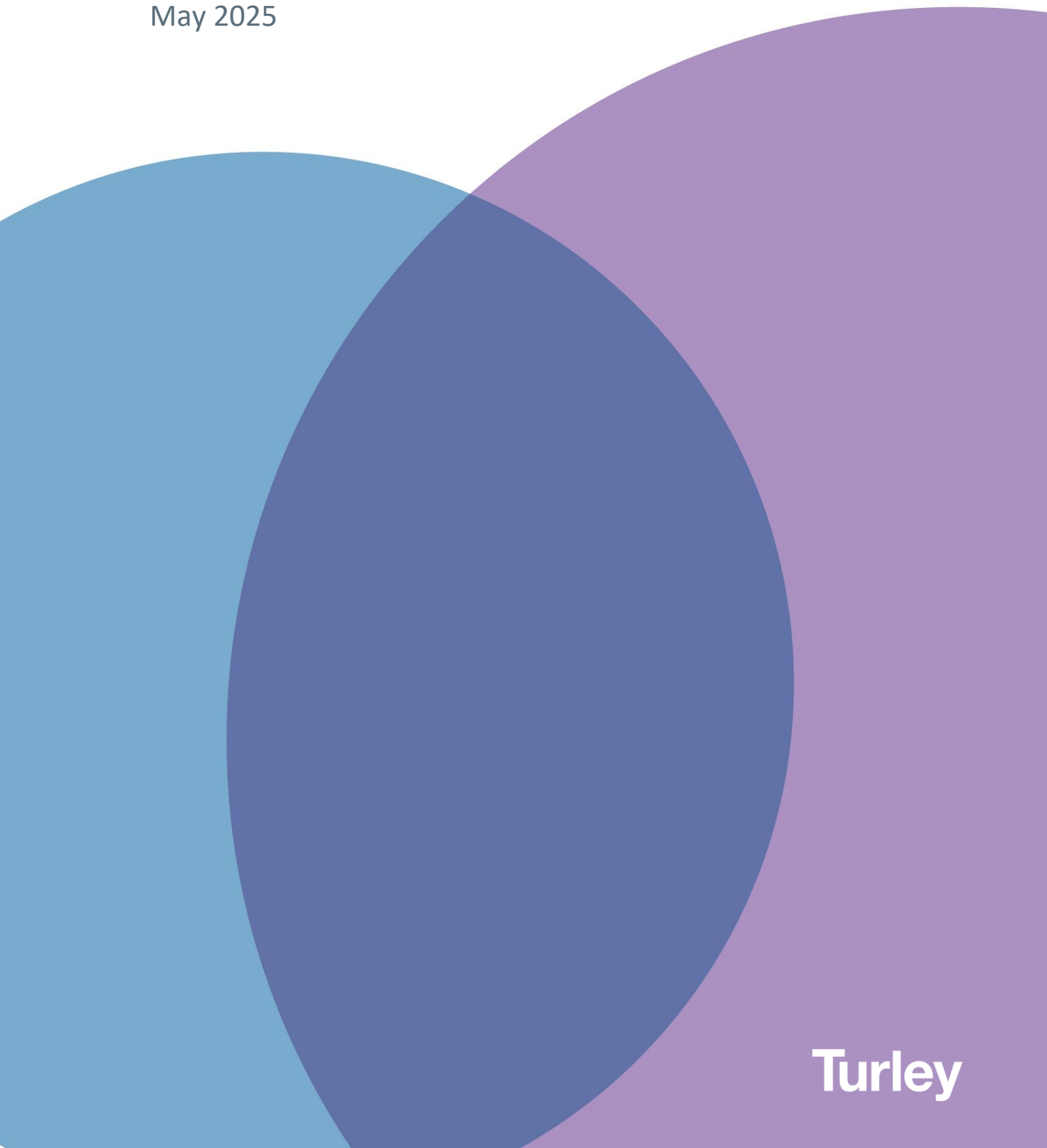


Hotspur Press, Manchester

Environmental Statement Supplement

May 2025



Turley

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1. Introduction

Background

- 1.1 The Applicant, Manner ("the Applicant"), submitted a detailed planning application to Manchester City Council (MCC) in December 2023 for a Purpose-Built Student Accommodation (PBSA) development, known as "Hotspur Press" (Ref: 138805/FO/2023). This application was supported by an Environmental Statement (ES) prepared in accordance with the Town and Country Planning (Environmental Impact Assessment) Regulations 2017 (as amended) ("EIA Regulations"). The determination of the application is currently pending.
- 1.2 In October 2024, supplementary information was submitted in response to feedback from the Environment Agency. Specifically, Paragraph 14.64 of Volume 1, Chapter 14: Flood Risk and Drainage, was revised to address this feedback, and Volume 1 was resubmitted in its entirety to ensure completeness. The remainder of the ES remained as originally submitted in December 2023.
- 1.3 Since the original submission and the subsequent supplementary information, a small number of design changes have been made to the Proposed Scheme. These changes necessitate the preparation of supplementary information, including updates to the ES, to reflect the revised scheme.

ES Supplement Purpose, Scope and Approach

- 1.4 This ES Supplement has been prepared to address the implications of the Proposed Changes (described in Section 3) on the environmental assessment presented in the submitted ES. Its purpose is to:
 - Evaluate whether the Proposed Changes result in any new or amended significant environmental effects, focusing on key areas affected by the revisions.
 - Confirm the validity of conclusions in the original ES, ensuring that only affected technical topics are updated.
 - Provide supplementary evaluation, narrative, and technical input for topics where the Proposed Changes influence previously reported findings.
 - Present this information in a concise format that complements the original ES and enables MCC to make a robust determination of the likely significant environmental effects of the revised scheme.
- 1.5 This ES Supplement has been prepared by the original project team, whose expertise and familiarity with the project ensures consistency with the submitted ES. Together, the submitted ES and this Supplement meet the requirements of Regulation 18, Paragraphs 3–4, and Schedule 4 of the EIA Regulations.

- 1.6 In accordance with Regulation 25 of the EIA Regulations, this ES Supplement will be subject to a minimum 30-day consultation period, ensuring that all stakeholders have an opportunity to review and comment before MCC's determination.

2. The Proposed Changes

Introduction and Context

- 2.1 This Chapter provide an overview of the Proposed Changes, which should be considered alongside **Chapter 4: Development Specification** of the submitted ES.
- 2.2 The ES, as outlined in **Chapter 4**, was accompanied by a series of plans, some of which have since been updated to reflect the Proposed Changes. These revised plans are included in the supplementary information package submitted to MCC. To assist the reader in understanding these updates, **Table 3.1** provides a clear comparison between the original ES figures and plan names, and their corresponding updated versions. The table also highlights where plans have been newly prepared or modified, with references to the updated drawing details provided in the supplementary package. These revised plans are intended to replace the corresponding plans originally submitted with the ES.
- 2.3 **Table 3.1** demonstrates that the Proposed Changes have led to adjustments in the submitted plans. These include the removal or consolidation of some plans due to simplifications in the design of the proposed tower, as well as amendments to plan titles. Justifications and clarifications for these updates are detailed within the table. Additionally, some figure references have been partially renumbered to align with the revised plans. The specific amendments, along with their rationale, are clearly outlined in **Table 3.1** for ease of reference.
- 2.4 By presenting these changes and updates in a structured manner, this chapter aims to provide a clear and comprehensive understanding of the revisions to the plans.

Table 2.1: List of Plans Submitted with the ES

Original ES Figure and Plan	Amended	Updated ES Figure and Plan
Figure 4.1: Existing Site Plan	N	n/a
Figure 4.2: Proposed Site Plan	Y	Figure 4.2: Proposed Site Plan
Figure 4.3: Demolition Plan (Basement)	Y	Figure 4.3: Demolition Plan (Basement)
Figure 4.4: Demolition Plan (Ground Floor)	Y	Figure 4.4: Demolition Plan (Ground Floor)
Figure 4.5: Demolition Plan (Upper Ground Floor)		
<i>Plan no longer required and removed.</i>		
Figure 4.6: Demolition Plan (Level 01)	Y	Figure 4.5: Demolition Plan (Level 01)
Figure 4.7: Demolition Plan (Level 02)	Y	Figure 4.6: Demolition Plan (Level 02)
Figure 4.8: Demolition Plan (Level 03)	Y	Figure 4.7: Demolition Plan (Level 03)

Original ES Figure and Plan	Amended	Updated ES Figure and Plan
03)		
Figure 4.9: Demolition Elevations	Y	Figure 4.8: Demolition Elevations
Figure 4.10: Demolition North Elevations	Y	Figure 4.9: Demolition North Elevations
Figure 4.11: Demolition East Elevations	Y	Figure 4.10: Demolition East Elevations
Figure 4.12: Demolition South Elevations	Y	Figure 4.11: Demolition South Elevations
Figure 4.13: Demolition West Elevations	Y	Figure 4.12: Demolition West Elevations
Figure 4.14: Lower Ground Floor Plan	Y	Figure 4.13: Lower Ground Floor Plan
Figure 4.15: Ground Floor Plan	Y	Figure 4.14: Ground Floor Plan
Figure 4.16: Ground Floor Mezzanine Plan	Y	Figure 4.15: Ground Floor Mezzanine Plan
Figure 4.17: Level 01 and Level 02 Plan	Y	Figure 4.16: Level 01 and Level 02 Plan
Figure 4.18: Level 03 Plan	Y	Figure 4.17: Level 03 Plan
Figure 4.19: Level 04 Plan	Y	Figure 4.18: Level 04 Plan
Figure 4.20: Typical Floor Plan (Levels 05, 09, 13, 17)	Plans no longer required and replaced with two simplified drawings, namely: • Figure 4.19: Levels 05 -33 (Odd Floors) • Figure 4.20: Levels 06-32 (Even Floors)	
Figure 4.21: Typical Floor Plan (Levels 06-08, 10-12, 14-16)		
Figure 4.22: Level 18 Plan		
Figure 4.23: Typical Floor Plan (Levels 19-25)		
Figure 4.24: Typical Floor Plan (Levels 26, 30, 34)		
Figure 4.25: Typical Floor Plan (Levels 27-29, 31, 33, 35)		
Figure 4.26: Level 36 Plan	Y	Figure 4.21: Level 34 Plan
Figure 4.27: Roof Plan	Y	Figure 4.22: Roof Plan
Figure 4.28: Proposed South Elevation	Y	Figure 4.23: Proposed South Elevation
Figure 4.29: Proposed North Elevation	Y	Figure 4.24: Proposed North Elevation
Figure 4.30: Proposed West	Y	Figure 4.25: Proposed West Elevation

Original ES Figure and Plan	Amended	Updated ES Figure and Plan
Elevation		
Figure 4.31: Proposed East Elevation	Y	Figure 4.26: Proposed East Elevation
Figure 4.32: Proposed South-North Section	Y	Figure 4.27: Proposed South-North Section
Figure 4.33: Proposed North-South Section	Y	Figure 4.28: Proposed North-South Section
Figure 4.34: Proposed West-East Section	Y	Figure 4.29: Proposed West-East Section
Figure 4.35: Landscaping General Arrangement Plan – Level 00	Y	Figure 4.30: Landscaping General Arrangement Plan – Level 00
Figure 4.36: Planting Plan – Level 00	Y	Figure 4.31: Planting Plan – Level 00
Figure 4.37: Landscaping General Arrangement Plan – Level 03	Y	<i>Plan no longer required and removed.</i>
Figure 4.38: Planting Plan – Level 03	Y	<i>Plan no longer required and removed.</i>
Figure 4.39: Landscaping General Arrangement Plan – Level 04	Y	Figure 4.32: Landscaping General Arrangement Plan – Level 04
Figure 4.40: Planting Plan – Level 04	Y	Figure 4.33: Planting Plan – Level 04

Summary of Changes to the Proposed Scheme

- 2.5 The proposed changes to the Proposed Scheme are as follows, whereby the remaining elements of **Chapter 4: Development Specification** of the submitted ES remain unchanged.

Land Use Classes and Maximum Quantum

- 2.6 The Proposed Scheme originally included 578 PBSA (Purpose-Built Student Accommodation) beds. Following refinements to the internal layouts, this number has been increased to 619 PBSA beds. Alongside this increase, adjustments have also been made to the balance of cluster and studio units within the development. Initially, the mix was split at 49% clusters and 51% studios, however, this has been revised to 41.4% clusters and 58.3% studios.
- 2.7 In addition to the changes in the PBSA bed count, the total proposed floorspace allocated for amenity and commercial use has also been revised upwards. Originally set at 1,483 square meters, it has now increased to 1,769 square meters.

Height

- 2.8 The Proposed Changes include a reduction in the overall height of the tower, with the maximum elevation now reaching 140.995m AOD (to the top of the crown), compared to the previously reported 147.125m AOD. This change corresponds to a reduction in the total number of storeys from 36 to 35.

- 2.9 In addition, minor variations have been made to the finished floor levels across all floors within the proposed tower. However, the basement level's finished floor level remains unchanged at 27.700m AOD

Building Materials

- 2.10 The most notable change to the Proposed Scheme is the external façade material of the tower. Previously, the façade featured complementary brick piers and infill glazed panels with anodised aluminium. The revised design will now comprise anodised aluminium with infill glazing exclusively.

3. Evaluation of Environmental Topics

Introduction

- 3.1 This section presents the outcomes of the staged validation and evaluation process undertaken across all technical topics considered within the submitted ES. The process involved assessing the implications of the Proposed Changes against the environmental effects previously identified during the EIA process for the project.
- 3.2 For clarity, the following technical topics were assessed as part of the Submitted ES:
- Townscape and Visual (Chapter 7);
 - Built Heritage (Chapter 8);
 - Climate Change (Chapter 9);
 - Socio-Economics and Human Health (Chapter 10);
 - Noise and Vibration (Chapter 11);
 - Wind Microclimate (Chapter 12);
 - Daylight, Sunlight and Overshadowing (Chapter 13); and
 - Flood Risk and Drainage (Chapter 14).

Technical Topic Validation and Evaluation.

- 3.3 The validation process confirmed that the Proposed Changes do not alter the conclusions for environmental effects identified as not significant within the submitted ES. These effects remain classified as not significant and do not require reassessment. This conclusion is based on the following:
- The limited scope of the Proposed Changes; and
 - The retention of primary and tertiary mitigation measures that supported the original classification of these effects as not significant.
- 3.4 **Table 3.1** below outlines the outcomes of the validation and evaluation exercise for effects considered potentially significant within the submitted ES.

Table 3.1: Validation / Evaluation of Potentially Significant Environmental Effects Reported within the Submitted ES

Technical Topic	Potentially Significant Environmental Effects	Receptors	Applicable Stage (Construction / Operation)	Submitted ES Conclusions (Residual Effect and Significance)	Validation / Evaluation of Submitted ES
Townscape and Visual	Effects to visual amenity during construction	City Centre visitors, travelling members of the public and workers.	Construction	Minor Adverse ¹ and Moderate Adverse ² (Not Significant)	The Proposed Changes has no bearing on the construction assumptions informing the assessment of the submitted ES. As such there is no implications to assessment conclusion arising from the Proposed Changes.
	Effects to townscape receptors	Local townscape features, townscape character	Construction	Moderate Adverse (Not Significant)	
	Visual Effects	Viewpoints 1 – 13 accounting for Various Receptors ³	Operation	Negligible up to Major Beneficial (mix of Not Significant and Significant) ⁴ ;	The Proposed Changes, most notably the façade treatment and massing reductions does influence the assessment presented within the submitted ES. The updated proposals which include changes to the overall height of the proposed development and the façade and

¹ For residents.

² For travelling members of the public and workers.

³ The identified viewpoints assessed within the submitted ES considered various receptors.

⁴ Significant effects were identified for Viewpoint 2 – Jack Rosenthal Street (City Centre visitors) and Viewpoint 8 – Hacienda, Whitworth Street West (Residents), which were concluded to be Major Beneficial and Major Neutral respectively. All remaining viewpoints were judged to be not significant, with varying levels of effect and a mix of negligible and neutral.

Technical Topic	Potentially Significant Environmental Effects	Receptors	Applicable Stage (Construction / Operation)	Submitted ES Conclusions (Residual Effect and Significance)	Validation / Evaluation of Submitted ES
	Townscape Effects	National Cycle Route 6	Operation	Moderate Beneficial (Not Significant)	crown treatment have been evaluated from a townscape and visual perspective using the same criteria as the previous proposals.
		Conservation Areas		Moderate Neutral (Not Significant)	In addition new verified views have been produced for Viewpoints 1, 2, 3, 5, 6, 8, 9 and 13 (provided as Appendix 1 and effectively replace corresponding figures provided in Appendix 7.2 of the submitted ES ⁵), that reflect the proposed changes.
		Listed Buildings		Negligible	The changes, both in terms of height reduction and façade/crown treatment are not considered to increase adverse townscape and visual effects compared to the previously assessed proposals.
		Manchester Urban Historic Landscape Characterisation		Moderate Beneficial (Not Significant)	It is predicted, and with sight of the revised verified views, that when taking account of the reduction in height, the Proposed Scheme will be visible to a similar extent as the previously assessed proposals from the assessed viewpoint locations.
					As such, for medium- and long-distance

⁵ As the revised verified views only replace a handful of verified views provided in Appendix 7.2 of the submitted ES, **Appendix 1** of this ES supplement does not replace the previously submitted Appendix 7.2, instead they should be considered collectively.

Technical Topic	Potentially Significant Environmental Effects	Receptors	Applicable Stage (Construction / Operation)	Submitted ES Conclusions (Residual Effect and Significance)	Validation / Evaluation of Submitted ES
					views the height of the building makes the predominant contribution to the visual effect, and the changes in the façade have little discernible impact. The changes in the façade treatment is considered to represent a betterment than the previous iteration, nonetheless, as effects were already generally considered to be beneficial, no changes are predicted to the conclusions. Therefore, the proposed changes do not affect the assessment's overall conclusion.
Built Heritage	Change to the setting and significance of a NDHA	Hotspur Press (Non-Designated Heritage Asset, 'NDHA')	Construction	Moderate Adverse (Significant)	The Proposed Changes has no bearing on the construction assumptions informing the assessment of the submitted ES. As such there is no implications to assessment conclusion arising from the Proposed Changes.
			Operation	Moderate Adverse (Significant)	Furthermore, the proposed alterations to the former-mill building will erode to a discernible extent, the appreciation of the fabric and historic character of the Hotspur Press buildings and will result in changes which will make an appreciable difference

Technical Topic	Potentially Significant Environmental Effects	Receptors	Applicable Stage (Construction / Operation)	Submitted ES Conclusions (Residual Effect and Significance)	Validation / Evaluation of Submitted ES
					to the character and appearance of the identified non-designated heritage receptor (as identified previously). As such, the Proposed Changes do not influence this level of harm or associated reported conclusions.
Climate Change	Upfront carbon emissions of buildings	The Atmosphere	Construction	Minor Adverse at local and regional scale (Not Significant) Negligible at the national scale (Not Significant)	The proposed changes, primarily the modification of the façade material, impact the assessment of embodied carbon and annual operational carbon emissions outlined in the submitted ES in <i>Appendices 9.1</i> and <i>9.2</i> , respectively. To account for these changes, revisions to the calculations were conducted, and the updated results are provided in Appendix 2 and 3 of this ES Supplement. While the revised calculations indicate increased upfront and embodied emissions alongside reduced operational emissions, these adjustments do not alter the previously determined conclusions regarding the level of effect and significance. Therefore, the proposed changes do not affect the assessment's overall conclusion.
	Regulated and unregulated carbon emissions generated by buildings		Operation	Minor Adverse at the local scale (Not Significant)	
	Embodied carbon emissions of buildings		Operation	Negligible at the regional and national scale (Not Significant)	

Technical Topic	Potentially Significant Environmental Effects	Receptors	Applicable Stage (Construction / Operation)	Submitted ES Conclusions (Residual Effect and Significance)	Validation / Evaluation of Submitted ES
Socio-Economics and Human Health	Employment generated during the construction stage	Local Labour Force	Construction	Minor Beneficial (Not Significant)	The Proposed Changes has no bearing on the construction assumptions informing the assessment of the submitted ES. As such there is no implications to assessment conclusion arising from the Proposed Changes.
	Provision of PBSA	Students requiring accommodation	Operation	Moderate Beneficial (Not Significant)	The Proposed Changes identifies a partial increase in the provision of PBSA beds from 578 to 619 (an increase of 41 beds). Although there is an increase, the increase is not expected to increase the magnitude of change considered previously (moderate) and as such the concluding level of effect and associated significance. As such there is no implications to assessment conclusion arising from the Proposed Changes.
Noise and Vibration	Nuisance and disturbance as a result of noise from construction activities including traffic	The Assembly, 1 Cambridge Street (Some 25m to the east of the Site), and Vita House	Construction	Up to Major Adverse (Significant)	The Proposed Changes has no bearing on the construction assumptions informing the assessment of the submitted ES. As such there is no implications to assessment conclusion arising from the Proposed Changes.
	Nuisance and disturbance as a	The Assembly, 1 Cambridge Street	Construction	Minor Adverse (Not Significant)	

Technical Topic	Potentially Significant Environmental Effects	Receptors	Applicable Stage (Construction / Operation)	Submitted ES Conclusions (Residual Effect and Significance)	Validation / Evaluation of Submitted ES
	result of vibration from construction activities	(Some 25m to the east of the Site)			
Wind Microclimate	Pedestrian Safety	Pedestrians and users of Proposed Scheme and surrounding area	Operation	Negligible (Not Significant)	As outlined previously, the Proposed Changes involve a partial reduction in the overall height of the planned tower, originally modelled at +149.525m AOD. This adjustment may influence the numerical results of the wind modelling, specifically regarding safety and comfort conditions in and around the site. However, the overarching conclusions of the assessment, which identify negligible effects, remain unchanged. Furthermore, the primary mitigation measures identified during the initial modelling, which influences to modelling outcomes, remain unaffected by the proposed height adjustment. As such, the analysis continues to provide a robust and sufficient basis for the purposes of assessing the Application, with no implications for the assessment conclusions arising from the Proposed Changes.
	Pedestrian Comfort- Proposed Scheme	Pedestrians and users of Proposed Scheme (thoroughfares, building entrances, amenity spaces)			
	Pedestrian Comfort - Surrounding Area	Pedestrians and users of surrounding area (thoroughfares, building entrances, amenity spaces)			
Daylight, Sunlight and	Reduced daylight	21 -35 Whitworth Street West; 84-88	Operation	Minor Adverse	As outlined previously, the Proposed Changes involve a partial reduction in the

Technical Topic	Potentially Significant Environmental Effects	Receptors	Applicable Stage (Construction / Operation)	Submitted ES Conclusions (Residual Effect and Significance)	Validation / Evaluation of Submitted ES
Overshadowing	amenity	Great Bridgewater Street; The Assembly (1 Cambridge Street); and Vita House		(Not Significant)	overall height of the planned tower, as well as some small adjustments to building footprint. These adjustments directly affect the building's massing, a key factor in evaluating daylight and sunlight amenity. A supplementary technical validation exercise (Appendix 4) has been undertaken to evaluate the numerical changes resulting from the design modifications. This analysis confirms that, whilst the Proposed Changes results in small changes to the numerical outcomes of the earlier modelling prepared for the submitted ES, the overarching conclusions regarding the level of effect and its significance remain consistent with those reported in the submitted ES. The validation exercise (Appendix 4) shows that the majority of changes to individual window values are minimal, typically within a few percentage points. The validation exercise (Appendix 4) demonstrates that the overall daylight and sunlight effects continue to be classified within the same significance categories as previously assessed, with the tower height
		Macintosh Mills		Negligible (Not Significant)	
	Reduced sunlight amenity	21 -35 Whitworth Street West		Negligible (Not Significant)	
		84-88 Great Bridgewater Street; and The Assembly (1 Cambridge Street)		Minor Adverse (Not Significant)	

Technical Topic	Potentially Significant Environmental Effects	Receptors	Applicable Stage (Construction / Operation)	Submitted ES Conclusions (Residual Effect and Significance)	Validation / Evaluation of Submitted ES
					reduction generally providing minor improvements to some neighbouring properties. The analysis therefore confirms that the submitted ES conclusions remain valid and robust for the purposes of assessing the Application.
Flood Risk and Drainage	Surface water run-off – connection of new drainage system	Public sewer system	Construction	Negligible (Not Significant)	The Proposed Changes does not influence the key construction or operational parameters or assumptions with respect to Flood Risk and Drainage. As such there is no implication for the assessment conclusions arising from the Proposed Changes.
	Surface water runoff – discharge rate	River Medlock; and Public sewer system	Operational	Minor Beneficial (Not Significant)	
	Flood Zones – proposed development within flood zone	Proposed buildings	Operational	Minor to Moderate Beneficial (Not Significant)	

4. Summary

- 4.1 This ES Supplement has been prepared to evaluate the implications of the Proposed Changes to the Hotspur Press scheme on the conclusions reported in the submitted ES.
- 4.2 Following a staged validation and evaluation process across all technical topics considered in the submitted ES, it has been confirmed that the Proposed Changes do not result in any new or amended significant environmental effects. The limited scope of the Proposed Changes and the retention of primary and tertiary mitigation measures have ensured that the conclusions of the submitted ES remain valid and unaffected.
- 4.3 The findings of this ES Supplement confirm that:
- Effects previously identified as not significant remain unchanged and continue to require no further assessment;
 - Potentially significant effects identified in the submitted ES have been re-evaluated and confirmed to remain consistent with the original assessment conclusions; and
 - No further mitigation measures or amendments to the previously reported conclusions are required.
- 4.4 This ES Supplement has been prepared as a concise companion to the submitted ES, providing confirmation of the continued robustness of the environmental assessment for the Proposed Scheme. Together, the submitted ES and this ES Supplement provide Manchester City Council with a comprehensive basis for determining the planning application in accordance with the EIA Regulations.

