) are at times to the six-months containing summer (from spring equinox to autumn equinox) which 30 are the ‘winter’ months from autumn equinox to spring. The APSH is calculated though calculating how many of these ‘spots’ can be seen from a location (normally a window) both overall and how many of these are during the winter months.

A 2.30 To understand the potential sunlight impacts therefore, all windows facing within 90 degrees of due south and overlooking the development are generally assessed for APSH.

A 2.31 The BRE Guidelines set out the overall methodology and criteria for the assessment of Sunlight in Chapter 3. The BRE Guidelines state in paragraph 3.2.3 and 3.2.5:

“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 degrees 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.”

A 2.32 In interpreting the results, the BRE Guidance states in summary 3.2.13 that:

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

- receives less than 25% of annual probable sunlight hours, or less than 5% of annual probable sunlight hours between 21 September and 21 March, and*
- receives less than 0.8 times its former sunlight hours during either period; and*
- has a reduction in sunlight received over the whole year greater than 4% of annual probable sunlight hours.”*

A 2.33 The image in Figure 04 depicts the APSH sun spots overlaid on a Waldram Diagram. The existing buildings are solidly pictured with the proposed scheme semi-transparent in the foreground. The yellow spots indicate summer sun and the blue spots indicate winter sun.

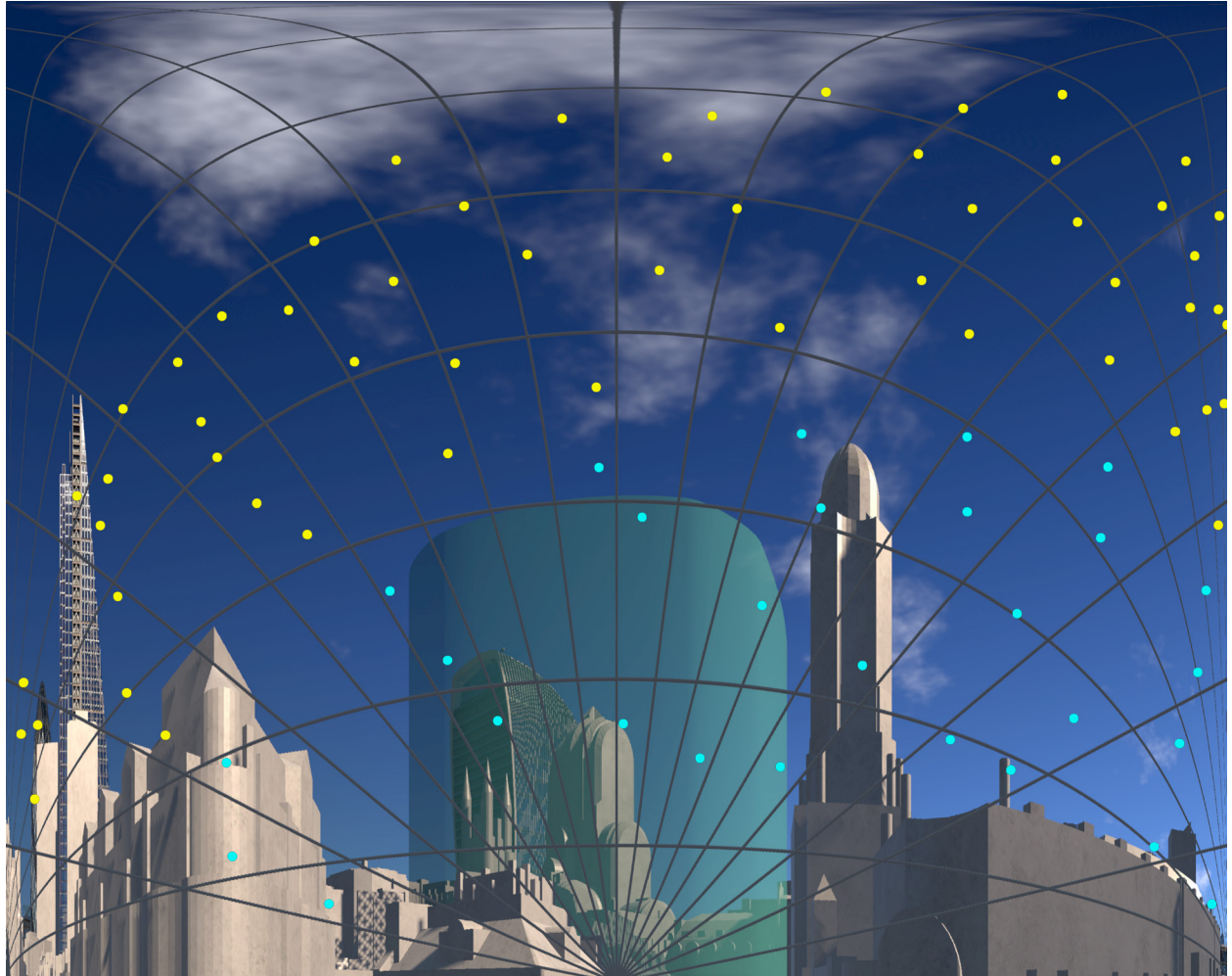


Figure 04: Waldram diagram

EFFECTS TO OVERSHADOWING

A 2.34 The BRE guidance in respect of overshadowing of amenity spaces is set out in section 3.3.1 of the handbook. Here it states as follows:

"Sunlight in the spaces between and around buildings has an important impact on the overall appearance and ambiance of a development. It is valuable for a number of reasons, to:

- *provide attractive sunlit views (all year)*
- *make outdoor activities like sitting out and children's play more pleasant (mainly warmer months)*
- *encourage plant growth (mainly spring and summer)*
- *dry out the ground, reducing moss and slime (mainly in colder months)*
- *melt frost, ice and snow (in winter)*
- *dry clothes (all year)."*

A 2.35 It must be acknowledged that in urban areas the availability of sunlight on the ground is a factor which is significantly controlled by the existing urban fabric around the site in question and so may have very little to do with the form of the development itself. Likewise, there may be many other urban design, planning and site constraints which determine and run contrary to the best form, siting and location of a proposed development in terms of availability of sun on the ground.

Sun Hours on Ground & Transient Overshadowing

A 2.36 The Sun Hours on Ground method of overshadowing assessment uses specialist software to determine the sunlight exposure across an area of amenity.

A 2.37 The BRE Guidelines suggest that the Spring Equinox (21 March), being the year's midpoint, is a suitable date for the assessment. Paragraph 3.3.17 states:

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

A 2.38 The Transient Overshadowing study is recommended where large buildings are proposed which may affect a number of gardens or open spaces or where an area is particularly sensitive at certain times of day or year. For the purpose of this assessment, the additional shadow cast is mapped and highlighted at hourly intervals from sunrise to sunset on the following dates:

- 21 March (Spring equinox)
- 21 June (Summer solstice)
- 21 December (Winter solstice)

A 2.39 The BRE guidelines do not provide any suggested criteria for Transient Overshadowing, rather it is a qualitative assessment to aid understanding.

BRE GUIDELINES: ADDITIONAL DAYLIGHT AND SUNLIGHT TESTS

Daylight - VSC and APSH to Rooms

A 2.40 As outlined within the BRE Guidelines (paragraph 2.2.6), the VSC value is calculated for each window; however:

"If a room has two or more windows of equal size, the mean of their VSCs may be taken".

A 2.41 Where a room is served by two or more windows of the same or different sizes, the VSC value to the room can be calculated by applying an average weighting calculation to understand the VSC value to the room. The formula used is as follows;

$$\Sigma(V_n \cdot A_n) / \Sigma A_n$$

Where:

V = window VSC

A = window area

n = the number of windows

A 2.42 The BRE provide a methodology to calculate APSH in relation to the room and window, paragraph 3.1.12 states:

"If a room has multiple windows, the amount of sunlight received by each can be added together provided they occur at different times and sunlight hours are not double counted."

A 2.43 The above extract of the BRE is in relation to proposed units rather than existing buildings. It does, however, make sense to apply this methodology to existing rooms as well, when room layouts are known as a room served by multiple windows could receive the benefit of sunlight from all windows and not just one.

A 2.44 GIA calculate the APSH room assessment in the following way:

- 1 The sunlight hours (both winter and annual) are calculated for each window. Instead of simply returning the overall per cent pass rate, i.e. one figure for winter, and one for the whole year, the yes/no result of each of the 100 sun spots is tracked. For this accounting to work, each sun dot needs to be assigned a unique identifier, e.g. from 1 to 100;

- 2 The sets of 100 sun spots are combined for each room using Boolean logic, i.e. conjunctions of yes/no values. The outcome of this step is a set of 100 yes/no values corresponding to the 100 sun spots, but on a per-room basis. Each per-room dot is counted if it is unobstructed for at least one of its windows; and
- 3 The unobstructed sun dots for the room are summed up and expressed as a percentage of the total number of annual and winter spots.

Balconies/Overhangs

A 2.45 The BRE recognises that existing architectural features on neighbouring buildings such as balconies and overhangs inherently restrict the quantum of skylight to a window. The BRE Guidelines note on page 11, paragraph 2.1.17 and page 16, paragraph 2.2.13:

"This is a particular problem if there are large obstructions opposite; with the combined effect of the overhang and the obstruction, it may be impossible to see the sky from inside the room, and hence to receive any direct skylight or sunlight at all."

"Existing windows with balconies above them typically receive less daylight. Because the balcony cuts out light from the top part of the sky, even a modest obstruction opposite may result in a large relative impact on the VSC, and on the area receiving direct skylight. One way to demonstrate this would be to carry out an additional calculation of the VSC and the area receiving direct skylight, for both the existing and proposed situations, without the balcony in place."

A 2.46 As noted by the BRE Guidelines, where there are existing overhanging features, larger reductions in skylight and sunlight may be unavoidable and alternative criteria can be used. The guidance suggests that in such situations a calculation is carried out that excludes the balcony or the obstruction.

DAYLIGHT - MIRROR MASSING & ADJOINING DEVELOPMENT LAND

Alternative target Values for Skylight and Sunlight Access "Mirror Massing"

A 2.47 The BRE Guidelines provide a calculation for the VSC and APSH analysis to quantify an appropriate alternative value based on the context of an environment. This approach is known as the 'mirror image' analysis (see Figure 05).

A 2.48 The BRE notes in paragraph F5:

"where an existing building has windows that are unusually close to the site boundary and taking more than their fair share of light. Figure F3 shows an example where side windows of an existing building are close to the boundary. To ensure that new development matches the height and proportions of existing buildings, the VSC and APSH targets for these windows could be set to those for a 'mirror-image' building of the same height and size, an equal distance away on the other side of the boundary."

A 2.49 This analysis is used to understand the levels of Daylight (VSC) and Sunlight (APSH) that would be experienced by an extant neighbouring property if there were a building of the same height and extent opposite.

A 2.50 The mirror image assessment is fairly simplistic and is not, therefore, easily applied to large and complex site footprints which are not all built at equal distances from the site boundary or of the same footprint.

