



DAYLIGHT & SUNLIGHT

Cornbrook, Manchester

Forshaw Group

26 January 2024

GIA No: **2473** Fee Quote: **FP01**

PROJECT DATA:

Client **Forshaw Group**
Architect **LRW Architects**
Project Title **Cornbrook, Manchester**
Project Number **2473**

REPORT DATA:

Report Title **Daylight & Sunlight**
GIA Department **Daylight Department**
Dated **26 January 2024**
Fee Quote **Fee Proposal No. 01**
Prepared by **EP**
Checked by **NH**
Type **Final**

Revisions	No:	Date:	Notes:	Signed:

SOURCES OF INFORMATION:

Information Received **IR07-20230524**
Release Number **Rel_04**
Issue Number **02**
3D models **VU.CITY**
OS Data **FIND Maps**

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1 EXECUTIVE SUMMARY

GIA have assessed the LRW Architects' scheme (the "Proposed Development") for the proposed development at Cornbrook, Manchester to understand the potential changes in light to the relevant sensitive receptors.

- 1.1 GIA have been instructed by Forshaw Group to provide daylight and sunlight advice in relation to the proposed redevelopment at Cornbrook, Manchester.
- 1.2 GIA have undertaken daylight and sunlight assessments on surrounding residential properties to understand the potential effect of the development on the amenity of the relevant neighbouring receptors.
- 1.3 The technical analysis has been considered by reference to the criteria and methodology within the Building Research Establishment Guidance (BR209, 2022) which when published, recognised that it "is advisory and the numerical target values within it may be varied to meet the needs of the development and its location"¹.
- 1.4 The approach to be taken to daylight and sunlight issues has been considered carefully by a number of recent appeal decisions from the Inspectorate. A two-stage process is to be adopted. This was examined more recently at the appeal at Goldsworth Road, Woking with the Inspector fully endorsing the two stage approach (PINS Ref: APP/A3655/W/21/3276474) which stems from the High Court decision on the application of Melanie Rainbird and The Council of the London Borough of Tower Hamlets².
- 1.5 The key headlines from the relevant policy documents are summarised in Section 3 of this report.
- 1.6 Upon successful completion of the Proposed Development, 293/504 windows across two properties will fully accord with the published guidelines for VSC daylight. For NSL daylight, 207/365 rooms will fully accord with the published targets, whilst for sunlight, 51/107 rooms would fully accord with the published targets.
- 1.7 It is inevitable when constructing buildings in an urban environment that alterations in daylight and sunlight to surrounding properties can occur. It is well-established and accepted that the BRE Guidelines, which set out the numerical benchmark for daylight and sunlight assessments, are predicated on a relatively low-rise suburban environment. The Planning Practice Guidance (PPG) – Making Effective Use of Land, updated December 2023, Paragraph: 007 Reference ID: 66-007-20190722 states that:
 - 1.8 *"All developments should maintain acceptable living standards. What this means in practice, in relation to assessing appropriate levels of sunlight and daylight, will depend to some extent on the context for the development as well as its detailed design. For example, in areas of high-density historic buildings, or city centre locations where tall modern buildings predominate, lower daylight and sunlight levels at some windows may be unavoidable if new developments are to be in keeping with the general form of their surroundings."*
 - 1.9 This is echoed by the Cornbrook Hub Regeneration Framework, which stipulates that any new development of the site should *"relate to, integrate and connect well with its surroundings"*.
- 1.10 Having considered the relevant local policies and the Government's recognition for increased flexibility on daylight and sunlight matters, it is our view that the Proposed Development relates to and integrates well with neighbours, and with the Proposed Development in place, surrounding residential properties will continue to receive levels of daylight and sunlight commensurate with the expectations of the area.
- 1.11 This report is supported by several documents, drawings and results which are all enclosed within the Appendices as listed on the Contents Page. All assumptions used in collating this report can be found in Appendix 03.

1 Littlefair, P. (2022). Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: HIS BRE Press, p 85 para F1

2 Rainbird, R (on the application of) v The Council of the London Borough of Tower Hamlets [2018] EWHC 657 (Admin) (28 March 2018)



Figure 01: 3D model of the existing site

2 THE SITE

GIA have been instructed to review and advise on the daylight, sunlight and overshadowing impacts associated with the implementation of the proposed development at Cornbrook, Manchester.

THE SITE

- 2.1 The existing site is bound by Dinton Street to the north, Vox apartments to the east, the A56 to the south and Cornbrook Road to the west.
- 2.2 Figure 02 below illustrates the existing site. Further drawings are enclosed at Appendix 03 of this report.



Figure 02: 3D model of the existing site

PROPOSED DEVELOPMENT

- 2.3 Our analysis of this option is based on the proposed scheme massing models produced by LRW Architects, issued on 17 January 2024.
- 2.4 GIA's understanding of the Proposed Development is illustrated in Figure 03 and further drawings are enclosed at Appendix 03.



Figure 03: 3D Perspective View of the Proposed Scheme

MIRRORED BASELINE

- 2.5 Where an existing building has windows that are unusually close to the site boundary, such as Vox, an approach may be adopted to ensure that a new development matches the height and proportions of existing buildings. This approach involves setting the VSC, daylight distribution and APSH targets for this building to that of a “mirror image” building of the same height and size, an equal distance away on the other side of the site boundary.
- 2.6 Figure 03 below illustrates the mirrored baseline used in our assessment (shown in purple). Further drawings are enclosed at Appendix 03 of this report.

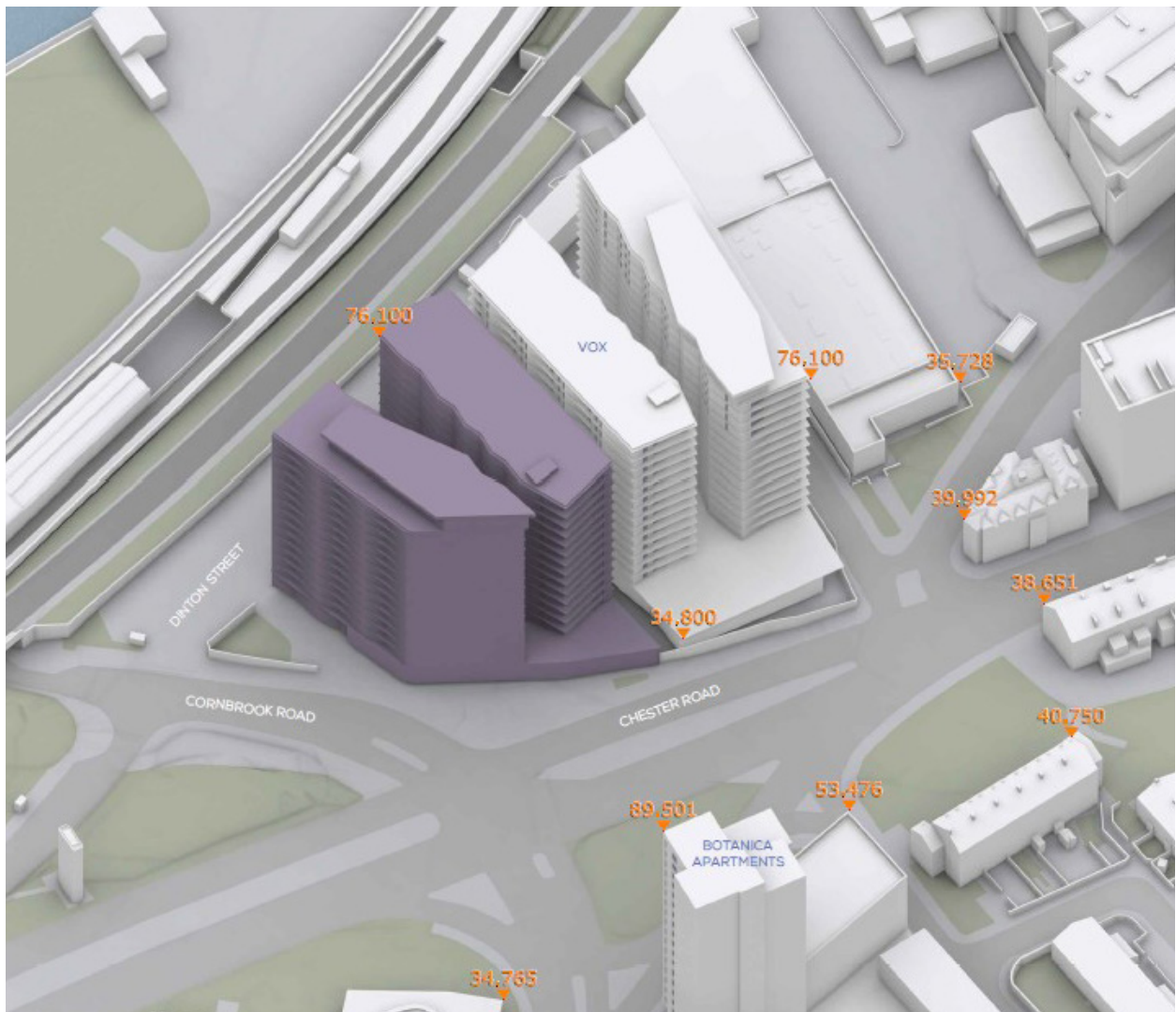


Figure 04: 3D model of the mirrored baseline

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3 POLICY & THE WIDER CONTEXT

3.1 Outlined below are sections from the following documents which are considered to be the most pertinent in relation to daylight and sunlight matters and how the effects of the Proposed Development on relevant neighbouring properties have been approached:

- National Planning Policy Framework (December 2023);
- Planning Practice Guidance (November 2023);
- Cornbrook Hub Regeneration Framework

3.2 The key headlines from each of the documents can be summarised as follows:

- ¹ The NPPF highlights the Government's recognition that increased flexibility is required on daylight and sunlight in response to the requirement for higher density development. By stating that *"when considering applications for housing, authorities should take a flexible approach in applying policies or guidance relating to daylight and sunlight, where they would otherwise inhibit making efficient use of a site (as long as the resulting scheme would provide acceptable living standards)"*¹ (our emphasis).
- ² The PPG outlines that all developments should *"maintain acceptable living standards"* and that assessing appropriate daylight and sunlight amenity *"will depend to some extent on context"*².

3.3 The site is located within the Cornbrook Hub Regeneration area, which encourages a development of the site that is *"of the scale and nature that will transform and help regenerate not only the site but the immediate surrounding area."*

3.4 In addition to policies surrounding sustainability and accessibility, the document sets out that any new development of the site would:

- Create a new gateway consistent with entering a city of European significance
- Achieve, as a whole, a high density of commercial mixed use development
- Achieve a high quality environment with the highest possible standards of urban design reflecting local distinctiveness...
- Relate to, integrate and connect well with it's surroundings.

3.5 Finally, the BRE Guidelines 2022 offer a numerical methodology to calculate changes in daylight and sunlight condition and are widely used in the industry. The key criteria within the BRE (Vertical Sky Component "VSC", No Sky Line "NSL" and Annual Probable Sunlight Hours "APSH") have been used to understand and compare the existing and retained levels of light once the Proposed Development has been implemented. A summary of the BRE Guidelines 2022 are provided on the following page and in Appendix 1.

¹ MHCLG. (2023). National Planning Policy Framework (2023), p 38, para 129(c)

² MHCLG. (2019). National Planning Policy Guidance (2019), para 66-007-20190722

4 BRE GUIDELINES & CONTEXT METHODOLOGY

The Building Research Establishment (BRE) have set out in their handbook 'Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice (BR209, 2022)', guidelines and methodology for the measurement and assessment of daylight and sunlight.

BUILDING RESEARCH ESTABLISHMENT GUIDELINES (BR209, 2022)

- 4.1 The BRE Guidelines note that the document is intended to be used in conjunction with the interior daylight recommendations found within the British Standard BS EN 17037 Daylighting in Buildings and the Chartered Institution of Building Services Engineers (CIBSE) LG 10 Daylighting – a guide for designers.
- 4.2 The BRE handbook "is intended for use in rooms in adjoining dwellings where daylight is required, including living rooms, kitchens, and bedrooms. Windows to bathrooms, toilets, storerooms, circulation areas, and garages need not be analysed. The guidelines may also be applied to any existing non-domestic building where the occupants have a reasonable expectation of daylight; this would normally include schools, hospitals, hotels and hostels, small workshops, and some offices."
- 4.3 The BRE Guidelines provides two methodologies for daylight assessment of neighbouring properties, namely;
 - The Vertical Sky Component (VSC); and
 - The No Sky Line (NSL).
- 4.4 There is one methodology provided by the BRE Guidelines for sunlight assessment, denoted as Annual Probable Sunlight Hours (APSH).
- 4.5 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 planning and urban design matters to consider other than daylight and sunlight.
- 4.6 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."¹

- 4.7 Appendix 02 of this report elaborates on the mechanics of each of the above assessment criteria, explains the appropriateness of their use and the parameters of each specific recommendation.
- 4.8 The following table provides a summary of the criteria set out within the BRE Guidelines for daylight and sunlight. For daylight and sunlight, the BRE Guidelines outline the approach within the accompanying Appendix I, in terms of assigning criteria to assess the effects:

"Adverse impacts occur when there is a significant decrease in the amount of skylight and sunlight reaching an existing building where it is required... The assessment of impact will depend on a combination of factors, and there is no simple rule of thumb that can be applied."

"Where the loss of skylight or sunlight fully meets the guidelines, the impact is assessed as negligible or minor adverse. Where the loss of light is well within the guidelines, or only a small number of windows or limited area of open space lose light (within the guidelines), a classification of negligible impact is more appropriate. Where the loss of light is only just within the guidelines and a larger number of windows or open space are affected, a minor adverse impact would be more appropriate, especially if there is a particularly strong requirement for daylight and sunlight in the affected building or open space."

"Where the loss of skylight or sunlight does not meet the guidelines in this book, the impact is assessed as minor, moderate or major adverse. Factors tending towards a minor adverse impact include:

- Only a small number of windows are affected;
- The loss of light is only marginally outside the guidelines;
- An affected room has other sources of skylight or sunlight; and
- The affected building only has a low level of requirement for skylight or sunlight."

¹ Littlefair, P. (2022). Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: HIS BRE

4.9 The classification of major adverse is documented within Paragraph 7 of the BRE Guidelines:

“Factors tending towards a major adverse impact include:

- a large number of windows are affected;*
- the loss of light is substantially outside the guidelines;*
- all the windows in a particular property are affected; and*
- the affected indoor spaces have a particular strong requirement for skylight or sunlight, e.g. a living room in a dwelling”.*

Beneficial impacts occur when there is a significant increase in the amount of skylight and sunlight reaching an existing building. Beneficial impacts should be worked out on the same principals as adverse impacts.”

4.10 The BRE Guidelines do not provide any Guidance on what constitutes a moderate adverse impact.

4.11 The initial numerical criteria for determining the magnitude of effect is based on percentage alterations, as follows:

Magnitude of Effect	Percentage Alteration
Negligible	0-20%
Minor	20-29.9%
Moderate	30-39.9%
Major	40%+

4.12 When considering the significance of daylight and sunlight effects, professional judgement has been used. Consideration has been given to the proportion of rooms/windows affected, as well as the percentage alterations, absolute changes, retained daylight and sunlight levels and sensitivity of the receptor. This is in addition to any other relevant factors, including mitigating factors such as location and nature of the development, balconies, overhangs or design features which may also affect the determination of assigning the criteria.

5 DAYLIGHT & SUNLIGHT IMPACTS TO NEIGHBOURING PROPERTIES

This section details the daylight and sunlight impacts in relation to the relevant properties neighbouring the Site.

- 5.1 A three-dimensional computer model of the Site and surrounding properties was produced based on photogrammetry. Where available we have included floor plans of the relevant properties and this context model has been used to carry out the technical assessments. All relevant assumptions made in producing this model can be found in Appendix 01.

RELEVANT SENSITIVE RECEPTORS

- 5.2 GIA have identified the following properties as relevant for daylight and sunlight assessment:
- Vox
 - Botanica Apartments
- 5.3 The properties are fully discussed in the following sections. All results can be found in Appendix 04.

VOX



Figure 05: Rendered Image of Vox

VERTICAL SKY COMPONENT					NO SKY LINE				
WINDOW					ROOM				
TOTAL	PASS	LOSS			TOTAL	PASS	LOSS		
		20-30	30-40	40+			20-30	30-40	40+
334	140	3	25	166	244	128	16	18	82

Table 01 - VSC & NSL Results - Vox

ANNUAL PROBABLE SUNLIGHT HOURS							
ROOM							
TOTAL	PASS	ANNUAL (%)			WINTER (%)		
		20-30	30-40	40+	20-30	30-40	40+
90	34	0	0	37	0	0	51

Table 02- APSH Results -Vox

VERTICAL SKY COMPONENT					NO SKY LINE				
WINDOW					ROOM				
TOTAL	PASS	LOSS			TOTAL	PASS	LOSS		
		20-30	30-40	40+			20-30	30-40	40+
334	326	1	3	4	244	233	2	2	7

Table 03 -Mirrored Baseline VSC & NSL Results - Vox

ANNUAL PROBABLE SUNLIGHT HOURS							
ROOM							
TOTAL	PASS	ANNUAL (%)			WINTER (%)		
		20-30	30-40	40+	20-30	30-40	40+
90	86	0	0	2	0	0	3

Table 04 - Mirrored Baseline APSH Results - Vox

- 5.4 In order to understand the effects of the Proposed Development upon Vox in context, it is important to consider the design of the building. The proximity of Vox to the Proposed Development site means that deviations from the BRE criteria are inevitable if a scheme is to be achieved on the development site that makes effective use of the available land.
- 5.5 The BRE discusses the neighbourliness of surrounding properties, stating that "another important issue is whether the existing building is itself a good neighbour, standing a reasonable distance from the boundary and taking no more than its fair share of light". In this instance, Vox is built up to the boundary of the Proposed Development site and therefore not considered a "good neighbour" in BRE terms, taking more than its fair share of light.
- 5.6 Where an existing building has windows that are unusually close to the site boundary, such as Vox, an approach may be adopted to ensure that a new development matches the height and proportions of existing buildings. This approach involves setting the VSC, daylight distribution and APSH targets for this building to that of a "mirror image" building of the same height and size, an equal distance away on the other side of the site boundary.
- 5.7 With a development in place matching the height and mass of Vox and located an equal distance from the site boundary, the average overall VSC daylight would be 13.02%, whilst with the Proposed Development in place, the average VSC daylight level would be 19.60%.
- 5.8 Similarly, the average NSL daylight to rooms within Vox would be 38.94% with a mirror image development an equal distance from the site boundary, whilst the average NSL daylight to Vox with the Proposed Development in place would be 59.45%.
- 5.9 For sunlight, only 34 of the 90 rooms assessed would meet the BRE recommended target with a development in place that mirrors the height and massing of Vox, whilst 52 rooms achieve sunlight levels that are equal to or greater than that of a mirrored baseline of Vox.
- 5.10 The results of our assessment therefore indicate that whilst there would be reductions to the daylight and sunlight levels of Vox with the Proposed Development in place, the magnitude of these reductions can partially be attributed to the design and location of the property itself. This is further evidenced by the position and layout of the two blocks of Vox, which mutually obstruct daylight and sunlight availability. In order to illustrate this, we have undertaken an indicative analysis of the property to understand the current VSC daylight levels on these façades, the results of which are illustrated on the image on page 14.
- 5.11 Vox is shown in teal, and the existing VSC daylight levels are illustrated according to the coloured key below:

VOX (CONTINUED)

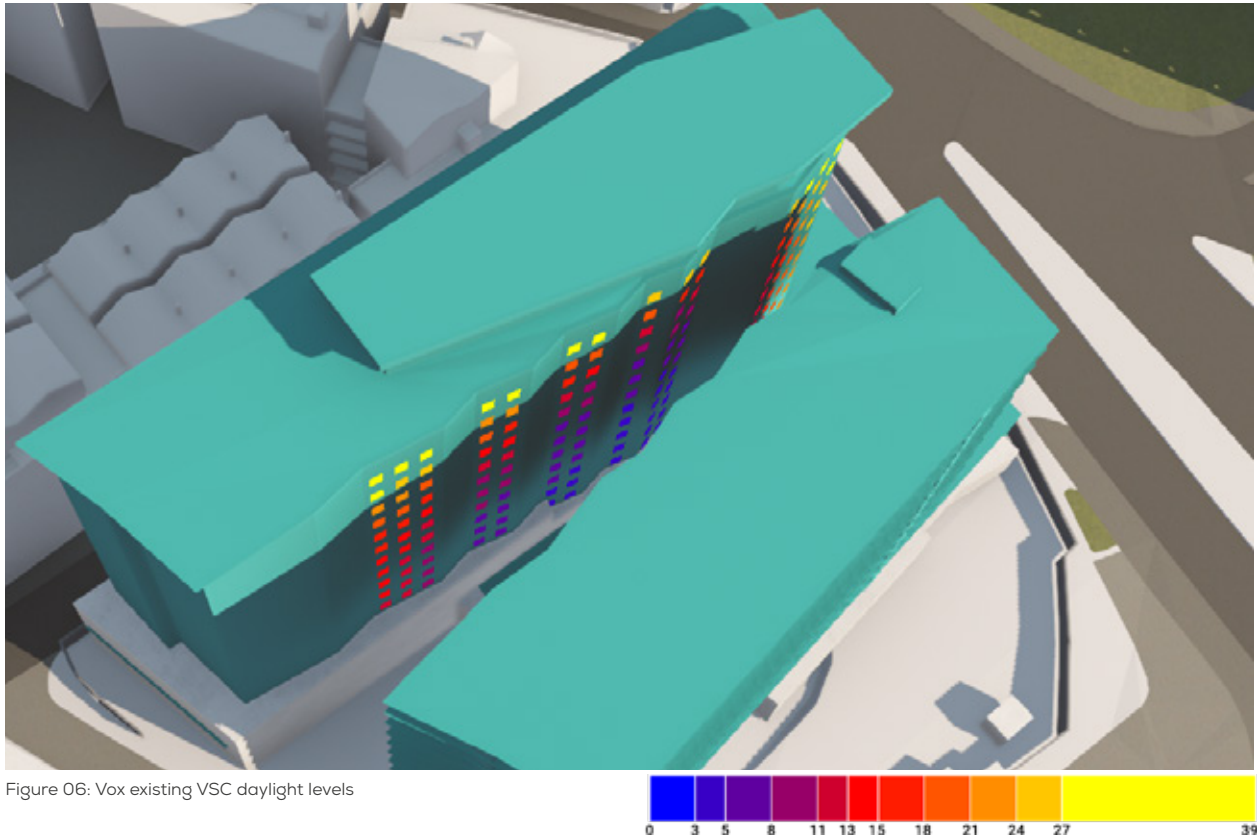


Figure 06: Vox existing VSC daylight levels

- 5.12 As illustrated by the above image of our indicative assessment, Vox has not been designed with good daylighting in mind and whilst the Proposed Development would alter the levels of daylight and sunlight to the southern façades, the retained daylight and sunlight levels would be comparable to those elsewhere within the property, and therefore commensurate with what is acceptable in the area.
- 5.13 Overall, whilst there would be reductions to the daylight and sunlight levels of Vox with the Proposed Development in place, this is largely due to Vox being built up to the immediate site boundary. Critically, the daylight and sunlight compliance of the southern facade would be comparable to elsewhere within the property, and therefore commensurate with expectations of the area.

- 5.14 Additionally, the Proposed Development has been carefully orientated obliquely to Vox, to maximise daylight and sunlight availability to habitable rooms on the southern facade despite it's immediate proximity. As such, the Proposed Development would have much smaller impact on daylight and sunlight than a development the same height and massing as Vox located an equal distance from the site boundary.
- 5.15 The daylight and sunlight levels of Vox with the Proposed Development in place are therefore considered acceptable in context.
- 5.16 Figures 06-12 show the VSC, NSL and APSH levels to each window/room with the mirrored baseline of Vox in place, and the Proposed Development in place:

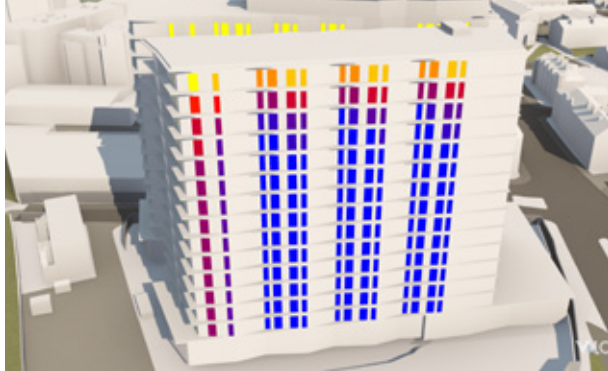


Figure 07: Mirrored Baseline VSC levels

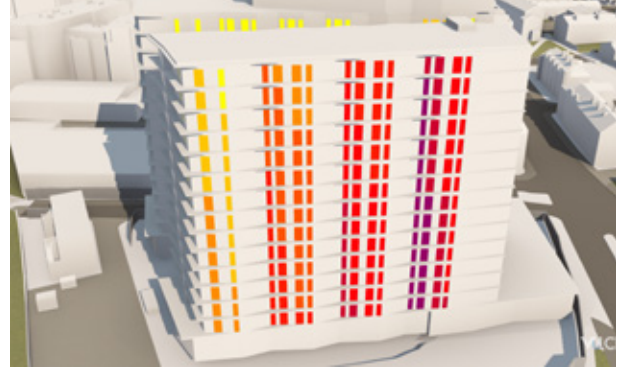


Figure 08: Proposed VSC levels

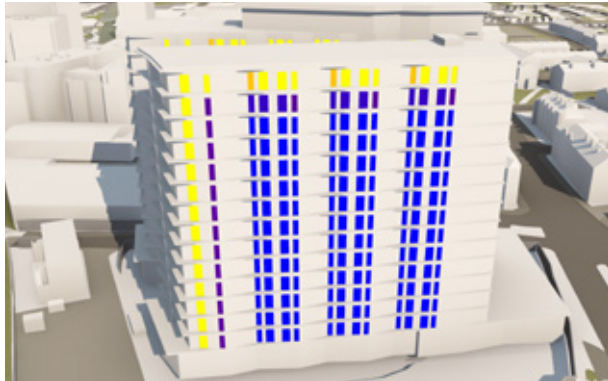


Figure 09: Mirrored Baseline NSL levels

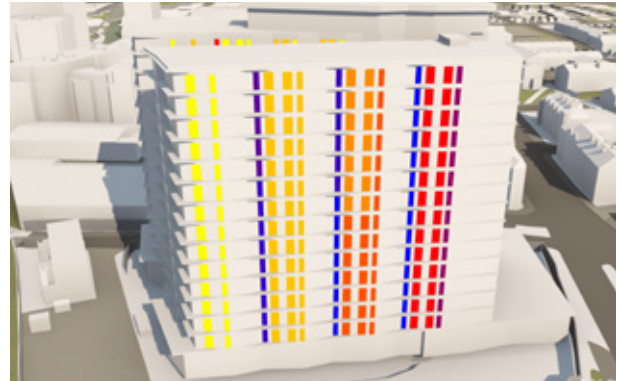


Figure 10: Proposed NSL levels

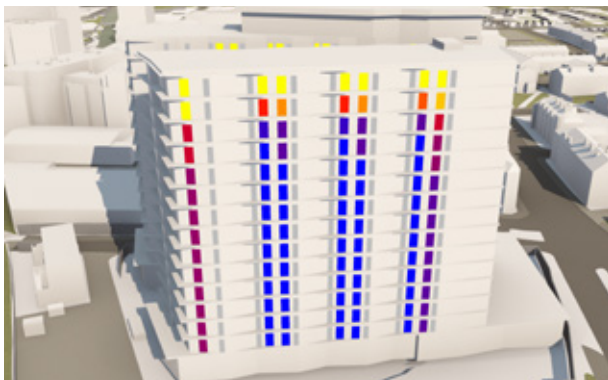


Figure 11: Mirrored Baseline APSH levels

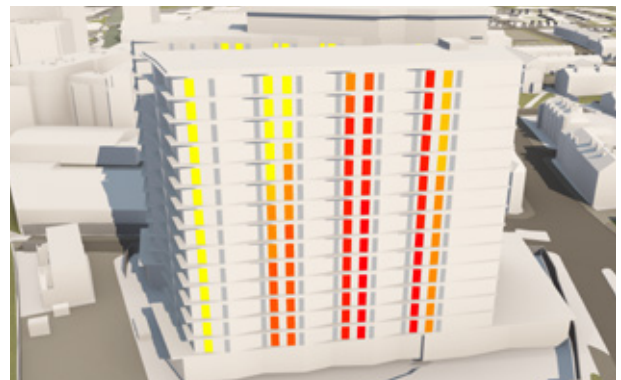
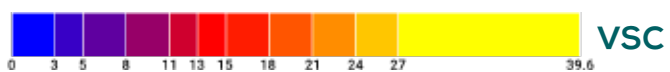
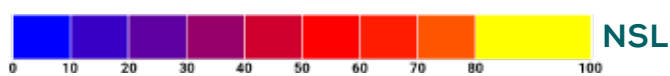
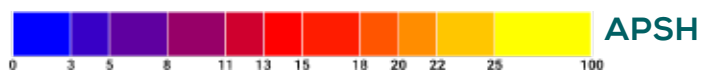


Figure 12: Proposed APSH levels



BOTANICA APARTMENTS



Figure 13: Rendered Image of Botanica Apartments

VERTICAL SKY COMPONENT					NO SKY LINE				
WINDOW					ROOM				
TOTAL	PASS	LOSS			TOTAL	PASS	LOSS		
		20-30	30-40	40+			20-30	30-40	40+
170	153	8	4	5	121	79	15	18	9

Table 05- VSC & NSL Results - Botanica Apartments

ANNUAL PROBABLE SUNLIGHT HOURS							
ROOM							
TOTAL	PASS	ANNUAL (%)			WINTER (%)		
		20-30	30-40	40+	20-30	30-40	40+
17	17	0	0	0	0	0	0

Table 06 - APSH Results - Botanica Apartments

- 5.17 With the Proposed Development in place this property will fully comply with the BRE criteria for sunlight.
- 5.18 With the Proposed Development in place, 153 of 170 windows to Botanica Apartments will fully comply with the BRE guidelines for VSC daylight. All of the 17 which do not are recessed behind deep balconies and therefore currently have very low baseline levels without the Proposed Development in place.
- 5.19 The BRE states that a reduction of 20% or less would not be noticeable to occupants, meaning a window which meets the 27% VSC daylight target without the Proposed Development in place could be reduced by 5.4% without being noticeable. However, the low baseline levels to these windows means that small reductions in VSC lead to proportionally higher percentage changes. The worst affected window experiences a reduction of 6.2% VSC, which would be minor were it currently achieving 27% VSC, but it does not meet the target as the window currently receives just 7.2% VSC. Locating windows beneath balconies therefore places a burden on the development site to maintain low existing levels.
- 5.20 The image below shows the waldram diagram for one of the windows that does not meet the BRE criteria. The waldram diagram is used to calculate the amount of visible sky, and subsequently the VSC. The balcony is shown in red, and it's influence is illustrated by the restricted view of the sky:
- 5.21 With the Proposed Development in place, 79 of 121 rooms will fully comply with the BRE criteria for NSL daylight. Of those which do not, 15 experience a minor reduction of between 20-30%, 18 experience a moderate reduction of between 30-40% and 9 are reduced by 40% or more.
- 5.22 The BRE states that *"if an existing building contains rooms lit from one side only and greater than 5m deep, then a greater movement of the no sky line may be unavoidable"*. All of the habitable rooms within Botanica Apartments are single aspect, and in excess of 5 metres deep, and the majority are in excess of 7 metres deep. As such, the impact identified is to some extent unavoidable, and not only a function of the height or mass of the Proposed Development.
- 5.23 Overall whilst there would be some reductions to the daylight and sunlight levels of Botanica Apartments, these reductions are largely a function of the design factors of the property itself, and the property will retain acceptable levels of daylight and sunlight with the Proposed Development in place.
- 5.24 Figures 14-19 on the following page show the VSC, NSL and APSH levels to each window/room in both the existing and proposed scenarios:

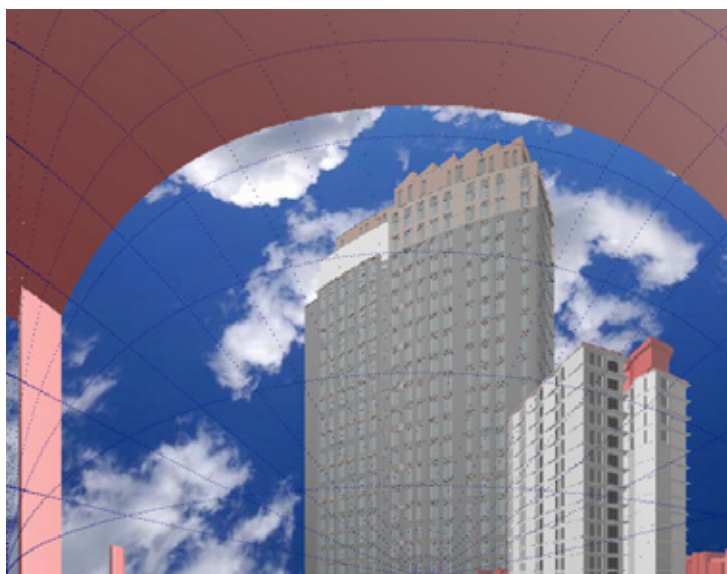


Figure 14: Botanica Apartments Second Floor Waldram Diagram

BOTANICA APARTMENTS (CONTINUED)

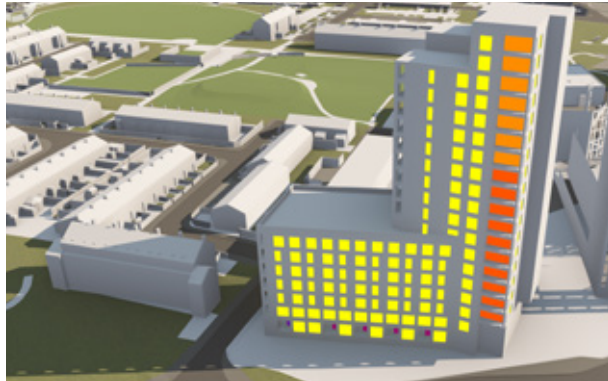


Figure 15: Existing VSC levels

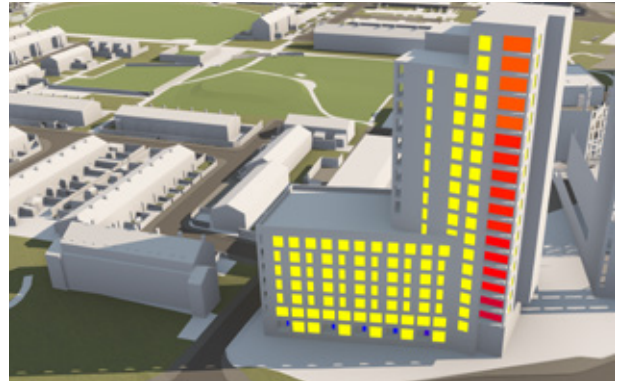


Figure 16: Proposed VSC levels

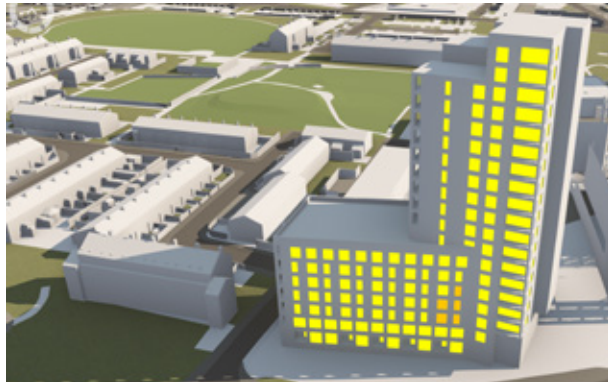


Figure 17: Existing NSL levels

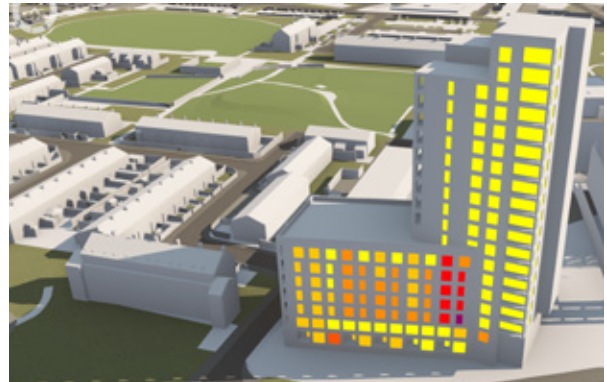


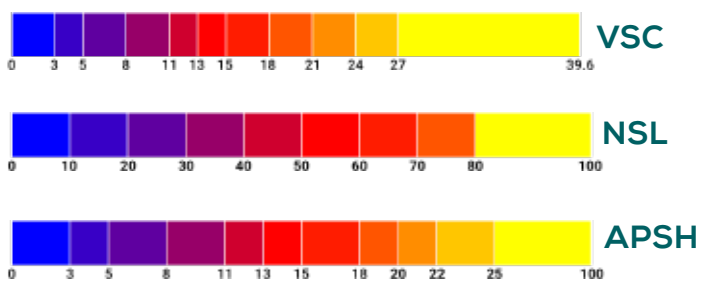
Figure 18: Proposed NSL levels



Figure 19: Existing APSH levels



Figure 20: Proposed APSH levels



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6 CONCLUSIONS

GIA have undertaken a daylight and sunlight assessment in relation to the Proposed Development at Cornbrook, Manchester. The technical analysis has been undertaken in accordance with the BRE handbook.