Appendix 1: Revised Verified Views

As outlined in the ES Supplement, a series of revised verified views have been prepared to reflect the Proposed Changes. These views, covering Viewpoints 1, 2, 3, 5, 6, 8, 9, and 13, replace the corresponding verified views presented in *Appendix 7.2 – TVIA Viewpoint Photos* of the submitted ES.

Appendix 2: Updated Embodied Carbon Calculations

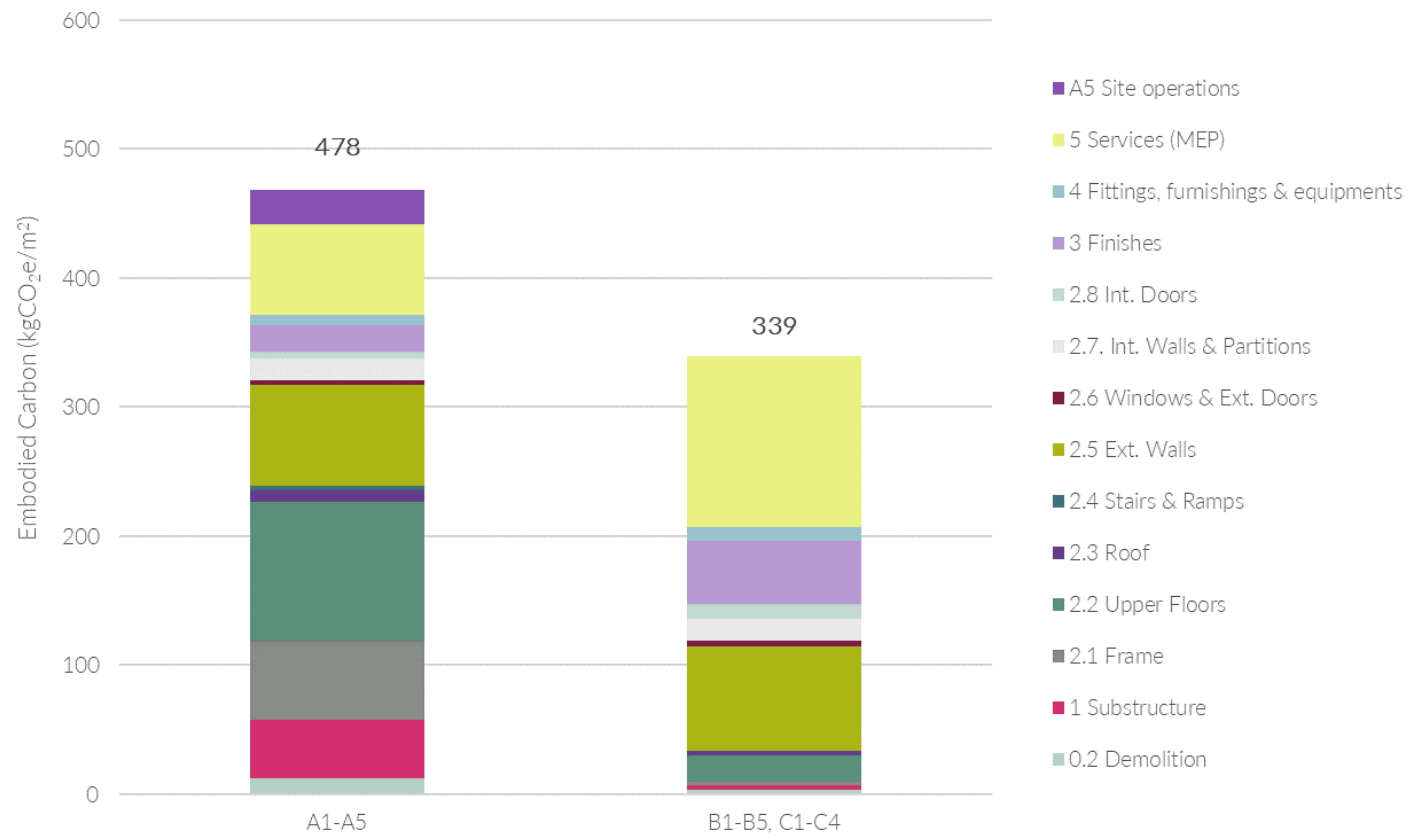
The following calculations serve as an amendment and update to Appendix 9.1 of the submitted ES and should be regarded as replacing the previously provided information.

Appendix 9.1

Life cycle module	Total carbon per life cycle module	Upfront Carbon		Embodied Carbon	
	kgCO ₂ e	tCO ₂ e	kgCO ₂ e/m ²	tCO ₂ e	kgCO ₂ e/m ²
A1-A3: Construction materials	7,928,706	10,090	478	17,251	818
A4: Transportation to site	840,414				
A5: Construction/installation process	1,320,539				
B1-B5: Maintenance & replacement	7,879,206	-			
C1-C4: End of life	602,342	-			

RICS Category	Biogenic Carbon	A1-A5 Upfront Carbon	B1-B5 In-use Embodied Carbon	C1-C4 End of Life	Total (excluding Biogenic and D)
0.2 Demolition	0	13	0	3	16
0.4 Groundworks	0	8	0	0	8
1 Substructure	0	45	1	2	48
2.1 Frame	0	61	2	2	65

RICS Category	Biogenic Carbon	A1-A5 Upfront Carbon	B1-B5 In-use Embodied Carbon	C1-C4 End of Life	Total (excluding Biogenic and D)
2.2 Upper Floors	0	108	16	4	128
2.3 Roof	-2	9	2	2	11
2.4 Stairs & Ramps	0	3	0	0	3
2.5 Ext. Walls	0	78	79	1	158
2.6 Windows & Ext. Doors	0	4	4	0	9
2.7. Int. Walls & Partitions	0	17	16	1	33
2.8 Int. Doors	-6	5	5	7	11
3 Finishes	0	20	43	6	69
4 Fittings, furnishings & equipment	0	9	10	1	19
5 Services (MEP)	0	70	131	1	202
8 Ext. works	0	2	0	0	3
A5 Construction Site Emissions	0	26	0	0	26
Total (kgCO₂e/m²)	-9	470	311	29	801

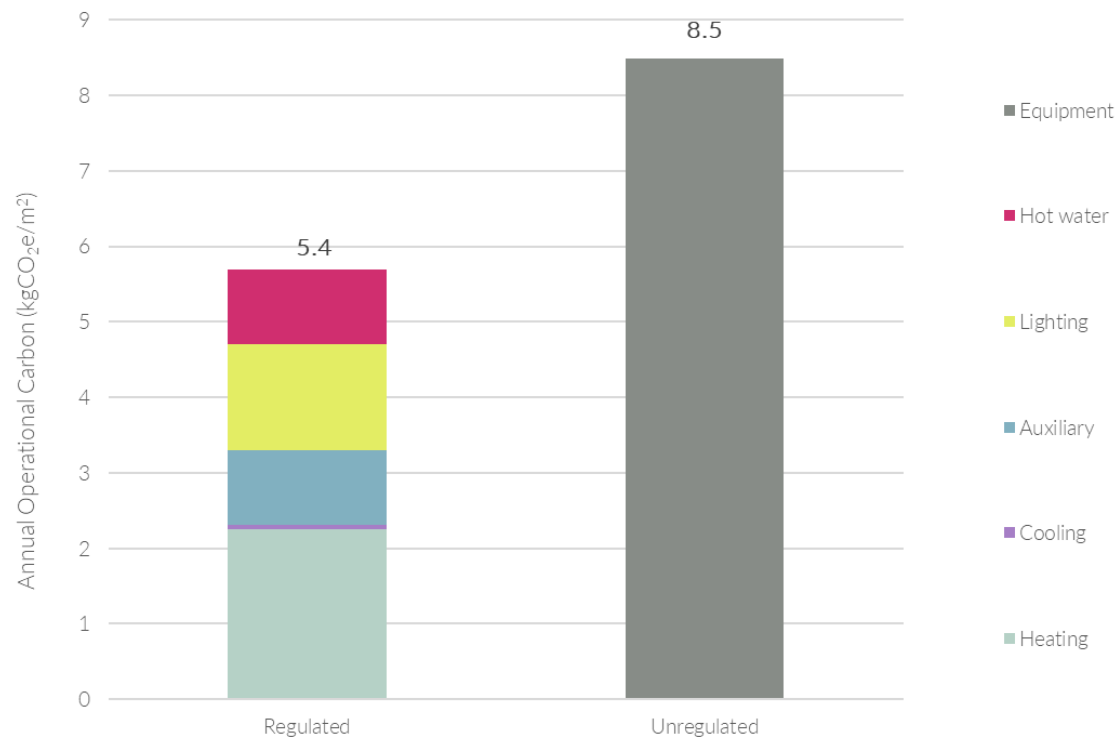


Appendix 3: Updated Annual Operational Calculations

The following calculations serve as an amendment and update to Appendix 9.2 of the submitted ES and should be regarded as replacing the previously provided information.

Appendix 9.2

End Use	Annual Energy Demand	Annual carbon emissions		
	kWh/yr	kgCO ₂ e	tCO ₂ e	kgCO ₂ e/m ²
Heating	230,346	47,699	47.70	2.3
Cooling	5,274	1,092	1.09	0.1
Auxiliary	100,407	20,792	20.79	1.0
Lighting	142,806	29,572	29.57	1.4
Hot water	101,251	20,967	20.97	1.0
Photovoltaics	-29,926	-6,197	-6.20	-0.3
Equipment	864,432	179,002	179.00	8.5
Total	1,414,591	292,925	293	13.9



Appendix 4: Supplementary Daylight & Sunlight Summary Report



HOTSPUR PRESS, MANCHESTER

Supplementary Daylight & Sunlight Summary Report

15 May 2025

GIA No: **20256**

1 INSTRUCTION

- 1.1 The Applicant, Manner (“the Applicant”), submitted a detailed planning application to Manchester City Council (MCC) in December 2023 for a Purpose-Built Student Accommodation (PBSA) development, known as “Hotspur Press” (Ref:138805/FO/2023). This application was supported by an Environmental Statement (ES) prepared in accordance with the Town and Country Planning (Environmental Impact Assessment) Regulations 2017 (as amended) (“EIA Regulations”). The determination of the application is currently pending.
- 1.2 Since the original submission, a small number of design changes have been made to the Proposed Scheme, which included an overall reduction in height of the tower and a small increase in the footprint of the podium. These changes necessitated the preparation of an ES Supplement to evaluate whether the Proposed Changes would result in any new or amended significant environmental effects and to confirm the validity of conclusions in the original ES.
- 1.3 In respect to the daylight and sunlight effects of the revised Proposed Scheme, the ES Supplement stated the following:-

“While it is acknowledged that the changes may alter the numerical outcomes of the earlier modelling prepared for the submitted ES, the overarching conclusions regarding the level of effect and its significance are expected to remain consistent. Moreover, the original modelling reflects a more conservative scenario, thereby ensuring that the analysis remains robust and sufficient for the purposes of assessing the Application.”
- 1.4 GIA have been requested to provide the technical analysis and a more detailed summary note to support the above statement.

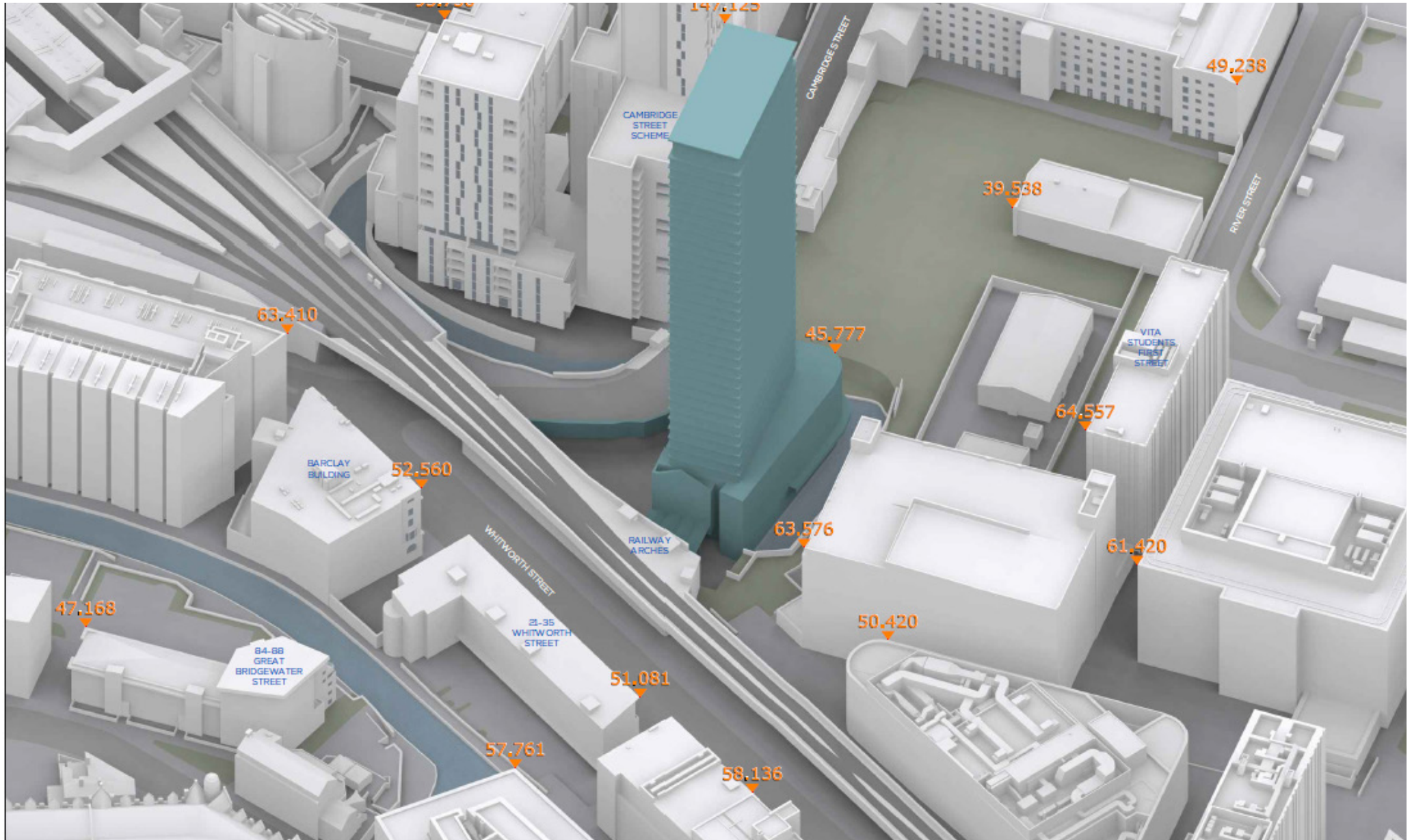


Fig. 01: The Original Submission Scheme

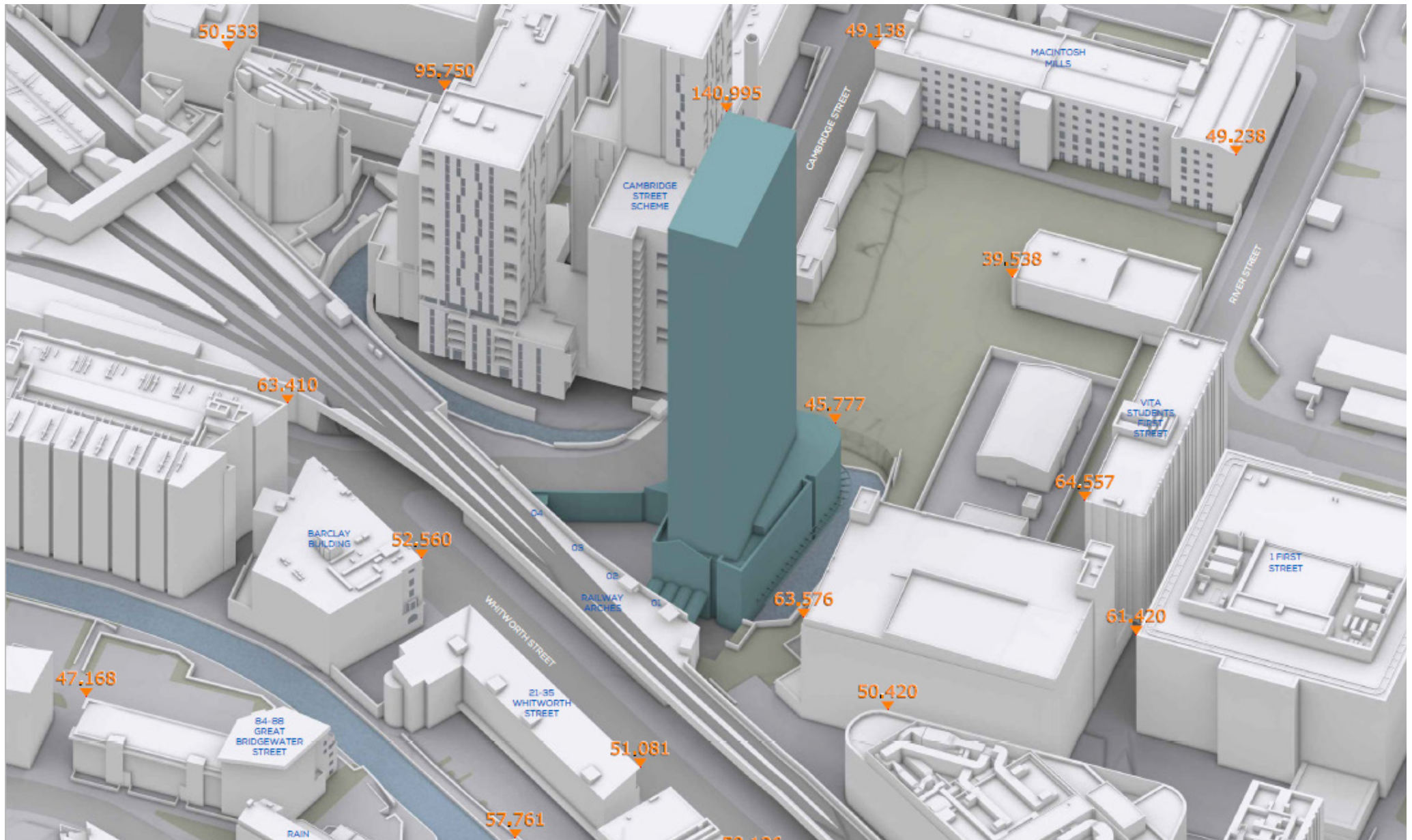


Fig. 02: The Currently Proposed Scheme

2 RESULTS

2.1 A summary of the daylight and sunlight results for the Original Submission Scheme, which are described in detail and provided within the ES, is shown below:-

ADDRESS	VERTICAL SKY COMPONENT					NO SKY LINE					ANNUAL PROBABLE SUNLIGHT HOURS								
	WINDOW					ROOM					ROOM								
	TOTAL	PASS	LOSS (%)			TOTAL	PASS	LOSS (%)			TOTAL	PASS	ANNUAL (%)			WINTER (%)			
			20-30	30-40	40+			20-30	30-40	40+			20-30	30-40	40+	20-30	30-40	40+	
84-88 Great Bridgewater Street	108	101	3	1	3	62	62	0	0	0	61	60	0	0	0	0	0	1	
21-35 Whitworth Street West	56	38	18	0	0	56	56	0	0	0	56	56	0	0	0	0	0	0	
Cambridge Street Scheme	427	336	42	21	28	355	330	7	7	11	119	101	0	3	15	0	0	0	
Vita Students First Street	129	79	50	0	0	129	109	17	3	0	0	0	0	0	0	0	0	0	
Macintosh Mills	157	157	0	0	0	96	96	0	0	0	0	0	0	0	0	0	0	0	
TOTALS	877	711	113	22	31	698	653	24	10	11	236	217	0	3	15	0	0	1	

2.2 A summary of the daylight and sunlight results for the Currently Proposed Scheme, which are appended to this report, is shown below:-

ADDRESS	VERTICAL SKY COMPONENT					NO SKY LINE					ANNUAL PROBABLE SUNLIGHT HOURS								
	WINDOW					ROOM					ROOM								
	TOTAL	PASS	LOSS (%)			TOTAL	PASS	LOSS (%)			TOTAL	PASS	ANNUAL (%)			WINTER (%)			
			20-30	30-40	40+			20-30	30-40	40+			20-30	30-40	40+	20-30	30-40	40+	
84-88 Great Bridgewater Street	108	101	3	1	3	62	62	0	0	0	61	60	0	1	0	0	0	1	
21-35 Whitworth Street West	56	39	17	0	0	56	56	0	0	0	56	56	0	0	0	0	0	0	
Cambridge Street Scheme	427	337	39	24	27	355	320	17	7	11	119	101	0	3	15	0	0	0	
Vita Students First Street	129	79	50	0	0	129	109	16	4	0	0	0	0	0	0	0	0	0	
Macintosh Mills	157	157	0	0	0	96	96	0	0	0	0	0	0	0	0	0	0	0	
TOTALS	877	713	109	25	30	698	643	33	11	11	236	217	0	4	15	0	0	1	

84-88 Great Bridgewater Street

- 6.1 Compared to the Original Submission Scheme, there will be no change to the levels of VSC & NSL compliance with the Currently Proposed Scheme in place. The overall daylight effect of the Currently Proposed Scheme will, therefore, continue to be minor.
- 6.2 Compared to the Original Submission Scheme, the overall level of sunlight compliance will remain the same. The one room affected will, however, differ as the room affected by the Original Submission Scheme will experience a BRE compliant change with the Currently Proposed Scheme in place due to the reduction in the height of the tower but, due to the increase in the footprint of the podium, there will be one ground floor room that will experience a 5% total and winter APSH change which is beyond the default BRE guidance.
- 6.3 The overall sunlight effect of the Currently Proposed Scheme will, therefore, continue to be minor.

21-35 Whitworth Street West

- 6.4 Compared to the Original Submission Scheme, one further window will experience a BRE compliant VSC change as a result of the reduction in the height of the tower of the Currently Proposed Scheme. There will be no change to the levels of NSL compliance.
- 6.5 Whilst there will be a small improvement in the daylight effect upon this property with the Currently Proposed Scheme in place, the overall effect will continue to be minor.
- 6.6 Compared to the Original Submission Scheme, there will be no change to the levels of APSH compliance with the Currently Proposed Scheme in place. The overall sunlight effect of the Currently Proposed Scheme will, therefore, continue to be negligible.

Vita Students, First Street

- 6.7 Compared to the Original Submission Scheme, there will be no change to the levels of VSC compliance with the Currently Proposed Scheme in place. Due to the increase in the podium footprint of the Currently Proposed Scheme, one room will experience a 0.9% additional NSL change with the Currently Proposed Scheme in place. The overall daylight effect of the Currently Proposed Scheme will, therefore, continue to be minor.
- 6.8 This property is not material for consideration in sunlight terms.

Macintosh Mills

- 6.9 Compared to the Original Submission Scheme, there will be no change to the levels of VSC & NSL compliance with the Currently Proposed Scheme in place. The overall daylight effect of the Currently Proposed Scheme will, therefore, continue to be negligible.
- 6.10 This property is not material for consideration in sunlight terms.

Cambridge Street Scheme

- 6.11 Compared to the Original Submission Scheme, one further window (W12/F21) will experience a BRE compliant VSC change with the Currently Proposed Scheme in place as a result of the reduction in the height of the tower.
- 6.12 The reduction in the height of the tower will also reduce the VSC effect on two windows (W17/F07 & W17/F09) from major to moderate and the VSC effect on a further window (W19/F15) will be reduced from moderate to minor.
- 6.13 The analysis results show that there will be small (0.1%) VSC changes to three windows (W20/F07, W21/F06 & W21/F04) which will increase the VSC effect from minor to moderate and to one further window (W9/F01) which will increase the VSC effect from moderate to major. This is not, however, as a result of any increase in the massing of the Currently proposed Scheme. It is due to the simplified massing model used for the assessment and, as such, should be ignored.
- 6.14 Similarly, with the Currently Proposed Scheme in place, the analysis results show that 10 further rooms will experience small (0.5 sqm) additional NSL changes, which will increase the NSL effect from negligible to minor. Once again, this is not as a result of any increase in the massing of the Currently Proposed Scheme. It is due to the simplified massing model used for the assessment and, as such, should be ignored.
- 6.15 Whilst there will be a small improvement in the daylight effect upon this property with the Currently Proposed Scheme in place, the overall effect will continue to be minor.
- 6.16 Compared to the Original Submission Scheme, there will be no change to the levels of APSH compliance with the Currently Proposed Scheme in place. The overall sunlight effect of the Currently Proposed Scheme will, therefore, continue to be minor.

3 CONCLUSION

6.17 The detailed technical analysis confirms that, whilst the Currently Proposed Scheme will result in small changes to “...*the numerical outcomes of earlier modelling prepared for the submitted ES, the overarching conclusions regarding the level of effect and its significance [...] remain consistent.*” with that reported in the ES.