Adjoining Development Land

A 2.51 The "Adjoining Development Land" analysis provided within the BRE Guidelines is a simple test to ensure that a proposal is a reasonable distance from the boundary so as to "enable future nearby developments to enjoy a similar access to daylight." (2.3.1)

A 2.52 The BRE comments in paragraphs 2.3.3, 2.3.6 and 2.3.7 that:

"The diffuse daylight coming over the boundary may be quantified in the following way. As a first check, draw a section in a plane perpendicular to

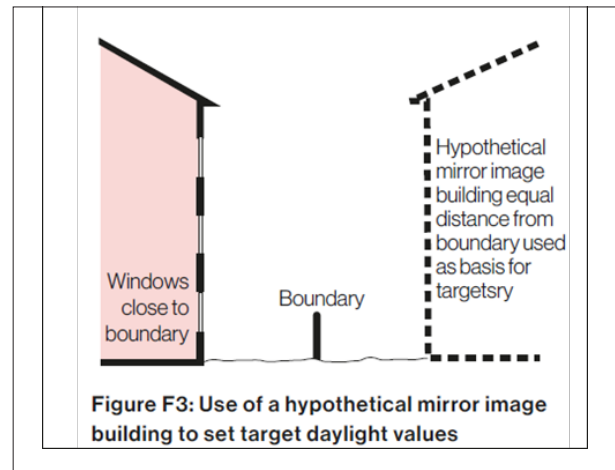


Figure 05: Littlefair, P. (2022). Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: HIS BRE Press p 87
Figure F3

the boundary (Figure 21). If a road separates the two sites then the centre line of the road should be taken. Measure the angle to the horizontal subtended at a point 1.6 metres above the boundary by the proposed new buildings. If this angle is less than 43° then there will normally still be the potential for good daylighting on the adjoining development site (but see Sections 2.3.6 and 2.3.7)."

"The guidelines above should not be applied too rigidly. A particularly important exception occurs when the two sites are very unequal in size and the proposed new building is larger in scale than the likely future development nearby. This is because the numerical values above are derived by assuming the future development will be exactly the same size as the proposed new building (Figure 22). If the adjoining sites for development are a lot smaller, a better approach is to make a rough prediction of where the nearest window wall of the future development may be; then to carry out the 'new building' analysis in Section 2.1 for this window wall."

"The 43° angle should not be used as a form generator, to produce a building which slopes or steps down towards the boundary. Compare Figure 23 with Figure 22 to see how this can result in a higher than anticipated obstruction to daylight. In Figure 23 the proposed building subtends 34° at its mirror image, rather than the maximum of 25° suggested here. In cases of doubt, the best approach is again to carry out a new building analysis for the most likely location of a window wall of a future development."

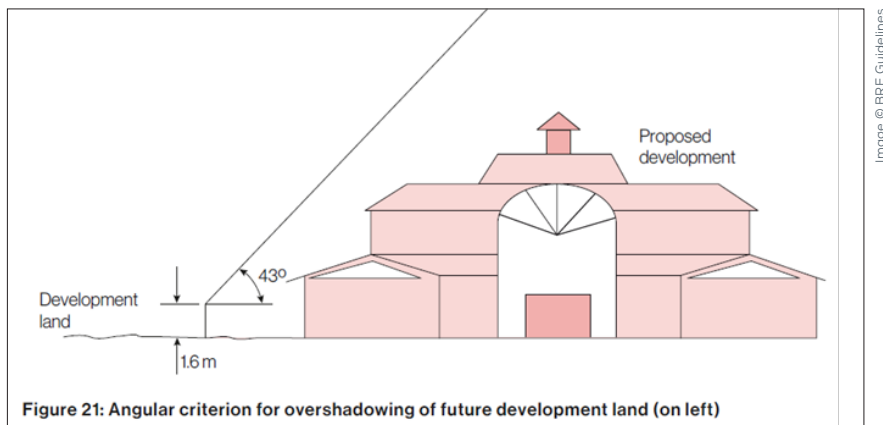


Figure 06: Littlefair, P. (2022). Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: HIS BRE Press p 19 Figure 21

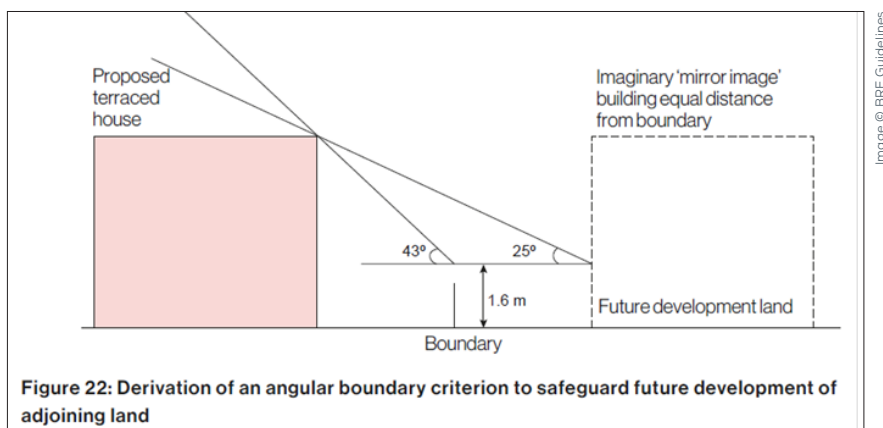


Figure 07: Littlefair, P. (2022). Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: HIS BRE Press p 20 Figure 22

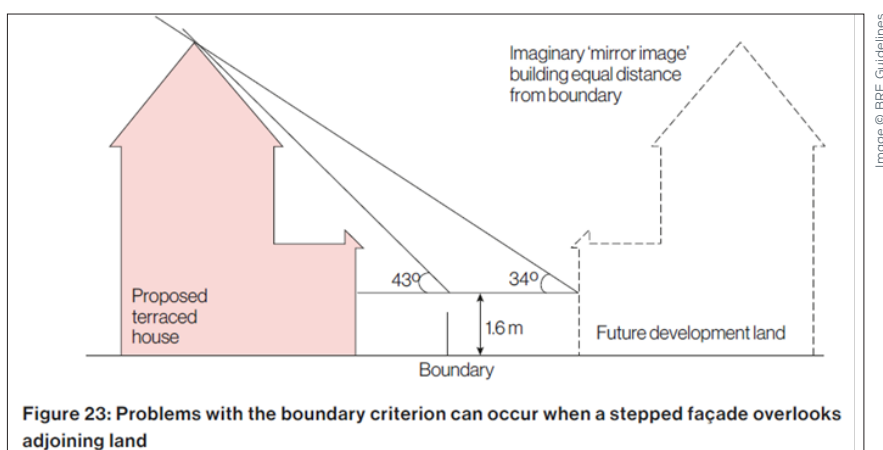


Figure 08: Littlefair, P. (2022). Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: HIS BRE Press p 20 Figure 23

A 2.53 As outlined above, the Adjoining Development Land analysis is predicated on ensuring that a proposal next to future development land is not negatively impacting the ability to develop in consideration of light matters.

PHOTOVOLTAICS

- A 2.54 Paragraph 4.5.2 states that “where a proposed development may result in loss of radiation to existing solar panels (either photovoltaic or solar thermal), an assessment should be carried out.”
- A 2.55 Paragraph 4.5.8 states that “Where the annual probable sunlight hours received by a solar panel with the new development in place is less than 0.90 times the value before, a more detailed calculation of the loss of solar radiation should be undertaken. This is a specialist type of assessment and expert advice should be sought. The assessment should include both direct solar and diffuse sky radiation; over a whole year, around 60% of the radiation received on a horizontal roof comes from the sky. However, reflected radiation from the ground and obstructions need not be included. The modelling should take account of the effects of cloud in reducing direct solar radiation at different times of year, and include a realistic simulation of the way that incoming solar radiation varies from different parts of the sky.”
- A 2.56 Paragraph 4.5.9 states that “if over the whole year the ratio of total solar radiation received with the new development, to the existing value is less than the values given in Table 2, then the loss of radiation is significant.”

Table 2. Recommended minimum ratios of solar radiation received.

Slope of solar panel in degrees to horizontal	Recommended minimum ratio of radiation received after/before
0-30	0.90
30.01-59.99	0.85
60-90	0.80

Figure 09: Table 2 from BRE Guidance Section 4, page 36

OTHER AMENITY CONSIDERATIONS

- A 2.58 Daylight and sunlight is one factor among many under the heading of residential amenity considerations for any given development design or planning application; others include:
- View;
 - Privacy;
 - Security;
 - Access;
 - Enclosure;
 - Microclimate;
 - Solar Dazzle; and
 - Solar Convergence.

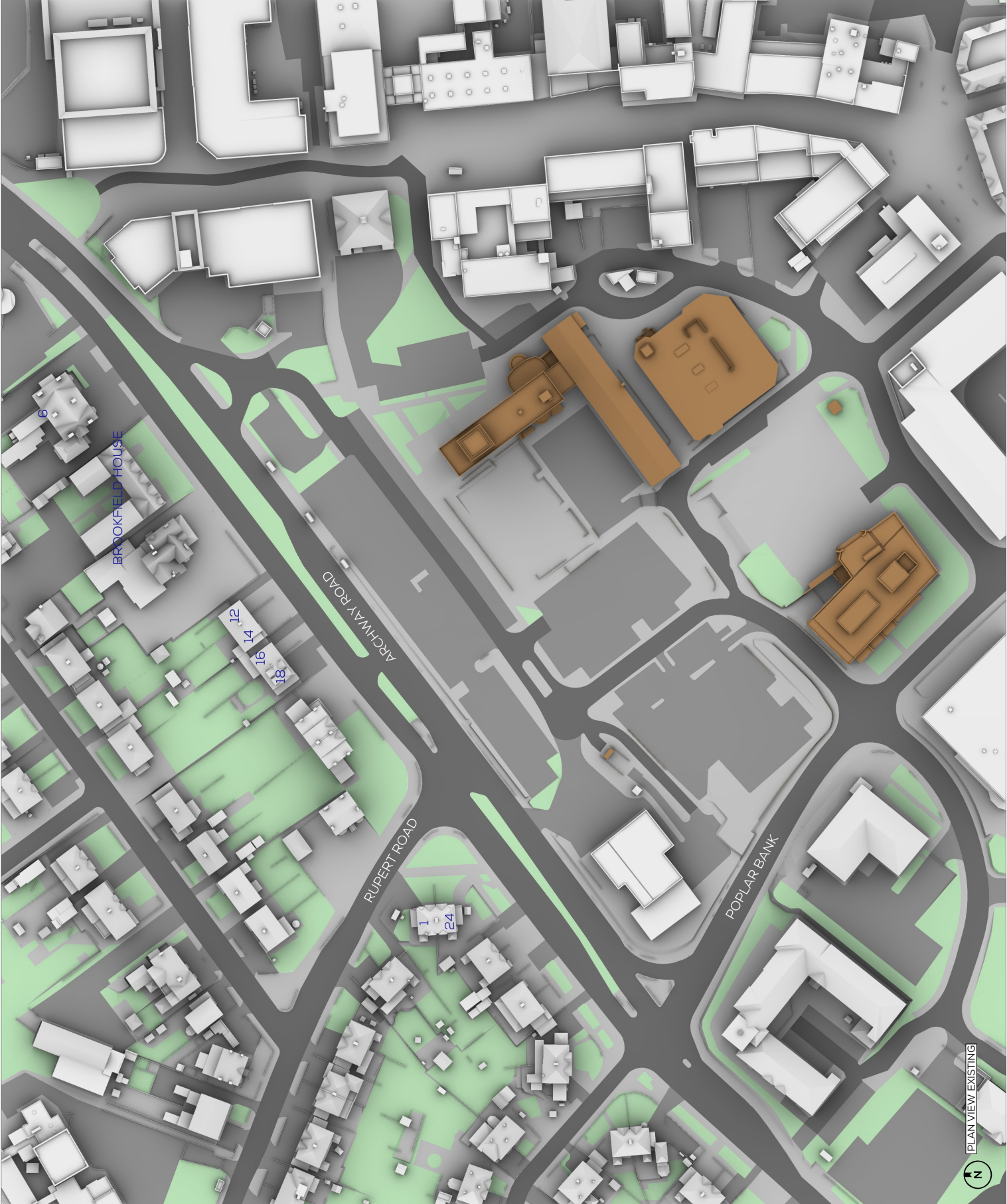
- A 2.57 Finally, paragraph 4.5.10 notes that “numerical values given are purely advisory. Different criteria may be used based on the requirements for solar energy in an area viewed against other site layout constraints. Another important issue is whether the existing solar panels are reasonably sited, at a sensible height and distance from the boundary. A greater loss of solar radiation may be inevitable if panels are mounted close to the ground and near to the site boundary.”