- 6.1 GIA have been instructed by Forshaw Group to provide daylight and sunlight advice in relation to the proposed redevelopment of The Tower, Leeds.
- 6.2 The technical analysis has been considered by reference to the criteria and methodology within the Building Research Establishment handbook (BR209, 2022).
- 6.3 When constructing buildings alterations in light to adjoining properties are often unavoidable and the numerical guidance given in the BRE document can be treated flexibly in consideration of site specifics.
- 6.4 Our technical analysis demonstrates that when assessed against the existing baseline, the overall compliance rates for the surrounding properties are 58.1% for VSC and 56.7% for NSL (daylight).
- 6.5 Where breaches of guidance occur, this can partially be attributed to the design factors and location of the neighbouring properties themselves, and is not necessarily a function of the Proposed Development being excessively sized.
- 6.6 When assessed against the APSH methodology, 51% of living rooms within surrounding properties will fully comply with the target guidelines.
- 6.7 It is worth reiterating that the BRE's numerical guidance should be treated flexibly in an urban environment. Furthermore, Section 1.6 of the BRE suggests that; *"Although, it gives numerical guidelines, these should be interpreted flexibly since natural lighting is only one of many factors in site layout design"*.
- 6.8 It is GIAs opinion that the effect of the Proposed Development upon the neighbouring properties is considered to be within the intention and flexible application of the BRE Guidelines.
- 6.9 Having considered the relevant local policies and the Governments recognition for increased flexibility on daylight and sunlight matters, it is our view that the Proposed Development relates to and integrates well with neighbours, and with the Proposed Development in place, surrounding residential properties will continue to receive levels of daylight and sunlight commensurate with the expectations of the area.

APPENDIX 01

PRINCIPLES OF DAYLIGHT, SUNLIGHT & OVERSHADOWING

APPENDIX 01

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.

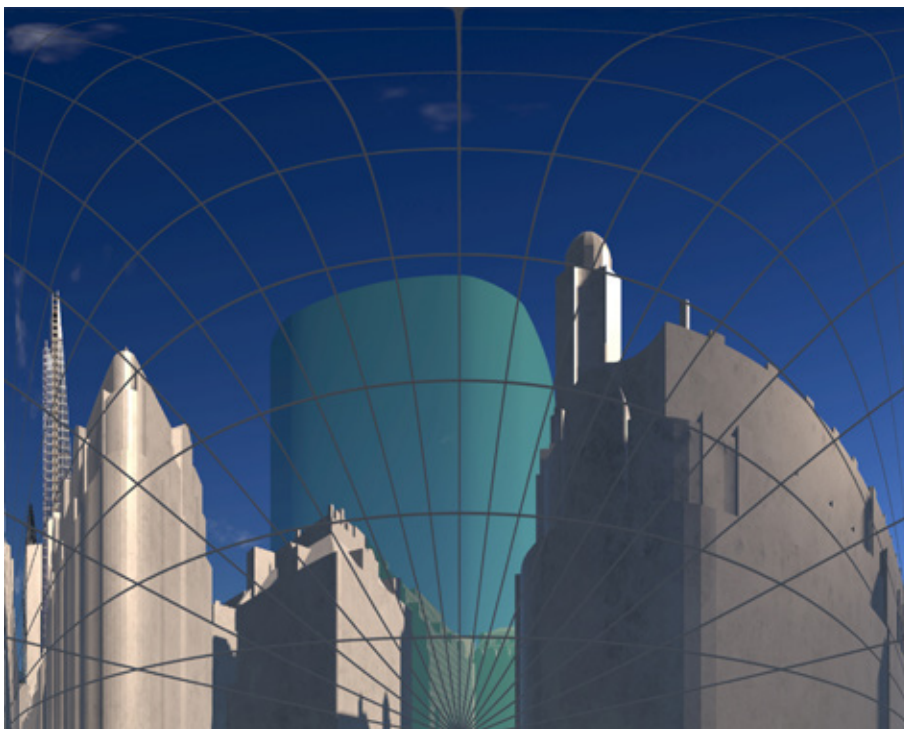


Figure 01: Waldram diagram

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.

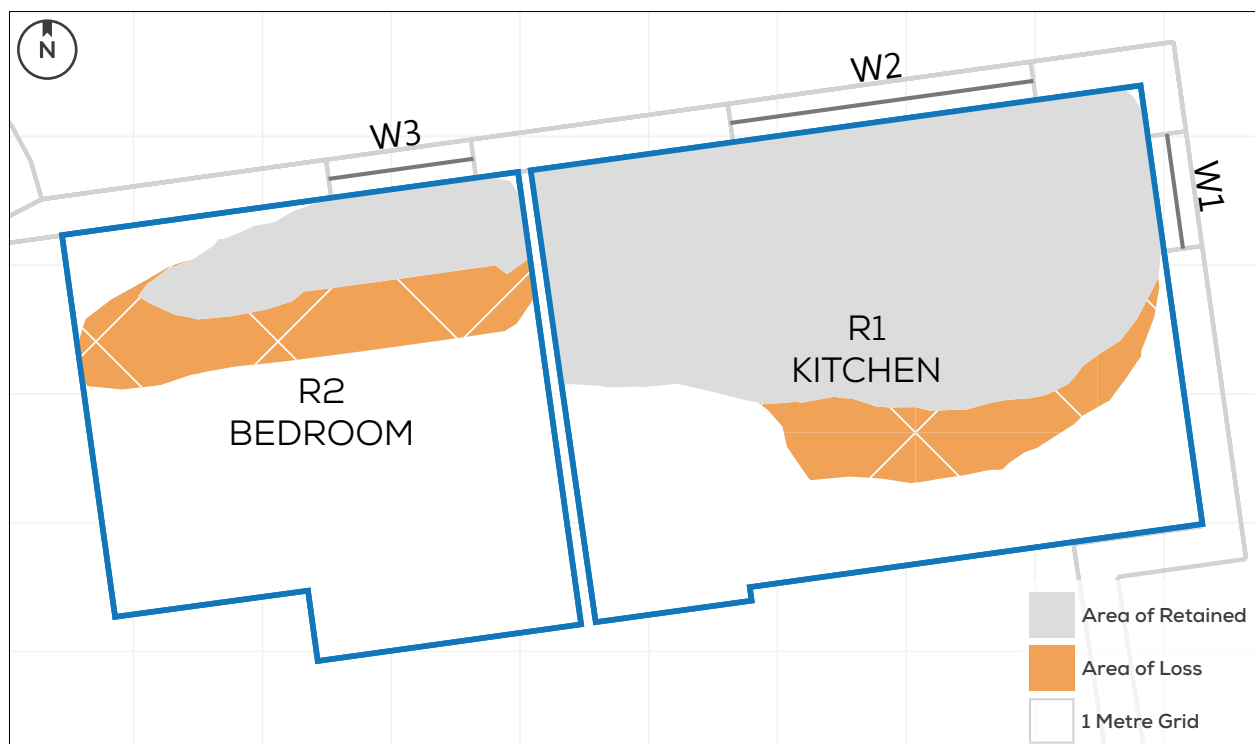


Figure 02: Example NSL diagram

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.

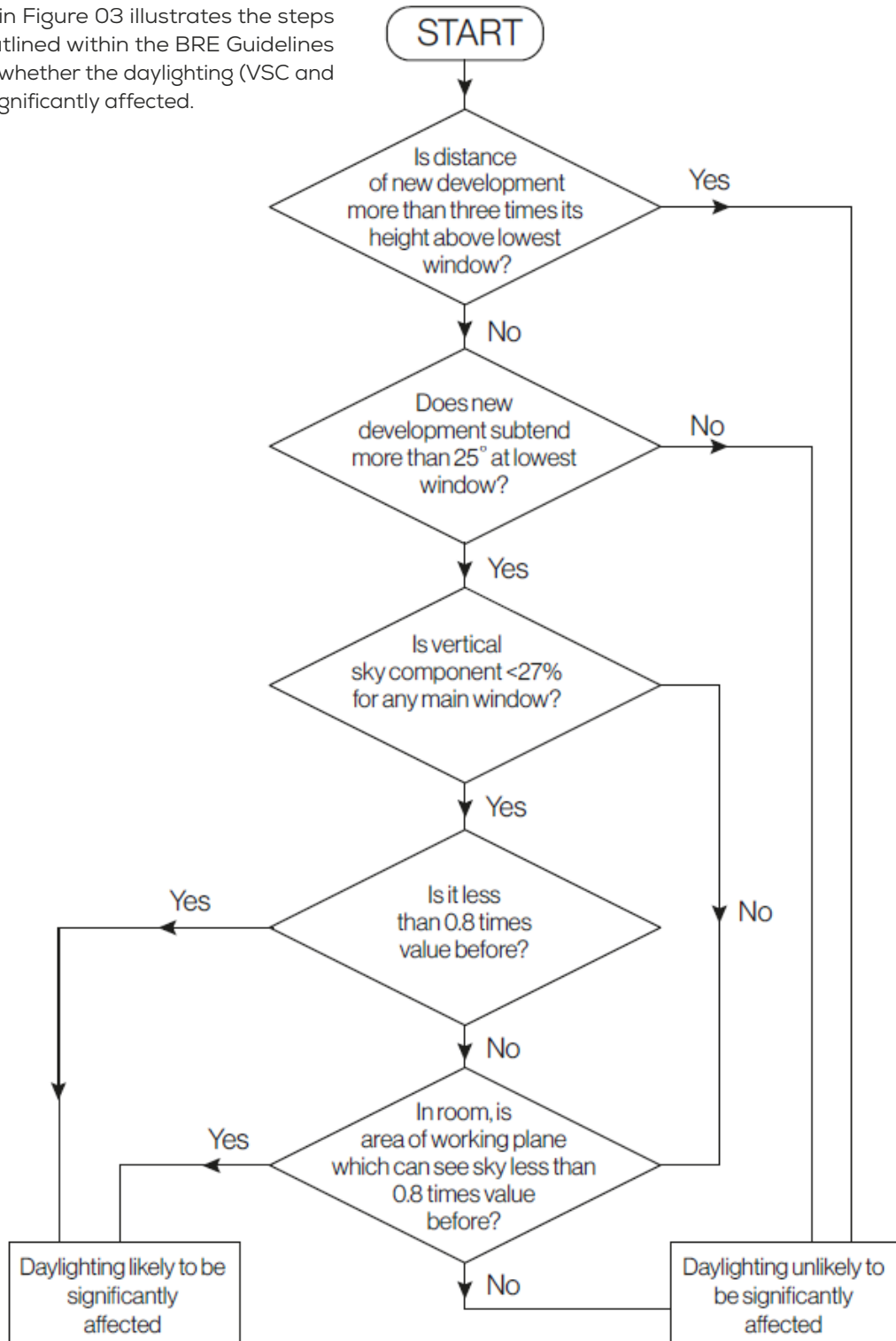


Figure 03: BRE Decision Chart (Figure 20): diffuse daylight in existing buildings. This does not include an assessment of rights to light issues, which a developer may need to consider separately

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.

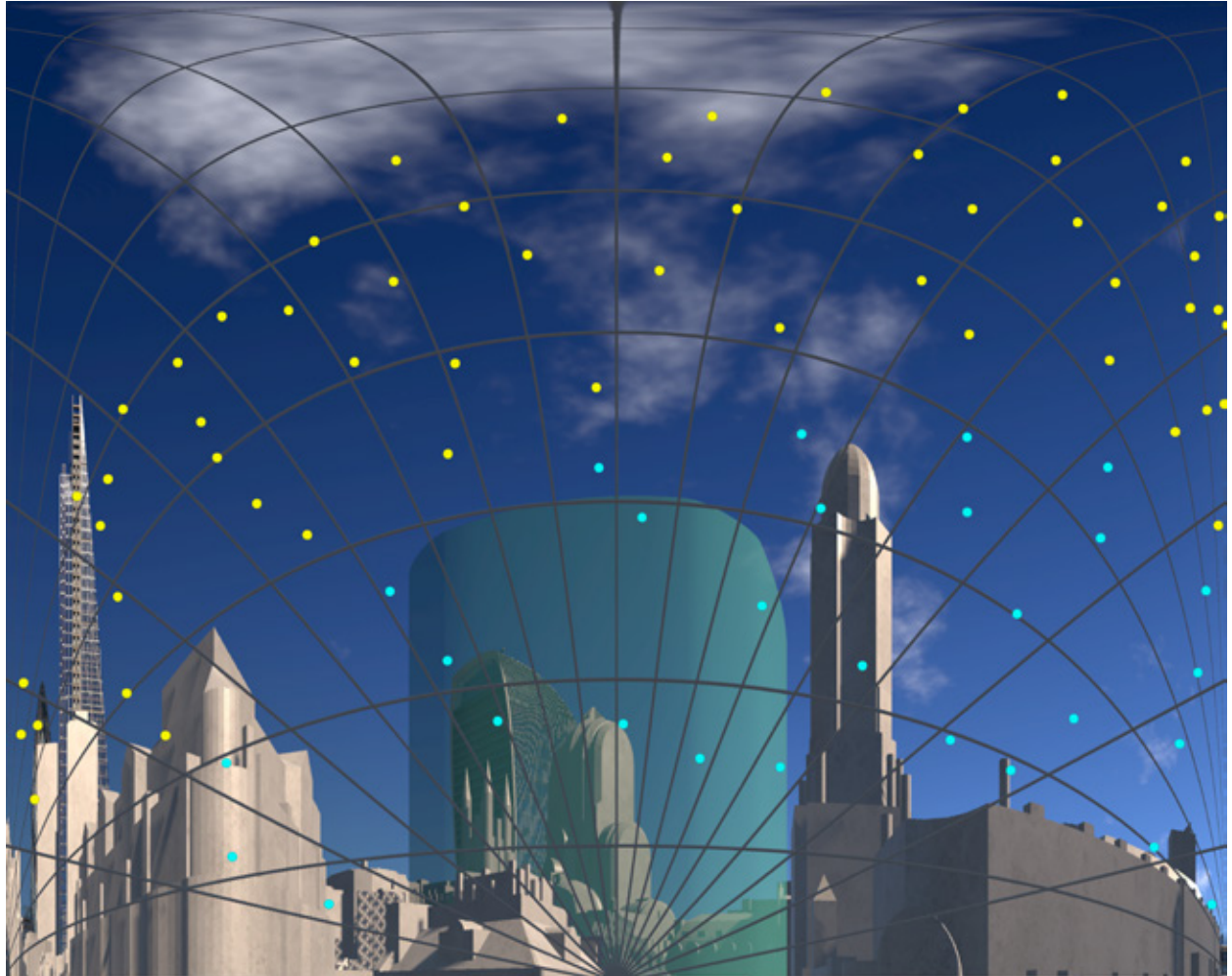


Figure 04: Waldram diagram

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

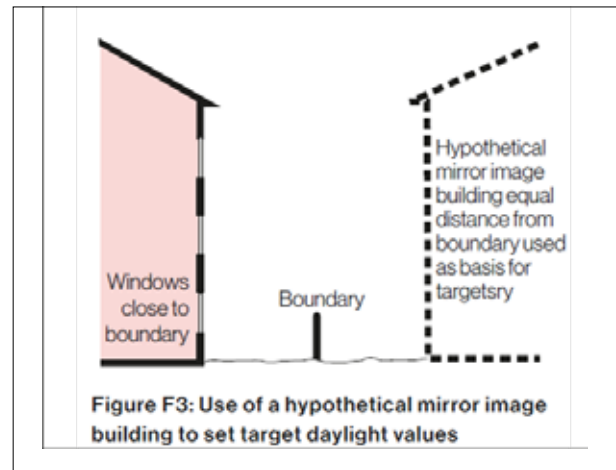


Figure 05: Littlefair, P. (2022). Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: HIS BRE Press p 87
Figure F3

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."

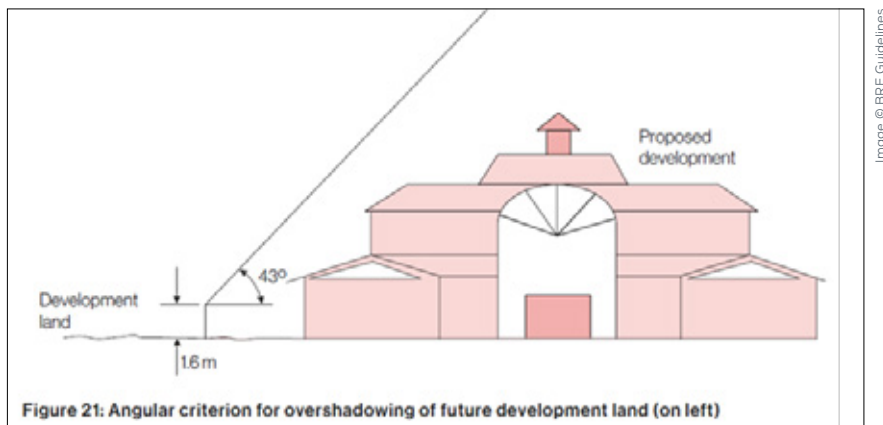


Figure 06: Littlefair, P. (2022). Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: HIS BRE Press p 19 Figure 21

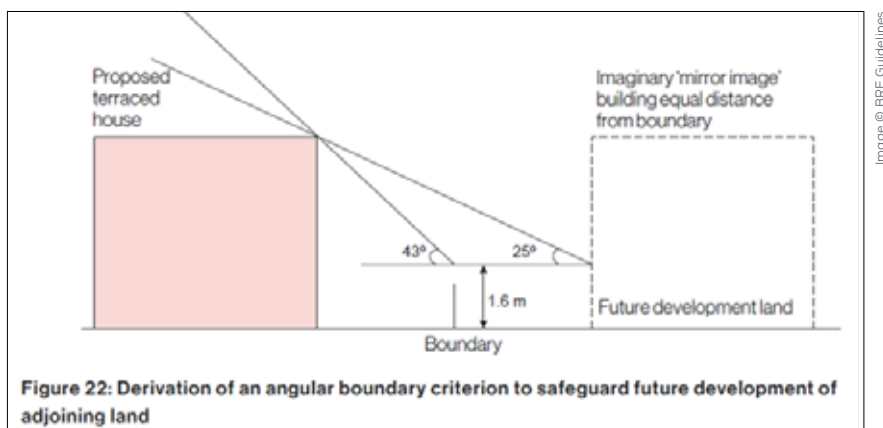


Figure 07: Littlefair, P. (2022). Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: HIS BRE Press p 20 Figure 22

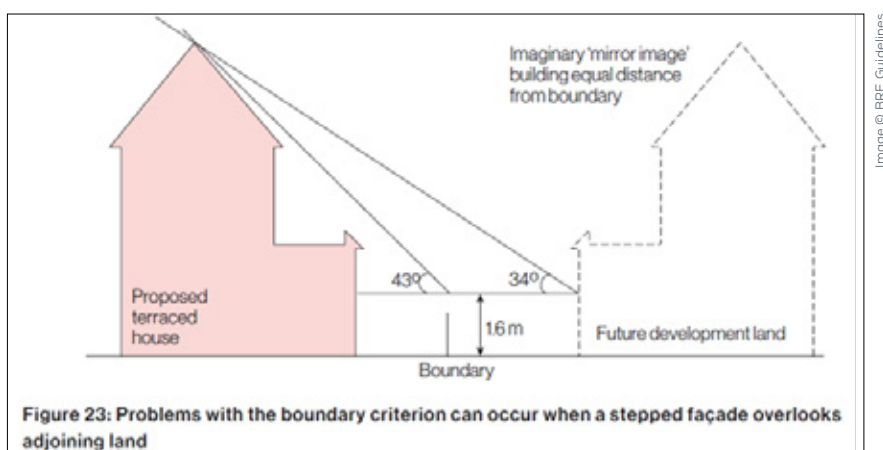


Figure 08: Littlefair, P. (2022). Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: HIS BRE Press p 20 Figure 23

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.

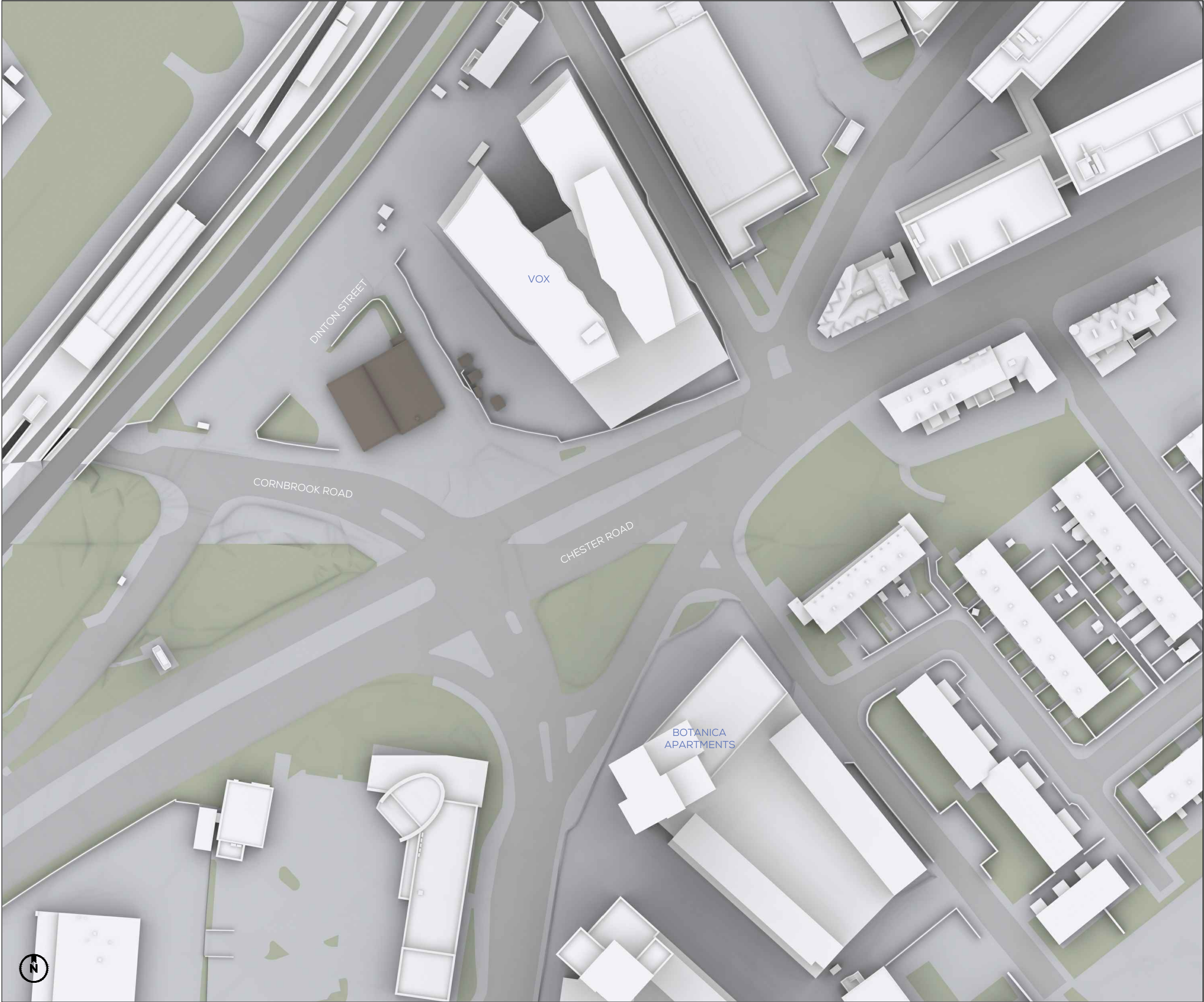
- A 2.57 Finally, paragraph 4.5.10 notes that “numerical values given are purely advisory. Different criteria may be used based on the requirements for solar energy in an area viewed against other site layout constraints. Another important issue is whether the existing solar panels are reasonably sited, 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.”

Image © BRE Guidelines

APPENDIX 02 DRAWINGS

APPENDIX 02
DRAWINGS:

EXISTING



SOURCES OF INFORMATION

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IR03-20240117-Floorplans
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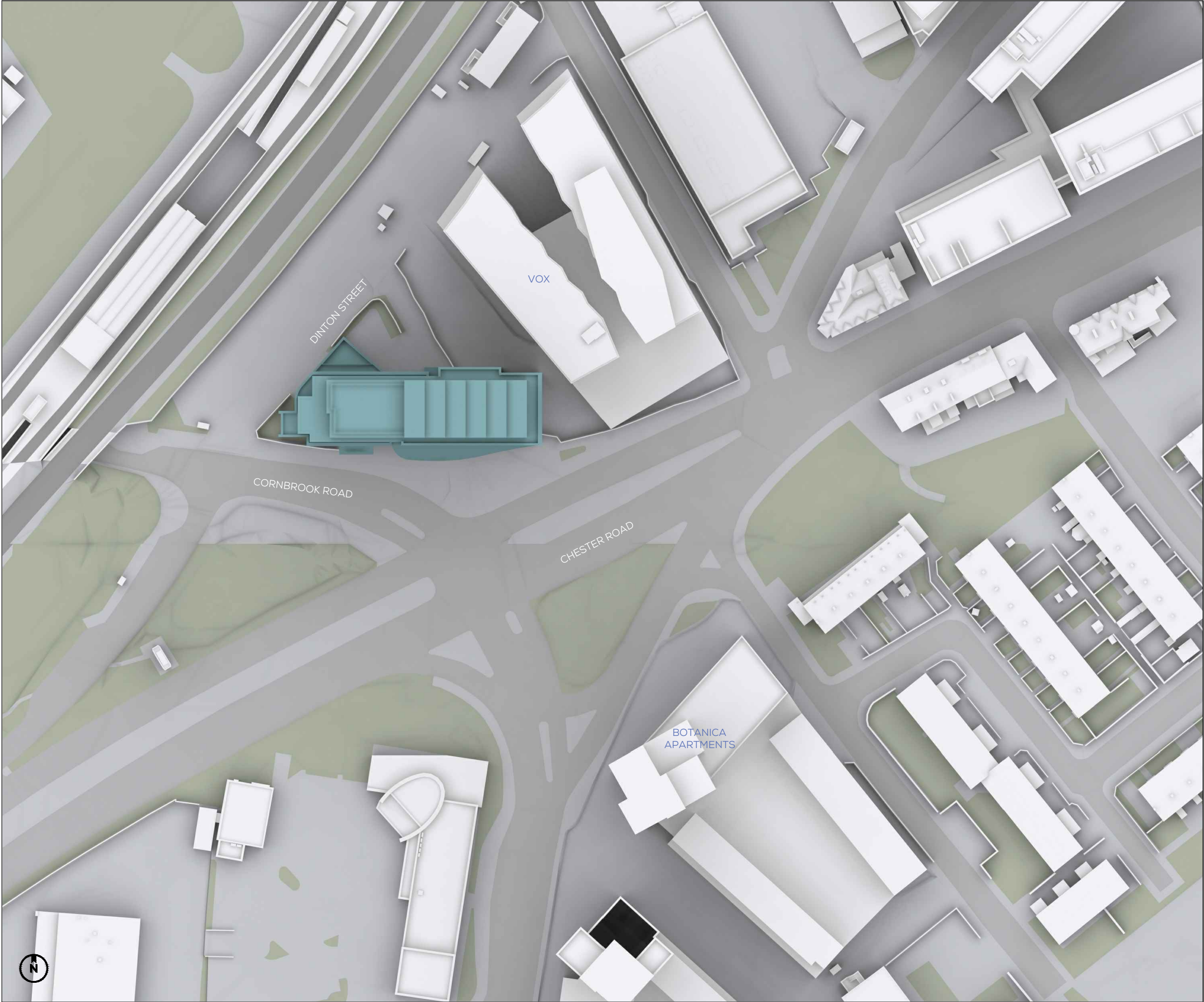
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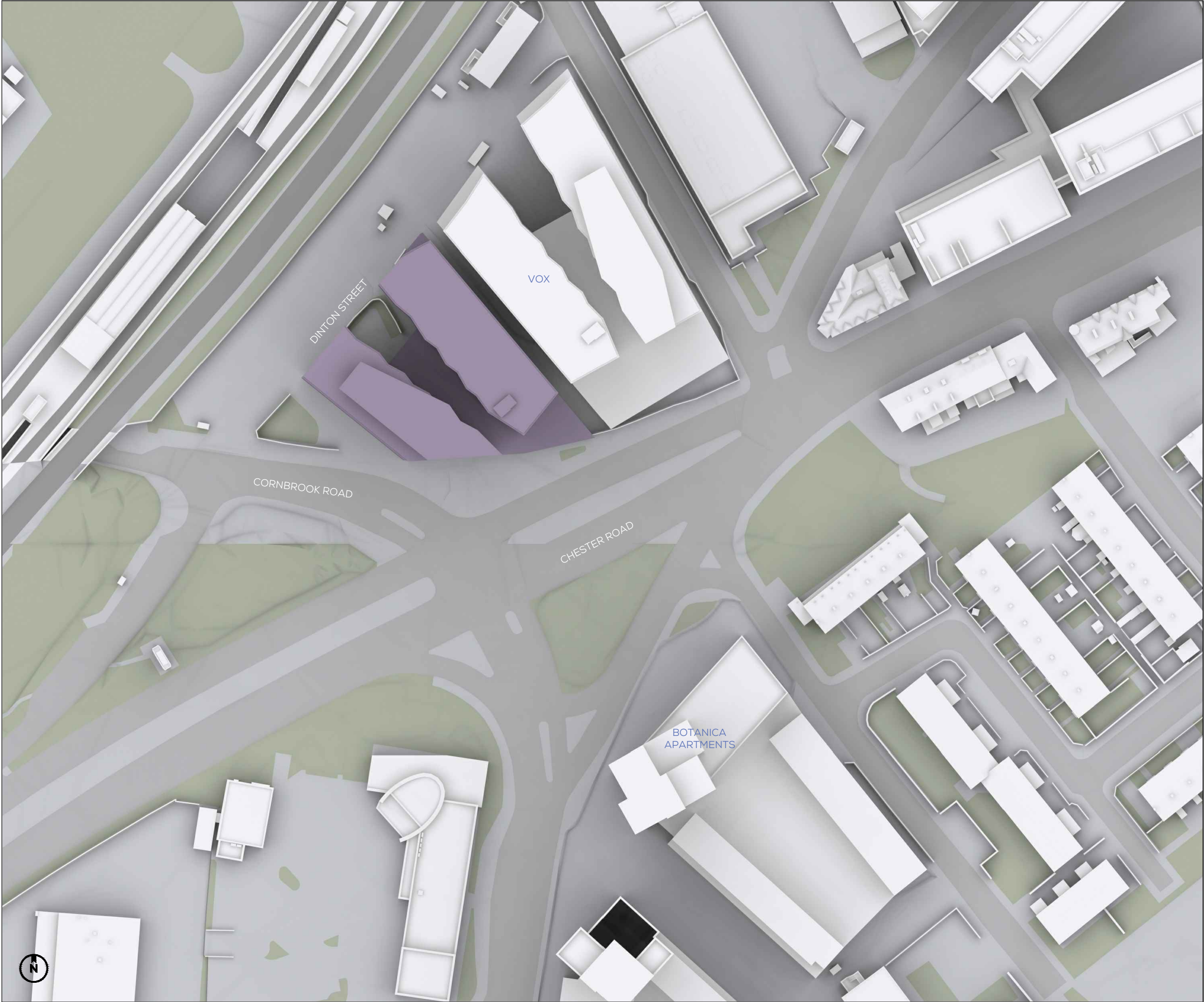
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APPENDIX 02
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IR03-20240117-Floorplans
IR04-20240117-LRW

ALL INFORMATION DISPLAYED IS SUBJECT TO A COMPLETE VERIFIABLE SITE SURVEY BEING UNDERTAKEN. GIA TAKES NO RESPONSIBILITY ON THE ACCURACY OR RELIABILITY OF THE DISPLAYED DATA SINCE A VERIFIED SITE SURVEY WAS NOT MADE AVAILABLE PRIOR TO THE GENERATION OF SUCH INFORMATION.

NOTES:
MIRROR MASSING SHOWN IN PURPLE

N.B. DO NOT SCALE OFF THIS DRAWING

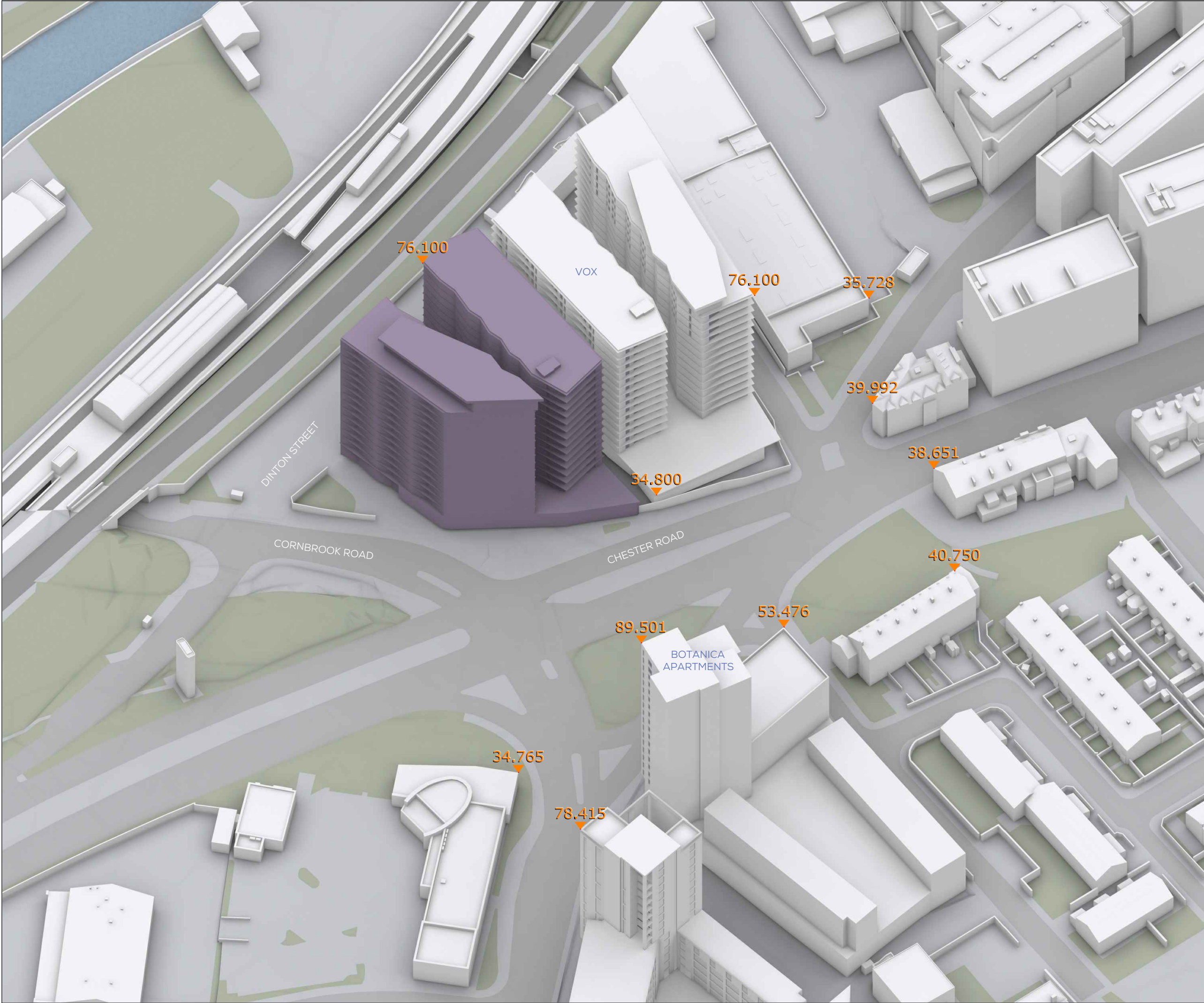
PROJECT:
CORNBROOK,
MANCHESTER

DRAWING NAME:
PLAN VIEW MIRROR MASSING

DWN BY	SCALE	CHK BY	STATUS	DATE
KS	NTS	SP	-	JAN24
PROJ No.	REL No.	IS No.	DWG No.	REV No.
2473	01	04	01	-

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SOURCES OF INFORMATION

IR02-20240116-Vertex
IR03-20240117-Floorplans
IR04-20240117-LRW

ALL INFORMATION DISPLAYED IS SUBJECT TO A COMPLETE VERIFIABLE SITE SURVEY BEING UNDERTAKEN. GIA TAKES NO RESPONSIBILITY ON THE ACCURACY OR RELIABILITY OF THE DISPLAYED DATA SINCE A VERIFIED SITE SURVEY WAS NOT MADE AVAILABLE PRIOR TO THE GENERATION OF SUCH INFORMATION.

