



DAYLIGHT & SUNLIGHT

IMPACT ON NEIGHBOURING
PROPERTIES

Piccadilly Wharf, Manchester

19 January 2022

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Principles of Daylight and Sunlight
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1.0 Executive Summary

We have undertaken a daylight and sunlight assessment for the proposed development on Piccadilly Wharf, Manchester.

We have completed technical analyses using the methodologies set out within the Building Research Establishment Guidelines entitled 'Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice (2011)'.

Baseline Compliance Levels

The current daylight and sunlight levels received by the surrounding residential receptors in the baseline scenario are summarised in the table below:

Name/Address of Building	Percentage of Windows that Achieve 27% VSC Daylight	Percentage of Rooms that Achieve 80% NSL Daylight	Percentage of Rooms that Achieve 25% APSH Sunlight
Wharf Close	36/43 (84%)	43/43 (100%)	5/5 (100%)
Thomas Telford Basin	74/76 (97%)	47/49 (96%)	15/15 (100%)
Chapeltown Street	60/72 (83%)	39/43 (91%)	4/4 (100%)

These baseline results demonstrate a high level of compliance due to the current open nature of the existing site.

Assessment One - Impact from Proposed Development (Using the Existing Cleared Site as the Baseline)

The assessment of baseline levels to the surrounding properties considers whether a window/room already meets the BRE criteria in the existing scenario only, whilst the BRE guide states that a window/room should not be reduced by any more than 0.8 times its former value (a 20% reduction) in the proposed scenario. As such, as the VSC target is 27%, if a window in the baseline has 25% VSC, it will be classed as not meeting the BRE targets. In the proposed scenario, if the same window is reduced to 24%, it will be classed as meeting the VSC target as it is within 0.8 times its former value. Therefore, some windows/rooms may not meet the target criteria in the baseline but will in the proposed scenario.

We have undertaken an assessment of the proposed development using the existing cleared site as the baseline. When comparing the impact of the proposed design to the current situation (i.e. a cleared site), the impacts on the three buildings that are detailed in the assessment are summarised in the table below.

Name/Address of Building	Percentage of Windows Compliant for VSC Daylight	Percentage of Rooms Compliant for NSL Daylight	Percentage of Rooms Compliant for APSH Sunlight
Wharf Close	14/43 (33%)	38/43 (88%)	5/5 (100%)
Thomas Telford Basin	51/76 (67%)	48/49 (98%)	15/15 (100%)
Chapeltown Street	46/72 (64%)	34/43 (79%)	4/4 (100%)

It is inevitable when constructing buildings in an urban environment that alterations in daylight and sunlight to surrounding properties can occur, particularly where a site is clear and underdeveloped for the context. 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 National Planning Practice Guidance (NPPG) – Making Efficient Use of Land published on 29 November 2016, updated 01 October 2019, Paragraph 007 Reference ID: 66-007-20190722 states:

“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.”

Assessment Two - Impact from Former 13-Storey Consent (Using the Existing Cleared Site as the Baseline)

We have undertaken a further assessment of the former consent using the existing cleared site as the baseline. This analysis considers what the compliance rates would be if the former consent had been built out, rather than the proposed development. The results for the three buildings are summarised in the table below:

Name/Address of Building	Percentage of Windows Compliant for VSC Daylight	Percentage of Rooms Compliant for NSL Daylight	Percentage of Rooms Compliant for APSH Sunlight
Wharf Close	12/43 (28%)	32/43 (74%)	5/5 (100%)
Thomas Telford Basin	65/76 (86%)	43/52 (83%)	15/15 (100%)
Chapeltown Street	49/72 (68%)	37/43 (86%)	4/4 (100%)

Summary of Findings

Overall, when the impact from the proposed development is compared against the historic 13-storey consent, 44 windows and 63 rooms in the surrounding properties will have more daylight with the proposed development in place than if the 13-storey consent had been built out instead. The main body of the report, and Appendix 4, provides detailed analysis of these results, and a graphical guide on how to identify the differences,

All the daylight levels in Wharf Close will be the same, better or within 20% or 0.8 times the figure with the proposed development in place than they would be with the 13-storey consent built out. Except for four bedroom windows, all the daylight levels in Thomas Telford will be the same, better or within 20% or 0.8 times the figure with the proposed development in place than they would be with the 13-storey consent built out. Whilst there will be impact from both developments, the difference in impact would only be perceptible to four bedroom windows. Except for one room on the ground floor of Chapeltown Street, all the daylight levels will be the same, better or within 20% or 0.8 times the figure with the proposed development in place than they would be with the 13-storey consent built out.

Whilst there will be impact from both developments to the surrounding properties, the difference in impact would only be perceptible to a very small number of windows and rooms.

Overall our view is that the impact is commensurate with the context of the location and character of the development site, and it is acceptable.

2.0 Instructions

GIA have been instructed by M1 Piccadilly to undertake detailed technical assessments to understand the potential daylight and sunlight changes that the proposed development on Piccadilly Wharf, Manchester, will have upon the surrounding residential properties.

The daylight and sunlight review within this report considers residential properties only as they are recognised by the Building Research Establishment (BRE 2011) as having the highest expectation for natural light when compared to other uses, such as commercial. The criteria suggested within the BRE have been used to understand and compare the existing levels of light, and the light achieved subsequent to the development of the proposed scheme.

3.0 Introduction

Daylight and Sunlight

The technical analysis that forms the basis of this report has been predicated against the methodologies set out within the Building Research Establishment Guidelines entitled 'Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice (2011)'. The guidelines in question are precisely that: guidelines which provide a recommendation to inform site layout and design. They are not mandatory, nor do they form a planning policy and their interpretation may be treated flexibly depending on the specifics of each site.

The BRE Guidelines provide two methodologies for a daylight assessment in existing surrounding residential properties, namely;

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

There is one methodology for a sunlight assessment, denoted as Annual Probable Sunlight Hours (APSH).

For existing residential properties, the following table provides a summary of the criteria set out within the BRE Guidelines for daylight and sunlight.

Method	BRE Criteria
VSC	A window may be adversely affected if its VSC measured at the centre of the window is less than 27% and less than 0.8 times its former value.
NSL	A room may be adversely affected if the daylight distribution (NSL) is reduced beyond 0.8 times its existing area.
APSH	A window may be adversely affected if a point at the centre of the window receives for the whole year, less than 25% of the APSH including at least 5% of the APSH during the winter months (21 September to 21 March) and less than 0.8 times its former sunlight hours during either period, and for existing neighbouring buildings, if there is a reduction in total APSH which is greater than 4%.

The National Planning Practice Guidance (NPPG) – Making Efficient Use of Land published on 29 November 2016, updated 01 October 2019, Paragraph 007 Reference ID: 66-007-20190722 states:

"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."

It is important that the location and nature of the development site and its surroundings are considered when determining the significance of any impacts identified.

The emphasis placed on development in the area has led to a number of schemes coming forward in the locality and, with increased height and density, deviations from the published BRE criteria may be unavoidable.

Appendix 01 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.

4.0 Sources of Information

In compiling this report, we have used the following information:

GIA

Site photographs

FIND Maps

OS Map

Vertex Modelling

Baseline model

5plus Architects

IR12-20210518 (proposed model)

HM Land Registry

Floor plans for Wharf Close

Floor plans for Piccadilly Village

Floor plans for Chapeltown Street

5.0 Assumptions

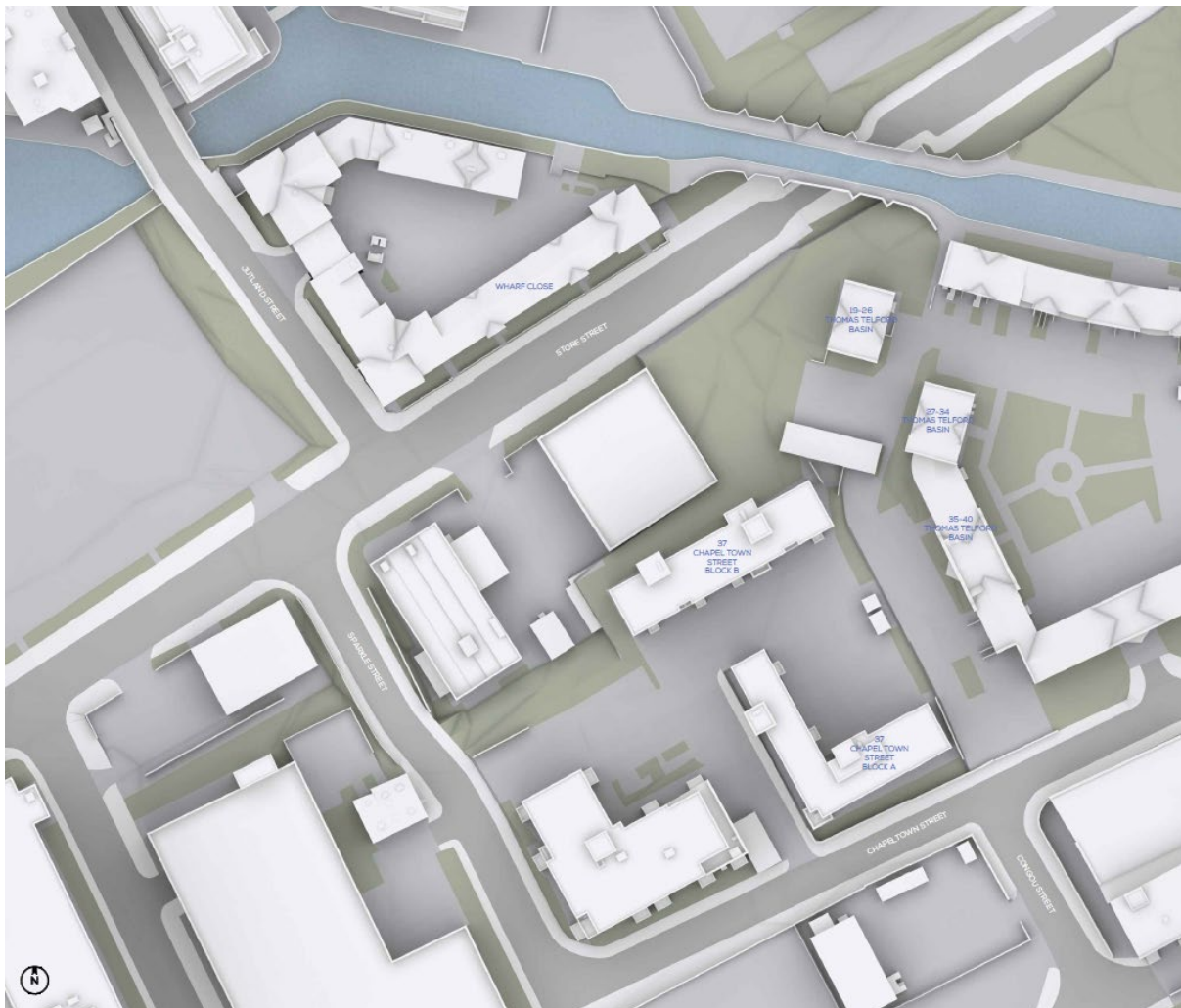
- a) All residential buildings have been identified by reference to the Valuation Office Agency (VOA) search and/or external observation.
- b) We have not sought access to the adjoining properties thus have made reasonable assumptions as to the internal layouts of the rooms behind the fenestration based upon the building form and architecture, unless information was available publicly. This is normal practice where access to adjoining properties is not available. Unless the building form dictates otherwise, we assume a standard 4.2m deep room (14ft) for residential properties.
- c) Floor levels have been assumed for the adjoining properties. This dictates the level of the working plane which is relevant for the No Skyline assessment.

6.0 The Site

The site is bounded by Store Street to the north, the existing residential buildings at Chapeltown Street and Piccadilly Village to the east and south, and neighbouring industrial buildings to the west.

We understand that there are several consented schemes in the immediate surrounding area. We have fully considered these in our assessment, and in our view, there would be no cumulative impact on the elevation of the surrounding properties overlooking the proposed development that form part of this assessment and report.

The drawing extract below shows the existing site:

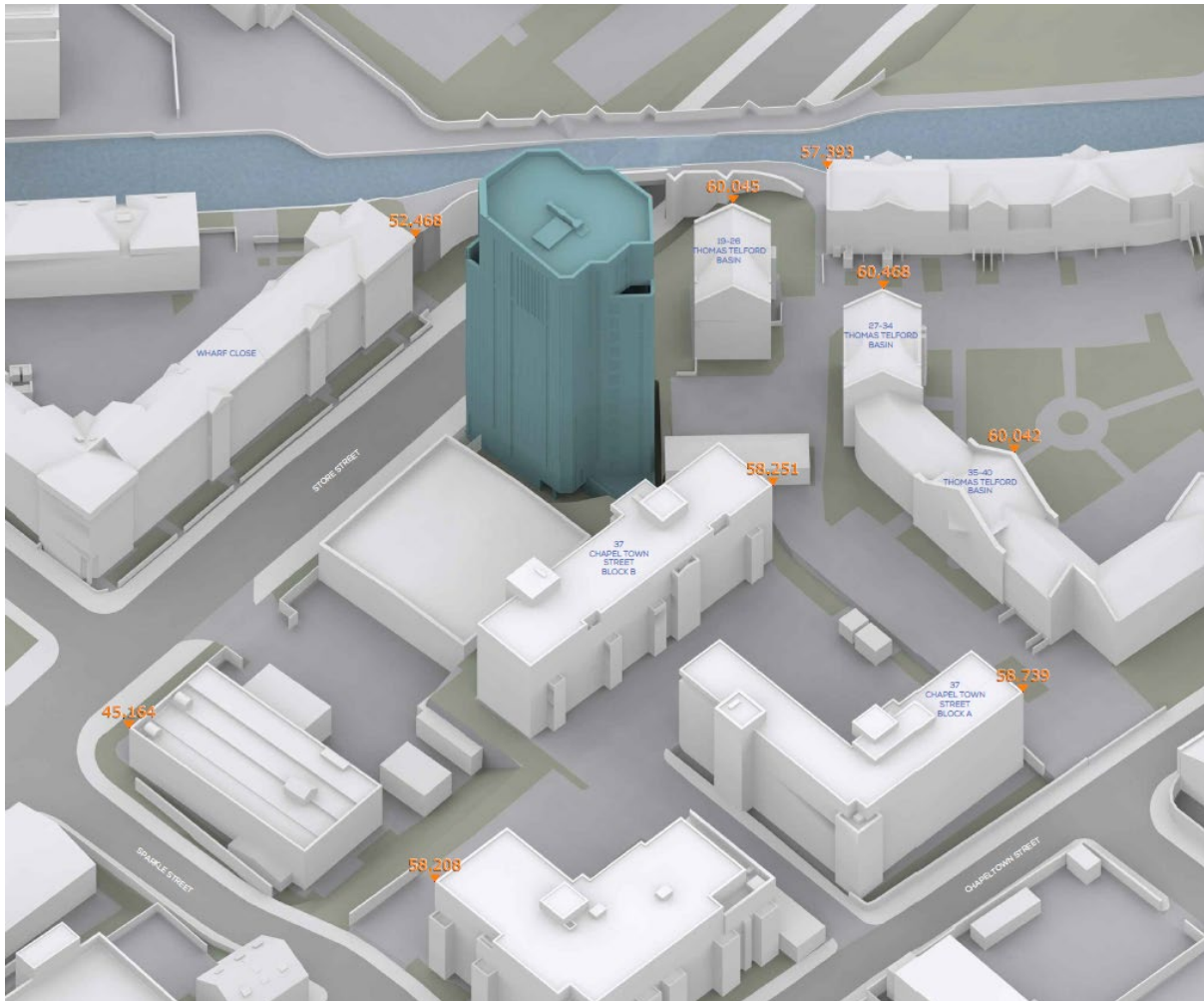


Our understanding of the existing building and the surrounding context is depicted on GIA drawings 1447-REL03-IS02-01, 1447-REL03-IS02-02 and 1447-REL03-IS02-03 within Appendix 02.

7.0 The Proposal

GIA's understanding of the proposed scheme is illustrated in drawings 1447-REL03-IS02-04, 1447-REL03-IS02-05 and 1447-REL03-IS02-06 shown within Appendix 03.

Our analysis of this option is based on the proposed scheme massing models produced by 5plus Architects, received on 18 May 2021.



8.0 Surrounding Properties

We have created a three-dimensional computer model of the site and the surrounding properties to allow for a detailed daylight and sunlight assessment.

The daylight and sunlight review within this report considers existing and consented residential properties only, as they are recognised by the Building Research Establishment (BRE 2011) as having the highest expectation for natural light when compared to other uses, such as commercial.

The benchmark condition of the site allows us to calculate the daylight and sunlight conditions within the neighbouring buildings. From this, we can then compare them with the conditions within these properties, assuming the current proposed development is in place.

The pertinent residential accommodation, which is relevant for a daylight and sunlight assessment, is set out in the table below:

Name/Address of Building	Position in Relation to the Development
Wharf Close	North
19-26 Thomas Telford Basin	East
27-34 Thomas Telford Basin	East
35-40 Thomas Telford Basin	East
37 Chapeltown Street Block A	South
37 Chapeltown Street Block B	South

9.0 Alternative Baseline

The BRE acknowledges that the published values are purely advisory, and different targets may be used based on the special requirements of the proposed development or its location. The proposed development site is currently undeveloped, in a city centre, and in an area of emerging significantly increased density. It would therefore be unreasonable for the existing surrounding buildings to maintain the same levels of daylight and sunlight that they currently receive, and these represent the type of special requirements contemplated by the BRE Guide.

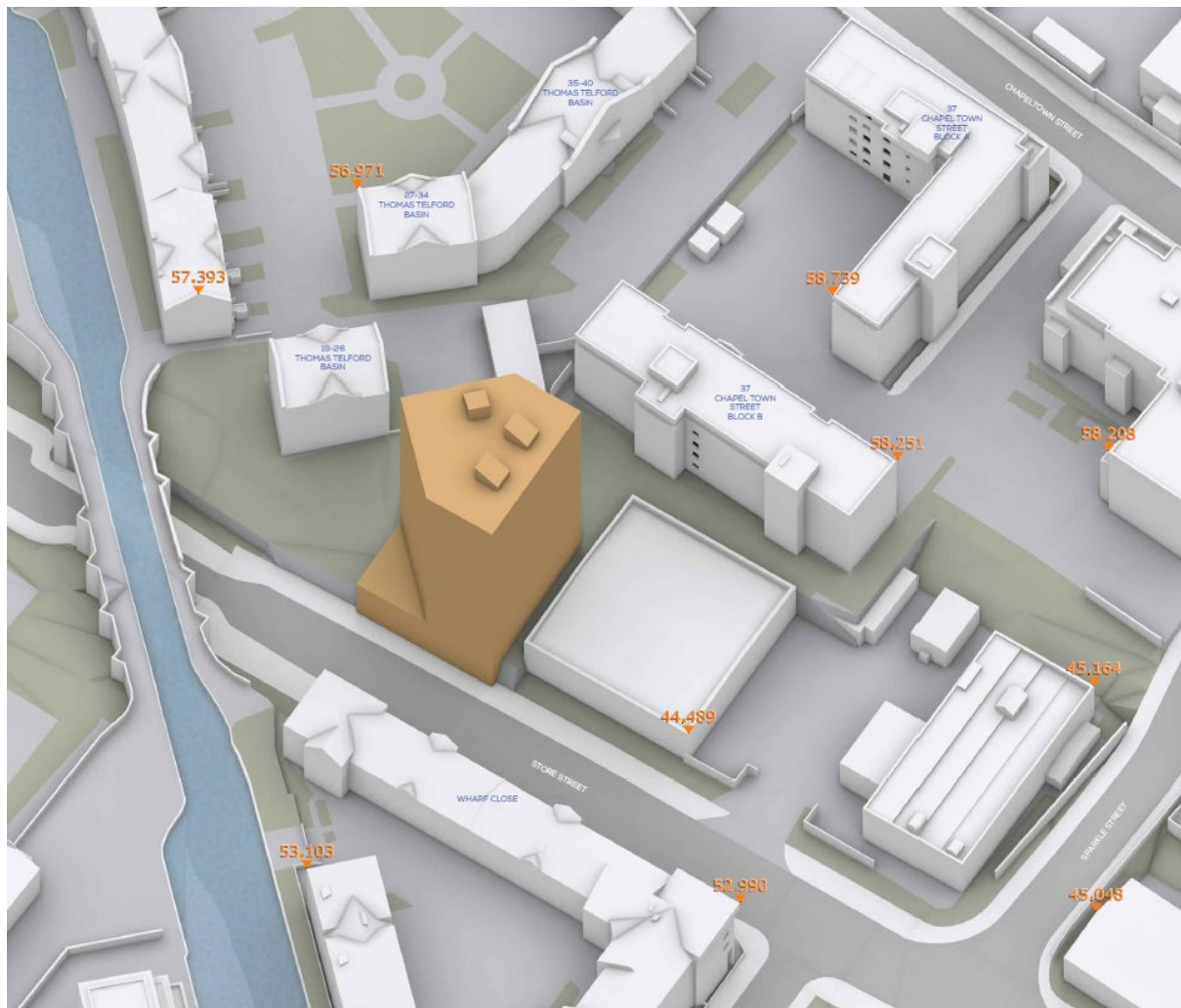
Appendix F of the BRE Guide states that alternative targets may be generated from the layout dimensions of the existing development, or they may be derived from considering the internal layout and daylighting needs of the proposed development itself. For example, sometimes there may be an extant planning permission for a site, but a developer wants to change the design, and the extant permission can be used as the baseline to understand the difference in impact from the extant permission and the new proposal. In assessing the loss of light to existing windows nearby, a local authority may allow the targets for the permitted scheme to be used as alternative benchmarks. This is not the only approach to setting alternative targets and whatever baseline is chosen; it is important that they should be self-consistent.

Sometimes there may be an extant planning permission for a site, but the developer wants to change the design. In assessing the loss of light to existing windows nearby, a local authority may allow the targets for the permitted scheme to be used as alternative benchmarks. Whatever the targets chosen; it is important that they should be self-consistent.

As the permitted scheme only exists on paper, it would be inappropriate for it to be treated in the same way as an existing building, and for the developer to set 0.8 times the values for the permitted scheme as benchmarks. However, the BRE state that a reduction of 0.8 times would not be perceptible and so it can be inferred that an impact that is within 0.8 times of an alternative impact would also not be perceptible.

We have undertaken an analysis considering alternative baselines. In our view this is a much more robust approach than the current empty site. The alternative baseline utilised the former 13-storey consent.

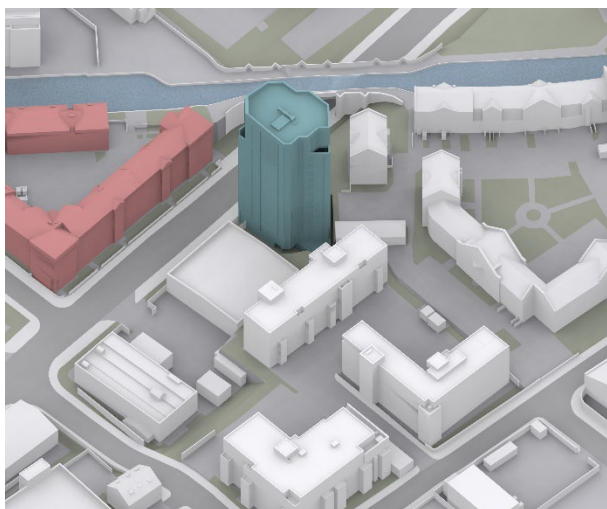
The drawing extract below shows the baseline used for the assessment:



This analysis allows a direct comparison between the levels received with the proposed development in place, against the levels that would be achieved if the 13-storey consent had been built out.

10.0 Results

Wharf Close



Name/Address of Building	Percentage of Windows Compliant for VSC Daylight	Percentage of Rooms Compliant for NSL Daylight	Percentage of Rooms Compliant for APSH Sunlight
Assessment One - Impact from Proposed Development (Using Existing Baseline)			
Wharf Close	14/43 (33%)	38/43 (88%)	5/5 (100%)
Assessment Two - Impact from 13-Storey Historic Consent (Using Existing Baseline) of Building			
Wharf Close	12/43 (28%)	32/43 (74%)	5/5 (100%)

Name/Address of Building	Percentage of windows that meet the VSC targets or are within 0.8 times the alternative level	Percentage of rooms that meet NSL targets or are within 0.8 times the alternative level	Percentage of rooms that meet APSH targets or are within 0.8 times the alternative level
Assessment Three - Impact from Proposed Development (Using 13-Storey Consent as Baseline)			
Wharf Close	43/43 (100%)	43/43 (100%)	5/5 (100%)

It is possible to review the results from assessment one and assessment two, set out in full in Appendix 4, together to understand the levels of daylight that would be received to the surrounding buildings if the proposed development were to be built out, and the levels received if the previous 13-storey consent had been built out instead. For example, Room R10 is a living kitchen diner on the ground floor of Wharf Close. It will not meet the 27% VSC target with either development in place and it will be reduced by more than 0.8 times in both scenarios. As such, it does not meet the BRE criteria. If the 13-storey consent had been built out, it would achieve 20.8% VSC. However, if the proposed development was built out, it would achieve a higher VSC figure of 21.6%.

An extract from the full results in Appendix 4 is shown below to aid with identifying the differences:

					VSC (WINDOW)		
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	EX. %	PR. %	LOSS
WHARF CLOSE							
F00	R3	RESIDENTIAL	LKD	W4/F00	30.8	25.6	5.2
	R4	RESIDENTIAL	KITCHEN (1)	W5/F00	30.9	25.3	5.6
	R5	RESIDENTIAL	KITCHEN (1)	W6/F00	30.8	24.7	6.1
	R6	RESIDENTIAL	LKD	W7/F00	30.6	24	6.6
	R10	RESIDENTIAL	LKD	W12/F00	30.1	21.6	8.5
	R11	RESIDENTIAL	KITCHEN (1)	W13/F00	27.5	18.4	9.1
	R12	RESIDENTIAL	LIVING ROOM	W14/F00	30.3	20.4	9.9
	R13	RESIDENTIAL	LKD	W15/F00	30.3	19.3	11

Extract of results from Assessment One – Impact from Proposed Development

					VSC (WINDOW)		
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	EX. %	PR. %	LOSS
WHARF CLOSE							
F00	R3	RESIDENTIAL	LKD	W4/F00	30.8	25.4	5.4
	R4	RESIDENTIAL	KITCHEN (1)	W5/F00	30.9	25.1	5.8
	R5	RESIDENTIAL	KITCHEN (1)	W6/F00	30.8	24.5	6.3
	R6	RESIDENTIAL	LKD	W7/F00	30.6	23.9	6.7
	R10	RESIDENTIAL	LKD	W12/F00	30.1	20.8	9.3
	R11	RESIDENTIAL	KITCHEN (1)	W13/F00	27.5	17.2	10.3
	R12	RESIDENTIAL	LIVING ROOM	W14/F00	30.3	19	11.3
	R13	RESIDENTIAL	LKD	W15/F00	30.3	18.3	12

Extract of results from Assessment Two – Impact from 13-storey Historic Consent

The extract from the contour plots contained at Appendix 4 also shows how each room and window can be identified:



When the results of both assessments are considered, 36 windows and 33 rooms in Wharf Close will have more daylight with the proposed development in place than if the 13-storey consent had been built out instead. Two rooms will have more sunlight. All the daylight levels in Wharf Close will be the same, better or within 20% or 0.8 times the figure with the proposed development in place than they would be with the 13-storey consent built out. Whilst there will be impact from both developments, with an improvement with the proposed development in place, the difference in impact would not be perceptible.

Thomas Telford Basin

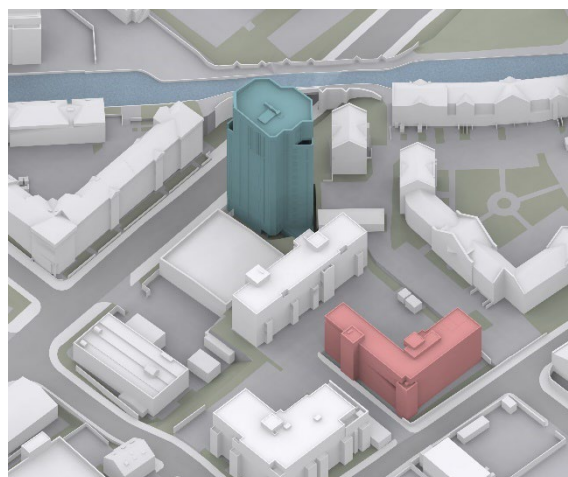
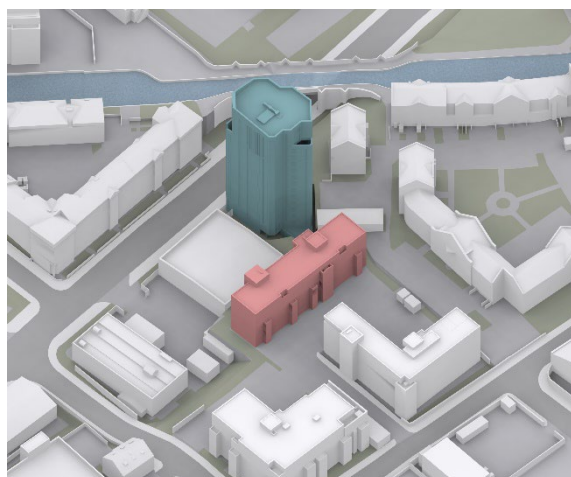


Name/Address of Building	Percentage of Windows Compliant for VSC Daylight	Percentage of Rooms Compliant for NSL Daylight	Percentage of Rooms Compliant for APSH Sunlight
Assessment One - Impact from Proposed Development (Using Existing Baseline)			
Thomas Telford Basin	51/76 (67%)	48/49 (98%)	15/15 (100%)
Assessment Two - Impact from 13-Storey Historic Consent (Using Existing Baseline) of Building			
Thomas Telford Basin	65/76 (86%)	43/52 (83%)	15/15 (100%)

Name/Address of Building	Percentage of windows that meet the VSC targets or are within 0.8 times the alternative level	Percentage of rooms that meet NSL targets or are within 0.8 times the alternative level	Percentage of rooms that meet APSH targets or are within 0.8 times the alternative level
Assessment Three - Impact from Proposed Development (Using 13-Storey Consent as Baseline)			
Thomas Telford Basin	72/76 (95%)	49/49 (100%)	15/15 (100%)

In Thomas Telford Basin, one window and 11 rooms will have more daylight with the proposed development in place than if the 13-storey consent had been built out instead. Except for four bedroom windows, all the daylight levels in Thomas Telford will be the same, better or within 20% or 0.8 times the figure with the proposed development in place than they would be with the 13-storey consent built out. Whilst there will be impact from both developments, the difference in impact would only be perceptible to four bedroom windows.

Chapeltown Street



Name/Address of Building	Percentage of Windows Compliant for VSC Daylight	Percentage of Rooms Compliant for NSL Daylight	Percentage of Rooms Compliant for APSH Sunlight
Assessment One - Impact from Proposed Development (Using Existing Baseline)			
Chapeltown Street	46/72 (64%)	34/43 (79%)	4/4 (100%)
Assessment Two - Impact from 13-Storey Historic Consent (Using Existing Baseline) of Building			
Chapeltown Street	49/72 (68%)	37/43 (86%)	4/4 (100%)

Name/Address of Building	Percentage of windows that meet the VSC targets or are within 0.8 times the alternative level	Percentage of rooms that meet NSL targets or are within 0.8 times the alternative level	Percentage of rooms that meet APSH targets or are within 0.8 times the alternative level
Assessment Three - Impact from Proposed Development (Using 13-Storey Consent as Baseline)			
Chapeltown Street	72/72 (100%)	42/43 (98%)	4/4 (100%)

In Chapeltown Street, seven windows and 19 rooms will have more daylight with the proposed development in place than if the 13-storey consent had been built out instead. Except for one room on the ground floor, all the daylight levels will be the same, better or within 20% or 0.8 times the figure with the proposed development in place than they would be with the 13-storey consent built out. Whilst there will be impact from both developments, the difference in impact would only be perceptible to one room.

11.0 Conclusions

We have undertaken a daylight and sunlight assessment for the proposed development on Piccadilly Wharf, Manchester.

The results show that any impact resulting from the proposed development is very similar to that resulting from the 13-storey consent.

Overall, the surrounding properties will continue to exhibit good levels of daylight and sunlight with the proposed development in place and as such, the overall impact of the scheme on the surrounding residential properties is considered wholly acceptable.

Appendix 01

Principles of Daylight and Sunlight

Principles of Daylight and Sunlight

Background

The quality of amenity and open spaces is often stipulated within planning policy for protection or enhancement and is often a concern for adjoining properties and other interested parties.

Historically the department of environment provided guidance in the issues, and in this country, this role has now been taken on by the building research establishment (BRE), the British standards institutions (BSI) and the chartered institute of building services engineers (CIBSE). Fortunately they have collaborated in many areas, to provide as much unified advice as possible in the form of industry best practice.

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 as well as the creation of proposed dwellings with high levels of daylight and sunlight amenities.

In terms of considering what is material local authorities typically refer to the BRE guidelines and apply their criteria set out within. The guidelines were originally produced out in 1991, but superseded by the BRE guidelines (2011) *site layout planning for daylight and sunlight*.

Where developers are seeking to maximise their development value, it is often in the area of daylight and sunlight issues that they may seek to push the boundaries. Particularly in London, there is a priority on the creation of more housing and thus resulting in the densification of urban areas. Local authorities vary in their attitude of how flexible they can be with the degree of impact on the daylight and sunlight amenity enjoyed by neighbouring owners and it is one factor among many planning aspects considered when determining an application. In city centres where high density is common, the protection of amenity is more challenging and there are many factors that need to be taken into account: each case has to be considered on its own merits.

The BRE Guidelines

The guidelines are typically referred to for daylight and sunlight amenity issues, however they were not intended to be used as an instrument of planning policy. In the introduction of 'Site Layout Planning for Daylight and Sunlight (2011)', section 1.6 (page 1), 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 because 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 an 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".

Again, the paragraph 2.2.3 (page 7) 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".

Principles of Daylight and Sunlight

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 around London, for e.g. The approach to creating alternative criteria is detailed within Appendix F of the BRE.

Measurement and Criteria for Daylight and Sunlight as set out in the BRE Guidelines

The BRE guidelines state that they are;

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

They are therefore primarily designed to be used for residential properties however, 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, hostels, small workshop and some offices.

Daylight

In the first instance, if a proposed development falls beneath a 25 degree angle taken from the centre point of the lowest window, then the BRE suggests that no further analysis is required as there will be adequate sky light (i.e. sky visibility). This rule is applied when considering the scope of any assessments.

The BRE guidelines provide two methods for calculating daylight to existing surrounding properties:

- Vertical Sky Component (VSC)
- No Sky Line (NSL) also referred to as daylight distribution

A further method, the Average Daylight Factor (ADF) is provided for calculating daylight within proposed properties. However, it is sometimes applied as a supplementary assessment for existing surrounding properties.

Each method is described below:

Vertical Sky Component

Methodology

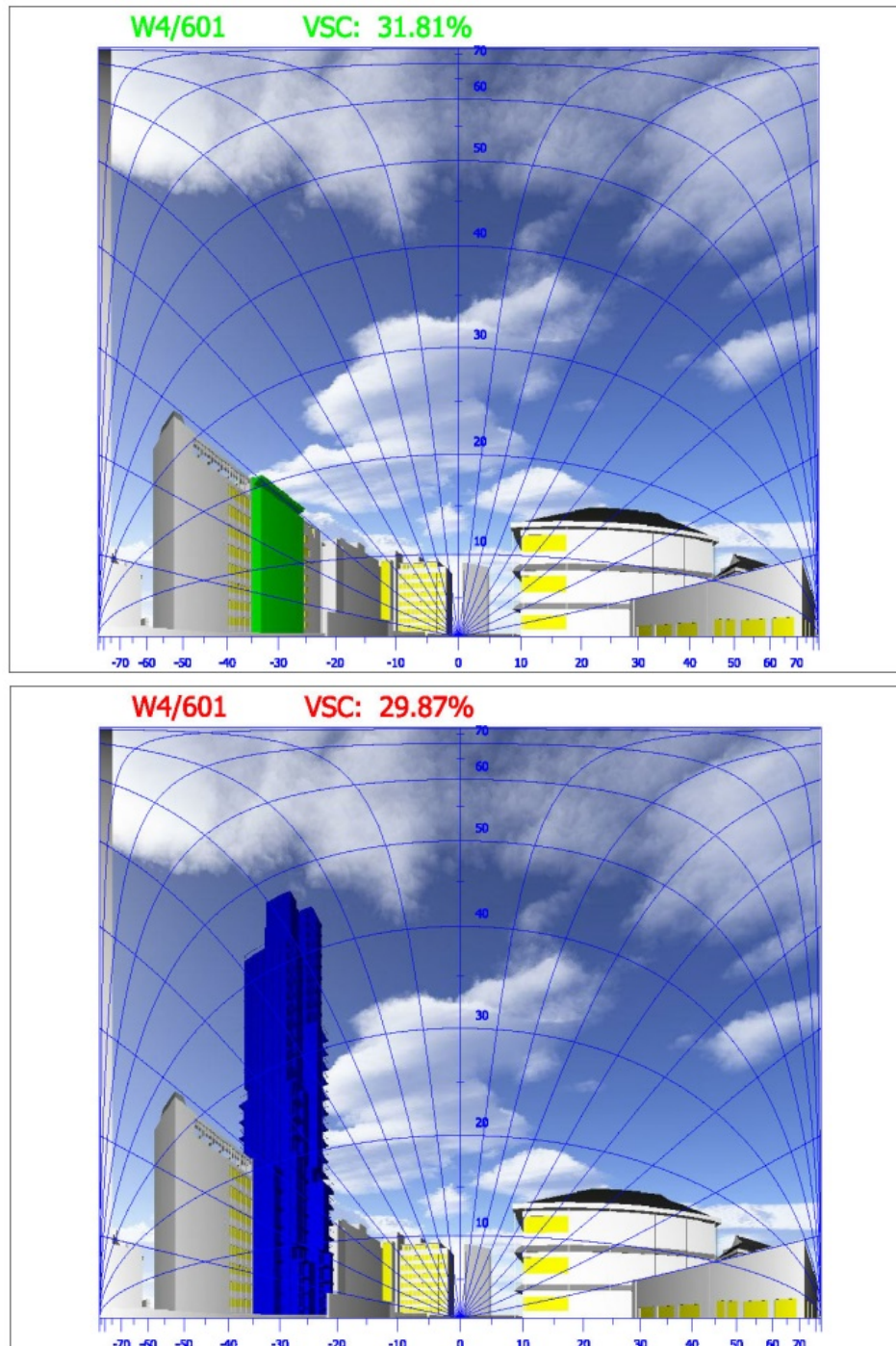
This is defined in the BRE as:-

"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 illuminate on a horizontal plane due to an unobstructed hemisphere of this sky."

This statement means, in practice that if one had a totally unobstructed view of the sky, looking in a single direction, then just under 40% of the complete hemisphere would be visible. The measurement of this vertical sky component is undertaken using two indicators, namely a skylight indicator and a transparent direction finder.

Principles of Daylight and Sunlight

Alternatively a further method of measuring the VSC, which is easier to understand both in concept and analysis, is often more precise and can deal with more complex instructions, is that of the Waldram diagram.



The point of reference is the same as for the skylight indicator, at the centre of the outward window face. Effectively a snap shot is taken from that point of the sky in front of the window, before and after the obstruction is put in place together with all the relevant obstructions to it, i.e. the buildings.

Principles of Daylight and Sunlight

An unobstructed sky from that point of reference would give a vertical sky component of 39.6%, corresponding to 50% of the hemisphere, and therefore the purpose of the diagram is to discover how much sky remains once obstructions exist in front of that point.

Criteria

The BRE Handbook provides criteria for:

- (a) New Development
- (b) Existing Buildings
- (c) Adjoining Development Land

- (a) New Development

Paragraph 2.1.21 of the BRE states that:

"Obstructions can limit access to light from the sky. This can be checked by measuring or calculating the angle of visible sky 'theta', angle of obstruction or Vertical Sky Component (VSC) at the centre of the lowest window where daylight is required. If VSC is:

- at least 27% ('theta' is greater than 65 degrees, obstruction angle less than 25 degrees) conventional window design will usually give reasonable results.
- between 15% and 27 % ('theta' is between 45 degrees and 65 degrees, obstruction angle between 25 degrees and 45 degrees) special measures (larger windows, changes to room layout) are usually needed to provide adequate daylight.
- between 5% and 15% ('theta' is between 25 degrees and 45 degrees, obstruction angle between 45 degrees and 65 degrees) it is very difficult to provide adequate daylight unless very large windows are used.
- less than 5% ('theta' less than 25 degrees, obstruction angle more than 65 degrees) it is often impossible to achieve reasonable daylight, even if the whole window wall is glazed."

- (b) Existing Buildings

Para 2.2.21 (page 11) of the BRE states:

"If any part of a new building or extension measured in a vertical section perpendicular to a main window wall of an existing building, from the centre of the lowest window, subtends an angle of more than 25 degree to the horizontal, then the diffuse daylighting of the existing building may be adversely affected. This will be the case if the vertical sky component measured at the centre of an existing main window is less than 27%, and less than 0.8 times its former value".

The VSC provide a quick and simple test which looks to give an early indication of the potential for light at the window face. However considered in isolation, it does not, in any fashion, indicate the quality of actual light within a space. It does not take into account the window size, the room size or room use. It helps by indicating that if there is an appreciable amount of sky visible from a given point there will be a reasonable potential for daylighting.

Principles of Daylight and Sunlight

(c) Adjoining Development Land

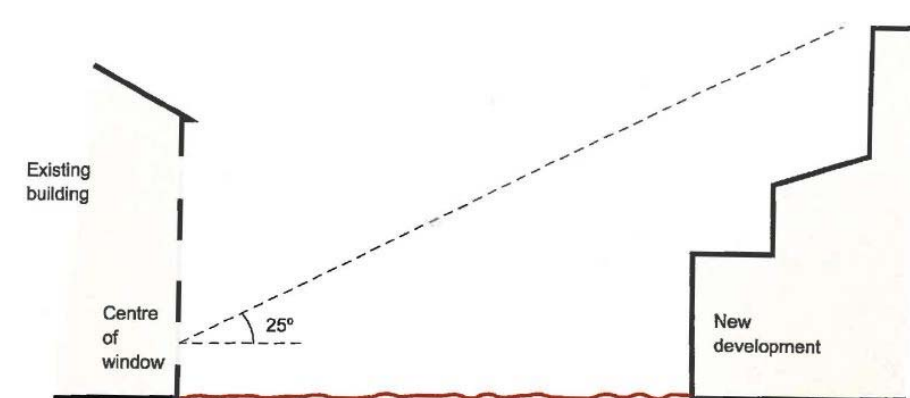
Paragraph 2.3.10 of the BRE guidelines states:

"in broad general terms, a development site next to a proposed new building will retain the potential for good diffuse daylighting provided that on each common boundary:

- (a) no new building, measured in a vertical section perpendicular to the boundary, from a point 1.6m above ground level, subtends an angle of more than 43 degrees to the horizontal;*
- (b) or, if (a) is not satisfied, then all points 16m above the boundary line are within 4m (measured along the boundary) of a point which has a VSC (looking towards the new building(s)) of 17% or more 2m above ground level are within 4m (measured sideways) of a point which has a vertical sky component of 27% or more.*

Alternative VSC criteria as per Appendix F of the BRE guidelines

The 27% VSC target criteria is based upon a sub-urban type environment whereby a 25 degree line was taken from the centre point on a ground floor window as shown below:



However, in city centre locations and urban areas where density levels are increasing, these values may not be considered appropriate. The BRE guidelines provide that *"different targets may be used based on the special requirements of the proposed development or its location"* (paragraph F1).

Appendix F of the BRE suggests several approaches as to how alternative targets may be considered including:

- Consented scheme – use of an extant planning permission to establish alternative benchmark criteria for VSC and APSH. It is not appropriate to treat a permitted scheme in the same manner as an existing building and allow a 20% reduction beyond this. If the levels of daylight and sunlight retained are similar to a previously consented scheme then it follows these levels should be considered acceptable again, notwithstanding other planning considerations.
- Mirror massing – to ensure a development matches the height and proportions of existing buildings, the VSC and APSH targets could be set to those of a mirror image of the same height and size, an equal distance away from the boundary (paragraph F5).
- Consider surrounding context and existing obstruction angles as well as spacing to height ratios.

Principles of Daylight and Sunlight

In addition, due to the requirements for external amenity space within local planning policies, many residential buildings are served by balconies. Balconies can restrict the view of the sky dome whereby even the modest obstruction may result in a large relative impact on the VSC. The BRE guidelines therefore provide that an assessment can be carried out comparing the levels of VSC with and without the balconies in place for both the existing and proposed scenarios, to establish whether it is the presence of the balcony or the size of the new obstruction that is the main factor in the loss of light (paragraph 2.2.11).

No Sky Line

Methodology

The NSL method is a measure of the distribution of daylight at the working plane within a room. The 'working plane' means a horizontal 'desktop' plane 0.85m in height for residential properties. The NSL divides those areas of the working plane which can receive direct sky light from those which cannot. If a significant area of the working plane lies beyond the NSL (i.e. it receives no direct sky light), then the distribution of daylight in the room will be poor and supplementary electric lighting may be required.

It is similar to the VSC approach in that a reduction of 0.8 times in the area of sky visibility at the working plane may be deemed to be noticeable. It is however, very dependent upon knowing the actual room layouts or having a reasonable understanding of the likely layouts.

It is assessed by plotting the area of a room which can see the sky and which cannot, referred to as the NSL contour or daylight distribution contour. The contours assist in helping to understand the way the daylight is distributed within a room and the comparisons of existing and limitations of proposed circumstances within neighbouring properties. Like the VSC method, it relates to the amount of visible sky but does not consider the room use in its criteria, it is simply a test to assess the change in position of the No Sky Line, between the existing and proposed situation. It does take into account the number and size of windows to a room, but does not give any quantitative or qualitative assessment of the light in the rooms, only where sky can or cannot be seen.

Criteria

BS 8206 Part 2 (para 5.7) that the:

"uniformity of daylight is considered to be unsatisfactory if a significant part of the working plane (normally more than 20%) lies behind the no-sky line".

Therefore, it is implied that an NSL of at least 80% would be considered satisfactory in regards to deep rooms which are lit by windows on one side, the BRE Guidelines state (para, 2.2.10):

In regards to the alteration as a result of a proposed development or obstruction the BRE provide that the daylight may be adversely affected if *"the area of the working plane in a room which can receive direct skylight is reduced to less than 0.8 times its former value."*

Principles of Daylight and Sunlight

Average Daylight Factor

Methodology

The Average Daylight Factor (ADF) is defined within the 2011 BRE Guidelines as:

'a ratio of total daylight flux incident on a reference area to the total area of the reference area, expressed as a percentage of outdoor luminance on a horizontal plane, due to an unobstructed sky of assumed or known luminance distribution'.

Whilst the BRE guidelines provide this measure as a tool to understand daylight within proposed dwellings not existing dwellings, if room layouts are known it can provide a useful supplementary measure of daylight and is often requested by many local authorities.

The ADF method of assessment considers:

- The diffuse visible transmittance of the glazing to the room in question (i.e. how much light gets through the window glass). A transmittance value of 0.8% is assumed for single glazing and 0.65% for double glazed windows;
- The net glazed area of the window in question;
- The total area of the room surfaces (ceiling, walls, floor and windows); and
- The angle of visible sky reaching the window(s) in question

In addition, the ADF method makes allowance for the average reflectance of the internal surfaces of the room and of external obstruction (assumed to be 0.5 unless otherwise stated).

Criteria

The criteria for ADF is taken from the British Standard 8206 part II which gives the following criteria based on the room use:

- Bedroom – 1% ADF
- Living room – 1.5% ADF
- Kitchen – 2% ADF

Where a room has multiple uses such as a living kitchen diner (LKD) or a studio apartment, the highest value is taken so in these cases the required ADF is 2%.

Sunlight

Methodology

The BS 8206 part 2 (section 5.2) states that:

"Provided that the entry of sunlight is properly controlled, it is generally welcome in most buildings in the UK. Dissatisfaction can arise as much from the permanent exclusion of sunlight as from its excess. The provision of sunlight is important in dwellings, particularly during winter months. Sunlight is especially valued in habitable rooms used for long periods during the day."

Principles of Daylight and Sunlight

Sunlight is measured using a sun indicator which contains 100 spots, each representing 1% of Annual Probable Sunlight Hours (APSH). Where no obstruction exists the total APSH would amount to 1486 hours and therefore each spot equates to 14.86 hours of the total annual sunlight hours.

The number of spots is calculated for both the whole year and also during the winter period (21st September to 21st March) prior to an obstruction and after the obstruction is put in place. This provides a percentage of APSH for each of the time periods for each window assessed. The 2011 BRE Guidelines note that:

- *"In housing, the main requirement for sunlight is in living rooms, where it is valued at any time of day, but especially in the afternoon."*
- *"all main living rooms of dwellings...should be checked if they have a window facing within 90° of due south. Kitchens and bedrooms are less important, although care should be taken not to block too much sun"; and*
- *"If the main living room to a dwelling has a main window facing within 90° of due north, but a secondary window facing within 90° of due south, sunlight to the secondary window should be checked."*
- *"...a south facing window will, in general, receive most sunlight, while a north facing one will receive it only on a handful of occasions. East and west facing windows will receive sunlight only at certain times of day".*

When a room has multiple windows, not all may have a southerly orientation however, these windows may contribute to the levels of sunlight within a given room even if by 1-2% APSH. As well as the assessment on a window basis the BRE guidelines provide that an assessment can be undertaken on a room basis.

Whilst the emphasis of the BRE guidelines is in regards to living rooms, it is not always possible to determine the room uses within all of the properties assessed and therefore typically all windows or all rooms with windows facing within 90 degrees of due south and facing the site are assessed.

Criteria

The BRE provide that for existing buildings a window maybe adversely affected if a point at the centre of a window receives:

- Less than 25% of the APSH during the whole year, of which 5% APSH must be in the winter period; and
- Receives less than 0.8 times its former sunlight hours in either time period; and
- Has a reduction in sunlight for the whole year more than 4% APSH.

In terms of the assessment on a room basis the criteria applied is the same.

For proposed buildings the BRE provide (paragraph 3.1.15) that a dwelling or building which has a particular requirement for sunlight will appear reasonably sunlit provided:

- At least one main window faces within 90 degrees of due south; and

Principles of Daylight and Sunlight

- Centre of one main living room window can receive 25% of APSH including 5% APSH in the winter months.

It continues that where groups of dwellings are planned the layout should aim to maximise the number of living rooms that meet the above recommendations.

Overshadowing

As well as daylight and sunlight amenity to neighbouring dwellings, planning policy often refers to the levels of overshadowing to amenity areas such as parks, public squares, playgrounds etc. The BRE guidelines provide two methods of calculation in regards to overshadowing which are as follows:

Sun Hours on Ground

Methodology

This method of overshadowing assessment uses the sun on ground indicator to determine the areas which receive direct sunlight and those which do not. This method applies to both new and existing areas of amenity space. The BRE Guidelines suggest that the Spring Equinox (21st March) is a suitable date for the assessment as this is the midpoint of the sun's position throughout the year. Using specialist software, the path of the sun is tracked to determine where the sun would reach the ground and where it would not.

Criteria

The BRE guidelines recommend that at least half of an amenity space should receive at least 2 hours of direct sunlight on March 21st. In regards to existing spaces where the existing sunlit area is less than half of the area, the area which receives 2 hours of sunlight should not be reduced by more than 20% (it should retain 0.8 times its former value).

Transient Overshadowing

The BRE guidelines suggest that where large buildings are proposed which may affect a number of gardens or open spaces, it is useful to plot a shadow plan to illustrate the location of shadows at different times of the day and year. For the purpose of this assessment, shadow has been mapped at the following times of the year:

- 21st March (spring equinox)
- 21st June (Summer solstice)
- 21st December (winter solstice)

The September equinox is not assessed as this would provide the same results as those for March 21st.

For each of these dates the overshadowing is calculated at hourly intervals throughout the day however some images may not be present given the early sun set during the winter period.

The BRE guidelines do not provide any criteria for transient overshadowing. Therefore the analysis provides a description of where additional shadow is cast as a result of a development with professional judgement to determine the effect comparing the shadow resulting from the proposed development against that of the existing site.

Principles of Daylight and Sunlight

Light pollution and Solar Glare

Light pollution is defined as any light emitting from artificial sources into spaces where it is not wanted for example from offices into neighbouring residential properties where it could cause a nuisance. The ILP Guidance notes provide details of how to measure light pollution and criteria based on the urban density of the respective area to determine the acceptability of the light levels.

Solar glare is particularly important at pedestrian and road junctions as well as along railway lines where the glare can cause a temporary blinding of drivers or pedestrians. Glare can occur from reflective materials such as glazed areas or metal cladding on the facades. This assessment is therefore undertaken from viewpoints surrounding the site at junctions and positioned at the driver's eye level. Focal points are dictated by the location of signals or oncoming traffic.