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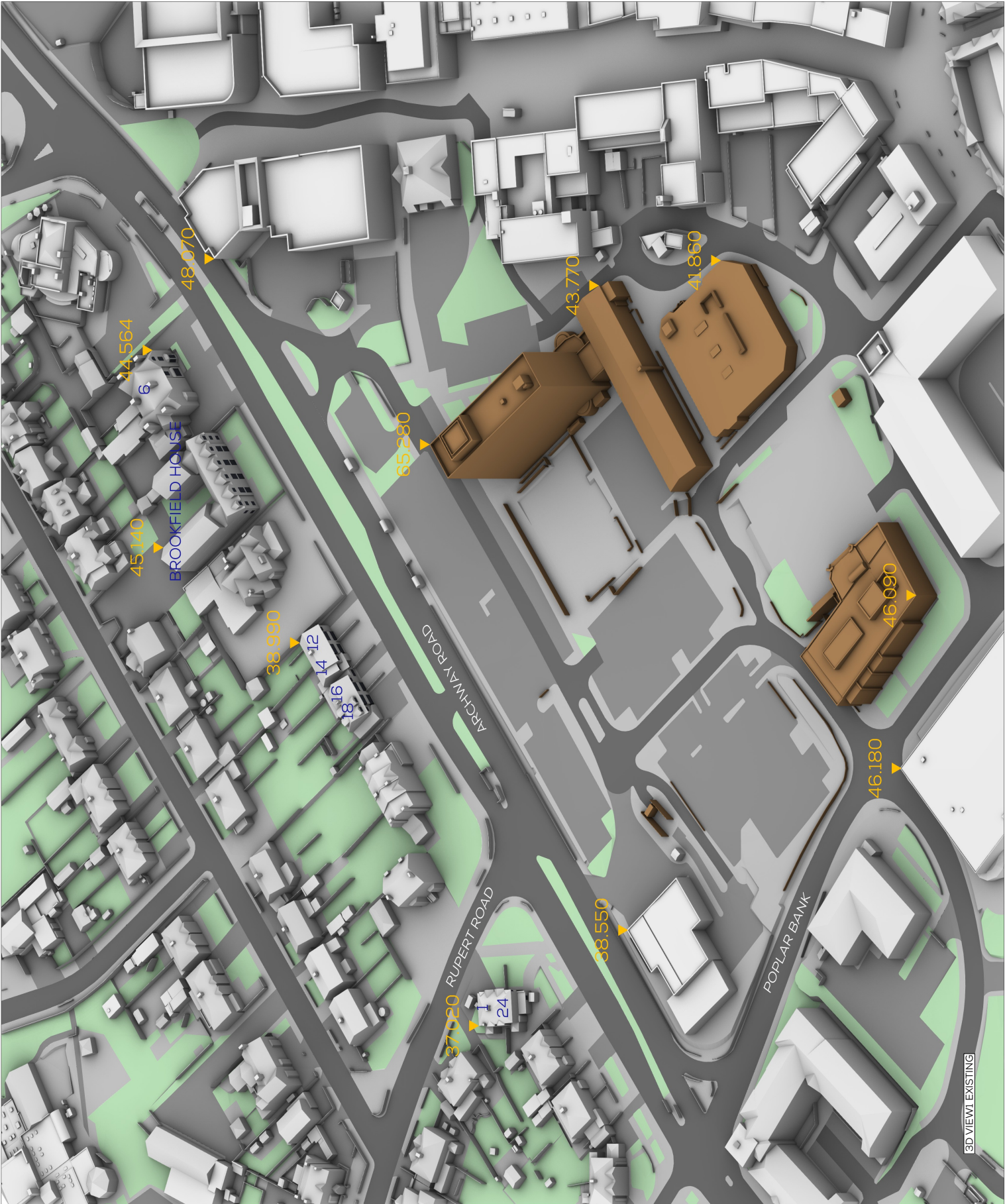
APPENDIX 03 DRAWINGS

APPENDIX 03
DRAWINGS:

EXISTING



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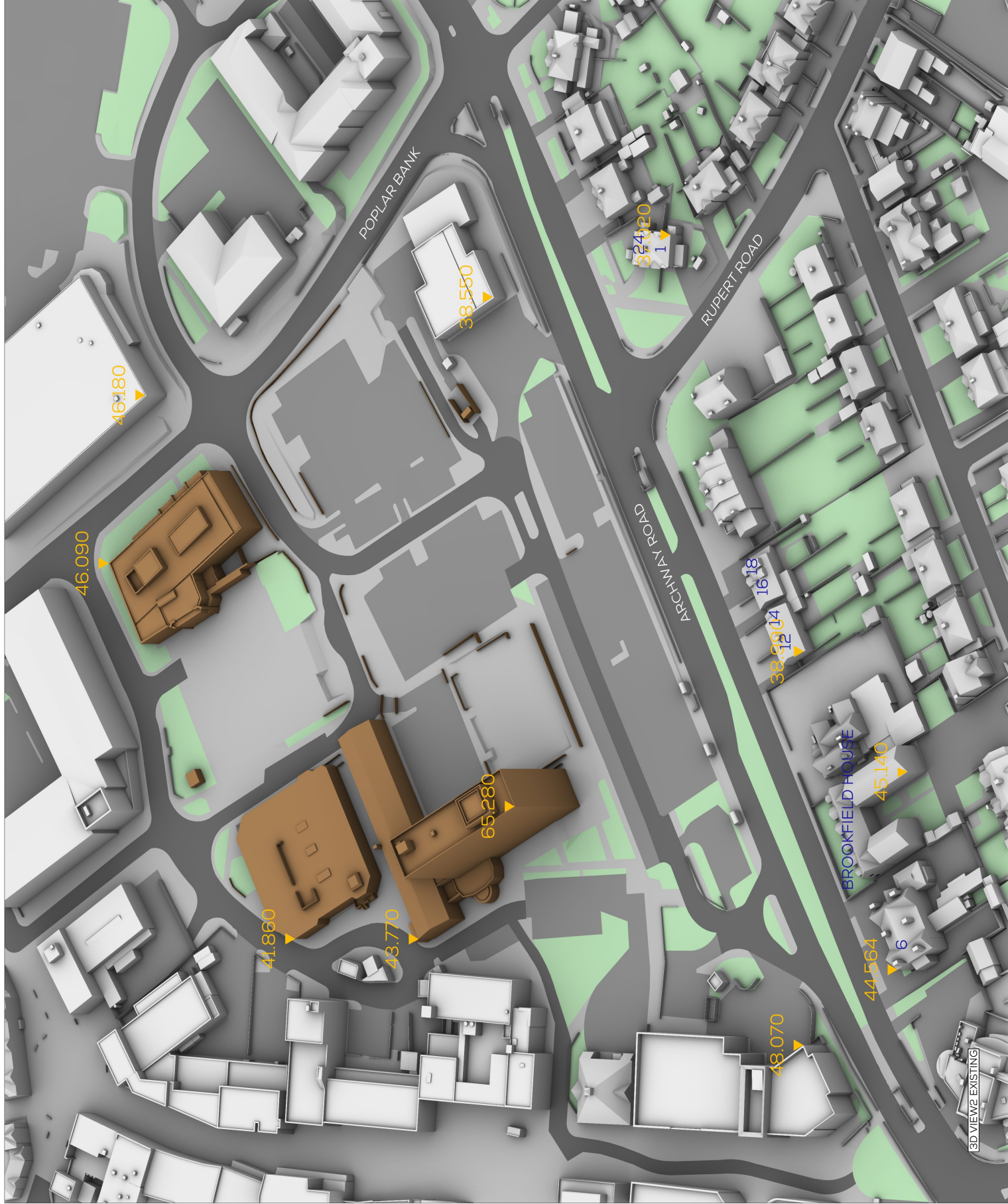
ST MICHAELS PLACE, HUYTON

DRAWING NAME:
3D VIEW2 EXISTING

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2 Commercial St
Manchester, M1 5 4RQ
t 0161 672 5100
www.gia.uk.com
manchester@gia.uk.com

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APPENDIX 03
DRAWINGS:

PROPOSED

SOURCES OF INFORMATION

IR03-20250618-Zmap
IR08-20260722-Turley (updated scheme)
IR09-20260723-Turley (Updated Site Plan)

ALL INFORMATION DISPLAYED IS SUBJECT TO A COMPLETE VERIFIABLE SITE SURVEY AND THE ACCURACY OF THE DISPLAYED DATA SINCE A VERIFIED SITE SURVEY HAS NOT YET BEEN COMPLETED. THE INFORMATION IS FOR INFORMATION ONLY.

NOTES:
Proposed
ALL HEIGHTS AND DIMENSIONS GIVEN IN m AOD
AOD: PLEASE ADD INFO
N.B. DO NOT SCALE OFF THIS DRAWING
PROJECT:
ST MICHAELS PLACE, HUYTON