NOTES:
MIRROR MASSING SHOWN IN PURPLE

N.B. DO NOT SCALE OFF THIS DRAWING

PROJECT:
CORNBROOK,
MANCHESTER

DRAWING NAME:
3D VIEW MIRROR MASSING

DWN BY	SCALE	CHK BY	STATUS	DATE
KS	NTS	SP	-	JAN24
PROJ No.	REL No.	IS No.	DWG No.	REV No.
2473	01	04	02	-



SOURCES OF INFORMATION

IR02-20240116-Vertex
IR03-20240117-Floorplans
IR04-20240117-LRW

ALL INFORMATION DISPLAYED IS SUBJECT TO A COMPLETE VERIFIABLE SITE SURVEY BEING UNDERTAKEN. GIA TAKES NO RESPONSIBILITY ON THE ACCURACY OR RELIABILITY OF THE DISPLAYED DATA SINCE A VERIFIED SITE SURVEY WAS NOT MADE AVAILABLE PRIOR TO THE GENERATION OF SUCH INFORMATION.

NOTES:
MIRROR MASSING SHOWN IN PURPLE

N.B. DO NOT SCALE OFF THIS DRAWING

PROJECT:
CORNBROOK,
MANCHESTER

DRAWING NAME:
3D VIEW MIRROR MASSING

DWN BY	SCALE	CHK BY	STATUS	DATE
KS	NTS	SP	-	JAN24
PROJ No.	REL No.	IS No.	DWG No.	REV No.
2473	01	04	03	-

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APPENDIX 03
RESULTS & CONTOURS

APPENDIX 03
RESULTS & CONTOURS:

EXISTING v PROPOSED (RESULTS)

					VSC(ROOM)					NSL					APSH (ROOM)							
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	EX. %	PR. %	LOSS	%	MEETS CRITERIA	EX. %	PR. %	LOSS SQM	LOSS %	MEETS CRITERIA	EX.		PR.		LOSS %		MEETS CRITERIA	
															ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER		
VOX																						
F01	R1	Residential	Bedroom	W1/F01	30	29	1	3.3	YES	92.6	92.6	0	0	YES								
	R2	Residential	Bedroom	W2/F01	24.8	24.3	0.5	2	YES	95.9	95.9	0	0	YES								
	R3	Residential	Living Room	W3/F01	19.3	18.9	0.4	2.1	YES	86.3	86	0.1	0.4	YES	50	24	47	21	6	12.5	YES	
				W4/F01																		
	R4	Residential	Bedroom	W5/F01	37.7	12.7	25	66.3	NO	86.9	34.9	6.6	59.8	NO								
	R5	Residential	Living Room	W6/F01	35.7	11	24.7	69.2	NO	97.7	46.4	15.1	52.5	NO	64	18	20	2	68.8	88.9	NO	
				W7/F01																		
	R6	Residential	Bedroom	W8/F01	32.3	8.9	23.4	72.4	NO	75.4	4.7	8.5	93.8	NO								
	R7	Residential	Bedroom	W9/F01	38	13.7	24.3	63.9	NO	89.6	51.3	4.8	42.8	NO								
	R8	Residential	Living Room	W10/F01	35.9	13.1	22.8	63.5	NO	97.2	59.1	11.1	39.2	NO	64	18	16	0	75	100	NO	
				W11/F01																		
	R9	Residential	Bedroom	W12/F01	32.5	12	20.5	63.1	NO	74.7	9.3	7.8	87.5	NO								
	R10	Residential	Bedroom	W13/F01	38.1	17.9	20.2	53	NO	89.4	72.3	2.1	19.2	YES								
	R11	Residential	Living Room	W14/F01	36.1	17.4	18.7	51.8	NO	97.6	74.6	6.7	23.6	NO	64	18	20	1	68.8	94.4	NO	
				W15/F01																		
	R12	Residential	Bedroom	W16/F01	32.6	16.1	16.5	50.6	NO	74.5	19	6.6	74.5	NO								
	R13	Residential	Bedroom	W17/F01	38.1	23.2	14.9	39.1	NO	92.9	89.6	0.4	3.5	YES								
	R14	Residential	Living Room	W18/F01	32.3	25.6	6.7	20.7	NO	98.9	94.5	1.2	4.5	YES	59	18	26	4	55.9	77.8	NO	
				W19/F01																		
F02	R1	Residential	Bedroom	W1/F02	30.8	29.8	1	3.2	YES	93.4	93.4	0	0	YES								
	R2	Residential	Bedroom	W2/F02	25.6	25.1	0.5	2	YES	96	95.9	0	0	YES								
	R3	Residential	Living Room	W3/F02	20	19.6	0.4	2	YES	86.4	86	0.1	0.4	YES	50	24	47	21	6	12.5	YES	
				W4/F02																		
	R4	Residential	Bedroom	W5/F02	38	13	25	65.8	NO	86.9	35	6.6	59.8	NO								
	R5	Residential	Living Room	W6/F02	36	11.3	24.7	68.6	NO	97.7	46.2	15.1	52.7	NO	64	18	20	2	68.8	88.9	NO	
				W7/F02																		
	R6	Residential	Bedroom	W8/F02	32.6	9.2	23.4	71.8	NO	75.4	4.7	8.5	93.8	NO								
	R7	Residential	Bedroom	W9/F02	38.3	14	24.3	63.4	NO	89.6	51.4	4.8	42.7	NO								
	R8	Residential	Living Room	W10/F02	36.2	13.5	22.7	62.7	NO	97.2	59.3	11.1	39.1	NO	64	18	16	0	75	100	NO	
				W11/F02																		
	R9	Residential	Bedroom	W12/F02	32.8	12.3	20.5	62.5	NO	74.7	9.3	7.8	87.5	NO								
	R10	Residential	Bedroom	W13/F02	38.4	18.3	20.1	52.3	NO	89.6	72.6	2.1	19	YES								
	R11	Residential	Living Room	W14/F02	36.4	17.8	18.6	51.1	NO	97.6	74.6	6.7	23.6	NO	64	18	20	1	68.8	94.4	NO	
				W15/F02																		
	R12	Residential	Bedroom	W16/F02	33	16.5	16.5	50	NO	74.5	19	6.6	74.5	NO								
	R13	Residential	Bedroom	W17/F02	38.4	23.6	14.8	38.5	NO	92.9	89.7	0.4	3.4	YES								
	R14	Residential	Living Room	W18/F02	32.7	26	6.7	20.5	NO	98.9	94.6	1.2	4.4	YES	60	19	26	4	56.7	78.9	NO	
				W19/F02																		
F03	R1	Residential	Bedroom	W1/F03	31.5	30.5	1	3.2	YES	93.9	93.9	0	0	YES								
	R2	Residential	Bedroom	W2/F03	26.3	25.7	0.6	2.3	YES	96.1	96.1	0	0	YES								
	R3	Residential	Living Room	W3/F03	20.6	20.2	0.4	1.9	YES	86.4	86.1	0.1	0.4	YES	52	25	49	22	5.8	12	YES	
				W4/F03																		
	R4	Residential	Bedroom	W5/F03	38.2	13.1	25.1	65.7	NO	86.9	35	6.6	59.8	NO								
	R5	Residential	Living Room	W6/F03	36.2	11.4	24.8	68.5	NO	97.7	46.4	15.1	52.5	NO	64	18	20	2	68.8	88.9	NO	
				W7/F03																		
	R6	Residential	Bedroom	W8/F03	32.8	9.4	23.4	71.3	NO	75.4	4.7	8.5	93.7	NO								
	R7	Residential	Bedroom	W9/F03	38.4	14.1	24.3	63.3	NO	89.6	51.6	4.8	42.5	NO								
	R8	Residential	Living Room	W10/F03	36.4	13.6	22.8	62.6	NO	97.2	59.3	11.1	39.1	NO	64	18	16	0	75	100	NO	
				W11/F03																		
	R9	Residential	Bedroom	W12/F03	32.9	12.4	20.5	62.3	NO	74.7	9.4	7.8	87.5	NO								
	R10	Residential	Bedroom	W13/F03	38.6	18.5	20.1	52.1	NO	89.6	72.6	2.1	18.9	YES								
	R11	Residential	Living Room	W14/F03	36.5	18	18.5	50.7	NO	97.6	74.6	6.7	23.6	NO	65	19	20	1	69.2	94.7	NO	
				W15/F03																		
	R12	Residential	Bedroom	W16/F03	33.1	16.7	16.4	49.5	NO	74.5	19	6.6	74.5	NO								
	R13	Residential	Bedroom	W17/F03	38.6	23.8	14.8	38.3	NO	92.9	89.8	0.4	3.4	YES								
	R14	Residential	Living Room	W18/F03	32.8	26.2	6.6	20.1	NO	98.9	94.5	1.2	4.5	YES	60	19	26	4	56.7	78.9	NO	
				W19/F03																		
F04	R1	Residential	Bedroom	W1/F04	31.9	31	0.9	2.8	YES	94.3	94.3	0	0	YES								
	R2	Residential	Bedroom	W2/F04	26.7	26.2	0.5	1.9	YES	96.3	96.3	0	0	YES								
	R3	Residential	Living Room	W3/F04	21	20.6	0.4	1.9	YES	86.4	86.1	0.1	0.4	YES	52	25	49	22	5.8	12	YES	
				W4/F04																		
	R4	Residential	Bedroom	W5/F04	38.3	13.2	25.1	65.5	NO	86.9	35.1	6.6	59.7	NO								
	R5	Residential	Living Room	W6/F04	36.3	11.5	24.8	68.3	NO	97.7	46.5	15	52.4	NO	65	19	21	3	67.7	84.2	NO	
				W7/F04																		
	R6	Residential	Bedroom	W8/F04	32.9	9.4	23.5	71.4	NO	75.5	4.8	8.5	93.7	NO								

	R7	Residential	Bedroom	W9/F04	38.5	14.3	24.2	62.9	NO	89.6	51.7	4.7	42.4	NO							
	R8	Residential	Living Room	W10/F04	36.4	13.7	22.7	62.4	NO	97.3	59.4	11	38.9	NO	64	18	16	0	75	100	NO
				W11/F04																	
	R9	Residential	Bedroom	W12/F04	33	12.5	20.5	62.1	NO	74.7	9.4	7.8	87.4	NO							
	R10	Residential	Bedroom	W13/F04	38.6	18.7	19.9	51.6	NO	89.6	72.8	2.1	18.8	YES							
	R11	Residential	Living Room	W14/F04	36.6	18.1	18.5	50.5	NO	97.6	74.7	6.7	23.5	NO	66	20	20	1	69.7	95	NO
				W15/F04																	
	R12	Residential	Bedroom	W16/F04	33.2	16.8	16.4	49.4	NO	74.5	19	6.7	74.5	NO							
	R13	Residential	Bedroom	W17/F04	38.6	24	14.6	37.8	NO	92.9	89.9	0.4	3.2	YES							
	R14	Residential	Living Room	W18/F04	32.9	26.3	6.6	20.1	NO	98.9	94.5	1.2	4.5	YES	61	20	27	4	55.7	80	NO
				W19/F04																	
F05	R1	Residential	Bedroom	W1/F05	32.3	31.3	1	3.1	YES	94.8	94.8	0	0	YES							
	R2	Residential	Bedroom	W2/F05	27.1	26.6	0.5	1.8	YES	96.4	96.4	0	0	YES							
	R3	Residential	Living Room	W3/F05	21.3	20.9	0.4	1.9	YES	86.4	86.1	0.1	0.4	YES	52	25	49	22	5.8	12	YES
				W4/F05																	
	R4	Residential	Bedroom	W5/F05	38.4	13.3	25.1	65.4	NO	87	35.1	6.6	59.6	NO							
	R5	Residential	Living Room	W6/F05	36.3	11.6	24.7	68	NO	97.7	46.6	15	52.3	NO	65	19	21	3	67.7	84.2	NO
				W7/F05																	
	R6	Residential	Bedroom	W8/F05	32.9	9.5	23.4	71.1	NO	75.5	4.9	8.5	93.6	NO							
	R7	Residential	Bedroom	W9/F05	38.6	14.4	24.2	62.7	NO	89.6	51.7	4.7	42.3	NO							
	R8	Residential	Living Room	W10/F05	36.5	13.9	22.6	61.9	NO	97.3	59.7	11	38.7	NO	65	19	16	0	75.4	100	NO
				W11/F05																	
	R9	Residential	Bedroom	W12/F05	33.1	12.6	20.5	61.9	NO	74.7	9.4	7.8	87.4	NO							
	R10	Residential	Bedroom	W13/F05	38.7	18.9	19.8	51.2	NO	89.5	72.7	2.1	18.7	YES							
	R11	Residential	Living Room	W14/F05	36.6	18.3	18.3	50	NO	97.6	74.8	6.7	23.4	NO	67	21	20	1	70.1	95.2	NO
				W15/F05																	
	R12	Residential	Bedroom	W16/F05	33.2	16.9	16.3	49.1	NO	74.6	19.1	6.6	74.4	NO							
	R13	Residential	Bedroom	W17/F05	38.7	24.2	14.5	37.5	NO	92.9	89.9	0.4	3.2	YES							
	R14	Residential	Living Room	W18/F05	32.9	26.4	6.5	19.8	YES	98.8	94.5	1.2	4.4	YES	61	20	28	4	54.1	80	NO
				W19/F05																	
F06	R1	Residential	Bedroom	W1/F06	32.6	31.7	0.9	2.8	YES	95	95	0	0	YES							
	R2	Residential	Bedroom	W2/F06	27.4	26.9	0.5	1.8	YES	96.5	96.5	0	0	YES							
	R3	Residential	Living Room	W3/F06	21.5	21.1	0.4	1.9	YES	86.4	86.1	0.1	0.4	YES	52	25	49	22	5.8	12	YES
				W4/F06																	
	R4	Residential	Bedroom	W5/F06	38.4	13.4	25	65.1	NO	87	35.1	6.6	59.6	NO							
	R5	Residential	Living Room	W6/F06	36.4	11.8	24.6	67.6	NO	97.7	46.7	15	52.2	NO	65	19	21	3	67.7	84.2	NO
				W7/F06																	
	R6	Residential	Bedroom	W8/F06	33	9.6	23.4	70.9	NO	75.4	5	8.4	93.4	NO							
	R7	Residential	Bedroom	W9/F06	38.6	14.6	24	62.2	NO	89.7	51.9	4.7	42.1	NO							
	R8	Residential	Living Room	W10/F06	36.6	14	22.6	61.7	NO	97.2	59.5	11	38.8	NO	66	20	16	0	75.8	100	NO
				W11/F06																	
	R9	Residential	Bedroom	W12/F06	33.1	12.8	20.3	61.3	NO	74.7	9.6	7.8	87.1	NO							
	R10	Residential	Bedroom	W13/F06	38.7	19.1	19.6	50.6	NO	89.4	73.1	2	18.3	YES							
	R11	Residential	Living Room	W14/F06	36.7	18.5	18.2	49.6	NO	97.6	74.8	6.6	23.4	NO	67	21	23	1	65.7	95.2	NO
				W15/F06																	
	R12	Residential	Bedroom	W16/F06	33.2	17.1	16.1	48.5	NO	74.5	19.2	6.6	74.2	NO							
	R13	Residential	Bedroom	W17/F06	38.7	24.5	14.2	36.7	NO	92.9	90	0.4	3.1	YES							
	R14	Residential	Living Room	W18/F06	33	26.6	6.4	19.4	YES	98.9	94.5	1.2	4.5	YES	62	21	29	4	53.2	81	NO
				W19/F06																	
F07	R1	Residential	Bedroom	W1/F07	32.9	32	0.9	2.7	YES	95.1	95.1	0	0	YES							
	R2	Residential	Bedroom	W2/F07	27.7	27.2	0.5	1.8	YES	96.5	96.5	0	0	YES							
	R3	Residential	Living Room	W3/F07	21.7	21.3	0.4	1.8	YES	86.5	86.1	0.1	0.4	YES	52	25	49	22	5.8	12	YES
				W4/F07																	
	R4	Residential	Bedroom	W5/F07	38.5	13.5	25	64.9	NO	87	35.2	6.6	59.5	NO							
	R5	Residential	Living Room	W6/F07	36.5	11.9	24.6	67.4	NO	97.7	46.9	14.9	52	NO	66	20	22	4	66.7	80	NO
				W7/F07																	
	R6	Residential	Bedroom	W8/F07	33.1	9.8	23.3	70.4	NO	75.4	5	8.4	93.3	NO							
	R7	Residential	Bedroom	W9/F07	38.7	14.7	24	62	NO	89.6	52	4.7	42	NO							
	R8	Residential	Living Room	W10/F07	36.6	14.2	22.4	61.2	NO	97.3	59.7	11	38.6	NO	66	20	17	0	74.2	100	NO
				W11/F07																	
	R9	Residential	Bedroom	W12/F07	33.2	12.9	20.3	61.1	NO	74.7	9.8	7.8	86.8	NO							
	R10	Residential	Bedroom	W13/F07	38.8	19.4	19.4	50	NO	89.6	73.2	2	18.2	YES							
	R11	Residential	Living Room	W14/F07	36.7	18.8	17.9	48.8	NO	97.6	74.9	6.6	23.2	NO	67	21	23	1	65.7	95.2	NO
				W15/F07																	
	R12	Residential	Bedroom	W16/F07	33.3	17.3	16	48	NO	74.5	19.3	6.6	74.1	NO							
	R13	Residential	Bedroom	W17/F07	38.7	24.8	13.9	35.9	NO	92.9	90.1	0.3	3	YES							
	R14	Residential	Living Room	W18/F07	33	26.7	6.3	19.1	YES	98.9	94.6	1.2	4.4	YES	62	21	29	4	53.2	81	NO
				W19/F07																	
F08	R1	Residential	Bedroom	W1/F08	33.1	32.2	0.9	2.7	YES	95.1	95.1	0	0	YES							
	R2	Residential	Bedroom	W2/F08	27.9	27.4	0.5	1.8	YES	96.5	96.5	0	0	YES							
	R3	Residential	Living Room	W3/F08	21.9	21.5	0.4	1.8	YES	86.4	86.1	0.1	0.4	YES	52	25	49	22	5.8	12	YES

22/01/2024 14:42:55

RELEASE 1 ,ISSUE 1

ARCHITECT: LRW

				W4/F08																		
	R4	Residential	Bedroom	W5/F08	38.6	13.7	24.9	64.5	NO	86.9	35.2	6.6	59.4	NO								
	R5	Residential	Living Room	W6/F08	36.5	12	24.5	67.1	NO	97.7	46.9	14.9	52	NO	66	20	22	4	66.7	80	NO	
				W7/F08																		
	R6	Residential	Bedroom	W8/F08	33.1	9.9	23.2	70.1	NO	75.4	5.2	8.4	93.1	NO								
	R7	Residential	Bedroom	W9/F08	38.7	14.9	23.8	61.5	NO	89.7	52.3	4.7	41.7	NO								
	R8	Residential	Living Room	W10/F08	36.7	14.4	22.3	60.8	NO	97.2	59.8	10.9	38.5	NO	66	20	17	0	74.2	100	NO	
				W11/F08																		
	R9	Residential	Bedroom	W12/F08	33.2	13.1	20.1	60.5	NO	74.7	9.9	7.7	86.7	NO								
	R10	Residential	Bedroom	W13/F08	38.8	19.7	19.1	49.2	NO	89.6	73.6	2	17.8	YES								
	R11	Residential	Living Room	W14/F08	36.7	19.1	17.6	48	NO	97.6	75.1	6.6	23.1	NO	67	21	23	1	65.7	95.2	NO	
				W15/F08																		
	R12	Residential	Bedroom	W16/F08	33.3	17.6	15.7	47.1	NO	74.7	19.5	6.6	73.9	NO								
	R13	Residential	Bedroom	W17/F08	38.7	25.1	13.6	35.1	NO	92.9	90.2	0.3	2.9	YES								
	R14	Residential	Living Room	W18/F08	33.1	26.9	6.2	18.7	YES	98.9	94.5	1.2	4.4	YES	62	21	31	4	50	81	NO	
				W19/F08																		
F09	R1	Residential	Bedroom	W1/F09	33.3	32.4	0.9	2.7	YES	95.2	95.2	0	0	YES								
	R2	Residential	Bedroom	W2/F09	28.1	27.6	0.5	1.8	YES	96.5	96.5	0	0	YES								
	R3	Residential	Living Room	W3/F09	22	21.6	0.4	1.8	YES	86.4	86.1	0.1	0.4	YES	52	25	49	22	5.8	12	YES	
				W4/F09																		
	R4	Residential	Bedroom	W5/F09	38.6	13.8	24.8	64.2	NO	87	35.4	6.6	59.3	NO								
	R5	Residential	Living Room	W6/F09	36.6	12.2	24.4	66.7	NO	97.7	47.1	14.9	51.8	NO	66	20	22	4	66.7	80	NO	
				W7/F09																		
	R6	Residential	Bedroom	W8/F09	33.2	10	23.2	69.9	NO	75.4	5.4	8.4	92.8	NO								
	R7	Residential	Bedroom	W9/F09	38.8	15.2	23.6	60.8	NO	89.7	52.7	4.6	41.3	NO								
	R8	Residential	Living Room	W10/F09	36.7	14.7	22	59.9	NO	97.3	60.1	10.9	38.3	NO	67	21	17	0	74.6	100	NO	
				W11/F09																		
	R9	Residential	Bedroom	W12/F09	33.3	13.3	20	60.1	NO	74.7	10.1	7.7	86.4	NO								
	R10	Residential	Bedroom	W13/F09	38.9	20	18.9	48.6	NO	89.6	74	1.9	17.4	YES								
	R11	Residential	Living Room	W14/F09	36.8	19.4	17.4	47.3	NO	97.7	75.2	6.5	23	NO	67	21	24	1	64.2	95.2	NO	
				W15/F09																		
	R12	Residential	Bedroom	W16/F09	33.4	17.9	15.5	46.4	NO	74.5	19.6	6.6	73.7	NO								
	R13	Residential	Bedroom	W17/F09	38.8	25.5	13.3	34.3	NO	92.9	90.3	0.3	2.8	YES								
	R14	Residential	Living Room	W18/F09	33.1	27.1	6	18.1	YES	98.9	94.5	1.2	4.5	YES	62	21	33	4	46.8	81	NO	
				W19/F09																		
F10	R1	Residential	Bedroom	W1/F10	33.5	32.5	1	3	YES	95.2	95.2	0	0	YES								
	R2	Residential	Bedroom	W2/F10	28.2	27.7	0.5	1.8	YES	96.6	96.5	0	0	YES								
	R3	Residential	Living Room	W3/F10	22.2	21.7	0.5	2.3	YES	86.5	86.1	0.1	0.4	YES	52	25	49	22	5.8	12	YES	
				W4/F10																		
	R4	Residential	Bedroom	W5/F10	38.7	14	24.7	63.8	NO	87	35.5	6.6	59.1	NO								
	R5	Residential	Living Room	W6/F10	36.7	12.3	24.4	66.5	NO	97.7	47.2	14.8	51.7	NO	67	21	23	5	65.7	76.2	NO	
				W7/F10																		
	R6	Residential	Bedroom	W8/F10	33.2	10.2	23	69.3	NO	75.5	5.7	8.4	92.5	NO								
	R7	Residential	Bedroom	W9/F10	38.8	15.5	23.3	60.1	NO	89.6	53.1	4.6	40.8	NO								
	R8	Residential	Living Room	W10/F10	36.7	15	21.7	59.1	NO	97.3	60.2	10.8	38.1	NO	67	21	17	0	74.6	100	NO	
				W11/F10																		
	R9	Residential	Bedroom	W12/F10	33.3	13.6	19.7	59.2	NO	74.7	10.5	7.7	85.9	NO								
	R10	Residential	Bedroom	W13/F10	38.9	20.5	18.4	47.3	NO	89.5	74.2	1.9	17	YES								
	R11	Residential	Living Room	W14/F10	36.8	19.8	17	46.2	NO	97.6	75.5	6.5	22.7	NO	68	22	27	1	60.3	95.5	NO	
				W15/F10																		
	R12	Residential	Bedroom	W16/F10	33.4	18.2	15.2	45.5	NO	74.5	20	6.5	73.2	NO								
	R13	Residential	Bedroom	W17/F10	38.8	25.9	12.9	33.2	NO	92.9	90.5	0.3	2.6	YES								
	R14	Residential	Living Room	W18/F10	33.1	27.3	5.8	17.5	YES	98.9	94.5	1.3	4.5	YES	63	22	34	4	46	81.8	NO	
				W19/F10																		
F11	R1	Residential	Bedroom	W1/F11	33.7	32.7	1	3	YES	95.2	95.2	0	0	YES								
	R2	Residential	Bedroom	W2/F11	28.4	27.9	0.5	1.8	YES	96.6	96.6	0	0	YES								
	R3	Residential	Living Room	W3/F11	22.3	21.9	0.4	1.8	YES	86.5	86.1	0.1	0.4	YES	53	26	50	23	5.7	11.5	YES	
				W4/F11																		
	R4	Residential	Bedroom	W5/F11	38.7	14.1	24.6	63.6	NO	86.9	35.8	6.5	58.8	NO								
	R5	Residential	Living Room	W6/F11	36.7	12.5	24.2	65.9	NO	97.7	47.3	14.8	51.6	NO	67	21	23	5	65.7	76.2	NO	
				W7/F11																		
	R6	Residential	Bedroom	W8/F11	33.3	10.3	23	69.1	NO	75.6	6	8.3	92.1	NO								
	R7	Residential	Bedroom	W9/F11	38.9	15.8	23.1	59.4	NO	89.6	53.5	4.5	40.3	NO								
	R8	Residential	Living Room	W10/F11	36.8	15.4	21.4	58.2	NO	97.3	60.7	10.7	37.7	NO	67	21	17	0	74.6	100	NO	
				W11/F11																		
	R9	Residential	Bedroom	W12/F11	33.4	14	19.4	58.1	NO	74.6	11	7.6	85.2	NO								
	R10	Residential	Bedroom	W13/F11	38.9	20.9	18	46.3	NO	89.5	74.9	1.8	16.3	YES								
	R11	Residential	Living Room	W14/F11	36.8	20.3	16.5	44.8	NO	97.6	75.8	6.4	22.4	NO	68	22	27	1	60.3	95.5	NO	
				W15/F11																		
	R12	Residential	Bedroom	W16/F11	33.4	18.6	14.8	44.3	NO	74.5	20.5	6.5	72.4	NO								
	R13	Residential	Bedroom	W17/F11	38.8	26.4	12.4	32	NO	92.9	90.7	0.3	2.3	YES								

	R14	Residential	Living Room	W18/F11	33.1	27.5	5.6	16.9	YES	98.9	94.5	1.3	4.5	YES	63	22	36	4	42.9	81.8	NO
				W19/F11																	
	R15	Residential	Bedroom	W20/F11	27.3	27	0.3	1.1	YES	65.5	63.5	0.2	3.1	YES							
	R16	Residential	Bedroom	W21/F11	22.8	22.5	0.3	1.3	YES	40.2	38.4	0.2	4.5	YES							
	R17	Residential	Bedroom	W22/F11	22	21.7	0.3	1.4	YES	22.2	20.9	0.1	5.7	YES							
	R18	Residential	LKD	W23/F11	20.3	20.1	0.2	1	YES	53.2	53.2	0	0	YES	31	5	30	5	3.2	0	YES
				W24/F11																	
	R19	Residential	Bedroom	W25/F11	18.4	18.3	0.1	0.5	YES	36.5	36.5	0	0	YES							
	R20	Residential	LKD	W26/F11	16.3	16.2	0.1	0.6	YES	20.9	20.6	0.1	1.2	YES	21	3	21	3	0	0	YES
				W27/F11																	
	R21	Residential	Bedroom	W28/F11	15.3	15.3	0	0	YES	29.4	29.4	0	0	YES							
	R22	Residential	LKD	W29/F11	13.5	13.4	0.1	0.7	YES	17.8	17.6	0	0.8	YES	18	4	17	4	5.6	0	YES
				W30/F11																	
	R23	Residential	Bedroom	W31/F11	12.6	12.6	0	0	YES	24	24	0	0	YES							
	R24	Residential	LKD	W32/F11	10	10	0	0	YES	19.3	19.3	0	0	YES	17	9	17	9	0	0	YES
				W33/F11																	
	R25	Residential	Bedroom	W34/F11	9.9	9.9	0	0	YES	12.9	12.9	0	-0.1	YES							
	R26	Residential	LKD	W35/F11	29.8	29.7	0.1	0.3	YES	87.3	87.3	0	0	YES	73	27	72	26	1.4	3.7	YES
				W36/F11																	
F12	R1	Residential	Bedroom	W1/F12	33.8	32.9	0.9	2.7	YES	95.2	95.2	0	0	YES							
	R2	Residential	Bedroom	W2/F12	28.6	28	0.6	2.1	YES	96.6	96.6	0	0	YES							
	R3	Residential	Living Room	W3/F12	22.6	22.1	0.5	2.2	YES	86.5	86.1	0.1	0.4	YES	53	26	50	23	5.7	11.5	YES
				W4/F12																	
	R4	Residential	Bedroom	W5/F12	38.8	14.3	24.5	63.1	NO	87	36	6.5	58.6	NO							
	R5	Residential	Living Room	W6/F12	36.8	12.8	24	65.2	NO	97.7	47.4	14.8	51.5	NO	68	22	24	6	64.7	72.7	NO
				W7/F12																	
	R6	Residential	Bedroom	W8/F12	33.3	10.6	22.7	68.2	NO	75.6	6.4	8.3	91.5	NO							
	R7	Residential	Bedroom	W9/F12	38.9	16.3	22.6	58.1	NO	89.6	54.1	4.4	39.6	NO							
	R8	Residential	Living Room	W10/F12	36.8	15.8	21	57.1	NO	97.2	60.9	10.6	37.4	NO	68	22	18	0	73.5	100	NO
				W11/F12																	
	R9	Residential	Bedroom	W12/F12	33.4	14.4	19	56.9	NO	74.7	12	7.5	84	NO							
	R10	Residential	Bedroom	W13/F12	39	21.5	17.5	44.9	NO	89.5	75.6	1.7	15.5	YES							
	R11	Residential	Living Room	W14/F12	36.9	20.9	16	43.4	NO	97.6	76.3	6.2	21.9	NO	68	22	30	1	55.9	95.5	NO
				W15/F12																	
	R12	Residential	Bedroom	W16/F12	33.5	19.1	14.4	43	NO	74.5	21.3	6.4	71.4	NO							
	R13	Residential	Bedroom	W17/F12	38.8	26.9	11.9	30.7	NO	92.9	90.9	0.2	2.1	YES							
	R14	Residential	Living Room	W18/F12	33.1	27.8	5.3	16	YES	98.9	94.5	1.2	4.5	YES	63	22	37	4	41.3	81.8	NO
				W19/F12																	
	R15	Residential	Bedroom	W20/F12	29.8	29	0.8	2.7	YES	76.3	72.1	0.4	5.4	YES							
	R16	Residential	Bedroom	W21/F12	26.6	25.5	1.1	4.1	YES	54.8	48.2	0.8	12.1	YES							
	R17	Residential	Bedroom	W22/F12	25.7	24.8	0.9	3.5	YES	41.4	33.5	0.9	19.3	YES							
	R18	Residential	LKD	W23/F12	24.4	23.6	0.8	3.3	YES	57.4	57.4	0	0	YES	40	7	39	6	2.5	14.3	YES
				W24/F12																	
	R19	Residential	Bedroom	W25/F12	22.9	22.2	0.7	3.1	YES	47	47	0	0	YES							
	R20	Residential	LKD	W26/F12	20.9	20.2	0.7	3.3	YES	30.9	28.9	0.5	6.6	YES	31	5	29	4	6.5	20	YES
				W27/F12																	
	R21	Residential	Bedroom	W28/F12	20	19.6	0.4	2	YES	43.9	43.9	0	0	YES							
	R22	Residential	LKD	W29/F12	18.2	17.7	0.5	2.7	YES	26.7	25.4	0.3	4.8	YES	26	4	24	4	7.7	0	YES
				W30/F12																	
	R23	Residential	Bedroom	W31/F12	17.3	17	0.3	1.7	YES	36.9	36.9	0	0	YES							
	R24	Residential	LKD	W32/F12	13.8	13.8	0	0	YES	23.7	23.7	0	0	YES	23	9	23	9	0	0	YES
				W33/F12																	
	R25	Residential	Bedroom	W34/F12	13.4	13.4	0	0	YES	21.8	21.8	0	0.1	YES							
	R26	Residential	LKD	W35/F12	30.4	30.2	0.2	0.7	YES	87.3	87.3	0	0	YES	76	27	74	26	2.6	3.7	YES
				W36/F12																	
F13	R1	Residential	Bedroom	W1/F13	34	33	1	2.9	YES	95.2	95.2	0	0	YES							
	R2	Residential	Bedroom	W2/F13	28.7	28.2	0.5	1.7	YES	96.6	96.6	0	0	YES							
	R3	Residential	Living Room	W3/F13	23	22.6	0.4	1.7	YES	86.5	86.2	0.1	0.4	YES	53	26	50	23	5.7	11.5	YES
				W4/F13																	
	R4	Residential	Bedroom	W5/F13	38.9	14.6	24.3	62.5	NO	86.9	36.4	6.4	58.2	NO							
	R5	Residential	Living Room	W6/F13	36.8	13.1	23.7	64.4	NO	97.7	47.5	14.8	51.4	NO	68	22	24	6	64.7	72.7	NO
				W7/F13																	
	R6	Residential	Bedroom	W8/F13	33.4	10.8	22.6	67.7	NO	75.6	6.8	8.2	91	NO							
	R7	Residential	Bedroom	W9/F13	39	16.8	22.2	56.9	NO	89.6	55.2	4.3	38.4	NO							
	R8	Residential	Living Room	W10/F13	36.9	16.4	20.5	55.6	NO	97.3	61.6	10.4	36.7	NO	68	22	20	0	70.6	100	NO
				W11/F13																	
	R9	Residential	Bedroom	W12/F13	33.4	14.9	18.5	55.4	NO	74.7	13.1	7.4	82.5	NO							
	R10	Residential	Bedroom	W13/F13	39	22.2	16.8	43.1	NO	89.5	76.5	1.6	14.5	YES							
	R11	Residential	Living Room	W14/F13	36.9	21.5	15.4	41.7	NO	97.6	76.9	6	21.2	NO	68	22	32	1	52.9	95.5	NO
				W15/F13																	
	R12	Residential	Bedroom	W16/F13	33.5	19.7	13.8	41.2	NO	74.5	22.4	6.2	69.9	NO							