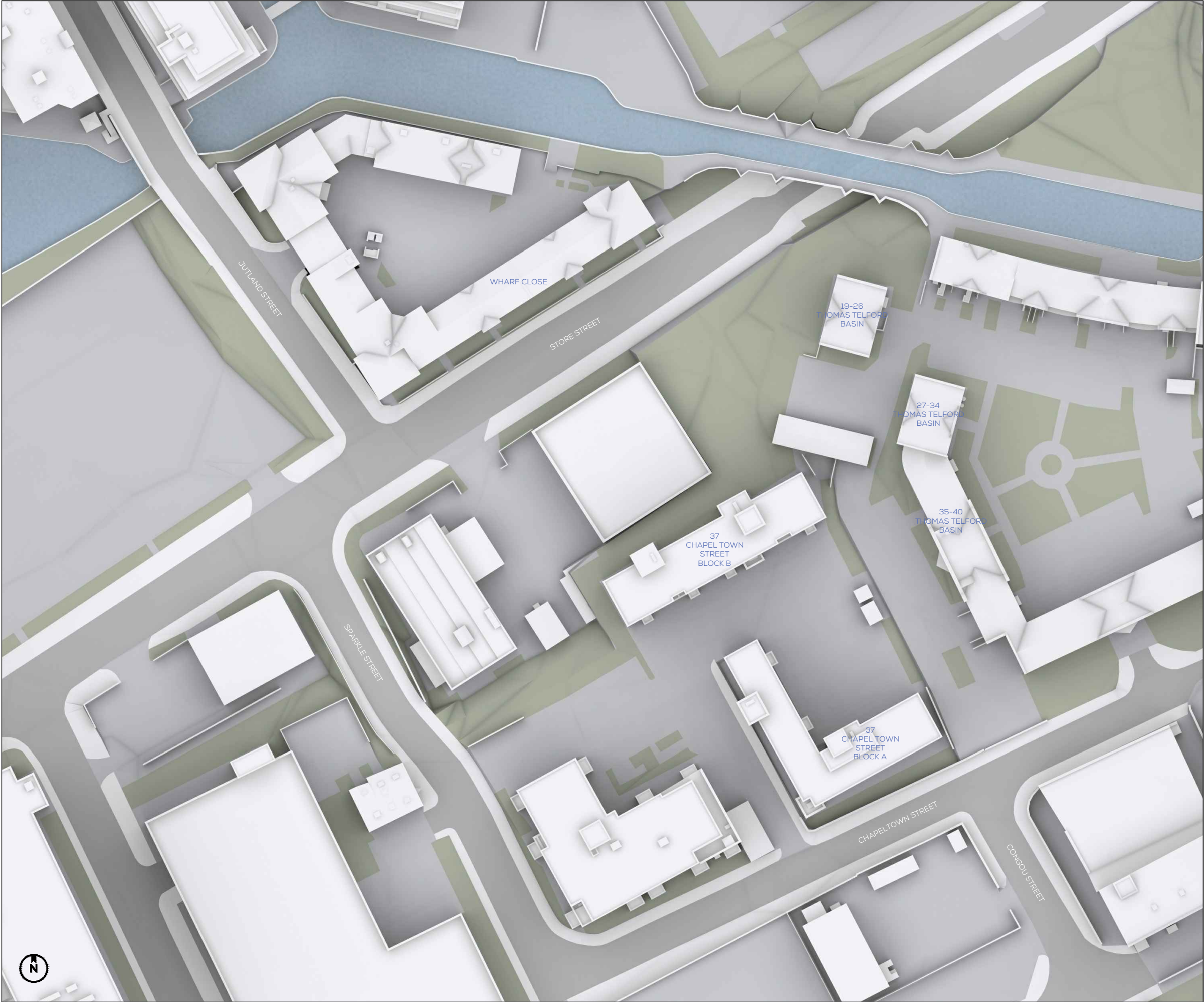
Other Amenity Considerations

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:

- outlook
- sense of enclosure
- privacy
- access to outdoor space e.g. balconies or communal garden/courtyard

Appendix 02

Existing Drawings



SOURCES OF INFORMATION

IR04-20210107-Baseline
IR12 - 20210518- 5 PLUS

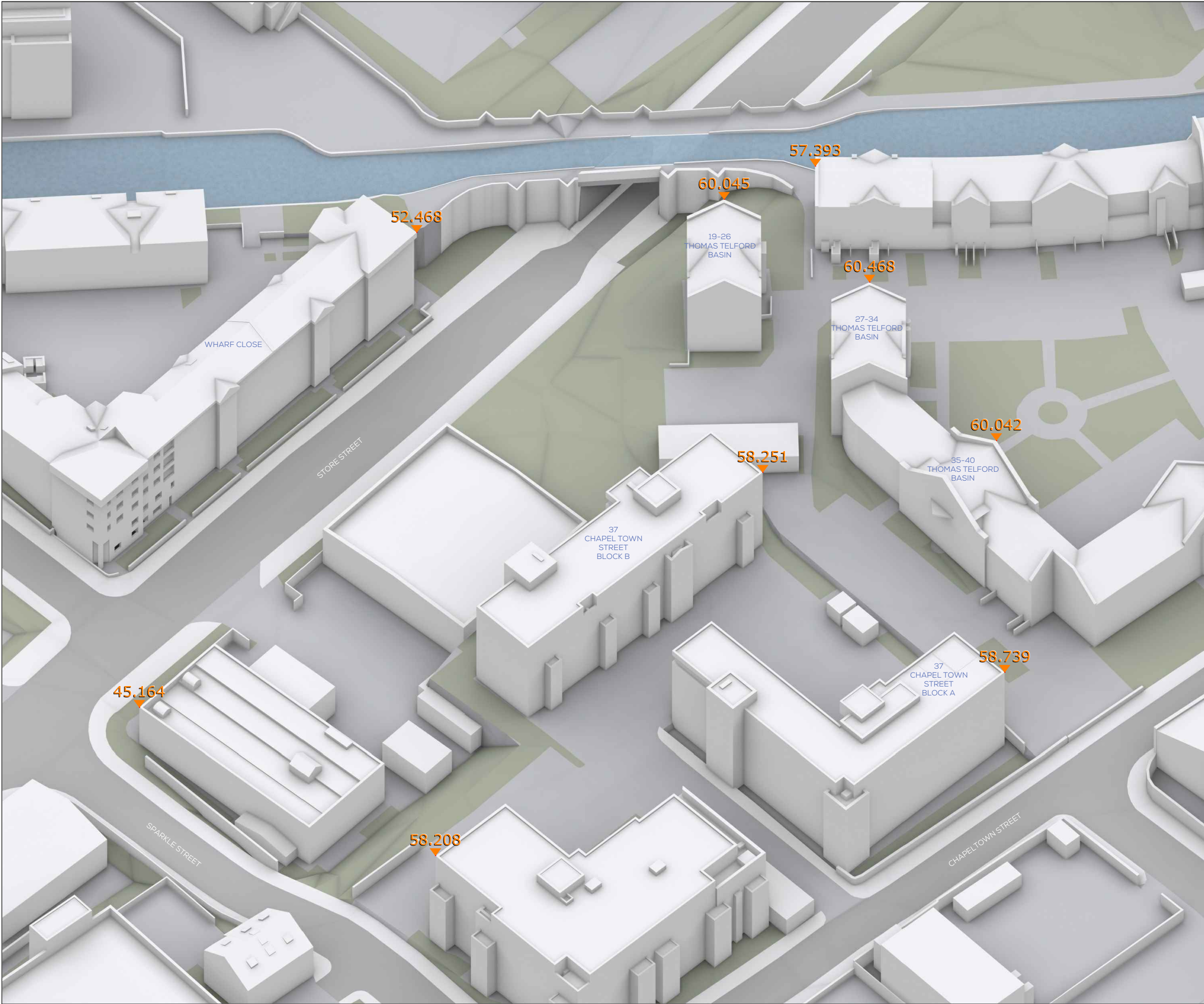
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NOTES:

N.B. DO NOT SCALE OFF THIS DRAWING
PROJECT:
STORE STREET, MANCHESTER

DRAWING NAME:
PLAN VIEW EXISTING

DWN BY	SCALE	CHK BY	STATUS	DATE
ML	NTS	SP	-	MAY21
PROJ No.	REL No.	IS No.	DWG No.	REV No.
1447	03	02	01	-



SOURCES OF INFORMATION

IR04-20210107-Baseline
IR12 - 20210518- 5 PLUS

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.

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STORE STREET, MANCHESTER

DRAWING NAME:
3D VIEW EXISTING

DWN BY	SCALE	CHK BY	STATUS	DATE
ML	NTS	SP	-	MAY21
PROJ No.	REL No.	IS No.	DWG No.	REV No.
1447	03	02	02	-



SOURCES OF INFORMATION

IR04-20210107-Baseline
IR12 - 20210518- 5 PLUS

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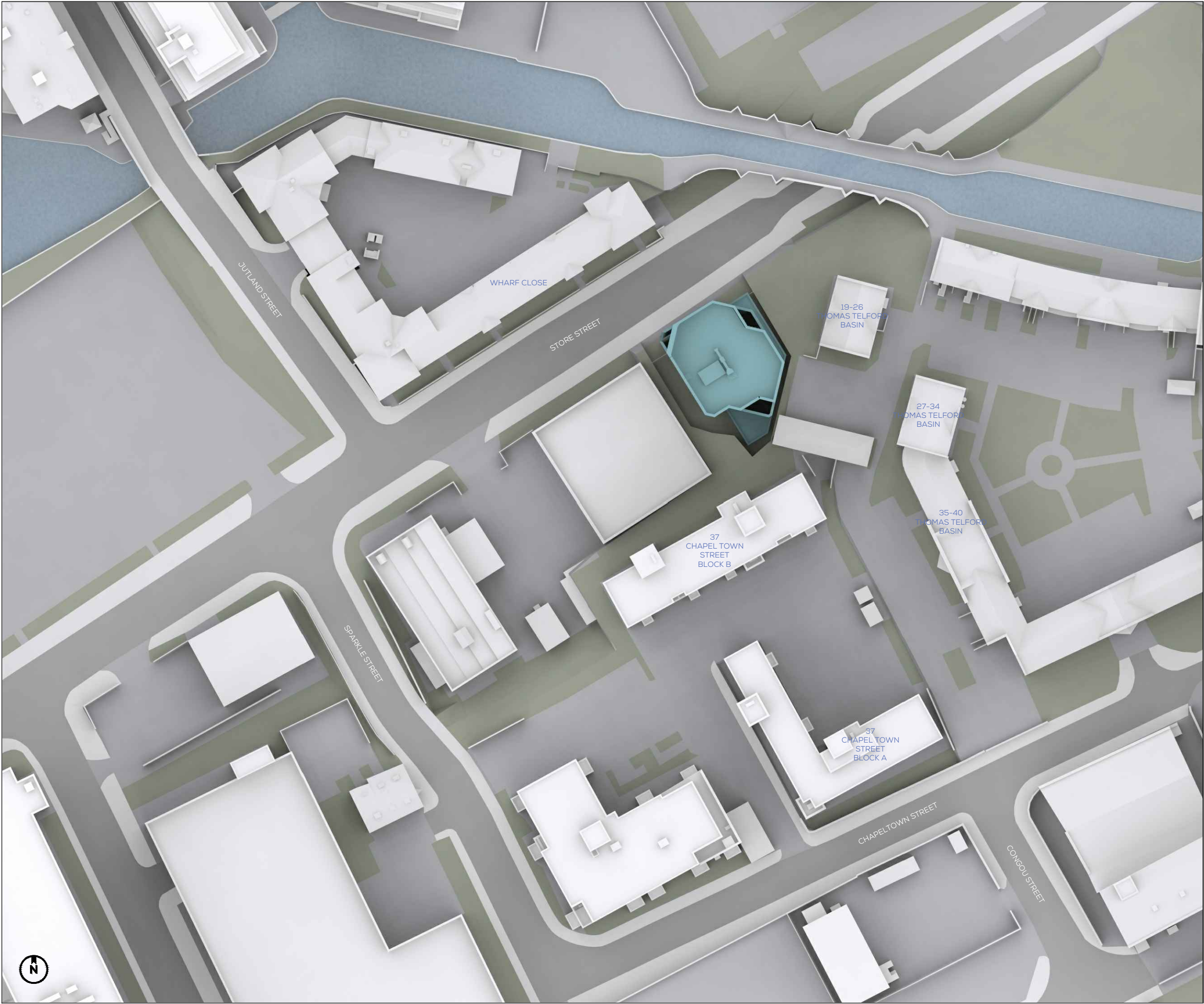
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PROJ No.	REL No.	IS No.	DWG No.	REV No.
1447	03	02	03	-

Appendix 03

Proposed Drawings



SOURCES OF INFORMATION

IR04-20210107-Baseline
IR12 - 20210518- 5 PLUS

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NOTES:
PROPOSED SCHEME SHOWN IN TEAL

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PROJ No.	REL No.	IS No.	DWG No.	REV No.
1447	03	02	04	-

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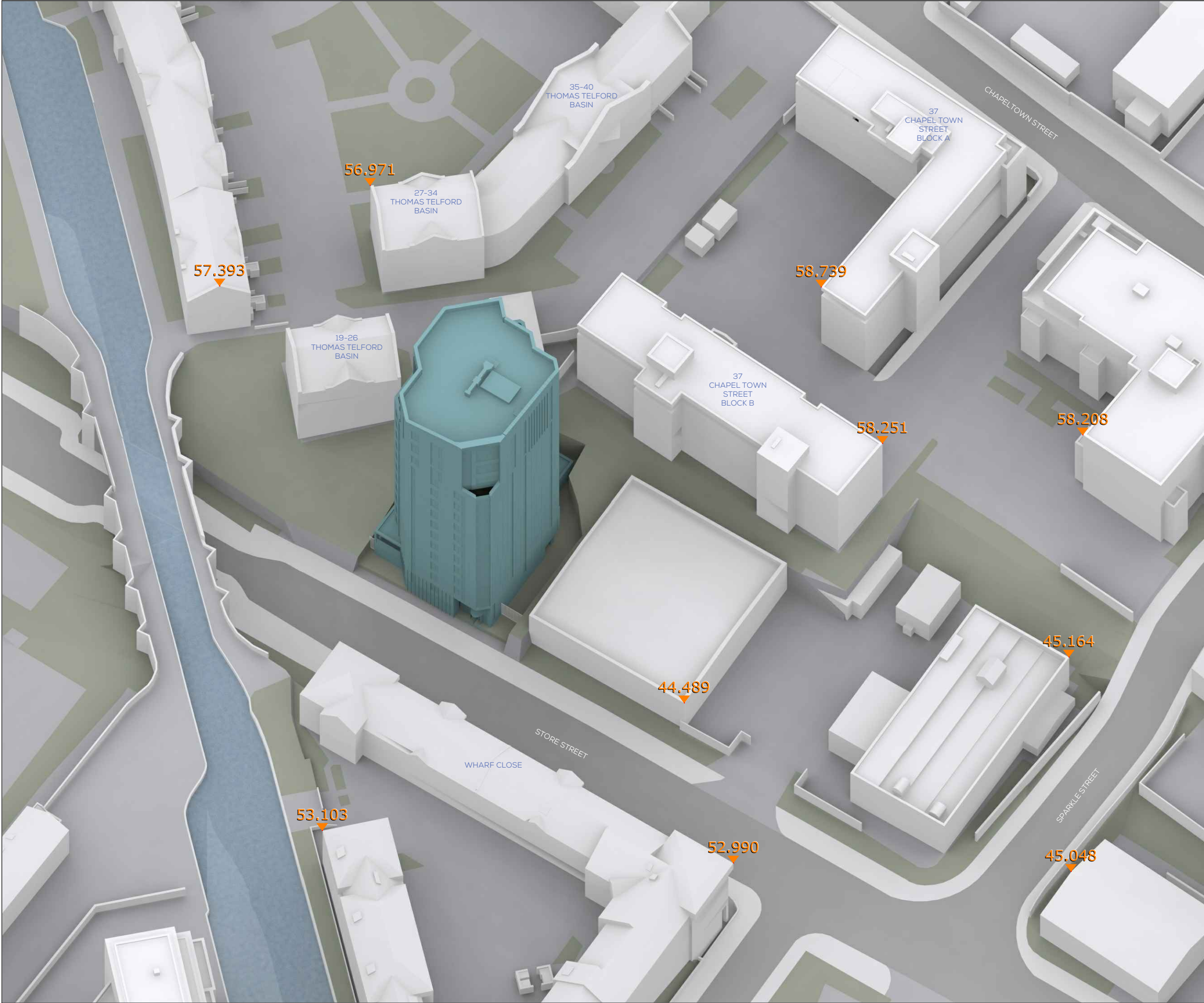
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ML	NTS	SP	-	MAY21
PROJ No.	REL No.	IS No.	DWG No.	REV No.
1447	03	02	05	-

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PROJ No.	REL No.	IS No.	DWG No.	REV No.
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Appendix 04

Results & Contour Plots

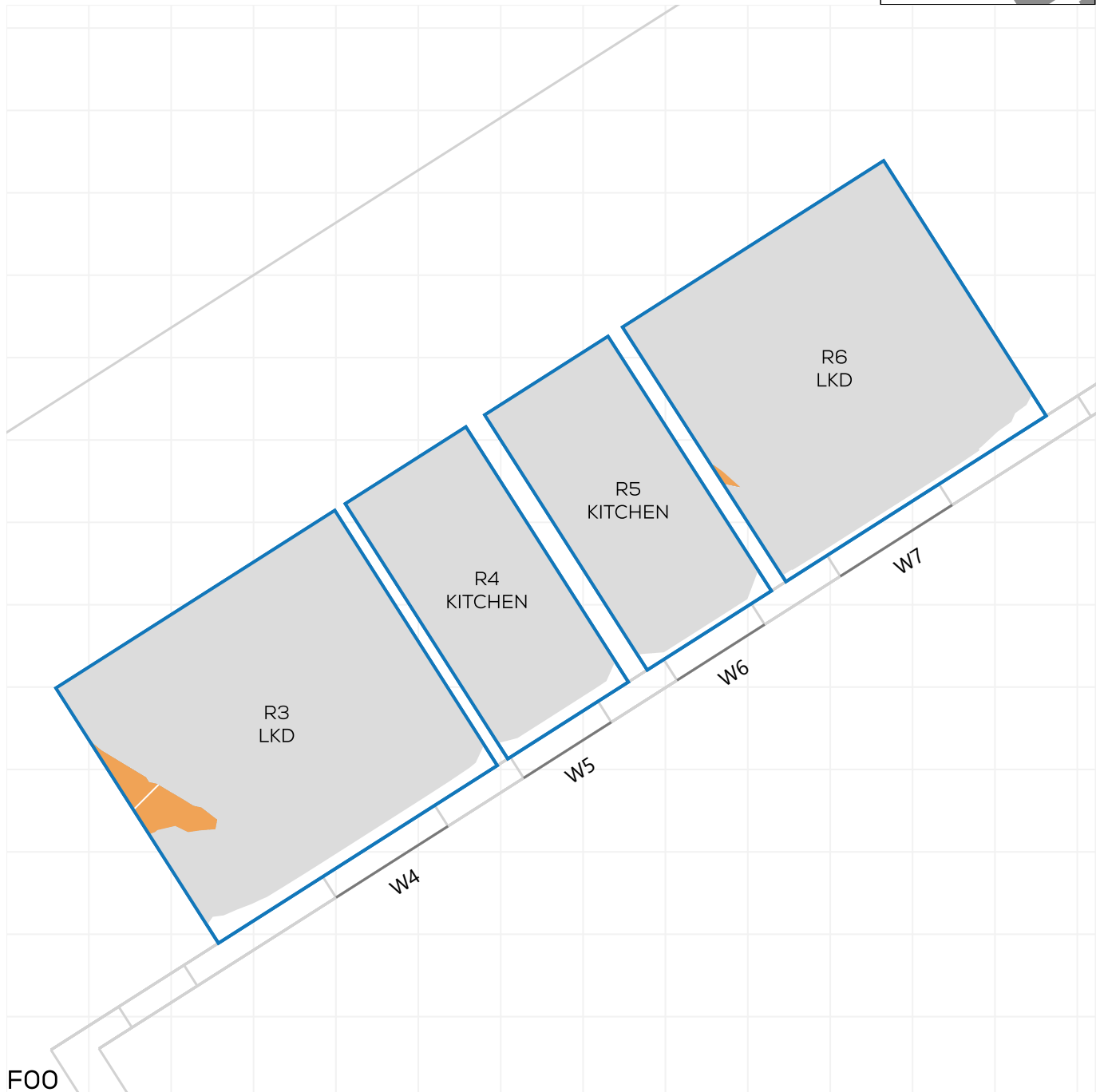
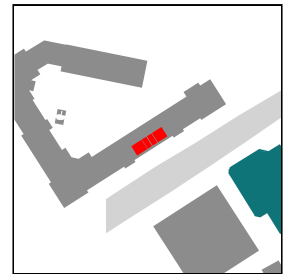
NSL CONTOURS



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 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: WHARF CLOSE
 DATE: 26/05/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-RELO3-IS02-DD1

KEY:

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



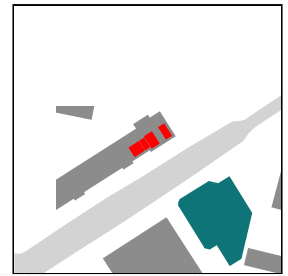
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WHARF CLOSE								
F00	R3	RESIDENTIAL	LKD	14.7	95.4	91.7	0.5	3.9
F00	R4	RESIDENTIAL	KITCHEN	6.4	95.5	95.5	0.0	0
F00	R5	RESIDENTIAL	KITCHEN	6.5	97.2	97.2	0.0	0
F00	R6	RESIDENTIAL	LKD	13.8	97.3	97.1	0.0	0.2

NSL CONTOURS



PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: WHARF CLOSE
 DATE: 26/05/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS02-DD2

KEY:
 GAIN
 LOSS
 MAINTAINED LIT AREA
 1 METRE GRID



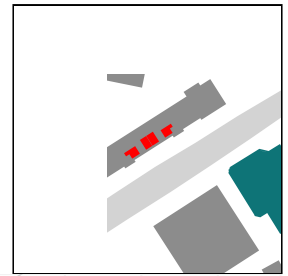
FOO

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
WHARF CLOSE								
FOO	R10	RESIDENTIAL	LKD	15.3	96.5	85.1	1.7	11.8
FOO	R11	RESIDENTIAL	KITCHEN	7.7	97.6	87.8	0.7	10
FOO	R12	RESIDENTIAL	LIVING ROOM	15.7	92.7	75.2	2.7	18.8
FOO	R13	RESIDENTIAL	LKD	11.9	97	64.7	3.8	33.3

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: WHARF CLOSE
 DATE: 26/05/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS02-DD3

KEY:

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

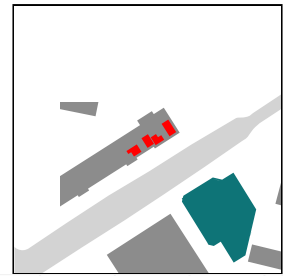


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F01	R2	RESIDENTIAL	BEDROOM	10.8	82.6	81	0.2	1.9
F01	R4	RESIDENTIAL	BEDROOM	9.4	96.3	95.9	0.0	0.4
F01	R5	RESIDENTIAL	BEDROOM	10.0	97.8	97.8	0.0	0
F01	R7	RESIDENTIAL	BEDROOM	9.8	88.6	79.5	0.9	10.2

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: WHARF CLOSE
 DATE: 26/05/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS02-DD4

KEY:

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



FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
WHARF CLOSE								
F01	R9	RESIDENTIAL	BEDROOM	9.9	86.9	78.5	0.8	9.7
F01	R11	RESIDENTIAL	BEDROOM	9.6	96.1	78.4	1.7	18.4
F01	R12	RESIDENTIAL	BEDROOM	8.7	96	90.5	0.5	5.7
F01	R14	RESIDENTIAL	BEDROOM	12.9	98.6	67.8	4.0	31.3

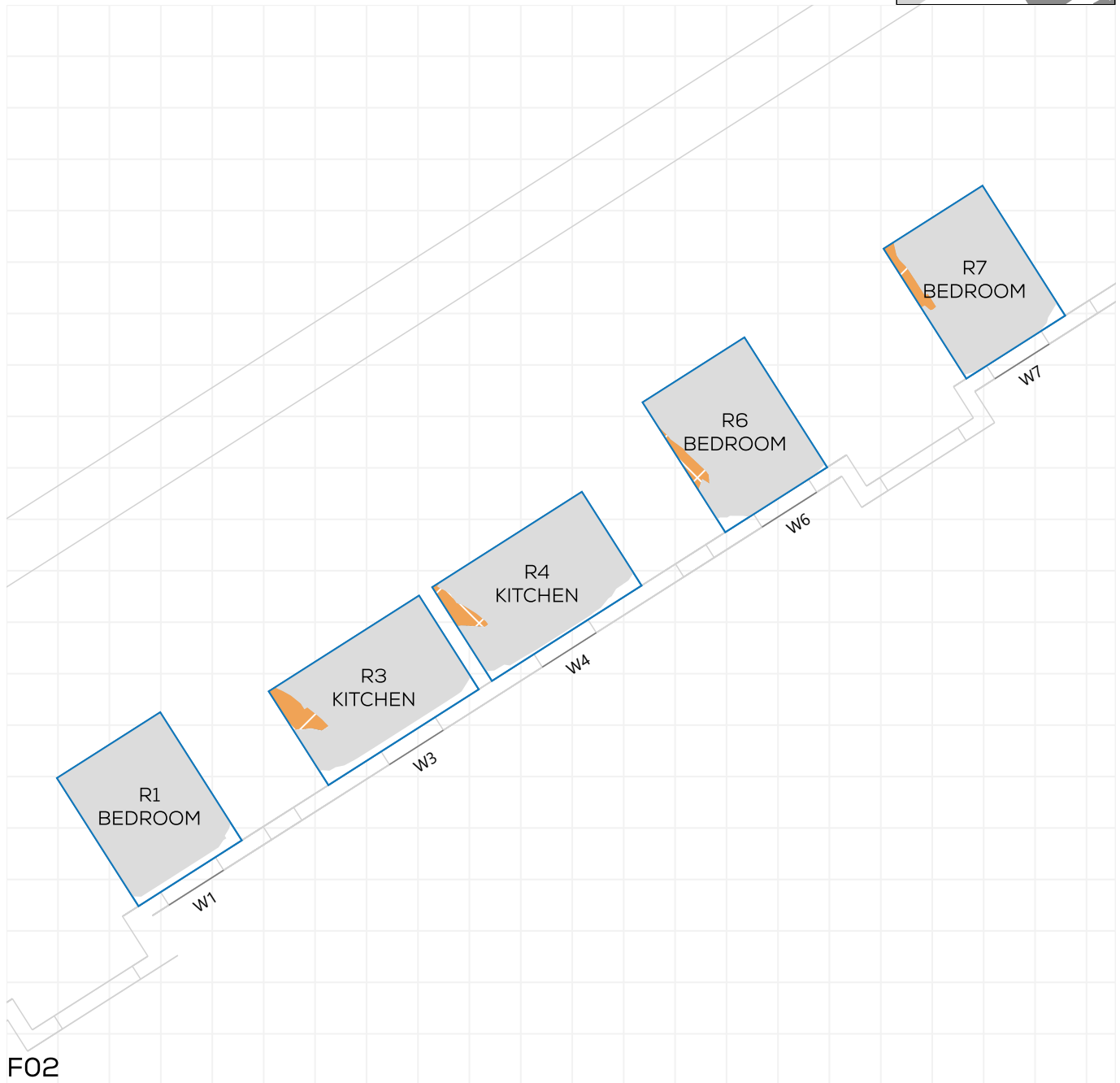
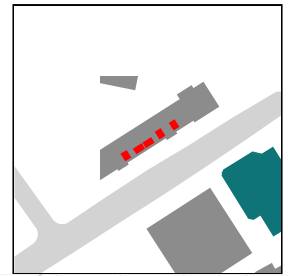
NSL CONTOURS



PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: WHARF CLOSE
 DATE: 26/05/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS02-DD5

KEY:

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



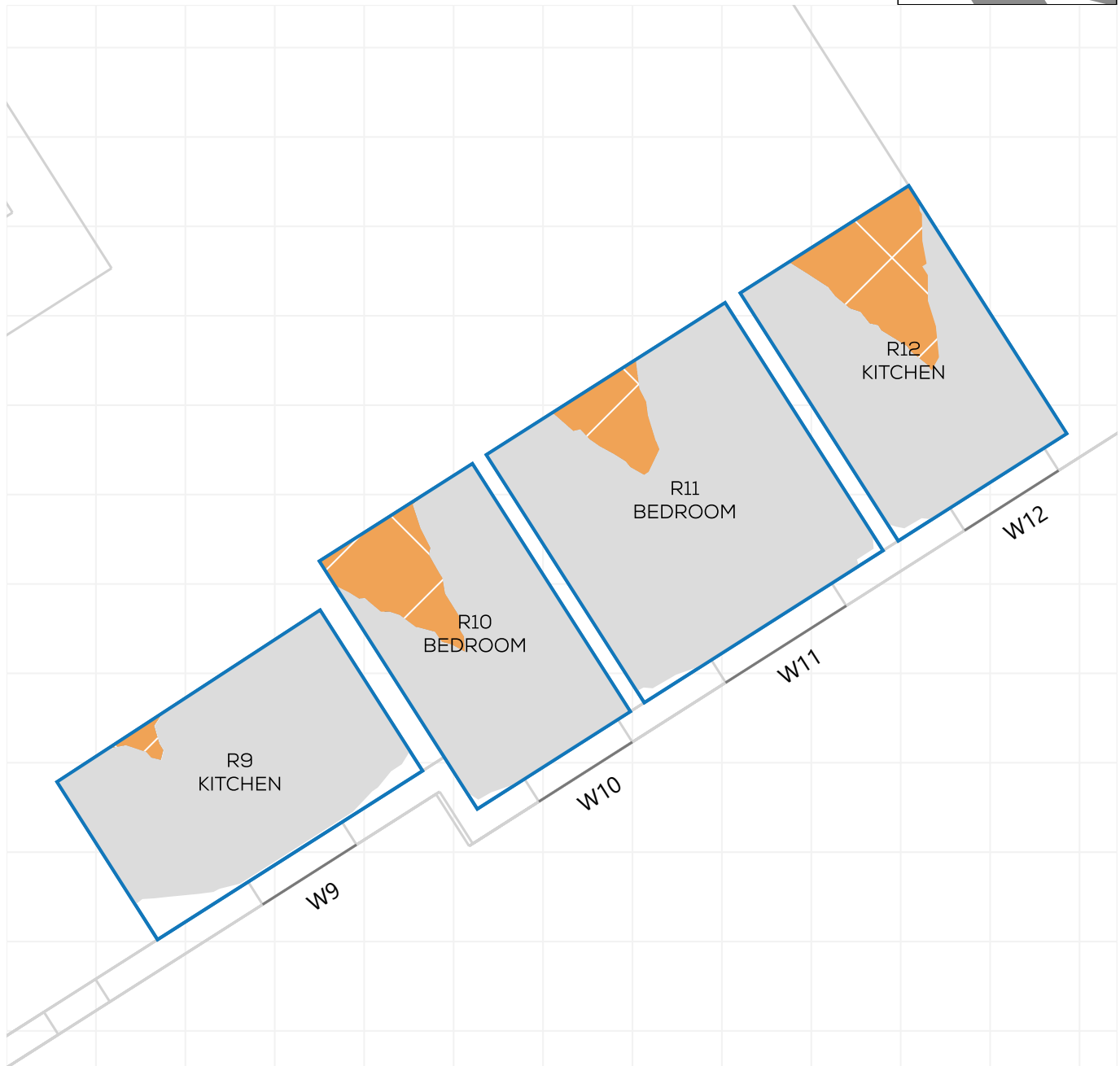
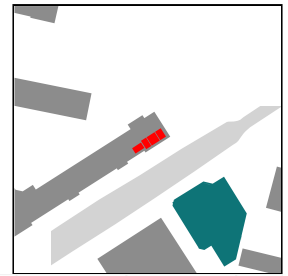
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WHARF CLOSE								
F02	R1	RESIDENTIAL	BEDROOM	7.0	94.8	94.8	0.0	0
F02	R3	RESIDENTIAL	KITCHEN	7.5	92.7	87.1	0.4	6.1
F02	R4	RESIDENTIAL	KITCHEN	7.5	95.4	91.2	0.3	4.4
F02	R6	RESIDENTIAL	BEDROOM	7.0	98.3	94.7	0.3	3.7
F02	R7	RESIDENTIAL	BEDROOM	6.8	98.5	94.4	0.3	4.2

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: WHARF CLOSE
 DATE: 26/05/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS02-DD6

KEY:

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



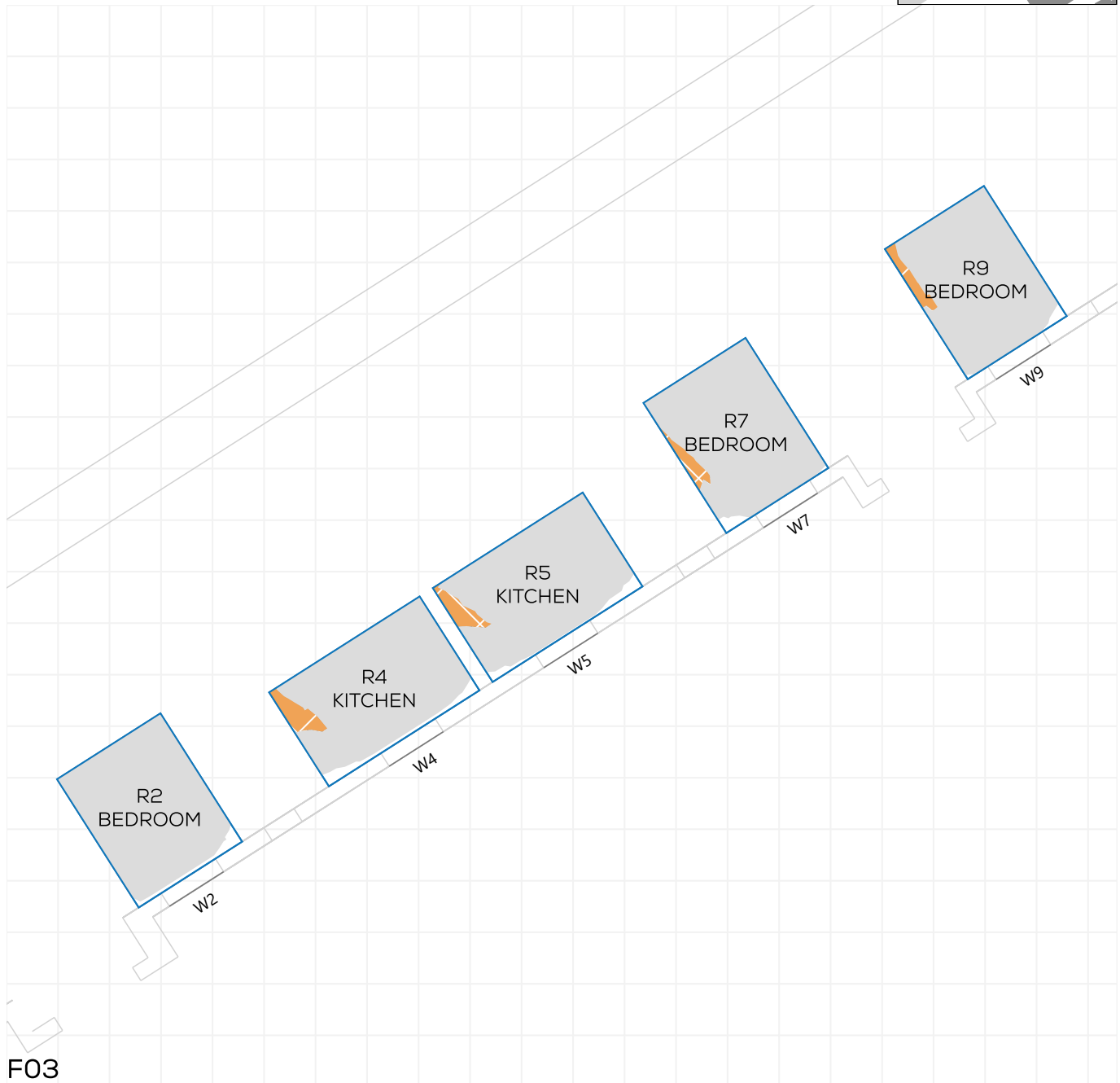
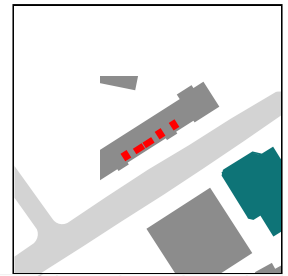
F02

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
WHARF CLOSE								
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F02	R10	RESIDENTIAL	BEDROOM	6.7	99.5	81.1	1.2	18.5
F02	R11	RESIDENTIAL	BEDROOM	10.4	99.1	91.9	0.7	7.3
F02	R12	RESIDENTIAL	KITCHEN	7.3	99.4	77.3	1.6	22.2

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: WHARF CLOSE
 DATE: 26/05/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS02-DD7

KEY:

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



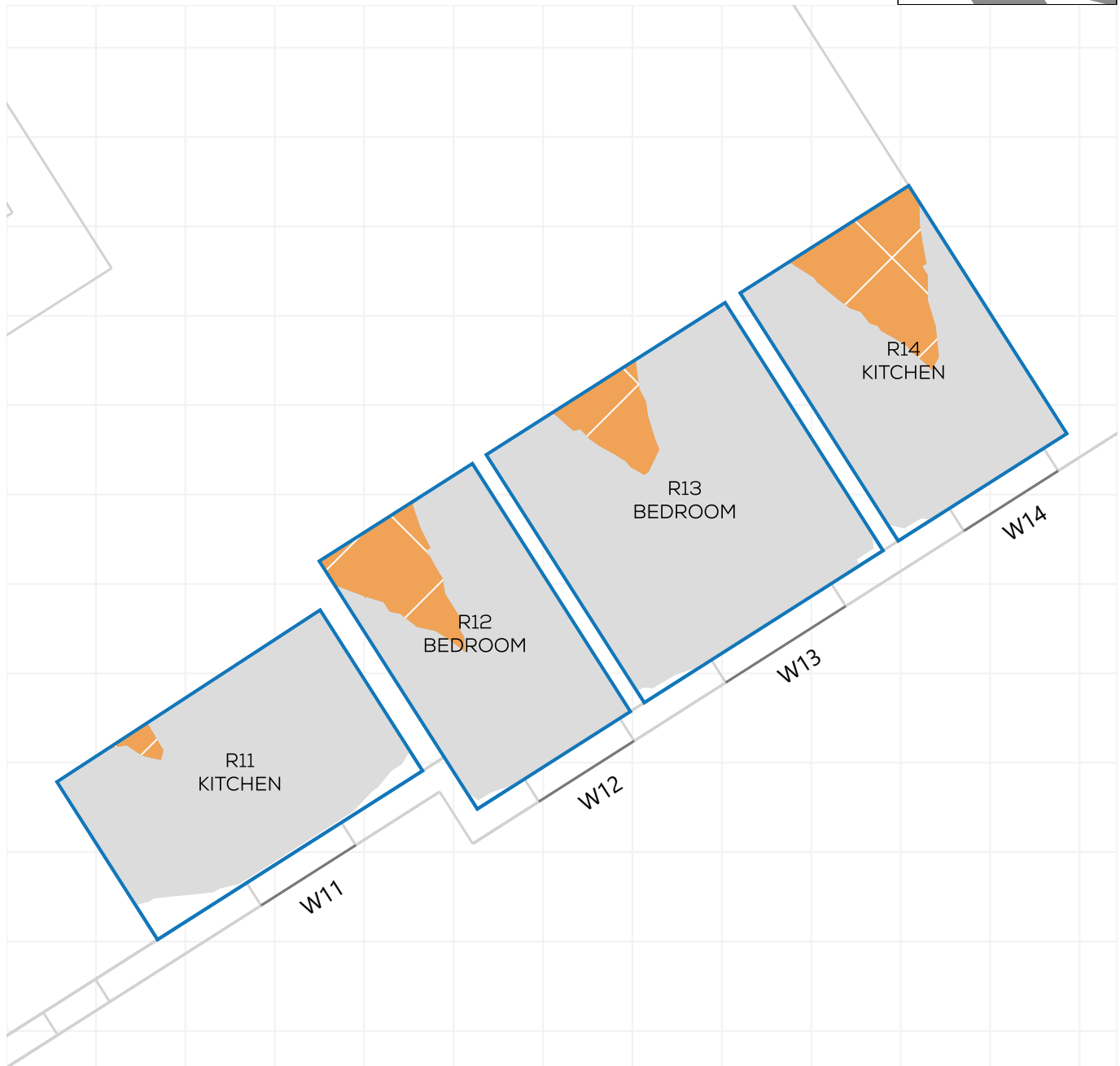
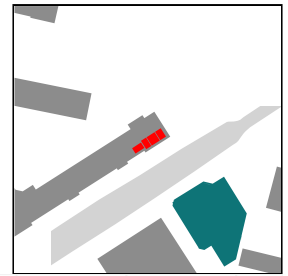
F03

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
WHARF CLOSE								
F03	R2	RESIDENTIAL	BEDROOM	7.0	96.4	96.4	0.0	0
F03	R4	RESIDENTIAL	KITCHEN	7.5	95	89.7	0.4	5.5
F03	R5	RESIDENTIAL	KITCHEN	7.5	96	91.5	0.3	4.7
F03	R7	RESIDENTIAL	BEDROOM	7.0	98.3	94.6	0.3	3.8
F03	R9	RESIDENTIAL	BEDROOM	6.8	98.6	94.5	0.3	4.2

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: WHARF CLOSE
 DATE: 26/05/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS02-DD8

KEY:

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



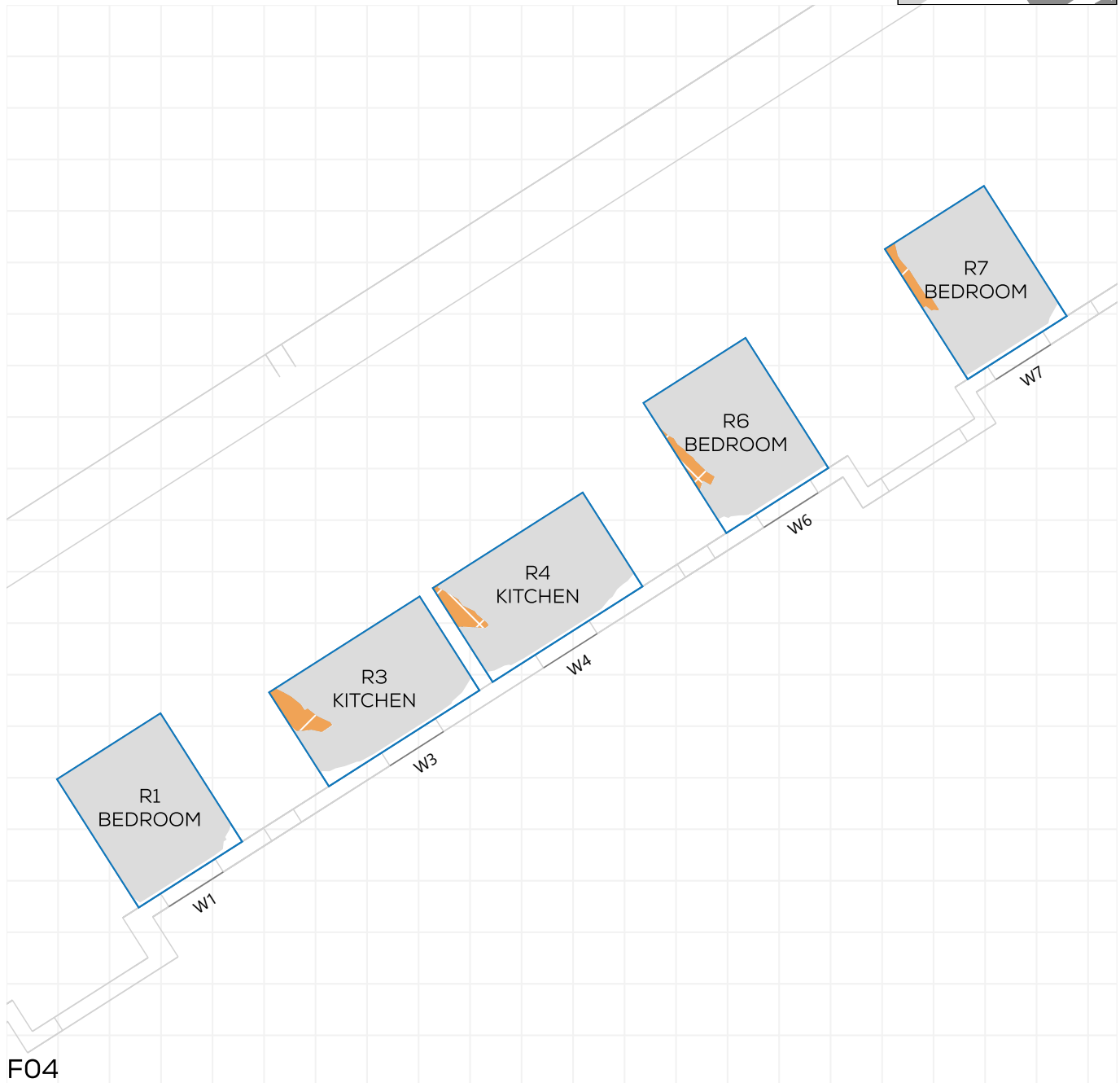
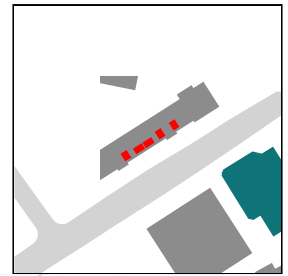
F03

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
WHARF CLOSE								
F03	R11	RESIDENTIAL	KITCHEN	7.4	94	92.5	0.1	1.7
F03	R12	RESIDENTIAL	BEDROOM	6.7	99.5	81.7	1.2	17.8
F03	R13	RESIDENTIAL	BEDROOM	10.4	99.2	92	0.7	7.3
F03	R14	RESIDENTIAL	KITCHEN	7.3	99.4	77.3	1.6	22.3

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: WHARF CLOSE
 DATE: 26/05/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS02-DD9

KEY:

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



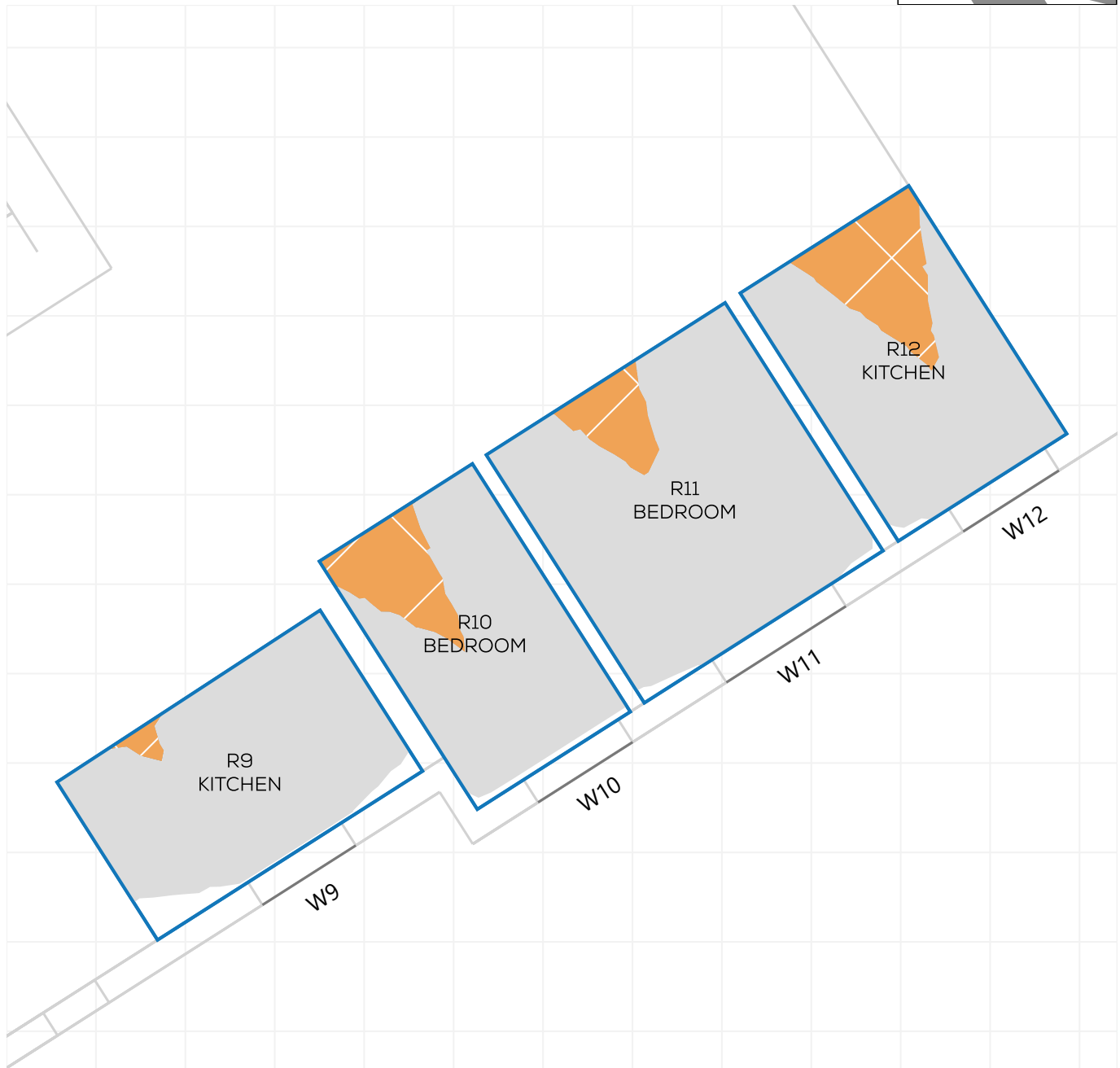
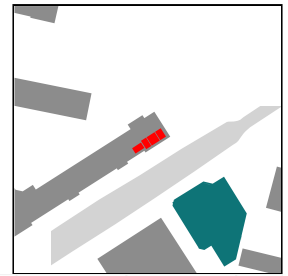
F04

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
WHARF CLOSE								
F04	R1	RESIDENTIAL	BEDROOM	7.0	96.7	96.7	0.0	0
F04	R3	RESIDENTIAL	KITCHEN	7.5	94.8	88.9	0.4	6.3
F04	R4	RESIDENTIAL	KITCHEN	7.5	94.9	90.3	0.3	4.8
F04	R6	RESIDENTIAL	BEDROOM	7.0	96.5	92.4	0.3	4.2
F04	R7	RESIDENTIAL	BEDROOM	6.8	96.8	92.7	0.3	4.2

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: WHARF CLOSE
 DATE: 26/05/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS02-DD10

KEY:

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



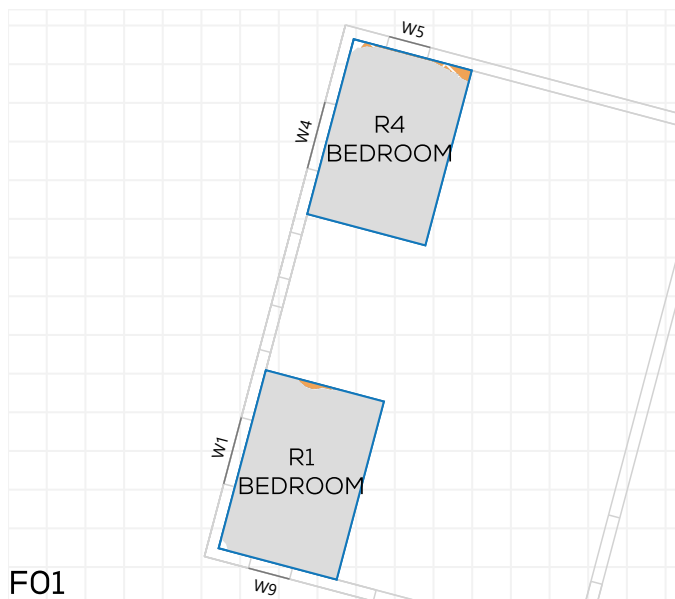
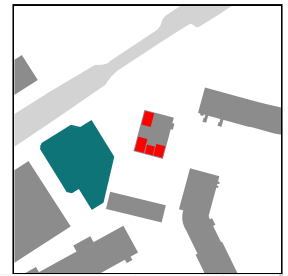
F04

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
WHARF CLOSE								
F04	R9	RESIDENTIAL	KITCHEN	7.4	93.5	91.6	0.1	2
F04	R10	RESIDENTIAL	BEDROOM	6.7	97.7	79.5	1.2	18.6
F04	R11	RESIDENTIAL	BEDROOM	10.4	98.9	91.7	0.7	7.3
F04	R12	RESIDENTIAL	KITCHEN	7.3	99.4	77.5	1.6	22

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 19-26 THOMAS TELFORD BASIN
 DATE: 26/05/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS02-DD11

KEY:

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

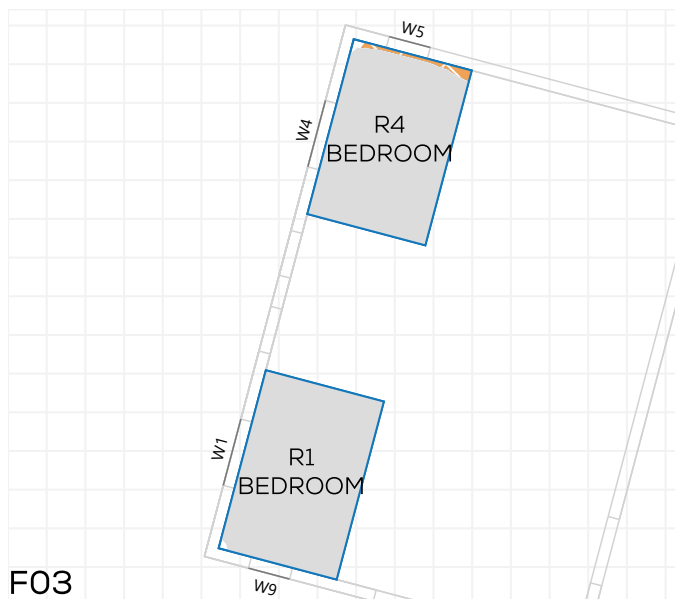
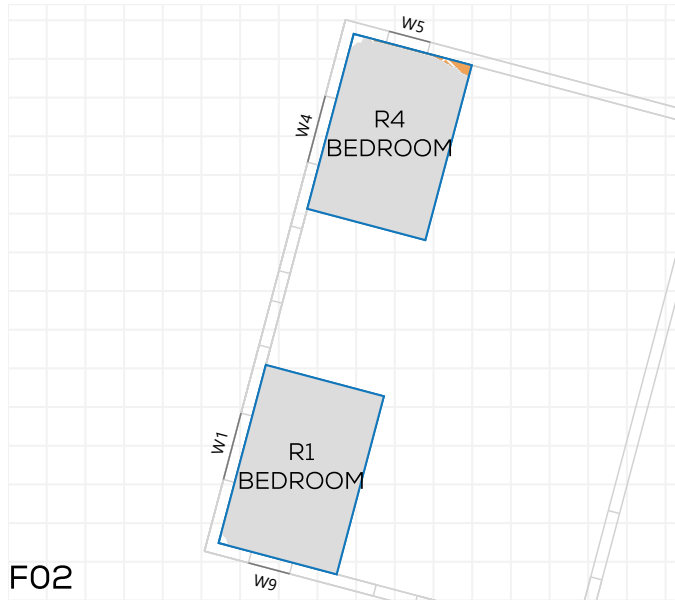
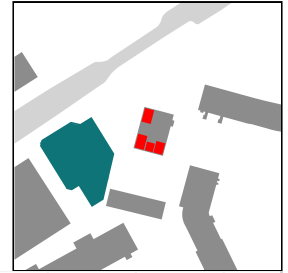


FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
19-26 THOMAS TELFORD BASIN								
F00	R1	RESIDENTIAL	BEDROOM	15.0	99.7	91.7	1.2	8.1
F00	R4	RESIDENTIAL	BEDROOM	14.8	99.5	97.2	0.4	2.4
F00	R5	RESIDENTIAL	LIVING ROOM	12.1	99.6	98.6	0.1	1
F00	R6	RESIDENTIAL	KITCHEN	8.1	96.8	91.1	0.5	5.9
F01	R1	RESIDENTIAL	BEDROOM	15.0	99.7	99	0.1	0.7
F01	R4	RESIDENTIAL	BEDROOM	14.8	99.5	97.7	0.3	1.9
F01	R5	RESIDENTIAL	LIVING ROOM	12.1	99.7	98.8	0.1	0.9
F01	R6	RESIDENTIAL	KITCHEN	8.1	98	92.3	0.5	5.9