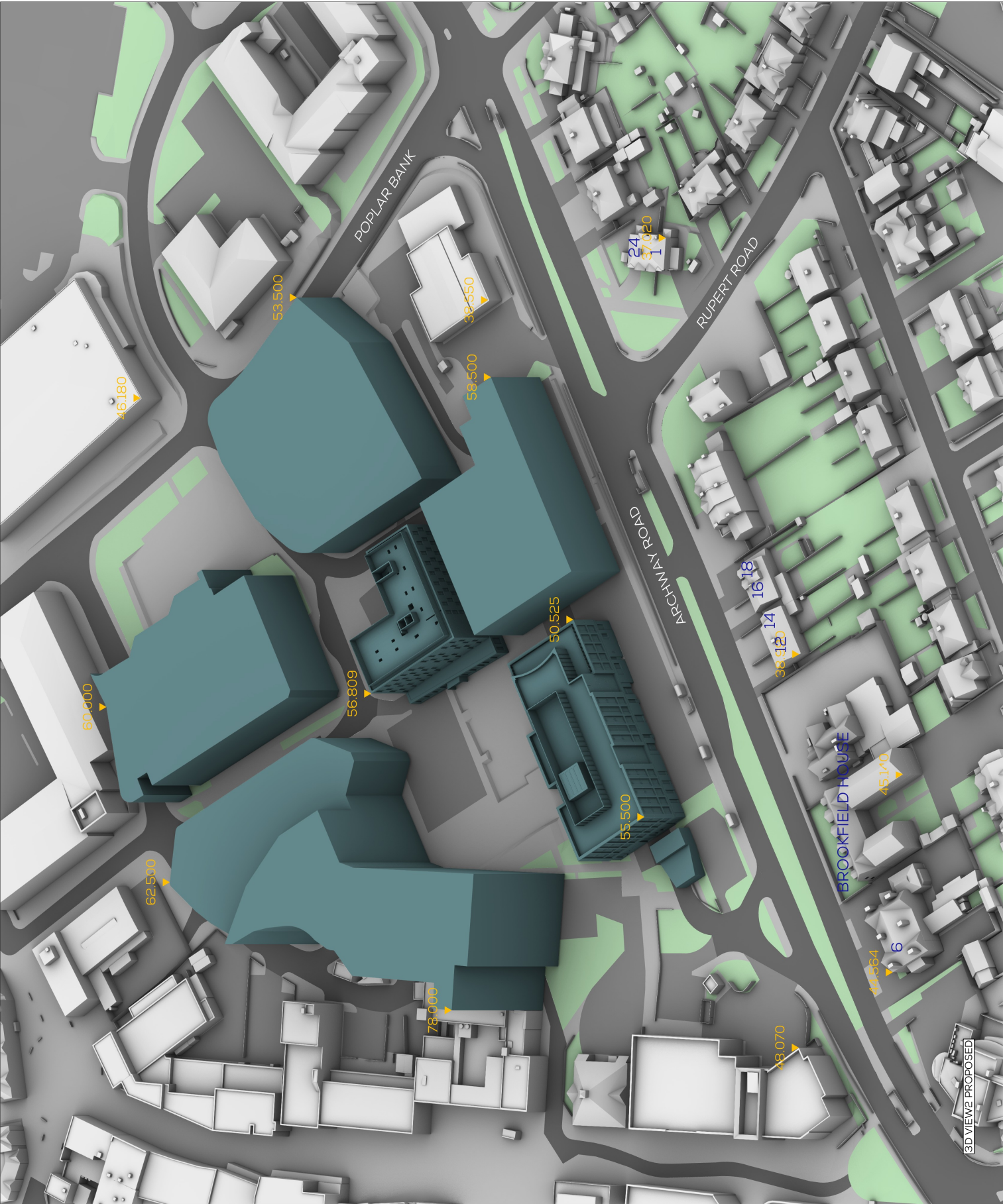
DRAWING NAME:
3D VIEW2 PROPOSED

DWN BY	SCALE	CHK BY	DATE	REV No.
KS	Current	HA	27/7/2026	A
PROJ No.	REL No.	ADDR No.	IS No.	DWG No.
22348	02	-	01	Model

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APPENDIX 04

RESULTS & CONTOURS

EXISTING v PROPOSED (RESULTS)

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	VSC(WINDOW)				VSC(ROOM)				NSL				APSH(WINDOW)				APSH(ROOM)														
					EX	PR	LOSS %	MEETS CRITERIA	EX	PR	LOSS %	MEETS CRITERIA	EX	PR	LOSS %	MEETS CRITERIA	EX	PR	LOSS %	MEETS CRITERIA	EX	PR	LOSS %	MEETS CRITERIA											
1B ARCHWAY ROAD																																			
F00	R1	Residential	Living Room	W1/F00	6.3	4.7	1.6	25.4	NO	31.6	24.6	7	22.2	NO	100	9.9	100	9.9	0	0	YES	28	13	22	7	21.4	46.2	NO	74	24	63	13	14.9	45.8	YES
				W2/F00	36.5	28.5	8	21.9	YES								74	24	62	12					16.2	50	YES								
F01	R1	Residential	Bedroom	W1/F01	27.5	20.2	7.3	26.5	NO	27.5	20.2	7.3	26.5	NO	98.1	7	98.1	7	0	0	YES														
				W2/F01	14.3	11.2	3.1	21.7	NO	33.4	26.9	6.5	19.5	YES	100	15.4	85.8	13.2	2.2	14.2	YES														
				W3/F01	37.1	29.9	7.2	19.4	YES																										
F02	R1	Residential	Bedroom	W1/F02	37.5	31	6.5	17.3	YES	37.6	31.1	6.5	17.3	YES	98.6	17.9	72.5	13.1	4.7	26.4	NO														
				W2/F02	37.6	31.1	6.5	17.3	YES																										

1B ARCHWAY ROAD																																				
F00	R1	Residential	Living Room	W1/F00	36	28.6	7.4	20.6	YES	33	26.7	6.3	19.1	YES	100	9.9	100	9.9	0	0	YES	76	26	63	13	17.1	50	YES	77	27	63	13	18.2	51.9	YES	
				W2/F00	17.8	16.7	1.1	6.2	YES									27	4	23	0					14.8	100									
				W3/F00	34.5	27.3	7.2	20.9	YES	34.5	27.3	7.2	20.9	YES	100	8.4	81.2	6.8	1.6	18.8	YES	70	24	57	11	18.6	54.2	YES	70	24	57	11	18.6	54.2	YES	
F01	R1	Residential	Bedroom	W1/F01	37.2	30.1	7.1	19.1	YES	33.3	27.3	6	18	YES	100	15.4	83.9	12.9	2.5	16.1	YES															
				W2/F01	13.7	12.7	1	7.3	YES																											
				W3/F01	27.7	20.9	6.8	24.5	NO	27.7	20.9	6.8	24.5	NO	99.3	5.9	99.3	5.9	0	0	YES															

14 ARCHWAY ROAD																																				
F00	R1	Residential	Living Room	W1/F00	20.2	13	7.2	35.6	NO	20.2	13	7.2	35.6	NO	99.2	8.4	66.8	5.7	2.8	32.7	NO	41	26	28	13	31.7	50	YES	41	26	28	13	31.7	50	YES	
	R2	Residential	Living Room	W2/F00	3	2	1	33.3	NO	30.4	24.5	5.9	19.4	YES	99.9	9.9	99.9	9.9	0	0	YES	16	9	12	5	25	44.4	YES	70	24	58	12	17.1	50	YES	
				W3/F00	35.6	28.9	6.9	19.3	YES								69	23	58	12					15.9	47.8	YES									
F01	R1	Residential	Bedroom	W1/F01	27.8	21.5	6.3	22.7	NO	27.8	21.5	6.3	22.7	NO	99	6.3	99	6.3	0	0	YES															
	R2	Residential	Bedroom	W2/F01	14.8	12	2.8	18.9	YES	33.7	28	5.7	16.9	YES	100	15.4	85.8	13.2	2.2	14.2	YES															
				W3/F01	37.3	31.1	6.2	16.6	YES																											
				W4/F01	22.9	16.7	6.2	27.1	NO	22.9	16.7	6.2	27.1	NO	98.5	6.7	91.9	6.2	0.5	7.7	YES															

12 ARCHWAY ROAD																																				
F00	R1	Residential	Living Room	W1/F00	34.8	29.5	5.3	15.2	YES	31.9	27.4	4.5	14.1	YES	100	9.9	100	9.9	0	0	YES	73	25	63	15	13.7	40	YES	73	25	63	15	13.7	40	YES	
				W2/F00	17.2	16.7	0.5	2.9	YES													22	3	19	0	13.6	100									
F01	R1	Residential	Bedroom	W1/F01	37.3	31.4	5.9	15.8	YES	33.5	28.5	5	14.9	YES	100	15.4	87.8	13.5	1.9	12.2	YES															
				W2/F01	14	13.5	0.5	3.6	YES																											
				W3/F01	27.8	22.2	5.6	20.1	NO	27.8	22.2	5.6	20.1	NO	99.2	5.9	99.2	5.9	0	0	YES															
R2	Residential	Bedroom																																		

BROOKFIELD HOUSE																																				
F00	R1	Residential	Bedroom	W1/F00	25	23.4	1.6	6.4	YES	30.6	28.1	2.5	8.2	YES	98.3	14	98.3	14	0	0	YES															
				W2/F00	36.3	32.8	3.5	9.6	YES																											
R2	Residential	Living Room	W3/F00	36.2	32.9	3.3	9.1	YES	36.2	32.9	3.3	9.1	YES	98.7	13.3	98.7	13.3	0	0	YES	73	25	68	20	6.8	20	YES	73	25	68	20	6.8	20	YES		
R3	Residential	Living Room	W4/F00	36.1	33	3.1	8.6	YES	36.1	33	3.1	8.6	YES	98.2	13.7	98.2	13.7	0	0	YES	74	26	68	20	8.1	23.1	YES	74	26	68	20	8.1	23.1	YES		
R4	Residential	Bedroom	W5/F00	36	33.1	2.9	8.1	YES	36	33.1	2.9	8.1	YES	98.1	14.1	98.1	14.1	0	0	YES																
R5	Residential	Living Room	W6/F00	35.7	33.1	2.6	7.3	YES	35.7	33.1	2.6	7.3	YES	98.6	13.2	98.6	13.2	0	0	YES	73	26	67	20	8.2	23.1	YES	73	26	67	20	8.2	23.1	YES		
R6	Residential	Bedroom	W7/F00	35.2	32.7	2.5	7.1	YES	29.8	28.6	1.2	4	YES	98.7	12.8	98.3	12.7	0.1	0.4	YES																
				W8/F00	24.4	24.4	0	0	YES																											
F01	R1	Residential	Bedroom	W1/F01	30.2	28.3	1.9	6.3	YES	33.5	31	2.5	7.5	YES	98.3	14.1	98.3	14.1	0	0	YES															
				W2/F01	36.9	33.7	3.2	8.7	YES																											



F02	R2	Residential	Living Room	W3/F01	37	33.9	3.1	8.4	YES	37	33.9	3.1	8.4	YES	98.7	13.3	98.7	13.3	0	0	YES	76	27	72	23	5.3	14.8	YES	148	YES				
	R3	Residential	Living Room	W4/F01	36.9	34	2.9	7.9	YES	36.9	34	2.9	7.9	YES	98.2	13.8	98.2	13.8	0	0	YES	75	27	72	24	4	11.1	YES	111	YES				
	R4	Residential	Bedroom	W5/F01	36.8	34.1	2.7	7.3	YES	36.8	34.1	2.7	7.3	YES	98.1	14.1	98.1	14.1	0	0	YES													
	R5	Residential	Living Room	W6/F01	36.7	34.2	2.5	6.8	YES	36.7	34.2	2.5	6.8	YES	98.6	13.2	98.6	13.2	0	0	YES	74	26	70	22	5.4	15.4	YES	154	YES				
	R6	Residential	Bedroom	W7/F01	36.5	34.2	2.3	6.3	YES	32.5	31.4	1.1	3.4	YES	98.8	12.8	98.7	12.8	0	0.2	YES													
				W8/F01	28.6	28.6	0	0	YES																									
	R1	Residential	Bedroom	W1/F02	37.7	34.8	2.9	7.7	YES	37.7	34.8	2.9	7.7	YES	97.9	14	97.9	14	0	0	YES													
	R2	Residential	Living Room	W2/F02	37.8	35	2.8	7.4	YES	37.8	35	2.8	7.4	YES	97.4	13.1	97.4	13.1	0	0	YES	77	28	74	25	3.9	10.7	YES	77	28	74	25	3.9	10.7
R3	Residential	Living Room	W3/F02	37.7	35.1	2.6	6.9	YES	37.7	35.1	2.6	6.9	YES	96.4	13.5	96.4	13.5	0	0	YES	77	28	74	25	3.9	10.7	YES	77	28	74	25	3.9	10.7	YES
R4	Residential	Bedroom	W4/F02	37.7	35.3	2.4	6.4	YES	37.7	35.3	2.4	6.4	YES	96.3	13.8	96.3	13.8	0	0	YES														
R5	Residential	Living Room	W5/F02	37.6	35.4	2.2	5.9	YES	37.6	35.4	2.2	5.9	YES	97.3	13.1	97.3	13.1	0	0	YES	77	28	74	25	3.9	10.7	YES	77	28	74	25	3.9	10.7	YES
R6	Residential	Bedroom	W6/F02	37.5	35.4	2.1	5.6	YES	37.5	35.4	2.1	5.6	YES	98.5	12.8	98.5	12.8	0	0	YES														