	R13	Residential	Bedroom	W17/F13	38.9	27.6	11.3	29	YES	92.9	91.1	0.2	2	YES							
	R14	Residential	Living Room	W18/F13	33.2	28.1	5.1	15.4	YES	98.8	94.5	1.2	4.4	YES	63	22	39	4	38.1	81.8	NO
				W19/F13																	
	R15	Residential	Bedroom	W20/F13	32.8	31	1.8	5.5	YES	93.6	85.7	0.8	8.4	YES							
	R16	Residential	Bedroom	W21/F13	31.2	28.7	2.5	8	YES	90.4	74.6	2	17.4	YES							
	R17	Residential	Bedroom	W22/F13	30.3	28.2	2.1	6.9	YES	72.3	42.8	3.2	40.8	NO							
	R18	Residential	LKD	W23/F13	29.6	27.6	2	6.8	YES	71.5	71.4	0	0	YES	52	13	49	10	5.8	231	YES
				W24/F13																	
	R19	Residential	Bedroom	W25/F13	28.6	26.6	2	7	YES	79.4	79.4	0	0	YES							
	R20	Residential	LKD	W26/F13	27	24.9	2.1	7.8	YES	56.5	50.3	1.6	10.8	YES	43	9	38	6	11.6	33.3	YES
				W27/F13																	
	R21	Residential	Bedroom	W28/F13	26.5	24.5	2	7.5	YES	80.1	79.9	0	0.2	YES							
	R22	Residential	LKD	W29/F13	24.9	22.9	2	8	YES	48.6	43.1	1.5	11.3	YES	41	8	38	7	7.3	12.5	YES
				W30/F13																	
	R23	Residential	Bedroom	W31/F13	24.2	22.4	1.8	7.4	YES	67.7	67.4	0	0.5	YES							
	R24	Residential	LKD	W32/F13	20.3	19.4	0.9	4.4	YES	35.2	34.2	0.3	2.7	YES	34	10	32	10	5.9	0	YES
				W33/F13																	
	R25	Residential	Bedroom	W34/F13	19.7	19	0.7	3.6	YES	43.1	42.1	0.1	2.4	YES							
	R26	Residential	LKD	W35/F13	31.4	30.8	0.6	1.9	YES	87.3	87.3	0	0	YES	83	27	77	26	7.2	3.7	YES
				W36/F13																	
F14	R1	Residential	Bedroom	W1/F14	34.1	33.2	0.9	2.6	YES	95.2	95.2	0	0	YES							
	R2	Residential	Bedroom	W2/F14	28.9	28.3	0.6	2.1	YES	96.6	96.6	0	0	YES							
	R3	Residential	Living Room	W3/F14	23.8	23.4	0.4	1.7	YES	86.5	86.1	0.1	0.4	YES	53	26	50	23	5.7	11.5	YES
				W4/F14																	
	R4	Residential	Bedroom	W5/F14	38.9	14.8	24.1	62	NO	86.8	37.3	6.3	57	NO							
	R5	Residential	Living Room	W6/F14	36.9	13.4	23.5	63.7	NO	97.7	48	14.6	50.9	NO	68	22	24	6	64.7	72.7	NO
				W7/F14																	
	R6	Residential	Bedroom	W8/F14	33.4	11.2	22.2	66.5	NO	75.5	7.3	8.2	90.3	NO							
	R7	Residential	Bedroom	W9/F14	39	17.5	21.5	55.1	NO	89.6	56.7	4.1	36.7	NO							
	R8	Residential	Living Room	W10/F14	36.9	17	19.9	53.9	NO	97.3	62.1	10.2	36.1	NO	68	22	21	0	69.1	100	NO
				W11/F14																	
	R9	Residential	Bedroom	W12/F14	33.5	15.5	18	53.7	NO	74.6	14.4	7.2	80.7	NO							
	R10	Residential	Bedroom	W13/F14	39	22.9	16.1	41.3	NO	89.5	78.1	1.4	12.8	YES							
	R11	Residential	Living Room	W14/F14	36.9	22.3	14.6	39.6	NO	97.6	77.7	5.8	20.4	NO	68	22	35	1	48.5	95.5	NO
				W15/F14																	
	R12	Residential	Bedroom	W16/F14	33.5	20.4	13.1	39.1	NO	74.5	24.2	6	67.6	NO							
	R13	Residential	Bedroom	W17/F14	38.9	28.3	10.6	27.2	YES	92.9	91.5	0.2	1.5	YES							
	R14	Residential	Living Room	W18/F14	33.2	28.4	4.8	14.5	YES	98.9	94.5	1.2	4.4	YES	63	22	43	4	31.7	81.8	NO
				W19/F14																	
	R15	Residential	Bedroom	W20/F14	35.9	32.7	3.2	8.9	YES	93.6	89.6	0.4	4.4	YES							
	R16	Residential	Bedroom	W21/F14	36	31.6	4.4	12.2	YES	90.8	79.3	1.4	12.6	YES							
	R17	Residential	Bedroom	W22/F14	35.2	31.4	3.8	10.8	YES	74.1	47.1	3	36.4	NO							
	R18	Residential	LKD	W23/F14	35.4	31.3	4.1	11.6	YES	97.2	94.2	0.9	3.1	YES	60	19	53	12	11.7	36.8	YES
				W24/F14																	
	R19	Residential	Bedroom	W25/F14	35.1	30.8	4.3	12.3	YES	90.1	90.1	0	0	YES							
	R20	Residential	LKD	W26/F14	34	29.5	4.5	13.2	YES	93	79.2	3.7	14.9	YES	57	17	51	11	10.5	35.3	YES
				W27/F14																	
	R21	Residential	Bedroom	W28/F14	34.1	29.4	4.7	13.8	YES	97.8	97.2	0.1	0.6	YES							
	R22	Residential	LKD	W29/F14	33.1	28.1	5	15.1	YES	93.1	74.4	5	20.1	NO	57	17	49	10	14	41.2	YES
				W30/F14																	
	R23	Residential	Bedroom	W31/F14	33.1	28	5.1	15.4	YES	97.1	93	0.5	4.2	YES							
	R24	Residential	LKD	W32/F14	30	25.4	4.6	15.3	YES	91.3	68.9	6.2	24.6	NO	52	14	46	13	11.5	7.1	YES
				W33/F14																	
	R25	Residential	Bedroom	W34/F14	29.6	25.4	4.2	14.2	YES	98.4	79.2	2.3	19.5	YES							
	R26	Residential	LKD	W35/F14	32.5	31.3	1.2	3.7	YES	87.4	87.3	0	0.1	YES	95	28	86	26	9.5	7.1	YES
				W36/F14																	

BOTANICA APARTMENTS																					
F00	R1	Residential	Living Room	W1/F00	23.1	17.8	5.3	22.9	NO	99.2	88.9	3.5	10.4	YES							
				W2/F00																	
				W3/F00																	
	R2	Residential	Living Room	W4/F00	23	17.6	5.4	23.5	NO	99.3	83.4	5.5	16.1	YES							
				W5/F00																	
				W6/F00																	
	R3	Residential	Living Room	W7/F00	22.9	17.4	5.5	24	NO	99.3	77.7	7.4	21.8	NO							
				W8/F00																	
				W9/F00																	
	R4	Residential	Living Room	W10/F00	22.7	17.2	5.5	24.2	NO	99.5	74.7	8.5	24.9	NO							
				W11/F00																	
				W12/F00																	
	R5	Residential	Bedroom	W13/F00	34.5	27.6	6.9	20	YES	99.9	58.9	6	41.1	NO							

	R6	Residential	Living Room	W14/F00	22.4	17.1	5.3	23.7	NO	92.8	76.9	4.4	17.2	YES								
				W15/F00																		
				W16/F00																		
F01	R1**	Residential	Bedroom	W1/F01	34.8	28.3	6.5	18.7	YES	93.7	64.1	7	31.6	NO								
	R2	Residential	Bedroom	W2/F01	35.8	29.4	6.4	17.9	YES	96.7	75.8	3	21.6	NO								
	R3	Residential	Bedroom	W3/F01	35.9	29.4	6.5	18.1	YES	99.8	86.6	1.5	13.2	YES								
	R4	Residential	Bedroom	W4/F01	35.8	29.2	6.6	18.4	YES	100	84.6	1.9	15.4	YES								
	R5	Residential	Bedroom	W5/F01	35.8	29.1	6.7	18.7	YES	100	89.3	1.2	10.7	YES								
	R6	Residential	Bedroom	W6/F01	35.7	29	6.7	18.8	YES	99.9	85.9	1.8	14	YES								
	R7	Residential	Bedroom	W7/F01	35.5	28.8	6.7	18.9	YES	99.8	90.1	1.1	9.8	YES								
	R8	Residential	Bedroom	W8/F01	35.4	28.7	6.7	18.9	YES	99.7	87.4	1.6	12.4	YES								
	R9	Residential	Bedroom	W9/F01	35.3	28.5	6.8	19.3	YES	99.7	90.9	1	8.8	YES								
	R10	Residential	Bedroom	W10/F01	35.2	28.4	6.8	19.3	YES	99.4	91.2	0.9	8.3	YES								
	R11	Residential	Living Room	W11/F01	29.2	25.4	3.8	13	YES	89.6	76.6	4.4	14.5	YES								
				W12/F01																		
				W13/F01																		
F02	R1	Residential	Living Room	W1/F02	22.8	18.2	4.6	20.2	NO	94.1	89.6	1.3	4.9	YES	43	10	43	10	0	0	YES	
				W15/F02																		
	R2	Residential	Bedroom	W2/F02	35.3	28.9	6.4	18.1	YES	97.6	84.4	1.7	13.5	YES								
	R3	Residential	Bedroom	W3/F02	36.1	29.9	6.2	17.2	YES	74.6	39.4	5.1	47.2	NO								
	R4**	Residential	Living Room	W4/F02	36.3	29.9	6.4	17.6	YES	79.4	42.8	12.9	46.1	NO								
	R5	Residential	Bedroom	W5/F02	36.2	29.8	6.4	17.7	YES	98.4	61.7	4.9	37.2	NO								
	R6**	Residential	Living Room	W6/F02	36.2	29.7	6.5	18	YES	97.3	69.7	5.9	28.4	NO								
	R7	Residential	Bedroom	W7/F02	36.1	29.5	6.6	18.3	YES	98.4	61.4	5	37.6	NO								
	R8**	Residential	Living Room	W8/F02	36	29.3	6.7	18.6	YES	97.1	67.3	6.4	30.7	NO								
	R9	Residential	Bedroom	W9/F02	35.9	29.2	6.7	18.7	YES	98.4	61.3	5	37.6	NO								
	R10**	Residential	Living Room	W10/F02	35.7	29.1	6.6	18.5	YES	96.7	65.6	6.7	32.2	NO								
	R11	Residential	Bedroom	W11/F02	35.6	29	6.6	18.5	YES	97.3	78.2	2	19.7	YES								
	R12	Residential	Living Room	W12/F02	29.1	26	3.1	10.7	YES	89.7	76.4	4.5	14.8	YES								
				W13/F02																		
				W14/F02																		
F03	R1	Residential	Living Room	W1/F03	23.1	18.7	4.4	19	YES	94.2	89.6	1.3	4.8	YES	45	10	45	10	0	0	YES	
				W15/F03																		
	R2	Residential	Bedroom	W2/F03	35.7	29.5	6.2	17.4	YES	97.6	85.8	1.5	12.1	YES								
	R3	Residential	Bedroom	W3/F03	36.4	30.4	6	16.5	YES	76.4	42.1	4.9	44.9	NO								
	R4**	Residential	Living Room	W4/F03	36.6	30.4	6.2	16.9	YES	79.8	44	12.6	44.8	NO								
	R5	Residential	Bedroom	W5/F03	36.5	30.3	6.2	17	YES	98.4	62.6	4.8	36.4	NO								
	R6**	Residential	Living Room	W6/F03	36.5	30.2	6.3	17.3	YES	97.3	70.2	5.8	27.9	NO								
	R7	Residential	Bedroom	W7/F03	36.4	30	6.4	17.6	YES	98.4	62.4	4.8	36.6	NO								
	R8**	Residential	Living Room	W8/F03	36.3	29.9	6.4	17.6	YES	97.2	68.4	6.2	29.6	NO								
	R9	Residential	Bedroom	W9/F03	36.2	29.8	6.4	17.7	YES	98.4	62.7	4.8	36.2	NO								
	R10**	Residential	Living Room	W10/F03	36.1	29.7	6.4	17.7	YES	96.6	66.3	6.5	31.4	NO								
	R11	Residential	Bedroom	W11/F03	36	29.6	6.4	17.8	YES	97.4	79.4	1.9	18.4	YES								
	R12	Residential	Living Room	W12/F03	30	27	3	10	YES	89.7	76.5	4.5	14.8	YES								
				W13/F03																		
				W14/F03																		
F04	R1	Residential	Living Room	W1/F04	23.4	19.1	4.3	18.4	YES	94.2	89.6	1.3	4.8	YES	46	10	46	10	0	0	YES	
				W15/F04																		
	R2	Residential	Bedroom	W2/F04	36.1	30.1	6	16.6	YES	97.7	88.2	1.2	9.7	YES								
	R3	Residential	Bedroom	W3/F04	36.7	30.9	5.8	15.8	YES	79	45.3	4.9	42.6	NO								
	R4**	Residential	Living Room	W4/F04	36.8	30.9	5.9	16	YES	80.3	45.3	12.3	43.6	NO								
	R5	Residential	Bedroom	W5/F04	36.8	30.8	6	16.3	YES	98.4	63.7	4.7	35.3	NO								
	R6**	Residential	Living Room	W6/F04	36.8	30.7	6.1	16.6	YES	97.4	71	5.7	27.1	NO								
	R7	Residential	Bedroom	W7/F04	36.7	30.6	6.1	16.6	YES	98.4	63.5	4.7	35.5	NO								
	R8**	Residential	Living Room	W8/F04	36.6	30.4	6.2	16.9	YES	97.3	69.2	6	28.9	NO								
	R9	Residential	Bedroom	W9/F04	36.5	30.3	6.2	17	YES	98.4	63.9	4.6	35.1	NO								
	R10**	Residential	Living Room	W10/F04	36.4	30.2	6.2	17	YES	96.7	66.9	6.4	30.8	NO								
	R11	Residential	Bedroom	W11/F04	36.4	30.2	6.2	17	YES	97.4	80.6	1.8	17.2	YES								
	R12	Residential	Living Room	W12/F04	30.5	27.7	2.8	9.2	YES	89.8	76.5	4.5	14.7	YES								
				W13/F04																		
				W14/F04																		
F05	R1	Residential	Living Room	W1/F05	23.6	19.5	4.1	17.4	YES	94.2	89.7	1.3	4.8	YES	47	10	47	10	0	0	YES	
				W15/F05																		
	R2	Residential	Bedroom	W2/F05	36.5	30.8	5.7	15.6	YES	97.7	90.1	1	7.8	YES								
	R3	Residential	Bedroom	W3/F05	37	31.3	5.7	15.4	YES	81.7	49.1	4.7	39.9	NO								
	R4**	Residential	Living Room	W4/F05	37.1	31.4	5.7	15.4	YES	81	46.9	12	42.1	NO								
	R5	Residential	Bedroom	W5/F05	37.1	31.3	5.8	15.6	YES	98.4	64.5	4.6	34.4	NO								
	R6**	Residential	Living Room	W6/F05	37.1	31.2	5.9	15.9	YES	97.6	71.9	5.5	26.3	NO								
	R7	Residential	Bedroom	W7/F05	37	31.1	5.9	15.9	YES	98.4	64.5	4.6	34.5	NO								
	R8**	Residential	Living Room	W8/F05	36.9	31	5.9	16	YES	97.2	70	5.8	28	NO								
	R9	Residential	Bedroom	W9/F05	36.9	30.9	6	16.3	YES	98.4	64.9	4.5	34	NO								

	R10**	Residential	Living Room	W10/F05	36.8	30.8	6	16.3	YES	96.8	67.8	6.2	29.9	NO							
	R11	Residential	Bedroom	W11/F05	36.7	30.8	5.9	16.1	YES	97.4	82.9	1.5	14.8	YES							
	R12	Residential	Living Room	W12/F05	30.8	28.1	2.7	8.8	YES	89.8	76.7	4.4	14.5	YES							
				W13/F05																	
				W14/F05																	
F06	R1	Residential	Living Room	W1/F06	23.9	19.9	4	16.7	YES	94.2	89.9	1.2	4.5	YES	47	10	47	10	0	0	YES
				W15/F06																	
	R2	Residential	Bedroom	W2/F06	37	31.5	5.5	14.9	YES	97.9	92.7	0.7	5.3	YES							
	R3	Residential	Bedroom	W3/F06	37.2	31.8	5.4	14.5	YES	98	69.9	4.1	28.7	NO							
	R4**	Residential	Living Room	W4/F06	37.4	31.9	5.5	14.7	YES	82.1	49	11.6	40.3	NO							
	R5	Residential	Bedroom	W5/F06	37.4	31.8	5.6	15	YES	99.7	84.7	2	15.1	YES							
	R6**	Residential	Living Room	W6/F06	37.4	31.8	5.6	15	YES	97.6	72.2	5.4	26	NO							
	R7	Residential	Bedroom	W7/F06	37.3	31.7	5.6	15	YES	99.6	83.8	2.1	15.8	YES							
	R8**	Residential	Living Room	W8/F06	37.2	31.5	5.7	15.3	YES	97.1	70.3	5.7	27.6	NO							
	R9	Residential	Bedroom	W9/F06	37.2	31.5	5.7	15.3	YES	99.3	84.5	2	14.9	YES							
	R10**	Residential	Living Room	W10/F06	37.1	31.4	5.7	15.4	YES	96.9	69	6	28.8	NO							
	R11	Residential	Bedroom	W11/F06	37.1	31.4	5.7	15.4	YES	98.5	94.9	0.4	3.6	YES							
	R12	Residential	Living Room	W12/F06	31.7	28.8	2.9	9.1	YES	89.8	77	4.3	14.3	YES							
				W13/F06																	
				W14/F06																	
F07	R1	Residential	Living Room	W1/F07	24.1	20.3	3.8	15.8	YES	94.2	90.2	1.2	4.2	YES	48	10	48	10	0	0	YES
				W6/F07																	
	R2	Residential	Bedroom	W2/F07	37.7	32.5	5.2	13.8	YES	98	94.4	0.5	3.7	YES							
	R3	Residential	Bedroom	W3/F07	37.7	32.5	5.2	13.8	YES	96.2	92.1	0.7	4.2	YES							
	R4	Residential	Living Room	W4/F07	38.4	37.5	0.9	2.3	YES	92.1	89.5	1.1	2.8	YES							
				W5/F07																	
F08	R1	Residential	Living Room	W1/F08	24.3	20.8	3.5	14.4	YES	94.2	90.4	1.1	4	YES	49	11	49	11	0	0	YES
				W6/F08																	
	R2	Residential	Bedroom	W2/F08	38	33	5	13.2	YES	98	94.5	0.4	3.6	YES							
	R3	Residential	Bedroom	W3/F08	38	33	5	13.2	YES	97.1	93	0.7	4.2	YES							
	R4	Residential	Living Room	W4/F08	19.5	18.6	0.9	4.6	YES	90.3	87	1.1	3.6	YES							
				W5/F08																	
F09	R1	Residential	Living Room	W1/F09	24.6	21.2	3.4	13.8	YES	94.2	90.4	1.1	4	YES	50	12	50	12	0	0	YES
				W6/F09																	
	R2	Residential	Bedroom	W2/F09	38.3	33.6	4.7	12.3	YES	98	94.6	0.4	3.5	YES							
	R3	Residential	Bedroom	W3/F09	38.2	33.5	4.7	12.3	YES	97.1	93.5	0.6	3.7	YES							
	R4	Residential	Living Room	W4/F09	19.7	18.8	0.9	4.6	YES	90.5	87.8	0.9	2.9	YES							
				W5/F09																	
F10	R1	Residential	Living Room	W1/F10	24.8	21.7	3.1	12.5	YES	94.2	90.4	1.1	4	YES	50	12	50	12	0	0	YES
				W6/F10																	
	R2	Residential	Bedroom	W2/F10	38.5	34.1	4.4	11.4	YES	98	94.7	0.4	3.4	YES							
	R3	Residential	Bedroom	W3/F10	38.5	34.1	4.4	11.4	YES	97.1	94.1	0.5	3.1	YES							
	R4	Residential	Living Room	W4/F10	19.8	19	0.8	4	YES	90.5	88	0.9	2.8	YES							
				W5/F10																	
F11	R1	Residential	Living Room	W1/F11	25.1	22.1	3	12	YES	94.2	90.4	1.1	4	YES	51	13	51	13	0	0	YES
				W6/F11																	
	R2	Residential	Bedroom	W2/F11	38.8	34.6	4.2	10.8	YES	98	94.8	0.4	3.2	YES							
	R3	Residential	Bedroom	W3/F11	38.7	34.6	4.1	10.6	YES	97.1	94.3	0.4	2.8	YES							
	R4	Residential	Living Room	W4/F11	19.9	19.2	0.7	3.5	YES	90.5	88.2	0.8	2.6	YES							
				W5/F11																	
F12	R1	Residential	Living Room	W1/F12	25.3	22.6	2.7	10.7	YES	94.2	90.4	1.1	4	YES	52	14	52	14	0	0	YES
				W6/F12																	
	R2	Residential	Bedroom	W2/F12	39	35.2	3.8	9.7	YES	98	95.2	0.4	2.9	YES							
	R3	Residential	Bedroom	W3/F12	39	35.2	3.8	9.7	YES	97.1	94.9	0.4	2.2	YES							
	R4	Residential	Living Room	W4/F12	20	19.3	0.7	3.5	YES	90.5	88.2	0.8	2.6	YES							
				W5/F12																	
F13	R1	Residential	Living Room	W1/F13	25.5	23	2.5	9.8	YES	94.2	90.5	1.1	3.9	YES	54	16	54	16	0	0	YES
				W6/F13																	
	R2	Residential	Bedroom	W2/F13	39.2	35.7	3.5	8.9	YES	98	95.6	0.3	2.4	YES							
	R3	Residential	Bedroom	W3/F13	39.2	35.7	3.5	8.9	YES	97.1	95.9	0.2	1.3	YES							
	R4	Residential	Living Room	W4/F13	20.1	19.5	0.6	3	YES	90.6	88.2	0.8	2.6	YES							
				W5/F13																	
F14	R1	Residential	Living Room	W1/F14	25.7	23.5	2.2	8.6	YES	94.2	90.6	1	3.7	YES	54	16	54	16	0	0	YES
				W6/F14																	
	R2	Residential	Bedroom	W2/F14	39.4	36.2	3.2	8.1	YES	98	96.5	0.2	1.6	YES							
	R3	Residential	Bedroom	W3/F14	39.4	36.2	3.2	8.1	YES	97.1	96.9	0	0.2	YES							
	R4	Residential	Living Room	W4/F14	20.2	19.6	0.6	3	YES	90.6	88.2	0.8	2.6	YES							
				W5/F14																	
F15	R1	Residential	Living Room	W1/F15	25.9	23.9	2	7.7	YES	94.2	90.9	1	3.4	YES	54	16	54	16	0	0	YES
				W6/F15																	
	R2	Residential	Bedroom	W2/F15	39.5	36.7	2.8	7.1	YES	98	96.8	0.2	1.2	YES							

	R3	Residential	Bedroom	W3/F15	39.5	36.7	2.8	7.1	YES	97.1	97.1	0	0	YES							
	R4	Residential	Living Room	W4/F15	20.2	19.7	0.5	2.5	YES	90.6	88.2	0.8	2.6	YES							
				W5/F15																	
F16	R1	Residential	Living Room	W1/F16	26	24.3	1.7	6.5	YES	94.2	91.5	0.8	2.8	YES	54	16	54	16	0	0	YES
				W6/F16																	
	R2	Residential	Bedroom	W2/F16	39.6	37.1	2.5	6.3	YES	98	97.8	0	0.2	YES							
	R3	Residential	Bedroom	W3/F16	39.6	37.1	2.5	6.3	YES	97.1	97.1	0	0	YES							
	R4	Residential	Living Room	W4/F16	20.2	19.8	0.4	2	YES	90.6	88.4	0.8	2.4	YES							
				W5/F16																	
F17	R1	Residential	Living Room	W1/F17	26.1	24.6	1.5	5.7	YES	94.2	92.2	0.6	2.1	YES	57	16	57	16	0	0	YES
				W3/F17																	
	R2	Residential	Bedroom	W2/F17	39.6	37.5	2.1	5.3	YES	98	98	0	0	YES							
F18	R1	Residential	Living Room	W1/F18	26.3	25	1.3	4.9	YES	94.2	92.7	0.4	1.5	YES	62	17	62	17	0	0	YES
				W3/F18																	
	R2	Residential	Bedroom	W2/F18	39.6	37.8	1.8	4.5	YES	98	98	0	0	YES							

EXISTING v PROPOSED (CONTOURS)

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL1

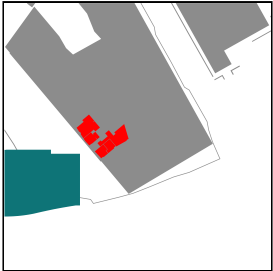
KEY:

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



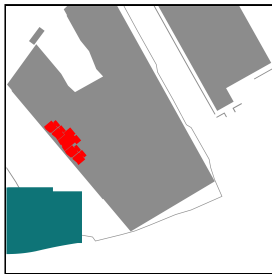
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F01	R1	RESIDENTIAL	BEDROOM	10.9	92.6	92.6	0.0	0
F01	R2	RESIDENTIAL	BEDROOM	9.5	95.9	95.9	0.0	0
F01	R3	RESIDENTIAL	LIVING ROOM	32.9	86.3	86	0.1	0.4
F01	R4	RESIDENTIAL	BEDROOM	12.8	86.9	34.9	6.6	59.8
F01	R5	RESIDENTIAL	LIVING ROOM	29.4	97.7	46.4	15.1	52.5

NSL CONTOURS



PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL2

KEY:
 GAIN
 LOSS
 MAINTAINED LIT AREA
 1 METRE GRID



F01

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F01	R6	RESIDENTIAL	BEDROOM	12.0	75.4	4.7	8.5	93.8
F01	R7	RESIDENTIAL	BEDROOM	12.5	89.6	51.3	4.8	42.8
F01	R8	RESIDENTIAL	LIVING ROOM	29.1	97.2	59.1	11.1	39.2
F01	R9	RESIDENTIAL	BEDROOM	12.0	74.7	9.3	7.8	87.5
F01	R10	RESIDENTIAL	BEDROOM	12.5	89.4	72.3	2.1	19.2

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL3

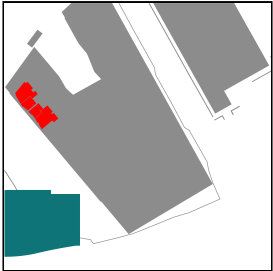
KEY:

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



F01

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F01	R11	RESIDENTIAL	LIVING ROOM	29.1	97.6	74.6	6.7	23.6
F01	R12	RESIDENTIAL	BEDROOM	12.0	74.5	19	6.6	74.5
F01	R13	RESIDENTIAL	BEDROOM	12.2	92.9	89.6	0.4	3.5
F01	R14	RESIDENTIAL	LIVING ROOM	28.2	98.9	94.5	1.2	4.5

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL4

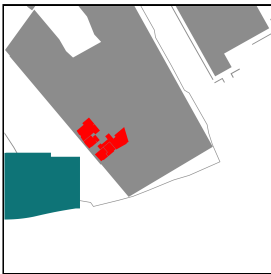
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GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F02	R1	RESIDENTIAL	BEDROOM	10.9	93.4	93.4	0.0	0
F02	R2	RESIDENTIAL	BEDROOM	9.5	96	95.9	0.0	0
F02	R3	RESIDENTIAL	LIVING ROOM	32.9	86.4	86	0.1	0.4
F02	R4	RESIDENTIAL	BEDROOM	12.8	86.9	35	6.6	59.8
F02	R5	RESIDENTIAL	LIVING ROOM	29.4	97.7	46.2	15.1	52.7

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL5

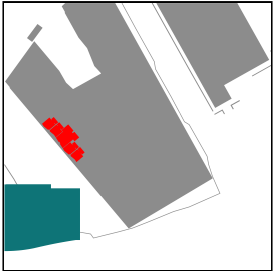
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GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID

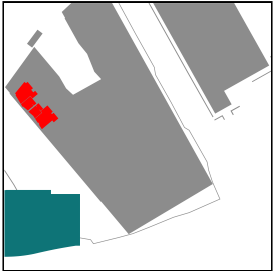


F02

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F02	R6	RESIDENTIAL	BEDROOM	12.0	75.4	4.7	8.5	93.8
F02	R7	RESIDENTIAL	BEDROOM	12.5	89.6	51.4	4.8	42.7
F02	R8	RESIDENTIAL	LIVING ROOM	29.1	97.2	59.3	11.1	39.1
F02	R9	RESIDENTIAL	BEDROOM	12.0	74.7	9.3	7.8	87.5
F02	R10	RESIDENTIAL	BEDROOM	12.5	89.6	72.6	2.1	19

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL6

KEY:
 GAIN
 LOSS
 MAINTAINED LIT AREA
 1 METRE GRID



F02

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F02	R11	RESIDENTIAL	LIVING ROOM	29.1	97.6	74.6	6.7	23.6
F02	R12	RESIDENTIAL	BEDROOM	12.0	74.5	19	6.6	74.5
F02	R13	RESIDENTIAL	BEDROOM	12.2	92.9	89.7	0.4	3.4
F02	R14	RESIDENTIAL	LIVING ROOM	28.2	98.9	94.6	1.2	4.4

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL7

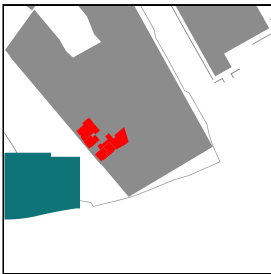
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GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



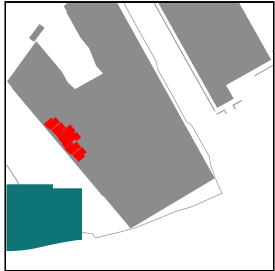
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F03	R1	RESIDENTIAL	BEDROOM	10.9	93.9	93.9	0.0	0
F03	R2	RESIDENTIAL	BEDROOM	9.5	96.1	96.1	0.0	0
F03	R3	RESIDENTIAL	LIVING ROOM	32.9	86.4	86.1	0.1	0.4
F03	R4	RESIDENTIAL	BEDROOM	12.8	86.9	35	6.6	59.8
F03	R5	RESIDENTIAL	LIVING ROOM	29.4	97.7	46.4	15.1	52.5

NSL CONTOURS



PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL8

KEY:
 GAIN
 LOSS
 MAINTAINED LIT AREA
 1 METRE GRID



F03

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F03	R6	RESIDENTIAL	BEDROOM	12.0	75.4	4.7	8.5	93.7
F03	R7	RESIDENTIAL	BEDROOM	12.5	89.6	51.6	4.8	42.5
F03	R8	RESIDENTIAL	LIVING ROOM	29.1	97.2	59.3	11.1	39.1
F03	R9	RESIDENTIAL	BEDROOM	12.0	74.7	9.4	7.8	87.5
F03	R10	RESIDENTIAL	BEDROOM	12.5	89.6	72.6	2.1	18.9

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL9

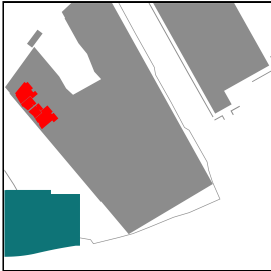
KEY:

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



F03

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F03	R11	RESIDENTIAL	LIVING ROOM	29.1	97.6	74.6	6.7	23.6
F03	R12	RESIDENTIAL	BEDROOM	12.0	74.5	19	6.6	74.5
F03	R13	RESIDENTIAL	BEDROOM	12.2	92.9	89.8	0.4	3.4
F03	R14	RESIDENTIAL	LIVING ROOM	28.2	98.9	94.5	1.2	4.5

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL10

KEY:

GAIN

LOSS

MAINTAINED LIT AREA

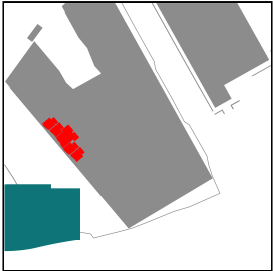
1 METRE GRID



FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F04	R1	RESIDENTIAL	BEDROOM	10.9	94.3	94.3	0.0	0
F04	R2	RESIDENTIAL	BEDROOM	9.5	96.3	96.3	0.0	0
F04	R3	RESIDENTIAL	LIVING ROOM	32.9	86.4	86.1	0.1	0.4
F04	R4	RESIDENTIAL	BEDROOM	12.8	86.9	35.1	6.6	59.7
F04	R5	RESIDENTIAL	LIVING ROOM	29.4	97.7	46.5	15.0	52.4

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL11

KEY:
 GAIN
 LOSS
 MAINTAINED LIT AREA
 1 METRE GRID



F04

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F04	R6	RESIDENTIAL	BEDROOM	12.0	75.5	4.8	8.5	93.7
F04	R7	RESIDENTIAL	BEDROOM	12.5	89.6	51.7	4.7	42.4
F04	R8	RESIDENTIAL	LIVING ROOM	29.1	97.3	59.4	11.0	38.9
F04	R9	RESIDENTIAL	BEDROOM	12.0	74.7	9.4	7.8	87.4
F04	R10	RESIDENTIAL	BEDROOM	12.5	89.6	72.8	2.1	18.8

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL12

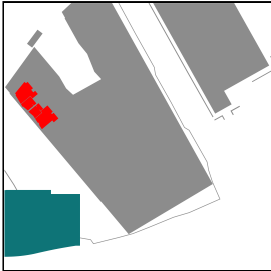
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GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



F04

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F04	R11	RESIDENTIAL	LIVING ROOM	29.1	97.6	74.7	6.7	23.5
F04	R12	RESIDENTIAL	BEDROOM	12.0	74.5	19	6.7	74.5
F04	R13	RESIDENTIAL	BEDROOM	12.2	92.9	89.9	0.4	3.2
F04	R14	RESIDENTIAL	LIVING ROOM	28.2	98.9	94.5	1.2	4.5

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL13

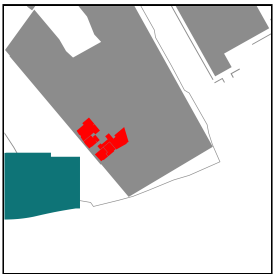
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LOSS

MAINTAINED LIT AREA

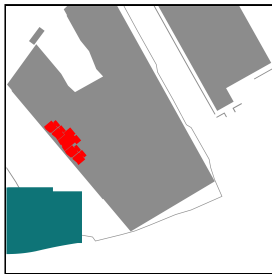
1 METRE GRID



FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F05	R1	RESIDENTIAL	BEDROOM	10.9	94.8	94.8	0.0	0
F05	R2	RESIDENTIAL	BEDROOM	9.5	96.4	96.4	0.0	0
F05	R3	RESIDENTIAL	LIVING ROOM	32.9	86.4	86.1	0.1	0.4
F05	R4	RESIDENTIAL	BEDROOM	12.8	87	35.1	6.6	59.6
F05	R5	RESIDENTIAL	LIVING ROOM	29.4	97.7	46.6	15.0	52.3

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL14

KEY:
 GAIN
 LOSS
 MAINTAINED LIT AREA
 1 METRE GRID



F05

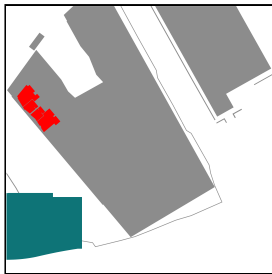
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F05	R6	RESIDENTIAL	BEDROOM	12.0	75.5	4.9	8.5	93.6
F05	R7	RESIDENTIAL	BEDROOM	12.5	89.6	51.7	4.7	42.3
F05	R8	RESIDENTIAL	LIVING ROOM	29.1	97.3	59.7	11.0	38.7
F05	R9	RESIDENTIAL	BEDROOM	12.0	74.7	9.4	7.8	87.4
F05	R10	RESIDENTIAL	BEDROOM	12.5	89.5	72.7	2.1	18.7

NSL CONTOURS



PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL15

KEY:
 GAIN
 LOSS
 MAINTAINED LIT AREA
 1 METRE GRID



F05

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F05	R11	RESIDENTIAL	LIVING ROOM	29.1	97.6	74.8	6.7	23.4
F05	R12	RESIDENTIAL	BEDROOM	12.0	74.6	19.1	6.6	74.4
F05	R13	RESIDENTIAL	BEDROOM	12.2	92.9	89.9	0.4	3.2
F05	R14	RESIDENTIAL	LIVING ROOM	28.2	98.8	94.5	1.2	4.4

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL16

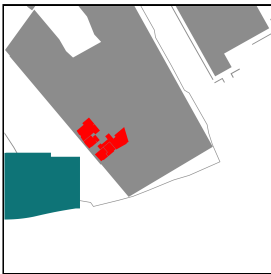
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GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F06	R1	RESIDENTIAL	BEDROOM	10.9	95	95	0.0	0
F06	R2	RESIDENTIAL	BEDROOM	9.5	96.5	96.5	0.0	0
F06	R3	RESIDENTIAL	LIVING ROOM	32.9	86.4	86.1	0.1	0.4
F06	R4	RESIDENTIAL	BEDROOM	12.8	87	35.1	6.6	59.6
F06	R5	RESIDENTIAL	LIVING ROOM	29.4	97.7	46.7	15.0	52.2

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL17

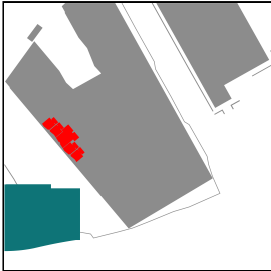
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GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID

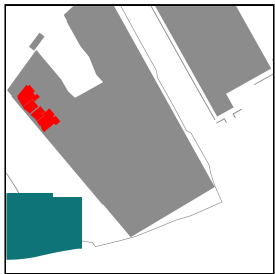


F06

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F06	R6	RESIDENTIAL	BEDROOM	12.0	75.4	5	8.4	93.4
F06	R7	RESIDENTIAL	BEDROOM	12.5	89.7	51.9	4.7	42.1
F06	R8	RESIDENTIAL	LIVING ROOM	29.1	97.2	59.5	11.0	38.8
F06	R9	RESIDENTIAL	BEDROOM	12.0	74.7	9.6	7.8	87.1
F06	R10	RESIDENTIAL	BEDROOM	12.5	89.4	73.1	2.0	18.3