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 19-26 THOMAS TELFORD BASIN
 DATE: 26/05/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS02-DD12

KEY:

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



FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
19-26 THOMAS TELFORD BASIN								
F02	R1	RESIDENTIAL	BEDROOM	15.0	99.7	99.7	0.0	0
F02	R4	RESIDENTIAL	BEDROOM	14.8	99.6	97.8	0.3	1.8
F02	R5	RESIDENTIAL	LIVING ROOM	12.1	99.7	98.6	0.1	1.1
F02	R6	RESIDENTIAL	KITCHEN	8.1	98	92.3	0.5	5.8
F03	R1	RESIDENTIAL	BEDROOM	15.0	99.7	99.7	0.0	0
F03	R4	RESIDENTIAL	BEDROOM	14.8	99.5	96.9	0.4	2.7
F03	R5	RESIDENTIAL	LIVING ROOM	12.1	99.6	98.6	0.1	1
F03	R6	RESIDENTIAL	KITCHEN	8.1	96.2	91.1	0.4	5.4

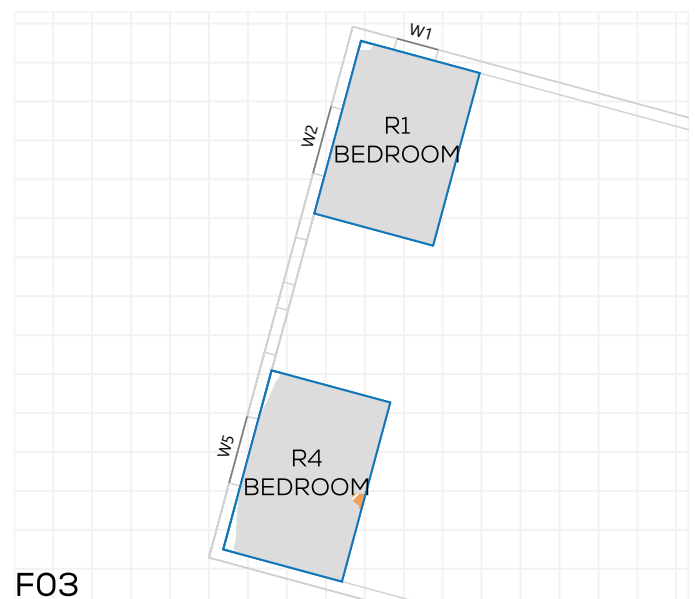
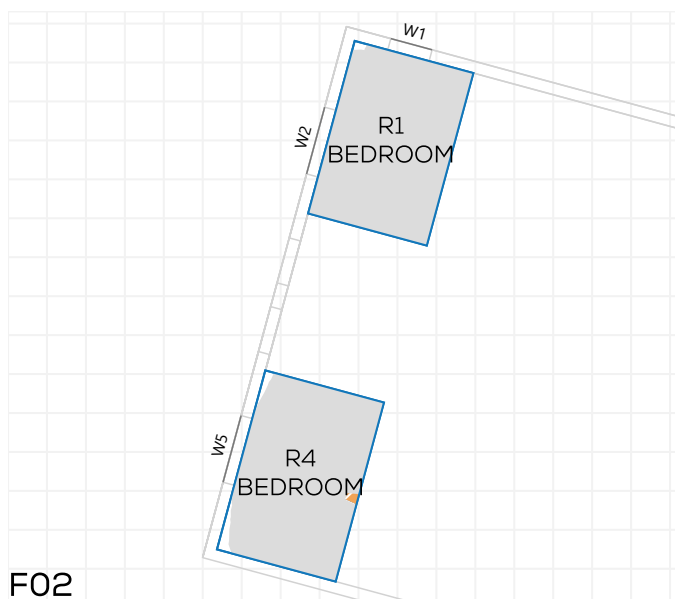
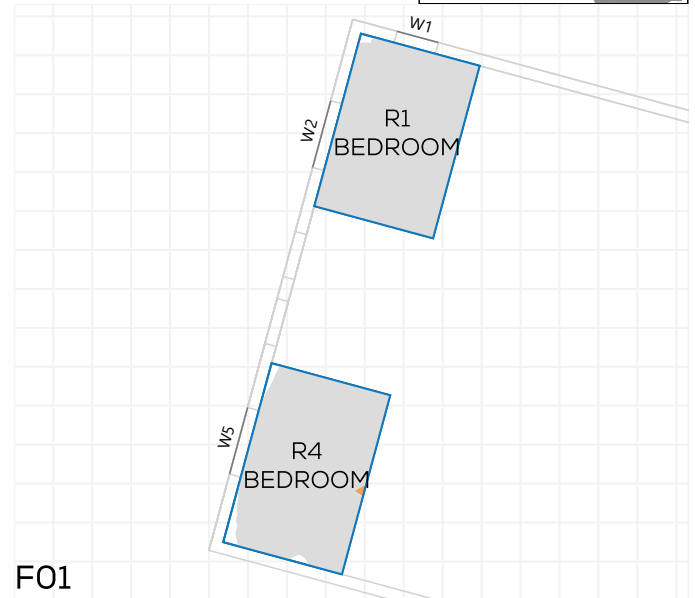
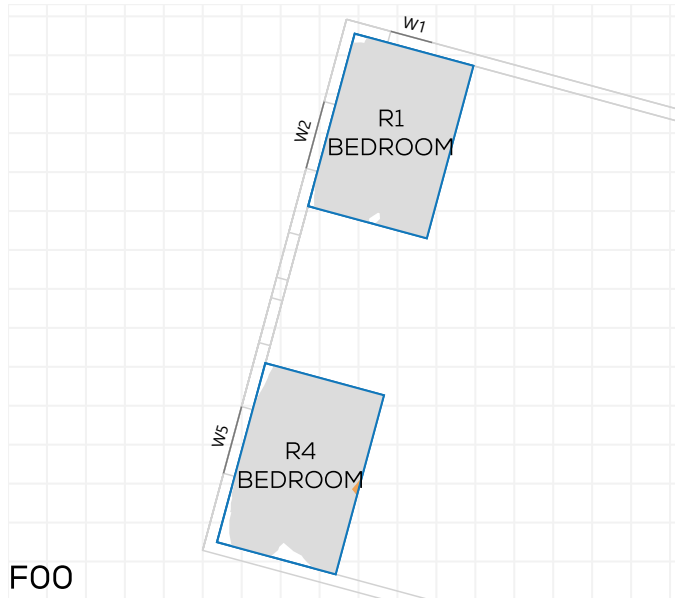
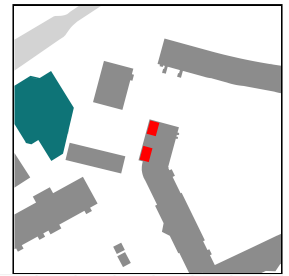
NSL CONTOURS



PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 27-34 THOMAS TELFORD BASIN
 DATE: 26/05/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS02-DD13

KEY:

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

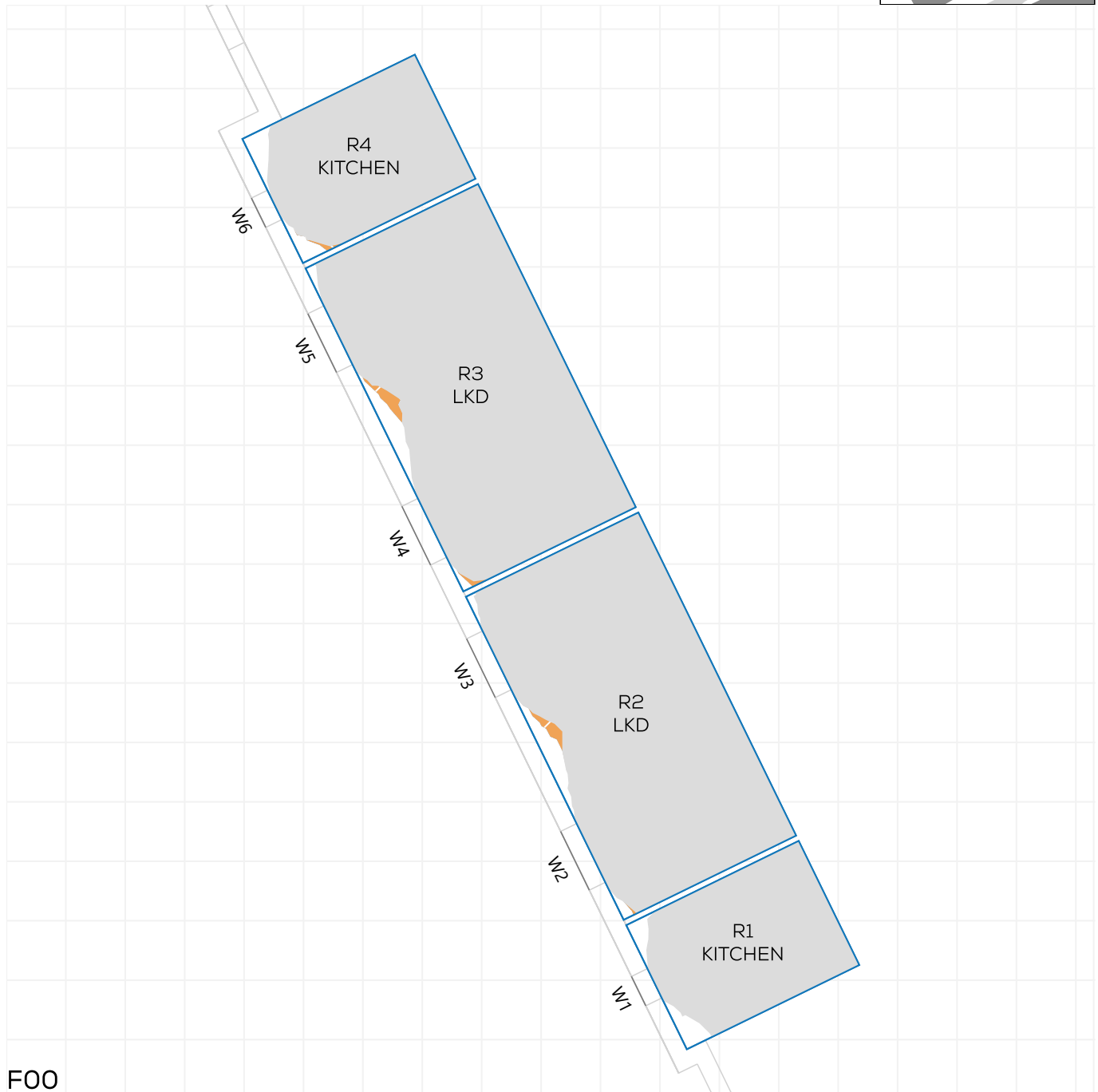
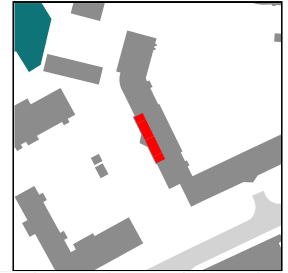


FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
27-34 THOMAS TELFORD BASIN								
F00	R1	RESIDENTIAL	BEDROOM	14.5	98.9	98.9	0.0	0
F00	R4	RESIDENTIAL	BEDROOM	15.0	95.8	95.5	0.0	0.3
F01	R1	RESIDENTIAL	BEDROOM	14.5	99.6	99.6	0.0	0
F01	R4	RESIDENTIAL	BEDROOM	15.0	97	96.7	0.0	0.3
F02	R1	RESIDENTIAL	BEDROOM	14.5	99.6	99.6	0.0	0
F02	R4	RESIDENTIAL	BEDROOM	15.0	97.6	97.1	0.1	0.5
F03	R1	RESIDENTIAL	BEDROOM	14.5	99.6	99.6	0.0	0
F03	R4	RESIDENTIAL	BEDROOM	15.0	97.5	96.9	0.1	0.6

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 35-40 THOMAS TELFORD BASIN
 DATE: 26/05/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS02-DD14

KEY:

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



F00

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
35-40 THOMAS TELFORD BASIN								
F00	R1	RESIDENTIAL	KITCHEN	7.5	94.5	94.5	0.0	0
F00	R2	RESIDENTIAL	LKD	19.5	97.5	96.9	0.1	0.6
F00	R3	RESIDENTIAL	LKD	19.5	97.5	96.8	0.1	0.8
F00	R4	RESIDENTIAL	KITCHEN	7.5	94.4	94.1	0.0	0.4

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 35-40 THOMAS TELFORD BASIN
 DATE: 26/05/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS02-DD15

KEY:

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



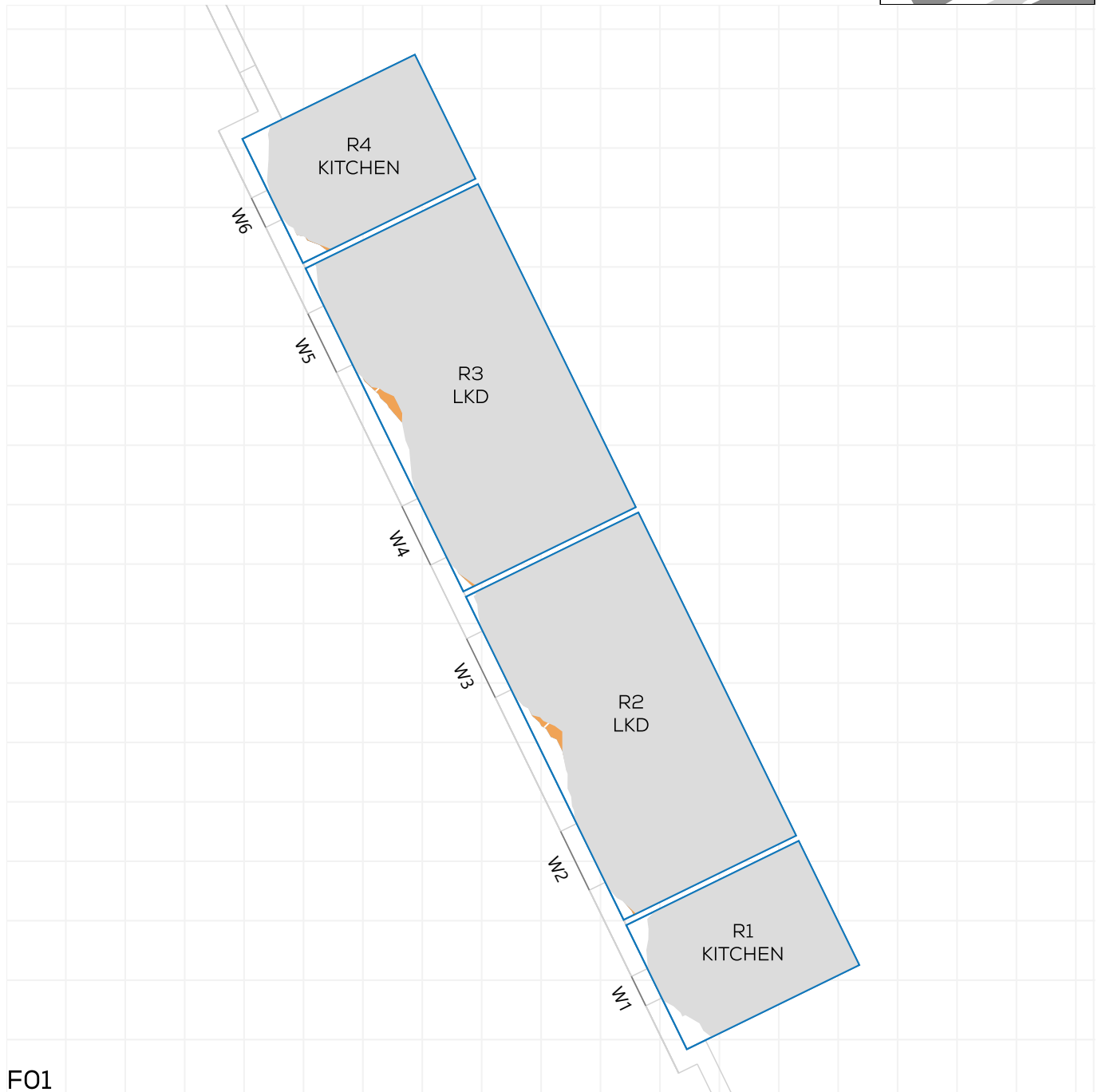
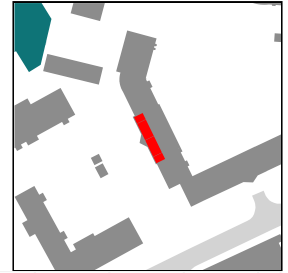
F00

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
35-40 THOMAS TELFORD BASIN								
F00	R6	RESIDENTIAL	LKD	19.8	98.5	93.1	1.1	5.5
F00	R7	RESIDENTIAL	BEDROOM	10.8	97.3	79.6	1.9	18.2
F00	R8	RESIDENTIAL	BEDROOM	14.4	98.2	76.2	3.2	22.5

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 35-40 THOMAS TELFORD BASIN
 DATE: 26/05/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS02-DD16

KEY:

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



F01

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
35-40 THOMAS TELFORD BASIN								
F01	R1	RESIDENTIAL	KITCHEN	7.5	94.6	94.6	0.0	0
F01	R2	RESIDENTIAL	LKD	19.5	97.5	97	0.1	0.5
F01	R3	RESIDENTIAL	LKD	19.5	97.5	97	0.1	0.5
F01	R4	RESIDENTIAL	KITCHEN	7.5	94.4	94.3	0.0	0.1

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 35-40 THOMAS TELFORD BASIN
 DATE: 26/05/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS02-DD17

KEY:

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



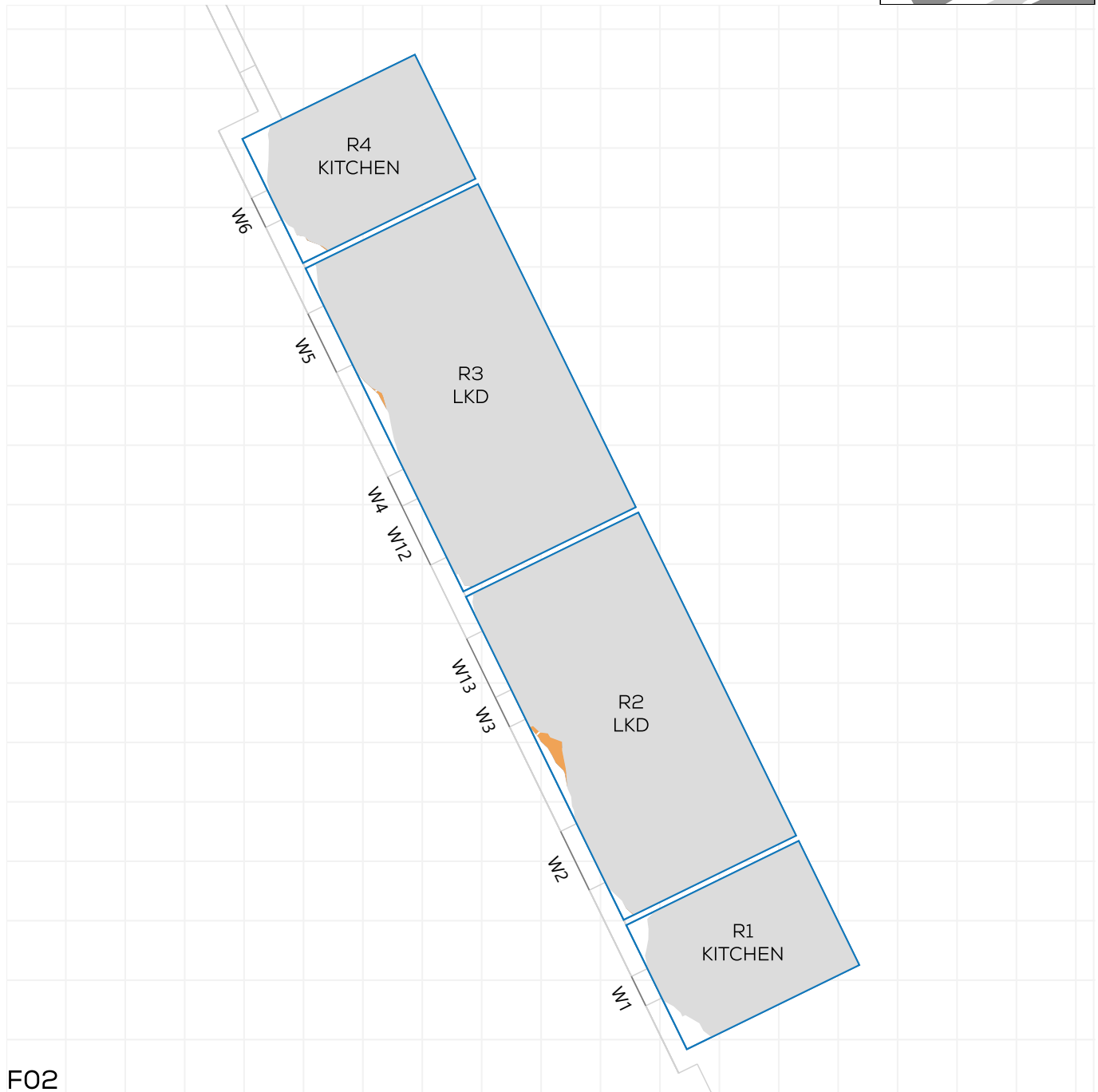
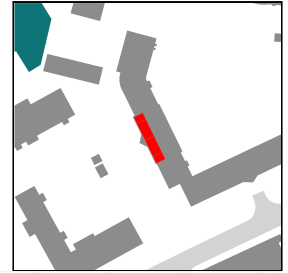
F01

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
35-40 THOMAS TELFORD BASIN								
F01	R5	RESIDENTIAL	UNKNOWN	10.3	99.5	99.2	0.0	0.3
F01	R6	RESIDENTIAL	LKD	19.8	98.5	95.3	0.6	3.3
F01	R7	RESIDENTIAL	BEDROOM	10.8	97.4	79.8	1.9	18.1
F01	R8	RESIDENTIAL	BEDROOM	14.4	98.7	79.5	2.8	19.4

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 35-40 THOMAS TELFORD BASIN
 DATE: 26/05/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS02-DD18

KEY:

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



F02

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
35-40 THOMAS TELFORD BASIN								
F02	R1	RESIDENTIAL	KITCHEN	7.5	94.7	94.7	0.0	0
F02	R2	RESIDENTIAL	LKD	19.5	98.7	98	0.1	0.8
F02	R3	RESIDENTIAL	LKD	19.5	98.7	98.6	0.0	0.1
F02	R4	RESIDENTIAL	KITCHEN	7.5	94.4	94.4	0.0	0.1

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 35-40 THOMAS TELFORD BASIN
 DATE: 26/05/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS02-DD19

KEY:

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



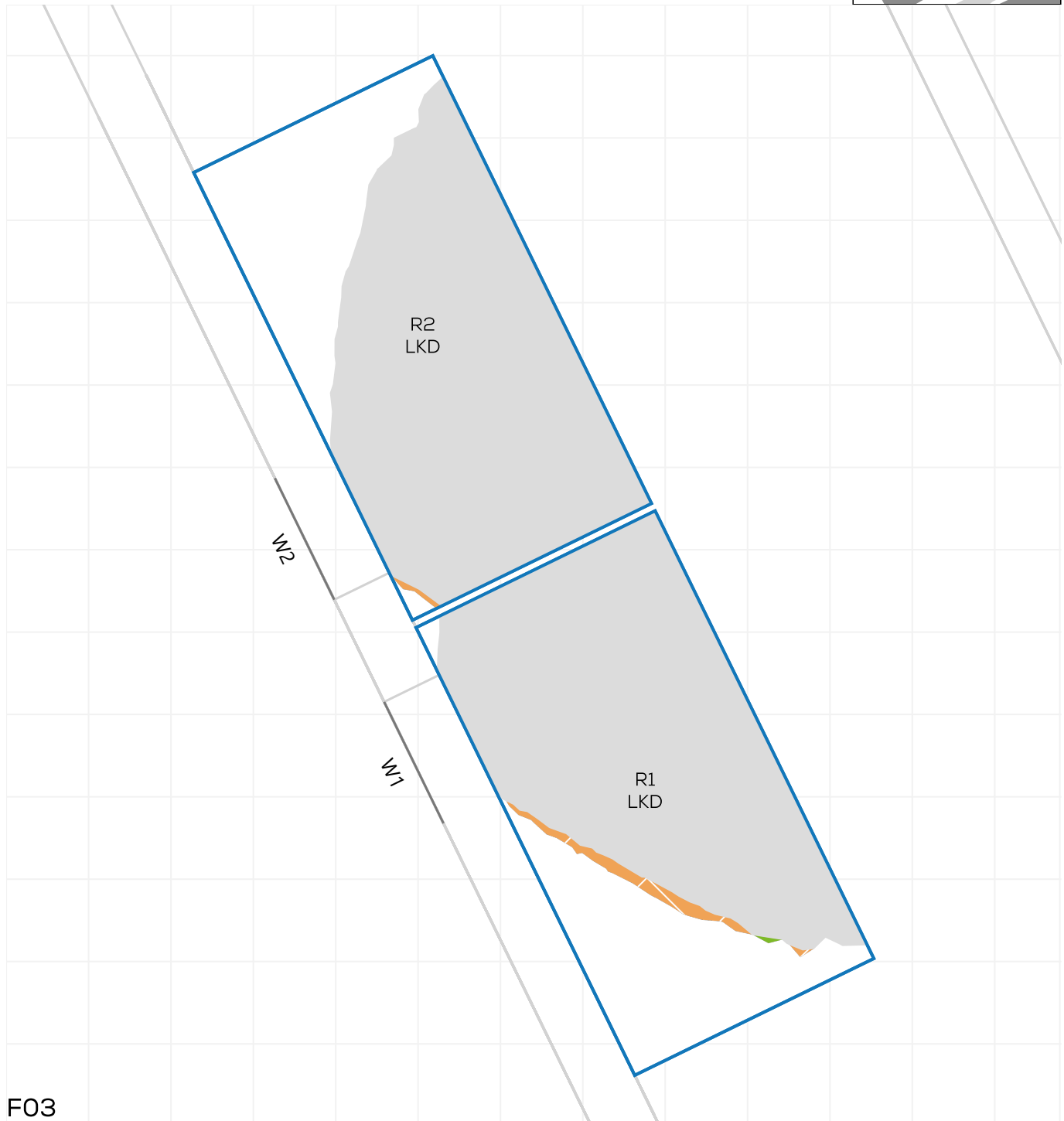
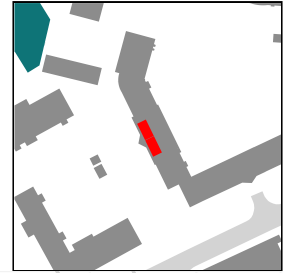
F02

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
35-40 THOMAS TELFORD BASIN								
F02	R5	RESIDENTIAL	UNKNOWN	10.3	99.5	99.1	0.0	0.4
F02	R6	RESIDENTIAL	LKD	19.8	98.5	97.5	0.2	1
F02	R7	RESIDENTIAL	BEDROOM	10.8	97.4	79.8	1.9	18
F02	R8	RESIDENTIAL	BEDROOM	14.4	98.7	79.4	2.8	19.6

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 35-40 THOMAS TELFORD BASIN
 DATE: 26/05/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS02-DD20

KEY:

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



F03

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
35-40 THOMAS TELFORD BASIN								
F03	R1	RESIDENTIAL	LKD	19.5	74.4	72.5	0.4	2.6
F03	R2	RESIDENTIAL	LKD	19.5	73.3	73.1	0.0	0.3

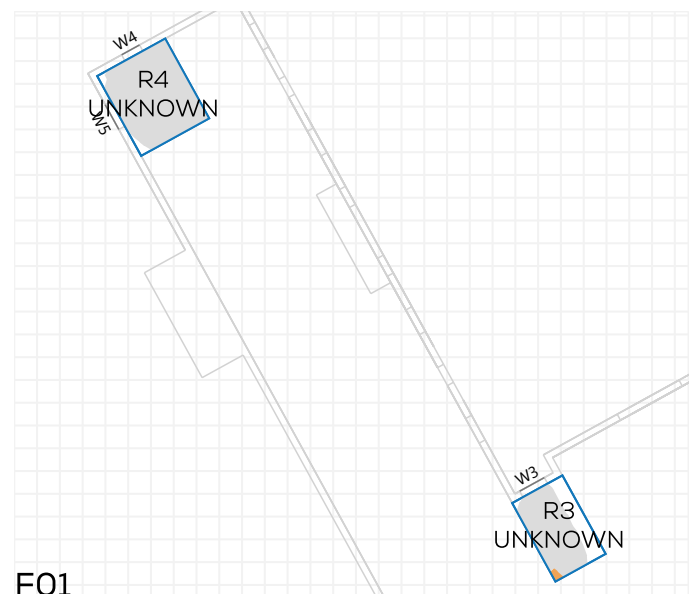
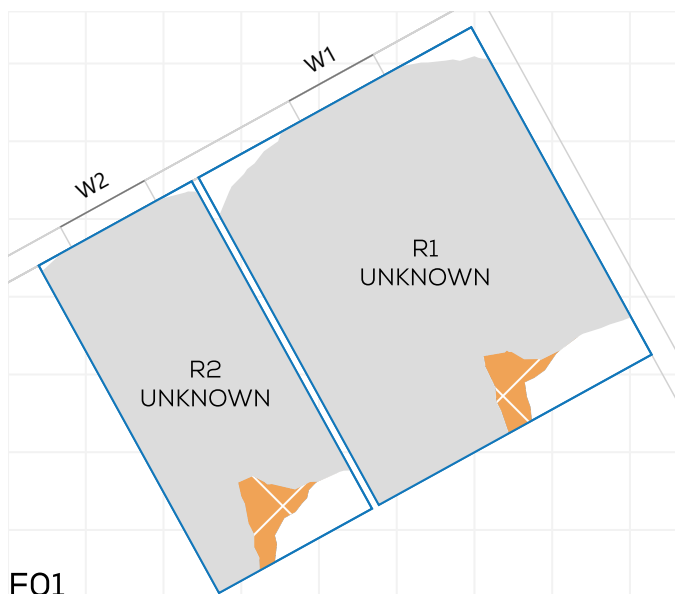
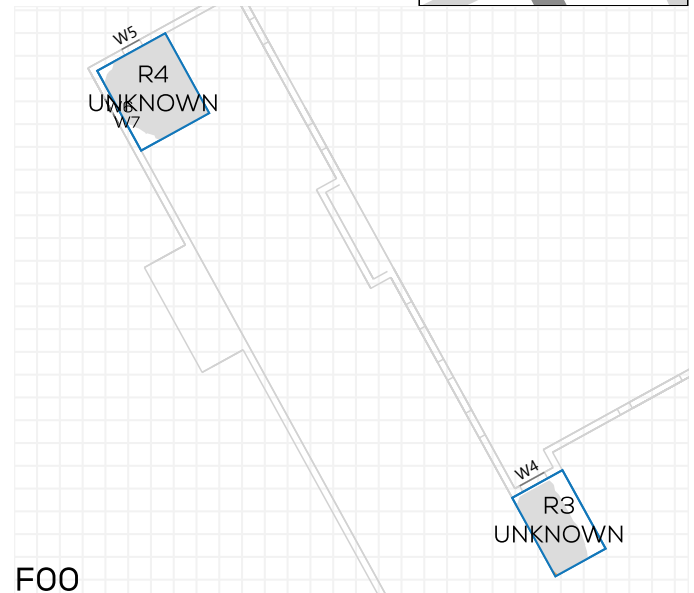
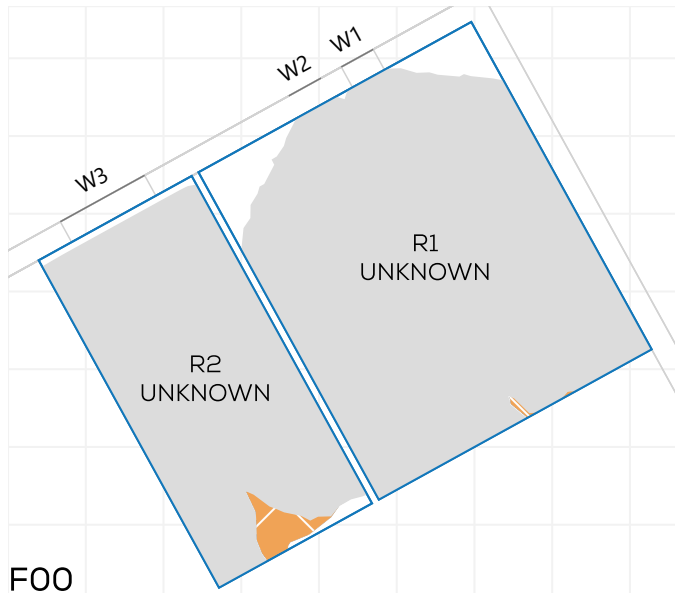
NSL CONTOURS



PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 37 CHAPELTOWN STREET BLOCK A
 DATE: 26/05/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS02-DD21

KEY:

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



FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
37 CHAPELTOWN STREET BLOCK A								
F00	R1	RESIDENTIAL	UNKNOWN	19.3	93.4	93.3	0.0	0.2
F00	R2	RESIDENTIAL	UNKNOWN	10.8	97.1	93.5	0.4	3.7
F00	R3	RESIDENTIAL	UNKNOWN	9.9	70.8	70.6	0.0	0.4
F00	R4	RESIDENTIAL	UNKNOWN	13.6	93	93	0.0	0
F01	R1	RESIDENTIAL	UNKNOWN	19.3	92.3	89.9	0.5	2.6
F01	R2	RESIDENTIAL	UNKNOWN	10.8	93.2	88.4	0.5	5.2
F01	R3	RESIDENTIAL	UNKNOWN	9.9	72.4	70.6	0.2	2.4
F01	R4	RESIDENTIAL	UNKNOWN	13.6	96.9	96.9	0.0	0

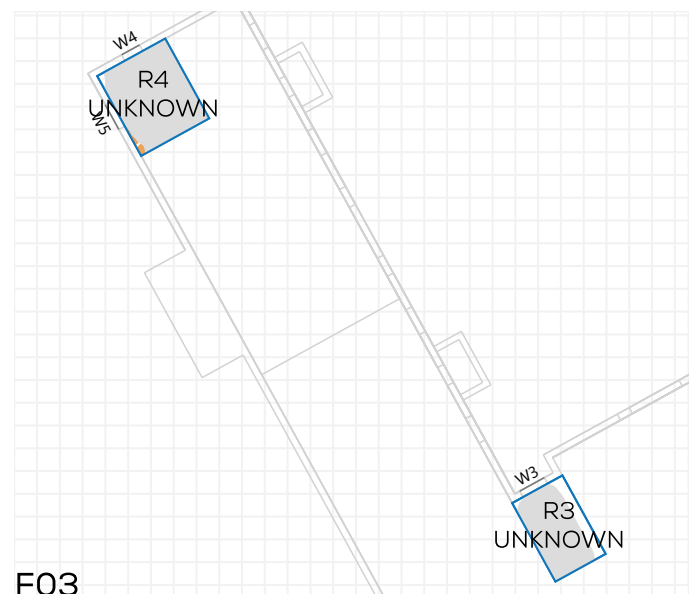
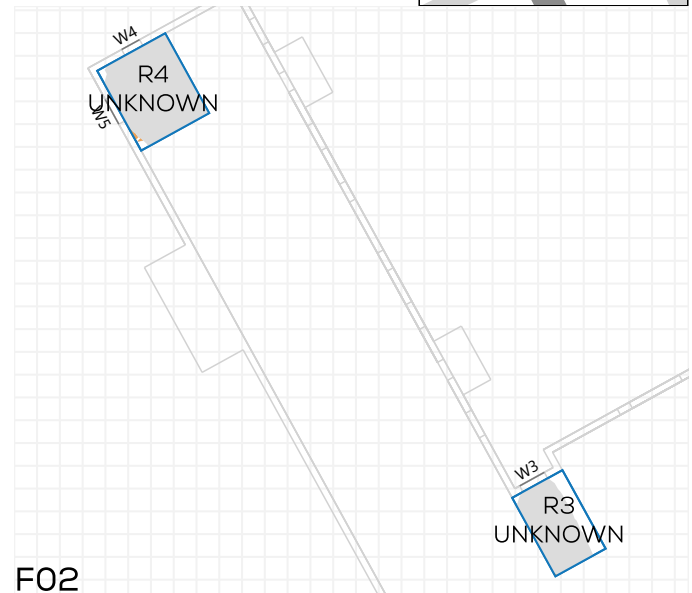
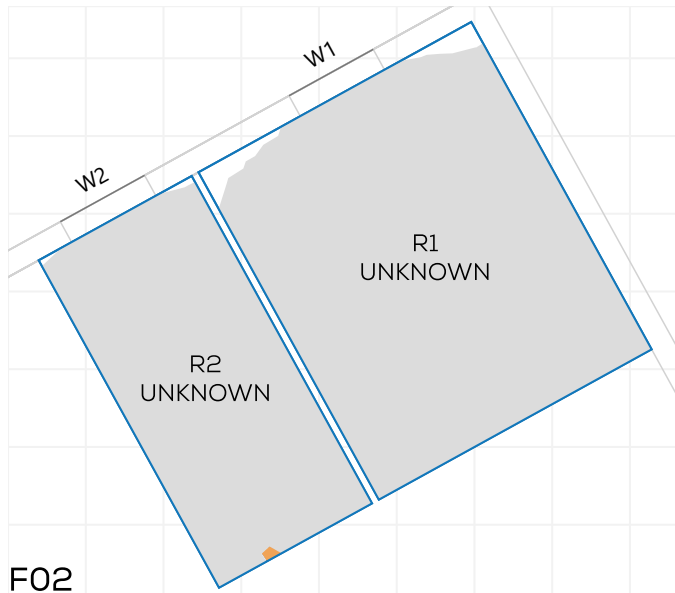
NSL CONTOURS



PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 37 CHAPELTOWN STREET BLOCK A
 DATE: 26/05/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS02-DD22

KEY:

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

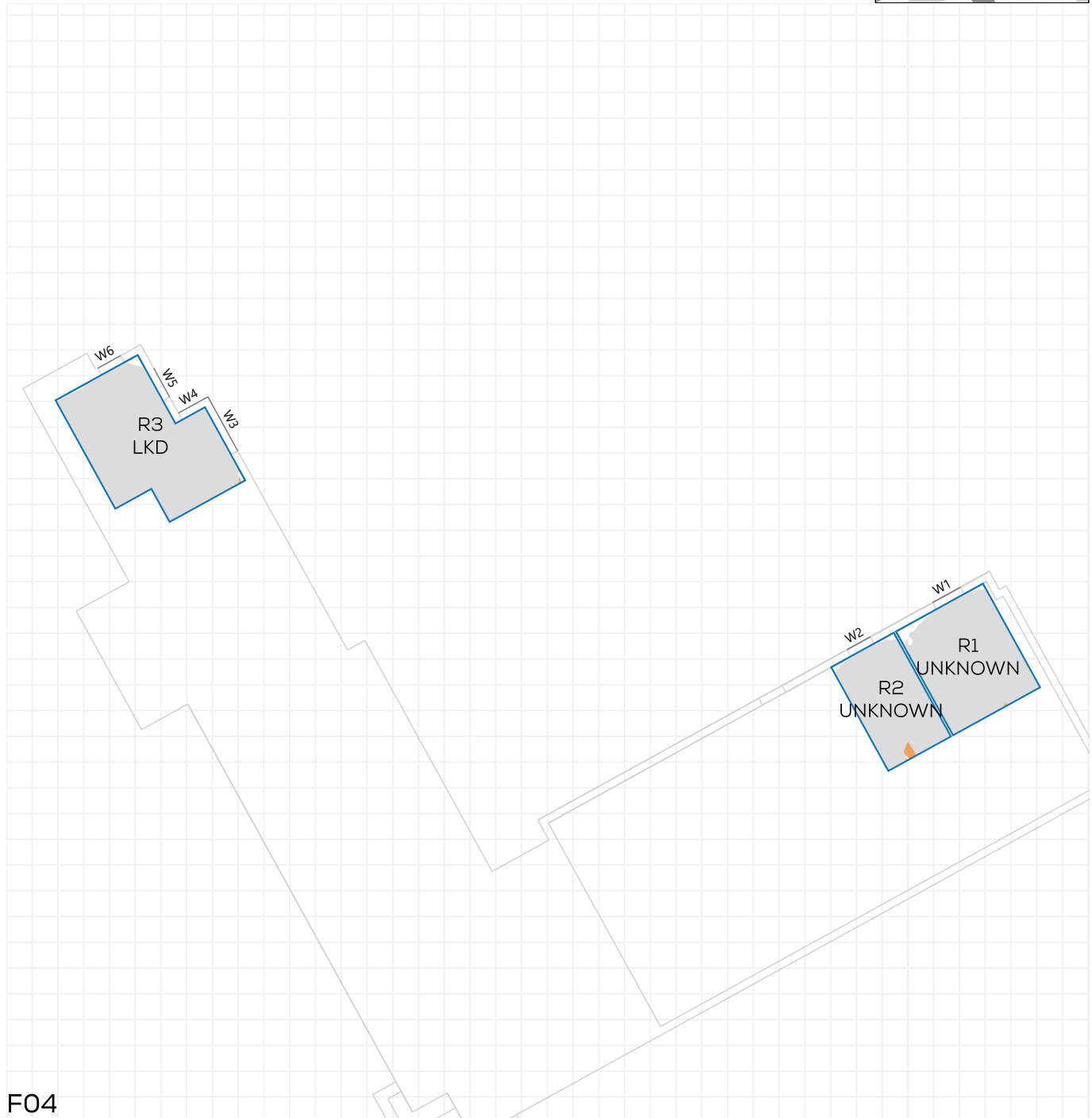


FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
37 CHAPELTOWN STREET BLOCK A								
F02	R1	RESIDENTIAL	UNKNOWN	19.3	97.7	97.7	0.0	0
F02	R2	RESIDENTIAL	UNKNOWN	10.8	99.6	99.4	0.0	0.2
F02	R3	RESIDENTIAL	UNKNOWN	9.9	77	76.9	0.0	0.1
F02	R4	RESIDENTIAL	UNKNOWN	13.6	97.9	97.2	0.1	0.8
F03	R1	RESIDENTIAL	UNKNOWN	19.3	97.7	97.7	0.0	0
F03	R2	RESIDENTIAL	UNKNOWN	10.8	99.5	99.4	0.0	0.1
F03	R3	RESIDENTIAL	UNKNOWN	9.9	80.9	80.8	0.0	0.1
F03	R4	RESIDENTIAL	UNKNOWN	13.6	99.1	97.4	0.2	1.8

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 37 CHAPELTOWN STREET BLOCK A
 DATE: 26/05/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS02-DD23

KEY:

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



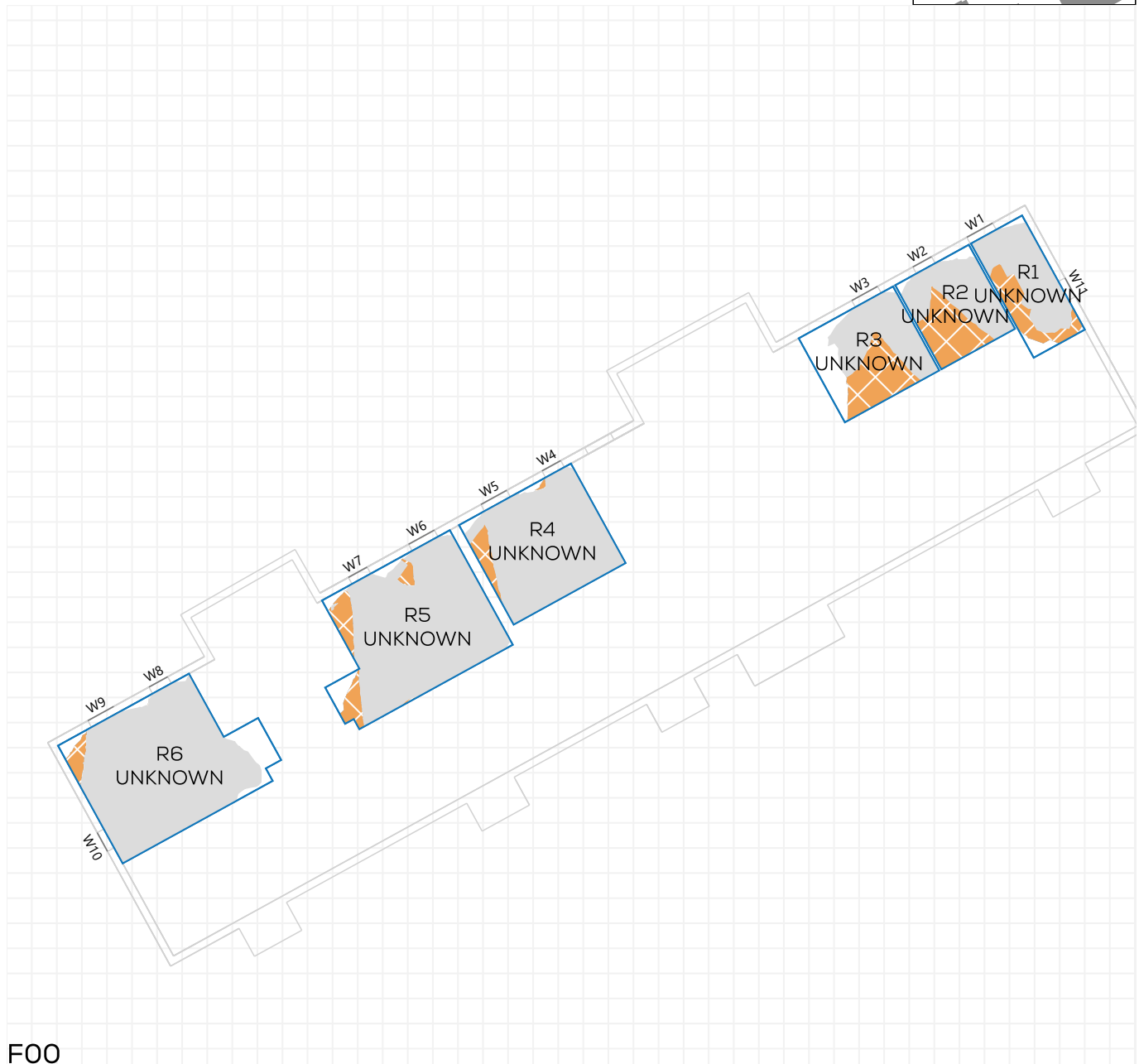
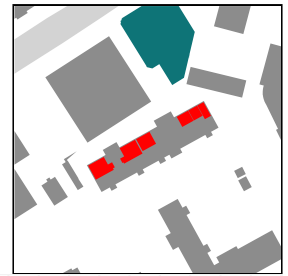
F04

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
37 CHAPELTOWN STREET BLOCK A								
F04	R1	RESIDENTIAL	UNKNOWN	17.7	96.9	96.9	0.0	0.1
F04	R2	RESIDENTIAL	UNKNOWN	12.7	98.4	96.8	0.2	1.6
F04	R3	RESIDENTIAL	LKD	24.7	98.8	98.7	0.0	0.1

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 37 CHAPELTOWN STREET BLOCK B
 DATE: 26/05/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS02-DD24

KEY:

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



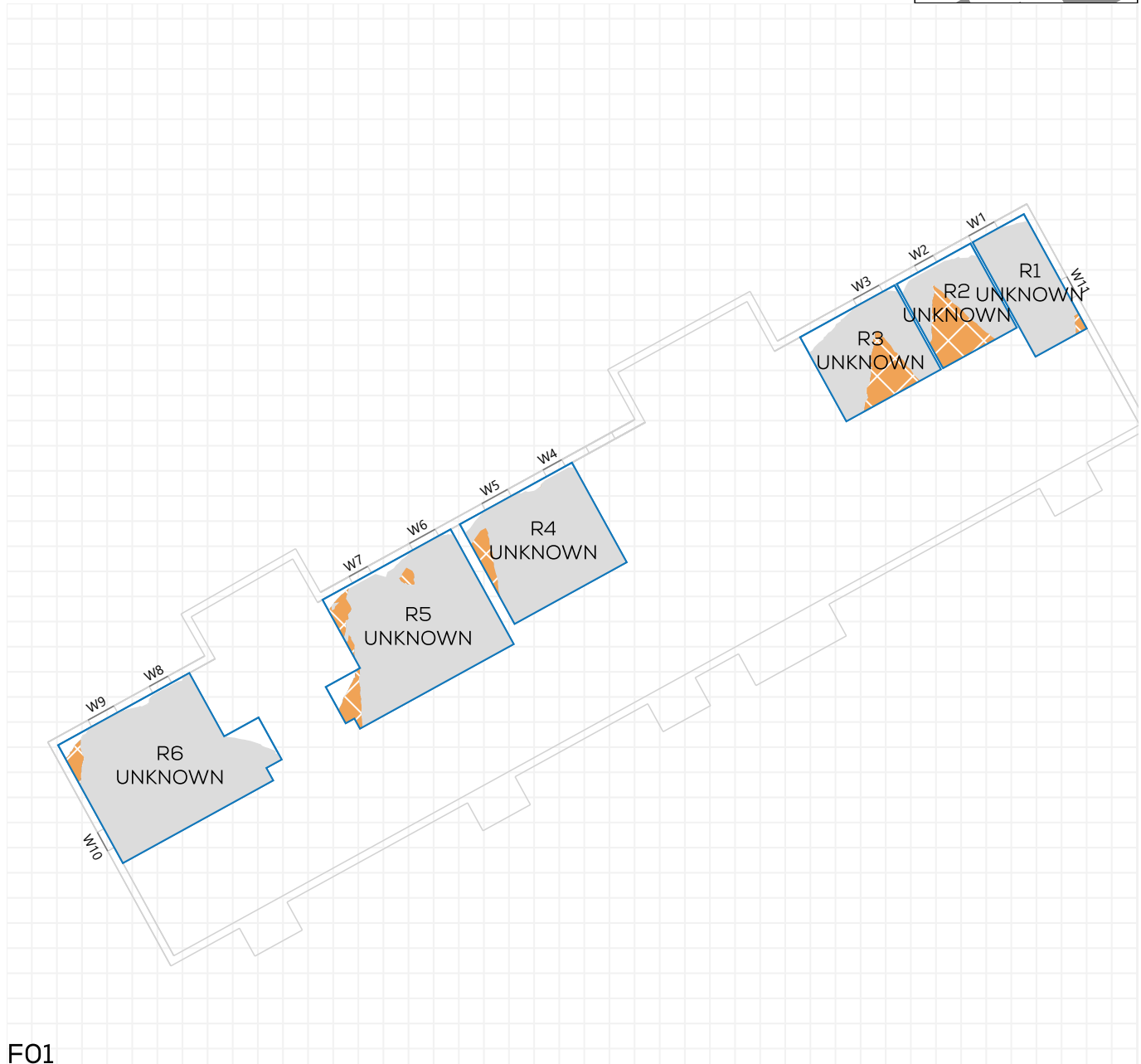
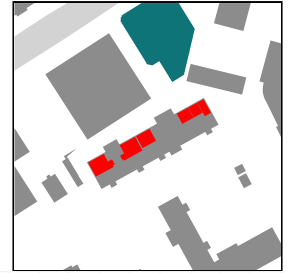
F00

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
37 CHAPELTOWN STREET BLOCK B								
F00	R1	RESIDENTIAL	UNKNOWN	12.1	93.8	67.5	3.2	28.1
F00	R2	RESIDENTIAL	UNKNOWN	12.8	95.6	58.7	4.7	38.6
F00	R3	RESIDENTIAL	UNKNOWN	16.4	78.4	47.8	5.0	39
F00	R4	RESIDENTIAL	UNKNOWN	23.0	97.9	92.2	1.3	5.9
F00	R5	RESIDENTIAL	UNKNOWN	33.4	95	86.1	3.0	9.4
F00	R6	RESIDENTIAL	UNKNOWN	35.4	90.9	88.5	0.8	2.6

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 37 CHAPELTOWN STREET BLOCK B
 DATE: 26/05/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS02-DD25

KEY:

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



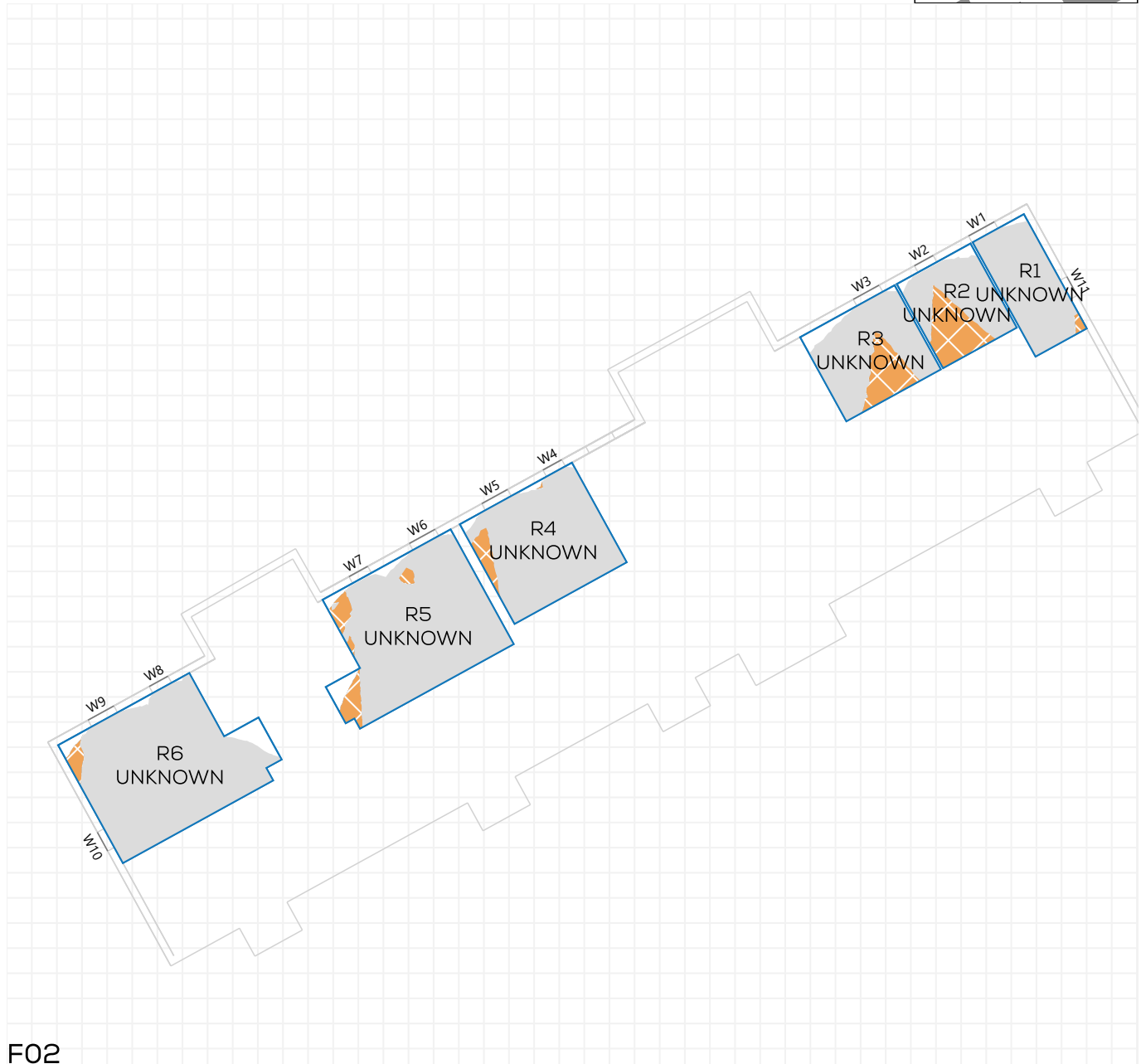
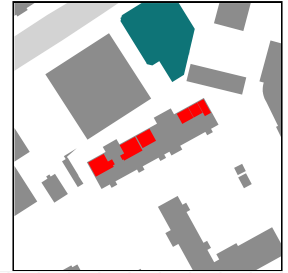
F01