6 ARCHWAY ROAD

B01	R1**	Residential	Bedroom	W1/B01	31.6	30.5	1.1	3.5	YES	31.6	30.5	1.1	3.5	YES	96.2	19.6	94	19.2	0.4	2.2	YES														
R2**		Residential	Bedroom	W2/B01	31.7	30.5	1.2	3.8	YES	31.7	30.5	1.2	3.8	YES	77.9	22.5	74.9	21.7	0.9	3.9	YES														
F00	R1	Residential	Living Room	W1/F00	32.3	31.9	0.4	1.2	YES	33.3	31.9	1.4	4.2	YES	99.7	28.8	99.6	28.8	0	0	YES	52	16	50	14	3.8	12.5	YES	78	26	75	23	3.8	11.5	YES
				W3/F00	31.9	29.8	2.1	6.6	YES													70	26	67	23	4.3	11.5	YES							
				W4/F00	35.2	33.7	1.5	4.3	YES														75	26	72	23	4	11.5	YES						
R2		Residential	Kitchen	W2/F00	35.4	33.7	1.7	4.8	YES	35.4	33.7	1.7	4.8	YES	99.3	13.5	99.3	13.5	0	0	YES														
F01	R1	Residential	Kitchen	W1/F01	34.1	32.7	1.4	4.1	YES	34.1	32.7	1.4	4.1	YES	96.9	17.3	96.9	17.3	0	0	YES														
R2		Residential	Living Room	W2/F01	37.1	35.7	1.4	3.8	YES	37.1	35.7	1.4	3.8	YES	97	23.2	96.9	23.2	0	0	YES	76	26	74	24	2.6	7.7	YES	76	26	74	24	2.6	7.7	YES
F02	R1**	Residential	Living Room	W1/F02	38.2	37	1.2	3.1	YES	38.2	37	1.2	3.1	YES	87.5	21.3	87.3	21.3	0	0.2	YES	78	28	77	27	1.3	3.6	YES	78	28	77	27	1.3	3.6	YES

1 RUPERT ROAD

F00	R1	Residential	Living Room	W1/F00	28.7	22.8	5.9	20.6	NO	32.3	28	4.3	13.3	YES	98.7	15.9	99.5	15.9	0	0.2	YES	37	11	30	7	18.9	36.4	YES	42	13	36	9	14.3	30.8	YES	
				W2/F00	35.4	29.8	5.6	15.8	YES														42	13	36	9	14.3	30.8	YES							
				W3/F00	35.7	31.8	3.9	10.9	YES														36	9	30	5	16.7	44.4								
				W4/F00	29.3	27.6	1.7	5.8	YES														22	4	16	0	27.3	100								
F01	R1	Residential	Bedroom	W1/F01	16.4	11.1	5.3	32.3	NO	25.2	21.4	3.8	15.1	YES	99.8	14.7	99.5	14.6	0	0.3	YES															
				W2/F01	31.7	26.7	5	15.8	YES																											
				W3/F01	31.9	28.4	3.5	11	YES																											
				W4/F01	20.9	19.4	1.5	7.2	YES																											
R2	Residential	Bedroom	W5/F01	18.7	13.9	4.8	25.7	NO	30.2	26.6	3.6	11.9	YES	100	6.6	99.9	6.6	0	0	YES																
			W6/F01	35	30.9	4.1	11.7	YES																												
			W7/F01	32.7	31.5	1.2	3.7	YES																												

24 ARCHWAY ROAD

F00	R1	Residential	Living Room	W1/F00	28.1	26.2	1.9	6.8	YES	32.3	27.8	4.5	13.9	YES	99.7	15.9	98.5	15.7	0.2	1.2	YES	22	4	14	0	36.4	100		45	13	37	9	17.8	30.8	YES		
				W2/F00	35.2	31	4.2	11.9	YES														36	9	28	5	22.2	44.4									
				W3/F00	36	30.1	5.9	16.4	YES															44	13	36	9	18.2	30.8	YES							
				W4/F00	30	23.8	6.2	20.7	NO															42	12	34	8	19	33.3	YES							
R2	Residential	Unknown	W5/F00	35.8	30.2	5.6	15.6	YES	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	44	13	38	10	13.6	23.1		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.			
			W6/F00	33.8	31.2	2.6	7.7	YES														80	25	74	22	7.5	12	YES									
F01	R1	Residential	Bedroom	W1/F01	15.8	14.2	1.6	10.1	YES	24.7	20.6	4.1	16.6	YES	99.7	14.7	97	14.3	0.4	2.7	YES																
				W2/F01	31	27.2	3.8	12.3	YES																												
				W3/F01	31.6	26.2	5.4	17.1	YES																												
				W4/F01	20.5	14.9	5.6	27.3	NO																												

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EXISTING v PROPOSED (CONTOURS)

NSL CONTOURS



PROJECT: 22348 - ST MICHAELS PLACE, HUYTON
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: 18 ARCHWAY ROAD
DATE: 27/07/2026
DRAWING No.: 22348-REL03-IS01-NSL1
SCHEME IR: IR08

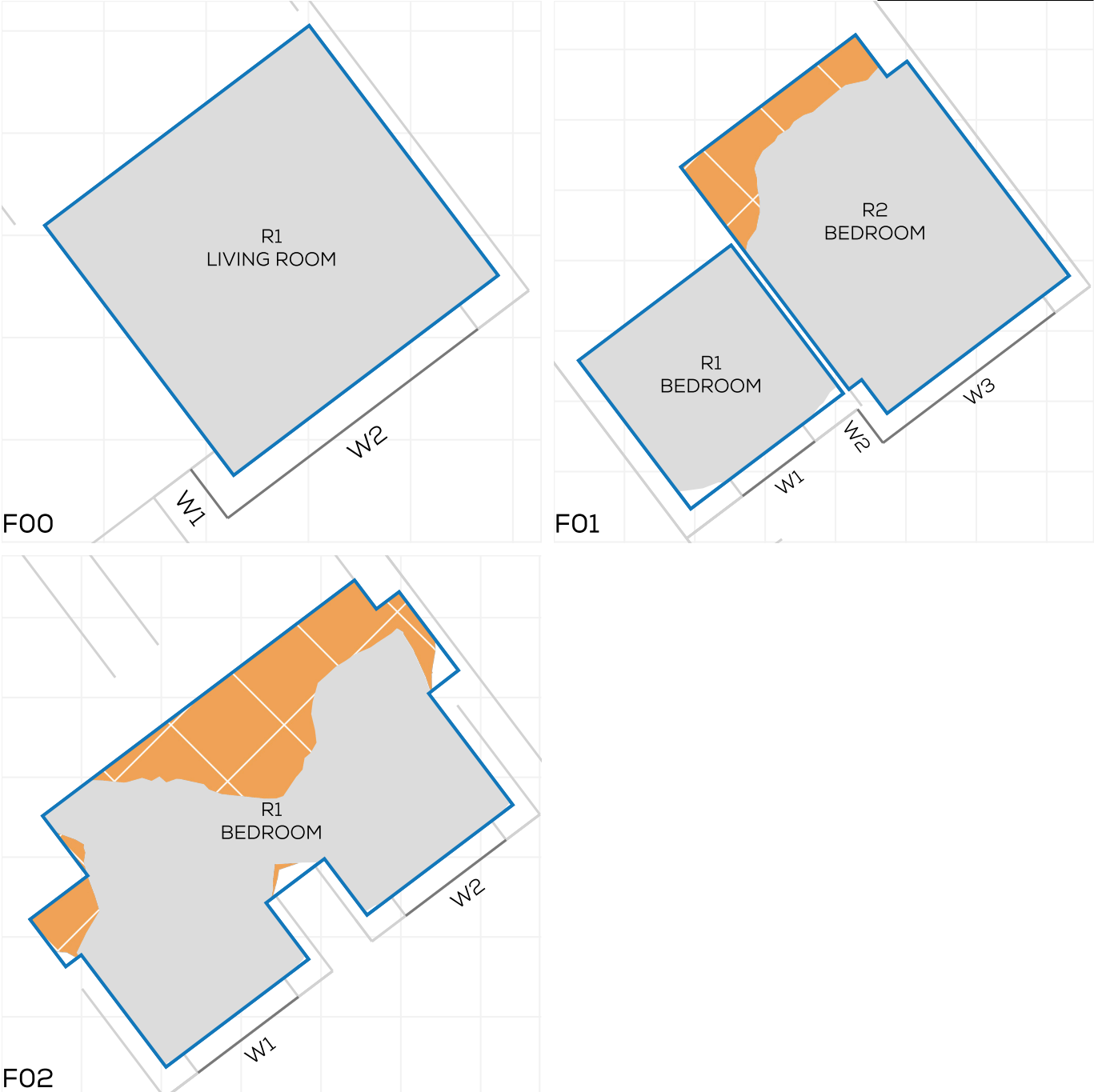
KEY:

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EX	PR	LOSS-sqm	LOSS %
18 ARCHWAY ROAD								
F00	R1	RESIDENTIAL	LIVING ROOM	9.9	100	100	0.0	0
F01	R1	RESIDENTIAL	BEDROOM	7.2	98.1	98.1	0.0	0
F01	R2	RESIDENTIAL	BEDROOM	15.4	100	85.8	2.2	14.2
F02	R1	RESIDENTIAL	BEDROOM	18.1	98.6	72.5	4.7	26.4

PROJECT: 22348 - ST MICHAELS PLACE, HUYTON
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: 16 ARCHWAY ROAD
DATE: 27/07/2026
DRAWING No.: 22348-REL03-IS01-NSL2
SCHEME IR: IR08