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	VSC(WINDOW)				NSL			APSH (WINDOW)					
					EX %	PR %	LOSS	%	EX %	PR %	LOSS %	EX		PR		LOSS %	
												ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
21-35 WHITWORTH STREET WEST																	
F01	R1	Residential	Unknown-Resi	W1/F01	29	26	2.7	9.5	87	87	0	70	15	62	12	11.4	20
	R2	Residential	Unknown-Resi	W2/F01	29	26	2.8	9.8	82	82	0	71	16	65	13	8.5	18.8
	R4	Residential	Unknown-Resi	W6/F01	29	26	3.3	11.5	83	83	0	72	16	66	14	8.3	12.5
	R5	Residential	Unknown-Resi	W7/F01	29	26	3.5	12.1	89	89	0	71	15	65	13	8.5	13.3
	R6	Residential	Unknown-Resi	W8/F01	29	25	3.7	12.7	91	91	0	70	14	62	10	11.4	28.6
	R7	Residential	Unknown-Resi	W9/F01	29	25	3.8	13.1	92	92	0	71	16	60	10	15.5	37.5
	R9	Residential	Unknown-Resi	W13/F01	29	25	4.4	15.1	93	93	0	73	16	61	10	16.4	37.5
	R10	Residential	Unknown-Resi	W14/F01	29	25	4.8	16.3	96	96	0	71	14	59	9	16.9	35.7
	R11	Residential	Unknown-Resi	W15/F01	29	24	5.2	17.7	99	99	0	72	15	63	11	12.5	26.7
	R12	Residential	Unknown-Resi	W16/F01	30	24	5.7	19.3	99	97	2	71	15	56	7	21.1	53.3
	R14	Residential	Unknown-Resi	W20/F01	30	23	6.3	21.4	99	96	3.1	72	16	59	9	18.1	43.8
	R15	Residential	Unknown-Resi	W21/F01	30	23	6.6	22.4	100	100	0.3	73	18	60	12	17.8	33.3
	R17	Residential	Unknown-Resi	W25/F01	29	22	7	24	99	93	6	76	20	63	14	17.1	30
	R18	Residential	Unknown-Resi	W26/F01	29	22	7.2	24.7	100	98	1.7	75	19	59	11	21.3	42.1
F02	R1	Residential	Unknown-Resi	W1/F02	30	27	2.7	9.1	91	91	0	74	16	66	13	10.8	18.8
	R2	Residential	Unknown-Resi	W2/F02	30	27	3	10	87	87	0	74	17	68	14	8.1	17.6
	R4	Residential	Unknown-Resi	W6/F02	30	27	3.4	11.3	88	88	0	73	17	67	15	8.2	11.8
	R5	Residential	Unknown-Resi	W7/F02	30	27	3.6	11.8	93	93	0	72	16	66	14	8.3	12.5
	R6	Residential	Unknown-Resi	W8/F02	31	27	3.8	12.5	95	95	0	71	15	63	11	11.3	26.7
	R7	Residential	Unknown-Resi	W9/F02	31	27	4.1	13.4	95	95	0	71	16	60	10	15.5	37.5
	R9	Residential	Unknown-Resi	W13/F02	31	26	4.7	15.3	97	97	0	73	16	61	10	16.4	37.5
	R10	Residential	Unknown-Resi	W14/F02	31	26	5.1	16.5	98	98	0	74	17	61	11	17.6	35.3
	R11	Residential	Unknown-Resi	W15/F02	31	25	5.6	18.1	100	100	0	73	16	64	12	12.3	25
	R12	Residential	Unknown-Resi	W16/F02	31	25	6	19.5	99	97	1.8	71	15	56	7	21.1	53.3
	R14	Residential	Unknown-Resi	W20/F02	31	24	6.7	21.8	99	96	2.9	74	17	61	10	17.6	41.2
	R15	Residential	Unknown-Resi	W21/F02	31	24	7	22.7	100	100	0.2	74	19	61	13	17.6	31.6
	R17	Residential	Unknown-Resi	W25/F02	31	23	7.4	24.3	99	93	5.9	78	22	65	16	16.7	27.3
	R18	Residential	Unknown-Resi	W26/F02	31	23	7.5	24.6	100	98	1.6	76	20	60	12	21.1	40
F03	R1	Residential	Unknown-Resi	W1/F03	31	28	2.8	9	97	97	0	75	17	67	14	10.7	17.6
	R2	Residential	Unknown-Resi	W2/F03	31	28	3.1	10	94	94	0	76	19	70	16	7.9	15.8
	R4	Residential	Unknown-Resi	W6/F03	31	28	3.5	11.2	95	95	0	75	18	69	16	8	11.1
	R5	Residential	Unknown-Resi	W7/F03	32	28	3.7	11.7	97	97	0	75	18	69	16	8	11.1
	R6	Residential	Unknown-Resi	W8/F03	32	28	4	12.6	98	98	0	73	17	65	13	11	23.5
	R7	Residential	Unknown-Resi	W9/F03	32	28	4.2	13.2	99	99	0	72	17	61	11	15.3	35.3
	R9	Residential	Unknown-Resi	W13/F03	32	27	4.9	15.3	99	99	0	74	17	62	11	16.2	35.3
	R10	Residential	Unknown-Resi	W14/F03	32	27	5.3	16.5	100	100	0	75	18	62	12	17.3	33.3
	R11	Residential	Unknown-Resi	W15/F03	32	26	5.9	18.4	100	100	0	75	18	66	14	12	22.2
	R12	Residential	Unknown-Resi	W16/F03	32	26	6.3	19.6	99	98	1.8	73	17	58	9	20.5	47.1
	R14	Residential	Unknown-Resi	W20/F03	32	25	7	21.9	99	97	2.9	75	18	62	11	17.3	38.9
	R15	Residential	Unknown-Resi	W21/F03	32	25	7.2	22.6	100	100	0.2	76	20	64	14	15.8	30
	R17	Residential	Unknown-Resi	W25/F03	32	24	7.7	24.4	99	94	5.8	78	22	65	16	16.7	27.3
	R18	Residential	Unknown-Resi	W26/F03	32	24	7.8	24.8	100	98	1.5	76	20	60	12	21.1	40

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	VSC(WINDOW)				NSL			APSH (WINDOW)					
					EX %	PR %	LOSS	%	EX %	PR %	LOSS %	EX		PR		LOSS %	
												ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
F04	R1	Residential	Unknown-Resi	W1/F04	28	26	2.8	9.9	92	92	0.6	64	18	56	15	12.5	16.7
	R2	Residential	Unknown-Resi	W2/F04	32	29	3.1	9.7	91	91	0	75	20	69	17	8	15
	R4	Residential	Unknown-Resi	W6/F04	32	29	3.6	11.2	91	91	0	73	20	67	18	8.2	10
	R5	Residential	Unknown-Resi	W7/F04	28	24	3.8	13.6	95	95	0	58	19	53	17	8.6	10.5
	R6	Residential	Unknown-Resi	W8/F04	29	25	4	14	97	97	0	60	18	52	14	13.3	22.2
	R7	Residential	Unknown-Resi	W9/F04	33	28	4.2	12.9	97	97	0	73	19	62	13	15.1	31.6
	R9	Residential	Unknown-Resi	W13/F04	33	28	5	15.3	97	97	0	71	18	59	12	16.9	33.3
	R10	Residential	Unknown-Resi	W14/F04	28	23	5.4	19	99	99	0	56	17	44	11	21.4	35.3
	R11	Residential	Unknown-Resi	W15/F04	29	23	5.9	20.2	99	99	0.1	61	19	52	15	14.8	21.1
	R12	Residential	Unknown-Resi	W16/F04	33	26	6.5	19.8	99	97	1.9	72	18	57	10	20.8	44.4
	R14	Residential	Unknown-Resi	W20/F04	33	26	7.1	21.8	99	95	3.4	73	20	60	13	17.8	35
	R15	Residential	Unknown-Resi	W21/F04	26	19	7.4	28	98	98	0.1	52	19	40	13	23.1	31.6
	R17	Residential	Unknown-Resi	W25/F04	32	24	7.9	24.5	99	93	5.4	75	22	62	16	17.3	27.3
	R18	Residential	Unknown-Resi	W26/F04	28	20	7.9	28.2	99	97	1.1	62	19	47	12	24.2	36.8

84 - 88 GREAT BRIDGEWATER STREET																	
F00	R1	Residential	Unknown-Resi	W1/F00	28	28	0.4	1.4	94	94	0.7	42	7	38	6	9.5	14.3
				W2/F00	25	24	1.4	5.6				63	9	59	8	6.3	11.1
	R2	Residential	Unknown-Resi	W3/F00	25	24	1.7	6.7	54	53	2.2	56	6	52	5	7.1	16.7
	R3	Residential	Unknown-Resi	W4/F00	25	25	0	0	77	77	0						
				W5/F00	23	23	0	0									
	R4	Residential	Unknown-Resi	W6/F00	10	10	0.3	2.9	48	48	0	20	4	18	2	10	50
				W7/F00	0.2	0.1	0.1	50				0	0	0	0	0	0
				W8/F00	3.3	3.1	0.2	6.1				8	3	6	1	25	66.7
				W9/F00	5.7	5.5	0.2	3.5				12	4	10	2	16.7	50
				W10/F00	7.7	7.5	0.2	2.6				17	5	14	2	17.6	60
				W11/F00	9.4	9.1	0.3	3.2				20	6	17	3	15	50
	R7	Residential	Unknown-Resi	W14/F00	20	20	0	0	79	79	0	27	3	27	3	0	0
	R8	Residential	Unknown-Resi	W15/F00	6.6	5.3	1.3	19.7	66	66	0	13	9	8	4	38.5	55.6
	R9	Residential	Unknown-Resi	W16/F00	24	22	2.2	9.3	85	85	0	48	12	42	7	12.5	41.7
	R10	Residential	Unknown-Resi	W17/F00	11	9	2.1	18.9	70	69	1.9	27	11	23	8	14.8	27.3
				W18/F00	0.6	0.2	0.4	66.7				3	3	2	2	33.3	33.3
				W19/F00	4.5	2.7	1.8	40				12	10	9	7	25	30
				W20/F00	6.4	4.3	2.1	32.8				14	11	11	8	21.4	27.3
				W21/F00	8.1	6	2.1	25.9				20	12	17	9	15	25
				W22/F00	9.7	7.6	2.1	21.6				24	12	21	9	12.5	25
	R11	Residential	Unknown-Resi	W23/F00	26	24	2.2	8.4	87	87	0	56	13	54	11	3.6	15.4
	R12	Residential	Unknown-Resi	W24/F00	26	24	2.2	8.5	86	86	0	55	12	52	10	5.5	16.7
	R13	Residential	Unknown-Resi	W25/F00	26	24	2	7.8	80	80	0	54	9	52	8	3.7	11.1
	R14	Residential	Unknown-Resi	W26/F00	26	24	1.9	7.4	76	76	0	57	11	53	8	7	27.3
	R15	Residential	Unknown-Resi	W27/F00	0.6	0.6	0	0	69	68	0.8	3	0	3	0	0	0
				W28/F00	10	10	0.2	1.9				18	5	18	5	0	0
				W29/F00	3.5	3.5	0	0				8	1	8	1	0	0
				W30/F00	5.1	5.1	0	0				11	2	11	2	0	0

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	VSC(WINDOW)				NSL			APSH (WINDOW)					
					EX %	PR %	LOSS	%	EX %	PR %	LOSS %	EX		PR		LOSS %	
												ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
				W31/F00	6.7	6.7	0	0				13	3	13	3	0	0
				W32/F00	8.4	8.4	0	0				16	3	16	3	0	0
	R16	Residential	Unknown-Resi	W33/F00	22	21	1.5	6.7	71	71	0	49	8	46	6	6.1	25
	R17	Residential	Unknown-Resi	W34/F00	5.6	4.8	0.8	14.3	56	56	0	16	10	14	8	12.5	20
	R18	Residential	Unknown-Resi	W35/F00	22	21	1.1	4.9	68	68	0	51	9	48	6	5.9	33.3
F01	R1	Residential	Unknown-Resi	W1/F01	30	30	0.5	1.7	97	96	0.7	45	9	40	7	11.1	22.2
				W2/F01	28	26	2	7.3				67	11	62	9	7.5	18.2
				W3/F01	4.5	4.5	0	0				19	3	19	3	0	0
	R2	Residential	Unknown-Resi	W4/F01	6.1	4.9	1.2	19.7	90	90	0.4	13	9	10	6	23.1	33.3
				W5/F01	27	27	0	0				28	3	28	3	0	0
				W6/F01	25	25	0	0				29	3	29	3	0	0
	R3	Residential	Unknown-Resi	W7/F01	25	25	0.1	0.4	83	83	0	36	5	35	4	2.8	20
				W8/F01	18	18	0.5	2.7				34	7	30	4	11.8	42.9
	R7	Residential	Unknown-Resi	W11/F01	21	21	0	0	84	84	0	27	3	27	3	0	0
	R8	Residential	Unknown-Resi	W12/F01	18	16	2.2	12	76	72	5.2	40	10	33	4	17.5	60
				W13/F01	25	23	2.2	8.7				50	12	44	7	12	41.7
	R9	Residential	Unknown-Resi	W14/F01	26	24	2.2	8.5	65	65	0	53	14	50	11	5.7	21.4
	R10	Residential	Unknown-Resi	W15/F01	20	18	2.2	10.8	34	34	0	46	14	44	12	4.3	14.3
	R11	Residential	Unknown-Resi	W16/F01	28	25	2.3	8.4	87	87	0	60	14	57	12	5	14.3
	R12	Residential	Unknown-Resi	W17/F01	27	25	2.1	7.7	85	85	0	59	12	57	11	3.4	8.3
	R13	Residential	Unknown-Resi	W18/F01	22	21	0.9	4.1	40	33	18.7	39	6	38	5	2.6	16.7
	R14	Residential	Unknown-Resi	W19/F01	26	24	1.7	6.6	52	52	0	59	13	54	9	8.5	30.8
	R15	Residential	Unknown-Resi	W20/F01	24	23	1.6	6.6	46	46	0	58	13	53	9	8.6	30.8
	R16	Residential	Unknown-Resi	W21/F01	19	18	1.5	7.8	62	56	10.2	50	12	45	8	10	33.3
				W22/F01	24	22	1.4	5.9				50	12	46	8	8	33.3
F02	R1	Residential	Unknown-Resi	W1/F02	32	31	0.6	1.9	97	96	0.8	49	14	42	9	14.3	35.7
				W2/F02	30	27	2.6	8.8				70	14	64	11	8.6	21.4
				W3/F02	5.2	5.2	0	0				20	3	20	3	0	0
	R2	Residential	Unknown-Resi	W4/F02	7.9	6.1	1.8	22.8	91	91	0.2	17	11	13	7	23.5	36.4
				W5/F02	29	29	0	0				29	3	29	3	0	0
				W6/F02	26	26	0	0				30	3	30	3	0	0
	R3	Residential	Unknown-Resi	W7/F02	26	26	0.2	0.8	90	90	0	42	9	39	7	7.1	22.2
				W8/F02	19	19	0.7	3.6				39	10	33	6	15.4	40
	R6	Residential	Unknown-Resi	W11/F02	23	23	0	0	89	89	0	29	4	29	4	0	0
	R7	Residential	Unknown-Resi	W12/F02	20	17	2.3	11.7	84	81	4.4	42	11	35	5	16.7	54.5
				W13/F02	26	24	2.2	8.3				54	15	49	10	9.3	33.3
	R8	Residential	Unknown-Resi	W14/F02	27	25	2.3	8.4	78	77	0	59	17	56	14	5.1	17.6
	R9	Residential	Unknown-Resi	W15/F02	27	25	2.3	8.5	51	51	0	58	16	56	14	3.4	12.5
	R10	Residential	Unknown-Resi	W16/F02	21	19	1.9	9.1	71	71	0	52	15	50	13	3.8	13.3
	R11	Residential	Unknown-Resi	W17/F02	21	19	1.9	9.1	67	66	0.9	51	15	50	14	2	6.7
	R12	Residential	Unknown-Resi	W18/F02	27	25	2	7.4	58	52	10.7	58	13	55	10	5.2	23.1
	R13	Residential	Unknown-Resi	W19/F02	27	25	1.8	6.7	58	58	0	59	15	55	11	6.8	26.7
	R14	Residential	Unknown-Resi	W20/F02	25	24	1.7	6.7	51	51	0	58	15	54	11	6.9	26.7
	R15	Residential	Unknown-Resi	W21/F02	20	19	1.6	7.8	68	64	6.6	51	14	47	10	7.8	28.6

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	VSC(WINDOW)				NSL			APSH (WINDOW)					
					EX %	PR %	LOSS	%	EX %	PR %	LOSS %	EX		PR		LOSS %	
												ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
				W22/F02	25	23	1.5	6				54	15	50	11	7.4	26.7
F03	R1	Residential	Unknown-Resi	W1/F03	33	32	0.7	2.1	100	100	0	51	15	44	10	13.7	33.3
				W2/F03	33	33	0.7	2.1				51	15	44	10	13.7	33.3
				W3/F03	32	29	3.2	10.1				76	20	69	15	9.2	25
				W4/F03	31	28	3.1	9.9				75	20	67	14	10.7	30
	R2	Residential	Unknown-Resi	W5/F03	31	28	3.1	9.9	93	92	1.1	75	20	67	14	10.7	30
				W6/F03	30	30	0	0				33	6	33	6	0	0
				W7/F03	28	28	0	0				33	6	33	6	0	0
	R3	Residential	Unknown-Resi	W8/F03	28	27	0.5	1.8	93	93	0	48	11	43	7	10.4	36.4
				W9/F03	21	20	0.9	4.4				44	12	36	6	18.2	50
	R6	Residential	Unknown-Resi	W12/F03	25	25	0	0	95	95	0	29	4	29	4	0	0
	R7	Residential	Unknown-Resi	W13/F03	23	21	2.4	10.3	92	89	3.2	46	11	40	5	13	54.5
				W14/F03	24	21	2.4	10.2				54	15	49	10	9.3	33.3
	R8	Residential	Unknown-Resi	W15/F03	24	22	2.3	9.4	90	90	0	57	17	54	14	5.3	17.6
	R9	Residential	Unknown-Resi	W16/F03	24	22	2.2	9.2	57	57	0	57	17	55	15	3.5	11.8
	R10	Residential	Unknown-Resi	W17/F03	26	23	2.2	8.6	76	76	0.2	58	17	56	15	3.4	11.8
	R11	Residential	Unknown-Resi	W18/F03	25	23	2.2	8.7	77	77	0	58	17	56	15	3.4	11.8
	R12	Residential	Unknown-Resi	W19/F03	23	21	2	8.7	67	62	7.6	56	16	53	13	5.4	18.8
	R13	Residential	Unknown-Resi	W20/F03	23	22	1.8	7.7	64	64	0	60	19	56	15	6.7	21.1
	R14	Residential	Unknown-Resi	W21/F03	23	21	1.8	8	56	56	0	59	19	55	15	6.8	21.1
	R15	Residential	Unknown-Resi	W22/F03	24	23	1.7	7	79	75	5.4	59	18	55	14	6.8	22.2
				W23/F03	23	21	1.6	7				59	18	56	15	5.1	16.7
F04	R1	Residential	Unknown-Resi	W1/F04	34	33	0.6	1.8	98	98	0.2	52	15	45	10	13.5	33.3
				W2/F04	33	30	3.4	10.3				76	20	69	15	9.2	25
				W3/F04	33	30	3.4	10.3				75	20	67	14	10.7	30
	R2	Residential	Unknown-Resi	W4/F04	33	30	3.4	10.3	97	97	0.1	75	20	67	14	10.7	30
				W5/F04	29	29	0	0				35	6	35	6	0	0
	R3	Residential	Unknown-Resi	W6/F04	29	28	0.9	3.1	95	95	0	55	13	48	7	12.7	46.2
				W7/F04	22	21	1.2	5.5				47	13	40	7	14.9	46.2
	R6	Residential	Unknown-Resi	W10/F04	28	28	0	0	98	98	0	33	5	33	5	0	0
F05	R1	Residential	Unknown-Resi	W1/F05	26	25	0.6	2.4	99	98	0.2	52	16	46	11	11.5	31.2
				W2/F05	33	30	3.2	9.7				75	20	69	15	8	25
	R2	Residential	Unknown-Resi	W3/F05	32	29	3.4	10.5	98	98	0	76	21	69	15	9.2	28.6
				W4/F05	27	26	1.1	4				48	16	42	10	12.5	37.5
				W5/F05	21	20	1.2	5.6				43	15	37	9	14	40
	R4	Residential	Unknown-Resi	W8/F05	25	25	0	0	96	96	0	35	6	35	6	0	0

CAMBRIDGE STREET SCHEME																	
F00	R1	Residential	Bedroom	W1/F00	26	25	1.3	5	94	92	2.2						
	R2	Residential	Bedroom	W2/F00	26	24	1.2	4.7	96	94	2.1						
	R3**	Residential	LKD	W3/F00	24	24	0	0	78	78	0						
	R4	Residential	Bedroom	W4/F00	28	26	1.8	6.5	97	96	0.8						
	R5	Residential	Bedroom	W5/F00	27	25	1.7	6.3	95	92	2.5						
	R6	Residential	LKD	W6/F00	25	24	0.5	2	89	89	0.1						

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	VSC(WINDOW)				NSL			APSH (WINDOW)					
					EX %	PR %	LOSS	%	EX %	PR %	LOSS %	EX		PR		LOSS %	
												ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
	R7	Residential	Bedroom	W7/F00	25	24	1.3	5.2	97	97	0.5						
	R8	Residential	Bedroom	W8/F00	25	24	1.6	6.4	96	93	3.2						
	R9	Residential	LKD	W9/F00	17	9.1	8	46.8	86	75	12.5	16	1	8	1	50	0
F01	R1	Residential	Bedroom	W1/F01	28	27	0.9	3.2	94	92	2.1						
	R2	Residential	Bedroom	W2/F01	22	22	0.2	0.9	95	94	1.9						
	R3**	Residential	LKD	W3/F01	12	12	0	0	68	68	0						
	R4	Residential	Bedroom	W4/F01	29	27	1.8	6.2	97	97	0.8						
	R5	Residential	Bedroom	W5/F01	26	26	0.3	1.1	94	92	2.2						
	R6	Residential	LKD	W6/F01	12	12	0.2	1.7	80	80	0.1						
	R7	Residential	Bedroom	W7/F01	29	26	2.3	8	98	97	0.5						
	R8	Residential	Bedroom	W8/F01	29	26	2.8	9.7	96	93	3.1						
	R9	Residential	LKD	W9/F01	9.1	5.4	3.7	40.7	85	74	12.3	12	1	4	1	66.7	0
	R10	Residential	LKD	W10/F01	0.9	0.7	0.2	22.2	26	24	7.9	1	1	1	1	0	0
F02	R1	Residential	LKD	W1/F02	7.2	3.5	3.7	51.4	47	30	36.5	13	1	3	1	76.9	0
	R2	Residential	Bedroom	W2/F02	31	28	3.3	10.6	96	93	3.1						
	R3	Residential	Bedroom	W3/F02	31	28	2.7	8.8	98	97	0.5						
	R4	Residential	LKD	W4/F02	13	13	0.3	2.3	81	81	0.1						
	R5	Residential	Bedroom	W5/F02	27	27	0	0	91	91	0						
	R6	Residential	Bedroom	W6/F02	31	29	1.9	6.2	97	96	0.9						
	R7**	Residential	LKD	W7/F02	12	12	0.1	0.8	69	69	0						
	R8	Residential	Bedroom	W8/F02	19	19	0	0	81	81	0						
	R9	Residential	Bedroom	W9/F02	30	29	1.1	3.7	94	92	2.4						
	R10	Residential	LKD	W10/F02	25	25	0	0	96	96	0.7	54	19	54	19	0	0
				W11/F02	19	18	1.3	6.9				27	14	27	14	0	0
				W12/F02	31	29	1.8	5.8				47	14	47	14	0	0
	R11	Residential	Bedroom	W13/F02	32	30	2.1	6.5	95	95	0						
	R12	Residential	Bedroom	W14/F02	31	30	1.6	5.1	95	95	0.2						
	R13**	Residential	LKD	W15/F02	16	15	0.9	5.7	83	80	4.7	33	19	33	19	0	0
	R14**	Residential	LKD	W16/F02	18	15	3	17	93	93	0	29	14	29	14	0	0
	R15	Residential	Bedroom	W17/F02	31	27	3.9	12.5	93	92	0.3						
	R16	Residential	Bedroom	W18/F02	32	27	5.2	16.3	95	84	11.2						
	R17	Residential	Bedroom	W19/F02	31	26	5.2	16.6	94	94	0						
	R18**	Residential	LKD	W21/F02	1.7	1.2	0.5	29.4	31	28	10.9	5	2	3	2	40	0
	R49	Residential	LKD	W20/F02	17	13	4.2	25	70	61	13.3	32	19	29	19	9.4	0
F03	R1	Residential	LKD	W1/F03	6.6	3.3	3.3	50	52	30	42.5	13	1	3	1	76.9	0
	R2	Residential	Bedroom	W2/F03	31	28	2.9	9.4	96	93	3.4						
	R3	Residential	Bedroom	W3/F03	31	29	2.4	7.8	98	97	0.6						
	R4	Residential	LKD	W4/F03	12	12	0.2	1.6	92	92	0.1						
	R5	Residential	Bedroom	W5/F03	28	28	0	0	92	92	0						
	R6	Residential	Bedroom	W6/F03	31	30	1.9	6.1	97	96	0.9						
	R7**	Residential	LKD	W7/F03	12	12	0	0	78	78	0						
	R8	Residential	Bedroom	W8/F03	19	19	0	0	81	81	0						
	R9	Residential	Bedroom	W9/F03	31	30	1.1	3.6	94	92	2.4						
	R10	Residential	LKD	W10/F03	27	27	0	0	98	98	0.3	58	19	58	19	0	0