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
37 CHAPELTOWN STREET BLOCK B								
F01	R1	RESIDENTIAL	UNKNOWN	12.1	98.6	96.5	0.2	2
F01	R2	RESIDENTIAL	UNKNOWN	12.8	94.5	61	4.3	35.5
F01	R3	RESIDENTIAL	UNKNOWN	16.4	94.3	73.5	3.4	22
F01	R4	RESIDENTIAL	UNKNOWN	23.0	97.5	92.5	1.1	5.1
F01	R5	RESIDENTIAL	UNKNOWN	33.4	95.1	87.9	2.4	7.6
F01	R6	RESIDENTIAL	UNKNOWN	35.4	94.8	93	0.6	1.9

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 37 CHAPELTOWN STREET BLOCK B
 DATE: 26/05/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS02-DD26

KEY:

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



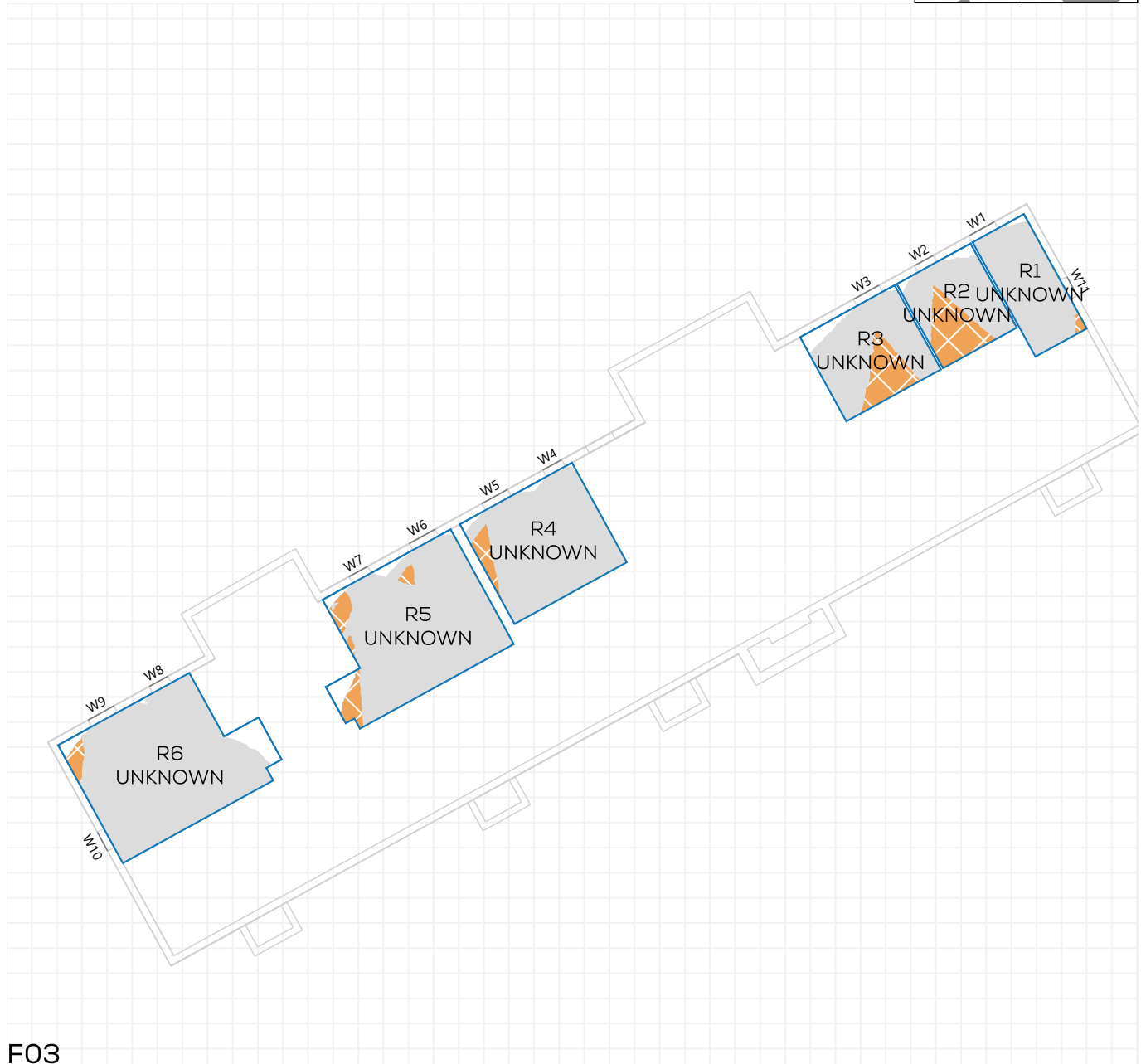
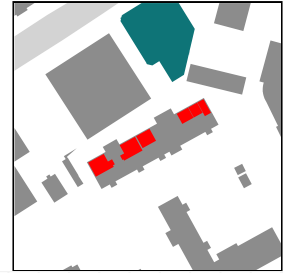
F02

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
37 CHAPELTOWN STREET BLOCK B								
F02	R1	RESIDENTIAL	UNKNOWN	12.1	98.6	96.5	0.2	2
F02	R2	RESIDENTIAL	UNKNOWN	12.8	95.3	61.5	4.3	35.4
F02	R3	RESIDENTIAL	UNKNOWN	16.4	94.3	73.4	3.4	22.2
F02	R4	RESIDENTIAL	UNKNOWN	23.0	97.9	92.9	1.2	5.2
F02	R5	RESIDENTIAL	UNKNOWN	33.4	95.2	88	2.4	7.5
F02	R6	RESIDENTIAL	UNKNOWN	35.4	94.4	92.6	0.7	2

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 37 CHAPELTOWN STREET BLOCK B
 DATE: 26/05/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS02-DD27

KEY:

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



F03

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
37 CHAPELTOWN STREET BLOCK B								
F03	R1	RESIDENTIAL	UNKNOWN	12.1	98.5	96.5	0.2	2
F03	R2	RESIDENTIAL	UNKNOWN	12.8	95.7	61.7	4.4	35.5
F03	R3	RESIDENTIAL	UNKNOWN	16.4	94.2	72.7	3.5	22.8
F03	R4	RESIDENTIAL	UNKNOWN	23.0	98.2	93	1.2	5.3
F03	R5	RESIDENTIAL	UNKNOWN	33.4	95.3	87.9	2.5	7.8
F03	R6	RESIDENTIAL	UNKNOWN	35.4	93.8	91.8	0.7	2.2

					VSC (WINDOW)					NSL					APSH (ROOM)						
FLOOR	ROOM	PROPERTY	ROOM	WINDOW	EX	PR	LOSS	LOSS	MEETS	EX	PR	LOSS	LOSS	MEETS	EX		PR		LOSS %		MEETS
		TYPE	USE		%	%		%	CRITERIA	%	%	SQM	%	CRITERIA	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	
WHARF CLOSE																					
F00	R3	RESIDENTIAL	LKD	W4/F00	30.8	25.6	5.2	16.9%	YES	95.4	91.7	0.5	3.9%	YES	62	18	53	18	14.5%	0.0%	YES
	R4	RESIDENTIAL	KITCHEN (1)	W5/F00	30.9	25.3	5.6	18.1%	YES	95.5	95.5	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R5	RESIDENTIAL	KITCHEN (1)	W6/F00	30.8	24.7	6.1	19.8%	YES	97.2	97.2	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R6	RESIDENTIAL	LKD	W7/F00	30.6	24	6.6	21.6%	NO	97.3	97.1	0.0	0.2%	YES	66	19	54	18	18.2%	5.3%	YES
	R10	RESIDENTIAL	LKD	W12/F00	30.1	21.6	8.5	28.2%	NO	96.5	85.1	1.7	11.8%	YES	65	19	51	16	21.5%	15.8%	YES
	R11	RESIDENTIAL	KITCHEN (1)	W13/F00	27.5	18.4	9.1	33.1%	NO	97.6	87.8	0.7	10.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R12	RESIDENTIAL	LIVING ROOM	W14/F00	30.3	20.4	9.9	32.7%	NO	92.7	75.2	2.7	18.8%	YES	68	18	53	15	22.1%	16.7%	YES
	R13	RESIDENTIAL	LKD	W15/F00	30.3	19.3	11	36.3%	NO	97	64.7	3.8	33.3%	NO	65	17	45	11	30.8%	35.3%	YES
F01	R2	RESIDENTIAL	BEDROOM	W2/F01	28.5	23.9	4.6	16.1%	YES	82.6	81	0.2	1.9%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	BEDROOM	W4/F01	32.4	26.6	5.8	17.9%	YES	96.3	95.9	0.0	0.4%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R5	RESIDENTIAL	BEDROOM	W5/F01	32.2	26	6.2	19.3%	YES	97.8	97.8	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R7	RESIDENTIAL	BEDROOM	W7/F01	29.8	22.5	7.3	24.5%	NO	88.6	79.5	0.9	10.2%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R9	RESIDENTIAL	BEDROOM	W9/F01	29.4	21.2	8.2	27.9%	NO	86.9	78.5	0.8	9.7%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R11	RESIDENTIAL	BEDROOM	W11/F01	28.9	19.5	9.4	32.5%	NO	96.1	78.4	1.7	18.4%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R12	RESIDENTIAL	BEDROOM	W12/F01	31.9	21.5	10.4	32.6%	NO	96	90.5	0.5	5.7%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R14	RESIDENTIAL	BEDROOM	W14/F01	31.9	20.5	11.4	35.7%	NO	98.6	67.8	4.0	31.3%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
F02	R1	RESIDENTIAL	BEDROOM	W1/F02	29.5	24.9	4.6	15.6%	YES	94.8	94.8	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	KITCHEN (1)	W3/F02	33.6	28	5.6	16.7%	YES	92.7	87.1	0.4	6.1%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	KITCHEN (1)	W4/F02	33.5	27.1	6.4	19.1%	YES	95.4	91.2	0.3	4.4%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R6	RESIDENTIAL	BEDROOM	W6/F02	31	23.6	7.4	23.9%	NO	98.3	94.7	0.3	3.7%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R7	RESIDENTIAL	BEDROOM	W7/F02	30.6	22.2	8.4	27.5%	NO	98.5	94.4	0.3	4.2%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R9	RESIDENTIAL	KITCHEN (1)	W9/F02	32	22.6	9.4	29.4%	NO	93.9	92.3	0.1	1.7%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R10	RESIDENTIAL	BEDROOM	W10/F02	33.3	22.6	10.7	32.1%	NO	99.5	81.1	1.2	18.5%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R11	RESIDENTIAL	BEDROOM	W11/F02	33.3	21.9	11.4	34.2%	NO	99.1	91.9	0.7	7.3%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
F03	R12	RESIDENTIAL	KITCHEN (1)	W12/F02	33.3	21.4	11.9	35.7%	NO	99.4	77.3	1.6	22.2%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	BEDROOM	W2/F03	30.1	25.6	4.5	15.0%	YES	96.4	96.4	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	KITCHEN (1)	W4/F03	34.3	28.7	5.6	16.3%	YES	95	89.7	0.4	5.5%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R5	RESIDENTIAL	KITCHEN (1)	W5/F03	34.3	27.9	6.4	18.7%	YES	96	91.5	0.3	4.7%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R7	RESIDENTIAL	BEDROOM	W7/F03	31.7	24.2	7.5	23.7%	NO	98.3	94.6	0.3	3.8%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R9	RESIDENTIAL	BEDROOM	W9/F03	31.3	22.7	8.6	27.5%	NO	98.6	94.5	0.3	4.2%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R11	RESIDENTIAL	KITCHEN (1)	W11/F03	32.8	23.2	9.6	29.3%	NO	94	92.5	0.1	1.7%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A

(1) KITCHEN SMALLER THAN 13m2

(2) INC\HZ = SKY COMPONENT (INCLINED\HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

					VSC (WINDOW)					NSL					APSH (ROOM)							
FLOOR	ROOM	PROPERTY	ROOM	WINDOW	EX	PR	LOSS	LOSS	MEETS	EX	PR	LOSS	LOSS	MEETS	EX		PR		LOSS %		MEETS	
		TYPE	USE		%	%		%	CRITERIA	%	%	SQM	%	CRITERIA	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER		CRITERIA
WHARF CLOSE (CONTINUED)																						
	R12	RESIDENTIAL	BEDROOM	W12/F03	34.3	23.2	11.1	32.4%	NO	99.5	81.7	1.2	17.8%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R13	RESIDENTIAL	BEDROOM	W13/F03	34.2	22.4	11.8	34.5%	NO	99.2	92	0.7	7.3%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R14	RESIDENTIAL	KITCHEN (1)	W14/F03	34.2	22.1	12.1	35.4%	NO	99.4	77.3	1.6	22.3%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
F04	R1	RESIDENTIAL	BEDROOM	W1/F04	24.5	20.1	4.4	18.0%	YES	96.7	96.7	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R3	RESIDENTIAL	KITCHEN (1)	W3/F04	26.9	21.6	5.3	19.7%	YES	94.8	88.9	0.4	6.3%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R4	RESIDENTIAL	KITCHEN (1)	W4/F04	26.9	20.8	6.1	22.7%	NO	94.9	90.3	0.3	4.8%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R6	RESIDENTIAL	BEDROOM	W6/F04	24.8	18.2	6.6	26.6%	NO	96.5	92.4	0.3	4.2%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R7	RESIDENTIAL	BEDROOM	W7/F04	24.4	15.9	8.5	34.8%	NO	96.8	92.7	0.3	4.2%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R9	RESIDENTIAL	KITCHEN (1)	W9/F04	25.1	15.7	9.4	37.5%	NO	93.5	91.6	0.1	2.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R10	RESIDENTIAL	BEDROOM	W10/F04	26.9	16.2	10.7	39.8%	NO	97.7	79.5	1.2	18.6%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R11	RESIDENTIAL	BEDROOM	W11/F04	27	15.6	11.4	42.2%	NO	98.9	91.7	0.7	7.3%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R12	RESIDENTIAL	KITCHEN (1)	W12/F04	27.4	15.4	12	43.8%	NO	99.4	77.5	1.6	22.0%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
19-26 THOMAS TELFORD BASIN																						
F00	R1	RESIDENTIAL	BEDROOM	W1/F00	34.8	17.9	16.9	48.6%	NO	99.7	91.7	1.2	8.1%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			BEDROOM	W9/F00	30.3	20.5	9.8	32.3%	NO													
	R4	RESIDENTIAL	BEDROOM	W4/F00	34.9	24.4	10.5	30.1%	NO	99.5	97.2	0.4	2.4%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			BEDROOM	W5/F00	34.8	34.8	0	0.0%	YES													
	R5	RESIDENTIAL	LIVING ROOM	W6/F00	24.6	24.6	0	0.0%	YES	99.6	98.6	0.1	1.0%	YES	76	16	59	15	22.4%	6.3%	YES	
			LIVING ROOM	W7/F00	28.7	23.1	5.6	19.5%	YES													
	R6	RESIDENTIAL	KITCHEN (1)	W8/F00	29.9	22.4	7.5	25.1%	NO	96.8	91.1	0.5	5.9%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
F01	R1	RESIDENTIAL	BEDROOM	W1/F01	35.5	18.3	17.2	48.5%	NO	99.7	99	0.1	0.7%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			BEDROOM	W9/F01	32.4	22.4	10	30.9%	NO													
	R4	RESIDENTIAL	BEDROOM	W4/F01	35.6	25.1	10.5	29.5%	NO	99.5	97.7	0.3	1.9%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			BEDROOM	W5/F01	35.8	35.8	0	0.0%	YES													
	R5	RESIDENTIAL	LIVING ROOM	W6/F01	27.5	27.5	0	0.0%	YES	99.7	98.8	0.1	0.9%	YES	82	18	65	17	20.7%	5.6%	YES	
			LIVING ROOM	W7/F01	31	25.4	5.6	18.1%	YES													
	R6	RESIDENTIAL	KITCHEN (1)	W8/F01	32	24.5	7.5	23.4%	NO	98	92.3	0.5	5.9%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
F02	R1	RESIDENTIAL	BEDROOM	W1/F02	36	18.7	17.3	48.1%	NO	99.7	99.7	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			BEDROOM	W9/F02	34.3	24.2	10.1	29.4%	NO													
	R4	RESIDENTIAL	BEDROOM	W4/F02	36.1	25.6	10.5	29.1%	NO	99.6	97.8	0.3	1.8%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

(1) KITCHEN SMALLER THAN 13m2

(2) INC\HZ = SKY COMPONENT (INCLINED\HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

					VSC (WINDOW)					NSL					APSH (ROOM)							
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	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		
19-26 THOMAS TELFORD BASIN (CONTINUED)																						
			BEDROOM	W5/F02	36.8	36.8	0	0.0%	YES													
	R5	RESIDENTIAL	LIVING ROOM	W6/F02	30.6	30.6	0	0.0%	YES	99.7	98.6	0.1	11%	YES	87	21	70	20	19.5%	4.8%	YES	
			LIVING ROOM	W7/F02	33.4	27.8	5.6	16.8%	YES													
	R6	RESIDENTIAL	KITCHEN (1)	W8/F02	34	26.5	7.5	22.1%	NO	98	92.3	0.5	5.8%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
F03	R1	RESIDENTIAL	BEDROOM	W1/F03	36.5	19.2	17.3	47.4%	NO	99.7	99.7	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			BEDROOM	W9/F03	36.3	26.2	10.1	27.8%	NO													
	R4	RESIDENTIAL	BEDROOM	W4/F03	36.6	26.2	10.4	28.4%	NO	99.5	96.9	0.4	2.7%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			BEDROOM	W5/F03	37.5	37.5	0	0.0%	YES													
	R5	RESIDENTIAL	LIVING ROOM	W6/F03	33.5	33.5	0	0.0%	YES	99.6	98.6	0.1	1.0%	YES	93	25	76	24	18.3%	4.0%	YES	
			LIVING ROOM	W7/F03	35.8	30.3	5.5	15.4%	YES													
	R6	RESIDENTIAL	KITCHEN (1)	W8/F03	36.2	28.7	7.5	20.7%	YES	96.2	91.1	0.4	5.4%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
27-34 THOMAS TELFORD BASIN																						
F00	R1	RESIDENTIAL	BEDROOM	W1/F00	27.2	27.2	0	0.0%	YES	98.9	98.9	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			BEDROOM	W2/F00	27.3	18	9.3	34.1%	NO													
	R4	RESIDENTIAL	BEDROOM	W5/F00	29.5	20.8	8.7	29.5%	NO	95.8	95.5	0.0	0.3%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
F01	R1	RESIDENTIAL	BEDROOM	W1/F01	30.2	30.2	0	0.0%	YES	99.6	99.6	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			BEDROOM	W2/F01	29.7	20.6	9.1	30.6%	NO													
	R4	RESIDENTIAL	BEDROOM	W5/F01	31.8	23.2	8.6	27.0%	NO	97	96.7	0.0	0.3%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
F02	R1	RESIDENTIAL	BEDROOM	W1/F02	33.2	33.1	0.1	0.3%	YES	99.6	99.6	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			BEDROOM	W2/F02	32.1	23.2	8.9	27.7%	NO													
	R4	RESIDENTIAL	BEDROOM	W5/F02	33.8	25.4	8.4	24.9%	NO	97.6	97.1	0.1	0.5%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
F03	R1	RESIDENTIAL	BEDROOM	W1/F03	36	36	0	0.0%	YES	99.6	99.6	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			BEDROOM	W2/F03	34.6	26	8.6	24.9%	NO													
	R4	RESIDENTIAL	BEDROOM	W5/F03	35.6	27.5	8.1	22.8%	YES	97.5	96.9	0.1	0.6%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
35-40 THOMAS TELFORD BASIN																						
F00	R1	RESIDENTIAL	KITCHEN (1)	W1/F00	29.4	28.5	0.9	3.1%	YES	94.5	94.5	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R2	RESIDENTIAL	LKD	W2/F00	29.4	28.4	1	3.4%	YES	97.5	96.9	0.1	0.6%	YES	56	15	56	15	0.0%	0.0%	YES	
			LKD	W3/F00	29	27.7	1.3	4.5%	YES													
	R3	RESIDENTIAL	LKD	W4/F00	29	27.6	1.4	4.8%	YES	97.5	96.8	0.1	0.8%	YES	54	14	54	14	0.0%	0.0%	YES	

(1) KITCHEN SMALLER THAN 13m2

(2) INC\HZ = SKY COMPONENT (INCLINED\HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

					VSC (WINDOW)					NSL					APSH (ROOM)							
FLOOR	ROOM	PROPERTY	ROOM	WINDOW	EX	PR	LOSS	LOSS	MEETS	EX	PR	LOSS	LOSS	MEETS	EX		PR		LOSS %		MEETS	
		TYPE	USE		%	%		%	CRITERIA	%	%	SQM	%	CRITERIA	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	CRITERIA	
35-40 THOMAS TELFORD BASIN (CONTINUED)																						
			LKD	W5/F00	29.5	27.7	1.8	6.1%	YES													
	R4	RESIDENTIAL	KITCHEN (1)	W6/F00	29.5	27.5	2	6.8%	YES	94.4	94.1	0.0	0.4%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R6	RESIDENTIAL	LKD	W8/F00	29.2	26.5	2.7	9.2%	YES	98.5	93.1	1.1	5.5%	YES	51	14	50	14	2.0%	0.0%	YES	
			LKD	W9/F00	28.9	25.8	3.1	10.7%	YES													
	R7	RESIDENTIAL	BEDROOM	W10/F00	28.7	24.4	4.3	15.0%	YES	97.3	79.6	1.9	18.2%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R8	RESIDENTIAL	BEDROOM	W11/F00	26.8	20.2	6.6	24.6%	NO	98.2	76.2	3.2	22.5%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
F01	R1	RESIDENTIAL	KITCHEN (1)	W1/F01	31.7	30.8	0.9	2.8%	YES	94.6	94.6	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R2	RESIDENTIAL	LKD	W2/F01	31.6	30.6	1	3.2%	YES	97.5	97	0.1	0.5%	YES	58	16	58	16	0.0%	0.0%	YES	
			LKD	W3/F01	30.7	29.4	1.3	4.2%	YES													
	R3	RESIDENTIAL	LKD	W4/F01	30.7	29.3	1.4	4.6%	YES	97.5	97	0.1	0.5%	YES	57	16	57	16	0.0%	0.0%	YES	
			LKD	W5/F01	31.6	29.9	1.7	5.4%	YES													
	R4	RESIDENTIAL	KITCHEN (1)	W6/F01	31.7	29.8	1.9	6.0%	YES	94.4	94.3	0.0	0.1%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R5	RESIDENTIAL	UNKNOWN	W7/F01	29.7	27.3	2.4	8.1%	YES	99.5	99.2	0.0	0.3%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R6	RESIDENTIAL	LKD	W8/F01	31.4	28.7	2.7	8.6%	YES	98.5	95.3	0.6	3.3%	YES	57	18	56	18	1.8%	0.0%	YES	
			LKD	W9/F01	31.2	28	3.2	10.3%	YES													
	R7	RESIDENTIAL	BEDROOM	W10/F01	31.4	26.7	4.7	15.0%	YES	97.4	79.8	1.9	18.1%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R8	RESIDENTIAL	BEDROOM	W11/F01	29.9	22.9	7	23.4%	NO	98.7	79.5	2.8	19.4%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
F02	R1	RESIDENTIAL	KITCHEN (1)	W1/F02	34	33.2	0.8	2.4%	YES	94.7	94.7	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R2	RESIDENTIAL	LKD	W2/F02	33.8	33	0.8	2.4%	YES	98.7	98	0.1	0.8%	YES	61	18	61	18	0.0%	0.0%	YES	
			LKD	W3/F02	30.6	29.8	0.8	2.6%	YES													
			LKD	W13/F02	28.6	27.4	1.2	4.2%	YES													
	R3	RESIDENTIAL	LKD	W4/F02	30.6	29.1	1.5	4.9%	YES	98.7	98.6	0.0	0.1%	YES	62	20	62	20	0.0%	0.0%	YES	
			LKD	W5/F02	33.8	32.1	1.7	5.0%	YES													
			LKD	W12/F02	28.7	27.3	1.4	4.9%	YES													
	R4	RESIDENTIAL	KITCHEN (1)	W6/F02	33.9	32	1.9	5.6%	YES	94.4	94.4	0.0	0.1%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R5	RESIDENTIAL	UNKNOWN	W7/F02	31.9	29.6	2.3	7.2%	YES	99.5	99.1	0.0	0.4%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R6	RESIDENTIAL	LKD	W8/F02	33.6	31	2.6	7.7%	YES	98.5	97.5	0.2	1.0%	YES	61	18	60	18	1.6%	0.0%	YES	
			LKD	W9/F02	33.3	30.3	3	9.0%	YES													
	R7	RESIDENTIAL	BEDROOM	W10/F02	33.5	29	4.5	13.4%	YES	97.4	79.8	1.9	18.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R8	RESIDENTIAL	BEDROOM	W11/F02	31.8	25	6.8	21.4%	NO	98.7	79.4	2.8	19.6%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
F03	R1	RESIDENTIAL	LKD	W1/F03	36.1	35	1.1	3.0%	YES	74.4	72.5	0.4	2.6%	YES	66	22	66	22	0.0%	0.0%	YES	

(1) KITCHEN SMALLER THAN 13m2

(2) INC\HZ = SKY COMPONENT (INCLINED\HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

					VSC (WINDOW)					NSL					APSH (ROOM)						
FLOOR	ROOM	PROPERTY	ROOM	WINDOW	EX.	PR.	LOSS	LOSS	MEETS	EX.	PR.	LOSS	LOSS	MEETS	EX.		PR.		LOSS %		MEETS
		TYPE	USE		%	%		%	CRITERIA	%	%	SQM	%	CRITERIA	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	CRITERIA
35-40 THOMAS TELFORD BASIN (CONTINUED)																					
	R2	RESIDENTIAL	LKD	W2/F03	36.1	34.8	1.3	3.6%	YES	73.3	73.1	0.0	0.3%	YES	65	21	65	21	0.0%	0.0%	YES
37 CHAPELTOWN STREET BLOCK A																					
F00	R1	RESIDENTIAL	UNKNOWN	W1/F00	27.2	25.7	1.5	5.5%	YES	93.4	93.3	0.0	0.2%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	W2/F00	27.2	25.7	1.5	5.5%	YES												
	R2	RESIDENTIAL	UNKNOWN	W3/F00	27	25.7	1.3	4.8%	YES	97.1	93.5	0.4	3.7%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	UNKNOWN	W4/F00	11.4	10.3	1.1	9.6%	YES	70.8	70.6	0.0	0.4%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN	W5/F00	18	17.9	0.1	0.6%	YES	93	93	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	W6/F00 / INC (2)	27	27	0	0.0%	YES												
			UNKNOWN	W7/F00 / INC (2)	26.9	26.9	0	0.0%	YES												
F01	R1	RESIDENTIAL	UNKNOWN	W1/F01	30.3	28.7	1.6	5.3%	YES	92.3	89.9	0.5	2.6%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN	W2/F01	29.9	28.4	1.5	5.0%	YES	93.2	88.4	0.5	5.2%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	UNKNOWN	W3/F01	12.7	11.4	1.3	10.2%	YES	72.4	70.6	0.2	2.4%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN	W4/F01	22.3	21.7	0.6	2.7%	YES	96.9	96.9	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	W5/F01	29.8	29.8	0	0.0%	YES												
F02	R1	RESIDENTIAL	UNKNOWN	W1/F02	33.3	31.6	1.7	5.1%	YES	97.7	97.7	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN	W2/F02	32.9	31.3	1.6	4.9%	YES	99.6	99.4	0.0	0.2%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	UNKNOWN	W3/F02	14.5	13.1	1.4	9.7%	YES	77	76.9	0.0	0.1%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN	W4/F02	27.7	26.2	1.5	5.4%	YES	97.9	97.2	0.1	0.8%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	W5/F02	32.5	32.5	0	0.0%	YES												
F03	R1	RESIDENTIAL	UNKNOWN	W1/F03	35.8	34	1.8	5.0%	YES	97.7	97.7	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN	W2/F03	35.6	33.9	1.7	4.8%	YES	99.5	99.4	0.0	0.1%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	UNKNOWN	W3/F03	16.4	14.8	1.6	9.8%	YES	80.9	80.8	0.0	0.1%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN	W4/F03	33.5	31.1	2.4	7.2%	YES	99.1	97.4	0.2	1.8%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	W5/F03	35	35	0	0.0%	YES												
F04	R1	RESIDENTIAL	UNKNOWN	W1/F04	34.3	32.5	1.8	5.2%	YES	96.9	96.9	0.0	0.1%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN	W2/F04	34.2	32.5	1.7	5.0%	YES	98.4	96.8	0.2	1.6%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	LKD	W3/F04	14.7	14.3	0.4	2.7%	YES	98.8	98.7	0.0	0.1%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			LKD	W4/F04	3.1	2.6	0.5	16.1%	YES												
			LKD	W5/F04	5.2	4.8	0.4	7.7%	YES												
			LKD	W6/F04	14	11.1	2.9	20.7%	NO												

(1) KITCHEN SMALLER THAN 13m2

(2) INC\HZ = SKY COMPONENT (INCLINED\HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

					VSC (WINDOW)					NSL					APSH (ROOM)						
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	EX	PR	LOSS	LOSS	MEETS	EX	PR	LOSS	LOSS	MEETS	EX		PR		LOSS %		MEETS
					%	%		%	CRITERIA	%	%	SQM	%	CRITERIA	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	CRITERIA
37 CHAPELTOWN STREET BLOCK B																					
F00	R1	RESIDENTIAL	UNKNOWN	W1/F00	27.2	16	11.2	41.2%	NO	93.8	67.5	3.2	28.1%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	W11/F00	22.2	21.7	0.5	2.3%	YES												
	R2	RESIDENTIAL	UNKNOWN	W2/F00	30	17.3	12.7	42.3%	NO	95.6	58.7	4.7	38.6%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	W3/F00	30.7	17.6	13.1	42.7%	NO	78.4	47.8	5.0	39.0%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN	W4/F00	32.3	22.6	9.7	30.0%	NO	97.9	92.2	1.3	5.9%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	W5/F00	33.3	24.4	8.9	26.7%	NO												
	R5 (3)	RESIDENTIAL	UNKNOWN	W6/F00	32.9	25.1	7.8	23.7%	NO	95	86.1	3.0	9.4%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	W7/F00	28.6	21.6	7	24.5%	NO												
	R6	RESIDENTIAL	UNKNOWN	W8/F00	29.8	28.3	1.5	5.0%	YES	90.9	88.5	0.8	2.6%	YES	55	11	55	11	0.0%	0.0%	YES
			UNKNOWN	W9/F00	33.4	29.6	3.8	11.4%	YES												
			UNKNOWN	W10/F00	31.8	31.8	0	0.0%	YES												
F01	R1	RESIDENTIAL	UNKNOWN	W1/F01	32.9	18.9	14	42.6%	NO	98.6	96.5	0.2	2.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	W11/F01	27.6	26.9	0.7	2.5%	YES												
	R2	RESIDENTIAL	UNKNOWN	W2/F01	33.7	19.5	14.2	42.1%	NO	94.5	61	4.3	35.5%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	W3/F01	32.6	19.2	13.4	41.1%	NO	94.3	73.5	3.4	22.0%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN	W4/F01	33.1	23.4	9.7	29.3%	NO	97.5	92.5	11	5.1%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	W5/F01	34.2	25.3	8.9	26.0%	NO												
	R5 (3)	RESIDENTIAL	UNKNOWN	W6/F01	33.8	26	7.8	23.1%	NO	95.1	87.9	2.4	7.6%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	W7/F01	29.4	22.6	6.8	23.1%	NO												
	R6	RESIDENTIAL	UNKNOWN	W8/F01	30.6	29.1	1.5	4.9%	YES	94.8	93	0.6	1.9%	YES	58	14	58	14	0.0%	0.0%	YES
			UNKNOWN	W9/F01	34.2	30.5	3.7	10.8%	YES												
			UNKNOWN	W10/F01	33	33	0	0.0%	YES												
F02	R1	RESIDENTIAL	UNKNOWN	W1/F02	35	20.5	14.5	41.4%	NO	98.6	96.5	0.2	2.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	W11/F02	31.1	30.3	0.8	2.6%	YES												
	R2	RESIDENTIAL	UNKNOWN	W2/F02	34.9	20.7	14.2	40.7%	NO	95.3	61.5	4.3	35.4%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	W3/F02	33.7	20.2	13.5	40.1%	NO	94.3	73.4	3.4	22.2%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN	W4/F02	33.8	24.2	9.6	28.4%	NO	97.9	92.9	1.2	5.2%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	W5/F02	35	26.2	8.8	25.1%	NO												
	R5 (3)	RESIDENTIAL	UNKNOWN	W6/F02	34.6	27	7.6	22.0%	YES	95.2	88	2.4	7.5%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
UNKNOWN			W7/F02	30.1	23.4	6.7	22.3%	NO													

					VSC (WINDOW)					NSL					APSH (ROOM)						
FLOOR	ROOM	PROPERTY	ROOM	WINDOW	EX	PR	LOSS	LOSS	MEETS	EX	PR	LOSS	LOSS	MEETS	EX		PR		LOSS %		MEETS
		TYPE	USE		%	%		%	CRITERIA	%	%	SQM	%	CRITERIA	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	CRITERIA
37 CHAPELTOWN STREET BLOCK B (CONTINUED)																					
	R6	RESIDENTIAL	UNKNOWN	W8/F02	31.2	29.8	1.4	4.5%	YES	94.4	92.6	0.7	2.0%	YES	64	20	64	20	0.0%	0.0%	YES
			UNKNOWN	W9/F02	34.9	31.4	3.5	10.0%	YES												
			UNKNOWN	W10/F02	34	34	0	0.0%	YES												
F03	R1	RESIDENTIAL	UNKNOWN	W1/F03	36.1	21.6	14.5	40.2%	NO	98.5	96.5	0.2	2.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	W11/F03	33.8	33.1	0.7	2.1%	YES												
	R2	RESIDENTIAL	UNKNOWN	W2/F03	35.9	21.7	14.2	39.6%	NO	95.7	61.7	4.4	35.5%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	UNKNOWN	W3/F03	34.8	21.3	13.5	38.8%	NO	94.2	72.7	3.5	22.8%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN	W4/F03	34.7	25.3	9.4	27.1%	NO	98.2	93	1.2	5.3%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	W5/F03	35.9	27.3	8.6	24.0%	YES												
	R5 (3)	RESIDENTIAL	UNKNOWN	W6/F03	35.4	28	7.4	20.9%	YES	95.3	87.9	2.5	7.8%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	W7/F03	30.8	24.3	6.5	21.1%	NO												
	R6	RESIDENTIAL	UNKNOWN	W8/F03	31.8	30.4	1.4	4.4%	YES	93.8	91.8	0.7	2.2%	YES	64	20	64	20	0.0%	0.0%	YES
			UNKNOWN	W9/F03	35.6	32.2	3.4	9.6%	YES												
			UNKNOWN	W10/F03	35	35	0	0.0%	YES												

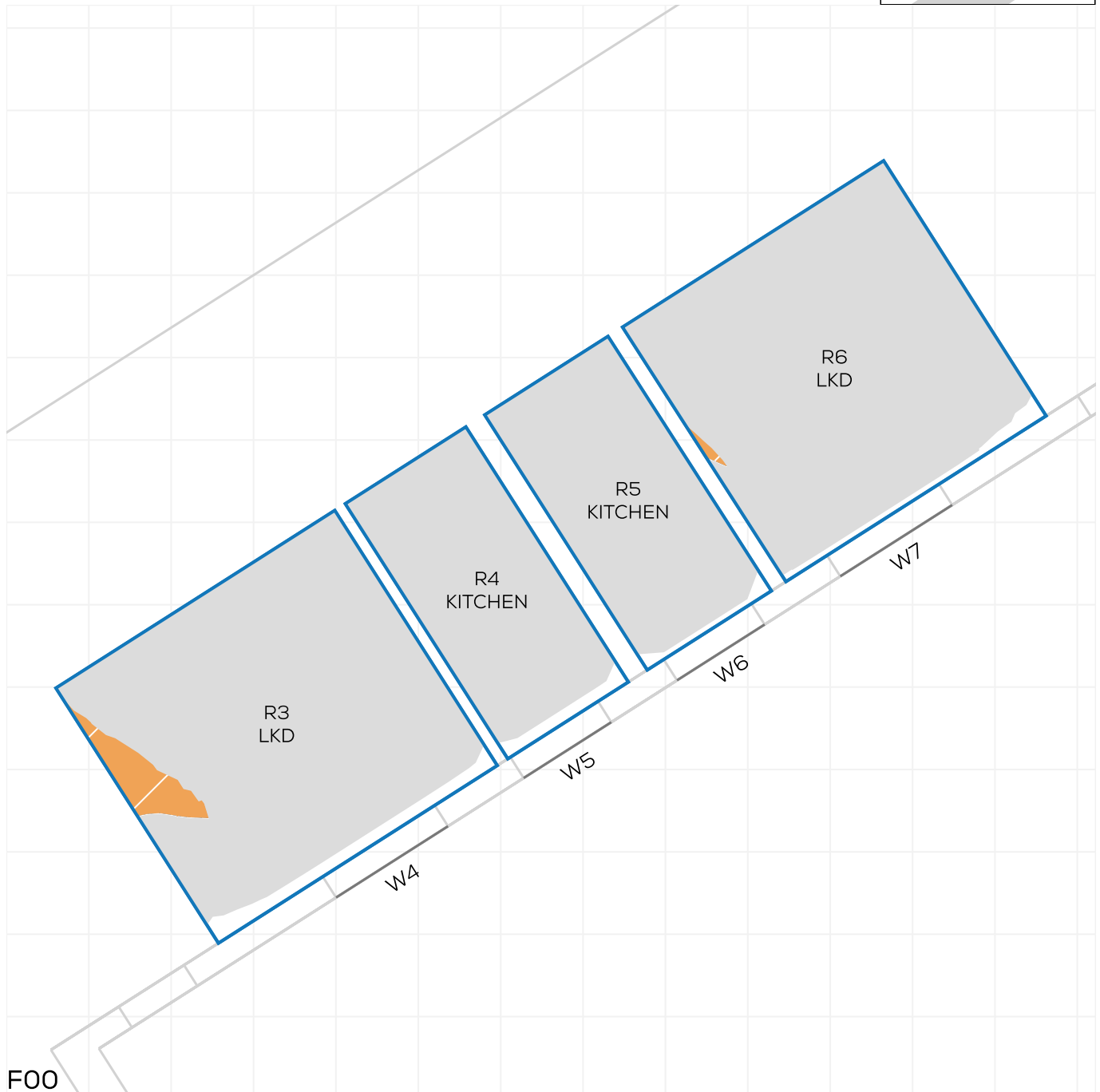
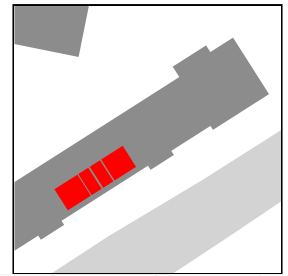
NSL CONTOURS



PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. CONSENTED
 ADDRESS: WHARF CLOSE
 DATE: 11/01/2022
 SCHEME IR: IR05
 DRAWING No.: 1447-RELO3-IS04-DD1

KEY:

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



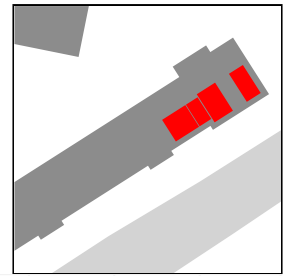
FOO

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
WHARF CLOSE								
FOO	R3	RESIDENTIAL	LKD	14.7	95.4	90.6	0.7	5
FOO	R4	RESIDENTIAL	KITCHEN	6.4	95.5	95.5	0.0	0
FOO	R5	RESIDENTIAL	KITCHEN	6.5	97.2	97.2	0.0	0
FOO	R6	RESIDENTIAL	LKD	13.8	97.3	96.9	0.0	0.4

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. CONSENTED
 ADDRESS: WHARF CLOSE
 DATE: 11/01/2022
 SCHEME IR: IR05
 DRAWING No.: 1447-REL03-IS04-DD2

KEY:

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

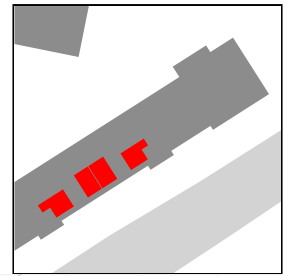


FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
WHARF CLOSE								
F00	R10	RESIDENTIAL	LKD	15.3	96.5	88.2	1.3	8.6
F00	R11	RESIDENTIAL	KITCHEN	7.7	97.6	73.2	1.9	25
F00	R12	RESIDENTIAL	LIVING ROOM	15.7	92.7	64.5	4.4	30.4
F00	R13	RESIDENTIAL	LKD	11.9	97	62.1	4.1	36

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. CONSENTED
 ADDRESS: WHARF CLOSE
 DATE: 11/01/2022
 SCHEME IR: IR05
 DRAWING No.: 1447-REL03-IS04-DD3

KEY:

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



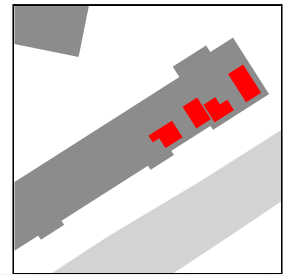
F01

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
WHARF CLOSE								
F01	R2	RESIDENTIAL	BEDROOM	10.8	82.6	80	0.3	3.1
F01	R4	RESIDENTIAL	BEDROOM	9.4	96.3	95.8	0.1	0.6
F01	R5	RESIDENTIAL	BEDROOM	10.0	97.8	97.8	0.0	0
F01	R7	RESIDENTIAL	BEDROOM	9.8	88.6	80.2	0.8	9.5

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. CONSENTED
 ADDRESS: WHARF CLOSE
 DATE: 11/01/2022
 SCHEME IR: IR05
 DRAWING No.: 1447-REL03-IS04-DD4

KEY:

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

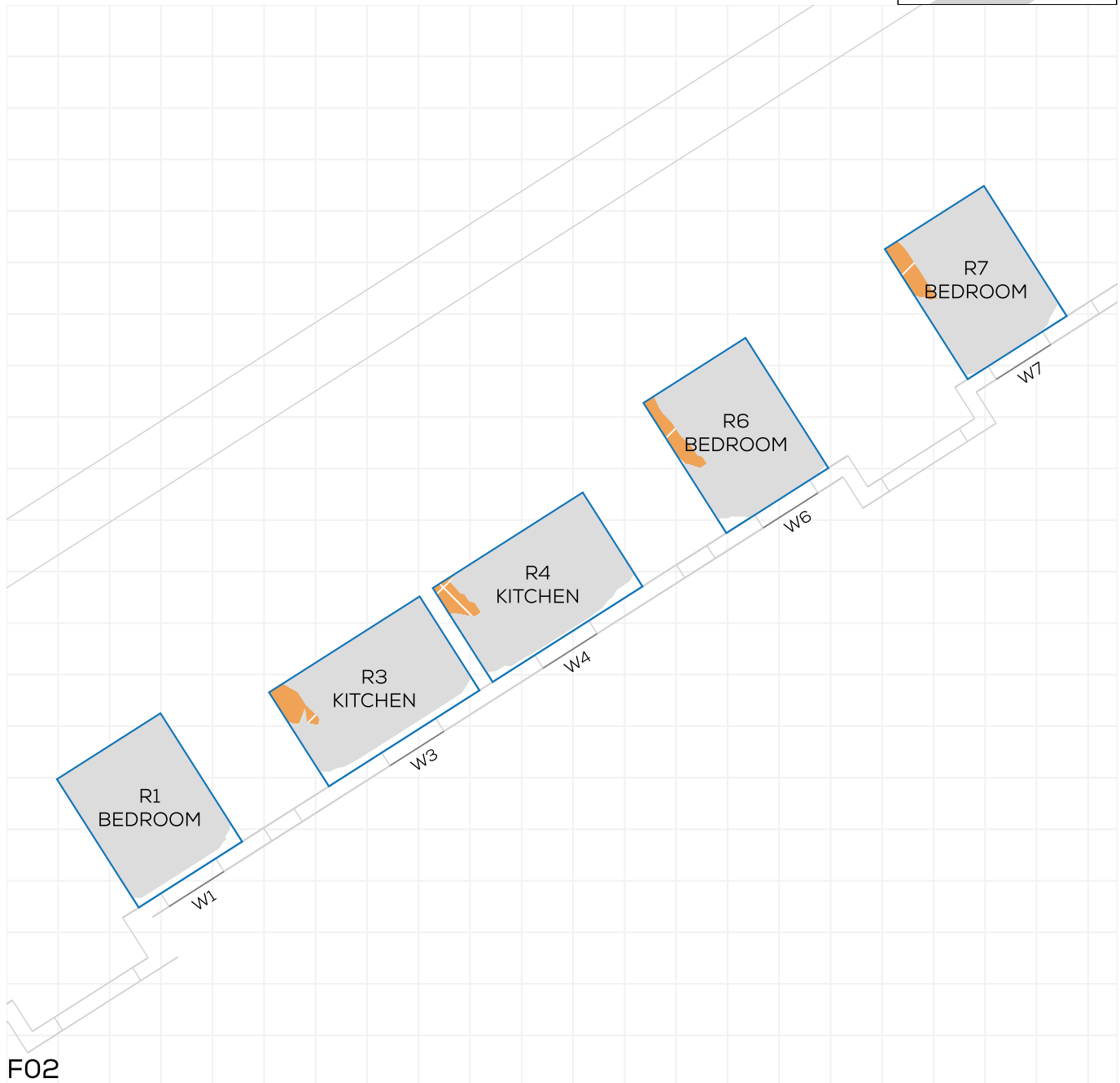
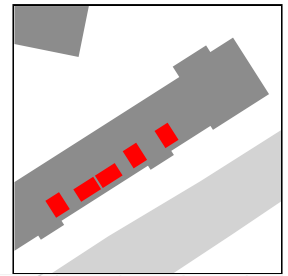


FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
WHARF CLOSE								
F01	R9	RESIDENTIAL	BEDROOM	9.9	86.9	78.1	0.9	10.2
F01	R11	RESIDENTIAL	BEDROOM	9.6	96.1	70.1	2.5	27
F01	R12	RESIDENTIAL	BEDROOM	8.7	96	85.6	0.9	10.8
F01	R14	RESIDENTIAL	BEDROOM	12.9	98.6	64.2	4.5	34.9

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. CONSENTED
 ADDRESS: WHARF CLOSE
 DATE: 11/01/2022
 SCHEME IR: IR05
 DRAWING No.: 1447-REL03-IS04-DD5

KEY:

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



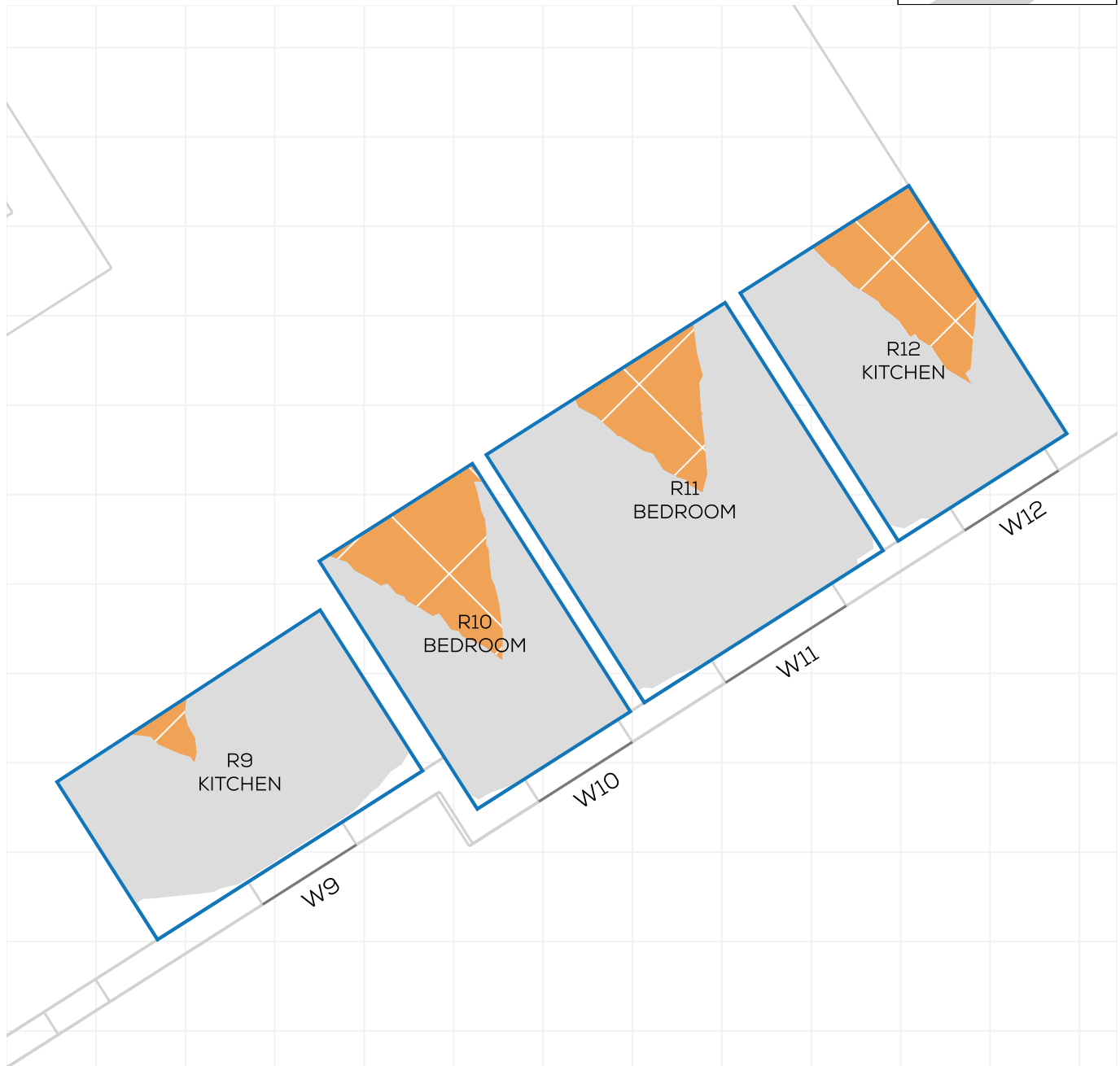
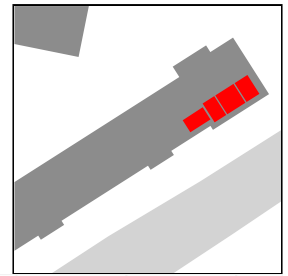
F02

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
WHARF CLOSE								
F02	R1	RESIDENTIAL	BEDROOM	7.0	94.8	94.8	0.0	0
F02	R3	RESIDENTIAL	KITCHEN	7.5	92.7	87.6	0.4	5.5
F02	R4	RESIDENTIAL	KITCHEN	7.5	95.4	90.9	0.3	4.8
F02	R6	RESIDENTIAL	BEDROOM	7.0	98.3	92.2	0.4	6.2
F02	R7	RESIDENTIAL	BEDROOM	6.8	98.5	92.4	0.4	6.2

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. CONSENTED
 ADDRESS: WHARF CLOSE
 DATE: 11/01/2022
 SCHEME IR: IR05
 DRAWING No.: 1447-REL03-IS04-DD6

KEY:

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



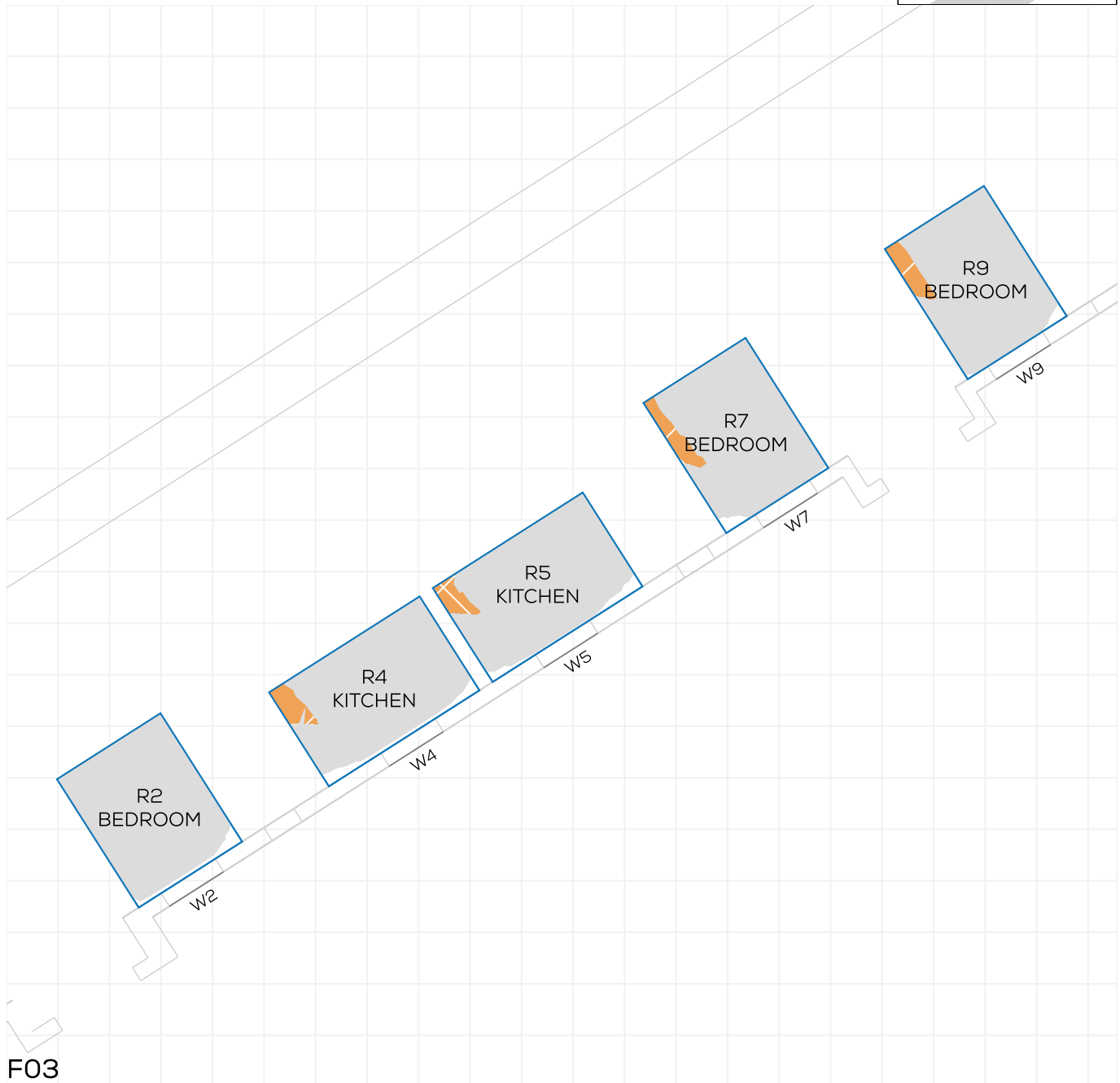
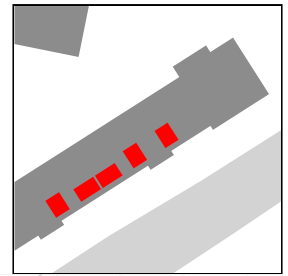
F02