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL18

KEY:
 GAIN
 LOSS
 MAINTAINED LIT AREA
 1 METRE GRID



F06

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F06	R11	RESIDENTIAL	LIVING ROOM	29.1	97.6	74.8	6.6	23.4
F06	R12	RESIDENTIAL	BEDROOM	12.0	74.5	19.2	6.6	74.2
F06	R13	RESIDENTIAL	BEDROOM	12.2	92.9	90	0.4	3.1
F06	R14	RESIDENTIAL	LIVING ROOM	28.2	98.9	94.5	1.2	4.5

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL19

KEY:

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F07	R1	RESIDENTIAL	BEDROOM	10.9	95.1	95.1	0.0	0
F07	R2	RESIDENTIAL	BEDROOM	9.5	96.5	96.5	0.0	0
F07	R3	RESIDENTIAL	LIVING ROOM	32.9	86.5	86.1	0.1	0.4
F07	R4	RESIDENTIAL	BEDROOM	12.8	87	35.2	6.6	59.5
F07	R5	RESIDENTIAL	LIVING ROOM	29.4	97.7	46.9	14.9	52

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL20

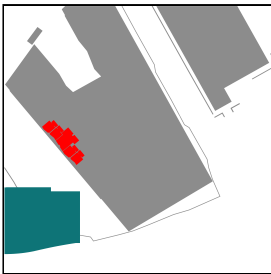
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GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



F07

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F07	R6	RESIDENTIAL	BEDROOM	12.0	75.4	5	8.4	93.3
F07	R7	RESIDENTIAL	BEDROOM	12.5	89.6	52	4.7	42
F07	R8	RESIDENTIAL	LIVING ROOM	29.1	97.3	59.7	11.0	38.6
F07	R9	RESIDENTIAL	BEDROOM	12.0	74.7	9.8	7.8	86.8
F07	R10	RESIDENTIAL	BEDROOM	12.5	89.6	73.2	2.0	18.2

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL21

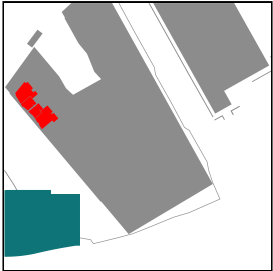
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GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



F07

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F07	R11	RESIDENTIAL	LIVING ROOM	29.1	97.6	74.9	6.6	23.2
F07	R12	RESIDENTIAL	BEDROOM	12.0	74.5	19.3	6.6	74.1
F07	R13	RESIDENTIAL	BEDROOM	12.2	92.9	90.1	0.3	3
F07	R14	RESIDENTIAL	LIVING ROOM	28.2	98.9	94.6	1.2	4.4

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL22

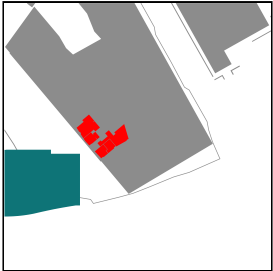
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GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F08	R1	RESIDENTIAL	BEDROOM	10.9	95.1	95.1	0.0	0
F08	R2	RESIDENTIAL	BEDROOM	9.5	96.5	96.5	0.0	0
F08	R3	RESIDENTIAL	LIVING ROOM	32.9	86.4	86.1	0.1	0.4
F08	R4	RESIDENTIAL	BEDROOM	12.8	86.9	35.2	6.6	59.4
F08	R5	RESIDENTIAL	LIVING ROOM	29.4	97.7	46.9	14.9	52

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL23

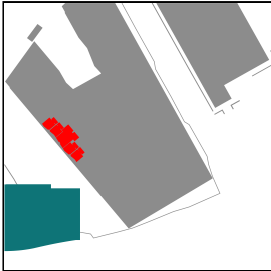
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GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID

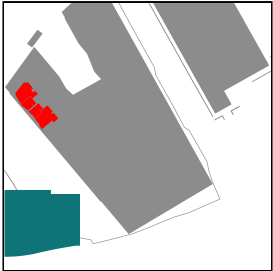


F08

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F08	R6	RESIDENTIAL	BEDROOM	12.0	75.4	5.2	8.4	93.1
F08	R7	RESIDENTIAL	BEDROOM	12.5	89.7	52.3	4.7	41.7
F08	R8	RESIDENTIAL	LIVING ROOM	29.1	97.2	59.8	10.9	38.5
F08	R9	RESIDENTIAL	BEDROOM	12.0	74.7	9.9	7.7	86.7
F08	R10	RESIDENTIAL	BEDROOM	12.5	89.6	73.6	2.0	17.8

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL24

KEY:
 GAIN
 LOSS
 MAINTAINED LIT AREA
 1 METRE GRID



F08

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F08	R11	RESIDENTIAL	LIVING ROOM	29.1	97.6	75.1	6.6	23.1
F08	R12	RESIDENTIAL	BEDROOM	12.0	74.7	19.5	6.6	73.9
F08	R13	RESIDENTIAL	BEDROOM	12.2	92.9	90.2	0.3	2.9
F08	R14	RESIDENTIAL	LIVING ROOM	28.2	98.9	94.5	1.2	4.4

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL25

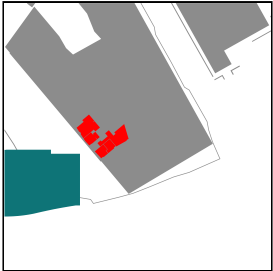
KEY:

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F09	R1	RESIDENTIAL	BEDROOM	10.9	95.2	95.2	0.0	0
F09	R2	RESIDENTIAL	BEDROOM	9.5	96.5	96.5	0.0	0
F09	R3	RESIDENTIAL	LIVING ROOM	32.9	86.4	86.1	0.1	0.4
F09	R4	RESIDENTIAL	BEDROOM	12.8	87	35.4	6.6	59.3
F09	R5	RESIDENTIAL	LIVING ROOM	29.4	97.7	47.1	14.9	51.8

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL26

KEY:

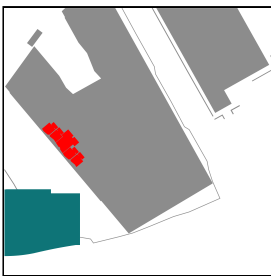
GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID

N



F09

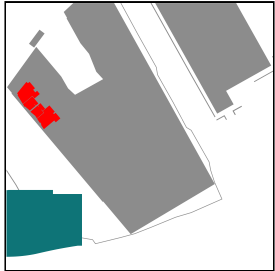
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F09	R6	RESIDENTIAL	BEDROOM	12.0	75.4	5.4	8.4	92.8
F09	R7	RESIDENTIAL	BEDROOM	12.5	89.7	52.7	4.6	41.3
F09	R8	RESIDENTIAL	LIVING ROOM	29.1	97.3	60.1	10.9	38.3
F09	R9	RESIDENTIAL	BEDROOM	12.0	74.7	10.1	7.7	86.4
F09	R10	RESIDENTIAL	BEDROOM	12.5	89.6	74	1.9	17.4

NSL CONTOURS



PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL27

KEY:
 GAIN
 LOSS
 MAINTAINED LIT AREA
 1 METRE GRID

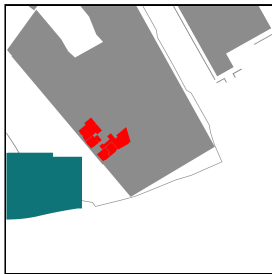


F09

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F09	R11	RESIDENTIAL	LIVING ROOM	29.1	97.7	75.2	6.5	23
F09	R12	RESIDENTIAL	BEDROOM	12.0	74.5	19.6	6.6	73.7
F09	R13	RESIDENTIAL	BEDROOM	12.2	92.9	90.3	0.3	2.8
F09	R14	RESIDENTIAL	LIVING ROOM	28.2	98.9	94.5	1.2	4.5

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL28

KEY:
 GAIN
 LOSS
 MAINTAINED LIT AREA
 1 METRE GRID



FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F10	R1	RESIDENTIAL	BEDROOM	10.9	95.2	95.2	0.0	0
F10	R2	RESIDENTIAL	BEDROOM	9.5	96.6	96.5	0.0	0
F10	R3	RESIDENTIAL	LIVING ROOM	32.9	86.5	86.1	0.1	0.4
F10	R4	RESIDENTIAL	BEDROOM	12.8	87	35.5	6.6	59.1
F10	R5	RESIDENTIAL	LIVING ROOM	29.4	97.7	47.2	14.8	51.7

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL29

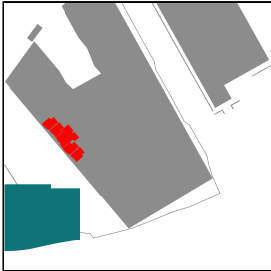
KEY:

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



F10

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F10	R6	RESIDENTIAL	BEDROOM	12.0	75.5	5.7	8.4	92.5
F10	R7	RESIDENTIAL	BEDROOM	12.5	89.6	53.1	4.6	40.8
F10	R8	RESIDENTIAL	LIVING ROOM	29.1	97.3	60.2	10.8	38.1
F10	R9	RESIDENTIAL	BEDROOM	12.0	74.7	10.5	7.7	85.9
F10	R10	RESIDENTIAL	BEDROOM	12.5	89.5	74.2	1.9	17

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL30

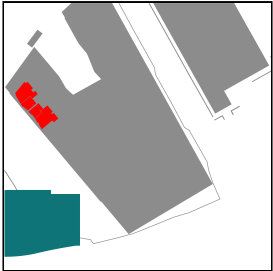
KEY:

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



F10

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F10	R11	RESIDENTIAL	LIVING ROOM	29.1	97.6	75.5	6.5	22.7
F10	R12	RESIDENTIAL	BEDROOM	12.0	74.5	20	6.5	73.2
F10	R13	RESIDENTIAL	BEDROOM	12.2	92.9	90.5	0.3	2.6
F10	R14	RESIDENTIAL	LIVING ROOM	28.2	98.9	94.5	1.3	4.5

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL31

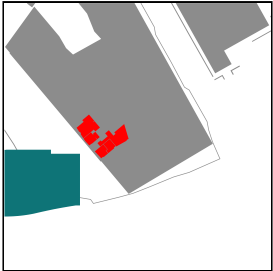
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GAIN

LOSS

MAINTAINED LIT AREA

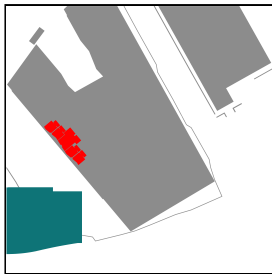
1 METRE GRID



FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F11	R1	RESIDENTIAL	BEDROOM	10.9	95.2	95.2	0.0	0
F11	R2	RESIDENTIAL	BEDROOM	9.5	96.6	96.6	0.0	0
F11	R3	RESIDENTIAL	LIVING ROOM	32.9	86.5	86.1	0.1	0.4
F11	R4	RESIDENTIAL	BEDROOM	12.8	86.9	35.8	6.5	58.8
F11	R5	RESIDENTIAL	LIVING ROOM	29.4	97.7	47.3	14.8	51.6

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL32

KEY:
 GAIN
 LOSS
 MAINTAINED LIT AREA
 1 METRE GRID

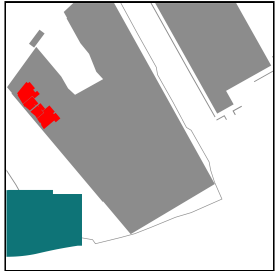


F11

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F11	R6	RESIDENTIAL	BEDROOM	12.0	75.6	6	8.3	92.1
F11	R7	RESIDENTIAL	BEDROOM	12.5	89.6	53.5	4.5	40.3
F11	R8	RESIDENTIAL	LIVING ROOM	29.1	97.3	60.7	10.7	37.7
F11	R9	RESIDENTIAL	BEDROOM	12.0	74.6	11	7.6	85.2
F11	R10	RESIDENTIAL	BEDROOM	12.5	89.5	74.9	1.8	16.3

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL33

KEY:
 GAIN
 LOSS
 MAINTAINED LIT AREA
 1 METRE GRID



F11

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F11	R11	RESIDENTIAL	LIVING ROOM	29.1	97.6	75.8	6.4	22.4
F11	R12	RESIDENTIAL	BEDROOM	12.0	74.5	20.5	6.5	72.4
F11	R13	RESIDENTIAL	BEDROOM	12.2	92.9	90.7	0.3	2.3
F11	R14	RESIDENTIAL	LIVING ROOM	28.2	98.9	94.5	1.3	4.5

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL34

KEY:

GAIN

LOSS

MAINTAINED LIT AREA

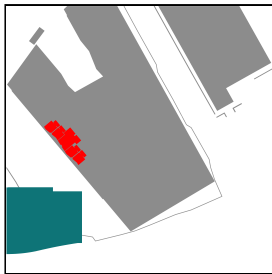
1 METRE GRID



FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F12	R1	RESIDENTIAL	BEDROOM	10.9	95.2	95.2	0.0	0
F12	R2	RESIDENTIAL	BEDROOM	9.5	96.6	96.6	0.0	0
F12	R3	RESIDENTIAL	LIVING ROOM	32.9	86.5	86.1	0.1	0.4
F12	R4	RESIDENTIAL	BEDROOM	12.8	87	36	6.5	58.6
F12	R5	RESIDENTIAL	LIVING ROOM	29.4	97.7	47.4	14.8	51.5

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL35

KEY:
 GAIN
 LOSS
 MAINTAINED LIT AREA
 1 METRE GRID



F12

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F12	R6	RESIDENTIAL	BEDROOM	12.0	75.6	6.4	8.3	91.5
F12	R7	RESIDENTIAL	BEDROOM	12.5	89.6	54.1	4.4	39.6
F12	R8	RESIDENTIAL	LIVING ROOM	29.1	97.2	60.9	10.6	37.4
F12	R9	RESIDENTIAL	BEDROOM	12.0	74.7	12	7.5	84
F12	R10	RESIDENTIAL	BEDROOM	12.5	89.5	75.6	1.7	15.5

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL36

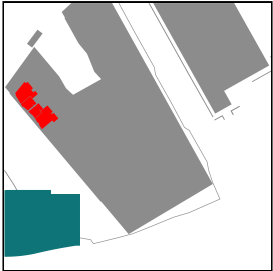
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GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



F12

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F12	R11	RESIDENTIAL	LIVING ROOM	29.1	97.6	76.3	6.2	21.9
F12	R12	RESIDENTIAL	BEDROOM	12.0	74.5	21.3	6.4	71.4
F12	R13	RESIDENTIAL	BEDROOM	12.2	92.9	90.9	0.2	2.1
F12	R14	RESIDENTIAL	LIVING ROOM	28.2	98.9	94.5	1.2	4.5

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL37

KEY:

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F13	R1	RESIDENTIAL	BEDROOM	10.9	95.2	95.2	0.0	0
F13	R2	RESIDENTIAL	BEDROOM	9.5	96.6	96.6	0.0	0
F13	R3	RESIDENTIAL	LIVING ROOM	32.9	86.5	86.2	0.1	0.4
F13	R4	RESIDENTIAL	BEDROOM	12.8	86.9	36.4	6.4	58.2
F13	R5	RESIDENTIAL	LIVING ROOM	29.4	97.7	47.5	14.8	51.4

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL38

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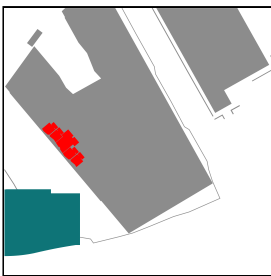
GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID

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F13

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F13	R6	RESIDENTIAL	BEDROOM	12.0	75.6	6.8	8.2	91
F13	R7	RESIDENTIAL	BEDROOM	12.5	89.6	55.2	4.3	38.4
F13	R8	RESIDENTIAL	LIVING ROOM	29.1	97.3	61.6	10.4	36.7
F13	R9	RESIDENTIAL	BEDROOM	12.0	74.7	13.1	7.4	82.5
F13	R10	RESIDENTIAL	BEDROOM	12.5	89.5	76.5	1.6	14.5

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL39

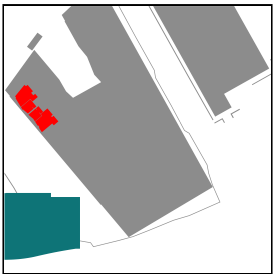
KEY:

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



F13

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F13	R11	RESIDENTIAL	LIVING ROOM	29.1	97.6	76.9	6.0	21.2
F13	R12	RESIDENTIAL	BEDROOM	12.0	74.5	22.4	6.2	69.9
F13	R13	RESIDENTIAL	BEDROOM	12.2	92.9	91.1	0.2	2
F13	R14	RESIDENTIAL	LIVING ROOM	28.2	98.8	94.5	1.2	4.4

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL40

KEY:

GAIN

LOSS

MAINTAINED LIT AREA

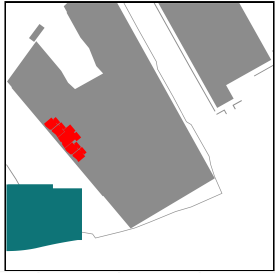
1 METRE GRID



FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F14	R1	RESIDENTIAL	BEDROOM	10.9	95.2	95.2	0.0	0
F14	R2	RESIDENTIAL	BEDROOM	9.5	96.6	96.6	0.0	0
F14	R3	RESIDENTIAL	LIVING ROOM	32.9	86.5	86.1	0.1	0.4
F14	R4	RESIDENTIAL	BEDROOM	12.8	86.8	37.3	6.3	57
F14	R5	RESIDENTIAL	LIVING ROOM	29.4	97.7	48	14.6	50.9

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL41

KEY:
 GAIN
 LOSS
 MAINTAINED LIT AREA
 1 METRE GRID



F14

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F14	R6	RESIDENTIAL	BEDROOM	12.0	75.5	7.3	8.2	90.3
F14	R7	RESIDENTIAL	BEDROOM	12.5	89.6	56.7	4.1	36.7
F14	R8	RESIDENTIAL	LIVING ROOM	29.1	97.3	62.1	10.2	36.1
F14	R9	RESIDENTIAL	BEDROOM	12.0	74.6	14.4	7.2	80.7
F14	R10	RESIDENTIAL	BEDROOM	12.5	89.5	78.1	1.4	12.8

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL42

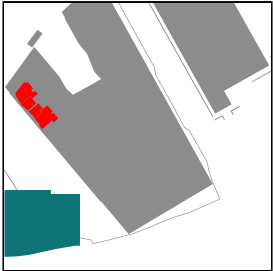
KEY:

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



F14

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX								
F14	R11	RESIDENTIAL	LIVING ROOM	29.1	97.6	77.7	5.8	20.4
F14	R12	RESIDENTIAL	BEDROOM	12.0	74.5	24.2	6.0	67.6
F14	R13	RESIDENTIAL	BEDROOM	12.2	92.9	91.5	0.2	1.5
F14	R14	RESIDENTIAL	LIVING ROOM	28.2	98.9	94.5	1.2	4.4

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: BOTANICA APARTMENTS
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL43

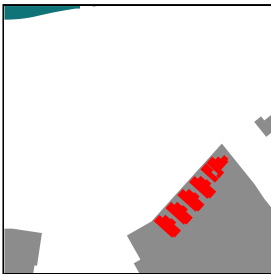
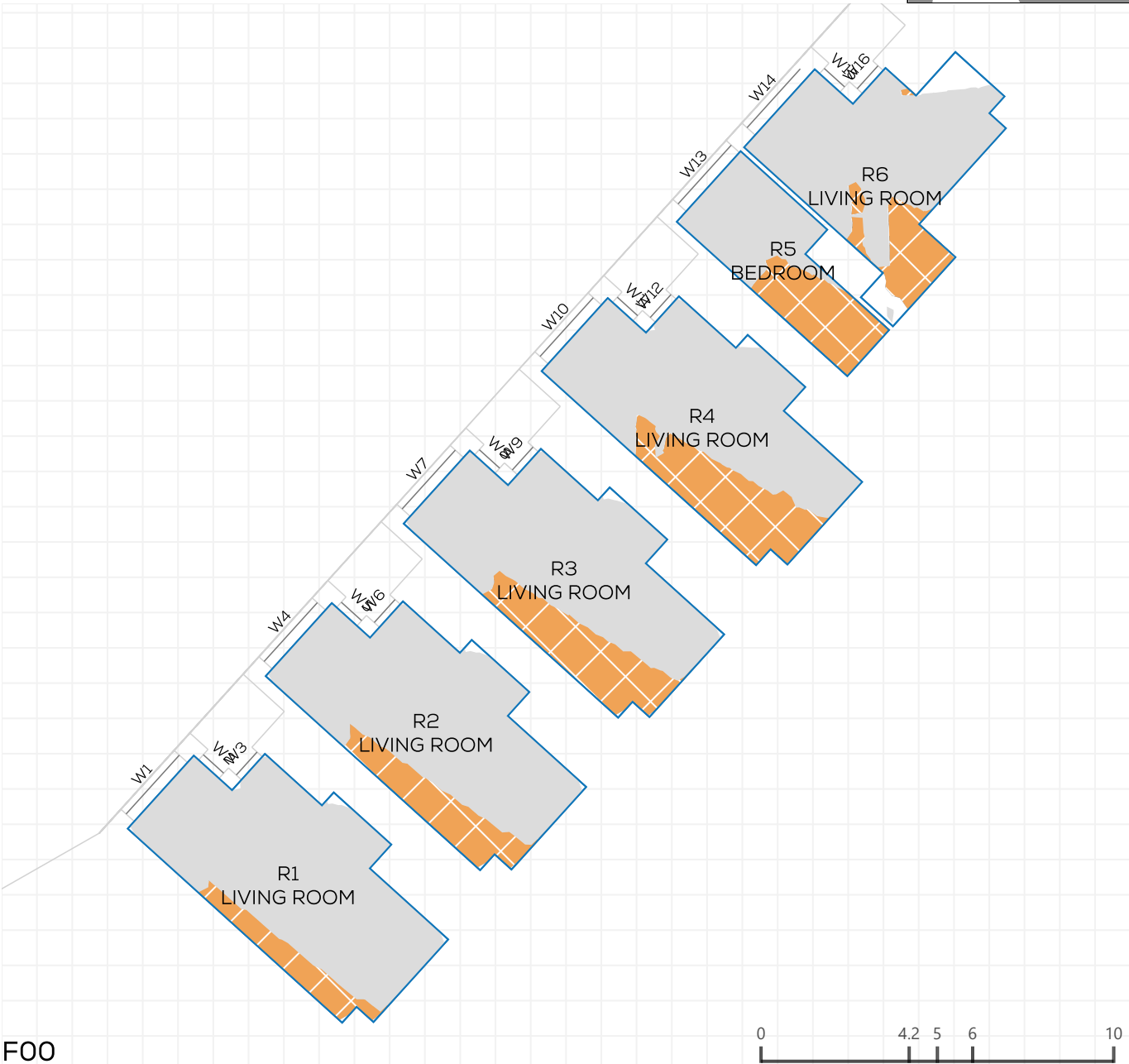
KEY:

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



F00

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
BOTANICA APARTMENTS								
F00	R1	RESIDENTIAL	LIVING ROOM	34.4	99.2	88.9	3.5	10.4
F00	R2	RESIDENTIAL	LIVING ROOM	34.4	99.3	83.4	5.5	16.1
F00	R3	RESIDENTIAL	LIVING ROOM	34.4	99.3	77.7	7.4	21.8
F00	R4	RESIDENTIAL	LIVING ROOM	34.4	99.5	74.7	8.5	24.9
F00	R5	RESIDENTIAL	BEDROOM	14.6	99.9	58.9	6.0	41.1
F00	R6	RESIDENTIAL	LIVING ROOM	27.7	92.8	76.9	4.4	17.2

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: BOTANICA APARTMENTS
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL44

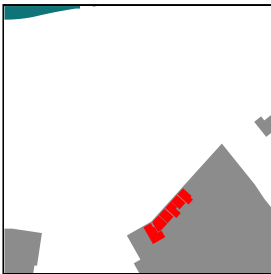
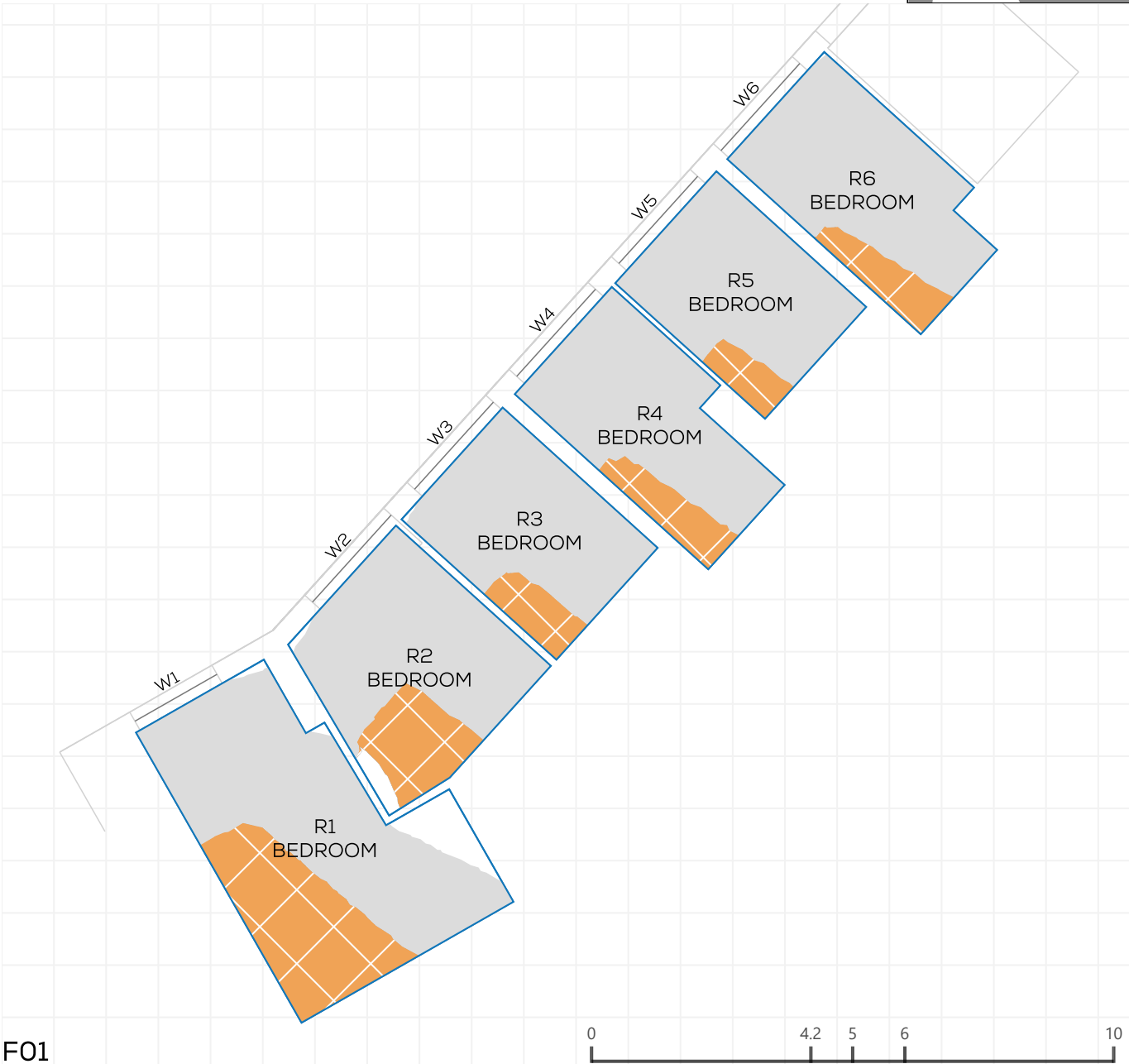
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GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



F01

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
BOTANICA APARTMENTS								
F01	R1	RESIDENTIAL	BEDROOM	23.6	93.7	64.1	7.0	31.6
F01	R2	RESIDENTIAL	BEDROOM	14.5	96.7	75.8	3.0	21.6
F01	R3	RESIDENTIAL	BEDROOM	11.5	99.8	86.6	1.5	13.2
F01	R4	RESIDENTIAL	BEDROOM	12.5	100	84.6	1.9	15.4
F01	R5	RESIDENTIAL	BEDROOM	11.2	100	89.3	1.2	10.7
F01	R6	RESIDENTIAL	BEDROOM	13.2	99.9	85.9	1.8	14

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: BOTANICA APARTMENTS
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL45

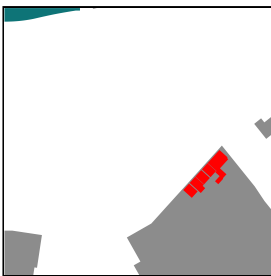
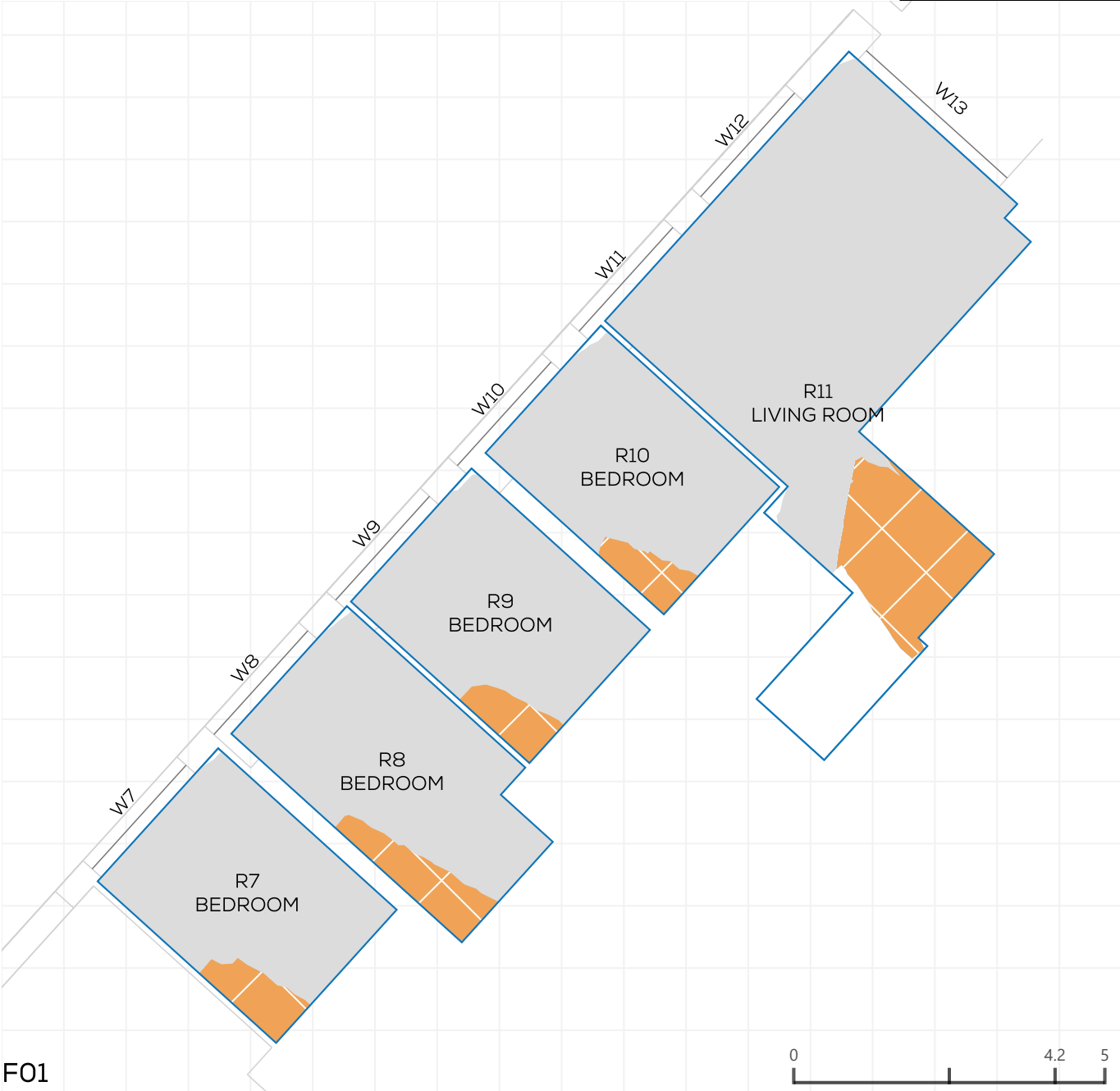
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LOSS

MAINTAINED LIT AREA

1 METRE GRID



F01

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
BOTANICA APARTMENTS								
F01	R7	RESIDENTIAL	BEDROOM	11.2	99.8	90.1	1.1	9.8
F01	R8	RESIDENTIAL	BEDROOM	13.2	99.7	87.4	1.6	12.4
F01	R9	RESIDENTIAL	BEDROOM	11.2	99.7	90.9	1.0	8.8
F01	R10	RESIDENTIAL	BEDROOM	10.7	99.4	91.2	0.9	8.3
F01	R11	RESIDENTIAL	LIVING ROOM	33.8	89.6	76.6	4.4	14.5

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: BOTANICA APARTMENTS
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL46

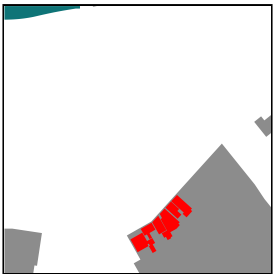
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MAINTAINED LIT AREA

1 METRE GRID



F02

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
BOTANICA APARTMENTS								
F02	R1	RESIDENTIAL	LIVING ROOM	29.4	94.1	89.6	1.3	4.9
F02	R2	RESIDENTIAL	BEDROOM	12.6	97.6	84.4	1.7	13.5
F02	R3	RESIDENTIAL	BEDROOM	14.4	74.6	39.4	5.1	47.2
F02	R4	RESIDENTIAL	LIVING ROOM	35.1	79.4	42.8	12.9	46.1
F02	R5	RESIDENTIAL	BEDROOM	13.5	98.4	61.7	4.9	37.2
F02	R6	RESIDENTIAL	LIVING ROOM	21.5	97.3	69.7	5.9	28.4

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: BOTANICA APARTMENTS
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL47

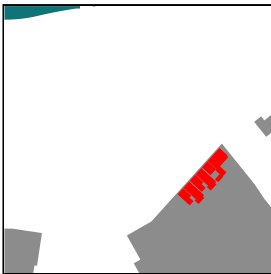
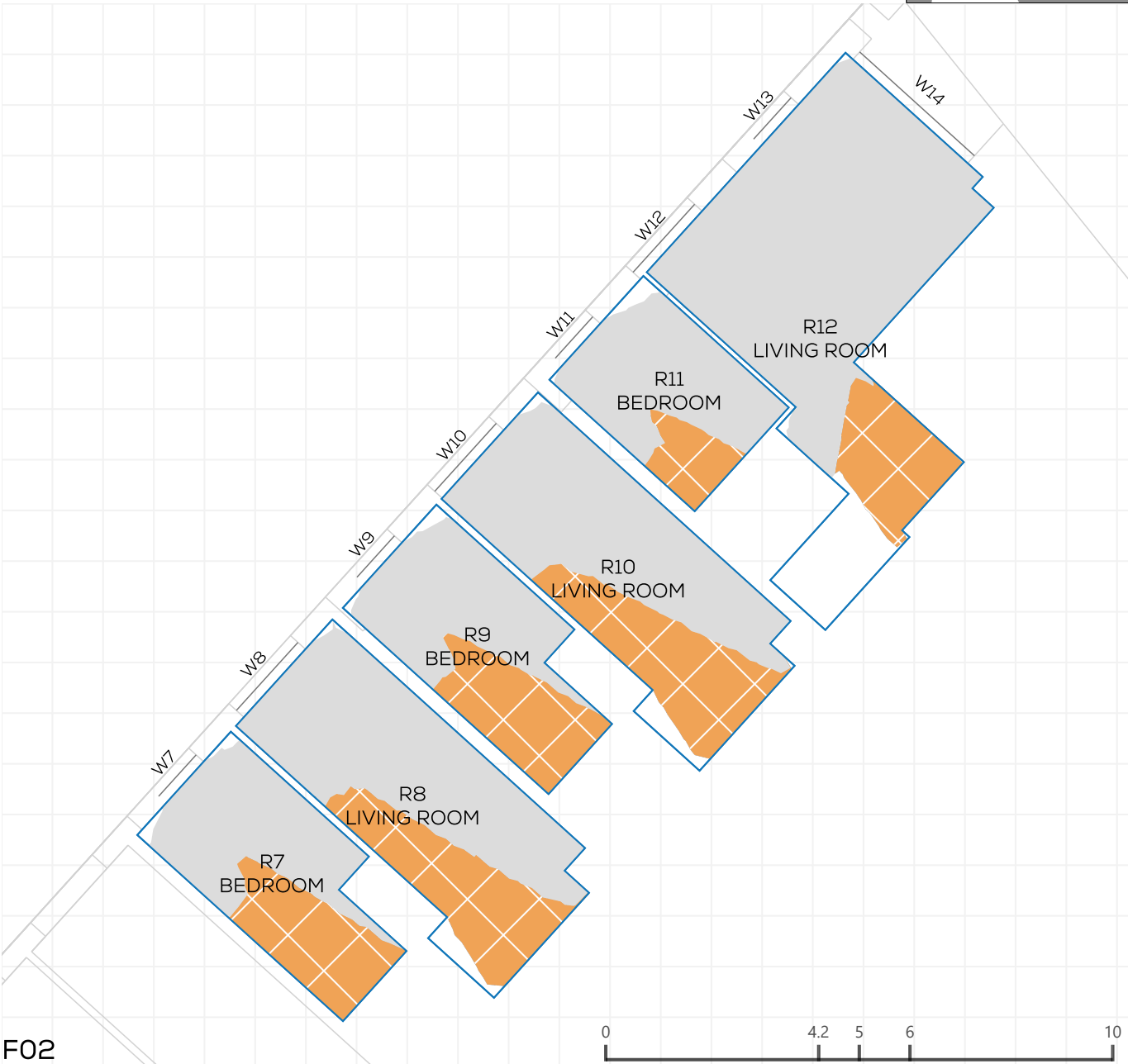
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LOSS