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	VSC(WINDOW)				NSL			APSH (WINDOW)					
					EX %	PR %	LOSS	%	EX %	PR %	LOSS %	EX		PR		LOSS %	
												ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
				W11/F03	20	19	1	5.1				46	22	46	22	0	0
				W12/F03	32	30	1.8	5.7				50	14	50	14	0	0
	R11	Residential	Bedroom	W13/F03	33	31	2.1	6.4	95	95	0						
	R12	Residential	Bedroom	W14/F03	32	30	2	6.3	95	95	0.2						
	R13**	Residential	LKD	W15/F03	17	15	1.2	7.2	88	84	4.4	34	20	34	20	0	0
	R14**	Residential	LKD	W16/F03	19	16	3.2	17.1	94	94	0	30	14	30	14	0	0
	R15	Residential	Bedroom	W17/F03	32	28	4.1	12.8	93	92	0.4						
	R16	Residential	Bedroom	W18/F03	33	27	5.5	16.8	95	84	11.2						
	R17	Residential	Bedroom	W19/F03	32	27	5.8	17.9	94	93	0						
	R18**	Residential	LKD	W20/F03	18	13	5	27.6	83	72	12.8	32	19	29	19	9.4	0
	R19**	Residential	LKD	W21/F03	2.2	1.5	0.7	31.8	46	38	17.4	5	2	3	2	40	0
F04	R1	Residential	LKD	W1/F04	16	8.1	8.1	50	71	50	29.1	20	2	9	2	55	0
	R2	Residential	Bedroom	W2/F04	35	31	4.2	12.1	96	92	3.6						
	R3	Residential	Bedroom	W3/F04	34	31	3.5	10.2	98	97	1.1						
	R4	Residential	LKD	W4/F04	16	16	0.3	1.9	95	95	0.1						
	R5	Residential	Bedroom	W5/F04	30	29	0.5	1.7	94	92	2.2						
	R6	Residential	Bedroom	W6/F04	32	30	2	6.2	97	96	1.2						
	R7**	Residential	LKD	W7/F04	16	16	0	0	82	82	0						
	R8	Residential	Bedroom	W8/F04	21	21	0	0	89	89	0						
	R9	Residential	Bedroom	W9/F04	32	31	1.5	4.6	94	91	2.7						
	R10	Residential	LKD	W10/F04	27	27	0	0	99	99	0.2	57	20	57	20	0	0
				W11/F04	33	31	1.6	4.9				63	22	63	22	0	0
				W12/F04	31	30	1.5	4.8				51	16	51	16	0	0
	R11	Residential	Bedroom	W13/F04	31	29	1.8	5.8	95	95	0						
	R12	Residential	Bedroom	W14/F04	31	29	2.2	7.1	95	95	0.2						
	R13**	Residential	LKD	W15/F04	32	29	3.2	10.1	98	94	3.8	53	19	53	19	0	0
	R14**	Residential	LKD	W16/F04	32	28	3.7	11.6	97	97	0	52	18	52	18	0	0
	R15	Residential	Bedroom	W17/F04	32	28	4.3	13.4	93	92	0.6						
	R16	Residential	Bedroom	W18/F04	33	28	5.8	17.4	95	84	11.5						
	R17	Residential	Bedroom	W19/F04	33	27	6.3	18.9	93	93	0.1						
	R18**	Residential	LKD	W20/F04	35	27	8.2	23.6	98	87	10.7	59	20	56	20	5.1	0
	R19**	Residential	LKD	W21/F04	2.5	1.7	0.8	32	61	49	18.6	5	2	3	2	40	0
F05	R1	Residential	Bedroom	W1/F05	25	23	2.2	8.8	100	100	0						
				W24/F05	14	5.7	7.8	57.8									
	R2	Residential	LKD	W2/F05	29	27	2.1	7.2	100	100	0						
	R3	Residential	Bedroom	W3/F05	28	26	1.6	5.7	100	100	0						
	R4	Residential	LKD	W4/F05	24	22	1.6	6.8	100	100	0						
				W5/F05	27	26	0.1	0.4									
				W6/F05	20	20	0	0									
				W7/F05	15	15	0	0									
	R5	Residential	Bedroom	W8/F05	14	14	0	0	93	93	0						
				W18/F05	3.4	1.5	1.9	55.9									
	R6	Residential	LKD	W9/F05	14	14	0	0	98	97	0.5	26	19	26	19	0	0
				W10/F05	16	16	0.3	1.9				28	13	28	13	0	0

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	VSC(WINDOW)				NSL			APSH (WINDOW)					
					EX %	PR %	LOSS	%	EX %	PR %	LOSS %	EX		PR		LOSS %	
												ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
				W11/F05	16	16	0.4	2.5				28	13	28	13	0	0
	R7	Residential	Bedroom	W12/F05	16	16	0.6	3.7	95	95	0						
	R8	Residential	Bedroom	W13/F05	16	15	0.7	4.4	95	94	0.2						
	R9**	Residential	LKD	W14/F05	16	15	1	6.2	98	94	3.8	28	13	27	13	3.6	0
	R10**	Residential	LKD	W15/F05	16	15	1.3	8	96	96	0	28	13	27	13	3.6	0
	R11	Residential	Bedroom	W16/F05	33	28	4.6	14.1	95	90	5.2						
	R12	Residential	Bedroom	W17/F05	34	29	5.7	16.7	97	95	1.9						
	R13	Residential	Bedroom	W19/F05	34	27	6.9	20.2	96	89	7.8						
	R14	Residential	Bedroom	W20/F05	7	3	4	57.1	75	26	64.9						
	R15	Residential	Bedroom	W21/F05	9.7	2.9	6.8	70.1	71	15	79.1						
	R16	Residential	LKD	W22/F05	15	10	4.4	29.7	60	41	32.2						
	R17**	Residential	LKD	W23/F05	2.7	1.9	0.8	29.6	80	64	20.2	6	3	4	3	33.3	0
F06	R1	Residential	LKD	W1/F06	16	16	0	0	90	90	0.1	2	0	2	0	0	0
				W19/F06	14	6.5	7.1	52.2				11	0	2	0	81.8	0
	R2	Residential	Bedroom	W2/F06	35	32	2.6	7.5	96	96	0						
	R3	Residential	Bedroom	W3/F06	34	32	2.3	6.7	95	92	3						
	R4	Residential	Bedroom	W4/F06	34	32	2	5.8	98	97	0.5						
	R5	Residential	Bedroom	W5/F06	34	33	1.7	5	96	95	0.9						
	R6	Residential	LKD	W6/F06	25	25	0	0	100	100	0	53	26	53	26	0	0
				W7/F06	29	29	0	0				53	21	53	21	0	0
				W8/F06	29	28	0.2	0.7				44	12	44	12	0	0
	R7	Residential	Bedroom	W9/F06	28	28	0.4	1.4	100	100	0.2						
	R8**	Residential	LKD	W10/F06	28	27	0.8	2.9	76	76	0	46	12	45	12	2.2	0
	R9	Residential	Bedroom	W11/F06	31	29	1.5	4.9	100	100	0						
	R10**	Residential	LKD	W12/F06	20	20	0	0	99	99	0	32	10	32	10	0	0
				W13/F06	16	12	3.8	24.1				22	6	20	6	9.1	0
	R11	Residential	Bedroom	W14/F06	33	29	4.7	14.2	95	90	5.4						
	R12	Residential	Bedroom	W15/F06	35	29	5.8	16.7	97	95	2.2						
	R13	Residential	LKD	W16/F06	1.3	0.1	1.2	92.3	6.7	1.8	73.7	1	0	0	0	100	0
	R14	Residential	Bedroom	W17/F06	35	28	7	20.2	96	89	7.8						
	R15	Residential	LKD	W20/F06	18	12	5.4	30.7	64	41	36.5						
	R48**	Residential	LKD	W21/F06	3	2.1	0.9	30	89	69	22	6	3	4	3	33.3	0
	R49	Residential	Bedroom	W18/F06	9.8	5.8	4	40.8	29	17	41.8						
F07	R1	Residential	LKD	W1/F07	19	19	0	0	90	90	0.2	2	0	2	0	0	0
				W19/F07	14	6.8	7.2	51.4				11	0	2	0	81.8	0
	R2	Residential	Bedroom	W2/F07	35	33	2.6	7.4	96	96	0						
	R3	Residential	Bedroom	W3/F07	35	33	2.4	6.8	95	92	3.4						
	R4	Residential	Bedroom	W4/F07	35	33	2	5.7	98	97	0.9						
	R5	Residential	Bedroom	W5/F07	35	33	1.7	4.9	96	95	0.8						
	R6	Residential	LKD	W6/F07	15	15	0	0	100	100	0	24	16	24	16	0	0
				W7/F07	36	34	2	5.6				54	16	54	16	0	0
	R7	Residential	Bedroom	W8/F07	35	33	2.2	6.3	90	87	3.9						
	R8	Residential	Bedroom	W9/F07	35	33	2.5	7.1	94	94	0.8						
	R9**	Residential	LKD	W10/F07	16	16	0	0	96	96	0.7	26	10	26	10	0	0

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	VSC(WINDOW)				NSL			APSH (WINDOW)					
					EX %	PR %	LOSS	%	EX %	PR %	LOSS %	EX		PR		LOSS %	
												ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
	R10	Residential	LKD	W11/F07	16	16	0	0	99	99	0	22	6	22	6	0	0
				W12/F07	16	12	4	24.5				22	6	20	6	9.1	0
	R11	Residential	Bedroom	W13/F07	32	27	4.6	14.5	91	91	0.2						
	R12	Residential	LKD	W14/F07	1.6	0.1	1.5	93.8	6.8	1.8	73.6	2	0	0	0	100	0
	R13	Residential	Bedroom	W15/F07	35	29	6.3	17.8	95	84	11.3						
	R14	Residential	Bedroom	W16/F07	35	28	6.9	19.6	94	94	0						
	R15	Residential	LKD	W18/F07	15	15	0.6	4	89	76	14.6	25	11	23	11	8	0
	R48**	Residential	LKD	W20/F07	3.3	2.3	1	30.3	90	70	22	6	3	4	3	33.3	0
	R49	Residential	Bedroom	W17/F07	10	6.1	4	39.6	28	15	47.5						
F08	R1	Residential	LKD	W1/F08	6.8	2.1	4.7	69.1	53	42	19.2	11	0	1	0	90.9	0
				W19/F08	14	7.2	6.4	47.1				11	0	2	0	81.8	0
	R2	Residential	Bedroom	W2/F08	36	33	2.7	7.5	96	96	0						
	R3	Residential	Bedroom	W3/F08	36	34	2.2	6.2	97	97	0.5						
	R4	Residential	Bedroom	W4/F08	36	34	1.9	5.3	96	96	0						
	R5	Residential	Bedroom	W5/F08	36	34	1.8	5.1	96	95	0.7						
	R6	Residential	LKD	W6/F08	16	16	0	0	88	88	0						
	R7	Residential	LKD	W7/F08	18	18	0	0	100	100	0	31	16	31	16	0	0
				W8/F08	36	34	2	5.6				55	16	55	16	0	0
	R8	Residential	Bedroom	W9/F08	35	33	2.2	6.3	90	87	4.4						
	R9	Residential	Bedroom	W10/F08	35	33	2.5	7.1	94	94	0.8						
	R10**	Residential	LKD	W11/F08	20	20	0	0	96	96	0.7	35	11	35	11	0	0
	R11	Residential	LKD	W12/F08	16	16	0	0	98	98	0	22	6	22	6	0	0
				W13/F08	17	13	4.1	24.6				22	6	20	6	9.1	0
	R12	Residential	Bedroom	W14/F08	32	27	4.7	14.6	91	91	0.6						
	R13	Residential	Bedroom	W15/F08	36	29	6.4	18	95	84	11.6						
	R14	Residential	Bedroom	W16/F08	36	29	7	19.7	94	93	0.1						
	R15	Residential	Bedroom	W17/F08	12	6.9	4.7	40.5	55	30	45.4						
	R16	Residential	LKD	W18/F08	18	17	0.8	4.5	90	77	14.7	31	12	29	12	6.5	0
	R17**	Residential	LKD	W20/F08	3.5	2.5	1	28.6	90	70	21.6	6	3	4	3	33.3	0
F09	R2	Residential	Bedroom	W2/F09	36	34	2.6	7.2	96	96	0						
	R3	Residential	Bedroom	W3/F09	36	34	2.3	6.4	98	97	1.3						
	R4	Residential	Bedroom	W4/F09	36	34	1.9	5.3	96	96	0						
	R5	Residential	Bedroom	W5/F09	36	34	1.8	5	96	95	0.8						
	R6	Residential	LKD	W6/F09	19	19	0	0	89	89	0						
	R8	Residential	LKD	W7/F09	17	17	0	0	93	90	3.7	28	10	28	10	0	0
				W8/F09	36	34	2.1	5.8				55	16	55	16	0	0
	R9**	Residential	LKD	W9/F09	17	17	0	0	90	90	0	25	10	25	10	0	0
	R10	Residential	Bedroom	W10/F09	36	33	3	8.3	95	93	2.2						
	R11	Residential	Bedroom	W11/F09	36	33	3.3	9.1	93	93	0						
	R12	Residential	LKD	W12/F09	17	17	0	0	98	98	0	22	6	22	6	0	0
				W13/F09	17	13	4.2	24.6				23	6	20	6	13	0
	R14	Residential	Bedroom	W14/F09	35	30	5.1	14.6	94	87	7						
	R15	Residential	Bedroom	W15/F09	36	30	6.2	17.1	97	96	1.8						
	R16	Residential	Bedroom	W16/F09	36	29	7.5	20.8	96	89	7.3						

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	VSC(WINDOW)				NSL			APSH (WINDOW)					
					EX %	PR %	LOSS	%	EX %	PR %	LOSS %	EX		PR		LOSS %	
												ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
	R17	Residential	Bedroom	W17/F09	12	7.4	4.8	39.3	55	30	46						
	R18	Residential	LKD	W1/F09	8	2.4	5.6	70	53	42	19.3	12	0	2	0	83.3	0
				W18/F09	14	7.7	6.5	45.8				12	0	3	0	75	0
	R19	Residential	LKD	W19/F09	16	11	5.1	31.5	64	41	36.7						
	R20**	Residential	LKD	W20/F09	3.8	2.7	1.1	28.9	90	70	21.5	6	3	4	3	33.3	0
F10	R1	Residential	LKD	W1/F10	20	19	0.5	2.6	91	90	0.8	4	0	3	0	25	0
				W18/F10	16	8.8	7.3	45.3				12	0	3	0	75	0
	R2	Residential	Bedroom	W2/F10	37	34	2.6	7.1	96	96	0						
	R3	Residential	Bedroom	W3/F10	37	34	2.3	6.3	95	93	2.6						
	R4	Residential	Bedroom	W4/F10	36	35	1.9	5.2	98	97	0.2						
	R5	Residential	Bedroom	W5/F10	37	35	1.8	4.9	96	96	0.6						
	R6	Residential	LKD	W6/F10	20	20	0	0	93	90	3.9	33	10	33	10	0	0
				W7/F10	37	35	2.3	6.2				56	16	56	16	0	0
	R7**	Residential	LKD	W8/F10	22	22	0	0	90	90	0	31	11	31	11	0	0
	R8	Residential	Bedroom	W9/F10	37	34	3.1	8.4	95	93	2.7						
	R9	Residential	Bedroom	W10/F10	32	30	1.5	4.7	92	92	0						
	R10	Residential	LKD	W11/F10	17	17	0	0	98	98	0	22	6	22	6	0	0
				W12/F10	18	13	4.3	24.6				23	6	20	6	13	0
	R11	Residential	Bedroom	W13/F10	35	30	5.2	14.8	94	87	7.4						
	R12	Residential	Bedroom	W14/F10	37	30	6.3	17.3	97	95	2.2						
	R13	Residential	LKD	W15/F10	1.4	0.1	1.3	92.9	6.6	1.8	73.6	2	0	0	0	100	0
	R14	Residential	Bedroom	W16/F10	36	29	7.6	20.9	96	89	7.9						
	R15	Residential	Bedroom	W17/F10	12	8.1	4.2	34.1	35	26	27.7						
	R16	Residential	LKD	W19/F10	19	13	6.1	32.4	64	41	36.7						
	R17**	Residential	LKD	W20/F10	4	2.9	1.1	27.5	90	70	21.4	6	3	4	3	33.3	0
F11	R1	Residential	LKD	W1/F11	25	24	1	4.1	91	90	0.8	5	0	3	0	40	0
				W19/F11	15	8	7.4	48.1				14	0	5	0	64.3	0
	R2	Residential	Bedroom	W2/F11	37	34	2.6	7	96	96	0						
	R3	Residential	Bedroom	W3/F11	37	35	2.3	6.3	95	92	3.3						
	R4	Residential	Bedroom	W4/F11	37	35	2	5.4	98	97	0.7						
	R5	Residential	Bedroom	W5/F11	37	35	1.7	4.6	96	96	0.3						
	R6	Residential	LKD	W6/F11	17	17	0	0	100	100	0	25	16	25	16	0	0
				W7/F11	37	35	2	5.4				55	16	55	16	0	0
	R7	Residential	Bedroom	W8/F11	36	34	2.3	6.3	90	87	3.8						
	R8	Residential	Bedroom	W9/F11	36	34	2.6	7.2	94	94	0.6						
	R9**	Residential	LKD	W10/F11	17	17	0	0	96	96	0.7	26	10	26	10	0	0
	R10	Residential	LKD	W11/F11	17	17	0	0	98	98	0	22	6	22	6	0	0
				W12/F11	18	14	4.2	23.7				23	6	20	6	13	0
	R11	Residential	Bedroom	W13/F11	33	28	4.9	14.8	91	91	0						
	R12	Residential	LKD	W14/F11	1.8	0.2	1.6	88.9	7.4	3	59.5	2	0	0	0	100	0
	R13	Residential	Bedroom	W15/F11	37	30	6.6	17.9	95	84	11.2						
	R14	Residential	Bedroom	W16/F11	37	30	7.3	19.8	94	94	0						
	R15	Residential	Bedroom	W17/F11	13	8.9	4.4	33.1	37	28	25.9						
	R16	Residential	LKD	W18/F11	16	16	0.7	4.3	90	77	14.4	25	11	23	11	8	0

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	VSC(WINDOW)				NSL			APSH (WINDOW)					
					EX %	PR %	LOSS	%	EX %	PR %	LOSS %	EX		PR		LOSS %	
												ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
	R17**	Residential	LKD	W20/F11	4.2	3.1	1.1	26.2	90	71	21.2	6	3	4	3	33.3	0
F12	R1	Residential	LKD	W1/F12	7.4	2.2	5.2	70.3	58	50	13.6	11	0	1	0	90.9	0
				W19/F12	18	11	6.7	38.1				18	0	9	0	50	0
	R2	Residential	Bedroom	W2/F12	37	35	2.6	7	96	96	0						
	R3	Residential	Bedroom	W3/F12	37	35	2.2	5.9	97	97	0.2						
	R4	Residential	Bedroom	W4/F12	37	35	1.9	5.1	96	96	0						
	R5	Residential	Bedroom	W5/F12	37	35	1.7	4.6	96	96	0.2						
	R6	Residential	LKD	W6/F12	18	18	0	0	88	88	0						
	R7	Residential	LKD	W7/F12	19	19	0	0	100	100	0	33	17	33	17	0	0
				W8/F12	37	35	2	5.4				55	16	55	16	0	0
	R8	Residential	Bedroom	W9/F12	36	34	2.3	6.4	90	87	4.3						
	R9	Residential	Bedroom	W10/F12	36	34	2.5	6.9	94	94	0.8						
	R10**	Residential	LKD	W11/F12	21	21	0	0	96	96	0.7	35	11	35	11	0	0
	R11	Residential	LKD	W12/F12	17	17	0	0	98	98	0	22	6	22	6	0	0
				W13/F12	18	14	4.3	24				23	6	20	6	13	0
	R12	Residential	Bedroom	W14/F12	33	28	4.9	14.7	91	91	0.5						
	R13	Residential	Bedroom	W15/F12	37	30	6.6	17.9	95	84	11.7						
	R14	Residential	Bedroom	W16/F12	37	30	7.3	19.8	94	94	0						
	R15	Residential	LKD	W18/F12	19	18	0.9	4.8	90	77	14.5	31	12	29	12	6.5	0
	R16**	Residential	LKD	W20/F12	4.3	3.1	1.2	27.9	88	69	21.7	6	3	4	3	33.3	0
	R49	Residential	Bedroom	W17/F12	16	11	5.2	33.1	69	49	29.6						
F13	R1	Residential	LKD	W1/F13	11	4.7	5.9	55.7	62	55	11.3	17	0	7	0	58.8	0
				W18/F13	19	13	6.7	34.7				22	0	13	0	40.9	0
	R2	Residential	Bedroom	W2/F13	37	35	2.5	6.7	96	96	0						
	R3	Residential	Bedroom	W3/F13	37	35	2.2	5.9	98	98	0.5						
	R4	Residential	Bedroom	W4/F13	37	35	1.9	5.1	96	96	0						
	R5	Residential	Bedroom	W5/F13	37	36	1.7	4.5	96	96	0.1						
	R6	Residential	LKD	W6/F13	20	20	0	0	88	88	0						
	R7	Residential	LKD	W7/F13	16	16	0	0	93	90	3.6	26	10	26	10	0	0
				W8/F13	37	35	2.1	5.7				55	16	55	16	0	0
	R8**	Residential	LKD	W9/F13	17	17	0	0	90	90	0	25	10	25	10	0	0
	R9	Residential	Bedroom	W10/F13	37	34	3	8.1	95	93	1.9						
	R10	Residential	Bedroom	W11/F13	37	34	3.4	9.2	89	89	0						
	R11	Residential	LKD	W12/F13	17	17	-0.1	-0.6	98	98	0	22	6	22	6	0	0
				W13/F13	18	14	4.3	24				23	6	20	6	13	0
	R12	Residential	Bedroom	W14/F13	36	31	5.2	14.5	94	88	6.7						
	R13	Residential	Bedroom	W15/F13	37	31	6.3	17	97	96	1.6						
	R14	Residential	Bedroom	W16/F13	37	29	7.7	20.8	96	90	6.7						
	R15	Residential	LKD	W19/F13	17	11	5.4	32.5	64	41	36.6						
	R16**	Residential	LKD	W20/F13	4.3	3.1	1.2	27.9	90	70	21.4	6	3	4	3	33.3	0
	R49	Residential	Bedroom	W17/F13	18	12	5.5	31.3	79	60	24						
F14	R1	Residential	LKD	W1/F14	23	22	0.9	4	91	90	0.8	5	0	3	0	40	0
				W18/F14	23	15	7.4	32.9				24	0	15	0	37.5	0
	R2	Residential	Bedroom	W2/F14	37	35	2.5	6.7	96	96	0						