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
WHARF CLOSE								
F02	R9	RESIDENTIAL	KITCHEN	7.4	93.9	90.8	0.2	3.3
F02	R10	RESIDENTIAL	BEDROOM	6.7	99.5	70	2.0	29.6
F02	R11	RESIDENTIAL	BEDROOM	10.4	99.1	85.5	1.4	13.8
F02	R12	RESIDENTIAL	KITCHEN	7.3	99.4	73.7	1.9	25.9

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. CONSENTED
 ADDRESS: WHARF CLOSE
 DATE: 11/01/2022
 SCHEME IR: IR05
 DRAWING No.: 1447-REL03-IS04-DD7

KEY:

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



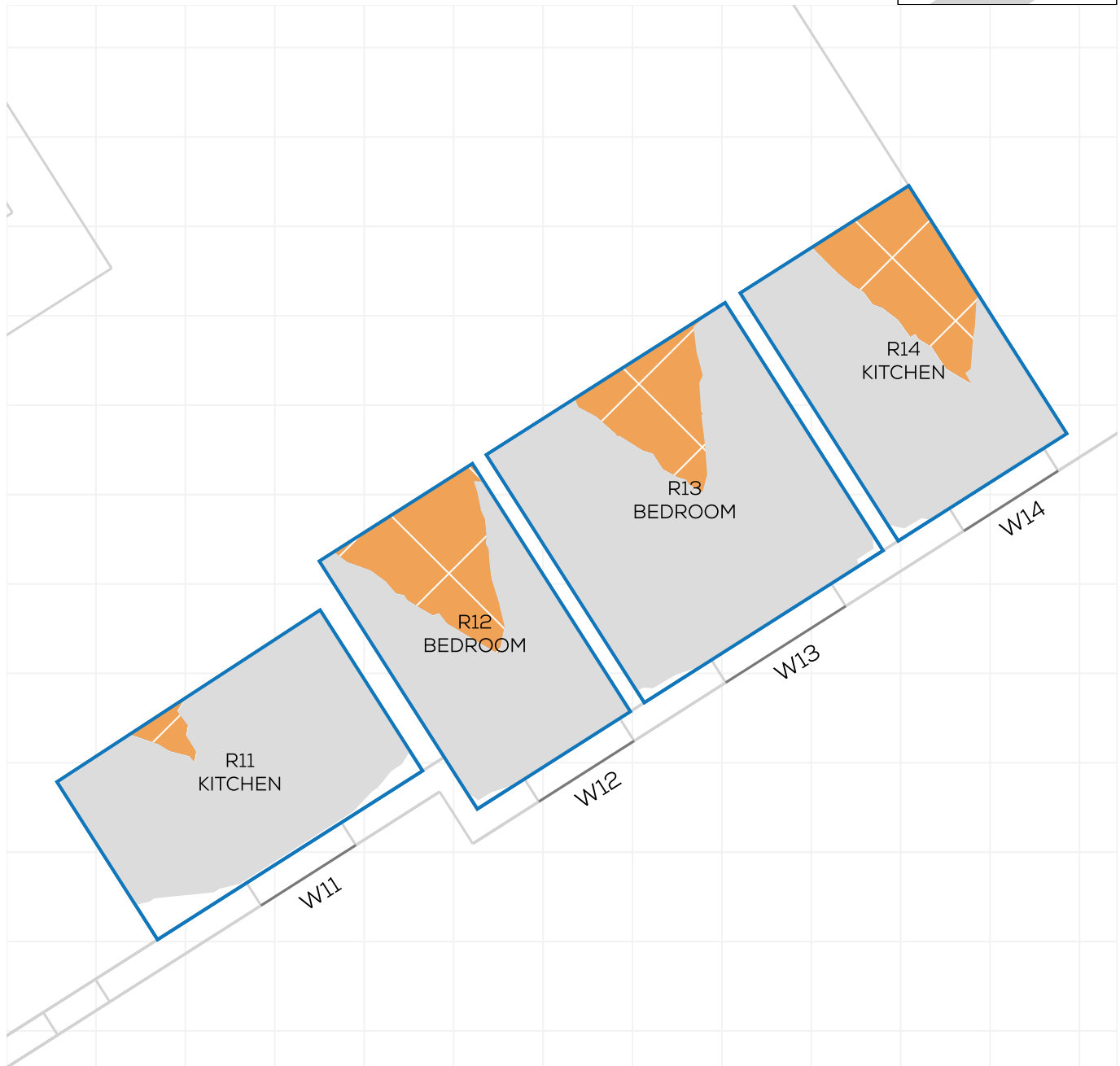
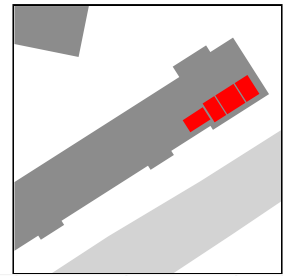
F03

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
WHARF CLOSE								
F03	R2	RESIDENTIAL	BEDROOM	7.0	96.4	96.4	0.0	0
F03	R4	RESIDENTIAL	KITCHEN	7.5	95	90	0.4	5.2
F03	R5	RESIDENTIAL	KITCHEN	7.5	96	91.4	0.3	4.8
F03	R7	RESIDENTIAL	BEDROOM	7.0	98.3	92.1	0.4	6.3
F03	R9	RESIDENTIAL	BEDROOM	6.8	98.6	92.5	0.4	6.2

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. CONSENTED
 ADDRESS: WHARF CLOSE
 DATE: 11/01/2022
 SCHEME IR: IR05
 DRAWING No.: 1447-REL03-IS04-DD8

KEY:

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



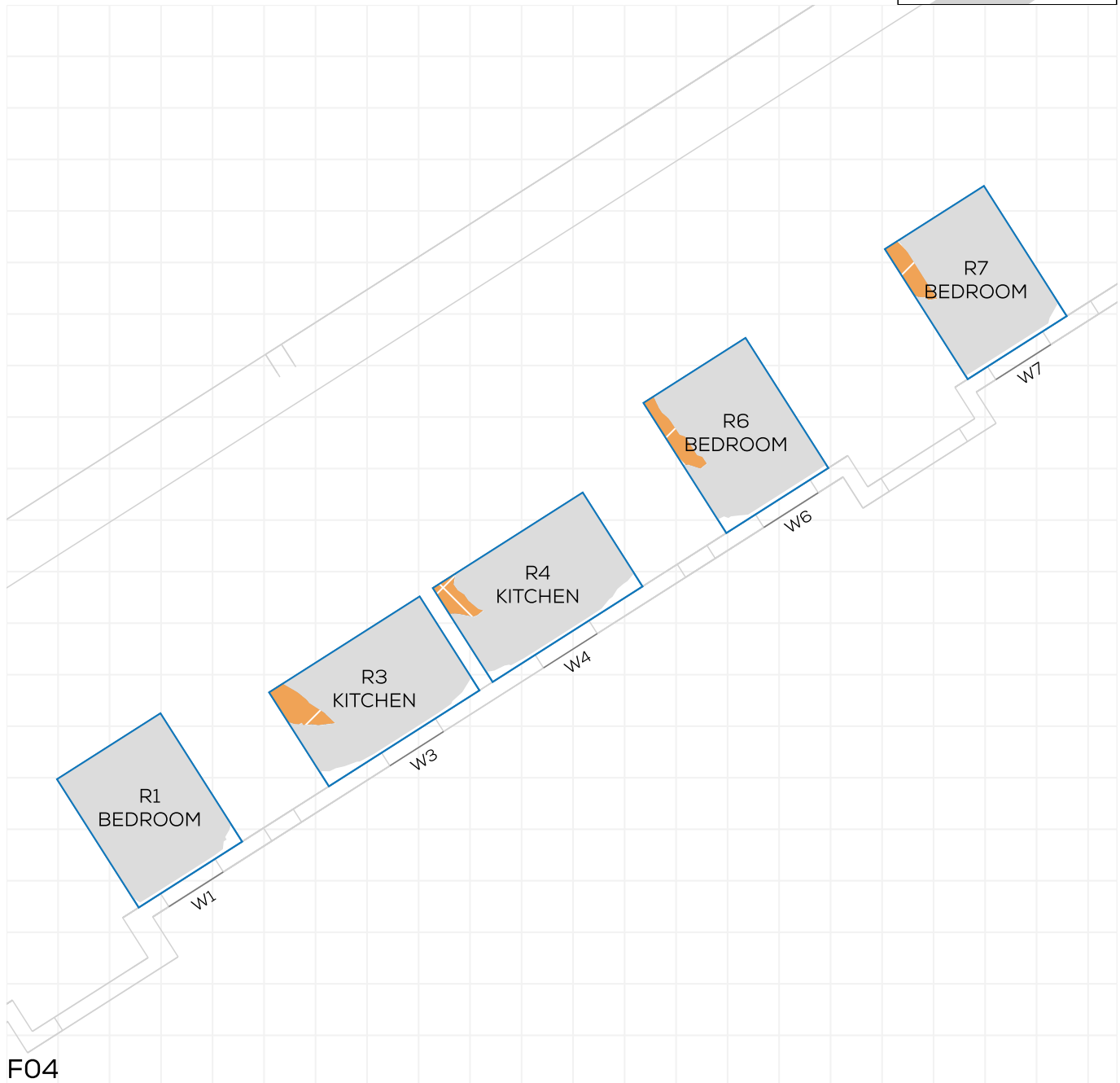
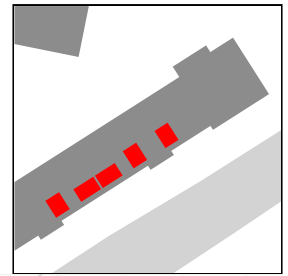
F03

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
WHARF CLOSE								
F03	R11	RESIDENTIAL	KITCHEN	7.4	94	91.1	0.2	3.1
F03	R12	RESIDENTIAL	BEDROOM	6.7	99.5	70.8	1.9	28.8
F03	R13	RESIDENTIAL	BEDROOM	10.4	99.2	85.4	1.4	13.8
F03	R14	RESIDENTIAL	KITCHEN	7.3	99.4	73.6	1.9	26

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. CONSENTED
 ADDRESS: WHARF CLOSE
 DATE: 11/01/2022
 SCHEME IR: IR05
 DRAWING No.: 1447-REL03-IS04-DD9

KEY:

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



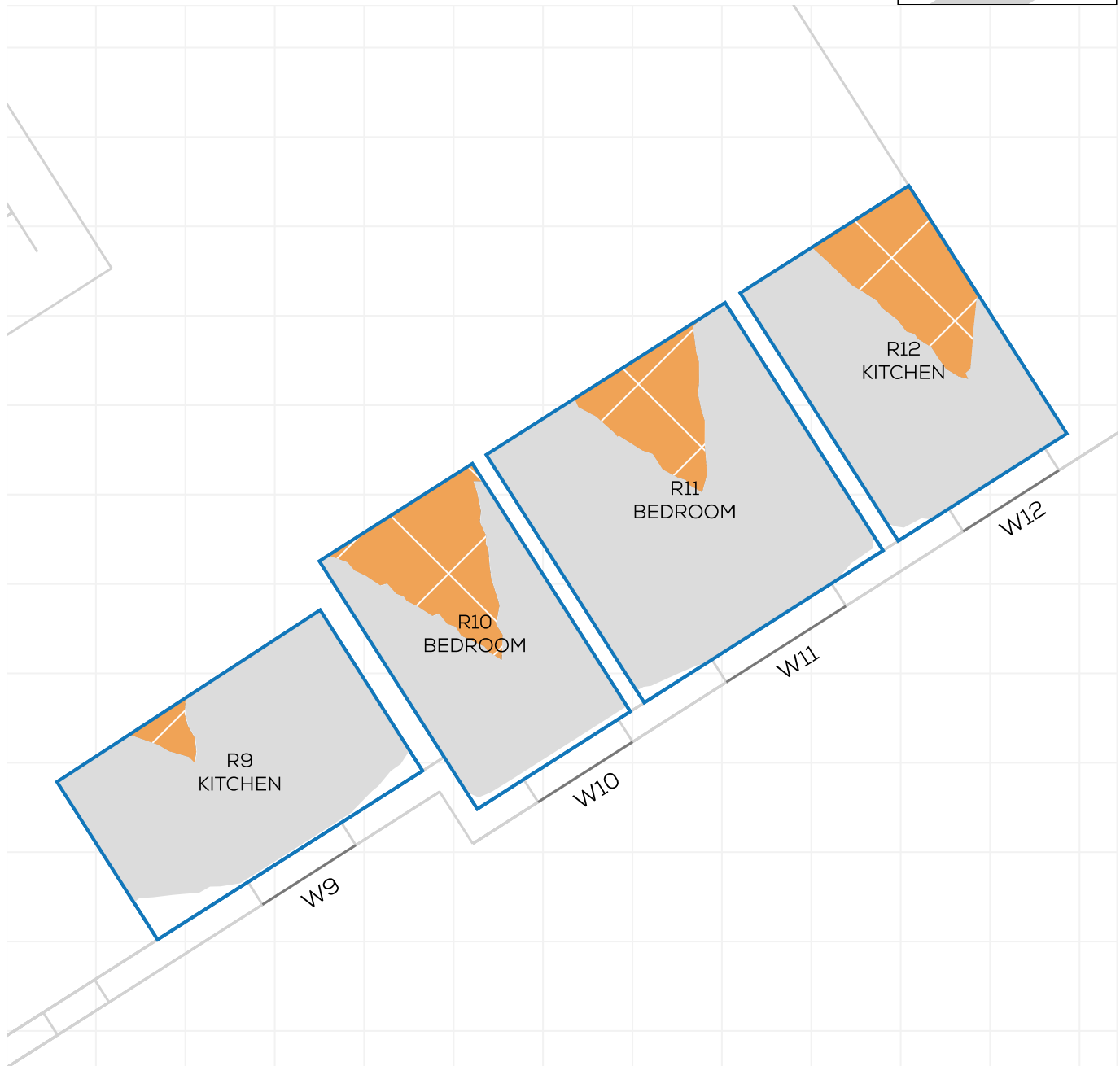
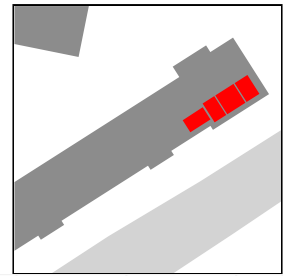
F04

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
WHARF CLOSE								
F04	R1	RESIDENTIAL	BEDROOM	7.0	96.7	96.7	0.0	0
F04	R3	RESIDENTIAL	KITCHEN	7.5	94.8	88	0.5	7.2
F04	R4	RESIDENTIAL	KITCHEN	7.5	94.9	90.1	0.4	5
F04	R6	RESIDENTIAL	BEDROOM	7.0	96.5	90.1	0.4	6.6
F04	R7	RESIDENTIAL	BEDROOM	6.8	96.8	90.6	0.4	6.4

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. CONSENTED
 ADDRESS: WHARF CLOSE
 DATE: 11/01/2022
 SCHEME IR: IR05
 DRAWING No.: 1447-REL03-IS04-DD10

KEY:

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



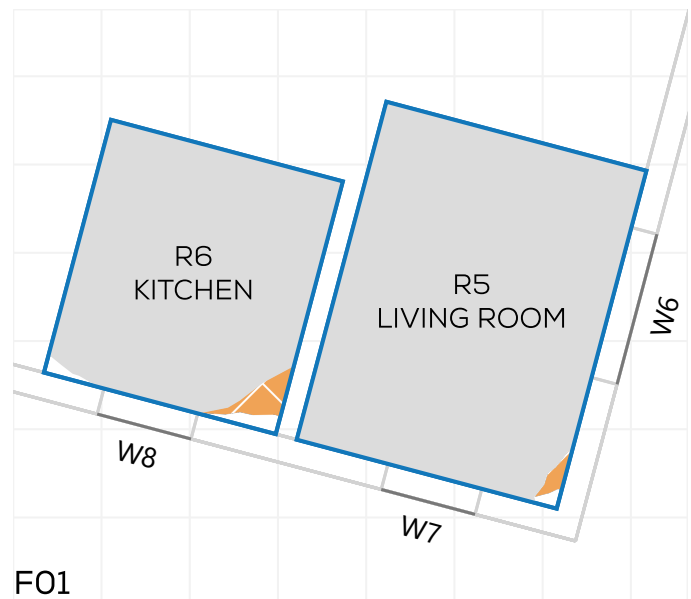
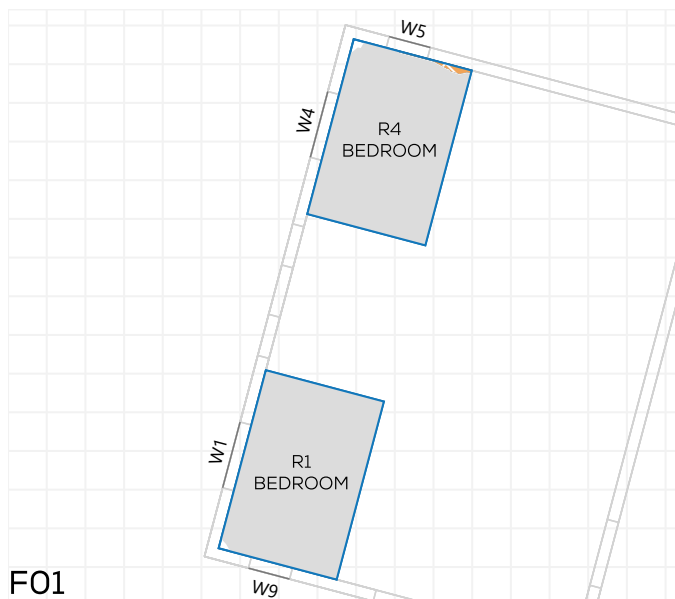
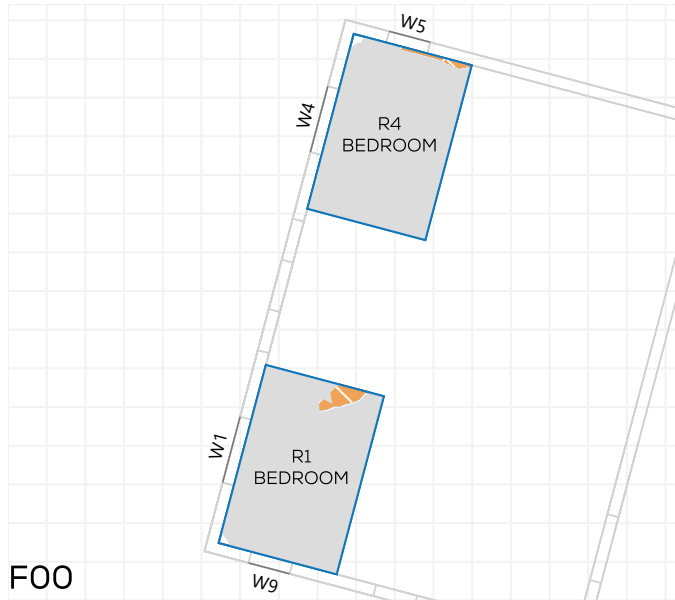
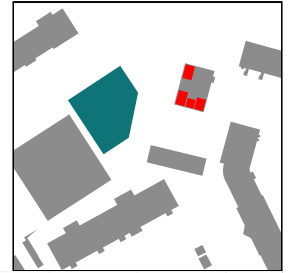
F04

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
WHARF CLOSE								
F04	R9	RESIDENTIAL	KITCHEN	7.4	93.5	90.2	0.2	3.5
F04	R10	RESIDENTIAL	BEDROOM	6.7	97.7	68.5	1.9	29.9
F04	R11	RESIDENTIAL	BEDROOM	10.4	98.9	85.2	1.4	13.9
F04	R12	RESIDENTIAL	KITCHEN	7.3	99.4	73.8	1.9	25.8

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 19-26 THOMAS TELFORD BASIN
 DATE: 16/04/2021
 SCHEME IR: IR10
 DRAWING No.: 1447-REL02-IS05-DD6

KEY:

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

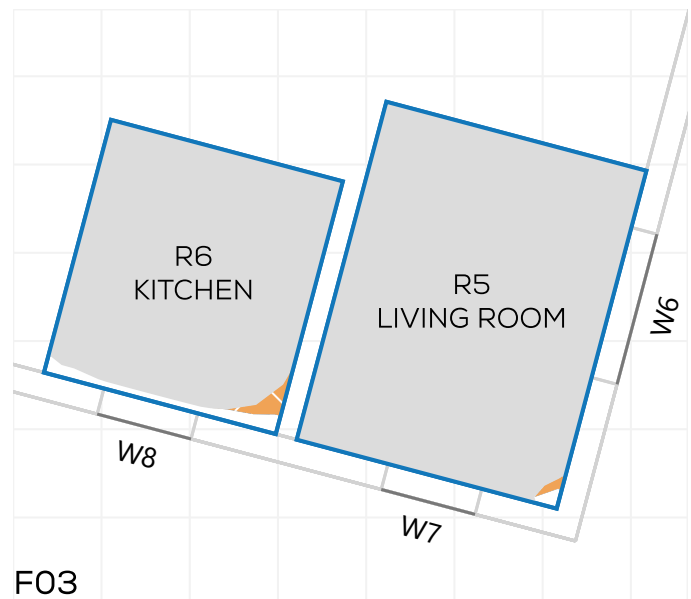
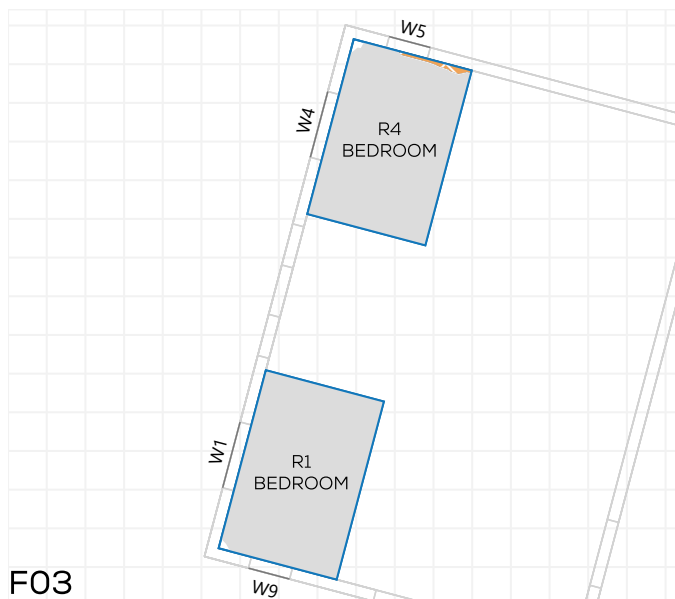
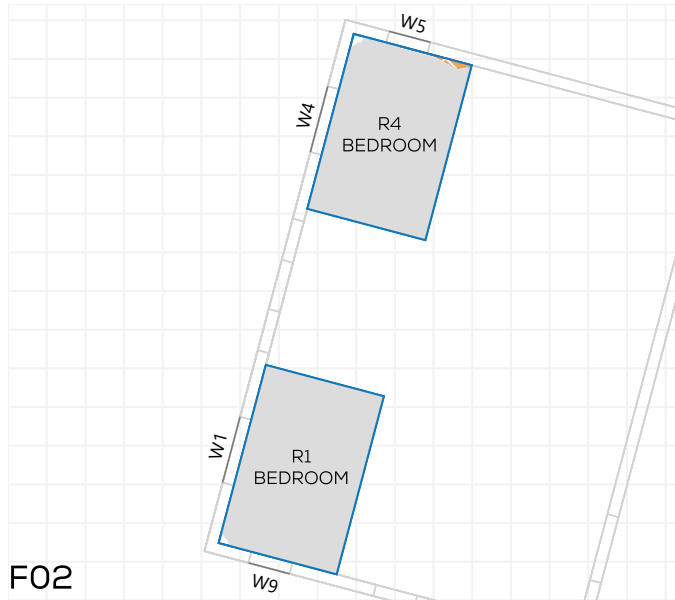
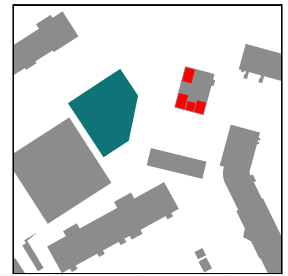


FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
19-26 THOMAS TELFORD BASIN								
F00	R1	RESIDENTIAL	BEDROOM	15.0	99.7	96.7	0.5	3
F00	R4	RESIDENTIAL	BEDROOM	14.8	99.6	98.1	0.2	1.5
F00	R5	RESIDENTIAL	LIVING ROOM	12.1	99.7	99	0.1	0.6
F00	R6	RESIDENTIAL	KITCHEN	8.1	96.8	94.1	0.2	2.8
F01	R1	RESIDENTIAL	BEDROOM	15.0	99.7	99.7	0.0	0
F01	R4	RESIDENTIAL	BEDROOM	14.8	99.6	98.4	0.2	1.2
F01	R5	RESIDENTIAL	LIVING ROOM	12.1	99.7	99	0.1	0.7
F01	R6	RESIDENTIAL	KITCHEN	8.1	98	95.3	0.2	2.7

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 19-26 THOMAS TELFORD BASIN
 DATE: 16/04/2021
 SCHEME IR: IR10
 DRAWING No.: 1447-REL02-IS05-DD7

KEY:

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



FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
19-26 THOMAS TELFORD BASIN								
F02	R1	RESIDENTIAL	BEDROOM	15.0	99.7	99.7	0.0	0
F02	R4	RESIDENTIAL	BEDROOM	14.8	99.6	98.4	0.2	1.2
F02	R5	RESIDENTIAL	LIVING ROOM	12.1	99.7	99	0.1	0.6
F02	R6	RESIDENTIAL	KITCHEN	8.1	98	95.5	0.2	2.5
F03	R1	RESIDENTIAL	BEDROOM	15.0	99.7	99.7	0.0	0
F03	R4	RESIDENTIAL	BEDROOM	14.8	99.6	98	0.2	1.6
F03	R5	RESIDENTIAL	LIVING ROOM	12.1	99.7	99.4	0.0	0.2
F03	R6	RESIDENTIAL	KITCHEN	8.1	96.2	94.9	0.1	1.3

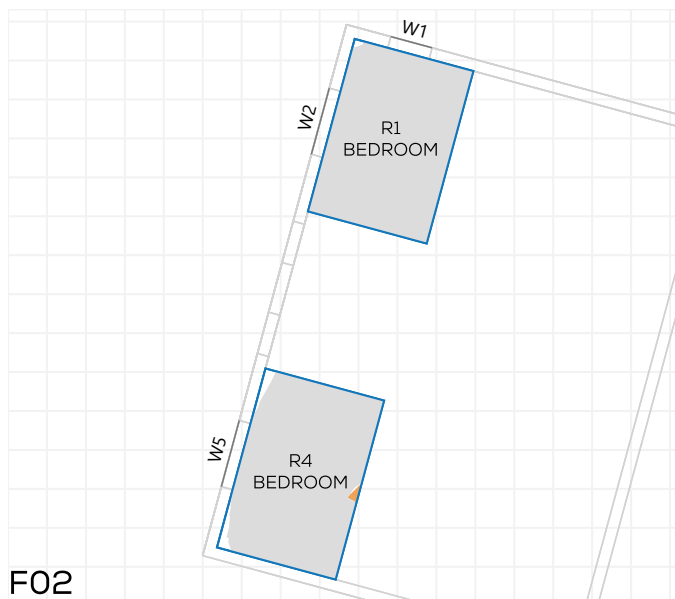
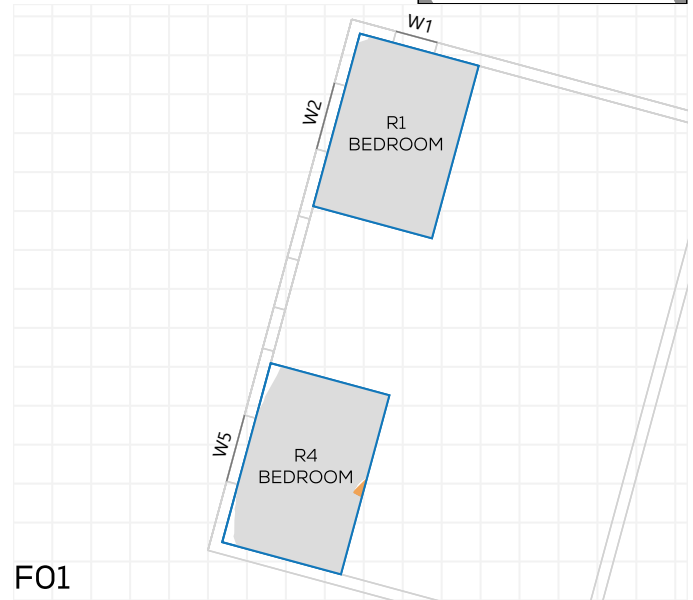
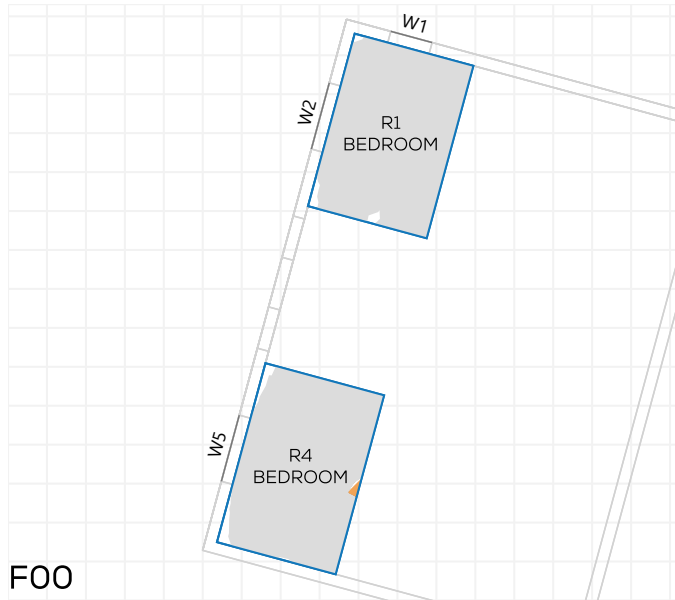
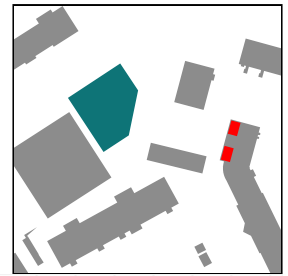
NSL CONTOURS



PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 27-34 THOMAS TELFORD BASIN
 DATE: 16/04/2021
 SCHEME IR: IR10
 DRAWING No.: 1447-REL02-IS05-DD8

KEY:

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



FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
27-34 THOMAS TELFORD BASIN								
F00	R1	RESIDENTIAL	BEDROOM	14.5	98.4	98.4	0.0	0
F00	R4	RESIDENTIAL	BEDROOM	15.0	97.3	96.7	0.1	0.6
F01	R1	RESIDENTIAL	BEDROOM	14.5	99.7	99.7	0.0	0
F01	R4	RESIDENTIAL	BEDROOM	15.0	97.3	96.7	0.1	0.6
F02	R1	RESIDENTIAL	BEDROOM	14.5	99.7	99.7	0.0	0
F02	R4	RESIDENTIAL	BEDROOM	15.0	97.4	96.8	0.1	0.6
F03	R1	RESIDENTIAL	BEDROOM	14.5	99.7	99.7	0.0	0
F03	R4	RESIDENTIAL	BEDROOM	15.0	97.4	96.9	0.1	0.6

NSL CONTOURS



PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 35-40 THOMAS TELFORD BASIN
 DATE: 16/04/2021
 SCHEME IR: IR10
 DRAWING No.: 1447-REL02-IS05-DD9

KEY:
 GAIN
 LOSS
 MAINTAINED LIT AREA
 1 METRE GRID



F00

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
35-40 THOMAS TELFORD BASIN								
F00	R1	RESIDENTIAL	KITCHEN	7.5	94.5	94.5	0.0	0
F00	R2	RESIDENTIAL	LKD	19.5	97.5	97.3	0.0	0.1
F00	R3	RESIDENTIAL	LKD	19.5	97.5	97.3	0.0	0.2
F00	R4	RESIDENTIAL	KITCHEN	7.5	94.4	94.4	0.0	0
F00	R6	RESIDENTIAL	LKD	19.8	98.5	93.8	0.9	4.8
F00	R7	RESIDENTIAL	BEDROOM	10.8	97.3	74.8	2.4	23.1
F00	R8	RESIDENTIAL	BEDROOM	14.4	98.2	72.9	3.6	25.8

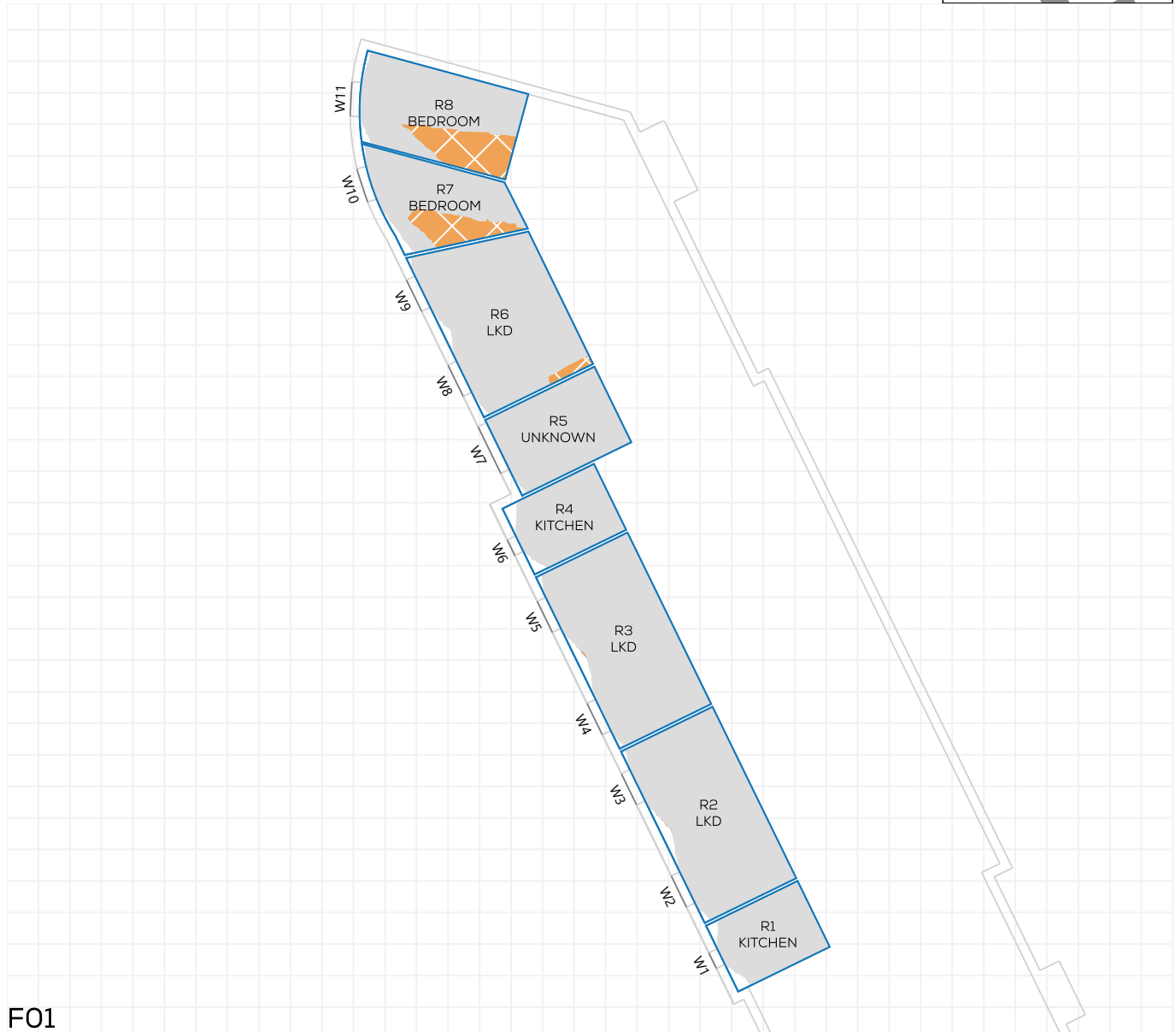
NSL CONTOURS



PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 35-40 THOMAS TELFORD BASIN
 DATE: 16/04/2021
 SCHEME IR: IR10
 DRAWING No.: 1447-REL02-IS05-DD10

KEY:

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



F01

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
35-40 THOMAS TELFORD BASIN								
F01	R1	RESIDENTIAL	KITCHEN	7.5	94.6	94.6	0.0	0
F01	R2	RESIDENTIAL	LKD	19.5	97.5	97.4	0.0	0.1
F01	R3	RESIDENTIAL	LKD	19.5	97.5	97.5	0.0	0.1
F01	R4	RESIDENTIAL	KITCHEN	7.5	94.4	94.4	0.0	0
F01	R5	RESIDENTIAL	UNKNOWN	10.3	99.5	99.5	0.0	0
F01	R6	RESIDENTIAL	LKD	19.8	98.5	96.3	0.4	2.2
F01	R7	RESIDENTIAL	BEDROOM	10.8	97.4	75.8	2.3	22.2
F01	R8	RESIDENTIAL	BEDROOM	14.4	98.7	74.7	3.5	24.3

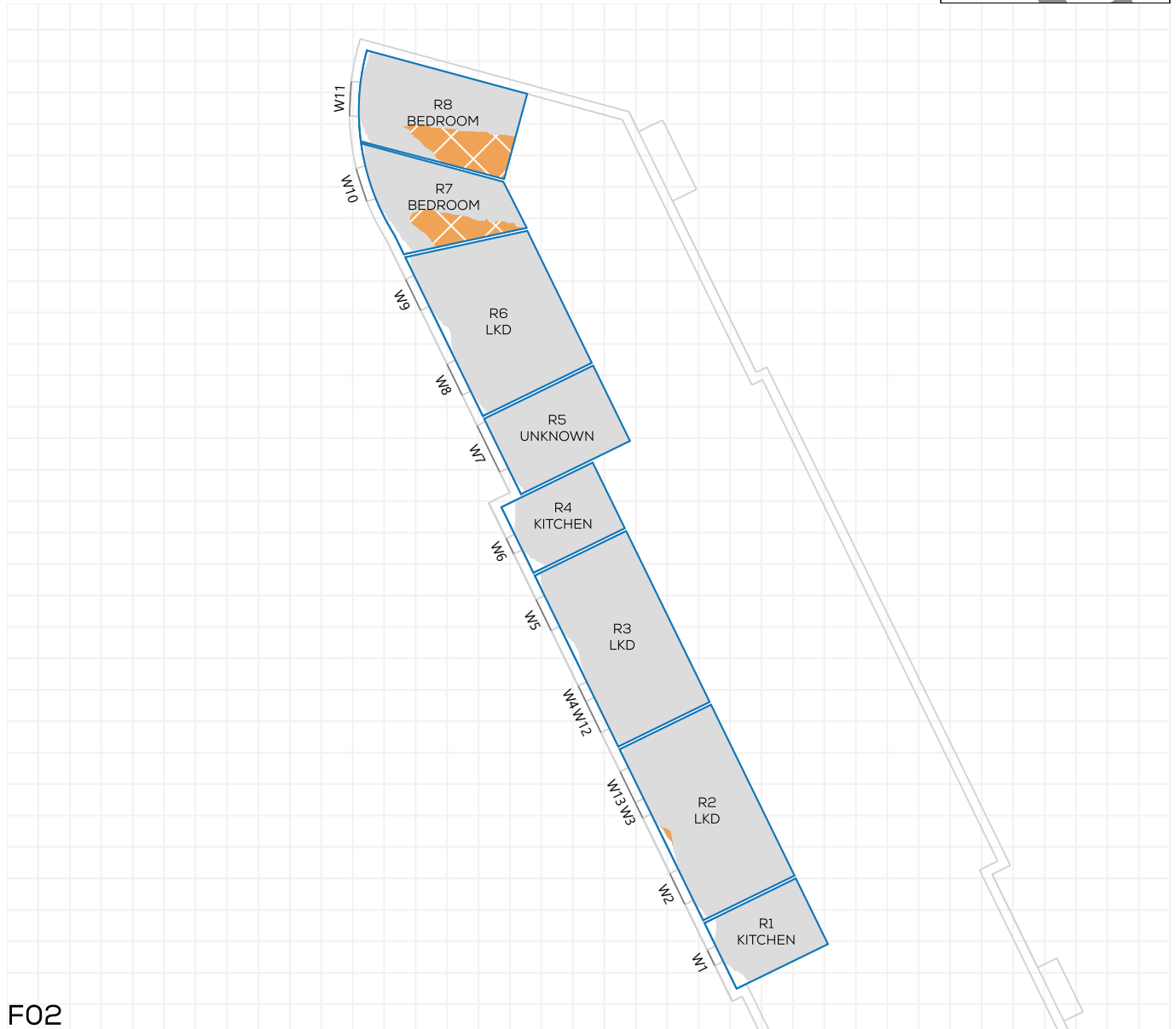
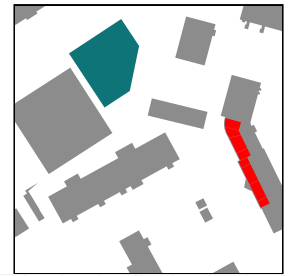
NSL CONTOURS



PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 35-40 THOMAS TELFORD BASIN
 DATE: 16/04/2021
 SCHEME IR: IR10
 DRAWING No.: 1447-REL02-IS05-DD11

KEY:

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



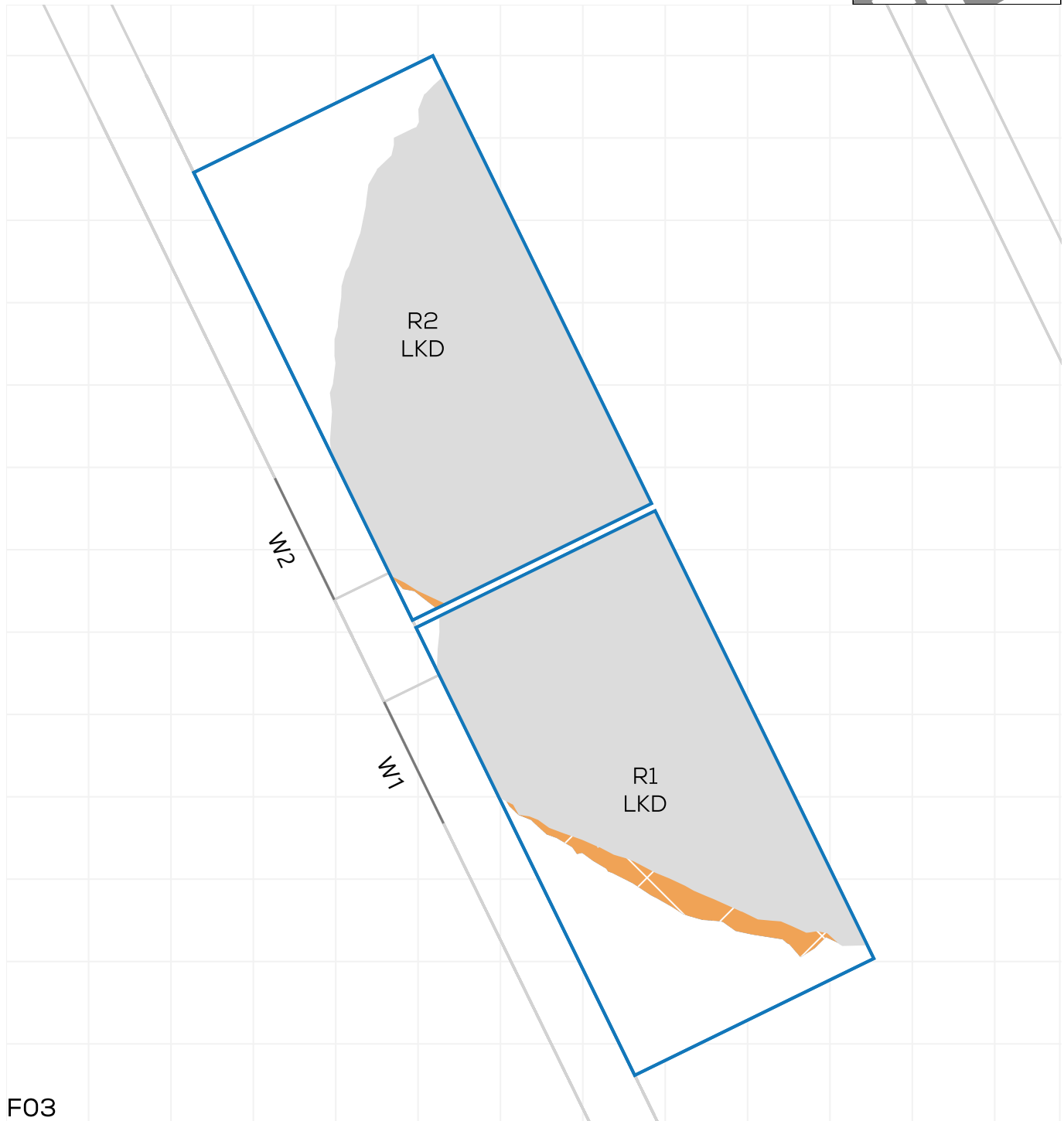
F02

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
35-40 THOMAS TELFORD BASIN								
F02	R1	RESIDENTIAL	KITCHEN	7.5	94.7	94.7	0.0	0
F02	R2	RESIDENTIAL	LKD	19.5	98.7	98.3	0.1	0.4
F02	R3	RESIDENTIAL	LKD	19.5	98.7	98.7	0.0	0
F02	R4	RESIDENTIAL	KITCHEN	7.5	94.4	94.4	0.0	0
F02	R5	RESIDENTIAL	UNKNOWN	10.3	99.5	99.5	0.0	0
F02	R6	RESIDENTIAL	LKD	19.8	98.5	98.5	0.0	0
F02	R7	RESIDENTIAL	BEDROOM	10.8	97.4	76.4	2.3	21.6
F02	R8	RESIDENTIAL	BEDROOM	14.4	98.7	74.9	3.4	24.1

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 35-40 THOMAS TELFORD BASIN
 DATE: 16/04/2021
 SCHEME IR: IR10
 DRAWING No.: 1447-REL02-IS05-DD12

KEY:

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



F03

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
35-40 THOMAS TELFORD BASIN								
F03	R1	RESIDENTIAL	LKD	19.5	74.4	70	0.9	5.9
F03	R2	RESIDENTIAL	LKD	19.5	73.3	73.1	0.0	0.3

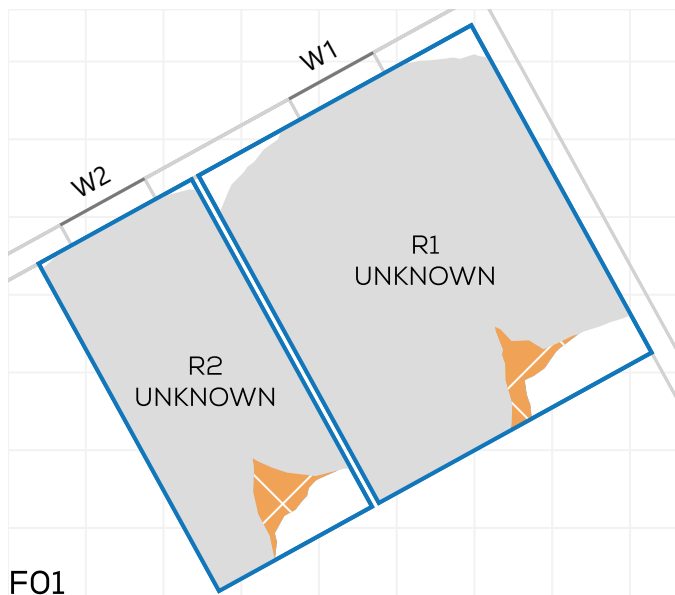
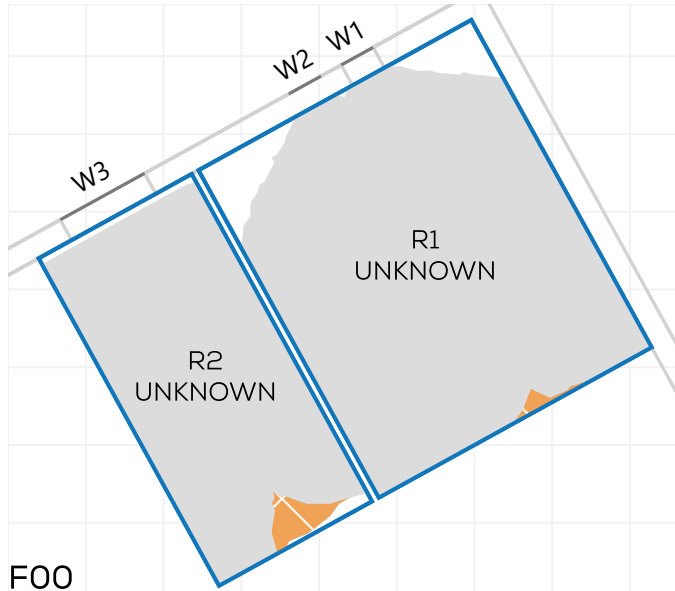
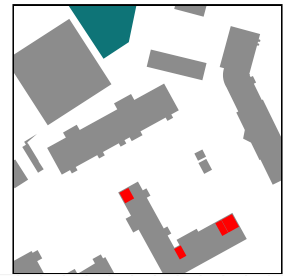
NSL CONTOURS



PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 37 CHAPELTOWN STREET BLOCK A
 DATE: 16/04/2021
 SCHEME IR: IR10
 DRAWING No.: 1447-REL02-IS05-DD13

KEY:

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



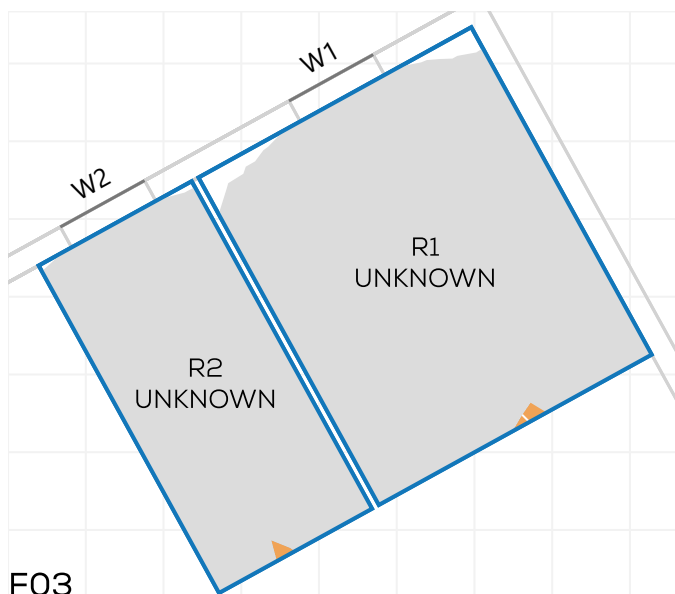
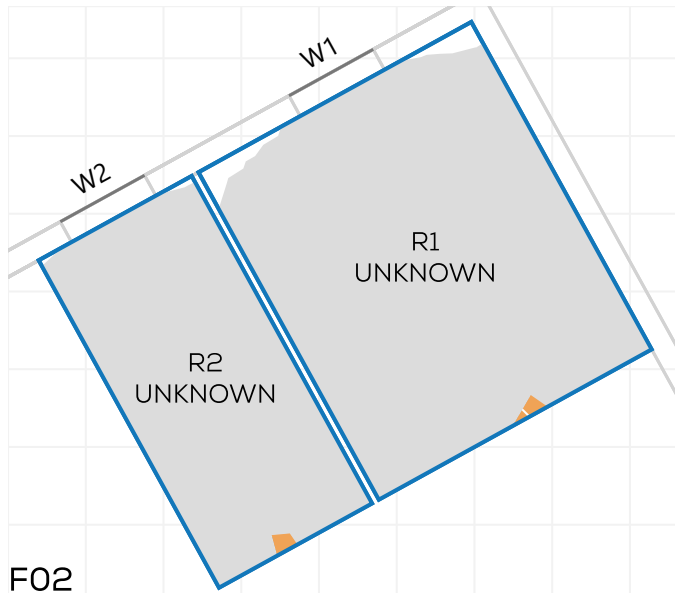
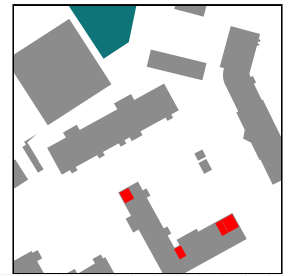
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
37 CHAPELTOWN STREET BLOCK A								
F00	R1	RESIDENTIAL	UNKNOWN	19.3	93.4	92.9	0.1	0.6
F00	R2	RESIDENTIAL	UNKNOWN	10.8	97.1	93.9	0.4	3.4
F00	R3	RESIDENTIAL	UNKNOWN	9.9	70.8	70.5	0.0	0.5
F00	R4	RESIDENTIAL	UNKNOWN	13.6	93	93	0.0	0
F01	R1	RESIDENTIAL	UNKNOWN	19.3	92.3	90.1	0.4	2.5
F01	R2	RESIDENTIAL	UNKNOWN	10.8	93.2	88.9	0.5	4.6
F01	R3	RESIDENTIAL	UNKNOWN	9.9	72.4	70.5	0.2	2.6
F01	R4	RESIDENTIAL	UNKNOWN	13.6	96.9	96.9	0.0	0