MAINTAINED LIT AREA

1 METRE GRID



F02

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
BOTANICA APARTMENTS								
F02	R7	RESIDENTIAL	BEDROOM	13.5	98.4	61.4	5.0	37.6
F02	R8	RESIDENTIAL	LIVING ROOM	21.5	97.1	67.3	6.4	30.7
F02	R9	RESIDENTIAL	BEDROOM	13.5	98.4	61.3	5.0	37.6
F02	R10	RESIDENTIAL	LIVING ROOM	21.5	96.7	65.6	6.7	32.2
F02	R11	RESIDENTIAL	BEDROOM	10.7	97.3	78.2	2.0	19.7
F02	R12	RESIDENTIAL	LIVING ROOM	33.8	89.7	76.4	4.5	14.8

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: BOTANICA APARTMENTS
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL48

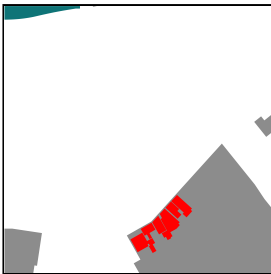
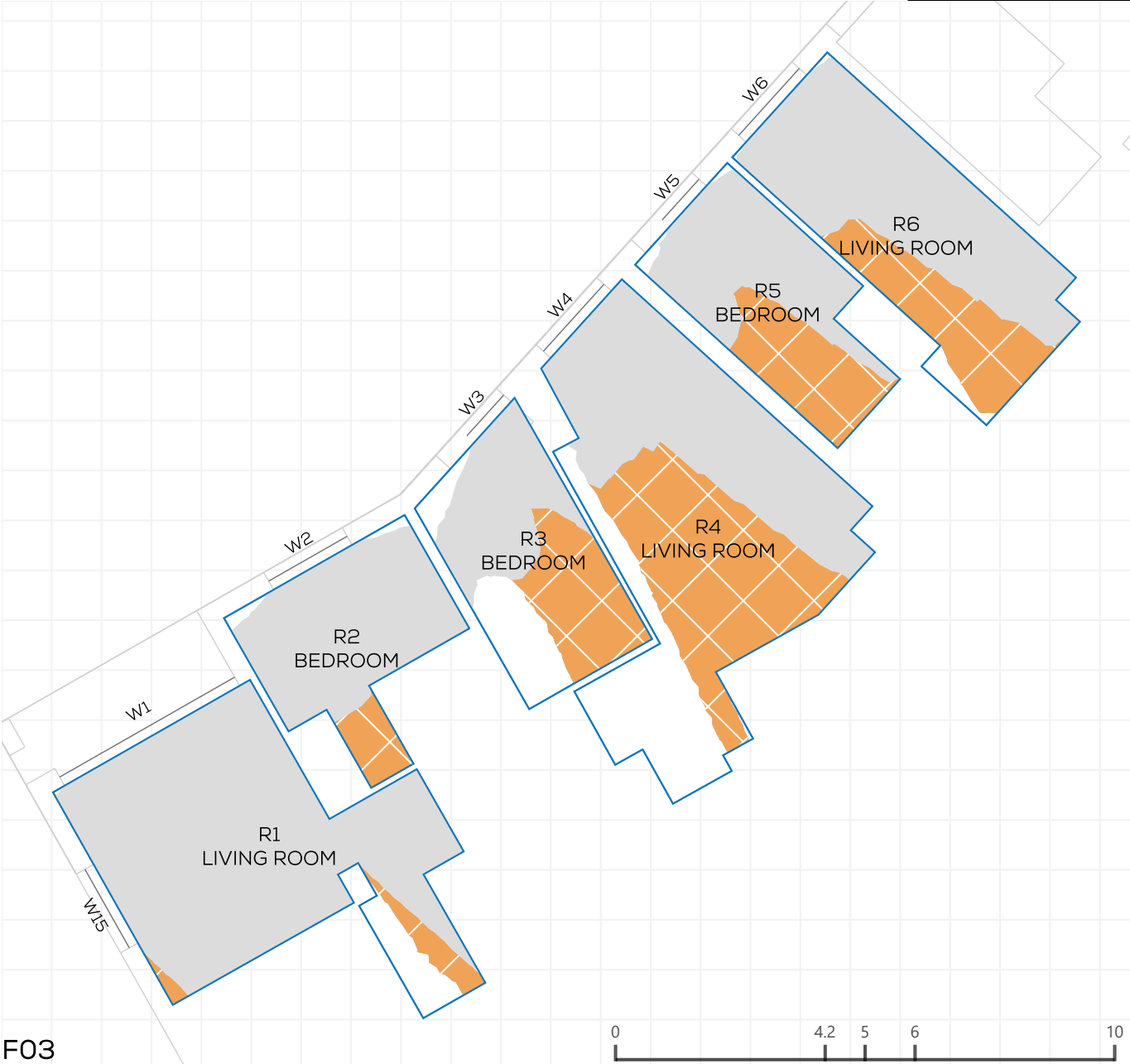
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MAINTAINED LIT AREA

1 METRE GRID



F03

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
BOTANICA APARTMENTS								
F03	R1	RESIDENTIAL	LIVING ROOM	29.4	94.2	89.6	1.3	4.8
F03	R2	RESIDENTIAL	BEDROOM	12.6	97.6	85.8	1.5	12.1
F03	R3	RESIDENTIAL	BEDROOM	14.4	76.4	42.1	4.9	44.9
F03	R4	RESIDENTIAL	LIVING ROOM	35.1	79.8	44	12.6	44.8
F03	R5	RESIDENTIAL	BEDROOM	13.5	98.4	62.6	4.8	36.4
F03	R6	RESIDENTIAL	LIVING ROOM	21.5	97.3	70.2	5.8	27.9

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: BOTANICA APARTMENTS
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL49

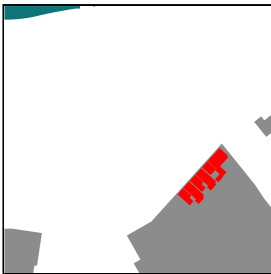
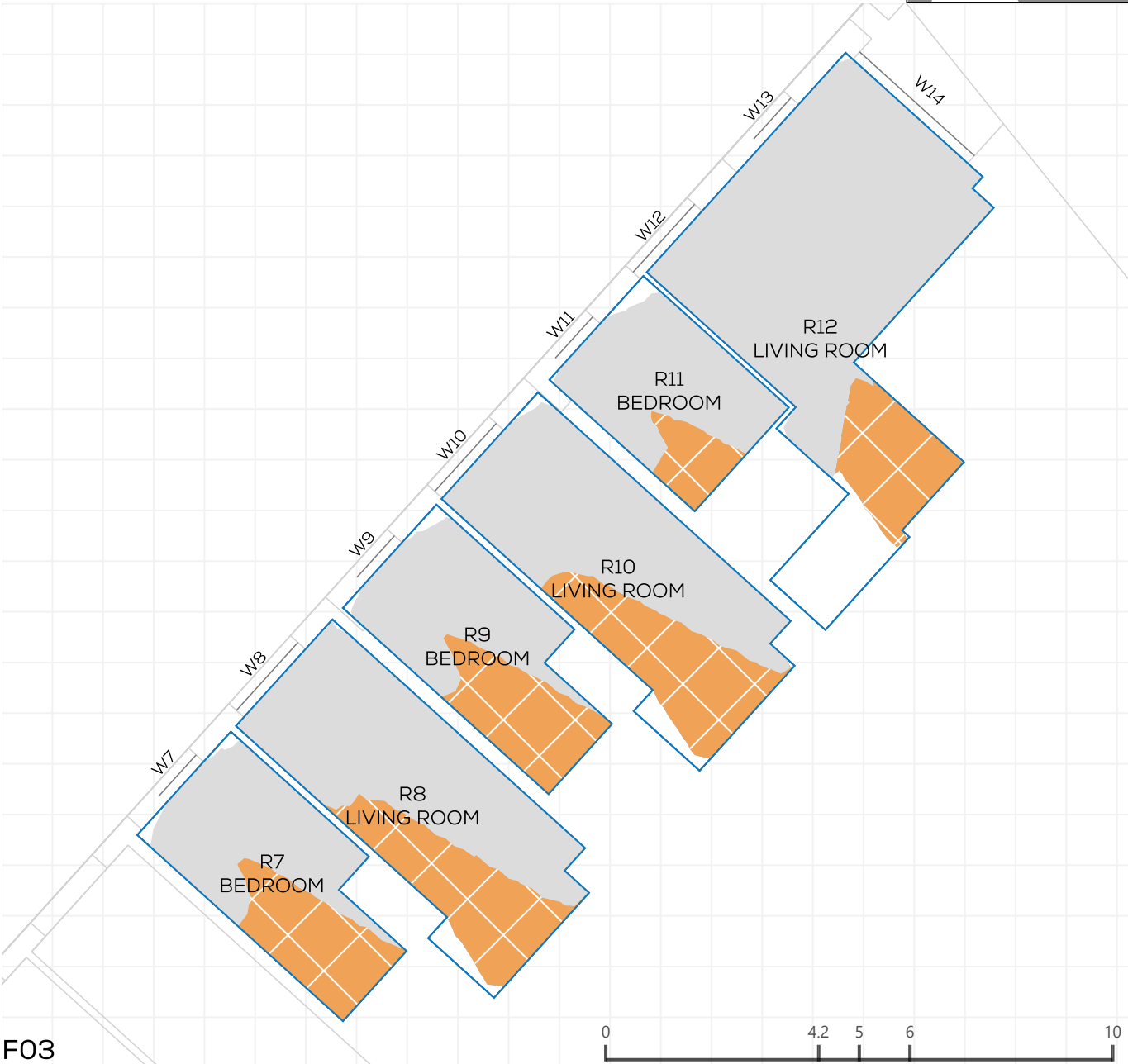
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GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



F03

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
BOTANICA APARTMENTS								
F03	R7	RESIDENTIAL	BEDROOM	13.5	98.4	62.4	4.8	36.6
F03	R8	RESIDENTIAL	LIVING ROOM	21.5	97.2	68.4	6.2	29.6
F03	R9	RESIDENTIAL	BEDROOM	13.5	98.4	62.7	4.8	36.2
F03	R10	RESIDENTIAL	LIVING ROOM	21.5	96.6	66.3	6.5	31.4
F03	R11	RESIDENTIAL	BEDROOM	10.7	97.4	79.4	1.9	18.4
F03	R12	RESIDENTIAL	LIVING ROOM	33.8	89.7	76.5	4.5	14.8

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: BOTANICA APARTMENTS
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL50

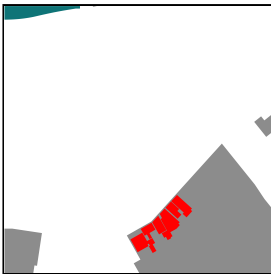
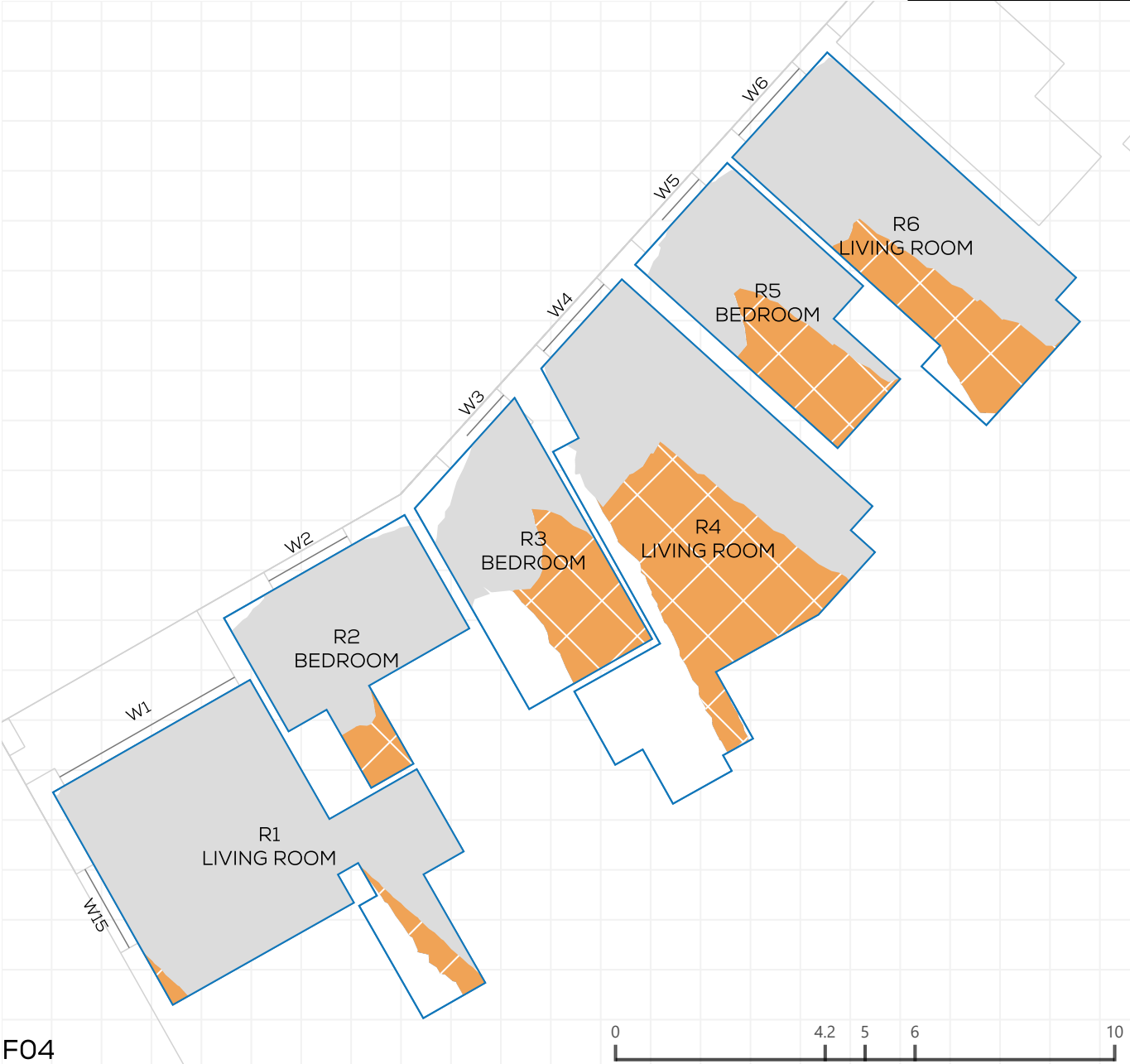
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LOSS

MAINTAINED LIT AREA

1 METRE GRID



F04

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
BOTANICA APARTMENTS								
F04	R1	RESIDENTIAL	LIVING ROOM	29.4	94.2	89.6	1.3	4.8
F04	R2	RESIDENTIAL	BEDROOM	12.6	97.7	88.2	1.2	9.7
F04	R3	RESIDENTIAL	BEDROOM	14.4	79	45.3	4.9	42.6
F04	R4	RESIDENTIAL	LIVING ROOM	35.1	80.3	45.3	12.3	43.6
F04	R5	RESIDENTIAL	BEDROOM	13.5	98.4	63.7	4.7	35.3
F04	R6	RESIDENTIAL	LIVING ROOM	21.5	97.4	71	5.7	27.1

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: BOTANICA APARTMENTS
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL51

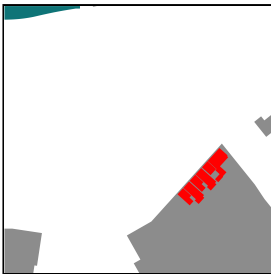
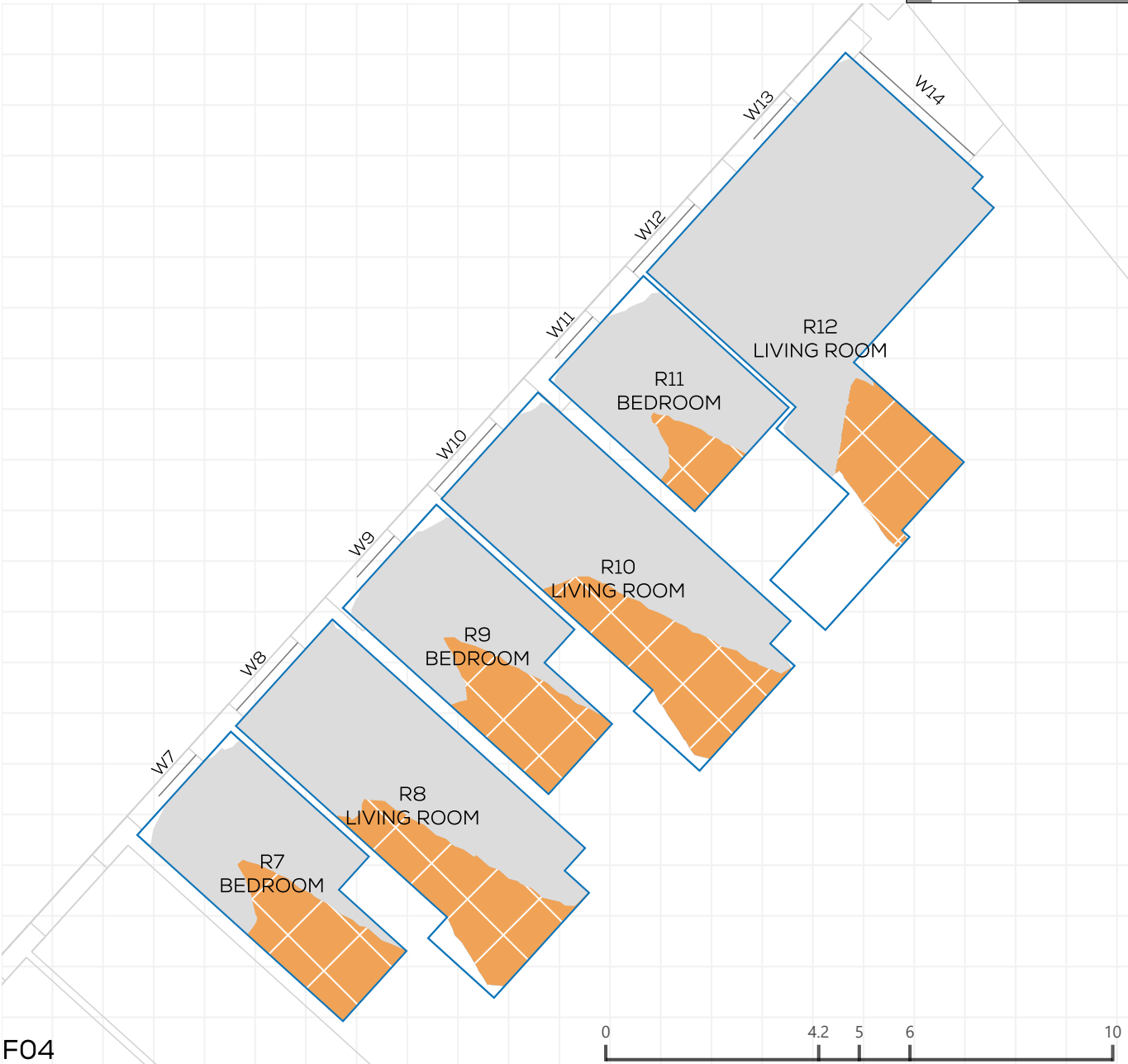
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GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



F04

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
BOTANICA APARTMENTS								
F04	R7	RESIDENTIAL	BEDROOM	13.5	98.4	63.5	4.7	35.5
F04	R8	RESIDENTIAL	LIVING ROOM	21.5	97.3	69.2	6.0	28.9
F04	R9	RESIDENTIAL	BEDROOM	13.5	98.4	63.9	4.6	35.1
F04	R10	RESIDENTIAL	LIVING ROOM	21.5	96.7	66.9	6.4	30.8
F04	R11	RESIDENTIAL	BEDROOM	10.7	97.4	80.6	1.8	17.2
F04	R12	RESIDENTIAL	LIVING ROOM	33.8	89.8	76.5	4.5	14.7

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: BOTANICA APARTMENTS
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL52

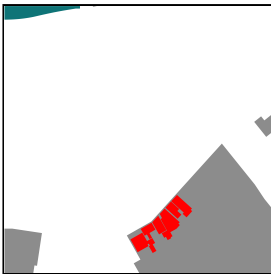
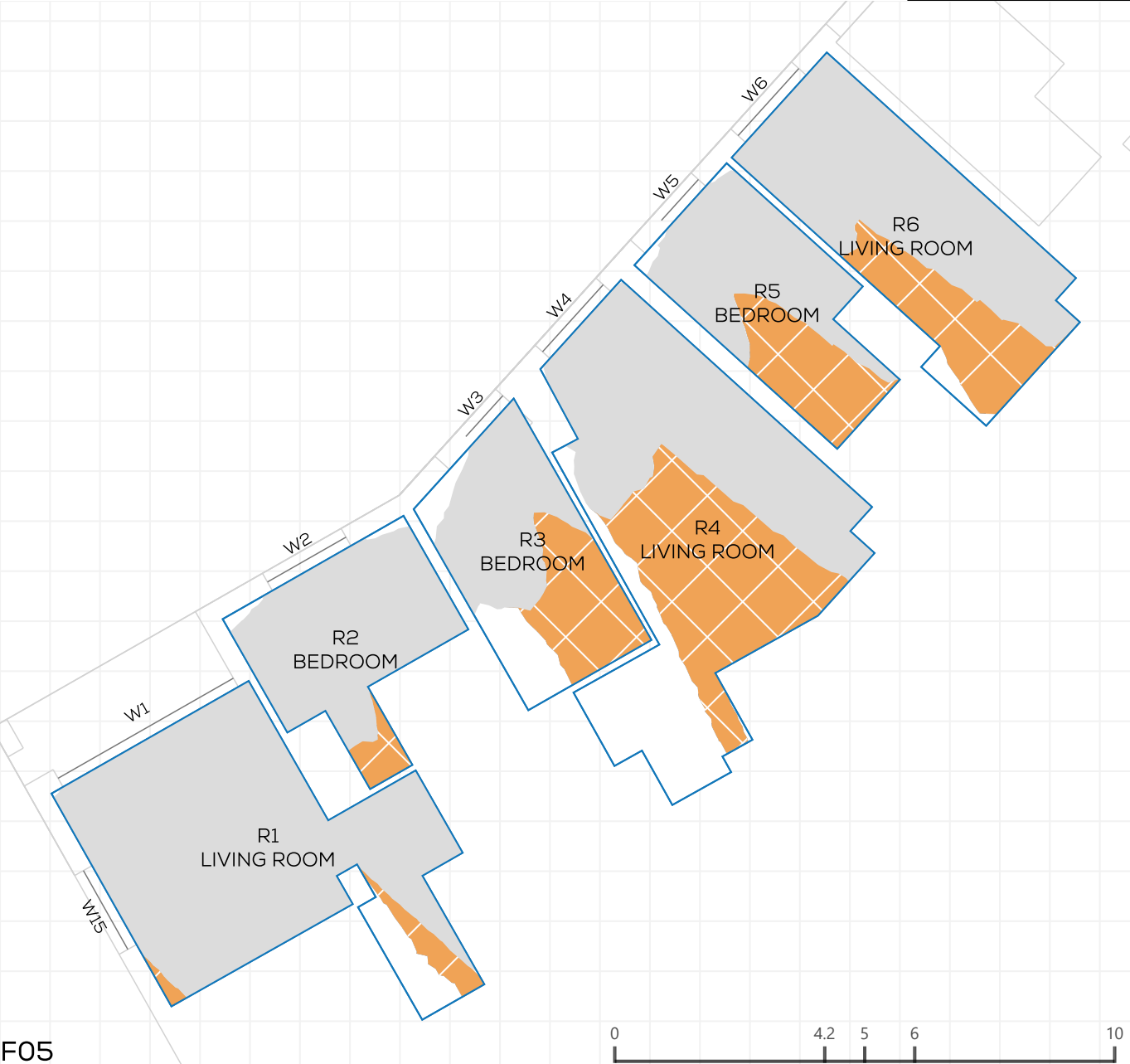
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GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



F05

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
BOTANICA APARTMENTS								
F05	R1	RESIDENTIAL	LIVING ROOM	29.4	94.2	89.7	1.3	4.8
F05	R2	RESIDENTIAL	BEDROOM	12.6	97.7	90.1	1.0	7.8
F05	R3	RESIDENTIAL	BEDROOM	14.4	81.7	49.1	4.7	39.9
F05	R4	RESIDENTIAL	LIVING ROOM	35.1	81	46.9	12.0	42.1
F05	R5	RESIDENTIAL	BEDROOM	13.5	98.4	64.5	4.6	34.4
F05	R6	RESIDENTIAL	LIVING ROOM	21.5	97.6	71.9	5.5	26.3

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: BOTANICA APARTMENTS
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL53

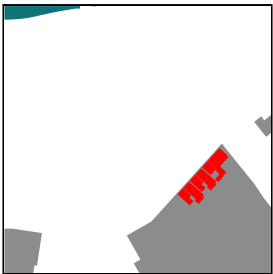
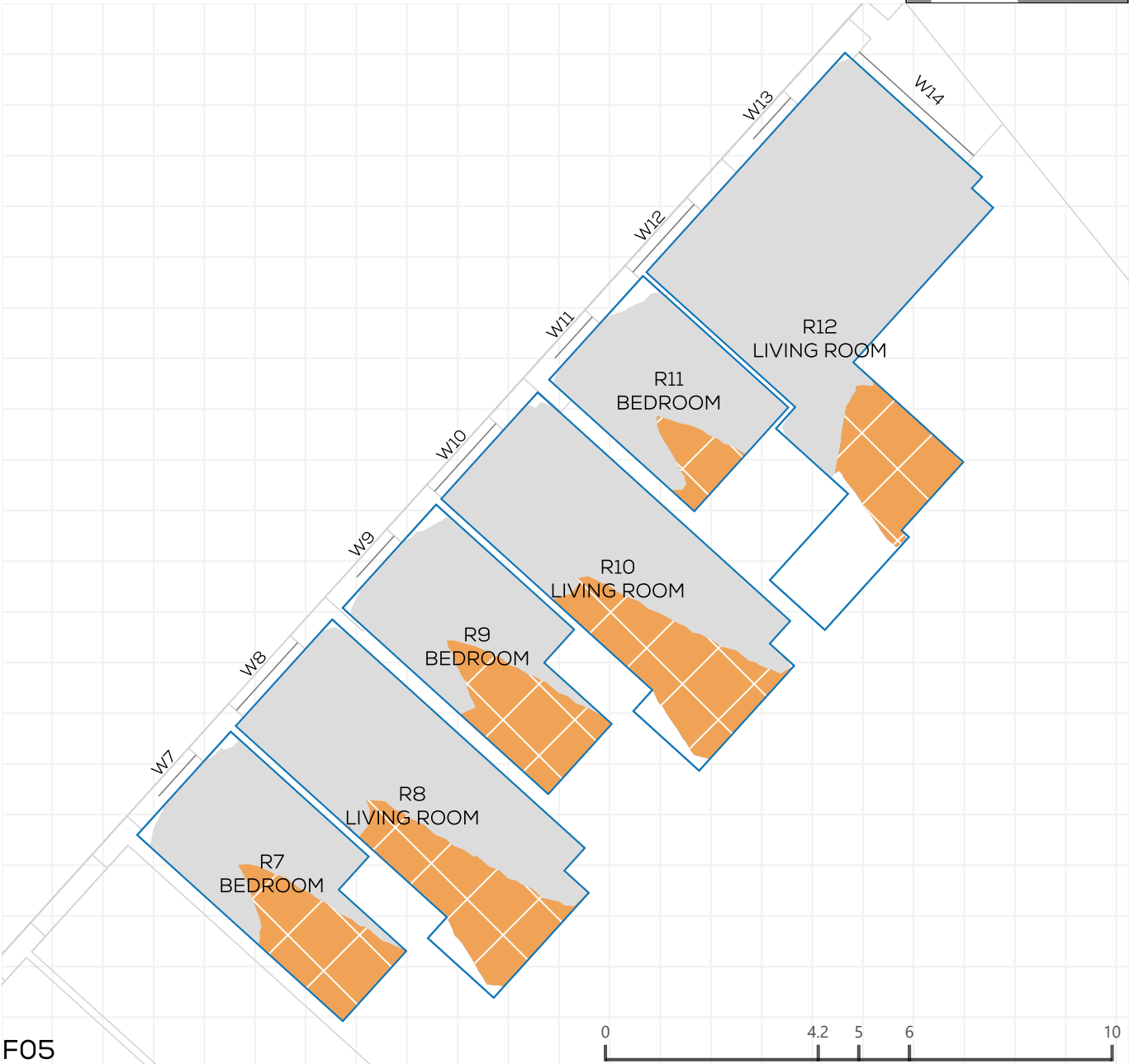
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LOSS

MAINTAINED LIT AREA

1 METRE GRID



F05

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
BOTANICA APARTMENTS								
F05	R7	RESIDENTIAL	BEDROOM	13.5	98.4	64.5	4.6	34.5
F05	R8	RESIDENTIAL	LIVING ROOM	21.5	97.2	70	5.8	28
F05	R9	RESIDENTIAL	BEDROOM	13.5	98.4	64.9	4.5	34
F05	R10	RESIDENTIAL	LIVING ROOM	21.5	96.8	67.8	6.2	29.9
F05	R11	RESIDENTIAL	BEDROOM	10.7	97.4	82.9	1.5	14.8
F05	R12	RESIDENTIAL	LIVING ROOM	33.8	89.8	76.7	4.4	14.5

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: BOTANICA APARTMENTS
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL54

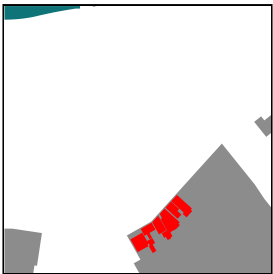
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GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



F06

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
BOTANICA APARTMENTS								
F06	R1	RESIDENTIAL	LIVING ROOM	29.4	94.2	89.9	1.2	4.5
F06	R2	RESIDENTIAL	BEDROOM	12.6	97.9	92.7	0.7	5.3
F06	R3	RESIDENTIAL	BEDROOM	14.4	98	69.9	4.1	28.7
F06	R4	RESIDENTIAL	LIVING ROOM	35.1	82.1	49	11.6	40.3
F06	R5	RESIDENTIAL	BEDROOM	13.5	99.7	84.7	2.0	15.1
F06	R6	RESIDENTIAL	LIVING ROOM	21.5	97.6	72.2	5.4	26

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: BOTANICA APARTMENTS
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL55

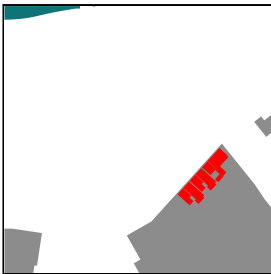
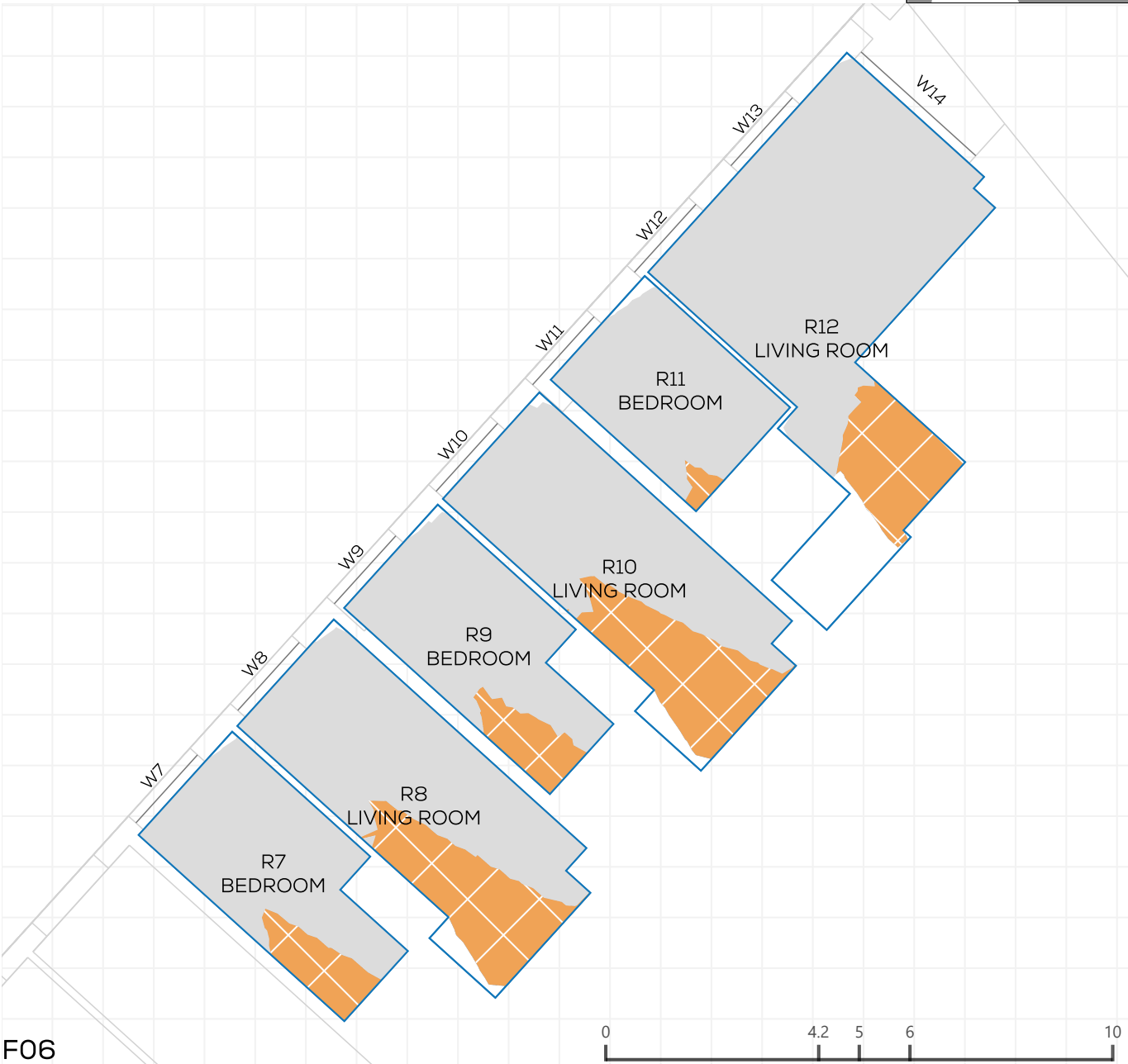
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LOSS

MAINTAINED LIT AREA

1 METRE GRID



F06

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
BOTANICA APARTMENTS								
F06	R7	RESIDENTIAL	BEDROOM	13.5	99.6	83.8	2.1	15.8
F06	R8	RESIDENTIAL	LIVING ROOM	21.5	97.1	70.3	5.7	27.6
F06	R9	RESIDENTIAL	BEDROOM	13.5	99.3	84.5	2.0	14.9
F06	R10	RESIDENTIAL	LIVING ROOM	21.5	96.9	69	6.0	28.8
F06	R11	RESIDENTIAL	BEDROOM	10.7	98.5	94.9	0.4	3.6
F06	R12	RESIDENTIAL	LIVING ROOM	33.8	89.8	77	4.3	14.3

NSL CONTOURS



PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: BOTANICA APARTMENTS
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL56

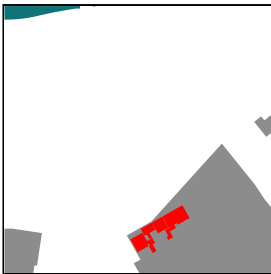
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LOSS