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	VSC(WINDOW)				NSL			APSH (WINDOW)					
					EX %	PR %	LOSS %	LOSS %	EX %	PR %	LOSS %	EX		PR		LOSS %	
												ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
	R3	Residential	Bedroom	W3/F14	37	35	2.3	6.1	95	93	2.1						
	R4	Residential	Bedroom	W4/F14	37	36	1.9	5.1	98	98	0						
	R5	Residential	Bedroom	W5/F14	37	36	1.7	4.5	96	96	0.1						
	R6	Residential	LKD	W6/F14	20	20	0	0	93	90	3.8	33	10	33	10	0	0
				W7/F14	37	35	2.1	5.6				56	16	56	16	0	0
	R7**	Residential	LKD	W8/F14	22	22	0	0	90	90	0	31	11	31	11	0	0
	R8	Residential	Bedroom	W9/F14	37	34	3.1	8.3	95	93	2.6						
	R9	Residential	Bedroom	W10/F14	37	34	3.3	8.9	93	93	0						
	R10	Residential	LKD	W11/F14	17	17	0	0	99	99	0	22	6	22	6	0	0
				W12/F14	18	14	4.3	23.9				23	6	20	6	13	0
	R11	Residential	Bedroom	W13/F14	36	31	5.1	14.2	94	87	7.3						
	R12	Residential	Bedroom	W14/F14	37	31	6.3	17	97	95	2.2						
	R13	Residential	LKD	W15/F14	5.7	3	2.7	47.4	18	18	0.9	10	0	6	0	40	0
	R14	Residential	Bedroom	W16/F14	37	29	7.7	20.8	96	89	7.8						
	R15	Residential	Bedroom	W17/F14	20	14	5.4	27.7	75	69	7.8						
	R16	Residential	LKD	W19/F14	19	13	6.3	33.2	65	41	36.6						
	R17	Residential	LKD	W20/F14	3.9	3	0.9	23.1	89	70	21.4	4	2	3	2	25	0
F15	R1	Residential	LKD	W1/F15	25	24	1	4	92	91	0.8	5	0	3	0	40	0
				W19/F15	25	18	7.4	29.5				28	1	18	1	35.7	0
	R2	Residential	Bedroom	W2/F15	37	35	2.5	6.7	96	96	0						
	R3	Residential	Bedroom	W3/F15	37	35	2.2	5.9	95	93	2.8						
	R4	Residential	Bedroom	W4/F15	37	35	1.9	5.1	98	97	0.3						
	R5	Residential	Bedroom	W5/F15	37	36	1.6	4.3	96	96	0.2						
	R6	Residential	LKD	W6/F15	18	18	0	0	100	100	0	27	18	27	18	0	0
				W7/F15	37	35	1.9	5.1				55	16	55	16	0	0
	R7	Residential	Bedroom	W8/F15	37	34	2.2	6	90	87	3.5						
	R8	Residential	Bedroom	W9/F15	37	34	2.5	6.8	94	94	0.4						
	R9**	Residential	LKD	W10/F15	17	17	0	0	96	96	0.7	26	10	26	10	0	0
	R10	Residential	LKD	W11/F15	17	17	0	0	98	98	0	22	6	22	6	0	0
				W12/F15	18	14	4.4	24.4				23	6	20	6	13	0
	R11	Residential	Bedroom	W13/F15	34	29	4.8	14	92	92	0						
	R12	Residential	LKD	W14/F15	10	6.1	4.3	41.3	64	63	0.3	19	0	10	0	47.4	0
	R13	Residential	Bedroom	W15/F15	37	31	6.6	17.8	95	85	10.6						
	R14	Residential	Bedroom	W16/F15	37	30	7.3	19.7	94	94	0						
	R15	Residential	Bedroom	W17/F15	23	17	6	26.5	74	68	7.6						
	R16	Residential	LKD	W18/F15	16	16	0.7	4.3	90	77	14.3	25	11	23	11	8	0
	R17**	Residential	LKD	W20/F15	4.3	3.1	1.2	27.9	90	70	21.4	6	3	4	3	33.3	0
F16	R1	Residential	LKD	W1/F16	13	8.2	5.2	38.8	82	76	7.1	20	5	10	5	50	0
				W19/F16	28	20	7.2	26.1				33	3	23	3	30.3	0
	R2	Residential	Bedroom	W2/F16	37	35	2.4	6.4	96	96	0						
	R3	Residential	Bedroom	W3/F16	37	35	2.1	5.6	97	97	0						
	R4	Residential	Bedroom	W4/F16	37	36	1.8	4.8	96	96	0						
	R5	Residential	Bedroom	W5/F16	37	36	1.6	4.3	96	96	0.1						
	R6	Residential	LKD	W6/F16	18	18	0	0	88	88	0						

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	VSC(WINDOW)				NSL			APSH (WINDOW)					
					EX %	PR %	LOSS	%	EX %	PR %	LOSS %	EX		PR		LOSS %	
												ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
	R7	Residential	LKD	W7/F16	20	20	0	0	100	100	0	34	18	34	18	0	0
				W8/F16	37	35	1.9	5.1				55	16	55	16	0	0
	R8	Residential	Bedroom	W9/F16	36	34	2.2	6.1	90	87	4.2						
	R9	Residential	Bedroom	W10/F16	36	34	2.4	6.6	94	94	0.8						
	R10**	Residential	LKD	W11/F16	21	21	0	0	96	96	0.7	35	11	35	11	0	0
	R11	Residential	LKD	W12/F16	20	20	0	0	99	99	0	23	6	23	6	0	0
				W13/F16	31	26	4.9	15.9				38	6	35	6	7.9	0
	R12	Residential	Bedroom	W14/F16	36	31	4.7	13.1	93	92	0.4						
	R13	Residential	Bedroom	W15/F16	37	31	6.5	17.6	95	84	11.2						
	R14	Residential	Bedroom	W16/F16	37	30	7.2	19.5	94	94	0.1						
	R15	Residential	Bedroom	W17/F16	27	20	6.7	25.3	92	75	17.7						
	R16	Residential	LKD	W18/F16	16	16	0.7	4.3	90	77	14.3	25	11	23	11	8	0
	R17**	Residential	LKD	W20/F16	9.7	7.9	1.8	18.6	90	71	20.4	16	5	13	5	18.8	0
F17	R1	Residential	LKD	W1/F17	17	11	5.9	35.1	82	76	7	26	7	16	7	38.5	0
				W13/F17	30	23	7.3	24.3				37	6	27	6	27	0
	R2	Residential	Bedroom	W2/F17	37	35	2.3	6.2	96	96	0						
	R3	Residential	Bedroom	W3/F17	37	35	2	5.4	98	98	0						
	R4	Residential	Bedroom	W4/F17	37	36	1.7	4.6	96	96	0						
	R5	Residential	Bedroom	W5/F17	37	36	1.5	4	96	96	0						
	R6	Residential	LKD	W6/F17	20	20	0	0	88	88	0						
	R7	Residential	LKD	W7/F17	18	18	0	0	92	88	4.3	28	10	28	10	0	0
				W8/F17	37	35	1.9	5.1				55	16	55	16	0	0
	R8**	Residential	LKD	W9/F17	17	17	0	0	90	90	0	25	10	25	10	0	0
	R9	Residential	Bedroom	W10/F17	37	34	2.8	7.5	95	93	2						
	R10	Residential	Bedroom	W11/F17	37	34	3.1	8.4	94	94	0						
				W14/F17	35	28	7.2	20.3									
	R11	Residential	Bedroom	W12/F17	29	22	7	24.1	92	75	17.8						
F18	R1	Residential	LKD	W1/F18	18	18	0.1	0.6	91	91	0.5	3	0	3	0	0	0
				W13/F18	31	24	7.3	23.7				38	6	27	6	28.9	0
	R2	Residential	Bedroom	W2/F18	37	35	2.3	6.1	96	96	0						
	R3	Residential	Bedroom	W3/F18	37	35	2	5.3	95	94	1.1						
	R4	Residential	Bedroom	W4/F18	37	36	1.7	4.5	98	98	0						
	R5	Residential	Bedroom	W5/F18	37	36	1.5	4	96	96	0.1						
	R6	Residential	LKD	W6/F18	20	20	0	0	92	87	4.6	33	10	33	10	0	0
				W7/F18	37	35	1.9	5.1				55	16	55	16	0	0
	R7**	Residential	LKD	W8/F18	22	22	0	0	90	90	0	31	11	31	11	0	0
	R8	Residential	Bedroom	W9/F18	37	34	2.8	7.6	95	92	2.6						
	R9	Residential	Bedroom	W10/F18	37	34	3.2	8.6	93	94	-0.1						
				W14/F18	36	29	7.1	19.9									
	R10	Residential	LKD	W11/F18	14	8.6	4.9	36.3	73	73	0.1	21	3	12	3	42.9	0
	R11	Residential	Bedroom	W12/F18	29	22	6.6	22.8	78	73	6						
F19	R1	Residential	LKD	W1/F19	20	20	0.2	1	92	91	0.5	3	0	3	0	0	0
				W13/F19	31	24	7	22.6				41	6	30	6	26.8	0
	R2	Residential	Bedroom	W2/F19	37	35	2.2	5.9	96	96	0						

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	VSC(WINDOW)				NSL			APSH (WINDOW)					
					EX %	PR %	LOSS	%	EX %	PR %	LOSS %	EX		PR		LOSS %	
												ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
	R3	Residential	Bedroom	W3/F19	37	35	2	5.3	95	93	1.9						
	R4	Residential	Bedroom	W4/F19	37	36	1.7	4.6	98	98	0.1						
	R5	Residential	Bedroom	W5/F19	37	36	1.4	3.7	96	96	0.1						
	R6	Residential	LKD	W6/F19	18	18	0	0	100	100	0	27	18	27	18	0	0
				W7/F19	37	35	1.7	4.6				55	16	55	16	0	0
	R7	Residential	Bedroom	W8/F19	37	35	2	5.5	94	91	2.9						
	R8	Residential	Bedroom	W9/F19	37	34	2.3	6.3	94	94	0.1						
	R9	Residential	LKD	W10/F19	18	18	0	0	100	100	0	26	10	26	10	0	0
				W14/F19	36	29	6.8	18.9				10	0	7	0	30	0
	R10	Residential	LKD	W11/F19	16	10	5.6	35.9	73	73	0.1	23	3	14	3	39.1	0
	R11	Residential	Bedroom	W12/F19	29	23	6.4	21.8	77	73	5.7						
F20	R1	Residential	LKD	W1/F20	15	9.6	5.2	35.1	84	78	7	22	7	12	7	45.5	0
				W13/F20	31	25	6.6	21.2				41	6	31	6	24.4	0
	R2	Residential	Bedroom	W2/F20	37	35	2.1	5.6	96	96	0						
	R3	Residential	Bedroom	W3/F20	37	36	1.8	4.8	97	97	0						
	R4	Residential	Bedroom	W4/F20	37	36	1.5	4	96	96	0						
	R5	Residential	Bedroom	W5/F20	37	36	1.4	3.7	96	96	0						
	R6	Residential	LKD	W6/F20	18	18	0	0	88	88	0						
	R7	Residential	LKD	W7/F20	20	20	0	0	100	100	0	34	18	34	18	0	0
				W8/F20	37	35	1.7	4.6				55	16	55	16	0	0
	R8	Residential	Bedroom	W9/F20	36	34	2	5.5	94	90	3.8						
	R9	Residential	Bedroom	W10/F20	36	34	2.2	6	94	94	0.3						
	R10	Residential	LKD	W11/F20	21	21	0	0	100	100	0	35	10	35	10	0	0
				W14/F20	35	28	6.6	19				7	0	4	0	42.9	0
	R11	Residential	Bedroom	W12/F20	30	24	6.3	20.9	92	78	15.6						
F21	R1	Residential	LKD	W1/F21	17	12	5.4	31.4	85	79	6.8	27	7	17	7	37	0
				W13/F21	32	25	6.4	20.3				43	6	33	6	23.3	0
	R2	Residential	Bedroom	W2/F21	37	35	2	5.4	96	96	0						
	R3	Residential	Bedroom	W3/F21	37	36	1.7	4.6	97	97	0						
	R4	Residential	Bedroom	W4/F21	37	36	1.4	3.8	96	96	0						
	R5	Residential	Bedroom	W5/F21	37	36	1.3	3.5	96	96	0						
	R6	Residential	LKD	W6/F21	20	20	0	0	88	88	0						
	R7	Residential	LKD	W7/F21	20	20	0	0	92	88	4.3	33	10	33	10	0	0
				W8/F21	37	35	1.7	4.6				55	16	55	16	0	0
	R8**	Residential	LKD	W9/F21	22	22	0	0	90	90	0						
	R9	Residential	Bedroom	W10/F21	37	35	2.5	6.8	95	93	2						
	R10	Residential	Bedroom	W11/F21	37	34	2.9	7.8	94	94	0						
				W14/F21	37	30	6.5	17.8									
	R11	Residential	Bedroom	W12/F21	31	25	6.1	19.9	92	78	15						
F22	R1	Residential	LKD	W1/F22	20	20	0	0	100	100	0	34	18	34	18	0	0
				W2/F22	37	35	1.6	4.3				55	16	55	16	0	0
	R2	Residential	Bedroom	W3/F22	36	35	1.8	5	94	91	3.6						
	R3	Residential	Bedroom	W4/F22	36	34	2.1	5.8	95	95	0.1						
	R4	Residential	LKD	W5/F22	22	22	0	0	100	100	0	35	10	35	10	0	0

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	VSC(WINDOW)				NSL			APSH (WINDOW)					
					EX %	PR %	LOSS	%	EX %	PR %	LOSS %	EX		PR		LOSS %	
												ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
				W6/F22	37	31	6.1	16.6				10	0	0	0	30	0
F23	R1	Residential	LKD	W1/F23	18	18	0	0	92	88	3.7	28	10	28	10	0	0
				W2/F23	37	36	1.6	4.3				55	16	55	16	0	0
	R2**	Residential	LKD	W3/F23	17	17	0	0	90	90	0	25	10	25	10	0	0
	R3	Residential	Bedroom	W4/F23	37	35	2.4	6.5	95	94	0.4						
	R4	Residential	Bedroom	W5/F23	37	34	2.7	7.3	94	94	0						
				W6/F23	37	31	6	16.3									
F24	R1	Residential	LKD	W1/F24	20	20	0	0	92	88	3.8	33	10	33	10	0	0
				W2/F24	37	36	1.5	4.1				55	16	55	16	0	0
	R2**	Residential	LKD	W3/F24	22	22	0	0	90	90	0	31	11	31	11	0	0
	R3	Residential	Bedroom	W4/F24	37	35	2.3	6.2	95	94	0.9						
	R4	Residential	Bedroom	W5/F24	37	34	2.6	7	94	94	0						
				W6/F24	37	31	5.7	15.5									
F25	R1	Residential	LKD	W1/F25	18	18	0	0	100	100	0	27	18	27	18	0	0
				W2/F25	37	36	1.3	3.5				55	16	55	16	0	0
	R2	Residential	Bedroom	W3/F25	37	35	1.6	4.4	94	93	0.9						
	R3	Residential	Bedroom	W4/F25	37	35	1.8	4.9	95	95	0						
	R4	Residential	LKD	W5/F25	18	18	0	0	100	100	0	26	10	26	10	0	0
				W6/F25	37	32	5.3	14.4				10	0	0	0	30	0
F26	R1	Residential	LKD	W1/F26	20	20	0	0	100	100	0	34	18	34	18	0	0
				W2/F26	37	36	1.2	3.2				55	16	55	16	0	0
	R2	Residential	Bedroom	W3/F26	36	35	1.5	4.1	94	92	2.5						
	R3	Residential	Bedroom	W4/F26	36	35	1.7	4.7	95	95	0						
	R4	Residential	LKD	W5/F26	21	21	0	0	100	100	0	32	10	32	10	0	0
				W6/F26	37	32	5	13.6				10	0	0	0	30	0

VITA STUDENTS FIRST STREET																	
F01	R1	Residential	Studio-Apt	W1/F01	24	17	7.1	29.3	58	55	6						
	R2	Residential	Studio-Apt	W2/F01	25	18	7.2	28.7	55	35	36.7						
	R3	Residential	Studio-Apt	W3/F01	27	20	7	26.3	57	57	0						
	R4**	Residential	Studio-Apt	W4/F01	27	20	6.9	25.4	92	76	18						
	R5**	Residential	Studio-Apt	W5/F01	26	20	6.6	25.1	95	77	18						
	R6	Residential	Studio-Apt	W6/F01	29	23	6	20.8	59	59	0.1						
	R7	Residential	Studio-Apt	W7/F01	31	25	5.8	19	69	56	18.5						
	R8	Residential	Studio-Apt	W8/F01	31	26	5.4	17.4	61	61	0						
	R9	Residential	Studio-Apt	W9/F01	31	26	5.3	17	67	60	10.8						
	R10	Residential	Studio-Apt	W10/F01	31	26	5	16	63	63	0						
	R11	Residential	Studio-Apt	W11/F01	31	27	4.8	15.3	65	60	7.6						
	R12	Residential	Studio-Apt	W12/F01	31	27	4.5	14.3	65	65	0						
F02	R1	Residential	Studio-Apt	W1/F02	25	17	7.2	29.3	68	44	35.8						
	R2	Residential	Studio-Apt	W2/F02	27	19	7.3	27.5	74	53	29						
	R3	Residential	Studio-Apt	W3/F02	27	20	7.2	26.5	72	61	15.8						
	R4	Residential	Studio-Apt	W4/F02	28	22	6.9	24.3	74	65	12.8						
	R5	Residential	Studio-Apt	W5/F02	29	22	6.8	23.7	74	69	6.1						

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	VSC(WINDOW)				NSL			APSH (WINDOW)					
					EX %	PR %	LOSS	%	EX %	PR %	LOSS %	EX		PR		LOSS %	
												ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
	R6	Residential	Studio-Apt	W6/F02	23	16	6.6	29.2	67	64	4.6						
	R7	Residential	Studio-Apt	W7/F02	24	20	4.7	19.3	62	55	11.7						
	R8	Residential	Studio-Apt	W8/F02	31	26	5.7	18.2	70	70	0						
	R9	Residential	Studio-Apt	W9/F02	32	26	5.6	17.7	68	68	0.5						
	R10	Residential	Studio-Apt	W10/F02	32	27	5.2	16.3	68	68	0						
	R11	Residential	Studio-Apt	W11/F02	32	27	5.1	15.9	68	68	0.4						
	R12	Residential	Studio-Apt	W12/F02	32	27	4.8	15	67	67	0						
	R13	Residential	Studio-Apt	W13/F02	32	28	4.6	14.3	66	65	0.9						
F03	R1	Residential	Studio-Apt	W1/F03	26	19	7.3	27.9	62	58	6						
	R2	Residential	Studio-Apt	W2/F03	27	20	7.4	27.3	60	42	30.1						
	R3	Residential	Studio-Apt	W3/F03	29	21	7.2	25.2	60	60	0						
	R4	Residential	Studio-Apt	W4/F03	29	22	7	24.1	68	53	21.8						
	R5	Residential	Studio-Apt	W5/F03	30	23	6.8	23	60	60	0						
	R6	Residential	Studio-Apt	W6/F03	28	21	6.7	23.8	69	51	27.1						
	R7	Residential	Studio-Apt	W7/F03	30	24	6.1	20.2	60	60	0.1						
	R8	Residential	Studio-Apt	W8/F03	32	26	5.8	18.2	69	56	18.4						
	R9	Residential	Studio-Apt	W9/F03	33	27	5.6	17.2	61	61	0						
	R10	Residential	Studio-Apt	W10/F03	33	27	5.4	16.6	67	60	10.8						
	R11	Residential	Studio-Apt	W11/F03	33	28	5.1	15.6	63	63	0						
	R12	Residential	Studio-Apt	W12/F03	33	28	4.8	14.7	66	61	7.5						
	R13	Residential	Studio-Apt	W13/F03	33	28	4.5	13.7	65	65	0						
F04	R1	Residential	Studio-Apt	W1/F04	27	19	7.4	27.6	71	49	31.1						
	R2	Residential	Studio-Apt	W2/F04	29	21	7.4	25.9	75	55	26.9						
	R3	Residential	Studio-Apt	W3/F04	29	22	7.3	24.9	76	66	13.8						
	R4	Residential	Studio-Apt	W4/F04	30	23	7.1	23.4	75	66	12.5						
	R5	Residential	Studio-Apt	W5/F04	31	24	6.9	22.5	76	71	6						
	R6	Residential	Studio-Apt	W6/F04	24	18	6.7	27.7	68	65	4.6						
	R7	Residential	Studio-Apt	W7/F04	25	21	4.8	19	65	58	10.5						
	R8	Residential	Studio-Apt	W8/F04	33	27	5.8	17.7	72	72	0						
	R9	Residential	Studio-Apt	W9/F04	33	27	5.7	17.2	72	71	0.4						
	R10	Residential	Studio-Apt	W10/F04	33	28	5.3	15.9	71	71	0						
	R11	Residential	Studio-Apt	W11/F04	33	28	5.1	15.3	71	71	0.4						
	R12	Residential	Studio-Apt	W12/F04	33	29	4.8	14.4	71	71	0						
	R13	Residential	Studio-Apt	W13/F04	33	29	4.6	13.8	70	70	0.9						
F05	R1	Residential	Studio-Apt	W1/F05	29	21	7.4	26	65	62	5.6						
	R2	Residential	Studio-Apt	W2/F05	29	22	7.5	25.5	67	53	21.1						
	R3	Residential	Studio-Apt	W3/F05	31	24	7.2	23.5	64	64	0						
	R4	Residential	Studio-Apt	W4/F05	31	24	7.1	22.8	69	54	21.5						
	R5	Residential	Studio-Apt	W5/F05	32	25	6.9	21.9	63	63	0						
	R6	Residential	Studio-Apt	W6/F05	30	23	6.8	22.8	69	51	27						
	R7	Residential	Studio-Apt	W7/F05	31	25	6.1	19.5	60	60	0.1						
	R8	Residential	Studio-Apt	W8/F05	33	27	5.9	17.8	69	56	18.3						
	R9	Residential	Studio-Apt	W9/F05	34	28	5.6	16.6	61	61	0						
	R10	Residential	Studio-Apt	W10/F05	34	29	5.4	15.9	68	61	10.7						

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	VSC(WINDOW)				NSL			APSH (WINDOW)					
					EX %	PR %	LOSS	%	EX %	PR %	LOSS %	EX		PR		LOSS %	
												ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
F06	R11	Residential	Studio-Apt	W11/F05	34	29	5.1	15	63	63	0						
	R12	Residential	Studio-Apt	W12/F05	34	29	4.9	14.4	67	62	7.5						
	R13	Residential	Studio-Apt	W13/F05	34	30	4.5	13.2	66	66	0						
	R1	Residential	Studio-Apt	W1/F06	29	22	7.5	25.5	76	56	26.1						
	R2	Residential	Studio-Apt	W2/F06	31	24	7.5	24.2	76	58	23.5						
	R3	Residential	Studio-Apt	W3/F06	32	24	7.4	23.4	77	68	11.6						
	R4	Residential	Studio-Apt	W4/F06	32	25	7.1	21.9	77	67	12.3						
	R5	Residential	Studio-Apt	W5/F06	33	26	7	21.5	77	73	5.8						
	R6	Residential	Studio-Apt	W6/F06	26	19	6.7	26.1	70	67	4.4						
	R7	Residential	Studio-Apt	W7/F06	26	21	4.8	18.5	68	62	9.4						
	R8	Residential	Studio-Apt	W8/F06	34	28	5.8	17	74	74	0						
	R9	Residential	Studio-Apt	W9/F06	34	29	5.7	16.6	77	76	0.4						
	R10	Residential	Studio-Apt	W10/F06	35	29	5.3	15.4	76	76	0						
F07	R11	Residential	Studio-Apt	W11/F06	35	29	5.1	14.8	77	76	0.4						
	R12	Residential	Studio-Apt	W12/F06	35	30	4.8	13.9	76	76	0						
	R13	Residential	Studio-Apt	W13/F06	35	30	4.6	13.3	76	75	0.8						
	R1	Residential	Studio-Apt	W1/F07	31	24	7.4	23.7	69	65	5.7						
	R2	Residential	Studio-Apt	W2/F07	32	25	7.4	23.2	68	57	17.2						
	R3	Residential	Studio-Apt	W3/F07	33	26	7.2	21.9	68	68	0						
	R4	Residential	Studio-Apt	W4/F07	33	26	7.1	21.4	69	54	21.5						
	R5	Residential	Studio-Apt	W5/F07	33	26	6.8	20.5	65	65	0						
	R6	Residential	Studio-Apt	W6/F07	31	25	6.8	21.7	70	51	27						
	R7	Residential	Studio-Apt	W7/F07	32	26	6.1	18.9	60	60	0.1						
	R8	Residential	Studio-Apt	W8/F07	34	29	5.9	17.2	69	57	18.1						
	R9	Residential	Studio-Apt	W9/F07	35	29	5.6	16	62	62	0						
	R10	Residential	Studio-Apt	W10/F07	35	30	5.4	15.4	69	62	10.5						
F08	R11	Residential	Studio-Apt	W11/F07	35	30	5	14.2	63	63	0						
	R12	Residential	Studio-Apt	W12/F07	35	30	4.8	13.7	68	63	7.3						
	R13	Residential	Studio-Apt	W13/F07	35	31	4.5	12.8	66	66	0						
	R1	Residential	Studio-Apt	W1/F08	32	25	7.4	22.8	77	60	22.7						
	R2	Residential	Studio-Apt	W2/F08	34	26	7.4	22.1	77	62	20.2						
	R3	Residential	Studio-Apt	W3/F08	34	27	7.3	21.5	78	70	10.2						
	R4	Residential	Studio-Apt	W4/F08	34	27	7	20.4	77	68	12.2						
	R5	Residential	Studio-Apt	W5/F08	34	27	6.9	20.1	77	73	5.9						
	R6	Residential	Studio-Apt	W6/F08	27	21	6.7	24.6	70	67	4.4						
	R7	Residential	Studio-Apt	W7/F08	27	22	4.7	17.7	68	62	8.9						
	R8	Residential	Studio-Apt	W8/F08	35	29	5.8	16.5	74	74	0						
	R9	Residential	Studio-Apt	W9/F08	36	30	5.6	15.8	77	77	0.4						
	R10	Residential	Studio-Apt	W10/F08	36	30	5.3	14.9	76	76	0						
F09	R11	Residential	Studio-Apt	W11/F08	36	31	5.1	14.3	77	77	0.4						
	R12	Residential	Studio-Apt	W12/F08	36	31	4.8	13.5	77	77	0						
	R13	Residential	Studio-Apt	W13/F08	36	31	4.5	12.7	78	77	0.8						
	R1	Residential	Studio-Apt	W1/F09	34	27	7.4	21.6	69	66	5.3						
	R2	Residential	Studio-Apt	W2/F09	35	27	7.3	21.1	68	58	15.9						