NSL CONTOURS

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 37 CHAPELTOWN STREET BLOCK A
 DATE: 16/04/2021
 SCHEME IR: IR10
 DRAWING No.: 1447-REL02-IS05-DD14

KEY:

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

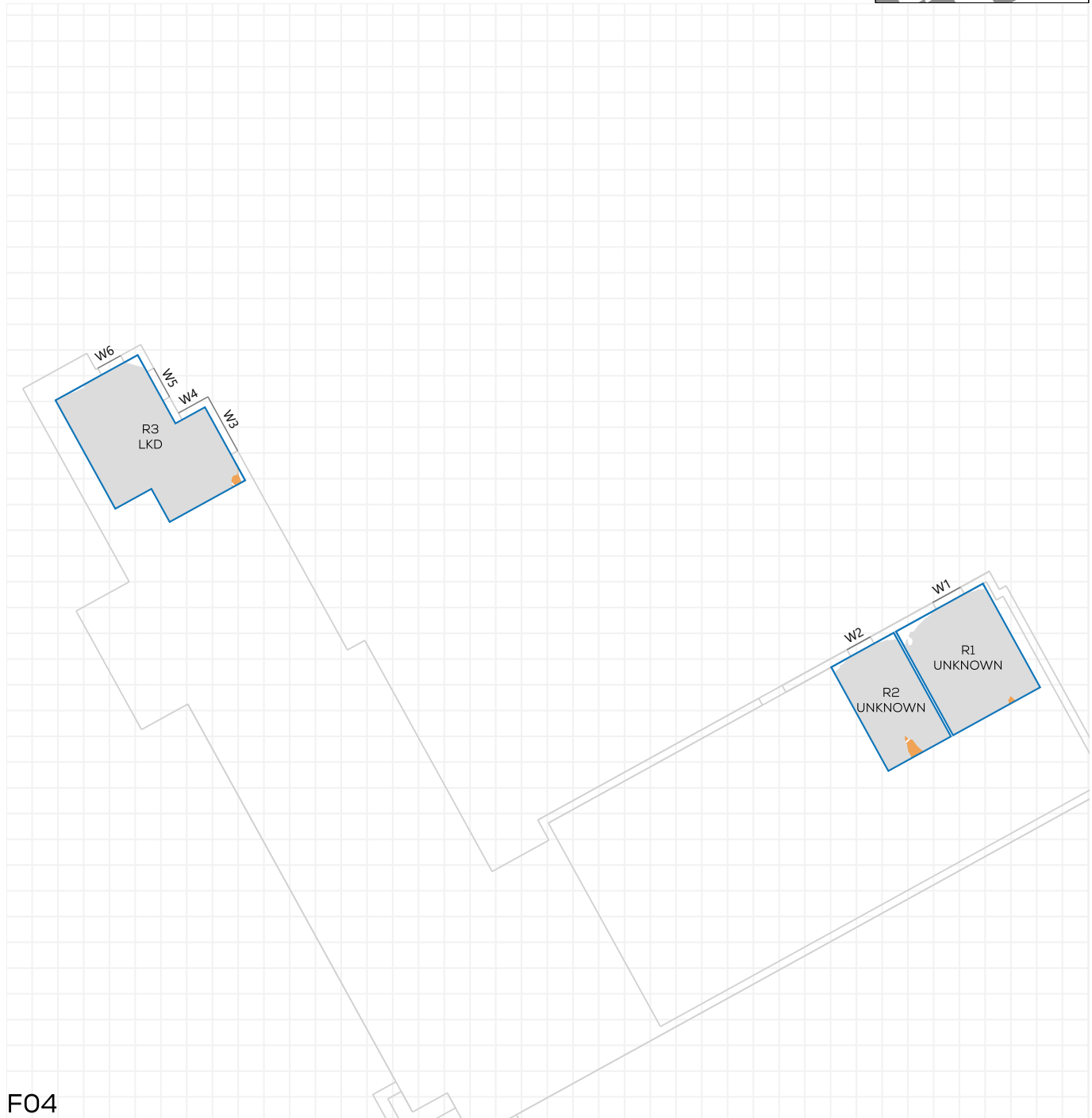
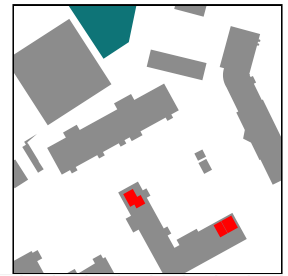


FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
37 CHAPELTOWN STREET BLOCK A								
F02	R1	RESIDENTIAL	UNKNOWN	19.3	97.7	97.4	0.1	0.3
F02	R2	RESIDENTIAL	UNKNOWN	10.8	99.6	99.1	0.1	0.5
F02	R3	RESIDENTIAL	UNKNOWN	9.9	77	77	0.0	0
F02	R4	RESIDENTIAL	UNKNOWN	13.6	97.9	97.3	0.1	0.6
F03	R1	RESIDENTIAL	UNKNOWN	19.3	97.7	97.4	0.1	0.3
F03	R2	RESIDENTIAL	UNKNOWN	10.8	99.5	99.1	0.0	0.4
F03	R3	RESIDENTIAL	UNKNOWN	9.9	80.9	80.9	0.0	0
F03	R4	RESIDENTIAL	UNKNOWN	13.6	99.1	98.4	0.1	0.7

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 37 CHAPELTOWN STREET BLOCK A
 DATE: 16/04/2021
 SCHEME IR: IR10
 DRAWING No.: 1447-REL02-IS05-DD15

KEY:

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



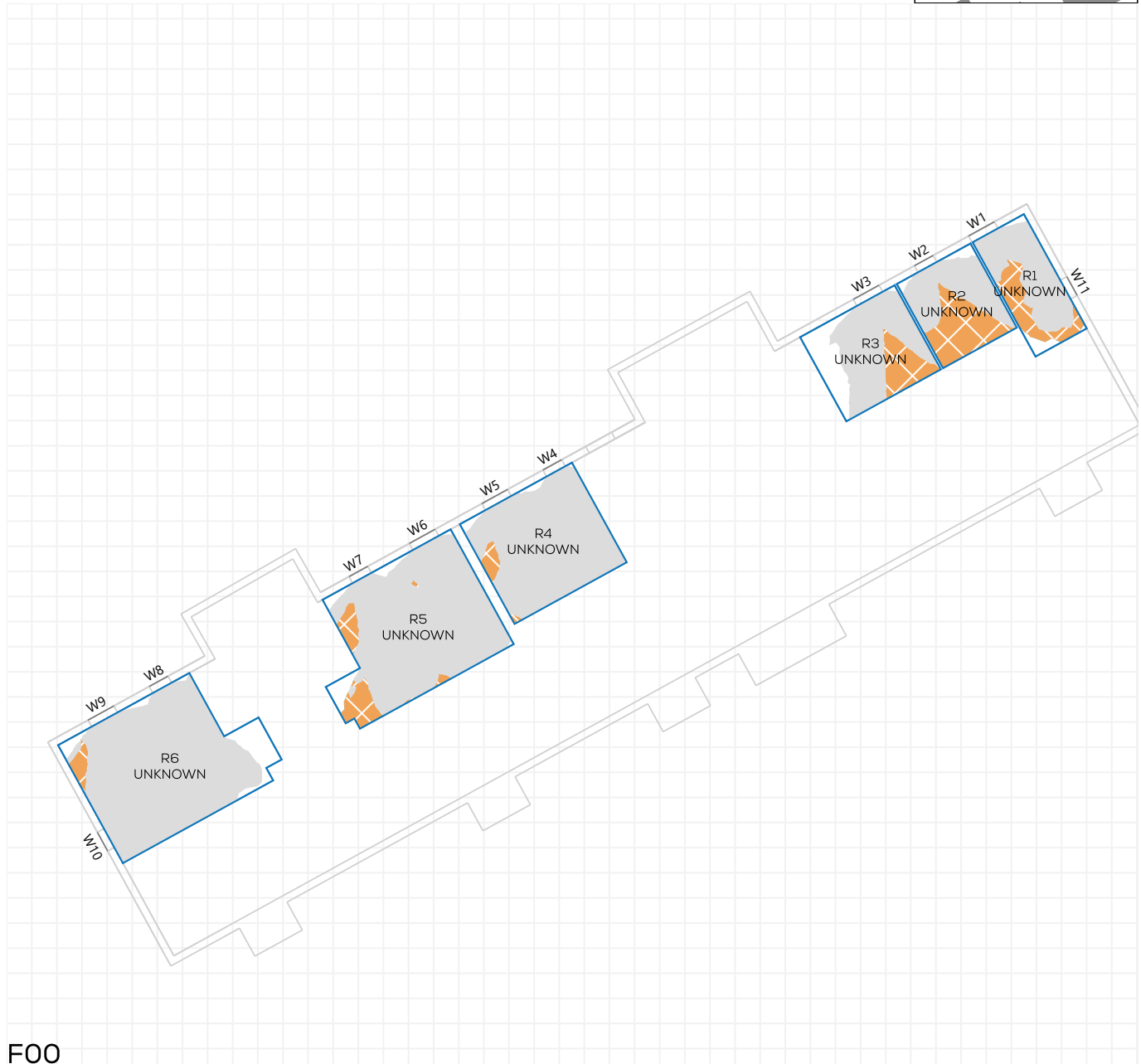
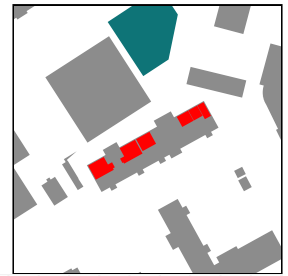
F04

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
37 CHAPELTOWN STREET BLOCK A								
F04	R1	RESIDENTIAL	UNKNOWN	17.7	96.9	96.6	0.1	0.3
F04	R2	RESIDENTIAL	UNKNOWN	12.7	98.4	96.1	0.3	2.3
F04	R3	RESIDENTIAL	LKD	24.7	98.8	98.2	0.1	0.6

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 37 CHAPELTOWN STREET BLOCK B
 DATE: 16/04/2021
 SCHEME IR: IR10
 DRAWING No.: 1447-REL02-IS05-DD16

KEY:

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



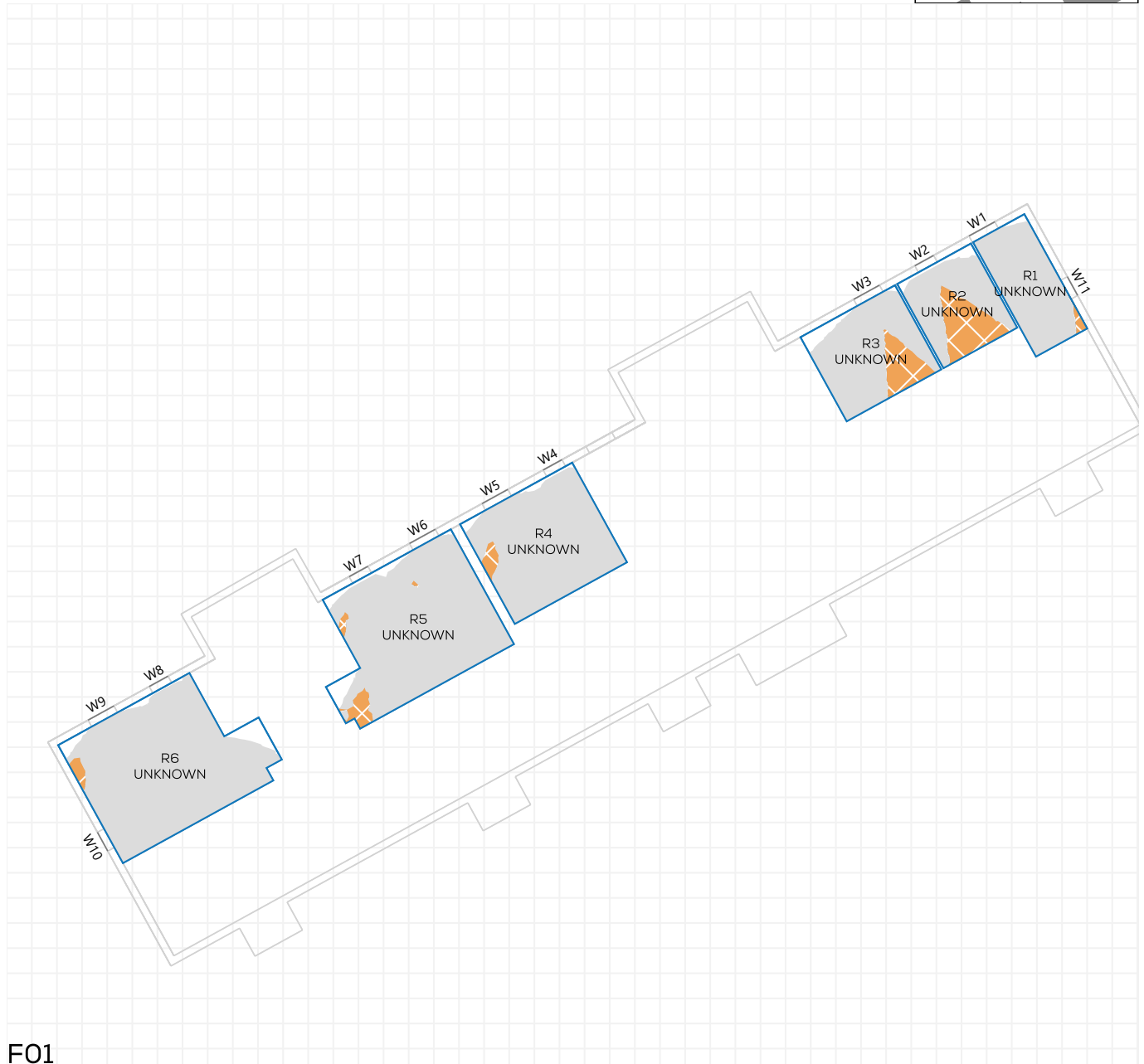
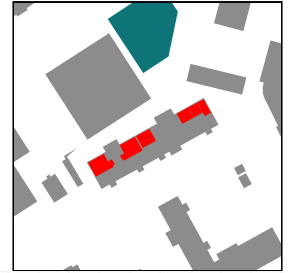
F00

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
37 CHAPELTOWN STREET BLOCK B								
F00	R1	RESIDENTIAL	UNKNOWN	12.1	93.8	66.7	3.3	28.9
F00	R2	RESIDENTIAL	UNKNOWN	12.8	95.6	53.2	5.4	44.4
F00	R3	RESIDENTIAL	UNKNOWN	16.4	78.4	60	3.0	23.5
F00	R4	RESIDENTIAL	UNKNOWN	23.0	97.9	94.3	0.8	3.7
F00	R5	RESIDENTIAL	UNKNOWN	33.4	95	85.8	3.1	9.7
F00	R6	RESIDENTIAL	UNKNOWN	35.4	90.9	88.6	0.8	2.5

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 37 CHAPELTOWN STREET BLOCK B
 DATE: 16/04/2021
 SCHEME IR: IR10
 DRAWING No.: 1447-REL02-IS05-DD17

KEY:

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



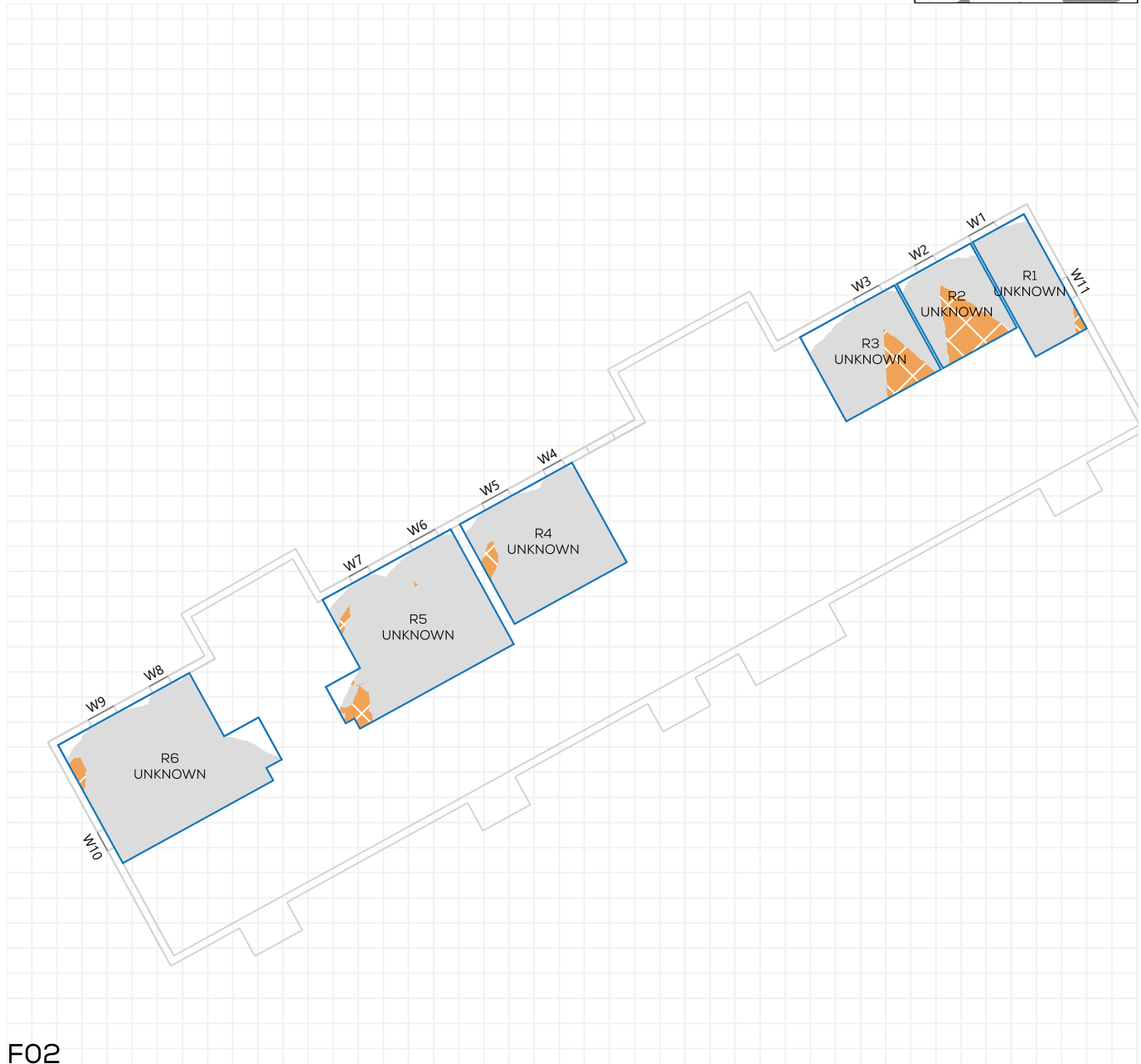
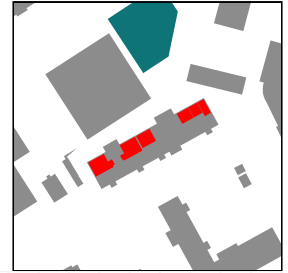
F01

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
37 CHAPELTOWN STREET BLOCK B								
F01	R1	RESIDENTIAL	UNKNOWN	12.1	98.6	95.6	0.4	3
F01	R2	RESIDENTIAL	UNKNOWN	12.8	94.5	60.6	4.3	35.8
F01	R3	RESIDENTIAL	UNKNOWN	16.4	94.3	77.2	2.8	18.1
F01	R4	RESIDENTIAL	UNKNOWN	23.0	97.5	94.8	0.6	2.8
F01	R5	RESIDENTIAL	UNKNOWN	33.4	95.1	91.3	1.3	4
F01	R6	RESIDENTIAL	UNKNOWN	35.4	94.8	93.4	0.5	1.4

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 37 CHAPELTOWN STREET BLOCK B
 DATE: 16/04/2021
 SCHEME IR: IR10
 DRAWING No.: 1447-REL02-IS05-DD18

KEY:

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



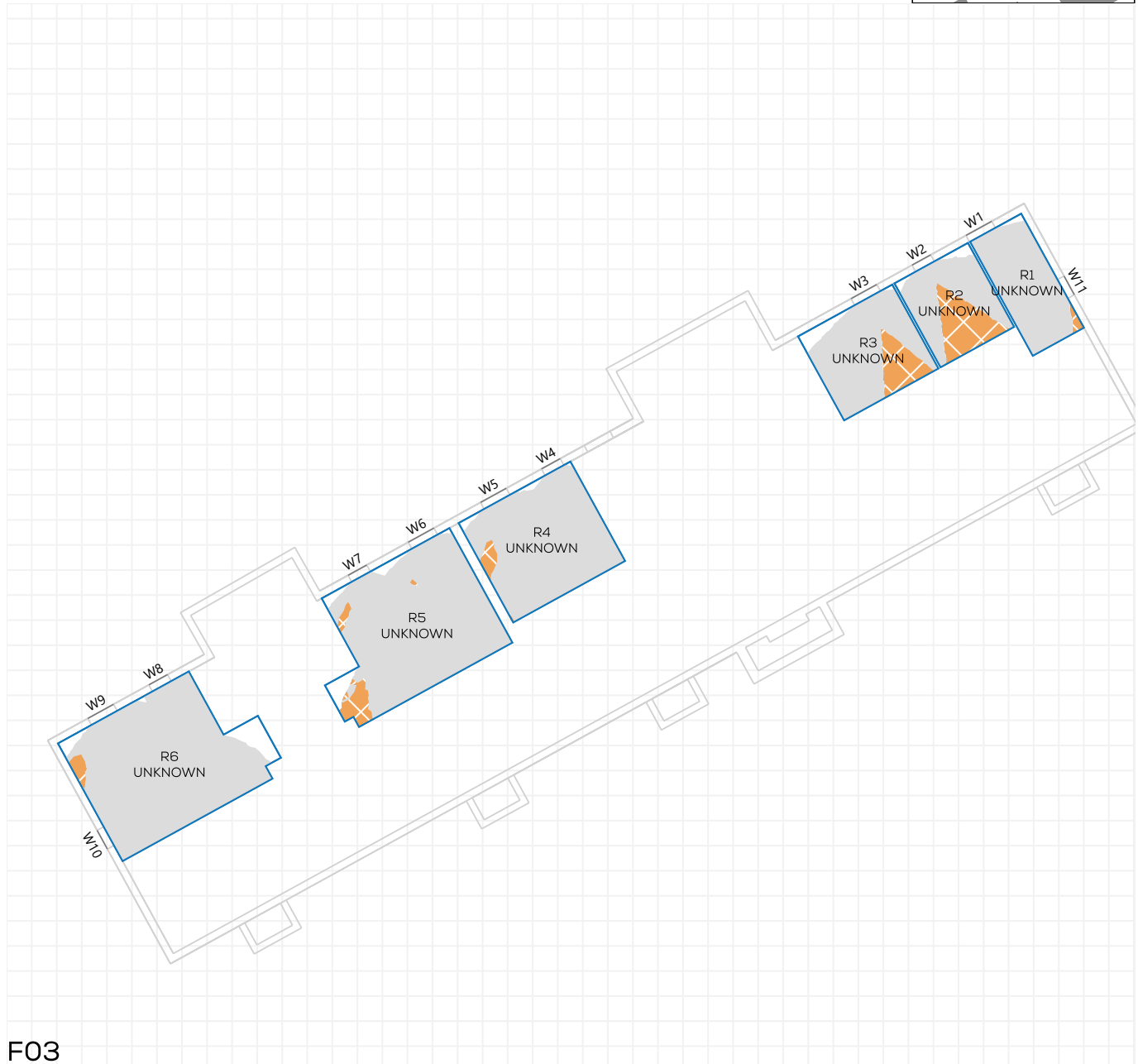
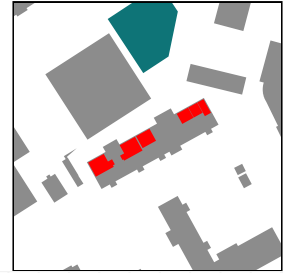
F02

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
37 CHAPELTOWN STREET BLOCK B								
F02	R1	RESIDENTIAL	UNKNOWN	12.1	98.6	96	0.3	2.6
F02	R2	RESIDENTIAL	UNKNOWN	12.8	95.3	61.1	4.4	35.8
F02	R3	RESIDENTIAL	UNKNOWN	16.4	94.3	77	2.8	18.4
F02	R4	RESIDENTIAL	UNKNOWN	23.0	97.9	95.2	0.6	2.8
F02	R5	RESIDENTIAL	UNKNOWN	33.4	95.2	90.7	1.5	4.8
F02	R6	RESIDENTIAL	UNKNOWN	35.4	94.4	93	0.5	1.6

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 37 CHAPELTOWN STREET BLOCK B
 DATE: 16/04/2021
 SCHEME IR: IR10
 DRAWING No.: 1447-REL02-IS05-DD19

KEY:

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



F03

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
37 CHAPELTOWN STREET BLOCK B								
F03	R1	RESIDENTIAL	UNKNOWN	12.1	98.5	96	0.3	2.5
F03	R2	RESIDENTIAL	UNKNOWN	12.8	95.7	61.2	4.4	36
F03	R3	RESIDENTIAL	UNKNOWN	16.4	94.2	76.7	2.9	18.6
F03	R4	RESIDENTIAL	UNKNOWN	23.0	98.2	95.3	0.7	3
F03	R5	RESIDENTIAL	UNKNOWN	33.4	95.3	89.9	1.8	5.7
F03	R6	RESIDENTIAL	UNKNOWN	35.4	93.8	92.3	0.6	1.7

					VSC (WINDOW)					NSL					APSH (ROOM)						
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	EX	PR	LOSS	LOSS	MEETS	EX	PR	LOSS	LOSS	MEETS	EX		PR		LOSS %		MEETS
					%	%		%	CRITERIA	%	%	SQM	%	CRITERIA	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	CRITERIA
WHARF CLOSE																					
F00	R3	RESIDENTIAL	LKD	W4/F00	30.8	25.4	5.4	17.5%	YES	95.4	90.6	0.7	5.0%	YES	62	18	52	17	16.1%	5.6%	YES
	R4	RESIDENTIAL	KITCHEN (1)	W5/F00	30.9	25.1	5.8	18.8%	YES	95.5	95.5	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R5	RESIDENTIAL	KITCHEN (1)	W6/F00	30.8	24.5	6.3	20.5%	NO	97.2	97.2	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R6	RESIDENTIAL	LKD	W7/F00	30.6	23.9	6.7	21.9%	NO	97.3	96.9	0.0	0.4%	YES	66	19	55	18	16.7%	5.3%	YES
	R10	RESIDENTIAL	LKD	W12/F00	30.1	20.8	9.3	30.9%	NO	96.5	88.2	1.3	8.6%	YES	65	19	48	15	26.2%	21.1%	YES
	R11	RESIDENTIAL	KITCHEN (1)	W13/F00	27.5	17.2	10.3	37.5%	NO	97.6	73.2	1.9	25.0%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R12	RESIDENTIAL	LIVING ROOM	W14/F00	30.3	19	11.3	37.3%	NO	92.7	64.5	4.4	30.4%	NO	68	18	47	12	30.9%	33.3%	YES
	R13	RESIDENTIAL	LKD	W15/F00	30.3	18.3	12	39.6%	NO	97	62.1	4.1	36.0%	NO	65	17	39	8	40.0%	52.9%	YES
F01	R2	RESIDENTIAL	BEDROOM	W2/F01	28.5	23.7	4.8	16.8%	YES	82.6	80	0.3	3.1%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	BEDROOM	W4/F01	32.4	26.4	6	18.5%	YES	96.3	95.8	0.1	0.6%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R5	RESIDENTIAL	BEDROOM	W5/F01	32.2	25.9	6.3	19.6%	YES	97.8	97.8	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R7	RESIDENTIAL	BEDROOM	W7/F01	29.8	22.5	7.3	24.5%	NO	88.6	80.2	0.8	9.5%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R9	RESIDENTIAL	BEDROOM	W9/F01	29.4	21.1	8.3	28.2%	NO	86.9	78.1	0.9	10.2%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R11	RESIDENTIAL	BEDROOM	W11/F01	28.9	18.2	10.7	37.0%	NO	96.1	70.1	2.5	27.0%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R12	RESIDENTIAL	BEDROOM	W12/F01	31.9	20.1	11.8	37.0%	NO	96	85.6	0.9	10.8%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R14	RESIDENTIAL	BEDROOM	W14/F01	31.9	19.5	12.4	38.9%	NO	98.6	64.2	4.5	34.9%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
F02	R1	RESIDENTIAL	BEDROOM	W1/F02	29.5	24.8	4.7	15.9%	YES	94.8	94.8	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	KITCHEN (1)	W3/F02	33.6	27.9	5.7	17.0%	YES	92.7	87.6	0.4	5.5%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	KITCHEN (1)	W4/F02	33.5	27	6.5	19.4%	YES	95.4	90.9	0.3	4.8%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R6	RESIDENTIAL	BEDROOM	W6/F02	31	23.6	7.4	23.9%	NO	98.3	92.2	0.4	6.2%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R7	RESIDENTIAL	BEDROOM	W7/F02	30.6	22.1	8.5	27.8%	NO	98.5	92.4	0.4	6.2%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R9	RESIDENTIAL	KITCHEN (1)	W9/F02	32	21.3	10.7	33.4%	NO	93.9	90.8	0.2	3.3%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R10	RESIDENTIAL	BEDROOM	W10/F02	33.3	21.1	12.2	36.6%	NO	99.5	70	2.0	29.6%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R11	RESIDENTIAL	BEDROOM	W11/F02	33.3	20.6	12.7	38.1%	NO	99.1	85.5	1.4	13.8%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R12	RESIDENTIAL	KITCHEN (1)	W12/F02	33.3	20.5	12.8	38.4%	NO	99.4	73.7	1.9	25.9%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
F03	R2	RESIDENTIAL	BEDROOM	W2/F03	30.1	25.5	4.6	15.3%	YES	96.4	96.4	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	KITCHEN (1)	W4/F03	34.3	28.7	5.6	16.3%	YES	95	90	0.4	5.2%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R5	RESIDENTIAL	KITCHEN (1)	W5/F03	34.3	27.9	6.4	18.7%	YES	96	91.4	0.3	4.8%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R7	RESIDENTIAL	BEDROOM	W7/F03	31.7	24.3	7.4	23.3%	NO	98.3	92.1	0.4	6.3%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R9	RESIDENTIAL	BEDROOM	W9/F03	31.3	22.7	8.6	27.5%	NO	98.6	92.5	0.4	6.2%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		R11	RESIDENTIAL	KITCHEN (1)	W11/F03	32.8	21.9	10.9	33.2%	NO	94	91.1	0.2	3.1%	YES	N/A	N/A	N/A	N/A	N/A	N/A

					VSC (WINDOW)					NSL					APSH (ROOM)						
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	EX.	PR.	LOSS	LOSS	MEETS	EX.	PR.	LOSS	LOSS	MEETS	EX.		PR.		LOSS %		MEETS
					%	%		%	CRITERIA	%	%	SQM	%	CRITERIA	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	CRITERIA
WHARF CLOSE (CONTINUED)																					
F04	R12	RESIDENTIAL	BEDROOM	W12/F03	34.3	21.8	12.5	36.4%	NO	99.5	70.8	1.9	28.8%	NO							
	R13	RESIDENTIAL	BEDROOM	W13/F03	34.2	21.2	13	38.0%	NO	99.2	85.4	1.4	13.8%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R14	RESIDENTIAL	KITCHEN (1)	W14/F03	34.2	21.3	12.9	37.7%	NO	99.4	73.6	1.9	26.0%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R1	RESIDENTIAL	BEDROOM	W1/F04	24.5	20.1	4.4	18.0%	YES	96.7	96.7	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	KITCHEN (1)	W3/F04	26.9	21.4	5.5	20.4%	NO	94.8	88	0.5	7.2%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	KITCHEN (1)	W4/F04	26.9	20.6	6.3	23.4%	NO	94.9	90.1	0.4	5.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R6	RESIDENTIAL	BEDROOM	W6/F04	24.8	17.9	6.9	27.8%	NO	96.5	90.1	0.4	6.6%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R7	RESIDENTIAL	BEDROOM	W7/F04	24.4	15.8	8.6	35.2%	NO	96.8	90.6	0.4	6.4%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R9	RESIDENTIAL	KITCHEN (1)	W9/F04	25.1	14.1	11	43.8%	NO	93.5	90.2	0.2	3.5%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R10	RESIDENTIAL	BEDROOM	W10/F04	26.9	14.4	12.5	46.5%	NO	97.7	68.5	1.9	29.9%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
R11	RESIDENTIAL	BEDROOM	W11/F04	27	14	13	48.1%	NO	98.9	85.2	1.4	13.9%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
R12	RESIDENTIAL	KITCHEN (1)	W12/F04	27.4	14.4	13	47.4%	NO	99.4	73.8	1.9	25.8%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
19-26 THOMAS TELFORD BASIN																					
F00	R1	RESIDENTIAL	BEDROOM	W1/F00	34.8	22.9	11.9	34.2%	NO	99.7	96.7	0.5	3.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM	W9/F00	30.3	25	5.3	17.5%	YES												
	R4	RESIDENTIAL	BEDROOM	W4/F00	34.9	26.9	8	22.9%	NO	99.6	98.1	0.2	1.5%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM	W5/F00	34.8	34.8	0	0.0%	YES												
	R5	RESIDENTIAL	LIVING ROOM	W6/F00	24.4	24.4	0	0.0%	YES	99.7	99	0.1	0.6%	YES	76	16	62	16	18.4%	0.0%	YES
			LIVING ROOM	W7/F00	28.7	25.3	3.4	11.8%	YES												
	R6	RESIDENTIAL	KITCHEN (1)	W8/F00	29.9	25.6	4.3	14.4%	YES	96.8	94.1	0.2	2.8%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
F01	R1	RESIDENTIAL	BEDROOM	W1/F01	35.4	23.6	11.8	33.3%	NO	99.7	99.7	0.0	0.0%	YES							

					VSC (WINDOW)					NSL					APSH (ROOM)							
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	EX	PR.	LOSS	LOSS	MEETS	EX.	PR.	LOSS	LOSS	MEETS	EX.		PR.		LOSS %		MEETS CRITERIA	
					%	%		%	CRITERIA	%	%	SQM	%	CRITERIA	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER		
19-26 THOMAS TELFORD BASIN (CONTINUED)																						
			BEDROOM	W9/F01	32.4	27.2	5.2	16.0%	YES													
	R4	RESIDENTIAL	BEDROOM	W4/F01	35.6	27.8	7.8	21.9%	YES	99.6	98.4	0.2	1.2%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			BEDROOM	W5/F01	35.8	35.8	0	0.0%	YES													
	R5	RESIDENTIAL	LIVING ROOM	W6/F01	27.3	27.3	0	0.0%	YES	99.7	99	0.1	0.7%	YES	82	18	68	18	17.1%	0.0%	YES	
			LIVING ROOM	W7/F01	31	27.7	3.3	10.6%	YES													
	R6	RESIDENTIAL	KITCHEN (1)	W8/F01	32	27.8	4.2	13.1%	YES	98	95.3	0.2	2.7%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
F02	R1	RESIDENTIAL	BEDROOM	W1/F02	36	24.3	11.7	32.5%	NO	99.7	99.7	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			BEDROOM	W9/F02	34.3	29.2	5.1	14.9%	YES													
	R4	RESIDENTIAL	BEDROOM	W4/F02	36.1	28.5	7.6	21.1%	YES	99.6	98.4	0.2	1.2%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			BEDROOM	W5/F02	36.8	36.8	0	0.0%	YES													
	R5	RESIDENTIAL	LIVING ROOM	W6/F02	30.5	30.5	0	0.0%	YES	99.7	99	0.1	0.6%	YES	87	21	74	21	14.9%	0.0%	YES	
			LIVING ROOM	W7/F02	33.4	30.2	3.2	9.6%	YES													
	R6	RESIDENTIAL	KITCHEN (1)	W8/F02	34	30	4	11.8%	YES	98	95.5	0.2	2.5%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
F03	R1	RESIDENTIAL	BEDROOM	W1/F03	36.6	25.1	11.5	31.4%	NO	99.7	99.7	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			BEDROOM	W9/F03	36.3	31.3	5	13.8%	YES													
	R4	RESIDENTIAL	BEDROOM	W4/F03	36.6	29.4	7.2	19.7%	YES	99.6	98	0.2	1.6%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			BEDROOM	W5/F03	37.5	37.5	0	0.0%	YES													
	R5	RESIDENTIAL	LIVING ROOM	W6/F03	33.7	33.7	0	0.0%	YES	99.7	99.4	0.0	0.2%	YES	93	25	80	25	14.0%	0.0%	YES	
			LIVING ROOM	W7/F03	35.8	32.8	3	8.4%	YES													
	R6	RESIDENTIAL	KITCHEN (1)	W8/F03	36.2	32.3	3.9	10.8%	YES	96.2	94.9	0.1	1.3%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
27-34 THOMAS TELFORD BASIN																						
F00	R1	RESIDENTIAL	BEDROOM	W1/F00	27.2	27.2	0	0.0%	YES	98.4	98.4	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			BEDROOM	W2/F00	27	20.2	6.8	25.2%	NO													
	R4	RESIDENTIAL	BEDROOM	W5/F00	29.4	22	7.4	25.2%	NO	97.3	96.7	0.1	0.6%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
F01	R1	RESIDENTIAL	BEDROOM	W1/F01	30.2	30.2	0	0.0%	YES	99.7	99.7	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			BEDROOM	W2/F01	29.5	23	6.5	22.0%	NO													
	R4	RESIDENTIAL	BEDROOM	W5/F01	31.8	24.8	7	22.0%	NO	97.3	96.7	0.1	0.6%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
F02	R1	RESIDENTIAL	BEDROOM	W1/F02	33.2	33.2	0	0.0%	YES	99.7	99.7	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			BEDROOM	W2/F02	32	26	6	18.8%	YES													
	R4	RESIDENTIAL	BEDROOM	W5/F02	33.8	27.2	6.6	19.5%	YES	97.4	96.8	0.1	0.6%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

					VSC (WINDOW)					NSL					APSH (ROOM)							
FLOOR	ROOM	PROPERTY	ROOM	WINDOW	EX	PR	LOSS	LOSS	MEETS	EX	PR	LOSS	LOSS	MEETS	EX		PR		LOSS %		MEETS	
		TYPE	USE		%	%		%	CRITERIA	%	%	SQM	%	CRITERIA	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER		CRITERIA
27-34 THOMAS TELFORD BASIN (CONTINUED)																						
F03	R1	RESIDENTIAL	BEDROOM	W1/F03	36	36	0	0.0%	YES	99.7	99.7	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			BEDROOM	W2/F03	34.8	29.2	5.6	16.1%	YES													
	R4	RESIDENTIAL	BEDROOM	W5/F03	35.8	29.8	6	16.8%	YES	97.4	96.9	0.1	0.6%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
35-40 THOMAS TELFORD BASIN																						
F00	R1	RESIDENTIAL	KITCHEN (1)	W1/F00	29.4	28.7	0.7	2.4%	YES	94.5	94.5	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R2	RESIDENTIAL	LKD	W2/F00	29.4	28.6	0.8	2.7%	YES	97.5	97.3	0.0	0.1%	YES	56	15	56	15	0.0%	0.0%	YES	
			LKD	W3/F00	29	28	1	3.4%	YES													
	R3	RESIDENTIAL	LKD	W4/F00	29	27.8	1.2	4.1%	YES	97.5	97.3	0.0	0.2%	YES	54	14	54	14	0.0%	0.0%	YES	
			LKD	W5/F00	29.5	28	1.5	5.1%	YES													
	R4	RESIDENTIAL	KITCHEN (1)	W6/F00	29.5	27.7	1.8	6.1%	YES	94.4	94.4	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R6	RESIDENTIAL	LKD	W8/F00	29.2	26.6	2.6	8.9%	YES	98.5	93.8	0.9	4.8%	YES	51	14	49	14	3.9%	0.0%	YES	
			LKD	W9/F00	28.9	26	2.9	10.0%	YES													
	R7	RESIDENTIAL	BEDROOM	W10/F00	28.7	24.8	3.9	13.6%	YES	97.3	74.8	2.4	23.1%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R8	RESIDENTIAL	BEDROOM	W11/F00	26.8	21.2	5.6	20.9%	NO	98.2	72.9	3.6	25.8%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
F01	R1	RESIDENTIAL	KITCHEN (1)	W1/F01	31.7	31	0.7	2.2%	YES	94.6	94.6	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R2	RESIDENTIAL	LKD	W2/F01	31.6	30.8	0.8	2.5%	YES	97.5	97.4	0.0	0.1%	YES	58	16	58	16	0.0%	0.0%	YES	
			LKD	W3/F01	30.7	29.7	1	3.3%	YES													
	R3	RESIDENTIAL	LKD	W4/F01	30.7	29.5	1.2	3.9%	YES	97.5	97.5	0.0	0.1%	YES	57	16	57	16	0.0%	0.0%	YES	
			LKD	W5/F01	31.6	30.1	1.5	4.7%	YES													
	R4	RESIDENTIAL	KITCHEN (1)	W6/F01	31.7	30	1.7	5.4%	YES	94.4	94.4	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R5	RESIDENTIAL	UNKNOWN	W7/F01	29.7	27.6	2.1	7.1%	YES	99.5	99.5	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R6	RESIDENTIAL	LKD	W8/F01	31.4	28.9	2.5	8.0%	YES	98.5	96.3	0.4	2.2%	YES	57	18	55	18	3.5%	0.0%	YES	
			LKD	W9/F01	31.2	28.2	3	9.6%	YES													
	R7	RESIDENTIAL	BEDROOM	W10/F01	31.4	27.2	4.2	13.4%	YES	97.4	75.8	2.3	22.2%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R8	RESIDENTIAL	BEDROOM	W11/F01	29.9	23.9	6	20.1%	NO	98.7	74.7	3.5	24.3%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
F02	R1	RESIDENTIAL	KITCHEN (1)	W1/F02	34	33.3	0.7	2.1%	YES	94.7	94.7	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R2	RESIDENTIAL	LKD	W2/F02	33.8	33.1	0.7	2.1%	YES	98.7	98.3	0.1	0.4%	YES	61	18	61	18	0.0%	0.0%	YES	
			LKD	W3/F02	30.6	29.6	1	3.3%	YES													
			LKD	W13/F02	28.6	27.7	0.9	3.1%	YES													
	R3	RESIDENTIAL	LKD	W4/F02	30.6	29.4	1.2	3.9%	YES	98.7	98.7	0.0	0.0%	YES	62	20	62	20	0.0%	0.0%	YES	

(1) KITCHEN SMALLER THAN 13m²

(2) INC\HZ = SKY COMPONENT (INCLINED\HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

					VSC (WINDOW)					NSL					APSH (ROOM)						
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	EX	PR	LOSS	LOSS	MEETS	EX	PR	LOSS	LOSS	MEETS	EX		PR		LOSS %		MEETS
					%	%		%	CRITERIA		%	%	SQM	%	CRITERIA	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	
35-40 THOMAS TELFORD BASIN (CONTINUED)																					
			LKD	W5/F02	33.8	32.4	1.4	41%	YES												
			LKD	W12/F02	28.7	27.5	1.2	4.2%	YES												
	R4	RESIDENTIAL	KITCHEN (1)	W6/F02	33.9	32.3	1.6	4.7%	YES	94.4	94.4	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R5	RESIDENTIAL	UNKNOWN	W7/F02	31.9	29.9	2	6.3%	YES	99.5	99.5	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R6	RESIDENTIAL	LKD	W8/F02	33.6	31.3	2.3	6.8%	YES	98.5	98.5	0.0	0.0%	YES	61	18	59	18	3.3%	0.0%	YES
			LKD	W9/F02	33.3	30.6	2.7	8.1%	YES												
	R7	RESIDENTIAL	BEDROOM	W10/F02	33.5	29.6	3.9	11.6%	YES	97.4	76.4	2.3	21.6%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R8	RESIDENTIAL	BEDROOM	W11/F02	31.8	26.1	5.7	17.9%	YES	98.7	74.9	3.4	24.1%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
F03	R1	RESIDENTIAL	LKD	W1/F03	36.1	35.2	0.9	2.5%	YES	74.4	70	0.9	5.9%	YES	66	22	66	22	0.0%	0.0%	YES
	R2	RESIDENTIAL	LKD	W2/F03	36.1	35	1.1	3.0%	YES	73.3	73.1	0.0	0.3%	YES	65	21	65	21	0.0%	0.0%	YES
37 CHAPELTOWN STREET BLOCK A																					
F00	R1	RESIDENTIAL	UNKNOWN	W1/F00	27.2	26.4	0.8	2.9%	YES	93.4	92.9	0.1	0.6%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	W2/F00	27.2	26.4	0.8	2.9%	YES												
	R2	RESIDENTIAL	UNKNOWN	W3/F00	27	26.4	0.6	2.2%	YES	97.1	93.9	0.4	3.4%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	UNKNOWN	W4/F00	11.4	10.8	0.6	5.3%	YES	70.8	70.5	0.0	0.5%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN	W5/F00	18	18	0	0.0%	YES	93	93	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	W6/F00 / INC (2)	27	27	0	0.0%	YES												
			UNKNOWN	W7/F00 / INC (2)	26.9	26.9	0	0.0%	YES												
F01	R1	RESIDENTIAL	UNKNOWN	W1/F01	30.3	29.4	0.9	3.0%	YES	92.3	90.1	0.4	2.5%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN	W2/F01	29.9	29	0.9	3.0%	YES	93.2	88.9	0.5	4.6%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	UNKNOWN	W3/F01	12.7	12	0.7	5.5%	YES	72.4	70.5	0.2	2.6%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN	W4/F01	22.3	22.3	0	0.0%	YES	96.9	96.9	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	W5/F01	29.8	29.8	0	0.0%	YES												
F02	R1	RESIDENTIAL	UNKNOWN	W1/F02	33.3	32.2	1.1	3.3%	YES	97.7	97.4	0.1	0.3%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN	W2/F02	32.9	31.9	1	3.0%	YES	99.6	99.1	0.1	0.5%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	UNKNOWN	W3/F02	14.5	13.7	0.8	5.5%	YES	77	77	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN	W4/F02	27.7	27.1	0.6	2.2%	YES	97.9	97.3	0.1	0.6%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	W5/F02	32.5	32.5	0	0.0%	YES												
F03	R1	RESIDENTIAL	UNKNOWN	W1/F03	35.8	34.6	1.2	3.4%	YES	97.7	97.4	0.1	0.3%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN	W2/F03	35.6	34.5	1.1	3.1%	YES	99.5	99.1	0.0	0.4%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A

					VSC (WINDOW)					NSL					APSH (ROOM)						
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	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	
37 CHAPELTOWN STREET BLOCK A (CONTINUED)																					
	R3	RESIDENTIAL	UNKNOWN	W3/F03	16.4	15.4	1	61%	YES	80.9	80.9	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN	W4/F03	33.5	32	1.5	4.5%	YES	99.1	98.4	0.1	0.7%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
F04			UNKNOWN	W5/F03	35	35	0	0.0%	YES												
	R1	RESIDENTIAL	UNKNOWN	W1/F04	34.3	33.1	1.2	3.5%	YES	96.9	96.6	0.1	0.3%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN	W2/F04	34.2	33	1.2	3.5%	YES	98.4	96.1	0.3	2.3%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	LKD	W3/F04	14.7	14.5	0.2	1.4%	YES	98.8	98.2	0.1	0.6%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			LKD	W4/F04	3.1	2.6	0.5	16.1%	YES												
			LKD	W5/F04	5.2	4.9	0.3	5.8%	YES												
			LKD	W6/F04	14	12.1	1.9	13.6%	YES												
37 CHAPELTOWN STREET BLOCK B																					
F00	R1	RESIDENTIAL	UNKNOWN	W1/F00	27.2	16.3	10.9	40.1%	NO	93.8	66.7	3.3	28.9%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	W11/F00	22.2	22	0.2	0.9%	YES												
	R2	RESIDENTIAL	UNKNOWN	W2/F00	30	17.6	12.4	41.3%	NO	95.6	53.2	5.4	44.4%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	UNKNOWN	W3/F00	30.7	18.6	12.1	39.4%	NO	78.4	60	3.0	23.5%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN	W4/F00	32.3	23.8	8.5	26.3%	NO	97.9	94.3	0.8	3.7%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	W5/F00	33.3	25.4	7.9	23.7%	NO												
	R5 (3)	RESIDENTIAL	UNKNOWN	W6/F00	32.9	25.7	7.2	21.9%	NO	95	85.8	3.1	9.7%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	W7/F00	28.6	22	6.6	23.1%	NO												
	R6	RESIDENTIAL	UNKNOWN	W8/F00	29.8	27.5	2.3	7.7%	YES	90.9	88.6	0.8	2.5%	YES	55	11	55	11	0.0%	0.0%	YES
			UNKNOWN	W9/F00	33.4	29.3	4.1	12.3%	YES												
			UNKNOWN	W10/F00	31.8	31.8	0	0.0%	YES												
F01	R1	RESIDENTIAL	UNKNOWN	W1/F01	32.9	20.2	12.7	38.6%	NO	98.6	95.6	0.4	3.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	W11/F01	27.6	27.4	0.2	0.7%	YES												
	R2	RESIDENTIAL	UNKNOWN	W2/F01	33.7	21.1	12.6	37.4%	NO	94.5	60.6	4.3	35.8%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	UNKNOWN	W3/F01	32.6	20.5	12.1	37.1%	NO	94.3	77.2	2.8	18.1%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN	W4/F01	33.1	24.7	8.4	25.4%	NO	97.5	94.8	0.6	2.8%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	W5/F01	34.2	26.3	7.9	23.1%	NO												
	R5 (3)	RESIDENTIAL	UNKNOWN	W6/F01	33.8	26.7	7.1	21.0%	NO	95.1	91.3	1.3	4.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	W7/F01	29.4	23	6.4	21.8%	NO												
	R6	RESIDENTIAL	UNKNOWN	W8/F01	30.6	28.3	2.3	7.5%	YES	94.8	93.4	0.5	1.4%	YES	58	14	58	14	0.0%	0.0%	YES

					VSC (WINDOW)					NSL					APSH (ROOM)							
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	EX	PR	LOSS	LOSS	MEETS	EX	PR	LOSS	LOSS	MEETS	EX		PR		LOSS %		MEETS CRITERIA	
					%	%		%	CRITERIA	%	%	SQM	%	CRITERIA	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER		
37 CHAPELTOWN STREET BLOCK B (CONTINUED)																						
			UNKNOWN	W9/F01	34.2	30.3	3.9	11.4%	YES													
			UNKNOWN	W10/F01	33	33	0	0.0%	YES													
F02	R1	RESIDENTIAL	UNKNOWN	W1/F02	35	22.4	12.6	36.0%	NO	98.6	96	0.3	2.6%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			UNKNOWN	W11/F02	31.1	30.9	0.2	0.6%	YES													
	R2	RESIDENTIAL	UNKNOWN	W2/F02	34.9	22.4	12.5	35.8%	NO	95.3	611	4.4	35.8%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R3	RESIDENTIAL	UNKNOWN	W3/F02	33.7	21.6	12.1	35.9%	NO	94.3	77	2.8	18.4%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R4	RESIDENTIAL	UNKNOWN	W4/F02	33.8	25.6	8.2	24.3%	NO	97.9	95.2	0.6	2.8%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			UNKNOWN	W5/F02	35	27.3	7.7	22.0%	YES													
	R5 (3)	RESIDENTIAL	UNKNOWN	W6/F02	34.6	27.7	6.9	19.9%	YES	95.2	90.7	1.5	4.8%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			UNKNOWN	W7/F02	30.1	24	6.1	20.3%	NO													
	R6	RESIDENTIAL	UNKNOWN	W8/F02	31.2	29.1	2.1	6.7%	YES	94.4	93	0.5	1.6%	YES	64	20	64	20	0.0%	0.0%	YES	
			UNKNOWN	W9/F02	34.9	31.2	3.7	10.6%	YES													
			UNKNOWN	W10/F02	34	34	0	0.0%	YES													
F03	R1	RESIDENTIAL	UNKNOWN	W1/F03	36.1	23.9	12.2	33.8%	NO	98.5	96	0.3	2.5%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			UNKNOWN	W11/F03	33.8	33.6	0.2	0.6%	YES													
	R2	RESIDENTIAL	UNKNOWN	W2/F03	35.9	23.7	12.2	34.0%	NO	95.7	61.2	4.4	36.0%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R3	RESIDENTIAL	UNKNOWN	W3/F03	34.8	23.1	11.7	33.6%	NO	94.2	76.7	2.9	18.6%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R4	RESIDENTIAL	UNKNOWN	W4/F03	34.7	26.8	7.9	22.8%	NO	98.2	95.3	0.7	3.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			UNKNOWN	W5/F03	35.9	28.6	7.3	20.3%	YES													
	R5 (3)	RESIDENTIAL	UNKNOWN	W6/F03	35.4	28.9	6.5	18.4%	YES	95.3	89.9	1.8	5.7%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			UNKNOWN	W7/F03	30.8	24.9	5.9	19.2%	YES													
	R6	RESIDENTIAL	UNKNOWN	W8/F03	31.8	29.9	1.9	6.0%	YES	93.8	92.3	0.6	1.7%	YES	64	20	64	20	0.0%	0.0%	YES	
			UNKNOWN	W9/F03	35.6	32.2	3.4	9.6%	YES													
			UNKNOWN	W10/F03	35	35	0	0.0%	YES													