MAINTAINED LIT AREA

1 METRE GRID



FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
BOTANICA APARTMENTS								
F07	R1	RESIDENTIAL	LIVING ROOM	29.4	94.2	90.2	1.2	4.2
F07	R2	RESIDENTIAL	BEDROOM	12.6	98	94.4	0.5	3.7
F07	R3	RESIDENTIAL	BEDROOM	16.3	96.2	92.1	0.7	4.2
F07	R4	RESIDENTIAL	LIVING ROOM	43.2	92.1	89.5	1.1	2.8
F08	R1	RESIDENTIAL	LIVING ROOM	29.4	94.2	90.4	1.1	4
F08	R2	RESIDENTIAL	BEDROOM	12.6	98	94.5	0.4	3.6
F08	R3	RESIDENTIAL	BEDROOM	16.3	97.1	93	0.7	4.2
F08	R4	RESIDENTIAL	LIVING ROOM	34.7	90.3	87	1.1	3.6

NSL CONTOURS



PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: BOTANICA APARTMENTS
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL57

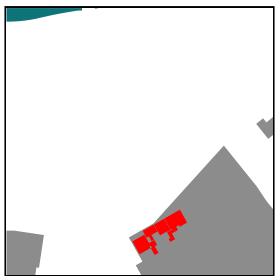
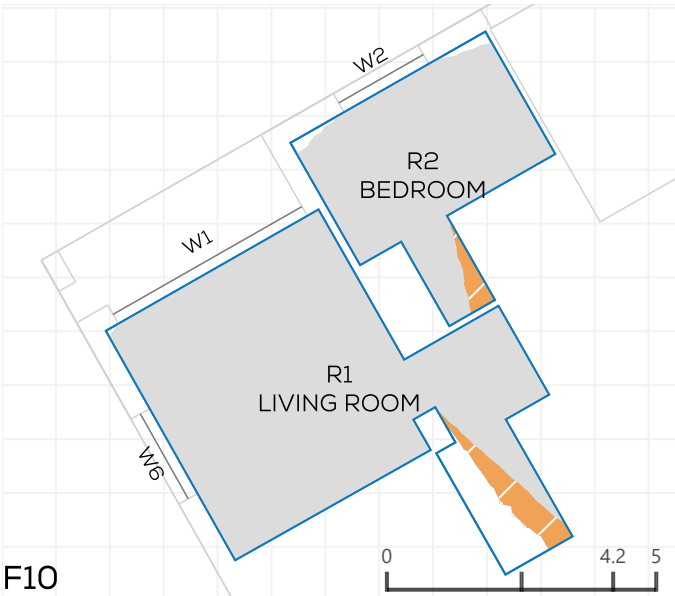
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GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
BOTANICA APARTMENTS								
F09	R1	RESIDENTIAL	LIVING ROOM	29.4	94.2	90.4	1.1	4
F09	R2	RESIDENTIAL	BEDROOM	12.6	98	94.6	0.4	3.5
F09	R3	RESIDENTIAL	BEDROOM	16.3	97.1	93.5	0.6	3.7
F09	R4	RESIDENTIAL	LIVING ROOM	34.7	90.5	87.8	0.9	2.9
F10	R1	RESIDENTIAL	LIVING ROOM	29.4	94.2	90.4	1.1	4
F10	R2	RESIDENTIAL	BEDROOM	12.6	98	94.7	0.4	3.4
F10	R3	RESIDENTIAL	BEDROOM	16.3	97.1	94.1	0.5	3.1
F10	R4	RESIDENTIAL	LIVING ROOM	34.7	90.5	88	0.9	2.8

NSL CONTOURS



PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: BOTANICA APARTMENTS
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL58

KEY:

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
BOTANICA APARTMENTS								
F11	R1	RESIDENTIAL	LIVING ROOM	29.4	94.2	90.4	1.1	4
F11	R2	RESIDENTIAL	BEDROOM	12.6	98	94.8	0.4	3.2
F11	R3	RESIDENTIAL	BEDROOM	16.3	97.1	94.3	0.4	2.8
F11	R4	RESIDENTIAL	LIVING ROOM	34.7	90.5	88.2	0.8	2.6
F12	R1	RESIDENTIAL	LIVING ROOM	29.4	94.2	90.4	1.1	4
F12	R2	RESIDENTIAL	BEDROOM	12.6	98	95.2	0.4	2.9
F12	R3	RESIDENTIAL	BEDROOM	16.3	97.1	94.9	0.4	2.2
F12	R4	RESIDENTIAL	LIVING ROOM	34.7	90.5	88.2	0.8	2.6

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: BOTANICA APARTMENTS
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL59

KEY:

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
BOTANICA APARTMENTS								
F13	R1	RESIDENTIAL	LIVING ROOM	29.4	94.2	90.5	1.1	3.9
F13	R2	RESIDENTIAL	BEDROOM	12.6	98	95.6	0.3	2.4
F13	R3	RESIDENTIAL	BEDROOM	16.3	97.1	95.9	0.2	1.3
F13	R4	RESIDENTIAL	LIVING ROOM	34.7	90.6	88.2	0.8	2.6
F14	R1	RESIDENTIAL	LIVING ROOM	29.4	94.2	90.6	1.0	3.7
F14	R2	RESIDENTIAL	BEDROOM	12.6	98	96.5	0.2	1.6
F14	R3	RESIDENTIAL	BEDROOM	16.3	97.1	96.9	0.0	0.2
F14	R4	RESIDENTIAL	LIVING ROOM	34.7	90.6	88.2	0.8	2.6

NSL CONTOURS



PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: BOTANICA APARTMENTS
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL60

KEY:

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
BOTANICA APARTMENTS								
F15	R1	RESIDENTIAL	LIVING ROOM	29.4	94.2	90.9	1.0	3.4
F15	R2	RESIDENTIAL	BEDROOM	12.6	98	96.8	0.2	1.2
F15	R3	RESIDENTIAL	BEDROOM	16.3	97.1	97.1	0.0	0
F15	R4	RESIDENTIAL	LIVING ROOM	34.7	90.6	88.2	0.8	2.6
F16	R1	RESIDENTIAL	LIVING ROOM	29.4	94.2	91.5	0.8	2.8
F16	R2	RESIDENTIAL	BEDROOM	12.6	98	97.8	0.0	0.2
F16	R3	RESIDENTIAL	BEDROOM	16.3	97.1	97.1	0.0	0
F16	R4	RESIDENTIAL	LIVING ROOM	34.7	90.6	88.4	0.8	2.4

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: BOTANICA APARTMENTS
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL61

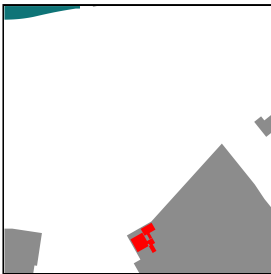
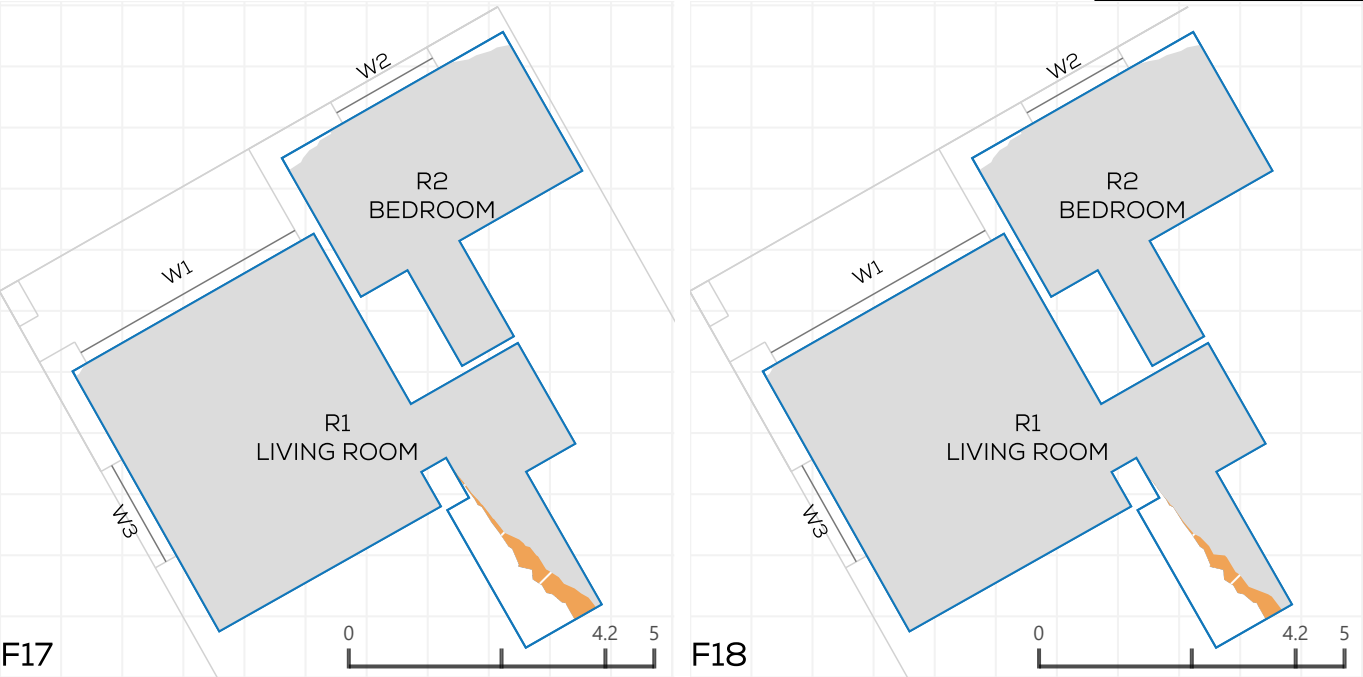
KEY:

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
BOTANICA APARTMENTS								
F17	R1	RESIDENTIAL	LIVING ROOM	29.4	94.2	92.2	0.6	2.1
F17	R2	RESIDENTIAL	BEDROOM	12.6	98	98	0.0	0
F18	R1	RESIDENTIAL	LIVING ROOM	29.4	94.2	92.7	0.4	1.5
F18	R2	RESIDENTIAL	BEDROOM	12.6	98	98	0.0	0

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX BUILDING 1
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL62

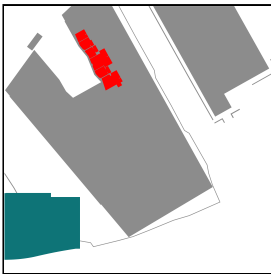
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GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



F11

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX BUILDING 1								
F11	R1	RESIDENTIAL	BEDROOM	10.4	65.8	63.8	0.2	3
F11	R2	RESIDENTIAL	BEDROOM	12.5	40.2	38.4	0.2	4.5
F11	R3	RESIDENTIAL	BEDROOM	11.0	22.2	20.9	0.1	5.7
F11	R4	RESIDENTIAL	LKD	29.4	53.5	53.5	0.0	0
F11	R5	RESIDENTIAL	BEDROOM	13.4	36.5	36.5	0.0	0
F11	R6	RESIDENTIAL	LKD	26.7	21	20.8	0.1	1.2

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX BUILDING 1
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL63

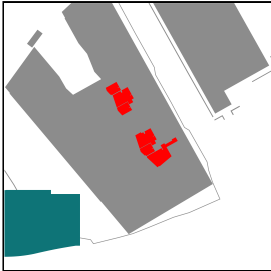
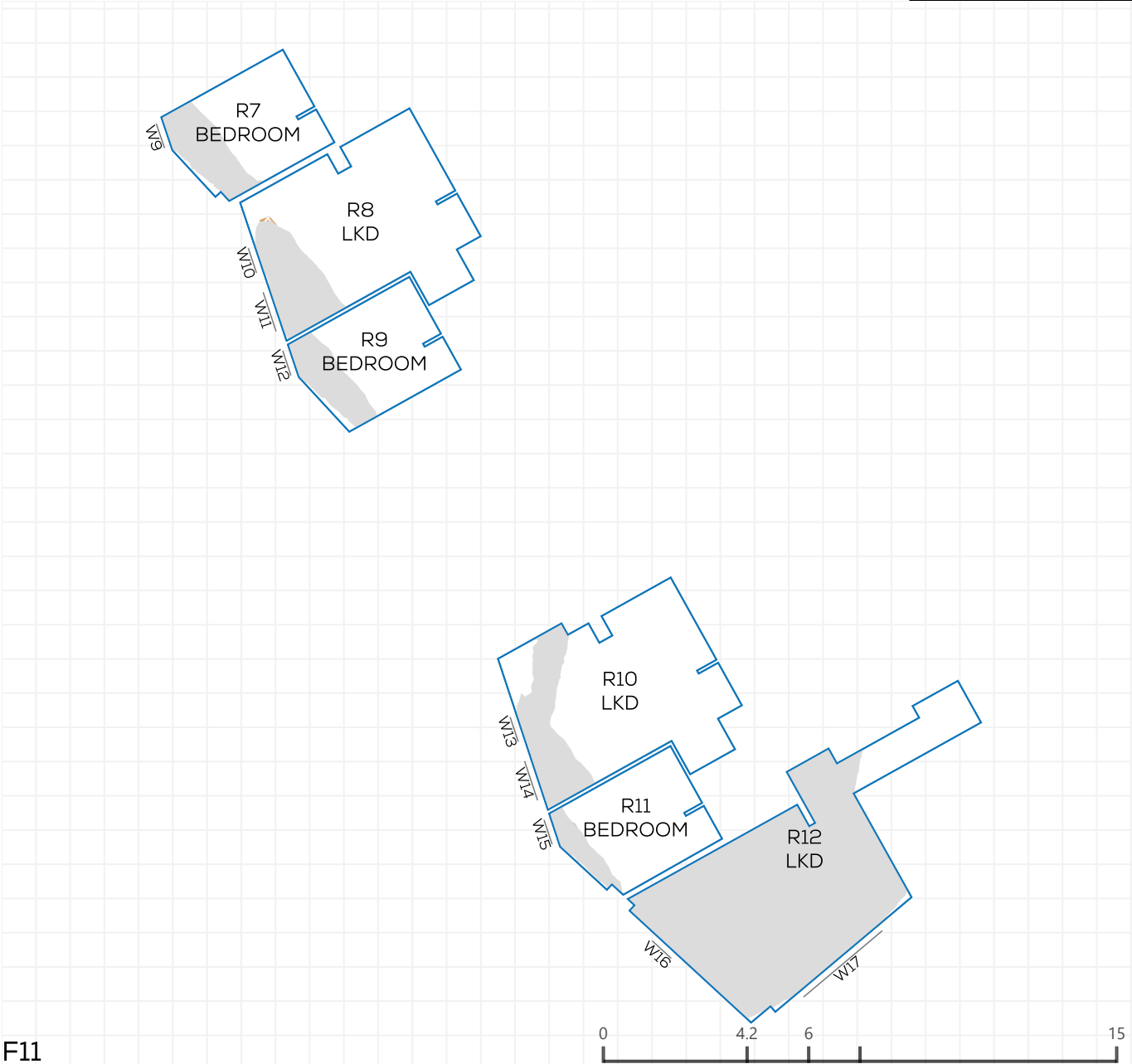
KEY:

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



F11

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX BUILDING 1								
F11	R7	RESIDENTIAL	BEDROOM	12.4	29.1	29.1	0.0	0
F11	R8	RESIDENTIAL	LKD	26.7	17.8	17.6	0.0	0.8
F11	R9	RESIDENTIAL	BEDROOM	12.5	24.2	24.2	0.0	0
F11	R10	RESIDENTIAL	LKD	27.5	19.6	19.6	0.0	0
F11	R11	RESIDENTIAL	BEDROOM	12.3	12.9	12.9	0.0	-0.1
F11	R12	RESIDENTIAL	LKD	36.6	87.3	87.3	0.0	0

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX BUILDING 1
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL64

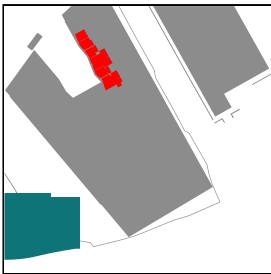
KEY:

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



F12

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX BUILDING 1								
F12	R1	RESIDENTIAL	BEDROOM	10.4	76.5	72.4	0.4	5.4
F12	R2	RESIDENTIAL	BEDROOM	12.5	54.8	48.2	0.8	12.1
F12	R3	RESIDENTIAL	BEDROOM	11.0	41.4	33.5	0.9	19.3
F12	R4	RESIDENTIAL	LKD	29.4	57.7	57.7	0.0	0
F12	R5	RESIDENTIAL	BEDROOM	13.4	47	47	0.0	0
F12	R6	RESIDENTIAL	LKD	26.7	31	29	0.5	6.6

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX BUILDING 1
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL65

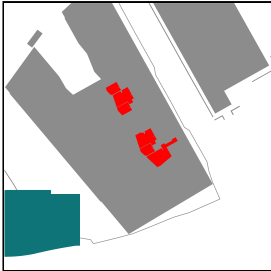
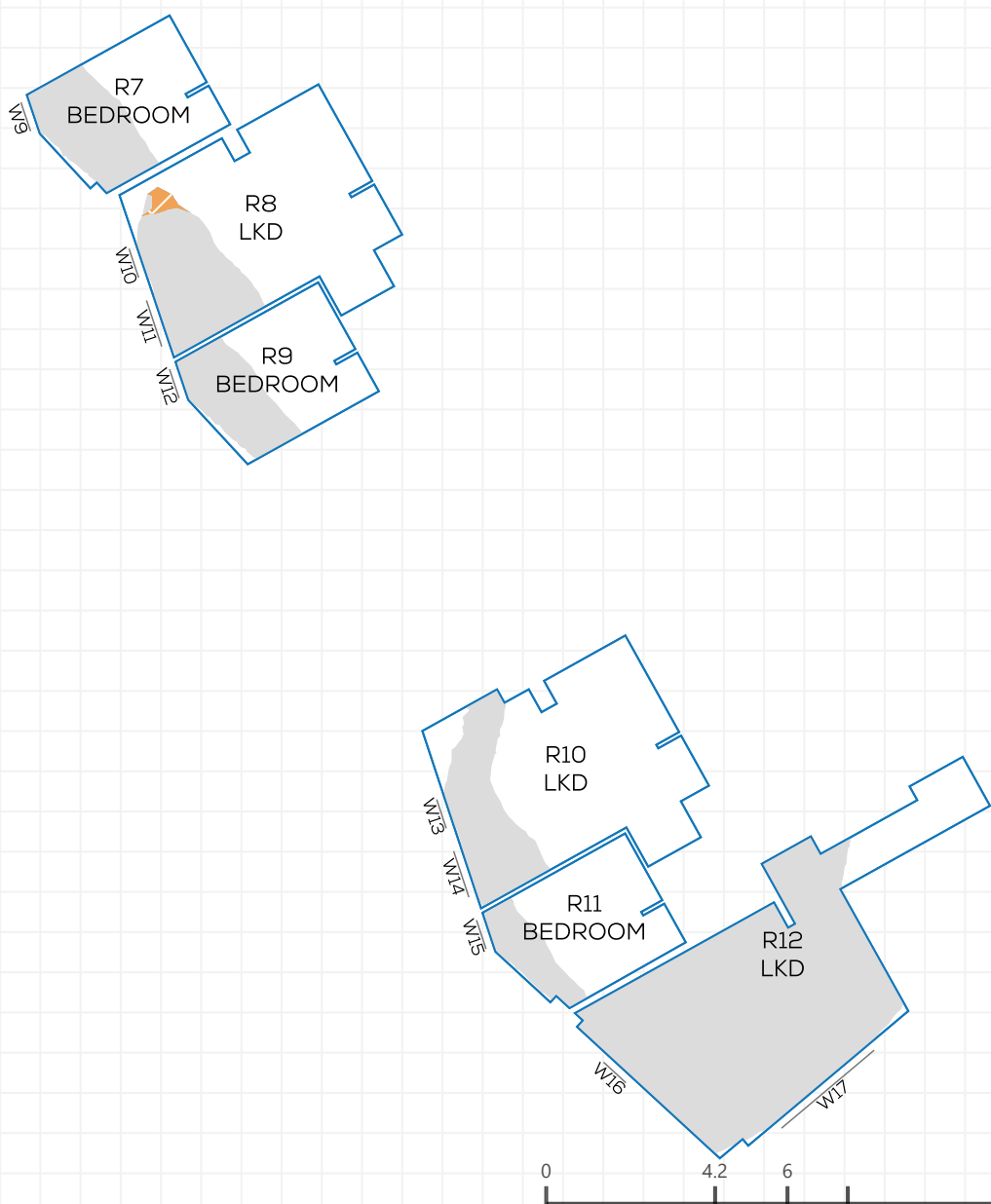
KEY:

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



F12



FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX BUILDING 1								
F12	R7	RESIDENTIAL	BEDROOM	12.4	44.2	44.2	0.0	0
F12	R8	RESIDENTIAL	LKD	26.7	26.8	25.5	0.3	4.8
F12	R9	RESIDENTIAL	BEDROOM	12.5	37.3	37.3	0.0	0
F12	R10	RESIDENTIAL	LKD	27.5	24	24	0.0	0
F12	R11	RESIDENTIAL	BEDROOM	12.3	22	22	0.0	0.1
F12	R12	RESIDENTIAL	LKD	36.6	87.3	87.3	0.0	0

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX BUILDING 1
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL66

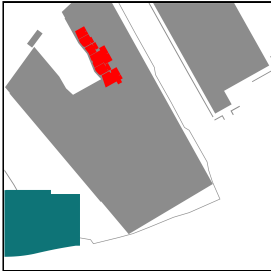
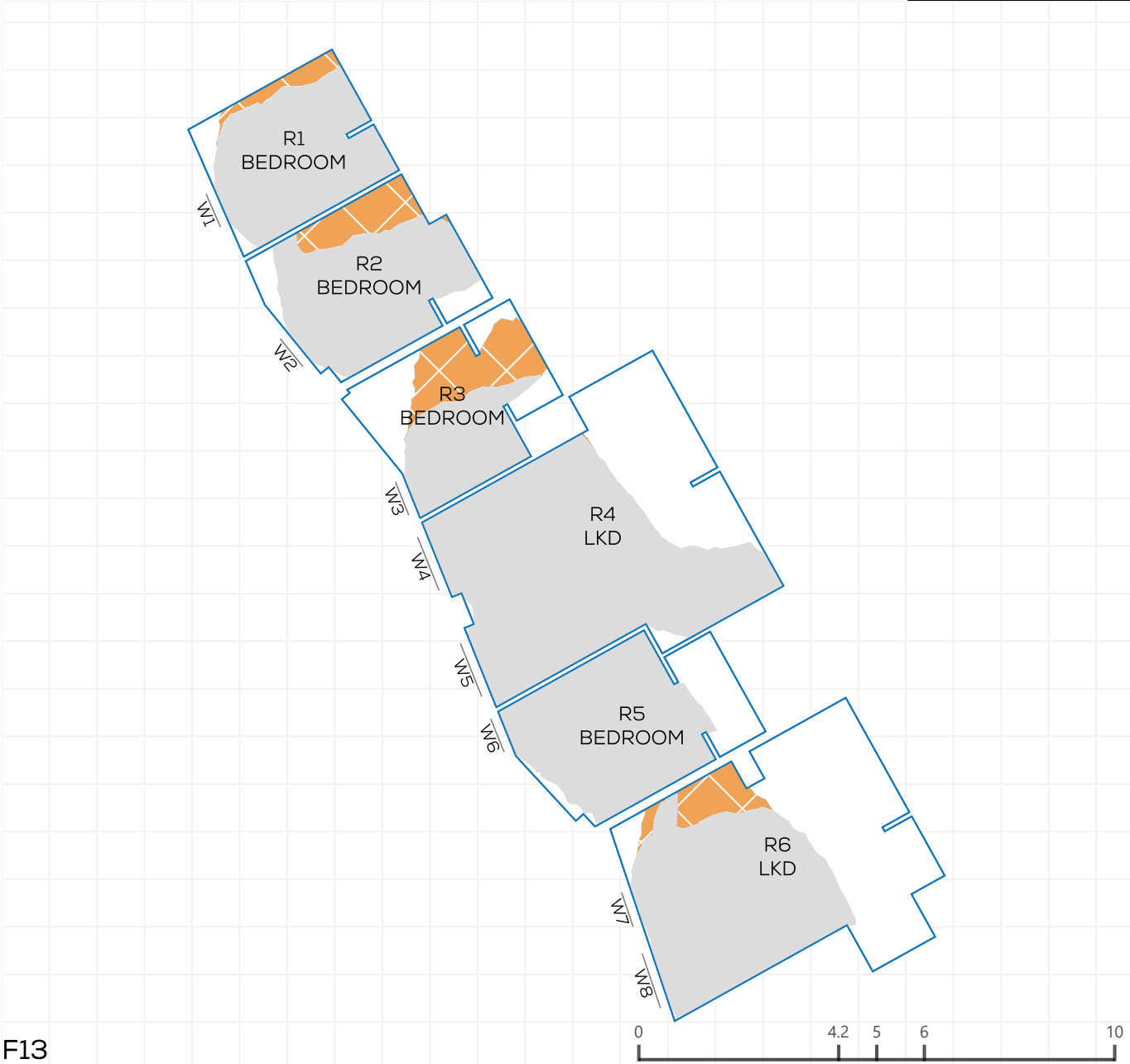
KEY:

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



F13

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX BUILDING 1								
F13	R1	RESIDENTIAL	BEDROOM	10.4	93.8	86	0.8	8.3
F13	R2	RESIDENTIAL	BEDROOM	12.5	90.4	74.6	2.0	17.4
F13	R3	RESIDENTIAL	BEDROOM	11.0	72.3	42.8	3.2	40.8
F13	R4	RESIDENTIAL	LKD	29.4	71.9	71.8	0.0	0
F13	R5	RESIDENTIAL	BEDROOM	13.4	79.4	79.4	0.0	0
F13	R6	RESIDENTIAL	LKD	26.7	56.7	50.7	1.6	10.6

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX BUILDING 1
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL67

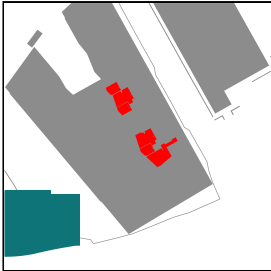
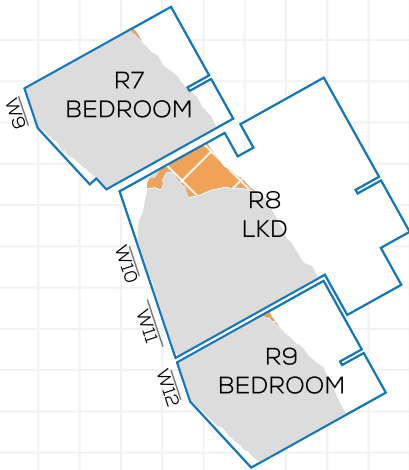
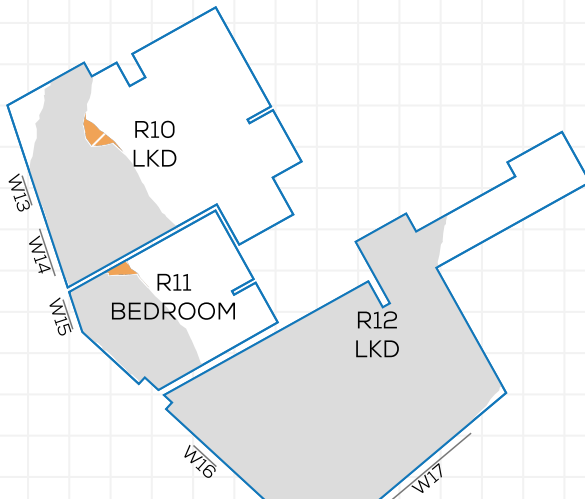
KEY:

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



F13

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX BUILDING 1								
F13	R7	RESIDENTIAL	BEDROOM	12.4	80.6	80.4	0.0	0.2
F13	R8	RESIDENTIAL	LKD	26.7	48.8	43.4	1.5	11.1
F13	R9	RESIDENTIAL	BEDROOM	12.5	68	67.7	0.0	0.5
F13	R10	RESIDENTIAL	LKD	27.5	35.3	34.4	0.3	2.7
F13	R11	RESIDENTIAL	BEDROOM	12.3	43.7	42.5	0.1	2.8
F13	R12	RESIDENTIAL	LKD	36.6	87.3	87.3	0.0	0

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX BUILDING 1
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL68

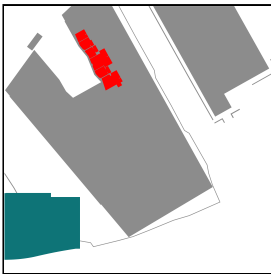
KEY:

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



F14

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX BUILDING 1								
F14	R1	RESIDENTIAL	BEDROOM	10.4	93.8	90	0.4	4.1
F14	R2	RESIDENTIAL	BEDROOM	12.5	90.8	79.3	1.4	12.6
F14	R3	RESIDENTIAL	BEDROOM	11.0	74.1	47.1	3.0	36.4
F14	R4	RESIDENTIAL	LKD	29.4	97.7	94.7	0.9	3.1
F14	R5	RESIDENTIAL	BEDROOM	13.4	90.1	90.1	0.0	0
F14	R6	RESIDENTIAL	LKD	26.7	93.5	79.8	3.7	14.6

PROJECT: 2473 - CORNBROOK, MANCHESTER
REPORT TITLE: EXISTING VS. PROPOSED
ADDRESS: VOX BUILDING 1
DATE: 22/01/2024
SCHEME IR: IR04
DRAWING No.: 2473-REL01-IS01-NSL69

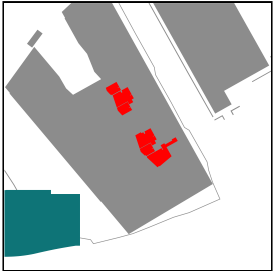
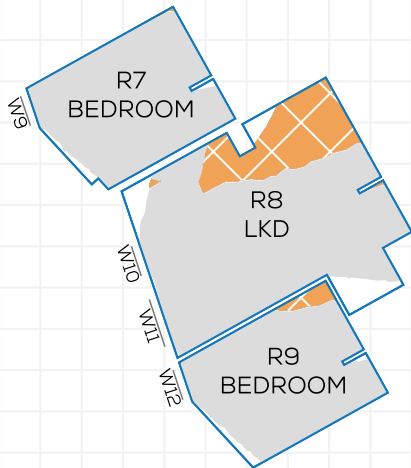
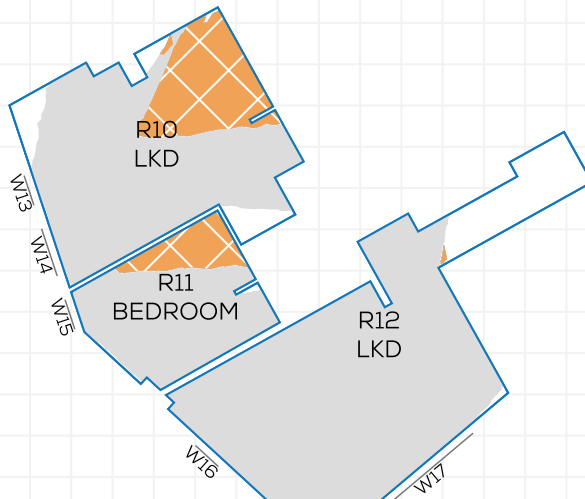
KEY:

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



F14

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
VOX BUILDING 1								
F14	R7	RESIDENTIAL	BEDROOM	12.4	97.8	97.5	0.0	0.3
F14	R8	RESIDENTIAL	LKD	26.7	93.5	74.9	5.0	19.9
F14	R9	RESIDENTIAL	BEDROOM	12.5	97.5	93.6	0.5	4
F14	R10	RESIDENTIAL	LKD	27.5	92.2	69.6	6.2	24.5
F14	R11	RESIDENTIAL	BEDROOM	12.3	98.8	79.4	2.4	19.6
F14	R12	RESIDENTIAL	LKD	36.6	87.4	87.3	0.0	0.1

APPENDIX 04
RESULTS & CONTOURS:

MIRROR MASSING v PROPOSED (RESULTS)

Floor	Room	Property Type	Room Use	Window	SC(Room)					NSL					APSH (Window)						
					EX %	PR %	Loss	Loss %	Meets Criteria	EX %	PR %	Loss SQM	Loss %	Meets Criteria	EX.		PR.		Loss %		Meets Criteria
															Annual	Winter	Annual	Winter	Annual	Winter	
VOX																					
F01	R1	Residential	Bedroom	W1/F01	29.9	29	0.9	3	YES	92.6	92.6	0	0	YES							
	R2	Residential	Bedroom	W2/F01	24.7	24.3	0.4	1.6	YES	95.9	95.9	0	0	YES							
	R3	Residential	Living Room	W3/F01	19.3	18.9	0.4	2.1	YES	86.5	86.2	0.1	0.3	YES	46	22	44	20	4.3	9.1	YES
				W4/F01											21	8	21	8	0	0	
	R4	Residential	Bedroom	W5/F01	1	12.7	-11.7	-1170	YES	0	34.9	-4.5	0	YES							
	R5	Residential	Living Room	W6/F01	0.4	11	-10.6	-2650	YES	0	46.4	-13.6	0	YES	5	1	20	2	0	0	YES
				W7/F01											0	0	13	2	0	0	YES
	R6	Residential	Bedroom	W8/F01	0.1	8.9	-8.8	-8800	YES	0	4.7	-0.6	0	YES							
	R7	Residential	Bedroom	W9/F01	0.6	13.7	-13.1	-2183.3	YES	0	51.3	-6.4	0	YES							
	R8	Residential	Living Room	W10/F01	0.3	13.1	-12.8	-4266.7	YES	0	59.4	-17.3	-611753.4	YES	1	0	14	0	0	0	YES
				W11/F01											0	0	15	0	0	0	YES
	R9	Residential	Bedroom	W12/F01	0.2	12	-11.8	-5900	YES	0	9.3	-11	0	YES							
	R10	Residential	Bedroom	W13/F01	1.2	17.9	-16.7	-1391.7	YES	0	72.3	-9	0	YES							
	R11	Residential	Living Room	W14/F01	1.1	17.4	-16.3	-1481.8	YES	3.7	74.6	-20.6	-1891.9	YES	0	0	18	0	0	0	YES
				W15/F01											0	0	19	1	0	0	YES
	R12	Residential	Bedroom	W16/F01	1.3	16.1	-14.8	-1138.5	YES	0.1	19	-2.3	-24545.4	YES							
	R13	Residential	Bedroom	W17/F01	6.1	23.2	-17.1	-280.3	YES	20.2	89.6	-8.5	-343.9	YES							
	R14	Residential	Living Room	W18/F01	19.6	25.6	-6	-30.6	YES	94.7	95	-0.1	-0.3	YES	10	0	25	3	0	0	YES
				W19/F01																	
F02	R1	Residential	Bedroom	W1/F02	30.7	29.8	0.9	2.9	YES	93.4	93.4	0	0	YES							
	R2	Residential	Bedroom	W2/F02	25.5	25.1	0.4	1.6	YES	96	95.9	0	0	YES							
	R3	Residential	Living Room	W3/F02	20	19.6	0.4	2	YES	86.5	86.2	0.1	0.3	YES	47	23	45	21	4.3	8.7	YES
				W4/F02																	
	R4	Residential	Bedroom	W5/F02	1	13	-12	-1200	YES	0	35	-4.5	0	YES							
	R5	Residential	Living Room	W6/F02	0.4	11.3	-10.9	-2725	YES	0	46.2	-13.6	0	YES	5	1	20	2	0	0	YES
				W7/F02											0	0	13	2	0	0	YES
	R6	Residential	Bedroom	W8/F02	0.1	9.2	-9.1	-9100	YES	0	4.7	-0.6	0	YES							
	R7	Residential	Bedroom	W9/F02	0.6	14	-13.4	-2233.3	YES	0	51.4	-6.4	0	YES							
	R8	Residential	Living Room	W10/F02	0.3	13.5	-13.2	-4400	YES	0	59.5	-17.3	-613160.8	YES	1	0	14	0	0	0	YES
				W11/F02											0	0	15	0	0	0	YES
	R9	Residential	Bedroom	W12/F02	0.2	12.3	-12.1	-6050	YES	0	9.3	-11	0	YES							
	R10	Residential	Bedroom	W13/F02	1.2	18.3	-17.1	-1425	YES	0	72.6	-9.1	0	YES							
	R11	Residential	Living Room	W14/F02	1.1	17.8	-16.7	-1518.2	YES	3.8	74.6	-20.6	-1842.8	YES	0	0	18	0	0	0	YES
				W15/F02											0	0	19	1	0	0	YES
	R12	Residential	Bedroom	W16/F02	1.3	16.5	-15.2	-1169.2	YES	0.1	19	-2.3	-24549.4	YES							
	R13	Residential	Bedroom	W17/F02	6.2	23.6	-17.4	-280.6	YES	20.1	89.7	-8.5	-345.8	YES							
	R14	Residential	Living Room	W18/F02	20	26	-6	-30	YES	94.8	95.1	-0.1	-0.3	YES	10	0	25	3	0	0	YES
				W19/F02											18	1	21	4	0	0	
F03	R1	Residential	Bedroom	W1/F03	31.4	30.5	0.9	2.9	YES	93.9	93.9	0	0	YES							
	R2	Residential	Bedroom	W2/F03	26.2	25.7	0.5	1.9	YES	96.1	96.1	0	0	YES							
	R3	Residential	Living Room	W3/F03	20.6	20.2	0.4	1.9	YES	86.6	86.3	0.1	0.3	YES	49	24	47	22	4.1	8.3	YES
				W4/F03											21	8	21	8	0	0	
	R4	Residential	Bedroom	W5/F03	1.1	13.1	-12	-1090.9	YES	0	35	-4.5	0	YES							
	R5	Residential	Living Room	W6/F03	0.5	11.4	-10.9	-2180	YES	0	46.4	-13.6	0	YES	5	1	20	2	0	0	YES
				W7/F03											0	0	13	2	0	0	YES
	R6	Residential	Bedroom	W8/F03	0.1	9.4	-9.3	-9300	YES	0	4.7	-0.6	0	YES							
	R7	Residential	Bedroom	W9/F03	0.7	14.1	-13.4	-1914.3	YES	0	51.6	-6.4	0	YES							
	R8	Residential	Living Room	W10/F03	0.3	13.6	-13.3	-4433.3	YES	0	59.5	-17.3	-613202.8	YES	1	0	14	0	0	0	YES
				W11/F03											0	0	15	0	0	0	YES
	R9	Residential	Bedroom	W12/F03	0.2	12.4	-12.2	-6100	YES	0	9.4	-11	0	YES							
	R10	Residential	Bedroom	W13/F03	1.2	18.5	-17.3	-1441.7	YES	0	72.6	-9.1	0	YES							
	R11	Residential	Living Room	W14/F03	1.1	18	-16.9	-1536.4	YES	3.8	74.6	-20.7	-1879.9	YES	0	0	18	0	0	0	YES
				W15/F03											0	0	19	1	0	0	YES
	R12	Residential	Bedroom	W16/F03	1.3	16.7	-15.4	-1184.6	YES	0.1	19	-2.3	-24562.5	YES							
	R13	Residential	Bedroom	W17/F03	6.2	23.8	-17.6	-283.9	YES	20.1	89.8	-8.5	-346.1	YES							
	R14	Residential	Living Room	W18/F03	20	26.2	-6.2	-31	YES	94.7	95	-0.1	-0.3	YES	10	0	25	3	0	0	YES
				W19/F03																	
F04	R1	Residential	Bedroom	W1/F04	31.9	31	0.9	2.8	YES	94.3	94.3	0	0	YES							
	R2	Residential	Bedroom	W2/F04	26.7	26.2	0.5	1.9	YES	96.3	96.3	0	0	YES							
	R3	Residential	Living Room	W3/F04	21	20.6	0.4	1.9	YES	86.6	86.3	0.1	0.3	YES	49	24	47	22	4.1	8.3	YES
				W4/F04																	
	R4	Residential	Bedroom	W5/F04	1.2	13.2	-12		YES	0	35.1	-4.5	0	YES							
	R5	Residential	Living Room	W6/F04	0.5	11.5	-11	-2200	YES	0	46.5	-13.7	0	YES	6	2	21	3	0	0	YES
				W7/F04											0	0	14	3	0	0	YES
	R6	Residential	Bedroom	W8/F04	0.1	9.4	-9.3	-9300	YES	0	4.8	-0.6	0	YES							