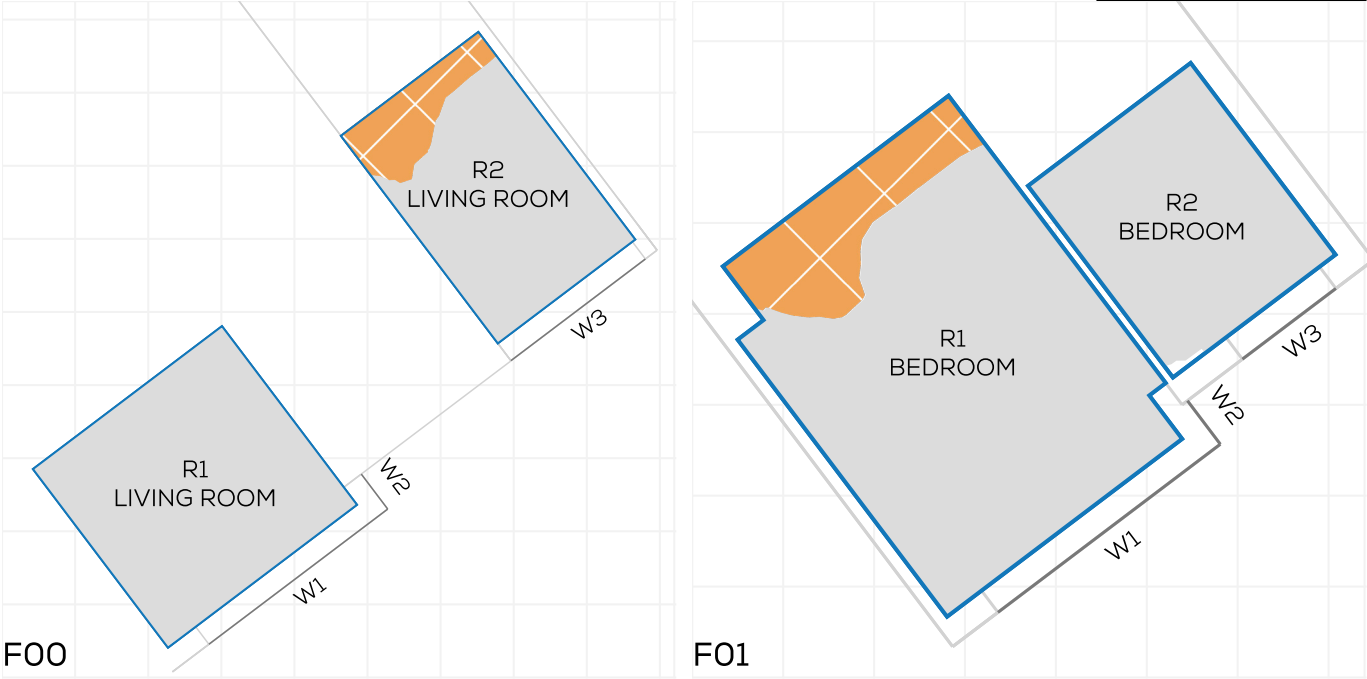
KEY:

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EX	PR	LOSS-sqm	LOSS %
16 ARCHWAY ROAD								
F00	R1	RESIDENTIAL	LIVING ROOM	9.9	100	100	0.0	0
F00	R2	RESIDENTIAL	LIVING ROOM	8.4	100	81.2	1.6	18.8
F01	R1	RESIDENTIAL	BEDROOM	15.4	100	83.9	2.5	16.1
F01	R2	RESIDENTIAL	BEDROOM	5.9	99.3	99.3	0.0	0

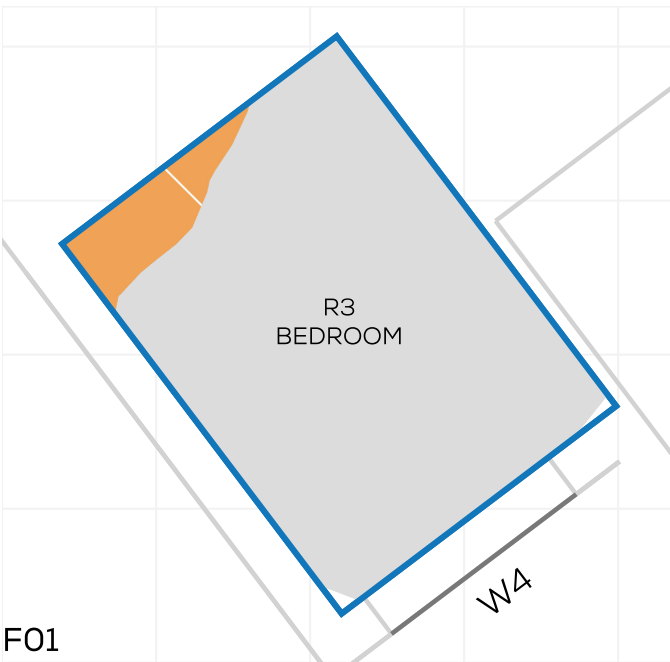
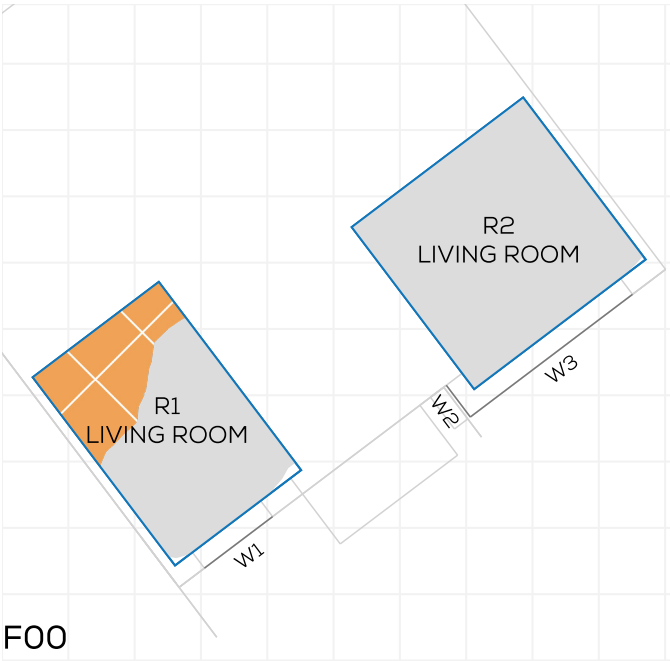
NSL CONTOURS



PROJECT: 22348 - ST MICHAELS PLACE, HUYTON
 REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
 ADDRESS: 14 ARCHWAY ROAD
 DATE: 27/07/2026
 DRAWING No.: 22348-REL03-IS01-NSL3
 SCHEME IR: IR08

KEY:

- GAIN
- LOSS
- MAINTAINED LIT AREA
- 1 METRE GRID



FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EX	PR	LOSS-sqm	LOSS %
14 ARCHWAY ROAD								
F00	R1	RESIDENTIAL	LIVING ROOM	8.5	99.2	66.8	2.8	32.7
F00	R2	RESIDENTIAL	LIVING ROOM	9.9	99.9	99.9	0.0	0
F01	R1	RESIDENTIAL	BEDROOM	6.3	99	99	0.0	0
F01	R2	RESIDENTIAL	BEDROOM	15.4	100	85.8	2.2	14.2
F01	R3	RESIDENTIAL	BEDROOM	6.7	99.5	91.9	0.5	7.7

PROJECT: 22348 - ST MICHAELS PLACE, HUYTON
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: 12 ARCHWAY ROAD
DATE: 27/07/2026
DRAWING No.: 22348-REL03-IS01-NSL4
SCHEME IR: IR08

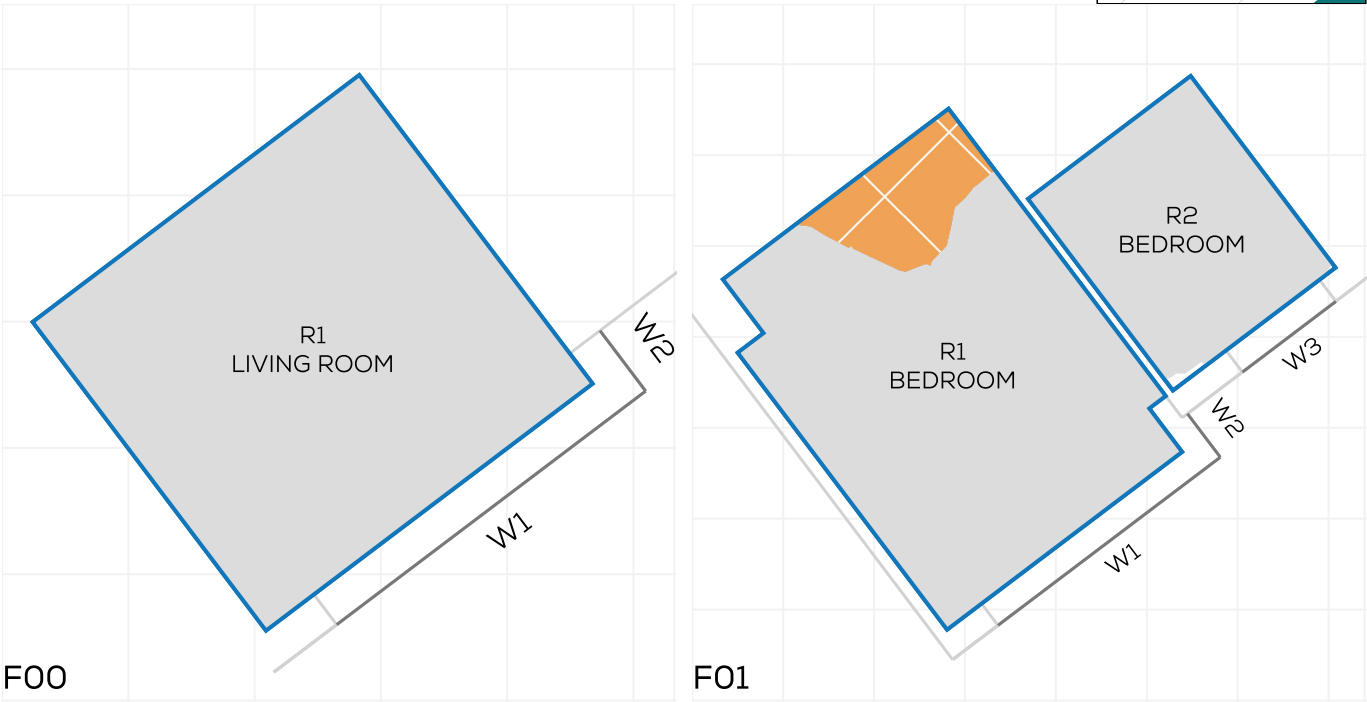
KEY:

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EX	PR	LOSS-sqm	LOSS %
12 ARCHWAY ROAD								
F00	R1	RESIDENTIAL	LIVING ROOM	9.9	100	100	0.0	0
F01	R1	RESIDENTIAL	BEDROOM	15.4	100	87.8	1.9	12.2
F01	R2	RESIDENTIAL	BEDROOM	5.9	99.2	99.2	0.0	0

PROJECT: 22348 - ST MICHAELS PLACE, HUYTON
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: BROOKFIELD HOUSE
DATE: 27/07/2026
DRAWING No.: 22348-REL03-IS01-NSL5
SCHEME IR: IR08