Assessment Three

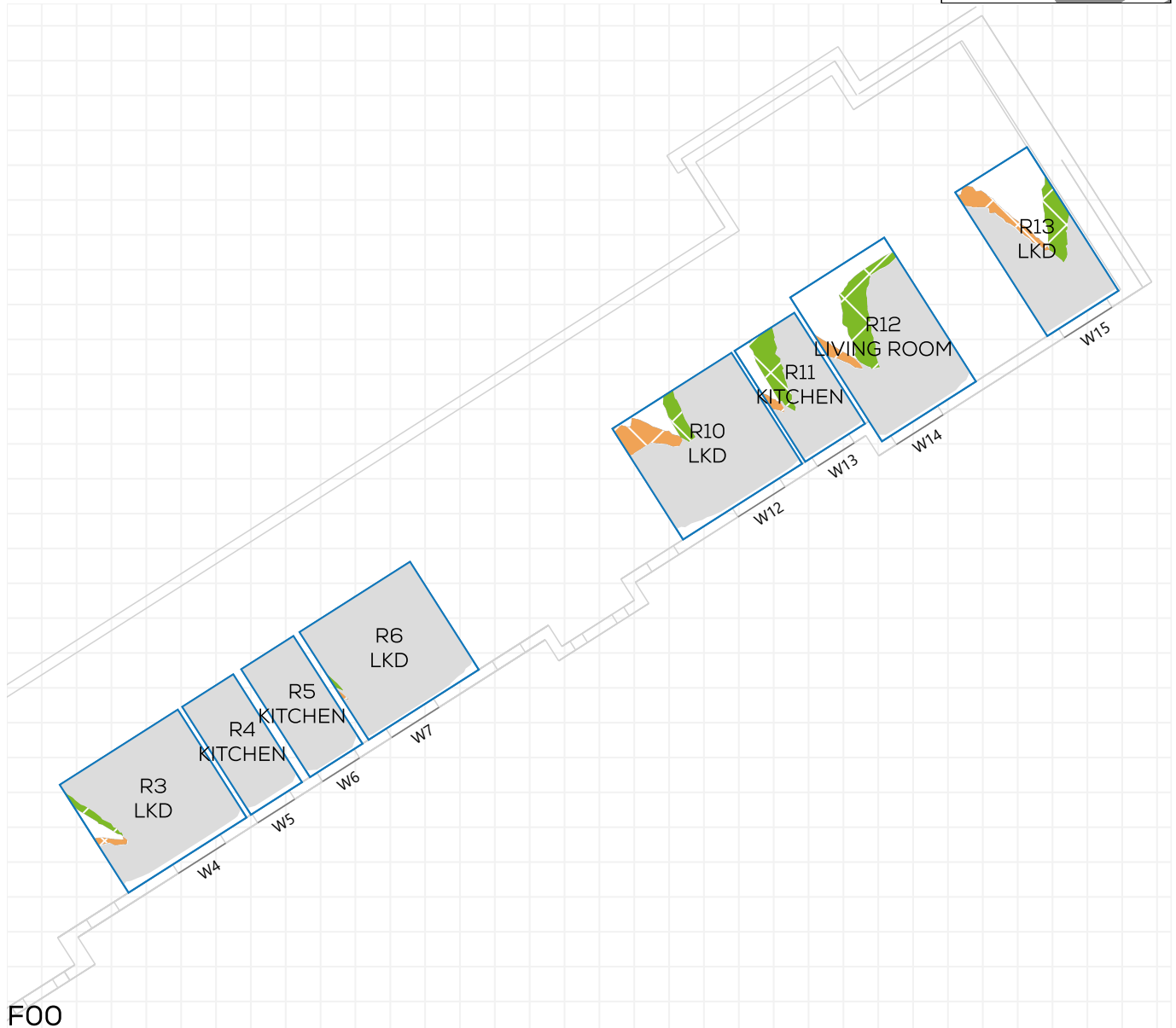
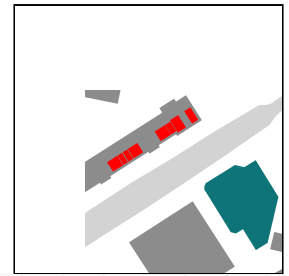
NSL CONTOURS



PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: WHARF CLOSE
 DATE: 07/06/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-RELO3-IS03-DD1

KEY:

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



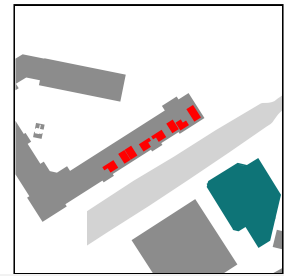
F00

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
WHARF CLOSE								
F00	R3	RESIDENTIAL	LKD	14.7	90.6	91.7	-0.2	-1.2
F00	R4	RESIDENTIAL	KITCHEN	6.4	95.5	95.5	0.0	0
F00	R5	RESIDENTIAL	KITCHEN	6.5	97.2	97.2	0.0	0
F00	R6	RESIDENTIAL	LKD	13.8	96.9	97.1	0.0	-0.2
F00	R10	RESIDENTIAL	LKD	15.3	88.2	85.1	0.5	3.5
F00	R11	RESIDENTIAL	KITCHEN	7.7	73.2	87.8	-1.1	-20
F00	R12	RESIDENTIAL	LIVING ROOM	15.7	64.5	75.2	-1.7	-16.5
F00	R13	RESIDENTIAL	LKD	11.9	62.1	64.7	-0.3	-4.3

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: WHARF CLOSE
 DATE: 07/06/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS03-DD2

KEY:

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



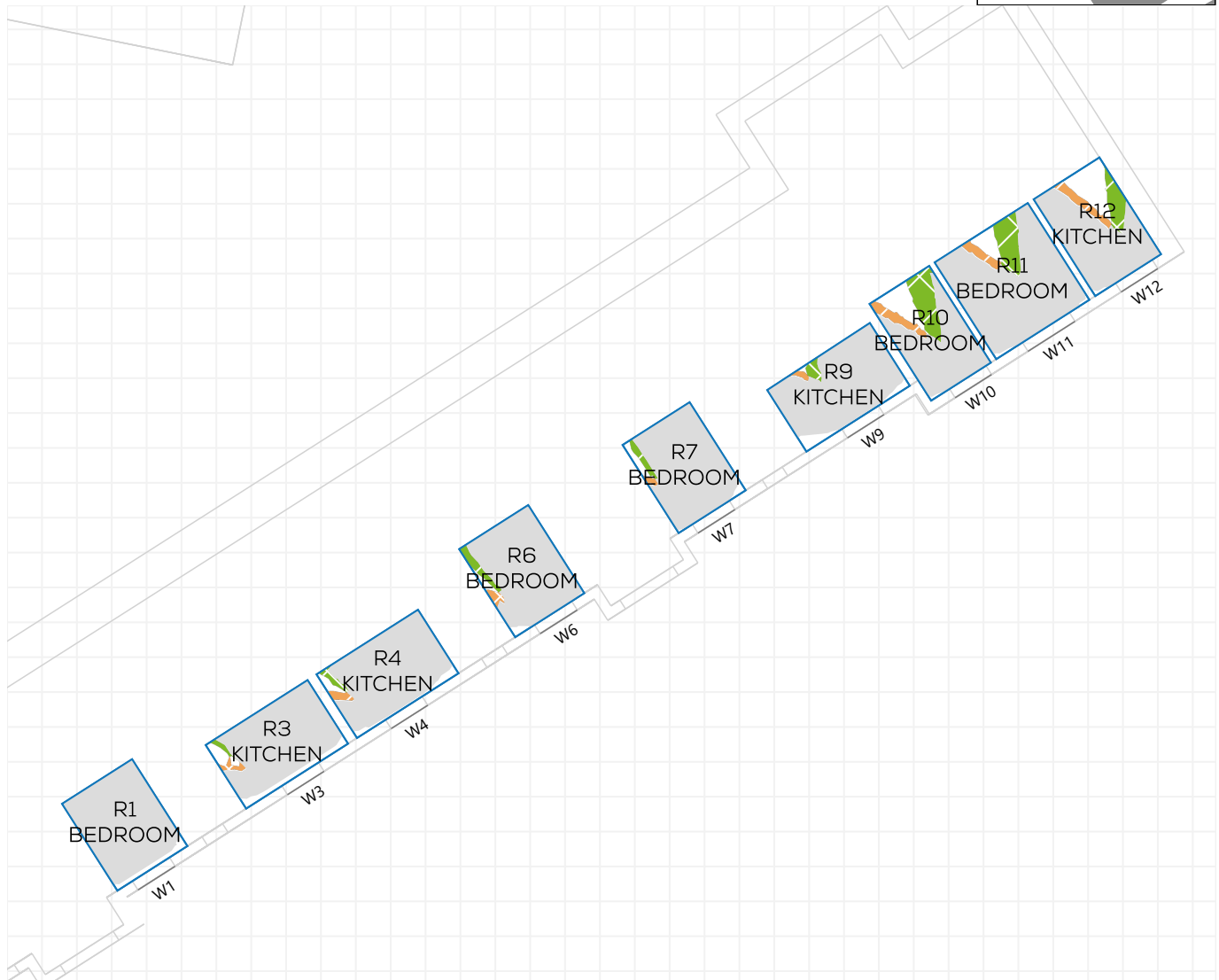
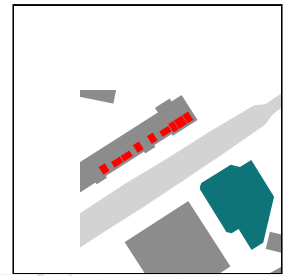
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FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
WHARF CLOSE								
F01	R2	RESIDENTIAL	BEDROOM	10.8	80	81	-0.1	-1.3
F01	R4	RESIDENTIAL	BEDROOM	9.4	95.8	95.9	0.0	-0.2
F01	R5	RESIDENTIAL	BEDROOM	10.0	97.8	97.8	0.0	0
F01	R7	RESIDENTIAL	BEDROOM	9.8	80.2	79.5	0.1	0.8
F01	R9	RESIDENTIAL	BEDROOM	9.9	78.1	78.5	0.0	-0.5
F01	R11	RESIDENTIAL	BEDROOM	9.6	70.1	78.4	-0.8	-11.8
F01	R12	RESIDENTIAL	BEDROOM	8.7	85.6	90.5	-0.4	-5.8
F01	R14	RESIDENTIAL	BEDROOM	12.9	64.2	67.8	-0.5	-5.6

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: WHARF CLOSE
 DATE: 07/06/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS03-DD3

KEY:

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



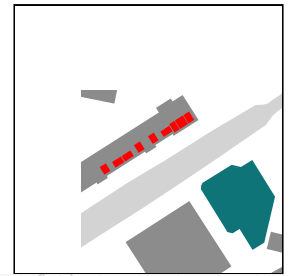
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FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
WHARF CLOSE								
F02	R1	RESIDENTIAL	BEDROOM	7.0	94.8	94.8	0.0	0
F02	R3	RESIDENTIAL	KITCHEN	7.5	87.6	87.1	0.0	0.6
F02	R4	RESIDENTIAL	KITCHEN	7.5	90.9	91.2	0.0	-0.3
F02	R6	RESIDENTIAL	BEDROOM	7.0	92.2	94.7	-0.2	-2.6
F02	R7	RESIDENTIAL	BEDROOM	6.8	92.4	94.4	-0.1	-2.2
F02	R9	RESIDENTIAL	KITCHEN	7.4	90.8	92.3	-0.1	-1.6
F02	R10	RESIDENTIAL	BEDROOM	6.7	70	81.1	-0.7	-15.8
F02	R11	RESIDENTIAL	BEDROOM	10.4	85.5	91.9	-0.7	-7.6
F02	R12	RESIDENTIAL	KITCHEN	7.3	73.7	77.3	-0.3	-4.9

PROJECT: 1447 - STORE STREET, MANCHESTER
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 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS03-DD4

KEY:

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



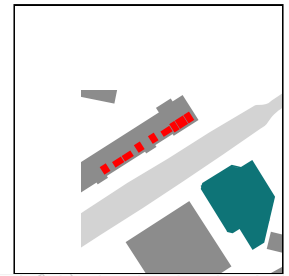
F03

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
WHARF CLOSE								
F03	R2	RESIDENTIAL	BEDROOM	7.0	96.4	96.4	0.0	0
F03	R4	RESIDENTIAL	KITCHEN	7.5	90	89.7	0.0	0.3
F03	R5	RESIDENTIAL	KITCHEN	7.5	91.4	91.5	0.0	-0.1
F03	R7	RESIDENTIAL	BEDROOM	7.0	92.1	94.6	-0.2	-2.7
F03	R9	RESIDENTIAL	BEDROOM	6.8	92.5	94.5	-0.1	-2.2
F03	R11	RESIDENTIAL	KITCHEN	7.4	91.1	92.5	-0.1	-1.5
F03	R12	RESIDENTIAL	BEDROOM	6.7	70.8	81.7	-0.7	-15.4
F03	R13	RESIDENTIAL	BEDROOM	10.4	85.4	92	-0.7	-7.6
F03	R14	RESIDENTIAL	KITCHEN	7.3	73.6	77.3	-0.3	-5

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: WHARF CLOSE
 DATE: 07/06/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS03-DD5

KEY:

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



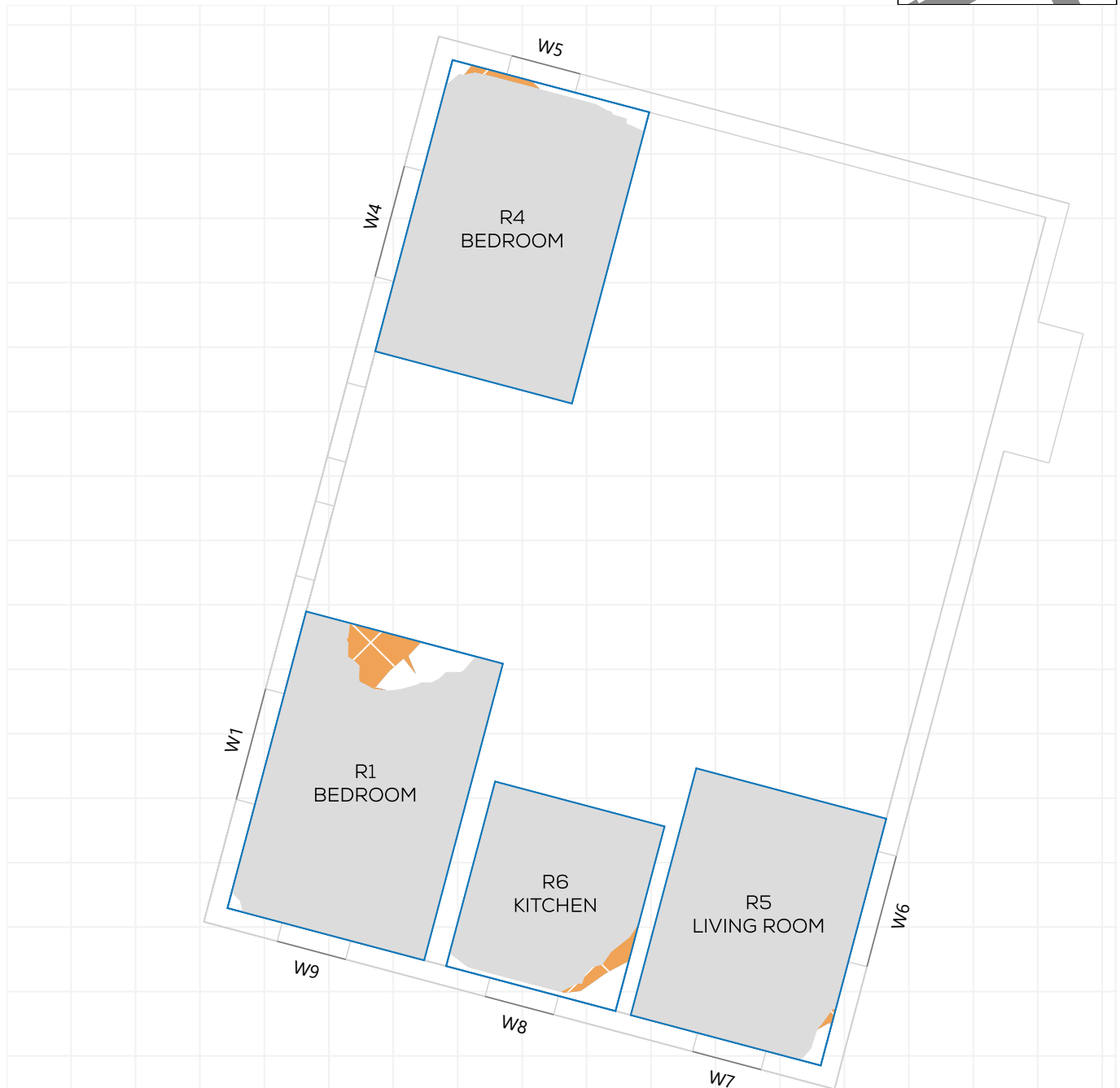
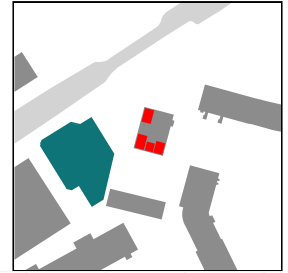
F04

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
WHARF CLOSE								
F04	R1	RESIDENTIAL	BEDROOM	7.0	96.7	96.7	0.0	0
F04	R3	RESIDENTIAL	KITCHEN	7.5	88	88.9	-0.1	-1
F04	R4	RESIDENTIAL	KITCHEN	7.5	90.1	90.3	0.0	-0.2
F04	R6	RESIDENTIAL	BEDROOM	7.0	90.1	92.4	-0.2	-2.5
F04	R7	RESIDENTIAL	BEDROOM	6.8	90.6	92.7	-0.1	-2.3
F04	R9	RESIDENTIAL	KITCHEN	7.4	90.2	91.6	-0.1	-1.6
F04	R10	RESIDENTIAL	BEDROOM	6.7	68.5	79.5	-0.7	-16.1
F04	R11	RESIDENTIAL	BEDROOM	10.4	85.2	91.7	-0.7	-7.6
F04	R12	RESIDENTIAL	KITCHEN	7.3	73.8	77.5	-0.3	-5

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 19-26 THOMAS TELFORD BASIN
 DATE: 07/06/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS03-DD6

KEY:

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



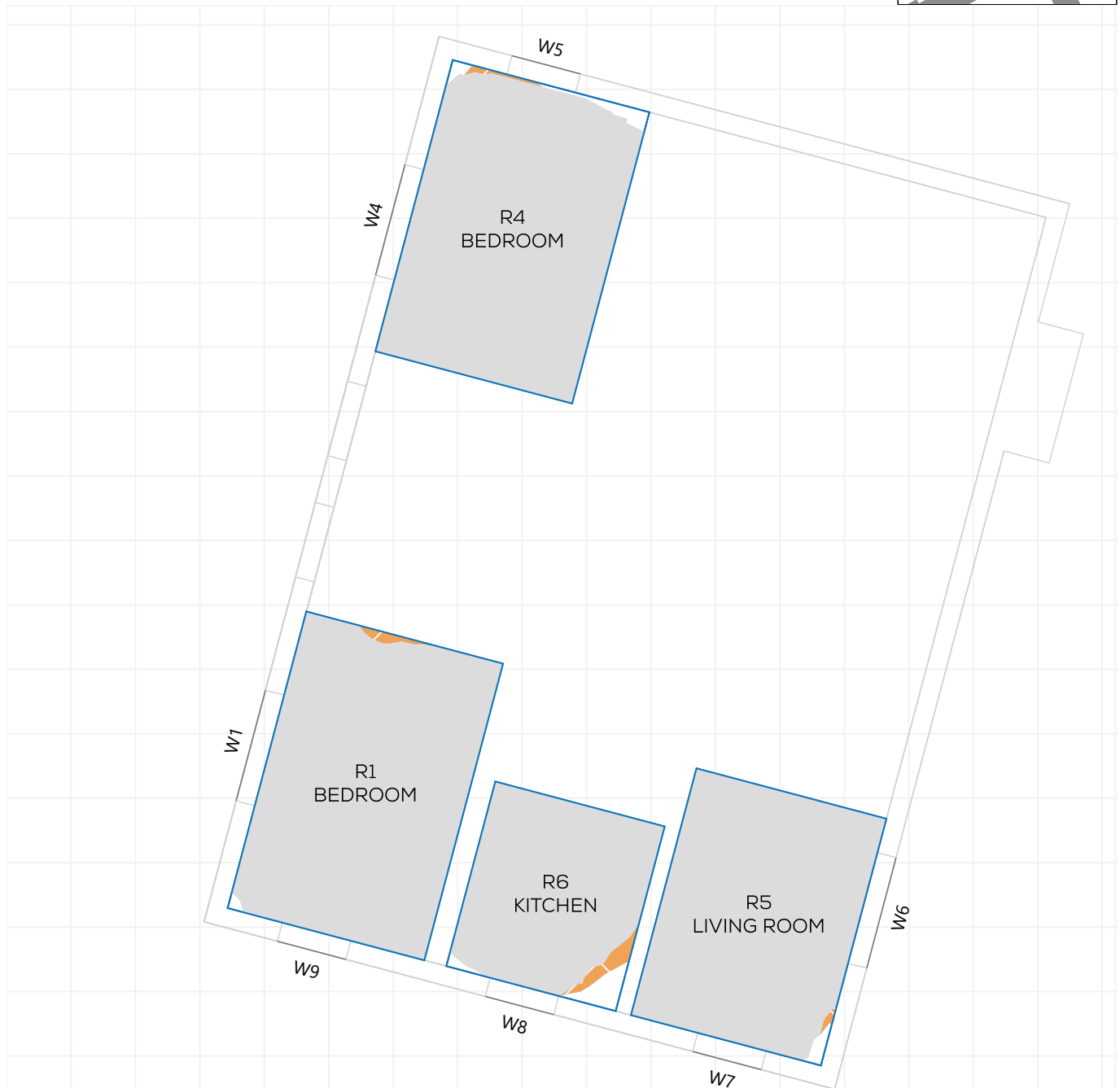
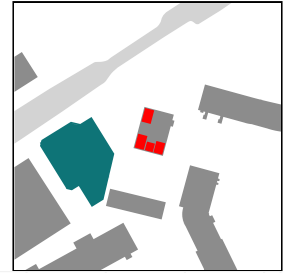
F00

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
19-26 THOMAS TELFORD BASIN								
F00	R1	RESIDENTIAL	BEDROOM	15.0	96	91.7	0.7	4.5
F00	R4	RESIDENTIAL	BEDROOM	14.8	97.8	97.2	0.1	0.7
F00	R5	RESIDENTIAL	LIVING ROOM	12.1	98.9	98.6	0.0	0.2
F00	R6	RESIDENTIAL	KITCHEN	8.1	94.1	91.1	0.2	3.2

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 19-26 THOMAS TELFORD BASIN
 DATE: 07/06/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS03-DD7

KEY:

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



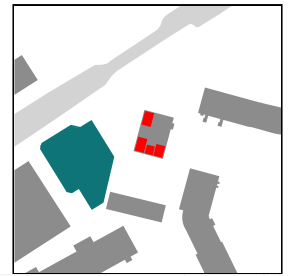
F01

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
19-26 THOMAS TELFORD BASIN								
F01	R1	RESIDENTIAL	BEDROOM	15.0	99.7	99	0.1	0.7
F01	R4	RESIDENTIAL	BEDROOM	14.8	98.1	97.7	0.1	0.5
F01	R5	RESIDENTIAL	LIVING ROOM	12.1	99.1	98.8	0.0	0.3
F01	R6	RESIDENTIAL	KITCHEN	8.1	95.3	92.3	0.2	3.2

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 19-26 THOMAS TELFORD BASIN
 DATE: 07/06/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS03-DD8

KEY:

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



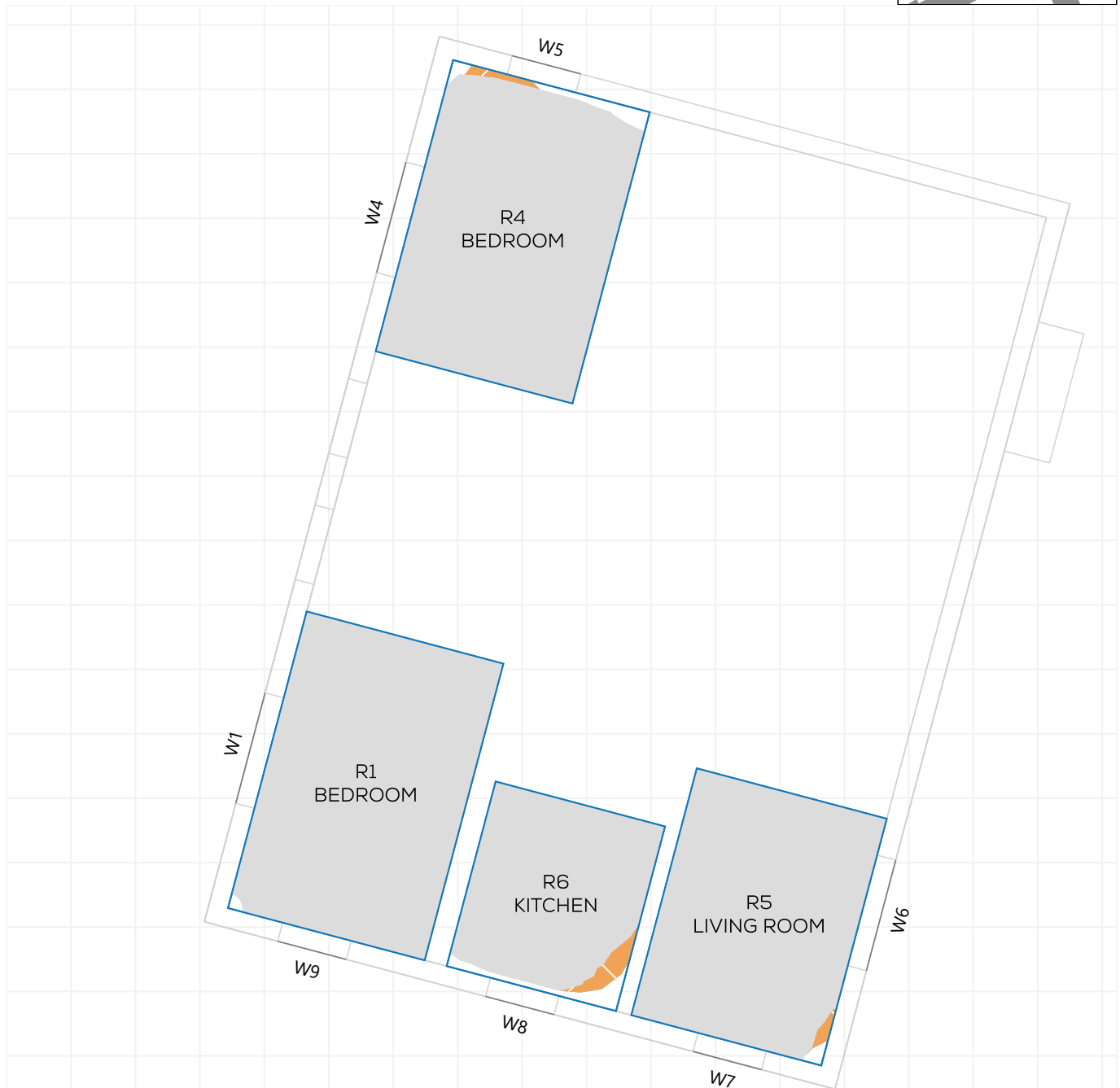
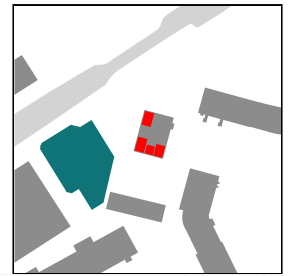
F02

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
19-26 THOMAS TELFORD BASIN								
F02	R1	RESIDENTIAL	BEDROOM	15.0	99.7	99.7	0.0	0
F02	R4	RESIDENTIAL	BEDROOM	14.8	98.1	97.8	0.0	0.3
F02	R5	RESIDENTIAL	LIVING ROOM	12.1	99	98.6	0.0	0.4
F02	R6	RESIDENTIAL	KITCHEN	8.1	95.5	92.3	0.3	3.3

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 19-26 THOMAS TELFORD BASIN
 DATE: 07/06/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS03-DD9

KEY:

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



F03

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
19-26 THOMAS TELFORD BASIN								
F03	R1	RESIDENTIAL	BEDROOM	15.0	99.7	99.7	0.0	0
F03	R4	RESIDENTIAL	BEDROOM	14.8	97.7	96.9	0.1	0.8
F03	R5	RESIDENTIAL	LIVING ROOM	12.1	99.4	98.6	0.1	0.7
F03	R6	RESIDENTIAL	KITCHEN	8.1	94.9	91.1	0.3	4.1

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 27-34 THOMAS TELFORD BASIN
 DATE: 07/06/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS03-DD10

KEY:

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



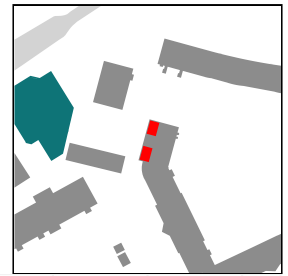
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FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
27-34 THOMAS TELFORD BASIN								
F00	R1	RESIDENTIAL	BEDROOM	14.5	98.9	98.9	0.0	0
F00	R4	RESIDENTIAL	BEDROOM	15.0	95.1	95.5	-0.1	-0.5

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 27-34 THOMAS TELFORD BASIN
 DATE: 07/06/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-RELO3-IS03-DD11

KEY:

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



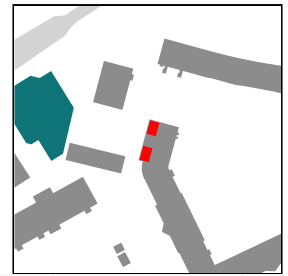
F01

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
27-34 THOMAS TELFORD BASIN								
F01	R1	RESIDENTIAL	BEDROOM	14.5	99.6	99.6	0.0	0
F01	R4	RESIDENTIAL	BEDROOM	15.0	96.3	96.7	-0.1	-0.5

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 27-34 THOMAS TELFORD BASIN
 DATE: 07/06/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS03-DD12

KEY:

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



F02

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
27-34 THOMAS TELFORD BASIN								
F02	R1	RESIDENTIAL	BEDROOM	14.5	99.6	99.6	0.0	0
F02	R4	RESIDENTIAL	BEDROOM	15.0	96.8	97.1	0.0	-0.2

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 27-34 THOMAS TELFORD BASIN
 DATE: 07/06/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS03-DD13

KEY:

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



F03

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
27-34 THOMAS TELFORD BASIN								
F03	R1	RESIDENTIAL	BEDROOM	14.5	99.6	99.6	0.0	0
F03	R4	RESIDENTIAL	BEDROOM	15.0	96.6	96.9	0.0	-0.3

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 35-40 THOMAS TELFORD BASIN
 DATE: 07/06/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-RELO3-IS03-DD14

KEY:

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



F00

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
35-40 THOMAS TELFORD BASIN								
F00	R1	RESIDENTIAL	KITCHEN	7.5	94.5	94.5	0.0	0
F00	R2	RESIDENTIAL	LKD	19.5	97.3	96.9	0.1	0.5
F00	R3	RESIDENTIAL	LKD	19.5	97.3	96.8	0.1	0.5
F00	R4	RESIDENTIAL	KITCHEN	7.5	94.4	94.1	0.0	0.3
F00	R6	RESIDENTIAL	LKD	19.8	93.8	93.1	0.1	0.8
F00	R7	RESIDENTIAL	BEDROOM	10.8	74.8	79.6	-0.5	-6.4
F00	R8	RESIDENTIAL	BEDROOM	14.4	72.9	76.2	-0.5	-4.5

NSL CONTOURS



PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 35-40 THOMAS TELFORD BASIN
 DATE: 07/06/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS03-DD15

KEY:
 GAIN
 LOSS
 MAINTAINED LIT AREA
 1 METRE GRID



F01

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
35-40 THOMAS TELFORD BASIN								
F01	R1	RESIDENTIAL	KITCHEN	7.5	94.6	94.6	0.0	0
F01	R2	RESIDENTIAL	LKD	19.5	97.4	97	0.1	0.4
F01	R3	RESIDENTIAL	LKD	19.5	97.5	97	0.1	0.5
F01	R4	RESIDENTIAL	KITCHEN	7.5	94.4	94.3	0.0	0.1
F01	R5	RESIDENTIAL	UNKNOWN	10.3	99.5	99.2	0.0	0.3
F01	R6	RESIDENTIAL	LKD	19.8	96.3	95.3	0.2	1.1
F01	R7	RESIDENTIAL	BEDROOM	10.8	75.8	79.8	-0.4	-5.3
F01	R8	RESIDENTIAL	BEDROOM	14.4	74.7	79.5	-0.7	-6.5

NSL CONTOURS



PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 35-40 THOMAS TELFORD BASIN
 DATE: 07/06/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS03-DD16

KEY:
 GAIN
 LOSS
 MAINTAINED LIT AREA
 1 METRE GRID



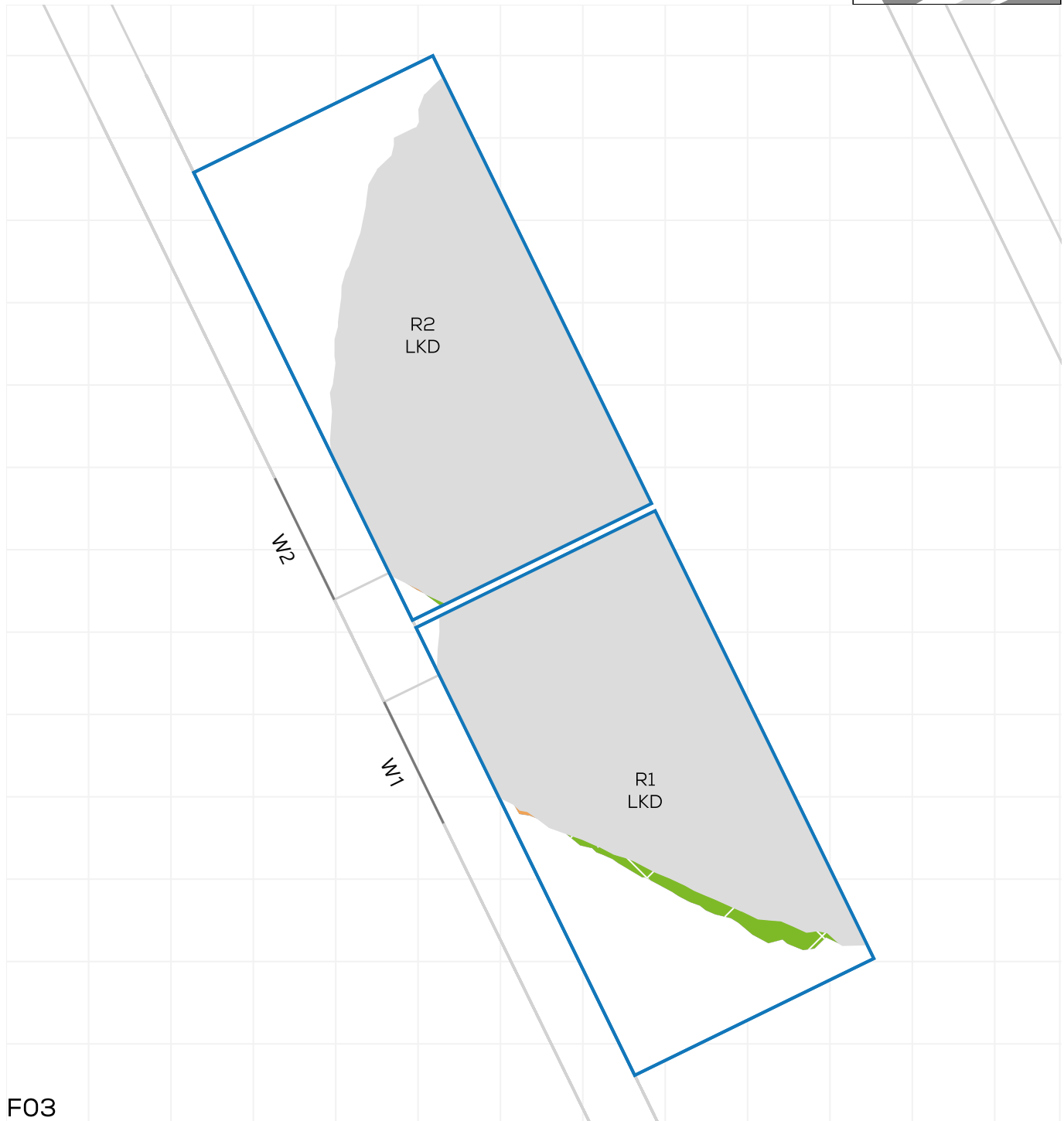
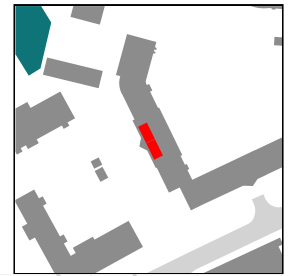
F02

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
35-40 THOMAS TELFORD BASIN								
F02	R1	RESIDENTIAL	KITCHEN	7.5	94.7	94.7	0.0	0
F02	R2	RESIDENTIAL	LKD	19.5	98.3	98	0.1	0.4
F02	R3	RESIDENTIAL	LKD	19.5	98.7	98.6	0.0	0.1
F02	R4	RESIDENTIAL	KITCHEN	7.5	94.4	94.4	0.0	0.1
F02	R5	RESIDENTIAL	UNKNOWN	10.3	99.5	99.1	0.0	0.4
F02	R6	RESIDENTIAL	LKD	19.8	98.5	97.5	0.2	1
F02	R7	RESIDENTIAL	BEDROOM	10.8	76.4	79.8	-0.4	-4.5
F02	R8	RESIDENTIAL	BEDROOM	14.4	74.9	79.4	-0.6	-6

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 35-40 THOMAS TELFORD BASIN
 DATE: 07/06/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS03-DD17

KEY:

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



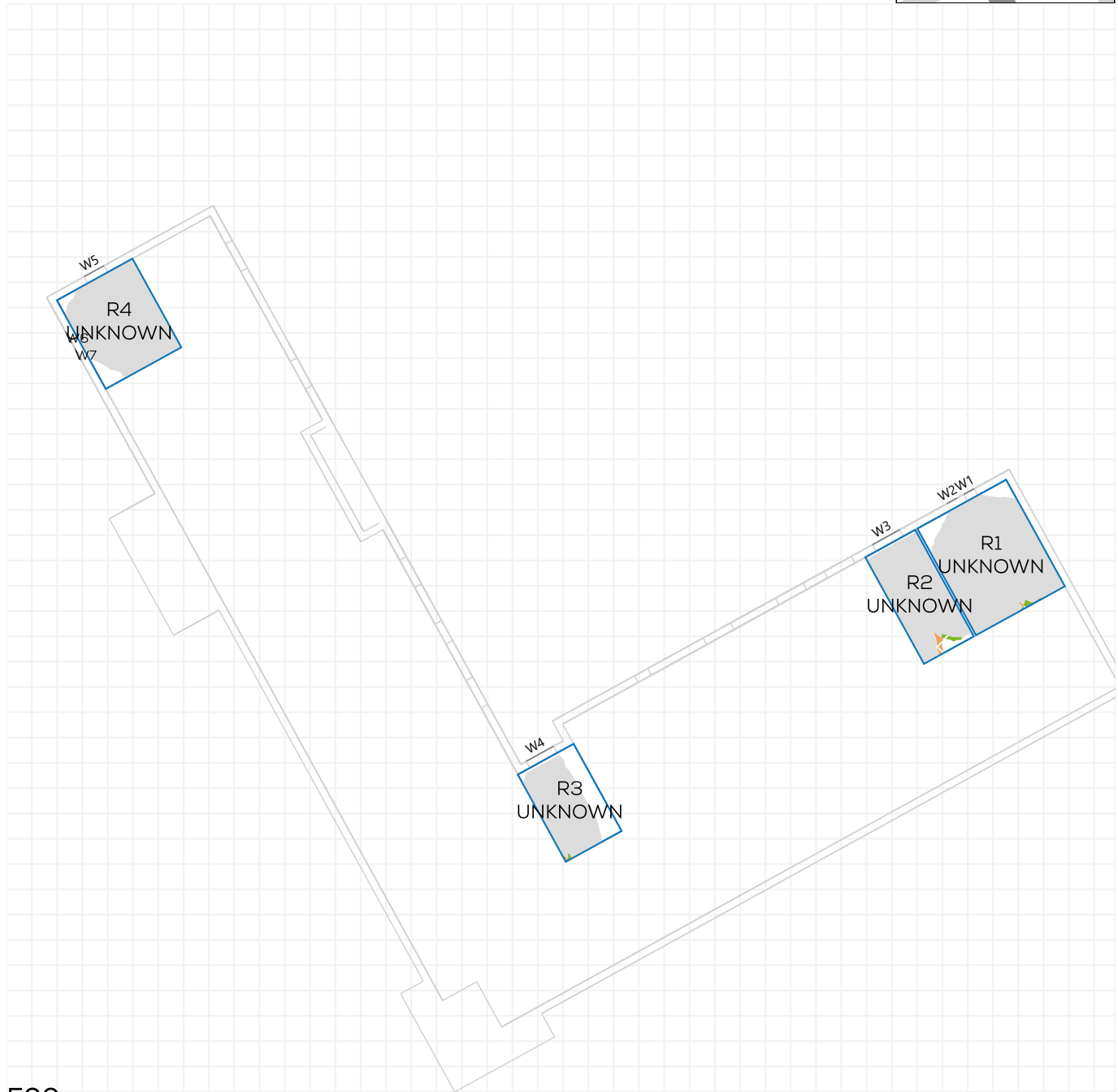
F03

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
35-40 THOMAS TELFORD BASIN								
F03	R1	RESIDENTIAL	LKD	19.5	70	72.5	-0.5	-3.5
F03	R2	RESIDENTIAL	LKD	19.5	73.1	73.1	0.0	0

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 37 CHAPELTOWN STREET BLOCK A
 DATE: 07/06/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS03-DD18

KEY:

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



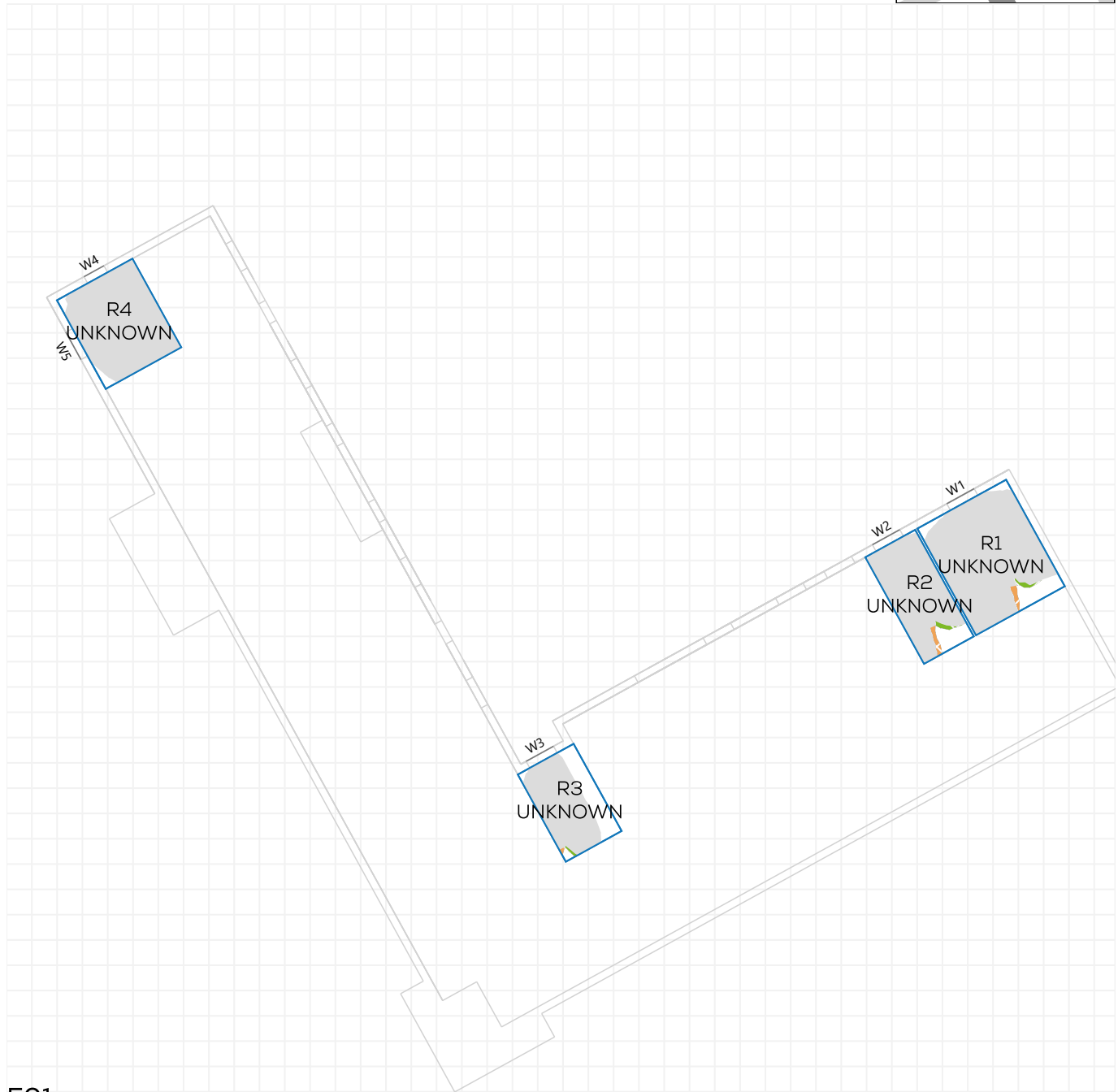
F00

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
37 CHAPELTOWN STREET BLOCK A								
F00	R1	RESIDENTIAL	UNKNOWN	19.3	92.9	93.3	-0.1	-0.4
F00	R2	RESIDENTIAL	UNKNOWN	10.8	93.9	93.5	0.0	0.3
F00	R3	RESIDENTIAL	UNKNOWN	9.9	70.5	70.6	0.0	-0.1
F00	R4	RESIDENTIAL	UNKNOWN	13.6	93	93	0.0	0

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 37 CHAPELTOWN STREET BLOCK A
 DATE: 07/06/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS03-DD19

KEY:

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



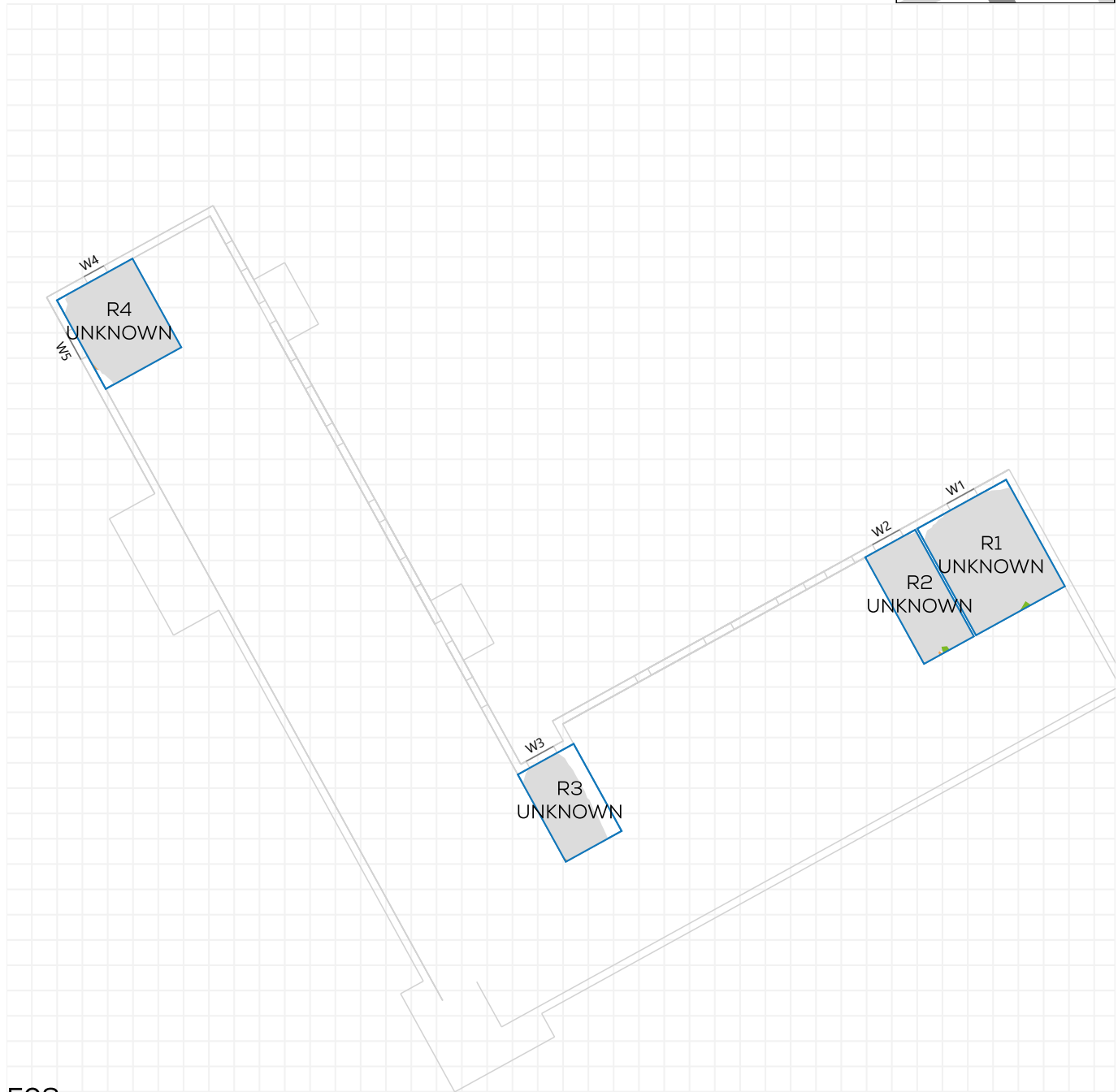
F01

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
37 CHAPELTOWN STREET BLOCK A								
F01	R1	RESIDENTIAL	UNKNOWN	19.3	90.1	89.9	0.0	0.2
F01	R2	RESIDENTIAL	UNKNOWN	10.8	88.9	88.4	0.1	0.7
F01	R3	RESIDENTIAL	UNKNOWN	9.9	70.5	70.6	0.0	-0.2
F01	R4	RESIDENTIAL	UNKNOWN	13.6	96.9	96.9	0.0	0

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 37 CHAPELTOWN STREET BLOCK A
 DATE: 07/06/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS03-DD20

KEY:

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



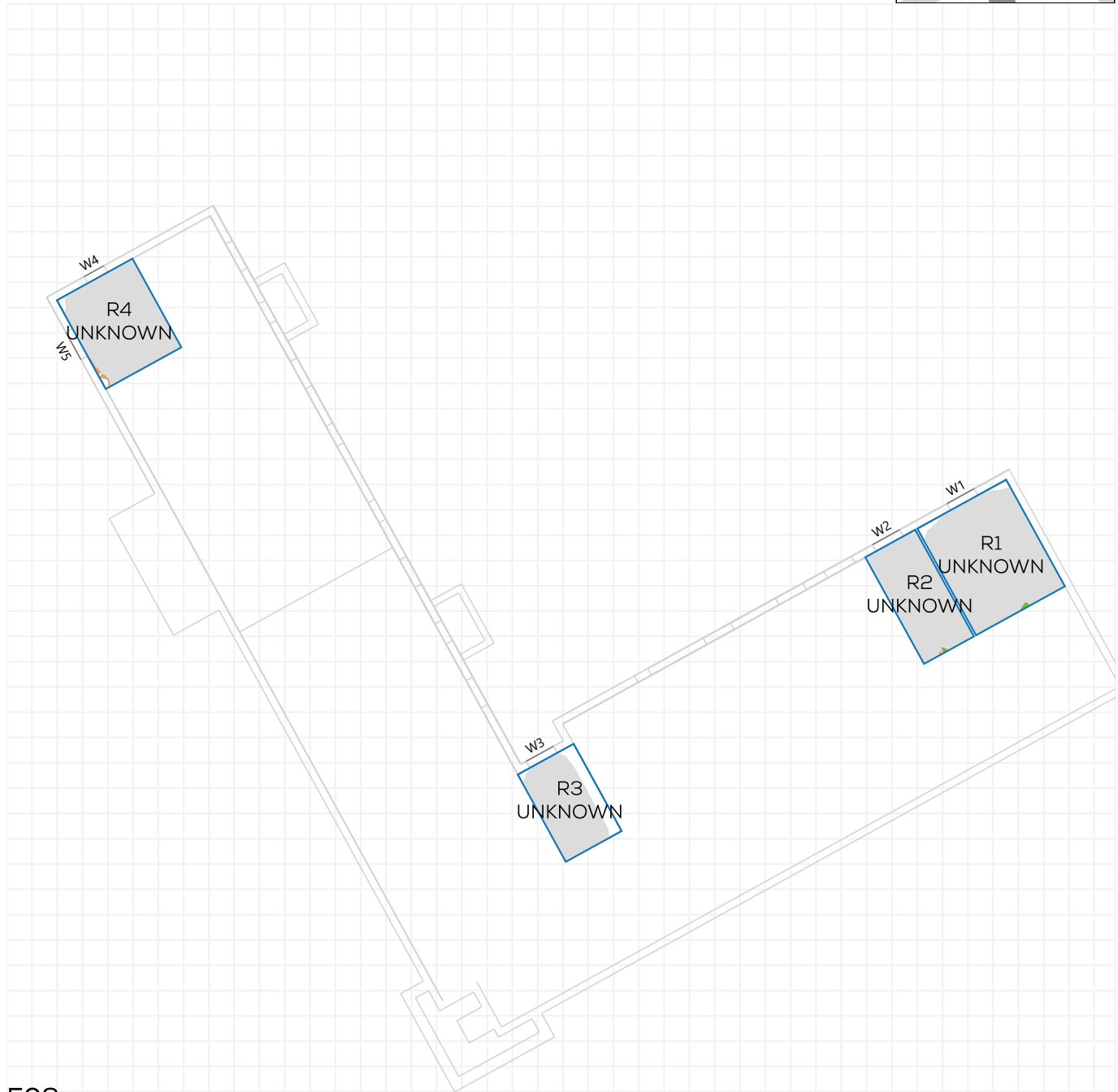
F02

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
37 CHAPELTOWN STREET BLOCK A								
F02	R1	RESIDENTIAL	UNKNOWN	19.3	97.4	97.7	-0.1	-0.3
F02	R2	RESIDENTIAL	UNKNOWN	10.8	99.1	99.4	0.0	-0.3
F02	R3	RESIDENTIAL	UNKNOWN	9.9	77	76.9	0.0	0.1
F02	R4	RESIDENTIAL	UNKNOWN	13.6	97.3	97.2	0.0	0.2

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 37 CHAPELTOWN STREET BLOCK A
 DATE: 07/06/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS03-DD21

KEY:

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



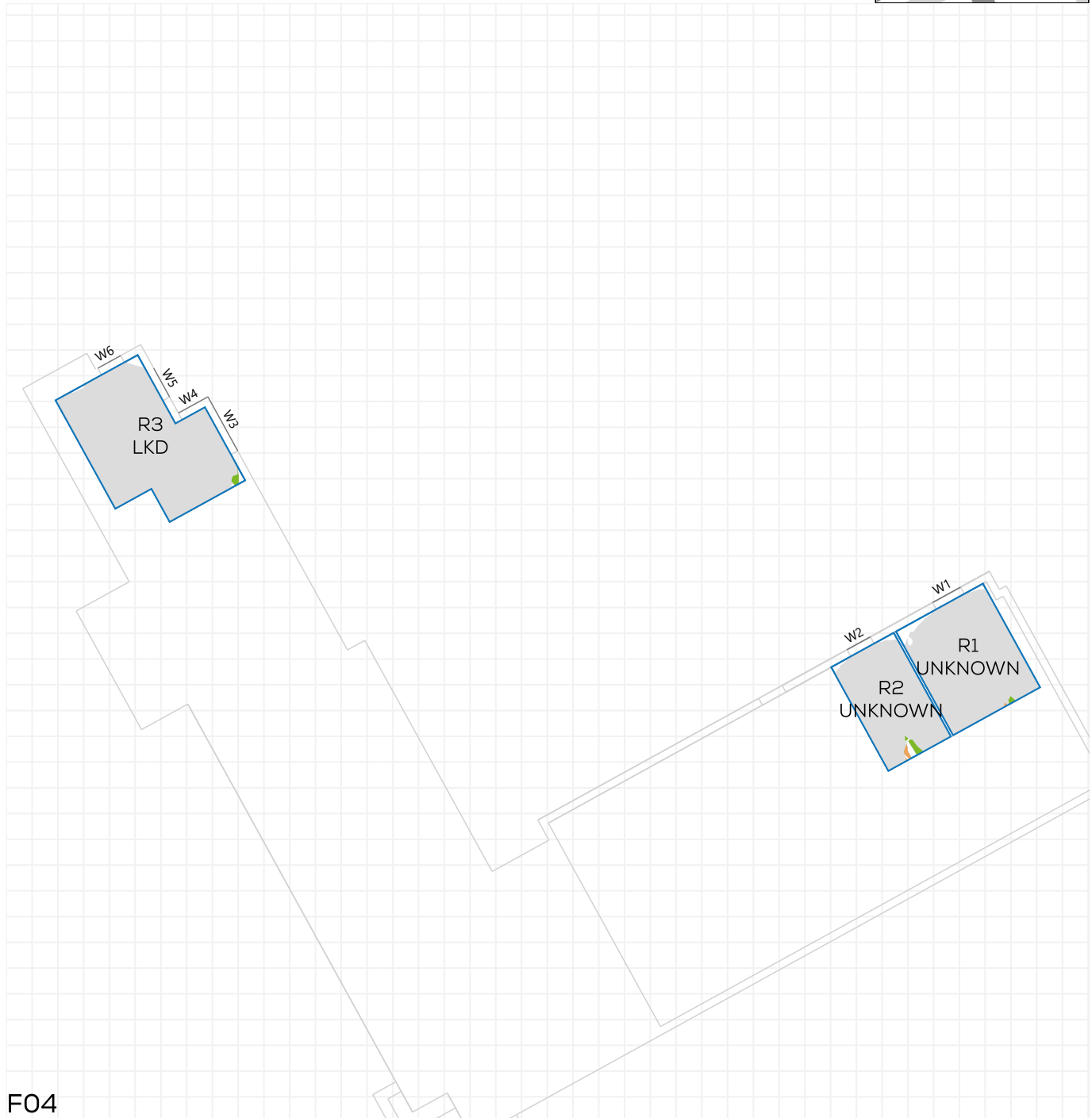
F03

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
37 CHAPELTOWN STREET BLOCK A								
F03	R1	RESIDENTIAL	UNKNOWN	19.3	97.4	97.7	-0.1	-0.3
F03	R2	RESIDENTIAL	UNKNOWN	10.8	99.1	99.4	0.0	-0.2
F03	R3	RESIDENTIAL	UNKNOWN	9.9	80.9	80.8	0.0	0.1
F03	R4	RESIDENTIAL	UNKNOWN	13.6	98.4	97.4	0.1	1.1

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 37 CHAPELTOWN STREET BLOCK A
 DATE: 07/06/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS03-DD22

KEY:

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



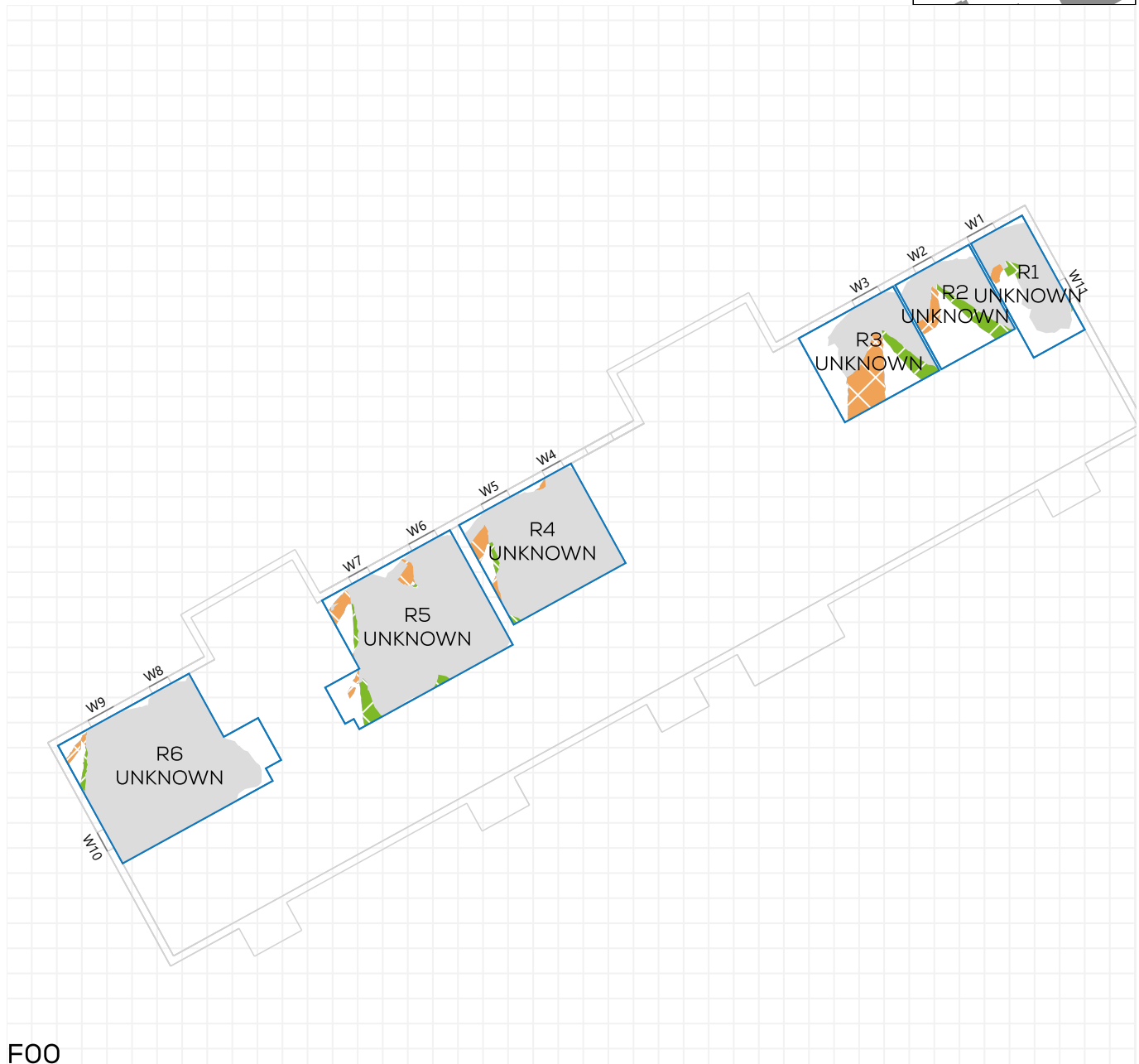
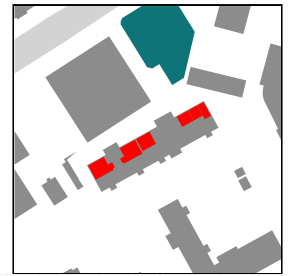
F04

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
37 CHAPELTOWN STREET BLOCK A								
F04	R1	RESIDENTIAL	UNKNOWN	17.7	96.6	96.9	0.0	-0.2
F04	R2	RESIDENTIAL	UNKNOWN	12.7	96.1	96.8	-0.1	-0.7
F04	R3	RESIDENTIAL	LKD	24.7	98.2	98.7	-0.1	-0.5

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 37 CHAPELTOWN STREET BLOCK B
 DATE: 07/06/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS03-DD23

KEY:

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



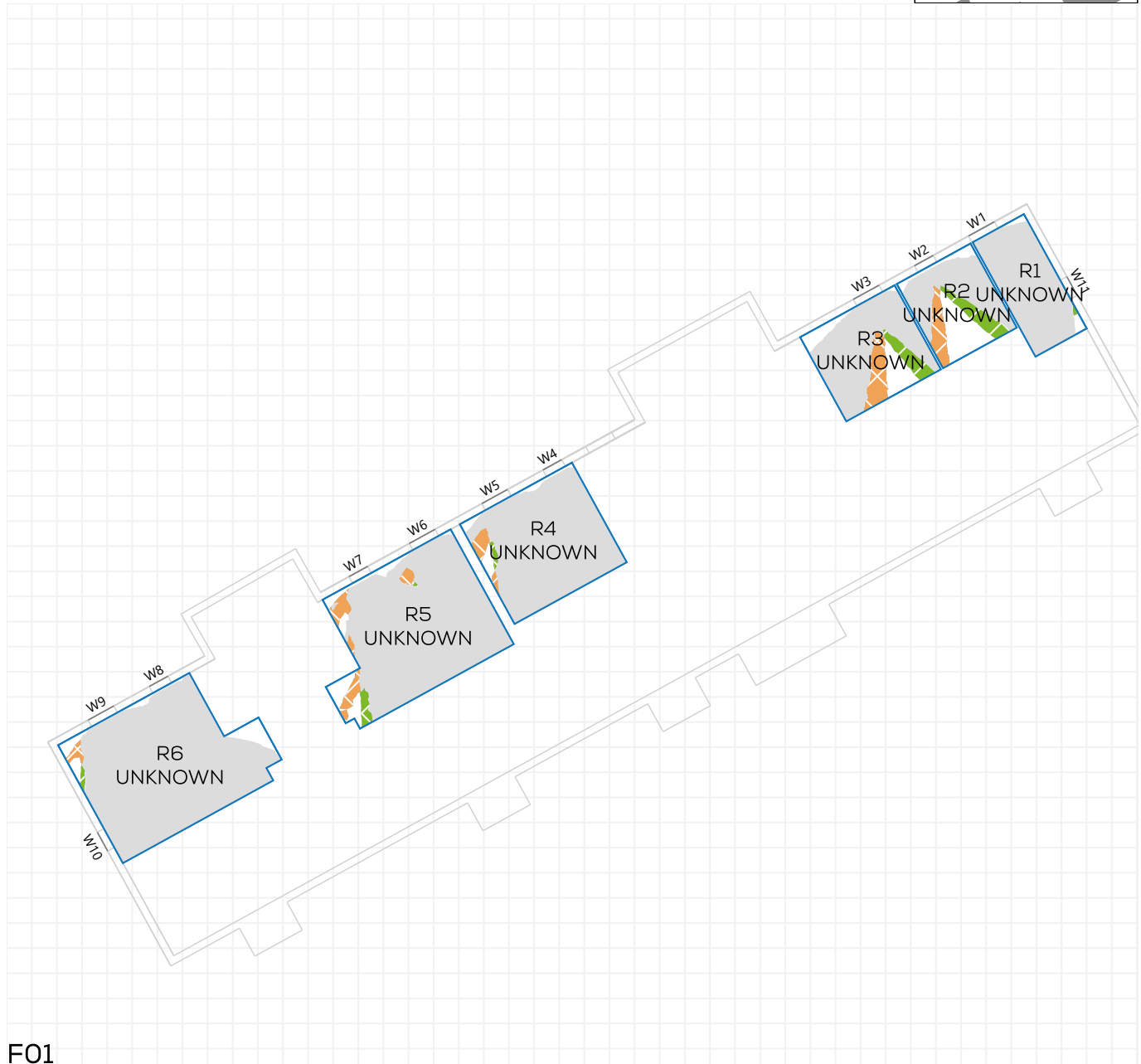
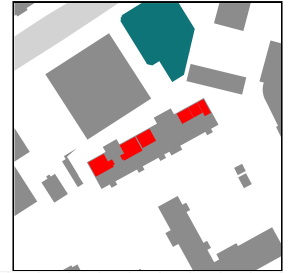
F00

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
37 CHAPELTOWN STREET BLOCK B								
F00	R1	RESIDENTIAL	UNKNOWN	12.1	66.7	67.5	-0.1	-1.1
F00	R2	RESIDENTIAL	UNKNOWN	12.8	53.2	58.7	-0.7	-10.3
F00	R3	RESIDENTIAL	UNKNOWN	16.4	60	47.8	2.0	20.3
F00	R4	RESIDENTIAL	UNKNOWN	23.0	94.3	92.2	0.5	2.2
F00	R5	RESIDENTIAL	UNKNOWN	33.4	85.8	86.1	-0.1	-0.4
F00	R6	RESIDENTIAL	UNKNOWN	35.4	88.6	88.5	0.0	0.1

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 37 CHAPELTOWN STREET BLOCK B
 DATE: 07/06/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-RELO3-IS03-DD24

KEY:

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



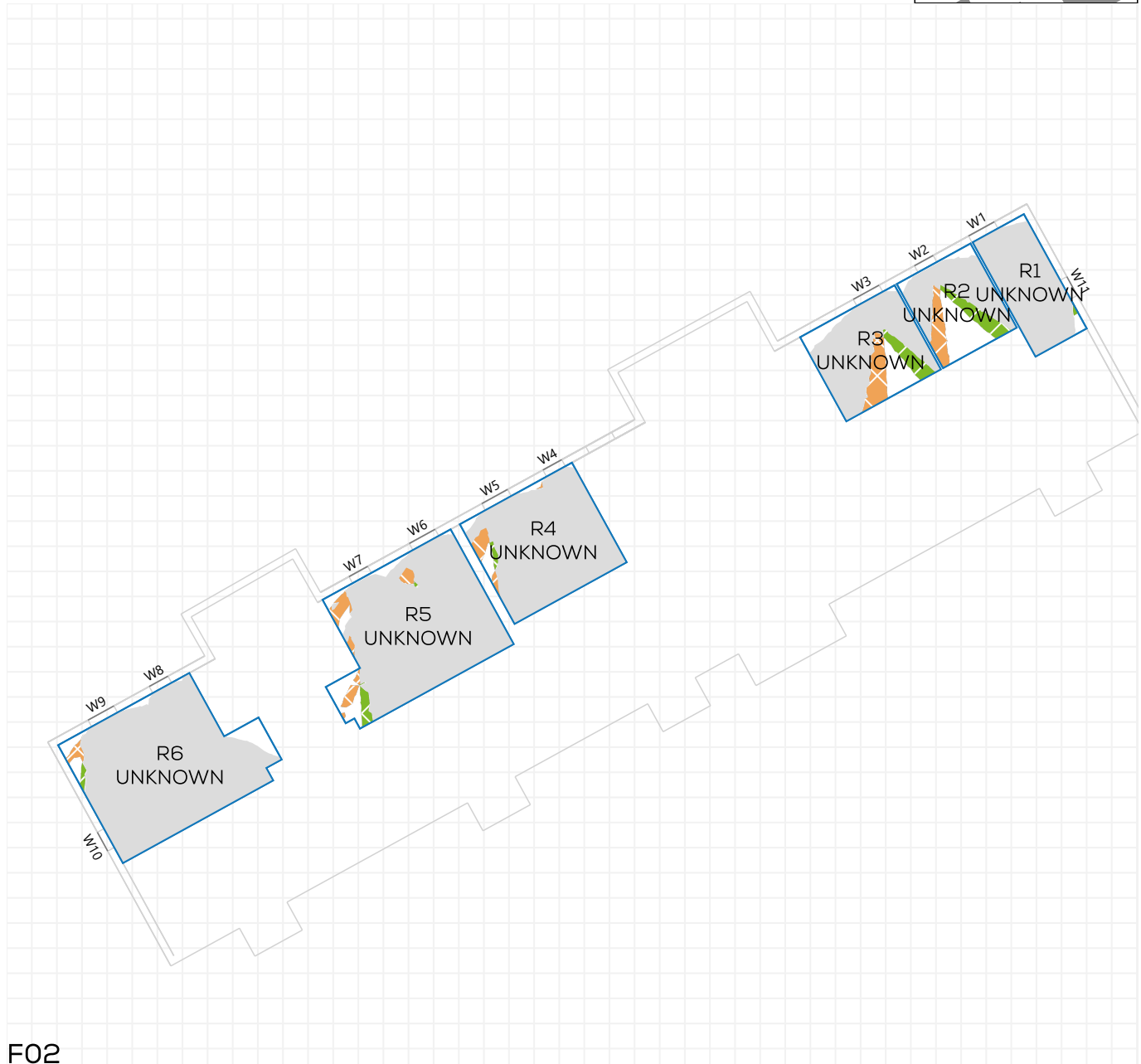
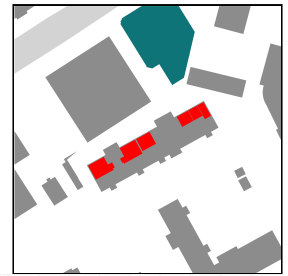
F01

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
37 CHAPELTOWN STREET BLOCK B								
F01	R1	RESIDENTIAL	UNKNOWN	12.1	95.6	96.5	-0.1	-1
F01	R2	RESIDENTIAL	UNKNOWN	12.8	60.6	61	0.0	-0.6
F01	R3	RESIDENTIAL	UNKNOWN	16.4	77.2	73.5	0.6	4.8
F01	R4	RESIDENTIAL	UNKNOWN	23.0	94.8	92.5	0.5	2.4
F01	R5	RESIDENTIAL	UNKNOWN	33.4	91.3	87.9	1.1	3.7
F01	R6	RESIDENTIAL	UNKNOWN	35.4	93.4	93	0.2	0.5

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 37 CHAPELTOWN STREET BLOCK B
 DATE: 07/06/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS03-DD25

KEY:

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



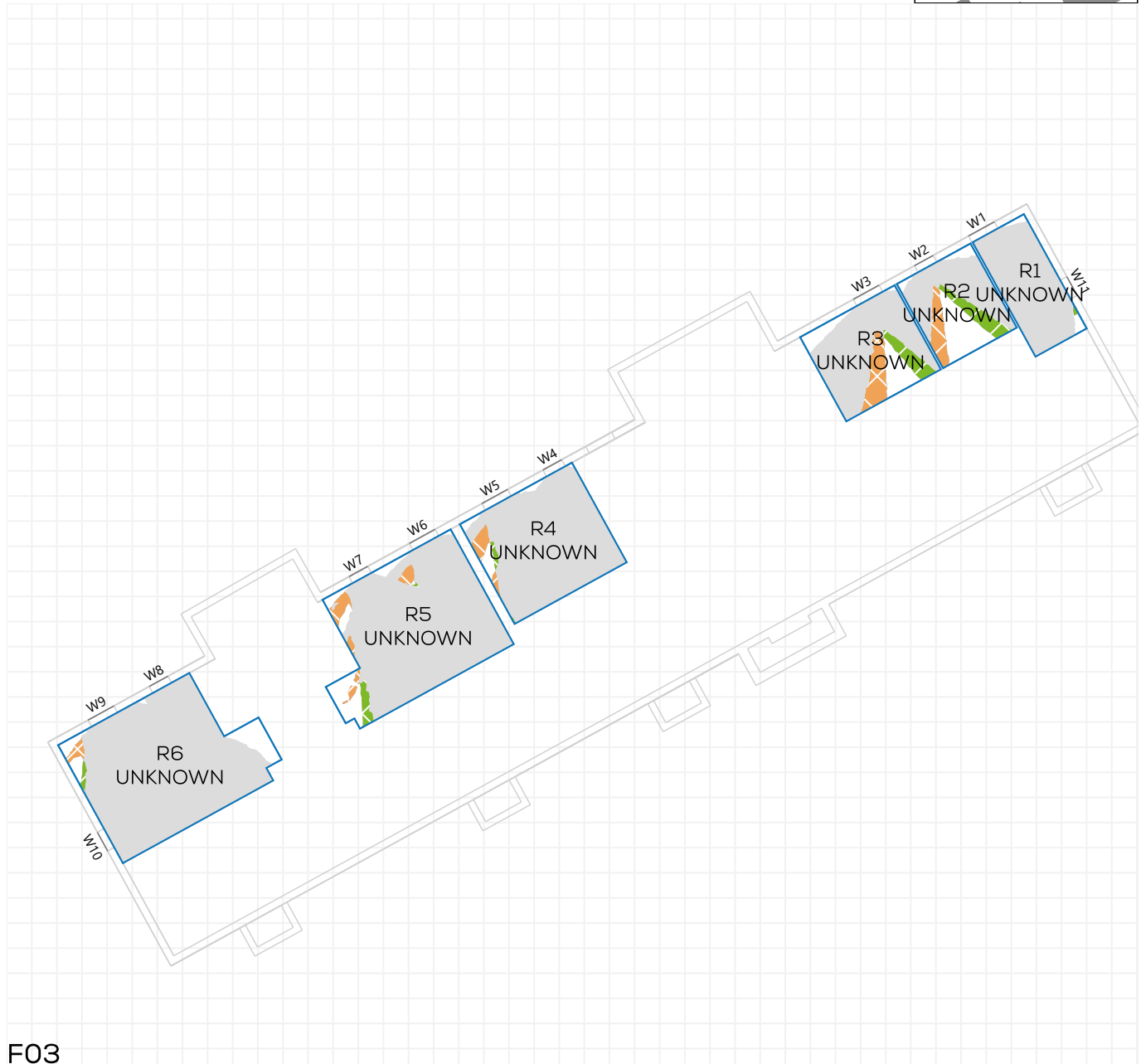
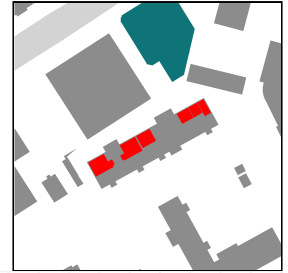
F02

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
37 CHAPELTOWN STREET BLOCK B								
F02	R1	RESIDENTIAL	UNKNOWN	12.1	96	96.5	-0.1	-0.5
F02	R2	RESIDENTIAL	UNKNOWN	12.8	61.1	61.5	0.0	-0.6
F02	R3	RESIDENTIAL	UNKNOWN	16.4	77	73.4	0.6	4.7
F02	R4	RESIDENTIAL	UNKNOWN	23.0	95.2	92.9	0.5	2.4
F02	R5	RESIDENTIAL	UNKNOWN	33.4	90.7	88	0.9	2.9
F02	R6	RESIDENTIAL	UNKNOWN	35.4	93	92.6	0.1	0.4

PROJECT: 1447 - STORE STREET, MANCHESTER
 REPORT TITLE: EXISTING VS. PROPOSED
 ADDRESS: 37 CHAPELTOWN STREET BLOCK B
 DATE: 07/06/2021
 SCHEME IR: IR12
 DRAWING No.: 1447-REL03-IS03-DD26

KEY:

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



F03

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM AREA-sqm	EXISTING %	PROPOSED %	LOSS-sqm	LOSS %
37 CHAPELTOWN STREET BLOCK B								
F03	R1	RESIDENTIAL	UNKNOWN	12.1	96	96.5	-0.1	-0.5
F03	R2	RESIDENTIAL	UNKNOWN	12.8	61.2	61.7	-0.1	-0.8
F03	R3	RESIDENTIAL	UNKNOWN	16.4	76.7	72.7	0.7	5.2
F03	R4	RESIDENTIAL	UNKNOWN	23.0	95.3	93	0.5	2.4
F03	R5	RESIDENTIAL	UNKNOWN	33.4	89.9	87.9	0.7	2.2
F03	R6	RESIDENTIAL	UNKNOWN	35.4	92.3	91.8	0.2	0.5

					VSC (WINDOW)					NSL					APSH (ROOM)						
FLOOR	ROOM	PROPERTY	ROOM	WINDOW	EX.	PR.	LOSS	LOSS	MEETS	EX.	PR.	LOSS	LOSS	MEETS	EX.		PR.		LOSS %		MEETS
		TYPE	USE		%	%		%	CRITERIA	%	%	SQM	%	CRITERIA	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	CRITERIA
WHARF CLOSE																					
F00	R3	RESIDENTIAL	LKD	W4/F00	25.4	25.6	-0.2	-0.8%	YES	90.6	91.7	-0.2	-1.2%	YES	53	18	55	18	-3.8%	0.0%	YES
	R4	RESIDENTIAL	KITCHEN (I)	W5/F00	25.1	25.3	-0.2	-0.8%	YES	95.5	95.5	0.0	0.0%	YES							
	R5	RESIDENTIAL	KITCHEN (I)	W6/F00	24.5	24.7	-0.2	-0.8%	YES	97.2	97.2	0.0	0.0%	YES							
	R6	RESIDENTIAL	LKD	W7/F00	23.9	24	-0.1	-0.4%	YES	96.9	97.1	0.0	-0.2%	YES	56	18	54	19	3.6%	-5.6%	YES
	R10	RESIDENTIAL	LKD	W12/F00	20.8	21.6	-0.8	-3.8%	YES	88.2	85.1	0.5	3.5%	YES	49	15	49	16	0.0%	-6.7%	YES
	R11	RESIDENTIAL	KITCHEN (I)	W13/F00	17.2	18.4	-1.2	-7.0%	YES	73.2	87.8	-1.1	-20.0%	YES							
	R12	RESIDENTIAL	LIVING ROOM	W14/F00	19	20.4	-1.4	-7.4%	YES	64.5	75.2	-1.7	-16.5%	YES	48	14	52	15	-8.3%	-7.1%	YES
	R13	RESIDENTIAL	LKD	W15/F00	18.3	19.3	-1	-5.5%	YES	62.1	64.7	-0.3	-4.3%	YES	47	11	51	13	-8.5%	-18.2%	YES
F01	R2	RESIDENTIAL	BEDROOM	W2/F01	23.7	23.9	-0.2	-0.8%	YES	80	81	-0.1	-1.3%	YES							
	R4	RESIDENTIAL	BEDROOM	W4/F01	26.4	26.6	-0.2	-0.8%	YES	95.8	95.9	0.0	-0.2%	YES							
	R5	RESIDENTIAL	BEDROOM	W5/F01	25.9	26	-0.1	-0.4%	YES	97.8	97.8	0.0	0.0%	YES							
	R7	RESIDENTIAL	BEDROOM	W7/F01	22.5	22.5	0	0.0%	YES	80.2	79.5	0.1	0.8%	YES							
	R9	RESIDENTIAL	BEDROOM	W9/F01	21.1	21.2	-0.1	-0.5%	YES	78.1	78.5	0.0	-0.5%	YES							
	R11	RESIDENTIAL	BEDROOM	W11/F01	18.2	19.5	-1.3	-7.1%	YES	70.1	78.4	-0.8	-11.8%	YES							
	R12	RESIDENTIAL	BEDROOM	W12/F01	20.1	21.5	-1.4	-7.0%	YES	85.6	90.5	-0.4	-5.8%	YES							
	R14	RESIDENTIAL	BEDROOM	W14/F01	19.5	20.5	-1	-5.1%	YES	64.2	67.8	-0.5	-5.6%	YES							
F02	R1	RESIDENTIAL	BEDROOM	W1/F02	24.8	24.9	-0.1	-0.4%	YES	94.8	94.8	0.0	0.0%	YES							
	R3	RESIDENTIAL	KITCHEN (I)	W3/F02	27.9	28	-0.1	-0.4%	YES	87.6	87.1	0.0	0.6%	YES							
	R4	RESIDENTIAL	KITCHEN (I)	W4/F02	27	27.1	-0.1	-0.4%	YES	90.9	91.2	0.0	-0.3%	YES							
	R6	RESIDENTIAL	BEDROOM	W6/F02	23.6	23.6	0	0.0%	YES	92.2	94.7	-0.2	-2.6%	YES							
	R7	RESIDENTIAL	BEDROOM	W7/F02	22.1	22.2	-0.1	-0.5%	YES	92.4	94.4	-0.1	-2.2%	YES							
	R9	RESIDENTIAL	KITCHEN (I)	W9/F02	21.3	22.6	-1.3	-6.1%	YES	90.8	92.3	-0.1	-1.6%	YES							
	R10	RESIDENTIAL	BEDROOM	W10/F02	21.1	22.6	-1.5	-7.1%	YES	70	81.1	-0.7	-15.8%	YES							
	R11	RESIDENTIAL	BEDROOM	W11/F02	20.6	21.9	-1.3	-6.3%	YES	85.5	91.9	-0.7	-7.6%	YES							
	R12	RESIDENTIAL	KITCHEN (I)	W12/F02	20.5	21.4	-0.9	-4.4%	YES	73.7	77.3	-0.3	-4.9%	YES							
F03	R2	RESIDENTIAL	BEDROOM	W2/F03	25.5	25.6	-0.1	-0.4%	YES	96.4	96.4	0.0	0.0%	YES							
	R4	RESIDENTIAL	KITCHEN (I)	W4/F03	28.7	28.7	0	0.0%	YES	90	89.7	0.0	0.3%	YES							
	R5	RESIDENTIAL	KITCHEN (I)	W5/F03	27.9	27.9	0	0.0%	YES	91.4	91.5	0.0	-0.1%	YES							
	R7	RESIDENTIAL	BEDROOM	W7/F03	24.3	24.2	0.1	0.4%	YES	92.1	94.6	-0.2	-2.7%	YES							
	R9	RESIDENTIAL	BEDROOM	W9/F03	22.7	22.7	0	0.0%	YES	92.5	94.5	-0.1	-2.2%	YES							
	R11	RESIDENTIAL	KITCHEN (I)	W11/F03	21.9	23.2	-1.3	-5.9%	YES	91.1	92.5	-0.1	-1.5%	YES							

(1) KITCHEN SMALLER THAN 13m2

(2) INC\HZ = SKY COMPONENT (INCLINED\HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

					VSC (WINDOW)					NSL					APSH (ROOM)						
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	EX.	PR.	LOSS	LOSS	MEETS	EX.	PR.	LOSS	LOSS	MEETS	EX.		PR.		LOSS %		MEETS
					%	%		%	CRITERIA	%	%	SQM	%	CRITERIA	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	CRITERIA

WHARF CLOSE (CONTINUED)

	R12	RESIDENTIAL	BEDROOM	W12/F03	21.8	23.2	-1.4	-6.4%	YES	70.8	81.7	-0.7	-15.4%	YES							
	R13	RESIDENTIAL	BEDROOM	W13/F03	21.2	22.4	-1.2	-5.7%	YES	85.4	92	-0.7	-7.6%	YES							
	R14	RESIDENTIAL	KITCHEN (1)	W14/F03	21.3	22.1	-0.8	-3.8%	YES	73.6	77.3	-0.3	-5.0%	YES							
F04	R1	RESIDENTIAL	BEDROOM	W1/F04	20.1	20.1	0	0.0%	YES	96.7	96.7	0.0	0.0%	YES							
	R3	RESIDENTIAL	KITCHEN (1)	W3/F04	21.4	21.6	-0.2	-0.9%	YES	88	88.9	-0.1	-1.0%	YES							
	R4	RESIDENTIAL	KITCHEN (1)	W4/F04	20.6	20.8	-0.2	-1.0%	YES	90.1	90.3	0.0	-0.2%	YES							
	R6	RESIDENTIAL	BEDROOM	W6/F04	17.9	18.2	-0.3	-1.7%	YES	90.1	92.4	-0.2	-2.5%	YES							
	R7	RESIDENTIAL	BEDROOM	W7/F04	15.8	15.9	-0.1	-0.6%	YES	90.6	92.7	-0.1	-2.3%	YES							
	R9	RESIDENTIAL	KITCHEN (1)	W9/F04	14.1	15.7	-1.6	-11.3%	YES	90.2	91.6	-0.1	-1.6%	YES							
	R10	RESIDENTIAL	BEDROOM	W10/F04	14.4	16.2	-1.8	-12.5%	YES	68.5	79.5	-0.7	-16.1%	YES							
	R11	RESIDENTIAL	BEDROOM	W11/F04	14	15.6	-1.6	-11.4%	YES	85.2	91.7	-0.7	-7.6%	YES							
	R12	RESIDENTIAL	KITCHEN (1)	W12/F04	14.4	15.4	-1	-6.9%	YES	73.8	77.5	-0.3	-5.0%	YES							

19-26 THOMAS TELFORD BASIN

F00	R1	RESIDENTIAL	BEDROOM	W1/F00	23	17.9	5.1	22.2%	NO	96	91.7	0.7	4.5%	YES							
			BEDROOM	W9/F00	25	20.5	4.5	18.0%	YES												
	R4	RESIDENTIAL	BEDROOM	W4/F00	26.9	24.4	2.5	9.3%	YES	97.8	97.2	0.1	0.7%	YES							
			BEDROOM	W5/F00	34.8	34.8	0	0.0%	YES												
	R5	RESIDENTIAL	LIVING ROOM	W6/F00	24.6	24.6	0	0.0%	YES	98.9	98.6	0.0	0.2%	YES	66	17	64	17	3.0%	0.0%	YES
			LIVING ROOM	W7/F00	25.3	23.1	2.2	8.7%	YES												
	R6	RESIDENTIAL	KITCHEN (1)	W8/F00	25.6	22.4	3.2	12.5%	YES	94.1	91.1	0.2	3.2%	YES							
F01	R1	RESIDENTIAL	BEDROOM	W1/F01	23.7	18.3	5.4	22.8%	NO	99.7	99	0.1	0.7%	YES							
			BEDROOM	W9/F01	27.2	22.4	4.8	17.6%	YES												
	R4	RESIDENTIAL	BEDROOM	W4/F01	27.7	25.1	2.6	9.4%	YES	98.1	97.7	0.1	0.5%	YES							
			BEDROOM	W5/F01	35.8	35.8	0	0.0%	YES												
	R5	RESIDENTIAL	LIVING ROOM	W6/F01	27.5	27.5	0	0.0%	YES	99.1	98.8	0.0	0.3%	YES	71	19	69	19	2.8%	0.0%	YES
			LIVING ROOM	W7/F01	27.7	25.4	2.3	8.3%	YES												
	R6	RESIDENTIAL	KITCHEN (1)	W8/F01	27.8	24.5	3.3	11.9%	YES	95.3	92.3	0.2	3.2%	YES							
F02	R1	RESIDENTIAL	BEDROOM	W1/F02	24.4	18.7	5.7	23.4%	NO	99.7	99.7	0.0	0.0%	YES							
			BEDROOM	W9/F02	29.2	24.2	5	17.1%	YES												
	R4	RESIDENTIAL	BEDROOM	W4/F02	28.4	25.6	2.8	9.9%	YES	98.1	97.8	0.0	0.3%	YES							

					VSC (WINDOW)					NSL					APSH (ROOM)							
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	EX.	PR.	LOSS	LOSS	MEETS	EX.	PR.	LOSS	LOSS	MEETS	EX.		PR.		LOSS %		MEETS	
					%	%		%	CRITERIA	%	%	SQM	%	CRITERIA	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	CRITERIA	
19-26 THOMAS TELFORD BASIN (CONTINUED)																						
			BEDROOM	W5/F02	36.8	36.8	0	0.0%	YES													
	R5	RESIDENTIAL	LIVING ROOM	W6/F02	30.6	30.6	0	0.0%	YES	99	98.6	0.0	0.4%	YES	78	23	76	23	2.6%	0.0%	YES	
			LIVING ROOM	W7/F02	30.2	27.8	2.4	7.9%	YES													
	R6	RESIDENTIAL	KITCHEN (I)	W8/F02	30	26.5	3.5	11.7%	YES	95.5	92.3	0.3	3.3%	YES								
F03	R1	RESIDENTIAL	BEDROOM	W1/F03	25.1	19.2	5.9	23.5%	NO	99.7	99.7	0.0	0.0%	YES								
			BEDROOM	W9/F03	31.3	26.2	5.1	16.3%	YES													
	R4	RESIDENTIAL	BEDROOM	W4/F03	29.3	26.2	3.1	10.6%	YES	97.7	96.9	0.1	0.8%	YES								
			BEDROOM	W5/F03	37.5	37.5	0	0.0%	YES													
	R5	RESIDENTIAL	LIVING ROOM	W6/F03	33.5	33.5	0	0.0%	YES	99.4	98.6	0.1	0.7%	YES	81	26	79	26	2.5%	0.0%	YES	
			LIVING ROOM	W7/F03	32.8	30.3	2.5	7.6%	YES													
	R6	RESIDENTIAL	KITCHEN (I)	W8/F03	32.3	28.7	3.6	11.1%	YES	94.9	91.1	0.3	4.1%	YES	70	25	64	25	8.6%	0.0%	YES	
27-34 THOMAS TELFORD BASIN																						
F00	R1	RESIDENTIAL	BEDROOM	W1/F00	27.2	27.2	0	0.0%	YES	98.9	98.9	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			BEDROOM	W2/F00	20.4	18	2.4	11.8%	YES													
	R4	RESIDENTIAL	BEDROOM	W5/F00	22.2	20.8	1.4	6.3%	YES	95.1	95.5	-0.1	-0.5%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
F01	R1	RESIDENTIAL	BEDROOM	W1/F01	30.2	30.2	0	0.0%	YES	99.6	99.6	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			BEDROOM	W2/F01	23.2	20.6	2.6	11.2%	YES													
	R4	RESIDENTIAL	BEDROOM	W5/F01	24.8	23.2	1.6	6.5%	YES	96.3	96.7	-0.1	-0.5%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
F02	R1	RESIDENTIAL	BEDROOM	W1/F02	33.2	33.1	0.1	0.3%	YES	99.6	99.6	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			BEDROOM	W2/F02	26	23.2	2.8	10.8%	YES													
	R4	RESIDENTIAL	BEDROOM	W5/F02	27.2	25.4	1.8	6.6%	YES	96.8	97.1	0.0	-0.2%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
F03	R1	RESIDENTIAL	BEDROOM	W1/F03	36	36	0	0.0%	YES	99.6	99.6	0.0	0.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			BEDROOM	W2/F03	29	26	3	10.3%	YES													
	R4	RESIDENTIAL	BEDROOM	W5/F03	29.5	27.5	2	6.8%	YES	96.6	96.9	0.0	-0.3%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
35-40 THOMAS TELFORD BASIN																						
F00	R1	RESIDENTIAL	KITCHEN (I)	W1/F00	28.7	28.5	0.2	0.7%	YES	94.5	94.5	0.0	0.0%	YES								
	R2	RESIDENTIAL	LKD	W2/F00	28.6	28.4	0.2	0.7%	YES	97.3	96.9	0.1	0.5%	YES	51	14	51	14	0.0%	0.0%	YES	
			LKD	W3/F00	28	27.7	0.3	1.1%	YES													
	R3	RESIDENTIAL	LKD	W4/F00	27.8	27.6	0.2	0.7%	YES	97.3	96.8	0.1	0.5%	YES	51	16	51	16	0.0%	0.0%	YES	

(1) KITCHEN SMALLER THAN 13m2

(2) INC\HZ = SKY COMPONENT (INCLINED\HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

					VSC (WINDOW)					NSL					APSH (ROOM)							
FLOOR	ROOM	PROPERTY	ROOM	WINDOW	EX	PR	LOSS	LOSS	MEETS	EX	PR	LOSS	LOSS	MEETS	EX		PR		LOSS %		MEETS	
		TYPE	USE		%	%		%	CRITERIA	%	%	SQM	%	CRITERIA	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER		CRITERIA
35-40 THOMAS TELFORD BASIN (CONTINUED)																						
			LKD	W5/F00	28	27.7	0.3	11%	YES													
	R4	RESIDENTIAL	KITCHEN (1)	W6/F00	27.7	27.5	0.2	0.7%	YES	94.4	94.1	0.0	0.3%	YES								
	R6	RESIDENTIAL	LKD	W8/F00	26.6	26.5	0.1	0.4%	YES	93.8	93.1	0.1	0.8%	YES	49	16	49	16	0.0%	0.0%	YES	
			LKD	W9/F00	26	25.8	0.2	0.8%	YES													
	R7	RESIDENTIAL	BEDROOM	W10/F00	24.8	24.4	0.4	1.6%	YES	74.8	79.6	-0.5	-6.4%	YES								
	R8	RESIDENTIAL	BEDROOM	W11/F00	21.2	20.2	1	4.7%	YES	72.9	76.2	-0.5	-4.5%	YES								
F01	R1	RESIDENTIAL	KITCHEN (1)	W1/F01	31	30.8	0.2	0.6%	YES	94.6	94.6	0.0	0.0%	YES								
	R2	RESIDENTIAL	LKD	W2/F01	30.8	30.6	0.2	0.6%	YES	97.4	97	0.1	0.4%	YES	54	16	54	16	0.0%	0.0%	YES	
			LKD	W3/F01	29.7	29.4	0.3	1.0%	YES													
	R3	RESIDENTIAL	LKD	W4/F01	29.5	29.3	0.2	0.7%	YES	97.5	97	0.1	0.5%	YES	55	18	55	18	0.0%	0.0%	YES	
			LKD	W5/F01	30.1	29.9	0.2	0.7%	YES													
	R4	RESIDENTIAL	KITCHEN (1)	W6/F01	30	29.8	0.2	0.7%	YES	94.4	94.3	0.0	0.1%	YES								
	R5	RESIDENTIAL	UNKNOWN	W7/F01	27.6	27.3	0.3	1.1%	YES	99.5	99.2	0.0	0.3%	YES	41	12	41	12	0.0%	0.0%	YES	
	R6	RESIDENTIAL	LKD	W8/F01	28.9	28.7	0.2	0.7%	YES	96.3	95.3	0.2	1.1%	YES	55	18	55	18	0.0%	0.0%	YES	
			LKD	W9/F01	28.2	28	0.2	0.7%	YES													
	R7	RESIDENTIAL	BEDROOM	W10/F01	27.2	26.7	0.5	1.8%	YES	75.8	79.8	-0.4	-5.3%	YES								
	R8	RESIDENTIAL	BEDROOM	W11/F01	23.9	22.9	1	4.2%	YES	74.7	79.5	-0.7	-6.5%	YES								
F02	R1	RESIDENTIAL	KITCHEN (1)	W1/F02	33.3	33.2	0.1	0.3%	YES	94.7	94.7	0.0	0.0%	YES								
	R2	RESIDENTIAL	LKD	W2/F02	33.1	33	0.1	0.3%	YES	98.3	98	0.1	0.4%	YES	59	19	59	19	0.0%	0.0%	YES	
			LKD	W3/F02	29.6	29.8	-0.2	-0.7%	YES													
			LKD	W13/F02	27.7	27.4	0.3	1.1%	YES													
	R3	RESIDENTIAL	LKD	W4/F02	29.4	29.1	0.3	1.0%	YES	98.7	98.6	0.0	0.1%	YES	58	20	58	20	0.0%	0.0%	YES	
			LKD	W5/F02	32.4	32.1	0.3	0.9%	YES													
			LKD	W12/F02	27.5	27.3	0.2	0.7%	YES													
	R4	RESIDENTIAL	KITCHEN (1)	W6/F02	32.3	32	0.3	0.9%	YES	94.4	94.4	0.0	0.1%	YES								
	R5	RESIDENTIAL	UNKNOWN	W7/F02	29.9	29.6	0.3	1.0%	YES	99.5	99.1	0.0	0.4%	YES	44	13	44	13	0.0%	0.0%	YES	
	R6	RESIDENTIAL	LKD	W8/F02	31.3	31	0.3	1.0%	YES	98.5	97.5	0.2	1.0%	YES	58	20	58	20	0.0%	0.0%	YES	
			LKD	W9/F02	30.6	30.3	0.3	1.0%	YES													
	R7	RESIDENTIAL	BEDROOM	W10/F02	29.6	29	0.6	2.0%	YES	76.4	79.8	-0.4	-4.5%	YES								
	R8	RESIDENTIAL	BEDROOM	W11/F02	26.1	25	1.1	4.2%	YES	74.9	79.4	-0.6	-6.0%	YES								
F03	R1	RESIDENTIAL	LKD	W1/F03	35.2	35	0.2	0.6%	YES	70	72.5	-0.5	-3.5%	YES	62	21	62	21	0.0%	0.0%	YES	

(1) KITCHEN SMALLER THAN 13m2

(2) INC\HZ = SKY COMPONENT (INCLINED\HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

					VSC (WINDOW)					NSL					APSH (ROOM)							
FLOOR	ROOM	PROPERTY	ROOM	WINDOW	EX.	PR.	LOSS	LOSS	MEETS	EX.	PR.	LOSS	LOSS	MEETS	EX.		PR.		LOSS %		MEETS	
		TYPE	USE		%	%		%	CRITERIA	%	%	SQM	%	CRITERIA	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	CRITERIA	
35-40 THOMAS TELFORD BASIN (CONTINUED)																						
	R2	RESIDENTIAL	LKD	W2/F03	35	34.8	0.2	0.6%	YES	73.1	73.1	0.0	0.0%	YES	62	21	62	21	0.0%	0.0%	YES	
37 CHAPELTOWN STREET BLOCK A																						
F00	R1	RESIDENTIAL	UNKNOWN	W1/F00	26.4	25.7	0.7	2.7%	YES	92.9	93.3	-0.1	-0.4%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			UNKNOWN	W2/F00	26.4	25.7	0.7	2.7%	YES													
	R2	RESIDENTIAL	UNKNOWN	W3/F00	26.4	25.7	0.7	2.7%	YES	93.9	93.5	0.0	0.3%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R3	RESIDENTIAL	UNKNOWN	W4/F00	10.8	10.3	0.5	4.6%	YES	70.5	70.6	0.0	-0.1%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R4	RESIDENTIAL	UNKNOWN	W5/F00	18	17.9	0.1	0.6%	YES	93	93	0.0	0.0%	YES	45	9	45	9	0.0%	0.0%	YES	
			UNKNOWN	W6/F00 / INC (2)	27	27	0	0.0%	YES													
			UNKNOWN	W7/F00 / INC (2)	26.9	26.9	0	0.0%	YES													
F01	R1	RESIDENTIAL	UNKNOWN	W1/F01	29.4	28.7	0.7	2.4%	YES	90.1	89.9	0.0	0.2%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R2	RESIDENTIAL	UNKNOWN	W2/F01	29	28.4	0.6	2.1%	YES	88.9	88.4	0.1	0.7%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R3	RESIDENTIAL	UNKNOWN	W3/F01	12	11.4	0.6	5.0%	YES	70.5	70.6	0.0	-0.2%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R4	RESIDENTIAL	UNKNOWN	W4/F01	22.3	21.7	0.6	2.7%	YES	96.9	96.9	0.0	0.0%	YES	49	13	49	13	0.0%	0.0%	YES	
			UNKNOWN	W5/F01	29.8	29.8	0	0.0%	YES													
F02	R1	RESIDENTIAL	UNKNOWN	W1/F02	32.2	31.6	0.6	1.9%	YES	97.4	97.7	-0.1	-0.3%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R2	RESIDENTIAL	UNKNOWN	W2/F02	31.9	31.3	0.6	1.9%	YES	99.1	99.4	0.0	-0.3%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R3	RESIDENTIAL	UNKNOWN	W3/F02	13.7	13.1	0.6	4.4%	YES	77	76.9	0.0	0.1%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R4	RESIDENTIAL	UNKNOWN	W4/F02	27.1	26.2	0.9	3.3%	YES	97.3	97.2	0.0	0.2%	YES	53	15	53	15	0.0%	0.0%	YES	
			UNKNOWN	W5/F02	32.5	32.5	0	0.0%	YES													
F03	R1	RESIDENTIAL	UNKNOWN	W1/F03	34.6	34	0.6	1.7%	YES	97.4	97.7	-0.1	-0.3%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R2	RESIDENTIAL	UNKNOWN	W2/F03	34.5	33.9	0.6	1.7%	YES	99.1	99.4	0.0	-0.2%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R3	RESIDENTIAL	UNKNOWN	W3/F03	15.4	14.8	0.6	3.9%	YES	80.9	80.8	0.0	0.1%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R4	RESIDENTIAL	UNKNOWN	W4/F03	32	31.1	0.9	2.8%	YES	98.4	97.4	0.1	1.1%	YES	58	18	58	18	0.0%	0.0%	YES	
			UNKNOWN	W5/F03	35	35	0	0.0%	YES													
F04	R1	RESIDENTIAL	UNKNOWN	W1/F04	33.1	32.5	0.6	1.8%	YES	96.6	96.9	0.0	-0.2%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R2	RESIDENTIAL	UNKNOWN	W2/F04	33	32.5	0.5	1.5%	YES	96.1	96.8	-0.1	-0.7%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R3	RESIDENTIAL	LKD	W3/F04	14.5	14.3	0.2	1.4%	YES	98.2	98.7	-0.1	-0.5%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			LKD	W4/F04	2.6	2.6	0	0.0%	YES													
			LKD	W5/F04	4.9	4.8	0.1	2.0%	YES													
			LKD	W6/F04	12.1	11.1	1	8.3%	YES													

(1) KITCHEN SMALLER THAN 13m2

(2) INC\HZ = SKY COMPONENT (INCLINED\HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

					VSC (WINDOW)					NSL					APSH (ROOM)							
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	EX	PR	LOSS	LOSS	MEETS	EX	PR	LOSS	LOSS	MEETS	EX		PR		LOSS %		MEETS	
					%	%		%	CRITERIA	%	%	SQM	%	CRITERIA	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	CRITERIA	
37 CHAPELTOWN STREET BLOCK B																						
F00	R1	RESIDENTIAL	UNKNOWN	W1/F00	16.3	16	0.3	1.8%	YES	66.7	67.5	-0.1	-11%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			UNKNOWN	W11/F00	22	21.7	0.3	1.4%	YES													
	R2	RESIDENTIAL	UNKNOWN	W2/F00	17.6	17.3	0.3	1.7%	YES	53.2	58.7	-0.7	-10.3%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			UNKNOWN	W3/F00	18.6	17.6	1	5.4%	YES	60	47.8	2.0	20.3%	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R4	RESIDENTIAL	UNKNOWN	W4/F00	23.8	22.6	1.2	5.0%	YES	94.3	92.2	0.5	2.2%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			UNKNOWN	W5/F00	25.4	24.4	1	3.9%	YES													
	R5 (3)	RESIDENTIAL	UNKNOWN	W6/F00	25.7	25.1	0.6	2.3%	YES	85.8	86.1	-0.1	-0.4%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			UNKNOWN	W7/F00	22	21.6	0.4	1.8%	YES													
	R6	RESIDENTIAL	UNKNOWN	W8/F00	27.5	28.3	-0.8	-2.9%	YES	88.6	88.5	0.0	0.1%	YES	57	15	57	15	0.0%	0.0%	YES	
			UNKNOWN	W9/F00	29.3	29.6	-0.3	-1.0%	YES													
			UNKNOWN	W10/F00	31.8	31.8	0	0.0%	YES													
F01	R1	RESIDENTIAL	UNKNOWN	W1/F01	20.2	18.9	1.3	6.4%	YES	95.6	96.5	-0.1	-1.0%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			UNKNOWN	W11/F01	27.4	26.9	0.5	1.8%	YES													
	R2	RESIDENTIAL	UNKNOWN	W2/F01	21.1	19.5	1.6	7.6%	YES	60.6	61	0.0	-0.6%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			UNKNOWN	W3/F01	20.5	19.2	1.3	6.3%	YES	77.2	73.5	0.6	4.8%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R4	RESIDENTIAL	UNKNOWN	W4/F01	24.7	23.4	1.3	5.3%	YES	94.8	92.5	0.5	2.4%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			UNKNOWN	W5/F01	26.3	25.3	1	3.8%	YES													
	R5 (3)	RESIDENTIAL	UNKNOWN	W6/F01	26.7	26	0.7	2.6%	YES	91.3	87.9	1.1	3.7%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			UNKNOWN	W7/F01	23	22.6	0.4	1.7%	YES													
	R6	RESIDENTIAL	UNKNOWN	W8/F01	28.3	29.1	-0.8	-2.8%	YES	93.4	93	0.2	0.5%	YES	59	17	59	17	0.0%	0.0%	YES	
			UNKNOWN	W9/F01	30.3	30.5	-0.2	-0.7%	YES													
			UNKNOWN	W10/F01	33	33	0	0.0%	YES													
F02	R1	RESIDENTIAL	UNKNOWN	W1/F02	22.4	20.5	1.9	8.5%	YES	96	96.5	-0.1	-0.5%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			UNKNOWN	W11/F02	30.9	30.3	0.6	1.9%	YES													
	R2	RESIDENTIAL	UNKNOWN	W2/F02	22.4	20.7	1.7	7.6%	YES	61.1	61.5	0.0	-0.6%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			UNKNOWN	W3/F02	21.6	20.2	1.4	6.5%	YES	77	73.4	0.6	4.7%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	R4	RESIDENTIAL	UNKNOWN	W4/F02	25.6	24.2	1.4	5.5%	YES	95.2	92.9	0.5	2.4%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			UNKNOWN	W5/F02	27.3	26.2	1.1	4.0%	YES													
	R5 (3)	RESIDENTIAL	UNKNOWN	W6/F02	27.7	27	0.7	2.5%	YES	90.7	88	0.9	2.9%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
UNKNOWN			W7/F02	24	23.4	0.6	2.5%	YES														

					VSC (WINDOW)					NSL					APSH (ROOM)						
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	EX	PR	LOSS	LOSS	MEETS	EX	PR	LOSS	LOSS	MEETS	EX		PR		LOSS %		MEETS
					%	%		%	CRITERIA	%	%	SQM	%	CRITERIA	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	CRITERIA
37 CHAPELTOWN STREET BLOCK B (CONTINUED)																					
	R6	RESIDENTIAL	UNKNOWN	W8/F02	29.1	29.8	-0.7	-2.4%	YES	93	92.6	0.1	0.4%	YES	62	20	62	20	0.0%	0.0%	YES
			UNKNOWN	W9/F02	31.2	31.4	-0.2	-0.6%	YES												
			UNKNOWN	W10/F02	34	34	0	0.0%	YES												
F03	R1	RESIDENTIAL	UNKNOWN	W1/F03	23.9	21.6	2.3	9.6%	YES	96	96.5	-0.1	-0.5%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	W11/F03	33.6	33.1	0.5	1.5%	YES												
	R2	RESIDENTIAL	UNKNOWN	W2/F03	23.7	21.7	2	8.4%	YES	61.2	61.7	-0.1	-0.8%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	UNKNOWN	W3/F03	23.1	21.3	1.8	7.8%	YES	76.7	72.7	0.7	5.2%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN	W4/F03	26.8	25.3	1.5	5.6%	YES	95.3	93	0.5	2.4%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	W5/F03	28.6	27.3	1.3	4.5%	YES												
	R5 (3)	RESIDENTIAL	UNKNOWN	W6/F03	28.9	28	0.9	3.1%	YES	89.9	87.9	0.7	2.2%	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	W7/F03	24.9	24.3	0.6	2.4%	YES												
	R6	RESIDENTIAL	UNKNOWN	W8/F03	29.9	30.4	-0.5	-1.7%	YES	92.3	91.8	0.2	0.5%	YES	64	22	64	22	0.0%	0.0%	YES
			UNKNOWN	W9/F03	32.2	32.2	0	0.0%	YES												
			UNKNOWN	W10/F03	35	35	0	0.0%	YES												

(1) KITCHEN SMALLER THAN 13m2
(2) INC\HZ = SKY COMPONENT (INCLINED\HORIZONTAL WINDOWS)
(3) SINGLE ASPECT ROOM DEEPER THAN 5m

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