	R7	Residential	Bedroom	W9/F04	0.7	14.3	-13.6	-1942.9	YES	0	51.7	-6.5	0	YES							
	R8	Residential	Living Room	W10/F04	0.3	13.7	-13.4	-4466.7	YES	0	59.6	-17.4	-6143311	YES	1	0	14	0	0	0	YES
				W11/F04											0	0	15	0	0	0	YES
	R9	Residential	Bedroom	W12/F04	0.2	12.5	-12.3	-6150	YES	0	9.4	-11	0	YES							
	R10	Residential	Bedroom	W13/F04	1.3	18.7	-17.4	-1338.5	YES	0	72.8	-9.1	0	YES							
	R11	Residential	Living Room	W14/F04	11	18.1	-17	-1545.5	YES	3.7	74.7	-20.7	-1896	YES	0	0	18	0	0	0	YES
				W15/F04											0	0	19	1	0	0	YES
	R12	Residential	Bedroom	W16/F04	1.3	16.8	-15.5	-1192.3	YES	0.1	19	-2.3	-24569.7	YES							
	R13	Residential	Bedroom	W17/F04	6.2	24	-17.8	-287.1	YES	20.1	89.9	-8.5	-346.6	YES							
	R14	Residential	Living Room	W18/F04	20.1	26.3	-6.2	-30.8	YES	94.7	95	-0.1	-0.3	YES	10	0	26	3	0	0	YES
				W19/F04											18	1	21	4	0	0	
F05	R1	Residential	Bedroom	W1/F05	32.2	31.3	0.9	2.8	YES	94.8	94.8	0	0	YES							
	R2	Residential	Bedroom	W2/F05	27	26.6	0.4	1.5	YES	96.4	96.4	0	0	YES							
	R3	Residential	Living Room	W3/F05	21.2	20.9	0.3	1.4	YES	86.6	86.3	0.1	0.4	YES	49	24	47	22	4.1	8.3	YES
				W4/F05											21	8	21	8	0	0	
	R4	Residential	Bedroom	W5/F05	1.3	13.3	-12	-923.1	YES	0	35.1	-4.5	0	YES							
	R5	Residential	Living Room	W6/F05	0.5	11.6	-11.1	-2220	YES	0	46.6	-13.7	0	YES	6	2	21	3	0	0	YES
				W7/F05											0	0	14	3	0	0	YES
	R6	Residential	Bedroom	W8/F05	0.2	9.5	-9.3	-4650	YES	0	4.9	-0.6	0	YES							
	R7	Residential	Bedroom	W9/F05	0.8	14.4	-13.6	-1700	YES	0	51.7	-6.5	0	YES							
	R8	Residential	Living Room	W10/F05	0.3	13.9	-13.6	-4533.3	YES	0	59.7	-17.4	-615568.9	YES	1	0	14	0	0	0	YES
				W11/F05											0	0	15	0	0	0	YES
	R9	Residential	Bedroom	W12/F05	0.2	12.6	-12.4	-6200	YES	0	9.4	-11	0	YES							
	R10	Residential	Bedroom	W13/F05	1.3	18.9	-17.6	-1353.8	YES	0	72.7	-9.1	0	YES							
	R11	Residential	Living Room	W14/F05	11	18.3	-17.2	-1563.6	YES	3.8	74.8	-20.7	-1847.3	YES	0	0	18	0	0	0	YES
				W15/F05											0	0	19	1	0	0	YES
	R12	Residential	Bedroom	W16/F05	1.3	16.9	-15.6	-1200	YES	0.1	19.1	-2.3	-24629	YES							
	R13	Residential	Bedroom	W17/F05	6.2	24.2	-18	-290.3	YES	20.1	89.9	-8.5	-347	YES							
	R14	Residential	Living Room	W18/F05	20.1	26.4	-6.3	-31.3	YES	94.7	95	-0.1	-0.3	YES	10	0	27	3	0	0	YES
				W19/F05																	
F06	R1	Residential	Bedroom	W1/F06	32.6	31.7	0.9	2.8	YES	95	95	0	0	YES							
	R2	Residential	Bedroom	W2/F06	27.4	26.9	0.5	1.8	YES	96.5	96.5	0	0	YES							
	R3	Residential	Living Room	W3/F06	21.5	21.1	0.4	1.9	YES	86.6	86.3	0.1	0.3	YES	49	24	47	22	4.1	8.3	YES
				W4/F06																	
	R4	Residential	Bedroom	W5/F06	1.4	13.4	-12	-857.1	YES	0	35.1	-4.5	0	YES							
	R5	Residential	Living Room	W6/F06	0.5	11.8	-11.3	-2260	YES	0	46.7	-13.7	0	YES	6	2	21	3	0	0	YES
				W7/F06											0	0	14	3	0	0	YES
	R6	Residential	Bedroom	W8/F06	0.2	9.6	-9.4	-4700	YES	0	5	-0.6	0	YES							
	R7	Residential	Bedroom	W9/F06	0.9	14.6	-13.7	-1522.2	YES	0	51.9	-6.5	0	YES							
	R8	Residential	Living Room	W10/F06	0.3	14	-13.7	-4566.7	YES	0	59.8	-17.4	-616088.3	YES	1	0	14	0	0	0	YES
				W11/F06											0	0	15	0	0	0	YES
	R9	Residential	Bedroom	W12/F06	0.2	12.8	-12.6	-6300	YES	0	9.6	-1.2	0	YES							
	R10	Residential	Bedroom	W13/F06	1.4	19.1	-17.7	-1264.3	YES	0	73.1	-9.1	0	YES							
	R11	Residential	Living Room	W14/F06	11	18.5	-17.4	-1581.8	YES	3.8	74.8	-20.7	-1886.6	YES	0	0	18	0	0	0	YES
				W15/F06											0	0	22	1	0	0	YES
	R12	Residential	Bedroom	W16/F06	1.3	17.1	-15.8	-1215.4	YES	0.1	19.2	-2.3	-24817.7	YES							
	R13	Residential	Bedroom	W17/F06	6.3	24.5	-18.2	-288.9	YES	20.1	90	-8.5	-347.3	YES							
	R14	Residential	Living Room	W18/F06	20.2	26.6	-6.4	-31.7	YES	94.7	95	-0.1	-0.3	YES	10	0	28	3	0	0	YES
				W19/F06											18	1	21	4	0	0	
F07	R1	Residential	Bedroom	W1/F07	32.9	32	0.9	2.7	YES	95.1	95.1	0	0	YES							
	R2	Residential	Bedroom	W2/F07	27.7	27.2	0.5	1.8	YES	96.5	96.5	0	0	YES							
	R3	Residential	Living Room	W3/F07	21.7	21.3	0.4	1.8	YES	86.6	86.3	0.1	0.3	YES	49	24	47	22	4.1	8.3	YES
				W4/F07											21	8	21	8	0	0	
	R4	Residential	Bedroom	W5/F07	1.6	13.5	-11.9	-743.8	YES	0	35.2	-4.5	0	YES							
	R5	Residential	Living Room	W6/F07	0.5	11.9	-11.4	-2280	YES	0	46.9	-13.8	0	YES	6	2	21	3	0	0	YES
				W7/F07											1	1	15	4	0	0	YES
	R6	Residential	Bedroom	W8/F07	0.2	9.8	-9.6	-4800	YES	0	5	-0.6	0	YES							
	R7	Residential	Bedroom	W9/F07	1	14.7	-13.7	-1370	YES	0	52	-6.5	0	YES							
	R8	Residential	Living Room	W10/F07	0.3	14.2	-13.9	-4633.3	YES	0	59.9	-17.5	-617442.1	YES	1	0	14	0	0	0	YES
				W11/F07											0	0	16	0	0	0	YES
	R9	Residential	Bedroom	W12/F07	0.2	12.9	-12.7	-6350	YES	0	9.8	-1.2	0	YES							
	R10	Residential	Bedroom	W13/F07	1.5	19.4	-17.9	-1193.3	YES	0	73.2	-9.2	0	YES							
	R11	Residential	Living Room	W14/F07	11	18.8	-17.7	-1609.1	YES	3.8	74.9	-20.7	-1887.8	YES	0	0	19	0	0	0	YES
				W15/F07											0	0	22	1	0	0	YES
	R12	Residential	Bedroom	W16/F07	1.3	17.3	-16	-1230.8	YES	0.1	19.3	-2.3	-24937.4	YES							
	R13	Residential	Bedroom	W17/F07	6.4	24.8	-18.4	-287.5	YES	20.1	90.1	-8.5	-347.8	YES							
	R14	Residential	Living Room	W18/F07	20.2	26.7	-6.5	-32.2	YES	94.8	95.1	-0.1	-0.3	YES	10	0	28	3	0	0	YES
				W19/F07																	
F08	R1	Residential	Bedroom	W1/F08	33.1	32.2	0.9	2.7	YES	95.1	95.1	0	0	YES							
	R2	Residential	Bedroom	W2/F08	27.9	27.4	0.5	1.8	YES	96.5	96.5	0	0	YES							
	R3	Residential	Living Room	W3/F08	21.8	21.5	0.3	1.4	YES	86.6	86.3	0.1	0.3	YES	49	24	47	22	4.1	8.3	YES

				W4/F08																	
	R4	Residential	Bedroom	W5/F08	1.8	13.7	-11.9	-661.1	YES	0	35.2	-4.5	0	YES							
	R5	Residential	Living Room	W6/F08	0.6	12	-11.4	-1900	YES	0	46.9	-13.8	0	YES	7	3	22	4	0	0	YES
				W7/F08											1	1	15	4	0	0	YES
	R6	Residential	Bedroom	W8/F08	0.2	9.9	-9.7	-4850	YES	0	5.2	-0.6	0	YES							
	R7	Residential	Bedroom	W9/F08	1.3	14.9	-13.6	-1046.2	YES	0	52.3	-6.5	0	YES							
	R8	Residential	Living Room	W10/F08	0.4	14.4	-14	-3500	YES	0	60.1	-17.5	-619164.7	YES	1	0	14	0	0	0	YES
				W11/F08											0	0	16	0	0	0	YES
	R9	Residential	Bedroom	W12/F08	0.2	13.1	-12.9	-6450	YES	0	9.9	-1.2	0	YES							
	R10	Residential	Bedroom	W13/F08	1.7	19.7	-18	-1058.8	YES	0	73.6	-9.2	0	YES							
	R11	Residential	Living Room	W14/F08	1.2	19.1	-17.9	-1491.7	YES	3.8	75.1	-20.8	-1891.8	YES	0	0	20	0	0	0	YES
				W15/F08											0	0	22	1	0	0	YES
	R12	Residential	Bedroom	W16/F08	1.3	17.6	-16.3	-1253.8	YES	0.1	19.5	-2.3	-25139.4	YES							
	R13	Residential	Bedroom	W17/F08	6.5	25.1	-18.6	-286.2	YES	20.1	90.2	-8.6	-348.3	YES							
	R14	Residential	Living Room	W18/F08	20.2	26.9	-6.7	-33.2	YES	94.8	95.1	-0.1	-0.3	YES	10	0	30	3	0	0	YES
				W19/F08											18	1	21	4	0	0	
F09	R1	Residential	Bedroom	W1/F09	33.3	32.4	0.9	2.7	YES	95.2	95.2	0	0	YES							
	R2	Residential	Bedroom	W2/F09	28	27.6	0.4	1.4	YES	96.5	96.5	0	0	YES							
	R3	Residential	Living Room	W3/F09	22	21.6	0.4	1.8	YES	86.6	86.3	0.1	0.3	YES	49	24	47	22	4.1	8.3	YES
				W4/F09											21	8	21	8	0	0	
	R4	Residential	Bedroom	W5/F09	2.2	13.8	-11.6	-527.3	YES	0	35.4	-4.5	0	YES							
	R5	Residential	Living Room	W6/F09	0.8	12.2	-11.4	-1425	YES	0	47.1	-13.8	0	YES	7	3	22	4	0	0	YES
				W7/F09											1	1	15	4	0	0	YES
	R6	Residential	Bedroom	W8/F09	0.2	10	-9.8	-4900	YES	0	5.4	-0.6	0	YES							
	R7	Residential	Bedroom	W9/F09	1.6	15.2	-13.6	-850	YES	0	52.7	-6.6	0	YES							
	R8	Residential	Living Room	W10/F09	0.6	14.7	-14.1	-2350	YES	0	60.2	-17.5	-620215.7	YES	2	0	15	0	0	0	YES
				W11/F09											0	0	16	0	0	0	YES
	R9	Residential	Bedroom	W12/F09	0.2	13.3	-13.1	-6550	YES	0	10.1	-1.2	0	YES							
	R10	Residential	Bedroom	W13/F09	2.1	20	-17.9	-852.4	YES	0	74	-9.3	0	YES							
	R11	Residential	Living Room	W14/F09	1.3	19.4	-18.1	-1392.3	YES	3.8	75.2	-20.8	-1858.5	YES	2	0	21	0	0	0	YES
				W15/F09											0	0	23	1	0	0	YES
	R12	Residential	Bedroom	W16/F09	1.3	17.9	-16.6	-1276.9	YES	0.1	19.6	-2.3	-25328	YES							
	R13	Residential	Bedroom	W17/F09	6.7	25.5	-18.8	-280.6	YES	20.2	90.3	-8.6	-347.1	YES							
	R14	Residential	Living Room	W18/F09	20.2	27.1	-6.9	-34.2	YES	94.7	95	-0.1	-0.3	YES	10	0	32	3	0	0	YES
				W19/F09																	
F10	R1	Residential	Bedroom	W1/F10	33.4	32.5	0.9	2.7	YES	95.2	95.2	0	0	YES							
	R2	Residential	Bedroom	W2/F10	28.2	27.7	0.5	1.8	YES	96.6	96.5	0	0	YES							
	R3	Residential	Living Room	W3/F10	22.1	21.7	0.4	1.8	YES	86.6	86.3	0.1	0.3	YES	49	24	47	22	4.1	8.3	YES
				W4/F10																	
	R4	Residential	Bedroom	W5/F10	2.8	14	-11.2	-400	YES	0.5	35.5	-4.5	-6664.8	YES							
	R5	Residential	Living Room	W6/F10	1.2	12.3	-11.1	-925	YES	0	47.2	-13.9	0	YES	8	4	23	5	0	0	YES
				W7/F10											2	2	16	5	0	0	YES
	R6	Residential	Bedroom	W8/F10	0.2	10.2	-10	-5000	YES	0	5.7	-0.7	0	YES							
	R7	Residential	Bedroom	W9/F10	2.3	15.5	-13.2	-573.9	YES	0.6	53.1	-6.6	-9021.7	YES							
	R8	Residential	Living Room	W10/F10	0.9	15	-14.1	-1566.7	YES	0	60.4	-17.6	-622685.7	YES	2	0	16	0	0	0	YES
				W11/F10											0	0	16	0	0	0	YES
	R9	Residential	Bedroom	W12/F10	0.2	13.6	-13.4	-6700	YES	0	10.5	-1.3	0	YES							
	R10	Residential	Bedroom	W13/F10	2.6	20.5	-17.9	-688.5	YES	0.5	74.2	-9.2	-14140.5	YES							
	R11	Residential	Living Room	W14/F10	1.7	19.8	-18.1	-1064.7	YES	3.8	75.5	-20.9	-1902.4	YES	2	0	21	0	0	0	YES
				W15/F10											0	0	26	1	0	0	YES
	R12	Residential	Bedroom	W16/F10	1.3	18.2	-16.9	-1300	YES	0.1	20	-2.4	-25808.3	YES							
	R13	Residential	Bedroom	W17/F10	7.1	25.9	-18.8	-264.8	YES	20.2	90.5	-8.6	-347.5	YES							
	R14	Residential	Living Room	W18/F10	20.3	27.3	-7	-34.5	YES	94.7	95	-0.1	-0.3	YES	10	0	33	3	0	0	YES
				W19/F10											18	1	21	4	0	0	
F11	R1	Residential	Bedroom	W1/F11	33.6	32.7	0.9	2.7	YES	95.2	95.2	0	0	YES							
	R2	Residential	Bedroom	W2/F11	28.4	27.9	0.5	1.8	YES	96.6	96.6	0	0	YES							
	R3	Residential	Living Room	W3/F11	22.3	21.9	0.4	1.8	YES	86.6	86.3	0.1	0.3	YES	50	25	48	23	4	8	YES
				W4/F11											21	8	21	8	0	0	
	R4	Residential	Bedroom	W5/F11	3.9	14.1	-10.2	-261.5	YES	2.1	35.8	-4.3	-1639.6	YES							
	R5	Residential	Living Room	W6/F11	2.1	12.5	-10.4	-495.2	YES	0.6	47.3	-13.7	-7282.3	YES	10	4	23	5	0	0	YES
				W7/F11											2	2	16	5	0	0	YES
	R6	Residential	Bedroom	W8/F11	0.2	10.3	-10.1	-5050	YES	0	6	-0.7	0	YES							
	R7	Residential	Bedroom	W9/F11	3.4	15.8	-12.4	-364.7	YES	2.1	53.5	-6.4	-2510.4	YES							
	R8	Residential	Living Room	W10/F11	1.9	15.4	-13.5	-710.5	YES	0.7	60.8	-17.5	-9066.6	YES	6	0	17	0	0	0	YES
				W11/F11											0	0	16	0	0	0	YES
	R9	Residential	Bedroom	W12/F11	0.2	14	-13.8	-6900	YES	0	11	-1.3	0	YES							
	R10	Residential	Bedroom	W13/F11	3.7	20.9	-17.2	-464.9	YES	2	74.9	-9.1	-3562.1	YES							
	R11	Residential	Living Room	W14/F11	2.6	20.3	-17.7	-680.8	YES	4.2	75.8	-20.9	-1721.6	YES	6	0	23	0	0	0	YES
				W15/F11											0	0	26	1	0	0	YES
	R12	Residential	Bedroom	W16/F11	1.3	18.6	-17.3	-1330.8	YES	0.1	20.5	-2.5	-26525	YES							
	R13	Residential	Bedroom	W17/F11	7.9	26.4	-18.5	-234.2	YES	20.9	90.7	-8.5	-333.9	YES							

	R14	Residential	Living Room	W18/F11	20.5	27.5	-7	-34.1	YES	94.7	95	-0.1	-0.3	YES	11	0	35	3	0	0	YES
				W19/F11																	
	R15	Residential	Bedroom	W20/F11	27.3	27	0.3	1.1	YES	65.8	63.8	0.2	3	YES							
	R16	Residential	Bedroom	W21/F11	22.8	22.5	0.3	1.3	YES	40.2	38.4	0.2	4.5	YES							
	R17	Residential	Bedroom	W22/F11	22	21.7	0.3	1.4	YES	22.2	20.9	0.1	5.7	YES							
	R18	Residential	LKD	W23/F11	20.3	20.1	0.2	1	YES	53.5	53.5	0	0	YES	31	5	30	5	3.2	0	YES
				W24/F11											29	5	28	5	3.4	0	YES
	R19	Residential	Bedroom	W25/F11	18.4	18.3	0.1	0.5	YES	36.5	36.5	0	0	YES							
	R20	Residential	LKD	W26/F11	16.3	16.2	0.1	0.6	YES	21	20.8	0.1	1.2	YES	20	2	20	2	0	0	YES
				W27/F11											19	3	19	3	0	0	YES
	R21	Residential	Bedroom	W28/F11	15.3	15.3	0	0	YES	29.1	29.1	0	0	YES							
	R22	Residential	LKD	W29/F11	13.5	13.4	0.1	0.7	YES	17.8	17.6	0	0.8	YES	17	3	16	3	5.9	0	YES
				W30/F11											16	4	16	4	0	0	YES
	R23	Residential	Bedroom	W31/F11	12.6	12.6	0	0	YES	24.2	24.2	0	0	YES							
	R24	Residential	LKD	W32/F11	10	10	0	0	YES	19.6	19.6	0	0	YES	15	7	15	7	0	0	YES
				W33/F11											17	9	17	9	0	0	YES
	R25	Residential	Bedroom	W34/F11	9.9	9.9	0	0	YES	12.9	12.9	0	-0.1	YES							
	R26	Residential	LKD	W35/F11	29.8	29.7	0.1	0.3	YES	87.3	87.3	0	0	YES	45	20	43	19	4.4	5	YES
				W36/F11											70	27	69	26	1.4	3.7	YES
F12	R1	Residential	Bedroom	W1/F12	33.8	32.9	0.9	2.7	YES	95.2	95.2	0	0	YES							
	R2	Residential	Bedroom	W2/F12	28.5	28	0.5	1.8	YES	96.6	96.6	0	0	YES							
	R3	Residential	Living Room	W3/F12	22.5	22.1	0.4	1.8	YES	86.6	86.3	0.1	0.3	YES	50	25	48	23	4	8	YES
				W4/F12											21	8	21	8	0	0	
	R4	Residential	Bedroom	W5/F12	6.2	14.3	-8.1	-130.6	YES	6.1	36	-3.8	-487.4	YES							
	R5	Residential	Living Room	W6/F12	4.8	12.8	-8	-166.7	YES	4.1	47.4	-12.7	-1044	YES	11	4	23	5	0	0	YES
				W7/F12											5	2	17	6	0	0	YES
	R6	Residential	Bedroom	W8/F12	2.2	10.6	-8.4	-381.8	YES	0.1	6.4	-0.8	-6827.3	YES							
	R7	Residential	Bedroom	W9/F12	5.9	16.3	-10.4	-176.3	YES	6.6	54.1	-5.9	-726.1	YES							
	R8	Residential	Living Room	W10/F12	4.7	15.8	-11.1	-236.2	YES	4.2	61.1	-16.6	-1362.9	YES	7	0	17	0	0	0	YES
				W11/F12											3	0	17	0	0	0	YES
	R9	Residential	Bedroom	W12/F12	2.2	14.4	-12.2	-554.5	YES	0.1	12	-1.4	-11010.4	YES							
	R10	Residential	Bedroom	W13/F12	6.1	21.5	-15.4	-252.5	YES	6.6	75.6	-8.6	-1043.3	YES							
	R11	Residential	Living Room	W14/F12	5.1	20.9	-15.8	-309.8	YES	7.3	76.3	-20.1	-940.4	YES	7	0	26	0	0	0	YES
				W15/F12											3	0	28	1	0	0	YES
	R12	Residential	Bedroom	W16/F12	3.1	19.1	-16	-516.1	YES	0.1	21.3	-2.5	-17380.7	YES							
	R13	Residential	Bedroom	W17/F12	9.7	26.9	-17.2	-177.3	YES	22.7	90.9	-8.3	-300.1	YES							
	R14	Residential	Living Room	W18/F12	21.4	27.8	-6.4	-29.9	YES	94.7	95	-0.1	-0.3	YES	12	0	36	3	0	0	YES
				W19/F12																	
	R15	Residential	Bedroom	W20/F12	29.8	29	0.8	2.7	YES	76.5	72.4	0.4	5.4	YES							
	R16	Residential	Bedroom	W21/F12	26.6	25.5	1.1	4.1	YES	54.8	48.2	0.8	12.1	YES							
	R17	Residential	Bedroom	W22/F12	25.7	24.8	0.9	3.5	YES	41.4	33.5	0.9	19.3	YES							
	R18	Residential	LKD	W23/F12	24.4	23.6	0.8	3.3	YES	57.7	57.7	0	0	YES	40	7	39	6	2.5	14.3	YES
				W24/F12											37	7	36	6	2.7	14.3	YES
	R19	Residential	Bedroom	W25/F12	22.9	22.2	0.7	3.1	YES	47	47	0	0	YES							
	R20	Residential	LKD	W26/F12	20.9	20.2	0.7	3.3	YES	31	29	0.5	6.6	YES	30	4	28	3	6.7	25	YES
				W27/F12											28	5	26	4	7.1	20	YES
	R21	Residential	Bedroom	W28/F12	20	19.6	0.4	2	YES	44.2	44.2	0	0	YES							
	R22	Residential	LKD	W29/F12	18.2	17.7	0.5	2.7	YES	26.8	25.5	0.3	4.8	YES	25	3	23	3	8	0	YES
				W30/F12											26	4	24	4	7.7	0	YES
	R23	Residential	Bedroom	W31/F12	17.3	17	0.3	1.7	YES	37.3	37.3	0	0	YES							
	R24	Residential	LKD	W32/F12	13.8	13.8	0	0	YES	24	24	0	0	YES	21	7	21	7	0	0	YES
				W33/F12											21	9	21	9	0	0	YES
	R25	Residential	Bedroom	W34/F12	13.4	13.4	0	0	YES	22	22	0	0.1	YES							
	R26	Residential	LKD	W35/F12	30.4	30.2	0.2	0.7	YES	87.3	87.3	0	0	YES	48	20	45	19	6.2	5	YES
				W36/F12											70	27	69	26	1.4	3.7	YES
F13	R1	Residential	Bedroom	W1/F13	33.9	33	0.9	2.7	YES	95.2	95.2	0	0	YES							
	R2	Residential	Bedroom	W2/F13	28.7	28.2	0.5	1.7	YES	96.6	96.6	0	0	YES							
	R3	Residential	Living Room	W3/F13	23	22.6	0.4	1.7	YES	86.6	86.3	0.1	0.3	YES	50	25	48	23	4	8	YES
				W4/F13											21	8	21	8	0	0	
	R4	Residential	Bedroom	W5/F13	12	14.6	-2.6	-21.7	YES	21	36.4	-2	-73.5	YES							
	R5	Residential	Living Room	W6/F13	11.2	13.1	-1.9	-17	YES	19.2	47.5	-8.3	-146.6	YES	23	5	24	6	0	0	YES
				W7/F13											19	4	17	6	10.5	0	YES
	R6	Residential	Bedroom	W8/F13	8.9	10.8	-1.9	-21.3	YES	14.4	6.8	0.9	52.8	NO							
	R7	Residential	Bedroom	W9/F13	11.8	16.8	-5	-42.4	YES	21.9	55.2	-4.2	-152.2	YES							
	R8	Residential	Living Room	W10/F13	11.1	16.4	-5.3	-47.7	YES	19.4	61.6	-12.3	-217.5	YES	20	2	17	0	15	100	YES
				W11/F13											17	2	19	0	0	100	YES
	R9	Residential	Bedroom	W12/F13	8.9	14.9	-6	-67.4	YES	14.3	13.1	0.1	8.7	YES							
	R10	Residential	Bedroom	W13/F13	12	22.2	-10.2	-85	YES	21.8	76.5	-6.8	-250.4	YES							
	R11	Residential	Living Room	W14/F13	11.4	21.5	-10.1	-88.6	YES	19.7	76.9	-16.7	-290	YES	20	2	29	0	0	100	YES
				W15/F13											17	2	29	1	0	50	YES
	R12	Residential	Bedroom	W16/F13	9.5	19.7	-10.2	-107.4	YES	14.4	22.4	-1	-56.3	YES							

	R13	Residential	Bedroom	W17/F13	14.6	27.6	-13	-89	YES	29.5	91.1	-7.5	-208.3	YES							
	R14	Residential	Living Room	W18/F13	23.6	28.1	-4.5	-19.1	YES	96.1	95	0.3	1.2	YES	28	2	38	3	0	0	YES
				W19/F13																	
	R15	Residential	Bedroom	W20/F13	32.8	31	1.8	5.5	YES	93.8	86	0.8	8.3	YES							
	R16	Residential	Bedroom	W21/F13	31.2	28.7	2.5	8	YES	90.4	74.6	2	17.4	YES							
	R17	Residential	Bedroom	W22/F13	30.3	28.2	2.1	6.9	YES	72.3	42.8	3.2	40.8	NO							
	R18	Residential	LKD	W23/F13	29.6	27.6	2	6.8	YES	71.8	71.8	0	0	YES	52	13	48	9	7.7	30.8	YES
				W24/F13											49	12	46	9	6.1	25	YES
	R19	Residential	Bedroom	W25/F13	28.6	26.6	2	7	YES	79.4	79.4	0	0	YES							
	R20	Residential	LKD	W26/F13	27	24.9	2.1	7.8	YES	56.7	50.7	1.6	10.6	YES	42	8	37	5	11.9	37.5	YES
				W27/F13											42	9	37	6	11.9	33.3	YES
	R21	Residential	Bedroom	W28/F13	26.5	24.5	2	7.5	YES	80.6	80.4	0	0.2	YES							
	R22	Residential	LKD	W29/F13	24.9	22.9	2	8	YES	48.8	43.4	1.5	11.1	YES	40	7	36	6	10	14.3	YES
				W30/F13											40	8	36	7	10	12.5	YES
	R23	Residential	Bedroom	W31/F13	24.2	22.4	1.8	7.4	YES	68	67.7	0	0.5	YES							
	R24	Residential	LKD	W32/F13	20.3	19.4	0.9	4.4	YES	35.3	34.4	0.3	2.7	YES	32	8	30	8	6.2	0	YES
				W33/F13											31	10	28	10	9.7	0	YES
	R25	Residential	Bedroom	W34/F13	19.7	19	0.7	3.6	YES	43.7	42.5	0.1	2.8	YES							
	R26	Residential	LKD	W35/F13	31.4	30.8	0.6	1.9	YES	87.3	87.3	0	0	YES	55	20	48	19	12.7	5	YES
				W36/F13											70	27	69	26	1.4	3.7	YES
F14	R1	Residential	Bedroom	W1/F14	34.1	33.2	0.9	2.6	YES	95.2	95.2	0	0	YES							
	R2	Residential	Bedroom	W2/F14	28.8	28.3	0.5	1.7	YES	96.6	96.6	0	0	YES							
	R3	Residential	Living Room	W3/F14	23.8	23.4	0.4	1.7	YES	86.6	86.3	0.1	0.3	YES	50	25	48	23	4	8	YES
				W4/F14											21	8	21	8	0	0	
	R4	Residential	Bedroom	W5/F14	25.6	14.8	10.8	42.2	NO	86.1	37.3	6.2	56.6	NO							
	R5	Residential	Living Room	W6/F14	24.5	13.4	11.1	45.3	NO	86.3	48	11.3	44.4	NO	49	11	24	6	51	45.5	NO
				W7/F14											45	12	17	6	62.2	50	NO
	R6	Residential	Bedroom	W8/F14	22	11.2	10.8	49.1	NO	75.2	7.3	8.1	90.3	NO							
	R7	Residential	Bedroom	W9/F14	25.6	17.5	8.1	31.6	NO	88.8	56.7	4	36.2	NO							
	R8	Residential	Living Room	W10/F14	24.5	17	7.5	30.6	NO	86.7	62.3	7.1	28.1	NO	49	11	18	0	63.3	100	NO
				W11/F14											45	12	20	0	55.6	100	NO
	R9	Residential	Bedroom	W12/F14	22	15.5	6.5	29.5	NO	74.3	14.4	7.2	80.6	NO							
	R10	Residential	Bedroom	W13/F14	25.6	22.9	2.7	10.5	YES	88.7	78.1	1.3	12	YES							
	R11	Residential	Living Room	W14/F14	24.6	22.3	2.3	9.3	YES	86.6	77.7	2.6	10.3	YES	49	11	32	0	34.7	100	NO
				W15/F14											45	12	31	1	31.1	91.7	NO
	R12	Residential	Bedroom	W16/F14	22.2	20.4	1.8	8.1	YES	74.2	24.2	6	67.4	NO							
	R13	Residential	Bedroom	W17/F14	26.7	28.3	-1.6	-6	YES	92.7	91.5	0.2	1.3	YES							
	R14	Residential	Living Room	W18/F14	28.5	28.4	0.1	0.4	YES	98.9	95	1.1	3.9	YES	51	12	42	3	17.6	75	NO
				W19/F14																	
	R15	Residential	Bedroom	W20/F14	35.9	32.7	3.2	8.9	YES	93.8	90	0.4	4.1	YES							
	R16	Residential	Bedroom	W21/F14	36	31.6	4.4	12.2	YES	90.8	79.3	1.4	12.6	YES							
	R17	Residential	Bedroom	W22/F14	35.2	31.4	3.8	10.8	YES	74.1	47.1	3	36.4	NO							
	R18	Residential	LKD	W23/F14	35.4	31.3	4.1	11.6	YES	97.7	94.7	0.9	3.1	YES	60	19	52	11	13.3	42.1	YES
				W24/F14											60	19	52	11	13.3	42.1	YES
	R19	Residential	Bedroom	W25/F14	35.1	30.8	4.3	12.3	YES	90.1	90.1	0	0	YES							
	R20	Residential	LKD	W26/F14	34	29.5	4.5	13.2	YES	93.5	79.8	3.7	14.6	YES	56	16	50	10	10.7	37.5	YES
				W27/F14											57	17	51	11	10.5	35.3	YES
	R21	Residential	Bedroom	W28/F14	34.1	29.4	4.7	13.8	YES	97.8	97.5	0	0.3	YES							
	R22	Residential	LKD	W29/F14	33.1	28.1	5	15.1	YES	93.5	74.9	5	19.9	YES	56	16	48	9	14.3	43.8	YES
				W30/F14											57	17	49	10	14	41.2	YES
	R23	Residential	Bedroom	W31/F14	33.1	28	5.1	15.4	YES	97.5	93.6	0.5	4	YES							
	R24	Residential	LKD	W32/F14	30	25.4	4.6	15.3	YES	92.2	69.6	6.2	24.5	NO	50	12	44	11	12	8.3	YES
				W33/F14											52	14	45	13	13.5	7.1	YES
	R25	Residential	Bedroom	W34/F14	29.6	25.4	4.2	14.2	YES	98.8	79.4	2.4	19.6	YES							
	R26	Residential	LKD	W35/F14	32.5	31.3	1.2	3.7	YES	87.4	87.3	0	0.1	YES	63	23	52	20	17.5	13	YES
				W36/F14											70	27	69	26	1.4	3.7	YES



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