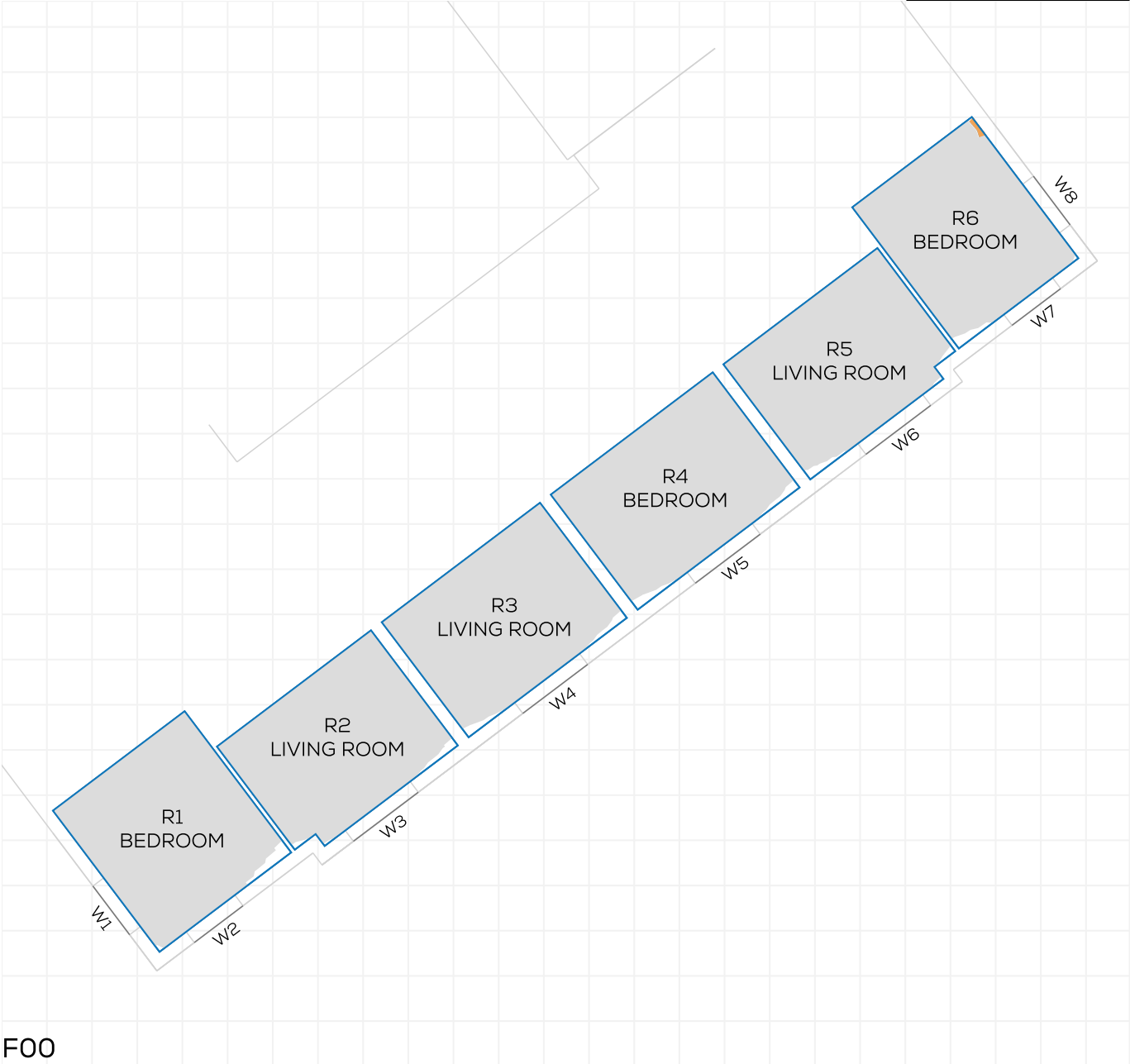
KEY:

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



F00

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EX	PR	LOSS-sqm	LOSS %
BROOKFIELD HOUSE								
F00	R1	RESIDENTIAL	BEDROOM	14.3	98.3	98.3	0.0	0
F00	R2	RESIDENTIAL	LIVING ROOM	13.4	98.7	98.7	0.0	0
F00	R3	RESIDENTIAL	LIVING ROOM	14.0	98.2	98.2	0.0	0
F00	R4	RESIDENTIAL	BEDROOM	14.3	98.1	98.1	0.0	0
F00	R5	RESIDENTIAL	LIVING ROOM	13.4	98.6	98.6	0.0	0
F00	R6	RESIDENTIAL	BEDROOM	13.0	98.7	98.3	0.1	0.4

PROJECT: 22348 - ST MICHAELS PLACE, HUYTON
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: BROOKFIELD HOUSE
DATE: 27/07/2026
DRAWING No.: 22348-REL03-IS01-NSL6
SCHEME IR: IR08

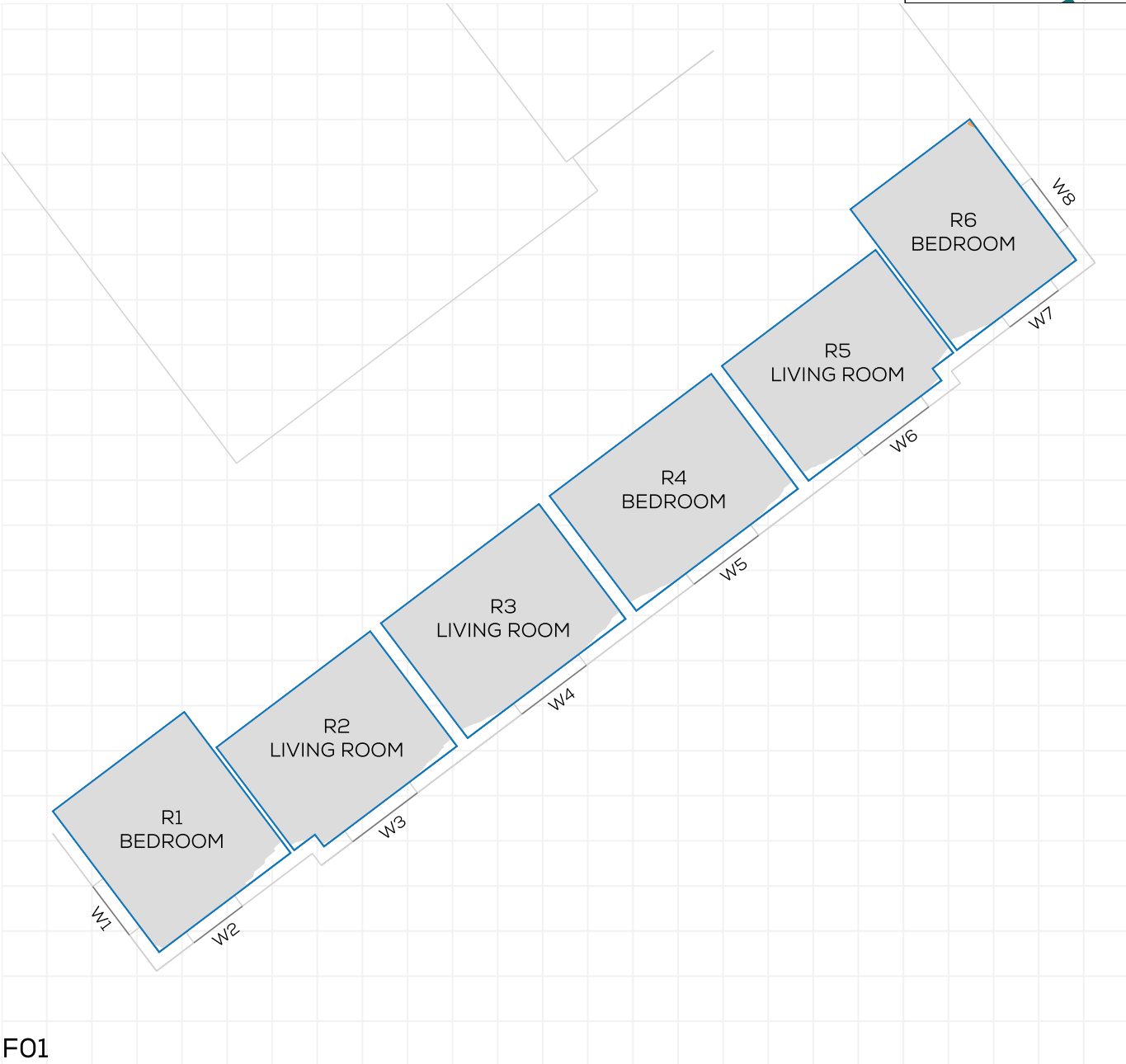
KEY:

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



F01

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EX	PR	LOSS-sqm	LOSS %
BROOKFIELD HOUSE								
F01	R1	RESIDENTIAL	BEDROOM	14.3	98.3	98.3	0.0	0
F01	R2	RESIDENTIAL	LIVING ROOM	13.4	98.7	98.7	0.0	0
F01	R3	RESIDENTIAL	LIVING ROOM	14.0	98.2	98.2	0.0	0
F01	R4	RESIDENTIAL	BEDROOM	14.3	98.1	98.1	0.0	0
F01	R5	RESIDENTIAL	LIVING ROOM	13.4	98.6	98.6	0.0	0
F01	R6	RESIDENTIAL	BEDROOM	13.0	98.8	98.7	0.0	0.2

PROJECT: 22348 - ST MICHAELS PLACE, HUYTON
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: BROOKFIELD HOUSE
DATE: 27/07/2026
DRAWING No.: 22348-REL03-IS01-NSL7
SCHEME IR: IR08

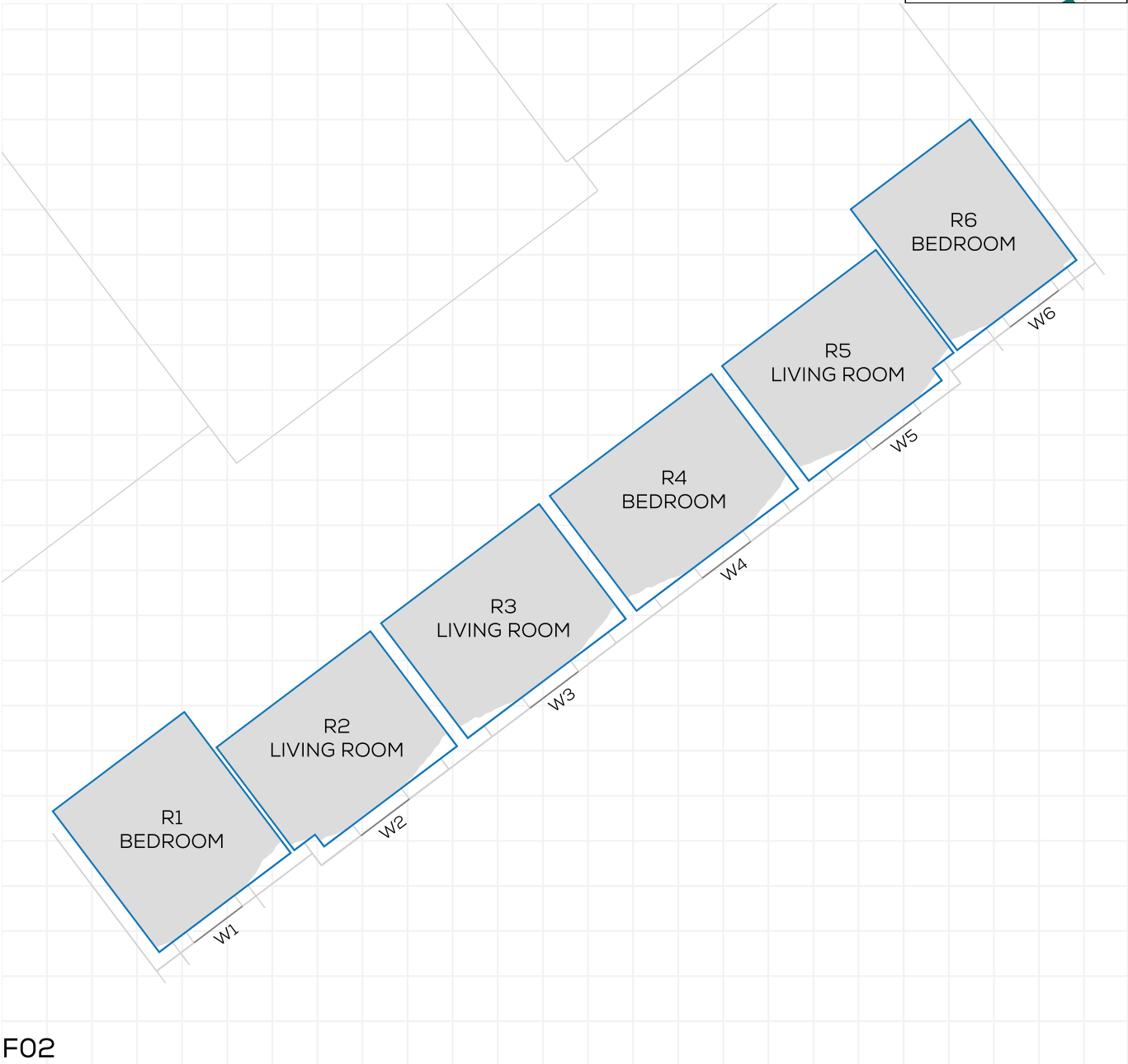
KEY:

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



F02

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EX	PR	LOSS-sqm	LOSS %
BROOKFIELD HOUSE								
F02	R1	RESIDENTIAL	BEDROOM	14.3	97.9	97.9	0.0	0
F02	R2	RESIDENTIAL	LIVING ROOM	13.4	97.4	97.4	0.0	0
F02	R3	RESIDENTIAL	LIVING ROOM	14.0	96.4	96.4	0.0	0
F02	R4	RESIDENTIAL	BEDROOM	14.3	96.3	96.3	0.0	0
F02	R5	RESIDENTIAL	LIVING ROOM	13.4	97.3	97.3	0.0	0
F02	R6	RESIDENTIAL	BEDROOM	13.0	98.5	98.5	0.0	0

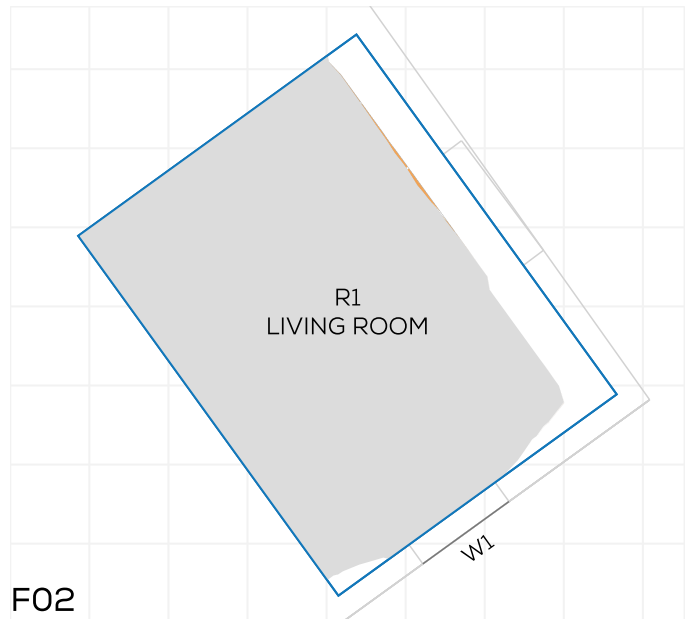
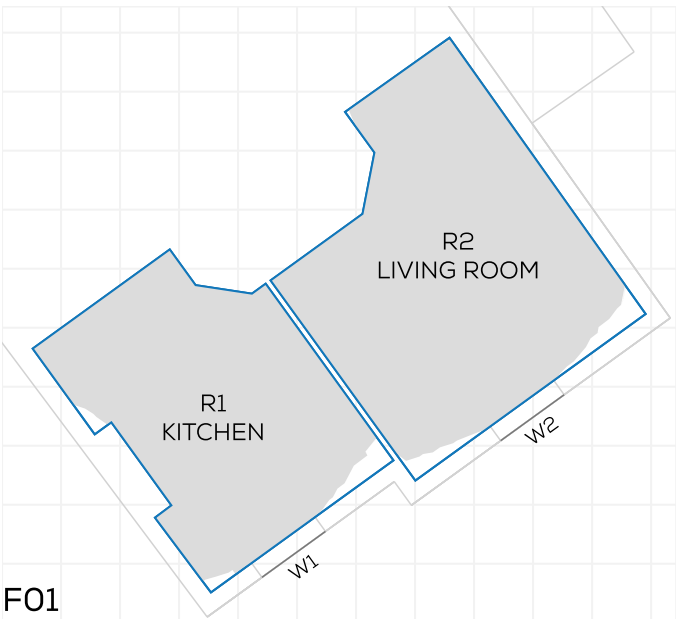
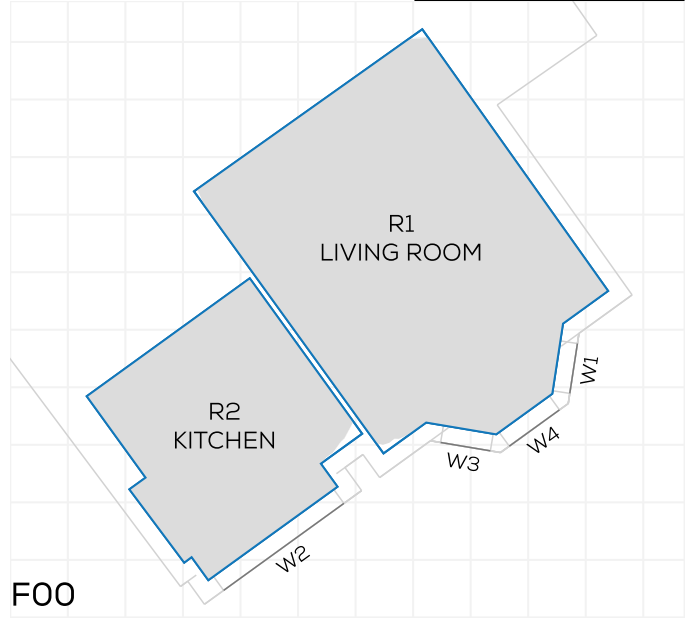
NSL CONTOURS



PROJECT: 22348 - ST MICHAELS PLACE, HUYTON
 REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
 ADDRESS: 6 ARCHWAY ROAD
 DATE: 27/07/2026
 DRAWING No.: 22348-REL03-IS01-NSL8
 SCHEME IR: IR08

KEY:

- GAIN
- LOSS
- MAINTAINED LIT AREA
- 1 METRE GRID



FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EX	PR	LOSS-sqm	LOSS %
6 ARCHWAY ROAD								
B01	R1	RESIDENTIAL	BEDROOM	20.4	96.2	94	0.4	2.2
B01	R2	RESIDENTIAL	BEDROOM	28.9	77.9	74.9	0.9	3.9
F00	R1	RESIDENTIAL	LIVING ROOM	28.9	99.7	99.6	0.0	0
F00	R2	RESIDENTIAL	KITCHEN	13.6	99.3	99.3	0.0	0
F01	R1	RESIDENTIAL	KITCHEN	17.9	96.9	96.9	0.0	0
F01	R2	RESIDENTIAL	LIVING ROOM	23.9	97	96.9	0.0	0
F02	R1	RESIDENTIAL	LIVING ROOM	24.4	87.5	87.3	0.0	0.2



NSL CONTOURS



PROJECT: 22348 - ST MICHAELS PLACE, HUYTON
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: 1 RUPERT ROAD
DATE: 27/07/2026
DRAWING No.: 22348-REL03-IS01-NSL9
SCHEME IR: IR08

KEY:

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EX	PR	LOSS-sqm	LOSS %
1 RUPERT ROAD								
F00	R1	RESIDENTIAL	LIVING ROOM	15.9	99.7	99.5	0.0	0.2
F01	R1	RESIDENTIAL	BEDROOM	14.7	99.8	99.5	0.0	0.3
F01	R2	RESIDENTIAL	BEDROOM	6.6	100	99.9	0.0	0

PROJECT: 22348 - ST MICHAELS PLACE, HUYTON
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: 24 ARCHWAY ROAD
DATE: 27/07/2026
DRAWING No.: 22348-REL03-IS01-NSL10
SCHEME IR: IR08

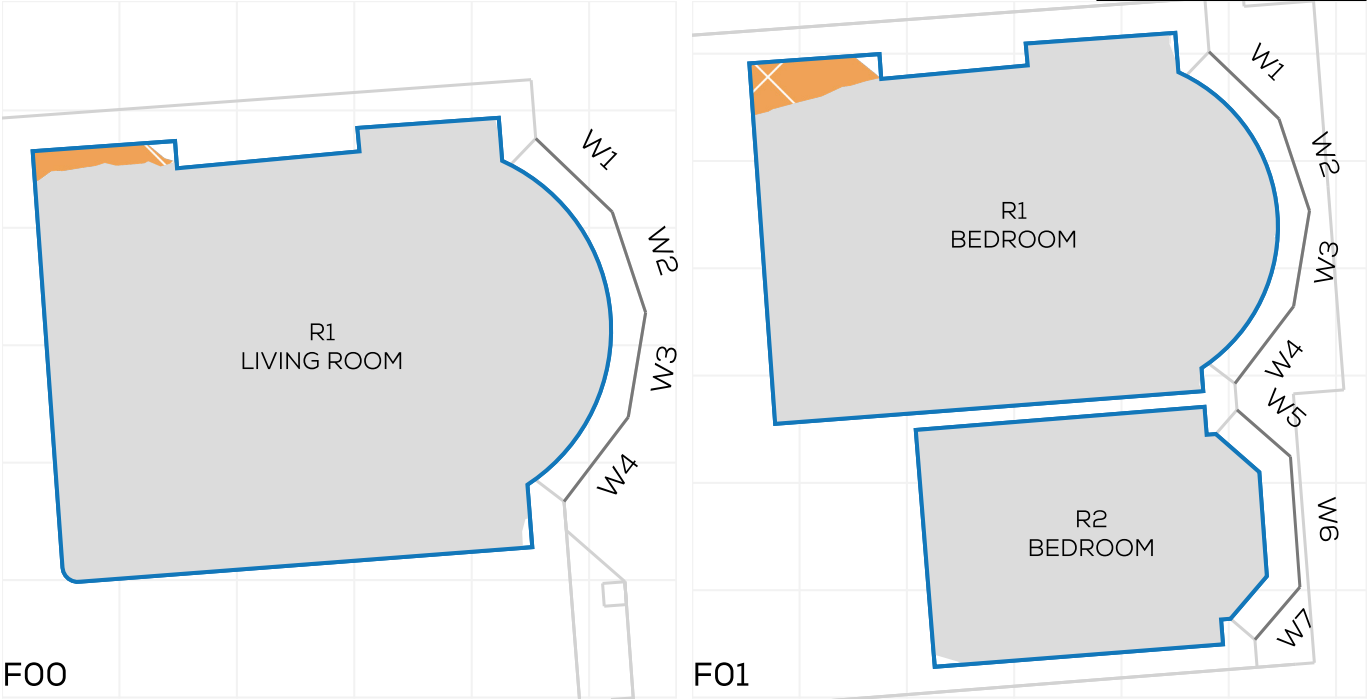
KEY:

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EX	PR	LOSS-sqm	LOSS %
24 ARCHWAY ROAD								
F00	R1	RESIDENTIAL	LIVING ROOM	15.9	99.7	98.5	0.2	1.2
F01	R1	RESIDENTIAL	BEDROOM	14.7	99.7	97	0.4	2.7
F01	R2	RESIDENTIAL	BEDROOM	6.6	99.7	99.6	0.0	0.1



What we do:

Climate & Resilience
Daylight & Sunlight
Flood Risk & Drainage
Light Obstruction Notices
Measured Surveys
Party Wall & Neighbourly Matters
Rights of Light
Solar PV
Wind Analysis

Where we are:

Belfast
Birmingham
Bristol
Dublin
London
Manchester