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	VSC(WINDOW)				NSL			APSH (WINDOW)					
					EX %	PR %	LOSS	%	EX %	PR %	LOSS %	EX		PR		LOSS %	
												ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
	R6	Residential	Bedroom	W19/F00	28	26	2.1	7.6	98	98	0						
				W20/F00	28	26	2.2	7.9									
				W21/F00	29	27	2.1	7.3									
	R7	Residential	LKD	W22/F00	28	26	2.2	7.9	98	98	0						
				W23/F00	28	26	2.2	7.9									
				W24/F00	29	26	2.2	7.7									
				W25/F00	28	25	2.2	8									
				W26/F00	27	25	2.2	8									
				W27/F00	28	26	2.2	7.8									
	R8	Residential	Bedroom	W28/F00	26	24	2.2	8.3	97	97	0						
				W29/F00	26	24	2.2	8.4									
				W30/F00	27	25	2.2	8.1									
	R9	Residential	Bedroom	W31/F00	24	22	2.1	8.9	95	95	0						
				W32/F00	22	19	2.1	9.8									
				W33/F00	24	21	2.2	9.3									
	R10	Residential	LKD	W34/F00	18	16	2	11	60	60	0						
				W35/F00	20	18	2	10.1									
				W36/F00	19	17	2.1	10.9									
	R11	Residential	Bedroom	W37/F00	23	21	2	8.6	99	99	0						
				W38/F00	24	22	2	8.4									
				W39/F00	24	22	2	8.3									
	R12	Residential	Bedroom	W40/F00	25	23	1.8	7.3	97	97	0						
				W41/F00	25	23	1.9	7.7									
				W42/F00	25	24	1.9	7.5									
	R13	Residential	Bedroom	W43/F00	25	23	1.8	7.3	95	95	0						
				W44/F00	25	23	1.8	7.3									
				W45/F00	25	24	1.8	7.1									
	R14	Residential	Bedroom	W46/F00	24	22	1.9	7.8	98	98	0						
				W47/F00	24	22	1.8	7.5									
				W48/F00	25	23	1.8	7.2									
	R15	Residential	Bedroom	W49/F00	23	22	1.8	7.7	98	98	0						
				W50/F00	23	21	1.8	7.8									
				W51/F00	24	22	1.9	7.9									
	R16	Residential	LKD	W52/F00	22	20	1.9	8.6	95	95	0.5						
				W53/F00	21	19	1.9	8.9									
				W54/F00	22	21	1.9	8.5									
				W55/F00	17	15	1.4	8.4									
				W56/F00	18	16	1.9	10.7									
				W57/F00	18	16	1.8	10.1									
F01	R1	Residential	Bedroom	W1/F01	31	29	1.9	6.1	97	97	0						
	R2	Residential	Bedroom	W2/F01	31	29	2	6.5	97	97	0						
	R3	Residential	LKD	W3/F01	31	29	2	6.5	90	90	0						
				W4/F01	15	14	1	6.8									
	R4	Residential	LKD	W5/F01	27	25	2	7.4	96	96	0						

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	VSC(WINDOW)				NSL			APSH (WINDOW)					
					EX %	PR %	LOSS	%	EX %	PR %	LOSS %	EX		PR		LOSS %	
												ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
				W6/F01	29	27	2.1	7.2									
	R5	Residential	Bedroom	W7/F01	30	28	2.2	7.4	97	97	0						
	R6	Residential	Bedroom	W8/F01	30	28	2.2	7.3	96	96	0						
	R7	Residential	LKD	W9/F01	30	28	2.3	7.7	97	97	0						
				W10/F01	29	27	2.2	7.5									
	R8	Residential	Bedroom	W11/F01	28	26	2.2	7.9	95	95	0						
	R9	Residential	Bedroom	W12/F01	24	22	2.2	9	94	94	0						
	R10	Residential	LKD	W13/F01	20	18	2	10.1	60	60	0						
	R11	Residential	Bedroom	W14/F01	25	23	2	8	98	98	0						
	R12	Residential	Bedroom	W15/F01	27	25	2	7.5	97	97	0						
	R13	Residential	Bedroom	W16/F01	27	25	1.9	7.1	95	95	0						
	R14	Residential	Bedroom	W17/F01	26	25	1.9	7.2	97	97	0						
	R15	Residential	Bedroom	W18/F01	25	24	1.9	7.5	97	97	0						
	R16	Residential	LKD	W19/F01	24	22	2	8.4	95	94	0.4						
				W20/F01	19	17	1.9	10.3									
F02	R1	Residential	Bedroom	W1/F02	32	30	2.2	6.8	96	96	0						
	R2	Residential	Bedroom	W2/F02	32	30	2.2	6.8	95	95	0						
	R3	Residential	LKD	W3/F02	32	30	2.2	6.8	89	89	0						
				W4/F02	16	15	1	6.4									
	R4	Residential	LKD	W5/F02	28	26	2.2	7.8	98	98	0						
				W6/F02	30	28	2.2	7.2									
	R5	Residential	Bedroom	W7/F02	31	29	2.3	7.4	98	98	0						
	R6	Residential	Bedroom	W8/F02	31	29	2.3	7.4	97	97	0						
	R7	Residential	LKD	W9/F02	31	29	2.3	7.4	98	98	0						
				W10/F02	30	28	2.3	7.6									
	R8	Residential	Bedroom	W11/F02	29	27	2.3	8	97	97	0						
	R9	Residential	Bedroom	W12/F02	25	23	2.2	8.8	95	95	0						
	R10	Residential	LKD	W13/F02	21	19	2.1	10.1	60	60	0						
	R11	Residential	Bedroom	W14/F02	26	24	2	7.7	98	98	0						
	R12	Residential	Bedroom	W15/F02	28	26	2	7.2	97	97	0						
	R13	Residential	Bedroom	W16/F02	28	27	1.9	6.7	95	95	0						
	R14	Residential	Bedroom	W17/F02	28	26	1.9	6.8	97	97	0						
	R15	Residential	Bedroom	W18/F02	27	25	1.9	7	98	98	0						
	R16	Residential	LKD	W19/F02	26	24	2	7.8	95	94	0.5						
				W20/F02	20	18	2	10.2									
F03	R1	Residential	Bedroom	W1/F03	33	31	2.3	6.9	97	97	0						
	R2	Residential	Bedroom	W2/F03	33	31	2.3	6.9	97	97	0						
	R3	Residential	LKD	W3/F03	33	31	2.4	7.3	89	89	0.1						
				W4/F03	17	16	1.1	6.6									
	R4	Residential	LKD	W5/F03	29	27	2.3	7.8	96	96	0						
				W6/F03	32	29	2.3	7.3									
	R5	Residential	Bedroom	W7/F03	32	30	2.3	7.2	97	97	0						
	R6	Residential	Bedroom	W8/F03	32	30	2.4	7.5	96	96	0						
	R7	Residential	LKD	W9/F03	32	30	2.3	7.2	97	97	0						

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	VSC(WINDOW)				NSL			APSH (WINDOW)					
					EX %	PR %	LOSS	%	EX %	PR %	LOSS %	EX		PR		LOSS %	
												ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
				W10/F03	31	29	2.3	7.3									
	R8	Residential	Bedroom	W11/F03	30	28	2.2	7.4	95	95	0						
	R9	Residential	Bedroom	W12/F03	26	24	2.3	8.9	94	94	0						
	R10	Residential	LKD	W13/F03	22	19	2.1	9.8	58	58	0						
	R11	Residential	Bedroom	W14/F03	27	25	2	7.3	98	98	0						
	R12	Residential	Bedroom	W15/F03	29	27	2	6.8	96	96	0						
	R13	Residential	Bedroom	W16/F03	30	28	1.9	6.4	94	94	0						
	R14	Residential	Bedroom	W17/F03	30	28	1.9	6.4	97	97	0						
	R15	Residential	Bedroom	W18/F03	29	27	2	6.8	97	97	0						
	R16	Residential	LKD	W19/F03	28	26	2	7.1	95	95	0.5						
				W20/F03	23	21	2	8.8									
F04	R1	Residential	Bedroom	W1/F04	34	32	2.3	6.8	97	97	0						
	R2	Residential	Bedroom	W2/F04	34	32	2.3	6.8	97	97	0						
	R3	Residential	LKD	W3/F04	34	31	2.3	6.8	91	91	0						
				W4/F04	18	17	1.1	6									
	R4	Residential	LKD	W5/F04	31	28	2.3	7.5	97	97	0						
				W6/F04	33	30	2.3	7.1									
	R5	Residential	Bedroom	W7/F04	33	31	2.3	7	97	97	0						
	R6	Residential	Bedroom	W8/F04	33	31	2.4	7.3	97	97	0						
	R7	Residential	LKD	W9/F04	33	31	2.4	7.3	97	97	0						
				W10/F04	32	30	2.3	7.1									
	R8	Residential	Bedroom	W11/F04	31	29	2.3	7.4	95	95	0						
	R9	Residential	Bedroom	W12/F04	27	25	2.2	8.2	94	94	0						
	R10	Residential	LKD	W13/F04	23	21	2.1	9.3	60	60	0						
	R11	Residential	Bedroom	W14/F04	29	27	2	7	98	98	0						
	R12	Residential	Bedroom	W15/F04	30	28	2	6.6	97	97	0						
	R13	Residential	Bedroom	W16/F04	31	29	2	6.5	95	95	0						
	R14	Residential	Bedroom	W17/F04	31	29	1.9	6.2	97	97	0						
	R15	Residential	Bedroom	W18/F04	30	28	1.9	6.3	97	97	0						
	R16	Residential	LKD	W19/F04	30	28	1.9	6.3	95	95	0.4						
				W20/F04	30	28	1.9	6.4									
F05	R1	Residential	Bedroom	W1/F05	35	33	2.3	6.6	97	97	0						
	R2	Residential	Bedroom	W2/F05	35	32	2.4	6.9	97	97	0						
	R3	Residential	LKD	W3/F05	35	32	2.3	6.7	95	95	0						
				W4/F05	22	21	1.1	5									
	R4	Residential	LKD	W5/F05	33	30	2.3	7	97	97	0						
				W6/F05	34	32	2.3	6.8									
	R5	Residential	Bedroom	W7/F05	34	32	2.2	6.5	97	97	0						
	R6	Residential	Bedroom	W8/F05	34	32	2.3	6.8	96	96	0						
	R7	Residential	LKD	W9/F05	34	32	2.3	6.8	97	97	0						
				W10/F05	34	31	2.3	6.8									
	R8	Residential	Bedroom	W11/F05	33	31	2.3	6.9	95	95	0						
	R9	Residential	Bedroom	W12/F05	31	29	2.3	7.4	94	94	0						
	R10	Residential	LKD	W13/F05	28	26	2.1	7.6	64	64	0						

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	VSC(WINDOW)				NSL			APSH (WINDOW)					
					EX %	PR %	LOSS	%	EX %	PR %	LOSS %	EX		PR		LOSS %	
												ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
	R11	Residential	Bedroom	W14/F05	31	29	2	6.4	98	98	0						
	R12	Residential	Bedroom	W15/F05	32	30	2	6.3	97	97	0						
	R13	Residential	Bedroom	W16/F05	32	30	1.9	6	95	95	0						
	R14	Residential	Bedroom	W17/F05	32	30	1.9	6	97	97	0						
	R15	Residential	Bedroom	W18/F05	31	29	1.9	6.1	97	97	0						
	R16	Residential	LKD	W19/F05	31	29	1.9	6.1	95	95	0						
				W20/F05	31	29	1.9	6.2									

CHORLTON MILL																	
F00	R2	Residential	Studio-Apt	W2/F00	12	12	0.5	4.2	92	92	0.3	14	0	14	0	0	0
				W29/F00	12	12	0.2	1.6				37	12	37	12	0	0
				W30/F00	7.6	6.7	0.9	11.8				18	9	18	9	0	0
				W31/F00	20	19	0.8	4.1				23	4	23	4	0	0
	R5	Residential	LKD	W14/F00	24	24	0.4	1.7	78	78	0	30	9	30	9	0	0
				W15/F00	24	24	0.5	2				41	13	41	13	0	0
	R6	Residential	Bedroom	W16/F00	25	24	0.5	2	72	72	0						
	R7	Residential	Bedroom	W17/F00	25	24	0.6	2.4	72	72	0						
	R8	Residential	LKD	W18/F00	25	25	0.5	2	80	80	0	46	9	46	9	0	0
				W19/F00	26	25	0.6	2.4				44	6	44	6	0	0
	R9**	Residential	LKD	W20/F00	26	25	0.6	2.3	67	67	0	45	7	45	7	0	0
				W21/F00	26	25	0.5	1.9				47	9	47	9	0	0
	R10	Residential	Bedroom	W22/F00	26	26	0.4	1.5	99	99	0						
	R11	Residential	Bedroom	W23/F00	27	26	0.3	1.1	92	92	0						
	R12	Residential	Bedroom	W24/F00	27	27	0.1	0.4	94	94	0						
	R13	Residential	LKD	W25/F00	27	27	0	0	96	96	0	53	11	53	11	0	0
				W26/F00	26	26	0	0				54	12	54	12	0	0
F01	R1	Residential	Studio-Apt	W1/F01	13	12	0.5	3.9	84	81	3.6	15	0	15	0	0	0
				W21/F01	4	4	0	0				9	9	9	9	0	0
				W22/F01	0.8	0.7	0.1	12.5				2	0	2	0	0	0
				W23/F01	14	13	0.7	5				19	4	19	4	0	0
	R5	Residential	LKD	W6/F01	27	27	0.4	1.5	92	92	0	38	9	38	9	0	0
				W7/F01	27	27	0.5	1.8				46	13	46	13	0	0
	R6	Residential	Bedroom	W8/F01	28	28	0.5	1.8	84	84	0						
	R7	Residential	Bedroom	W9/F01	28	28	0.6	2.1	82	82	0						
	R8	Residential	LKD	W10/F01	29	28	0.6	2.1	95	95	0	53	11	53	11	0	0
				W11/F01	29	28	0.6	2.1				49	7	49	7	0	0
	R9**	Residential	LKD	W12/F01	29	28	0.6	2.1	95	95	0	50	7	50	7	0	0
				W13/F01	29	28	0.5	1.7				53	10	53	10	0	0
	R10	Residential	Bedroom	W14/F01	29	29	0.5	1.7	99	99	0						
	R11	Residential	Bedroom	W15/F01	30	30	0.3	1	98	98	0						
	R12	Residential	Bedroom	W16/F01	30	30	0	0	98	98	0						
	R13	Residential	LKD	W17/F01	30	30	0	0	99	99	0	57	13	57	13	0	0
				W18/F01	29	29	0	0				58	14	58	14	0	0
F02	R1	Residential	Studio-Apt	W1/F02	13	13	0.6	4.5	98	97	0.5	16	0	16	0	0	0

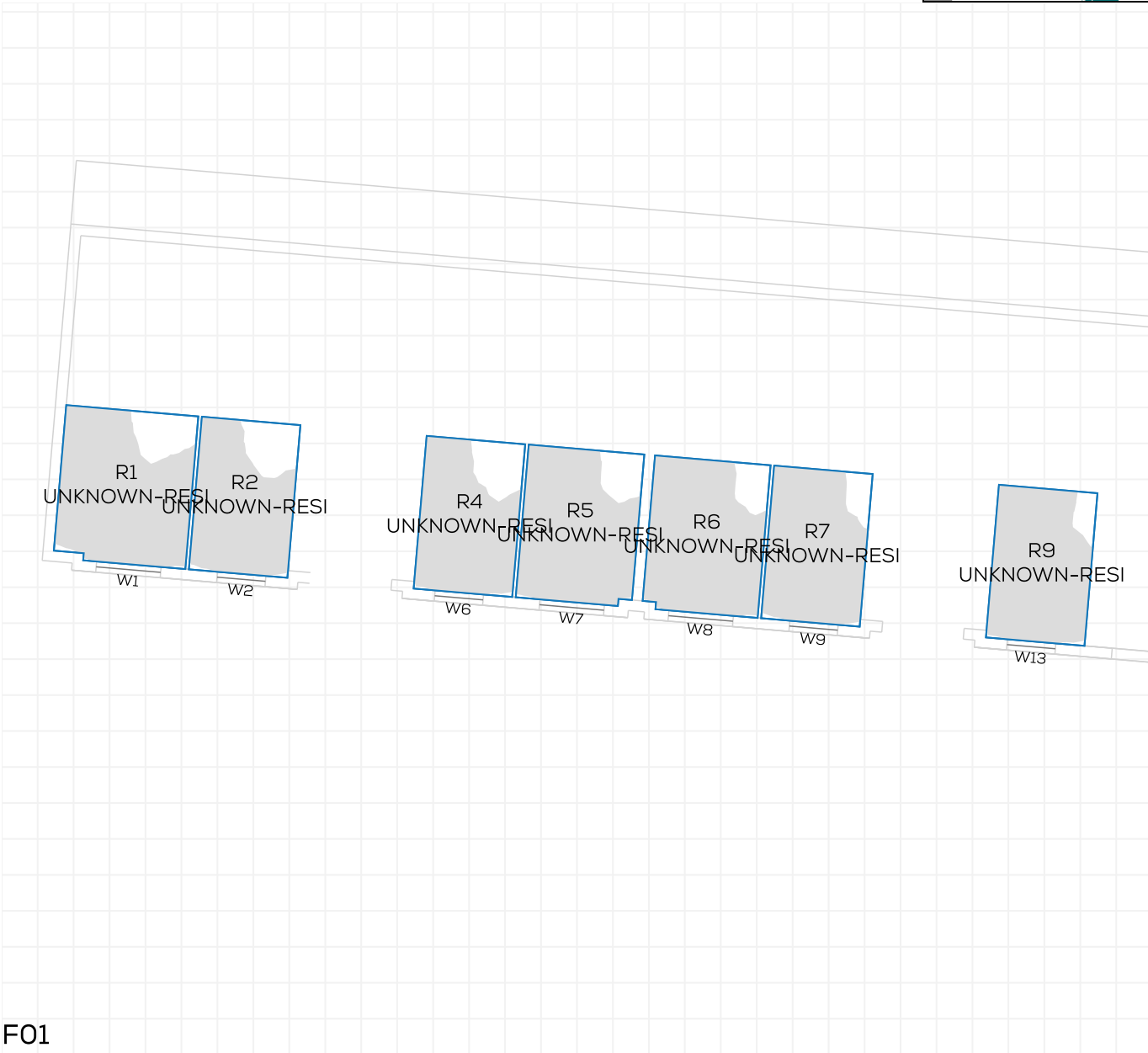
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	VSC(WINDOW)				NSL			APSH (WINDOW)					
					EX %	PR %	LOSS	%	EX %	PR %	LOSS %	EX		PR		LOSS %	
												ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
				W21/F02	7.9	7.8	0.1	1.3				17	17	17	17	0	0
				W22/F02	2.2	1.9	0.3	13.6				6	3	6	3	0	0
				W23/F02	18	18	0.8	4.4				24	4	24	4	0	0
	R5	Residential	LKD	W6/F02	30	30	0.5	1.7	97	97	0	46	10	46	10	0	0
				W7/F02	31	30	0.5	1.6				53	13	53	13	0	0
	R6	Residential	Bedroom	W8/F02	31	31	0.5	1.6	93	93	0						
	R7	Residential	Bedroom	W9/F02	32	31	0.6	1.9	92	92	0						
	R8	Residential	LKD	W10/F02	32	31	0.6	1.9	98	98	0	56	12	56	12	0	0
				W11/F02	32	32	0.6	1.9				56	12	56	12	0	0
	R9**	Residential	LKD	W12/F02	32	32	0.6	1.9	99	99	0	57	13	57	13	0	0
				W13/F02	32	32	0.6	1.9				56	12	56	12	0	0
	R10	Residential	Bedroom	W14/F02	32	32	0.4	1.2	99	99	0						
	R11	Residential	Bedroom	W15/F02	33	33	0.4	1.2	97	97	0						
	R12	Residential	Bedroom	W16/F02	33	33	0.1	0.3	97	97	0						
	R13	Residential	LKD	W17/F02	33	33	0	0	98	98	0	61	17	61	17	0	0
				W18/F02	31	31	0	0				63	19	63	19	0	0
F03	R1	Residential	Studio-Apt	W1/F03	14	13	0.7	5	98	97	0.6	16	0	16	0	0	0
				W21/F03	8.8	8.7	0.1	1.1				19	19	19	19	0	0
				W22/F03	2.7	2.4	0.3	11.1				6	3	6	3	0	0
				W23/F03	19	18	0.9	4.9				23	4	23	4	0	0
	R5	Residential	LKD	W6/F03	33	32	0.5	1.5	99	99	0	51	11	51	11	0	0
				W7/F03	33	33	0.5	1.5				56	14	56	14	0	0
	R6	Residential	Bedroom	W8/F03	34	33	0.5	1.5	97	97	0						
	R7	Residential	Bedroom	W9/F03	34	34	0.6	1.8	95	95	0						
	R8	Residential	LKD	W10/F03	35	34	0.6	1.7	98	98	0	58	14	58	14	0	0
				W11/F03	35	34	0.7	2				58	14	58	14	0	0
	R9**	Residential	LKD	W12/F03	35	34	0.6	1.7	99	99	0	59	15	59	15	0	0
				W13/F03	35	34	0.6	1.7				62	18	62	18	0	0
	R10	Residential	Bedroom	W14/F03	35	34	0.6	1.7	99	99	0						
	R11	Residential	Bedroom	W15/F03	35	35	0.4	1.1	97	97	0						
	R12	Residential	Bedroom	W16/F03	35	35	0.1	0.3	97	97	0						
	R13	Residential	LKD	W17/F03	34	34	0	0	98	98	0	65	21	65	21	0	0
				W18/F03	33	33	0	0				65	21	65	21	0	0
F04	R1	Residential	Studio-Apt	W1/F04	15	14	0.7	4.8	97	97	0.6	16	0	16	0	0	0
				W21/F04	6.7	6.6	0.1	1.5				17	17	17	17	0	0
				W22/F04	2.2	1.9	0.3	13.6				4	2	4	2	0	0
				W23/F04	17	16	0.9	5.4				20	2	20	2	0	0
	R5	Residential	LKD	W6/F04	35	35	0.5	1.4	99	99	0	59	15	59	15	0	0
				W7/F04	35	35	0.5	1.4				62	18	62	18	0	0
	R6	Residential	Bedroom	W8/F04	36	36	0.5	1.4	97	97	0						
	R7	Residential	Bedroom	W9/F04	36	36	0.6	1.6	95	95	0						
	R8	Residential	LKD	W10/F04	37	36	0.5	1.4	98	98	0	61	17	61	17	0	0
				W11/F04	37	36	0.6	1.6				60	16	60	16	0	0
	R9**	Residential	LKD	W12/F04	37	36	0.7	1.9	99	99	0	63	19	63	19	0	0

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	VSC(WINDOW)				NSL			APSH (WINDOW)					
					EX %	PR %	LOSS	%	EX %	PR %	LOSS %	EX		PR		LOSS %	
												ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
				W13/F04	37	36	0.6	1.6				65	21	65	21	0	0
	R10	Residential	Bedroom	W14/F04	37	36	0.6	1.6	99	99	0						
	R11	Residential	Bedroom	W15/F04	37	36	0.5	1.4	97	97	0						
	R12	Residential	Bedroom	W16/F04	36	36	0.1	0.3	97	97	0						
	R13	Residential	LKD	W17/F04	35	35	0	0	98	98	0	66	22	66	22	0	0
				W18/F04	34	34	0	0				64	22	64	22	0	0
F05	R1	Residential	Studio-Apt	W1/F05	15	14	0.7	4.6	99	98	0.5	57	9	57	9	0	0
				W21/F05	21	20	1	4.8				49	21	49	21	0	0
				W22/F05	14	13	1	7.1				30	12	30	12	0	0
				W23/F05	26	25	0.9	3.5				37	10	37	10	0	0
	R4	Residential	LKD	W6/F05	37	37	0.4	1.1	99	99	0	63	19	63	19	0	0
				W7/F05	37	37	0.4	1.1				63	19	63	19	0	0
	R5	Residential	Bedroom	W8/F05	38	37	0.5	1.3	98	98	0						
	R6	Residential	Bedroom	W9/F05	38	37	0.6	1.6	95	95	0						
	R7	Residential	LKD	W10/F05	38	37	0.6	1.6	98	98	0	65	21	65	21	0	0
				W11/F05	38	37	0.6	1.6				62	18	62	18	0	0
	R8**	Residential	LKD	W12/F05	38	37	0.6	1.6	99	99	0	66	22	66	22	0	0
				W13/F05	38	37	0.6	1.6				66	22	66	22	0	0
	R9	Residential	Bedroom	W14/F05	38	37	0.5	1.3	99	99	0						
	R10	Residential	Bedroom	W15/F05	37	37	0.4	1.1	98	98	0						
	R11	Residential	Bedroom	W16/F05	37	37	0.2	0.5	98	98	0						
	R12	Residential	LKD	W17/F05	36	36	0	0	98	98	0	67	22	67	22	0	0
				W18/F05	35	35	0	0				66	22	66	22	0	0

NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: 21-35 WHITWORTH STREET WEST
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL1
SCHEME IR: IR14 + 1 FLOOR

KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID

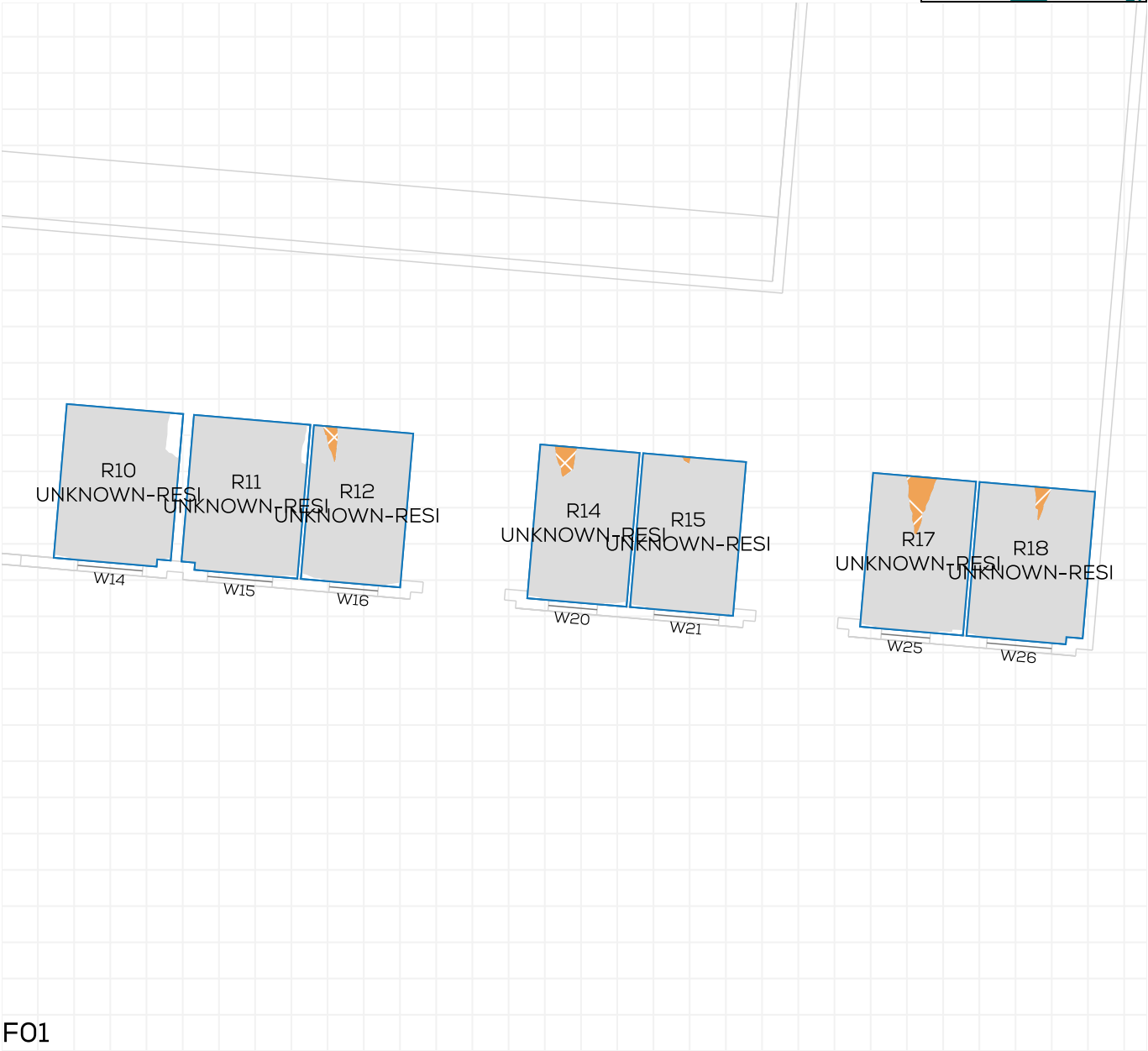


F01

NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: 21-35 WHITWORTH STREET WEST
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL2
SCHEME IR: IR14 + 1 FLOOR

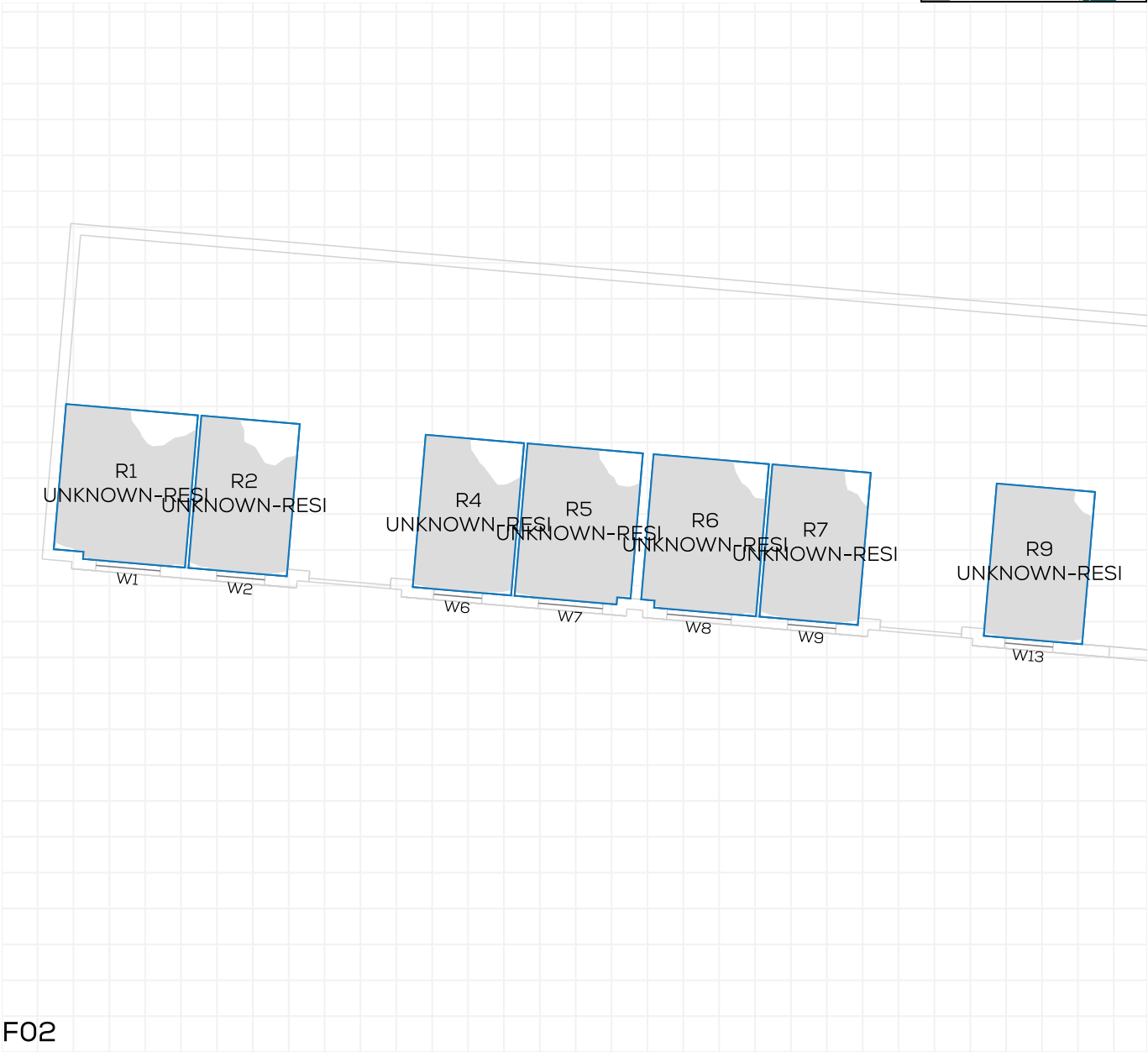
KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: 21-35 WHITWORTH STREET WEST
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL3
SCHEME IR: IR14 + 1 FLOOR

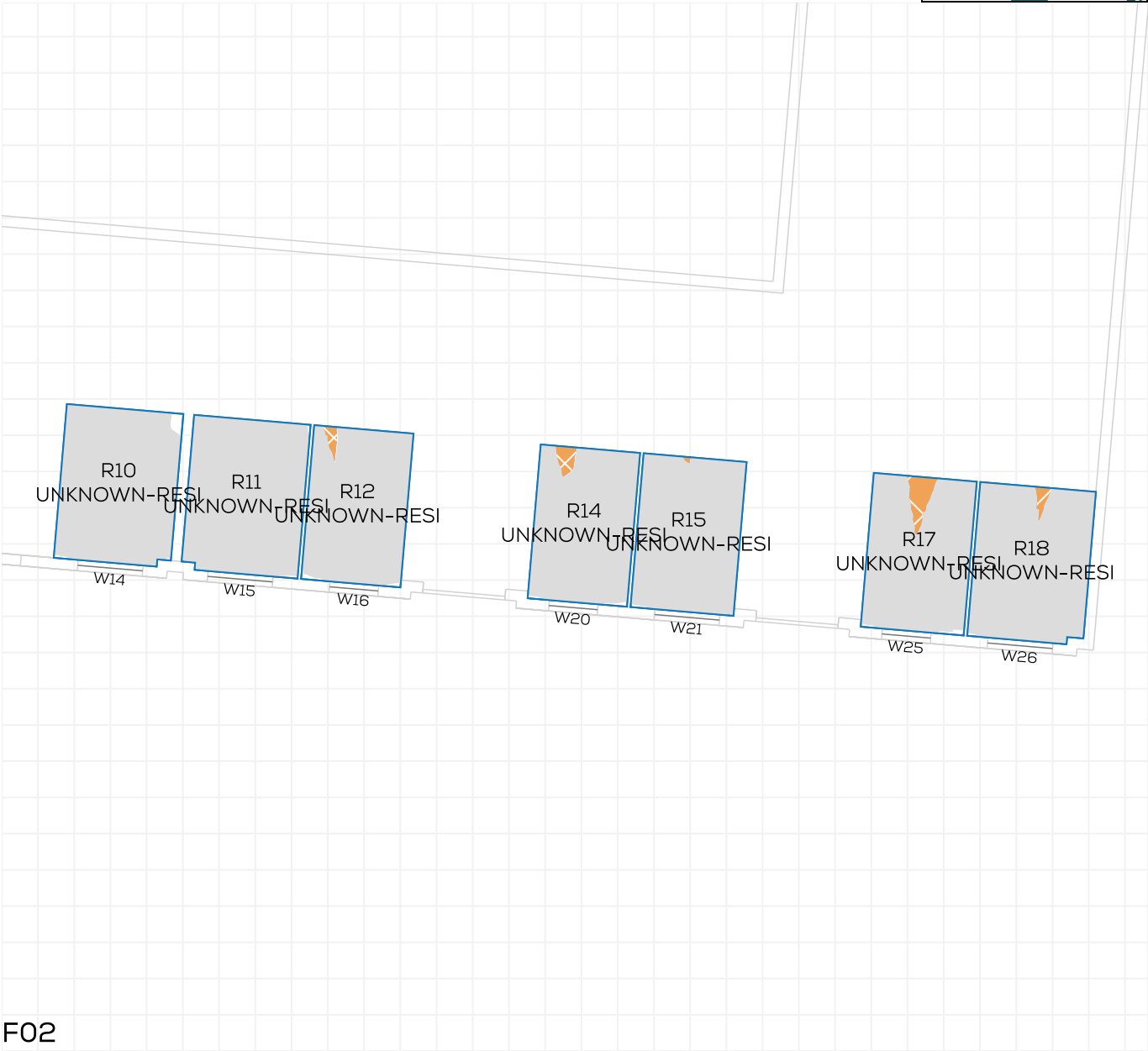
KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: 21-35 WHITWORTH STREET WEST
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL4
SCHEME IR: IR14 + 1 FLOOR

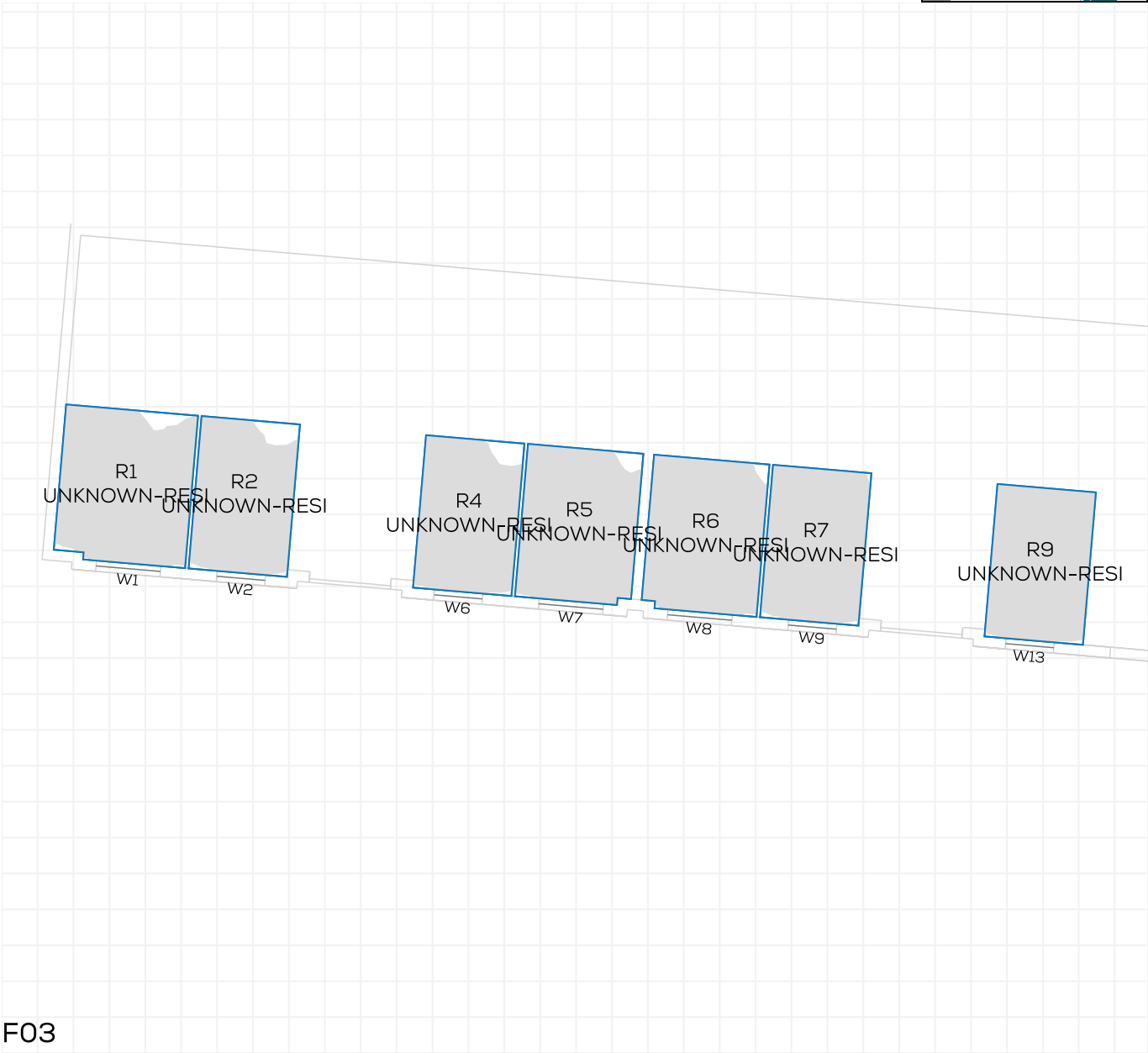
KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: 21-35 WHITWORTH STREET WEST
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL5
SCHEME IR: IR14 + 1 FLOOR

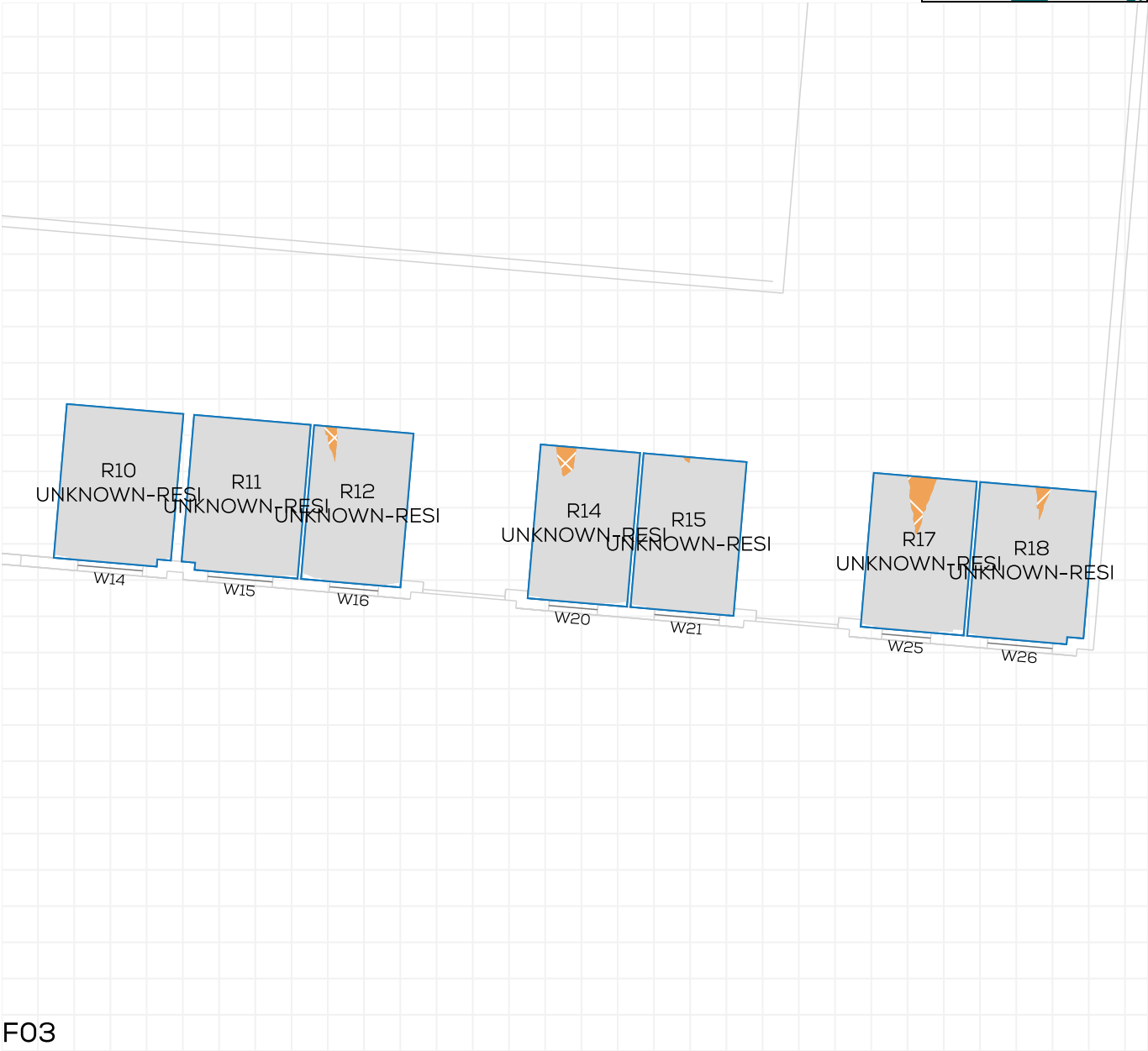
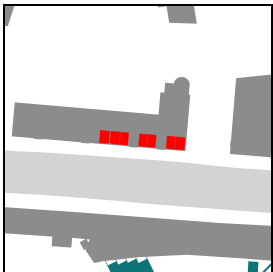
KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: 21-35 WHITWORTH STREET WEST
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL6
SCHEME IR: IR14 + 1 FLOOR

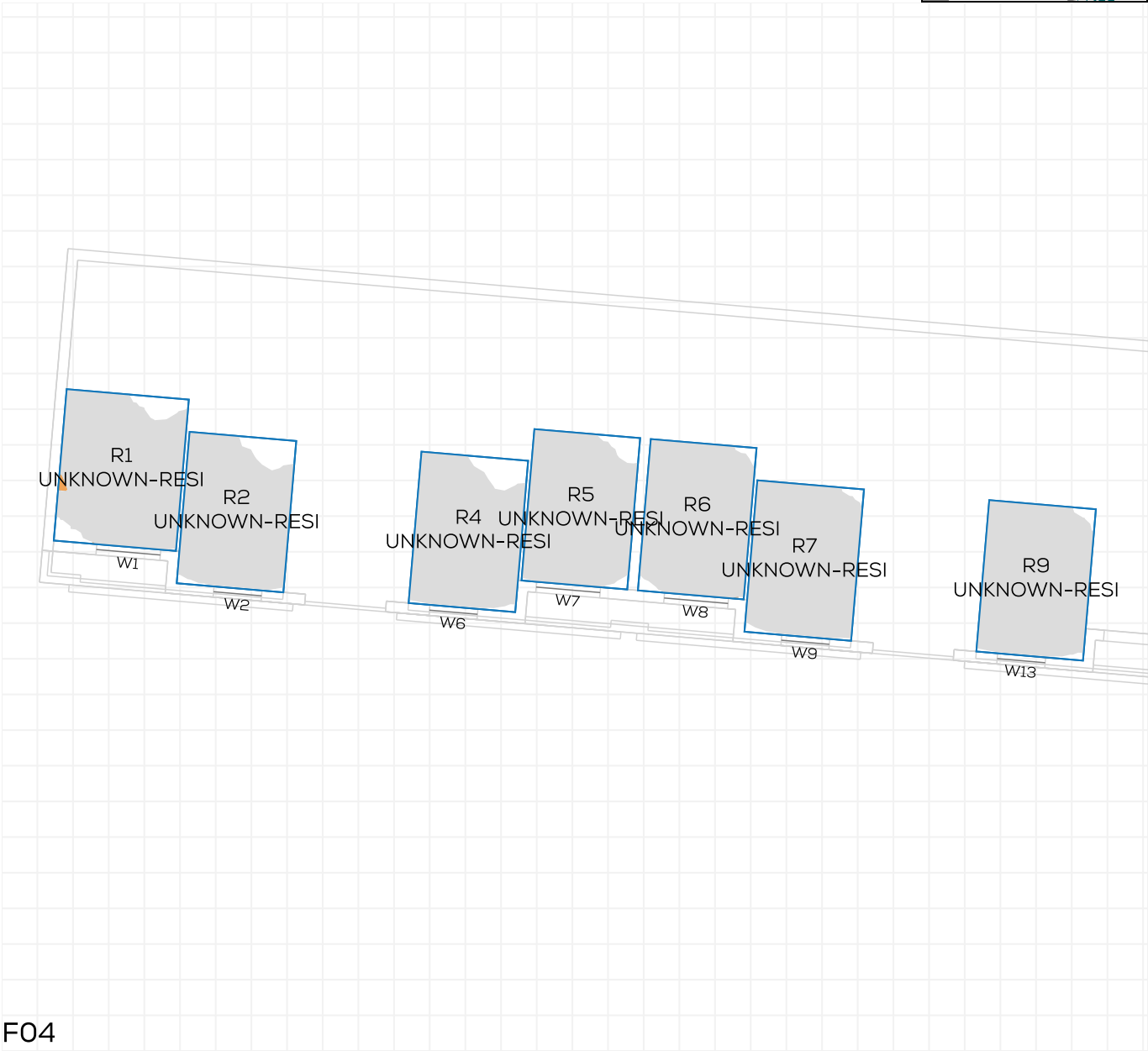
KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: 21-35 WHITWORTH STREET WEST
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL7
SCHEME IR: IR14 + 1 FLOOR

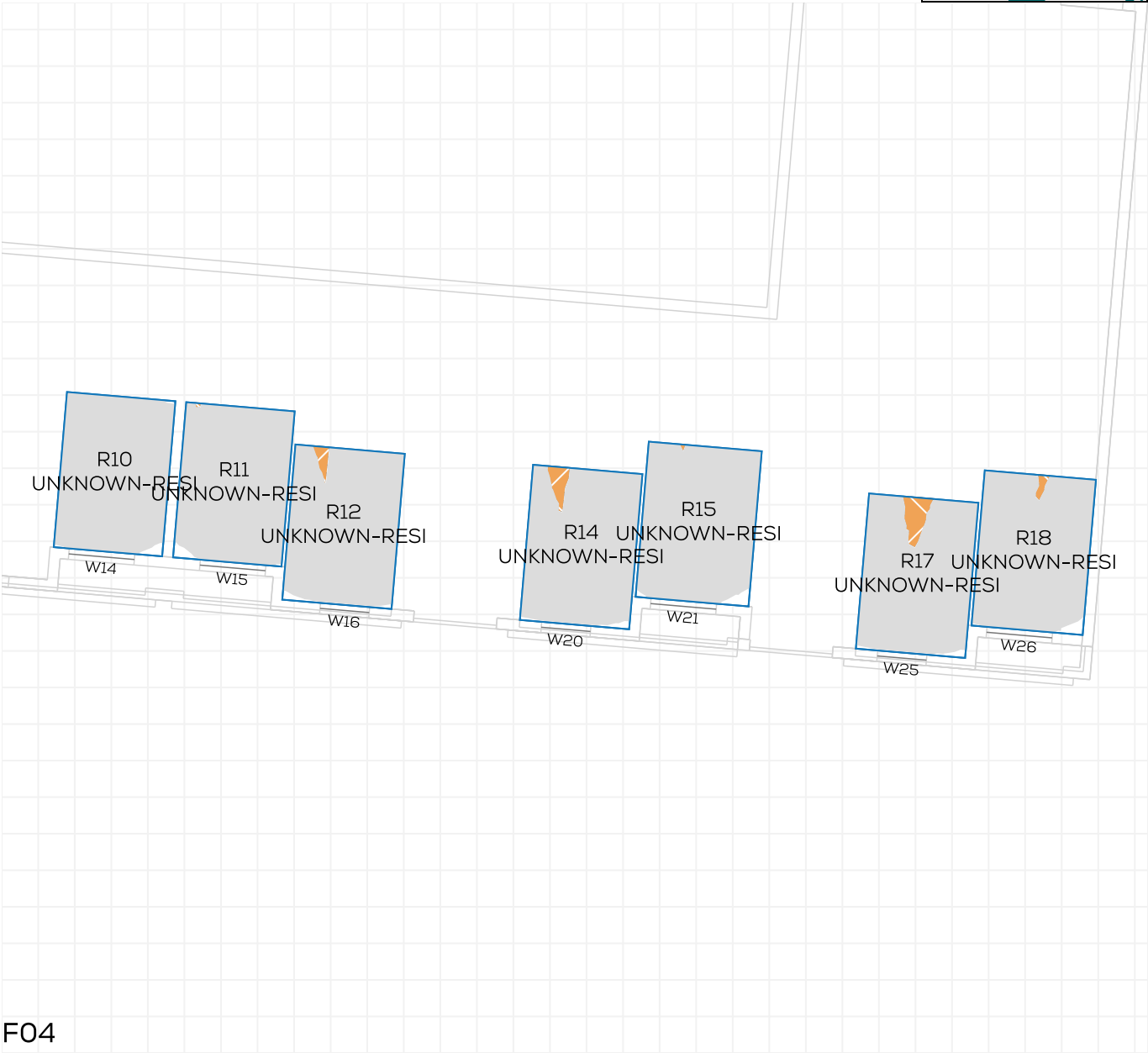
KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: 21-35 WHITWORTH STREET WEST
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL8
SCHEME IR: IR14 + 1 FLOOR

KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER KEY:

REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)

ADDRESS: 84-88 GREAT BRIDGEWATER STREET

DATE: 09/05/2025

DRAWING No.: 20256-REL04-IS03-NSL9

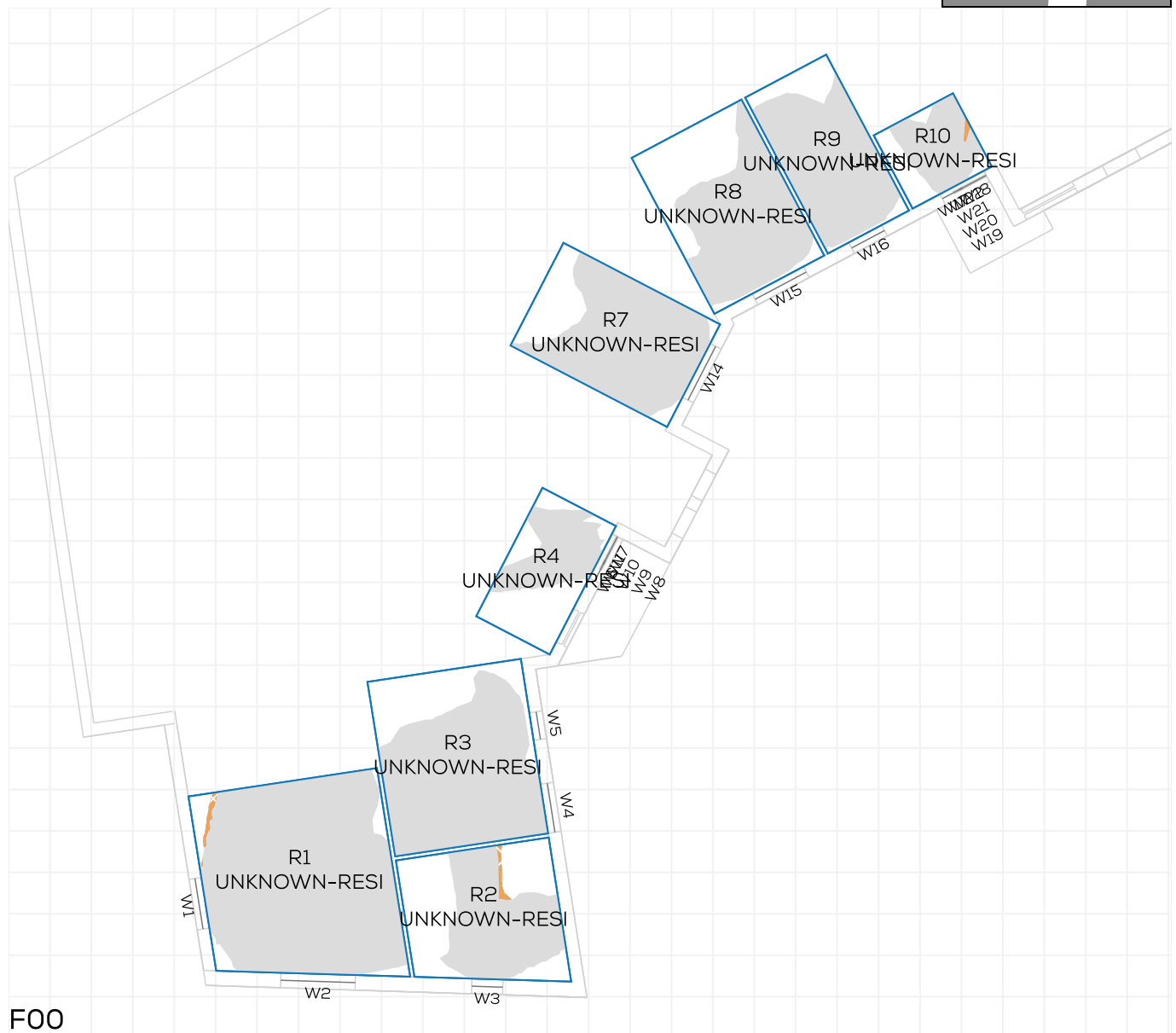
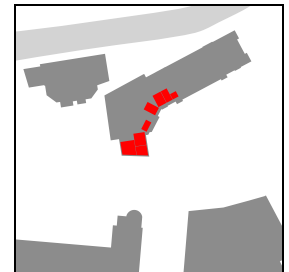
SCHEME IR: IR14 + 1 FLOOR

GAIN

LOSS

MAINTAINED LIT AREA

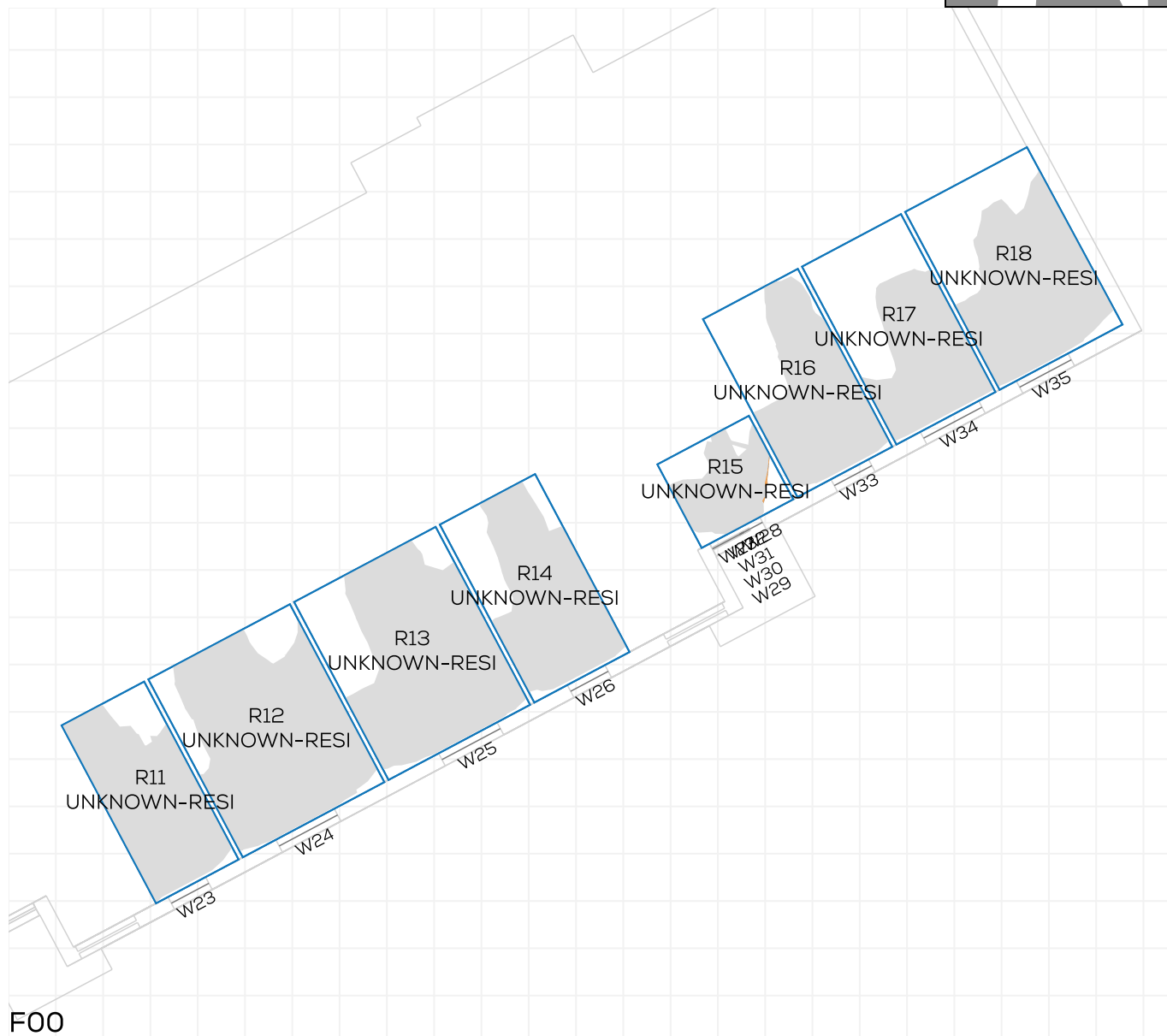
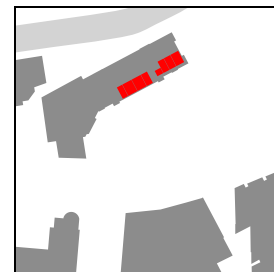
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
 REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
 ADDRESS: 84-88 GREAT BRIDGEWATER STREET
 DATE: 09/05/2025
 DRAWING No.: 20256-REL04-IS03-NSL10
 SCHEME IR: IR14 + 1 FLOOR

KEY:
 GAIN
 LOSS
 MAINTAINED LIT AREA
 1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER KEY:

REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)

ADDRESS: 84-88 GREAT BRIDGEWATER STREET

DATE: 09/05/2025

DRAWING No.: 20256-REL04-IS03-NSL11

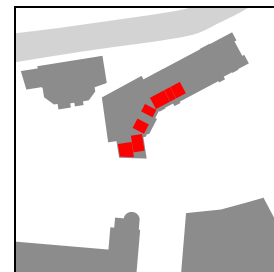
SCHEME IR: IR14 + 1 FLOOR

GAIN

LOSS

MAINTAINED LIT AREA

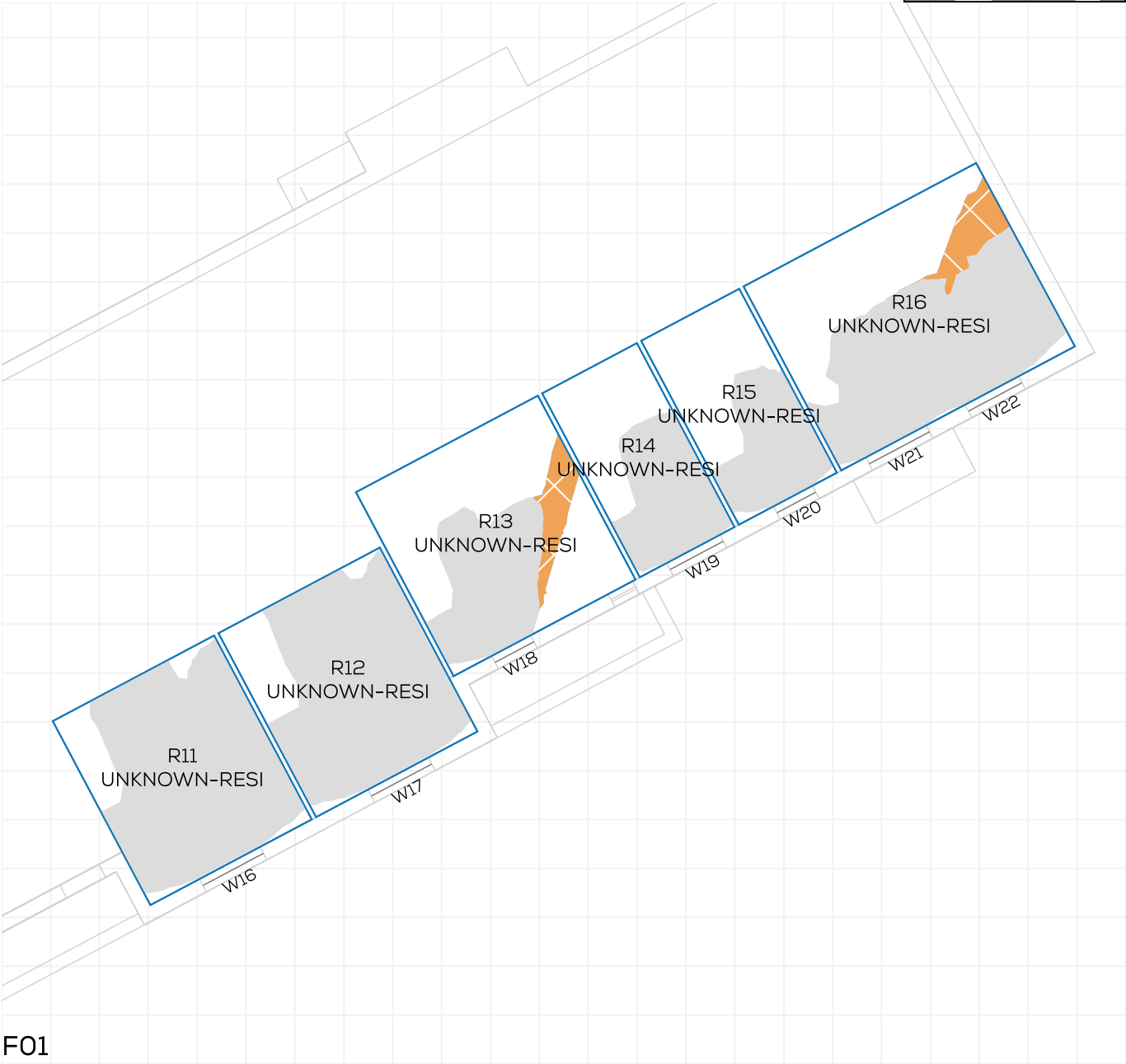
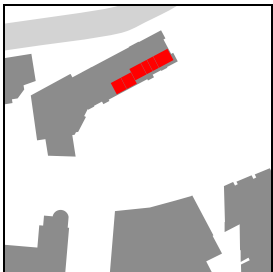
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: 84-88 GREAT BRIDGEWATER STREET
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL12
SCHEME IR: IR14 + 1 FLOOR

KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID

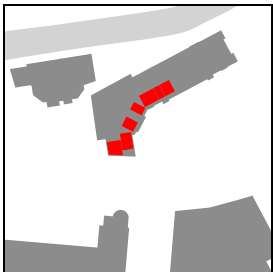


NSL CONTOURS



PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: 84-88 GREAT BRIDGEWATER STREET
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL13
SCHEME IR: IR14 + 1 FLOOR

KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID



F02

NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER KEY:

REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)

ADDRESS: 84-88 GREAT BRIDGEWATER STREET

DATE: 09/05/2025

DRAWING No.: 20256-REL04-IS03-NSL14

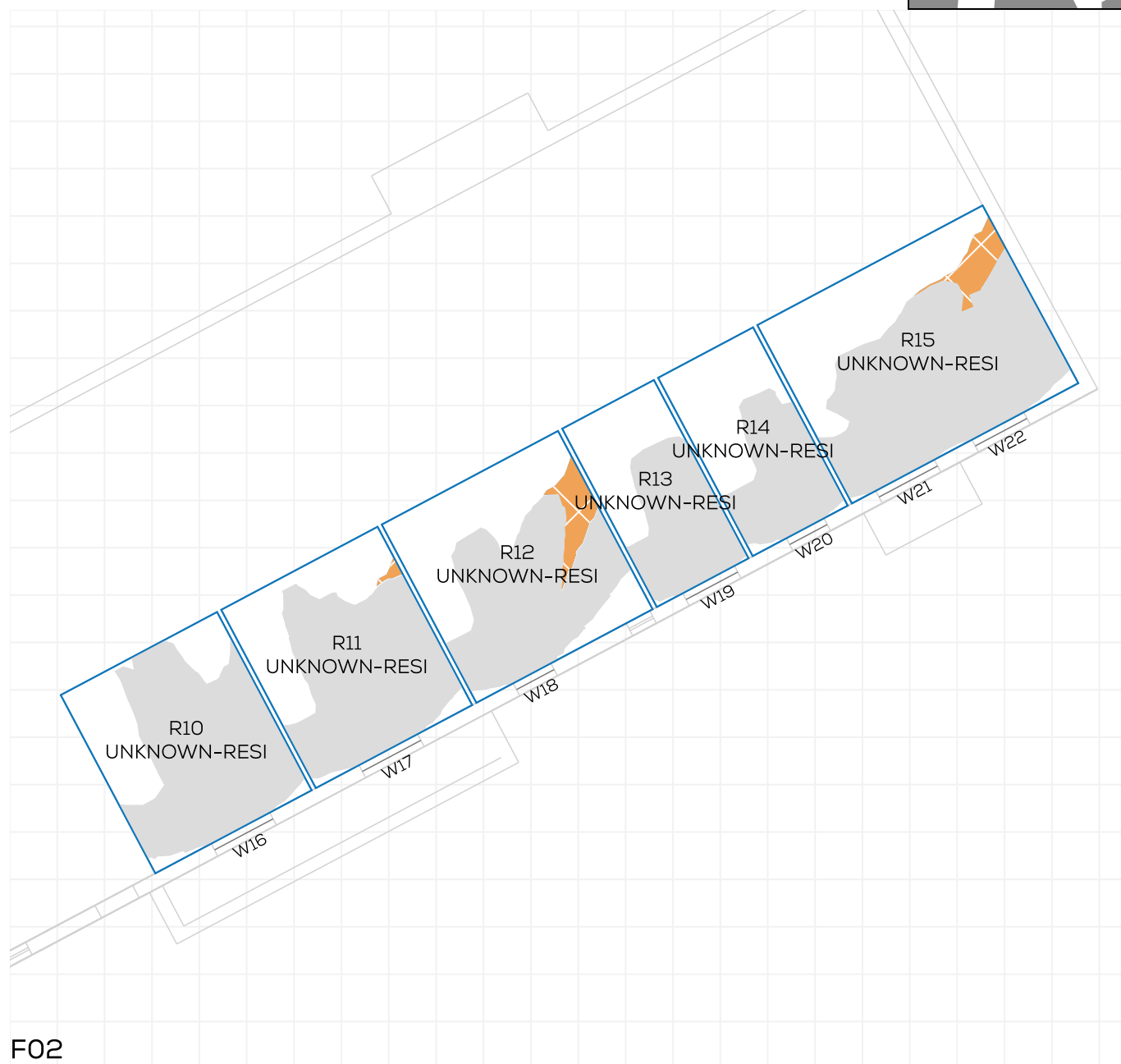
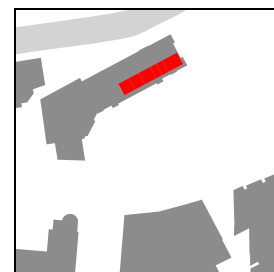
SCHEME IR: IR14 + 1 FLOOR

GAIN

LOSS

MAINTAINED LIT AREA

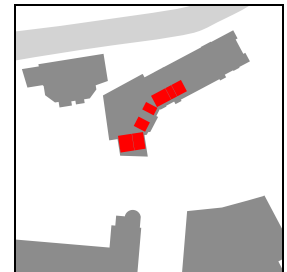
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
 REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
 ADDRESS: 84-88 GREAT BRIDGEWATER STREET
 DATE: 09/05/2025
 DRAWING No.: 20256-REL04-IS03-NSL15
 SCHEME IR: IR14 + 1 FLOOR

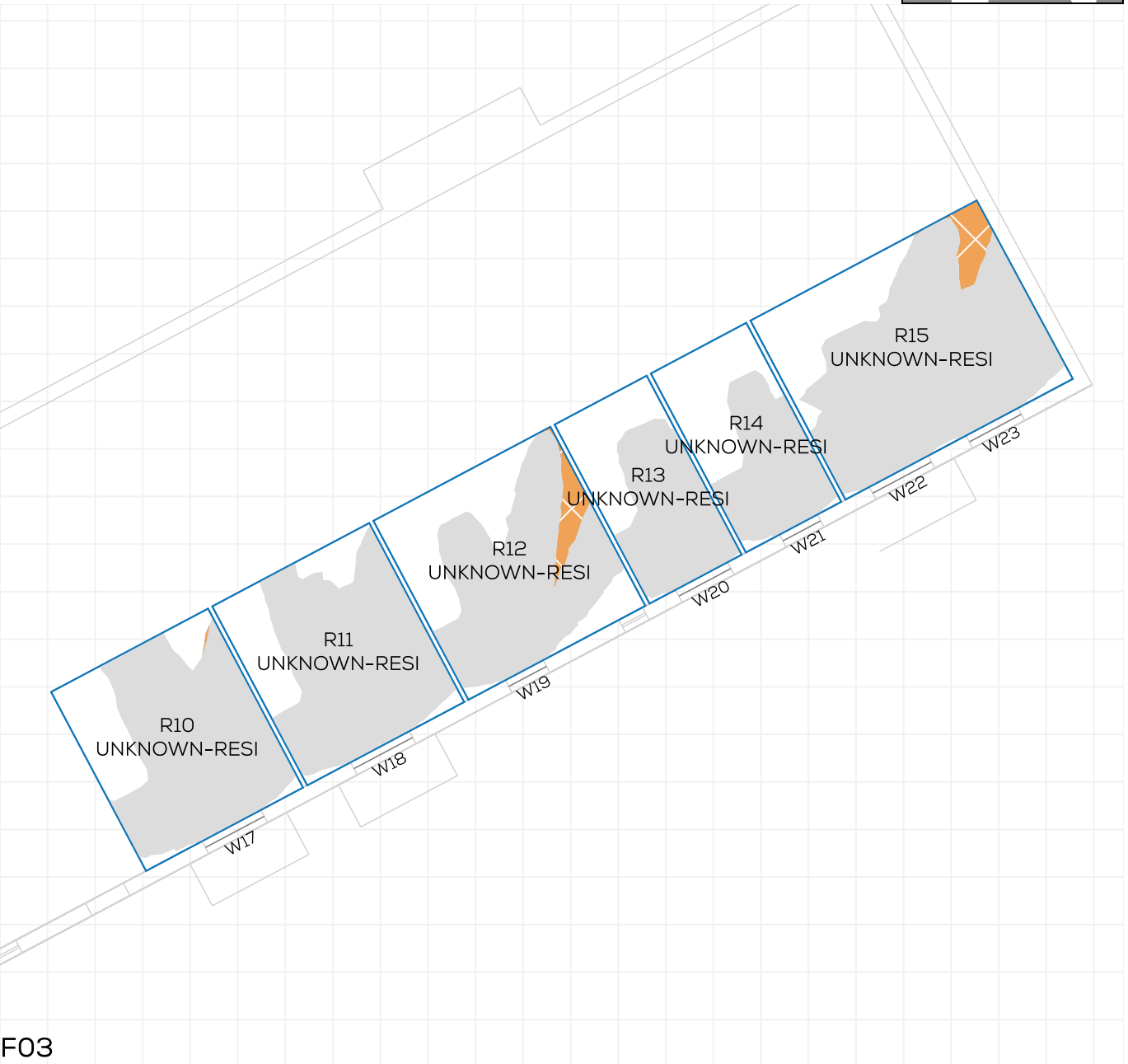
KEY:
 GAIN
 LOSS
 MAINTAINED LIT AREA
 1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
 REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
 ADDRESS: 84-88 GREAT BRIDGEWATER STREET
 DATE: 09/05/2025
 DRAWING No.: 20256-REL04-IS03-NSL16
 SCHEME IR: IR14 + 1 FLOOR

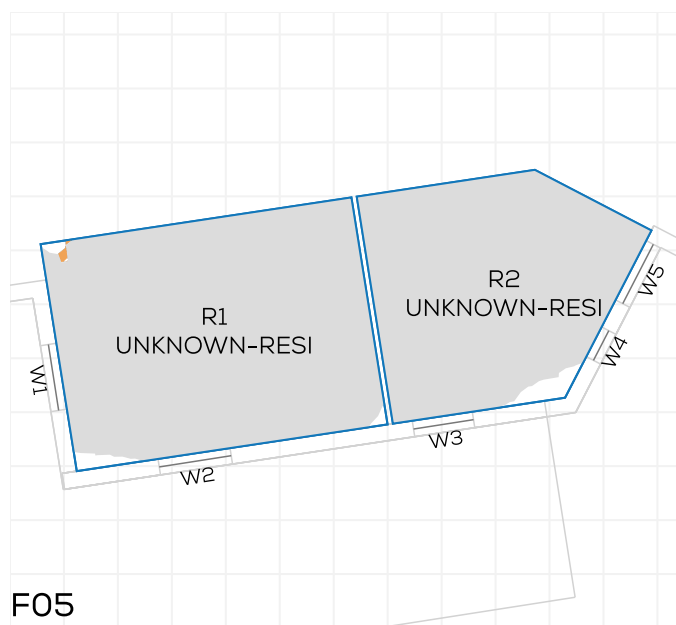
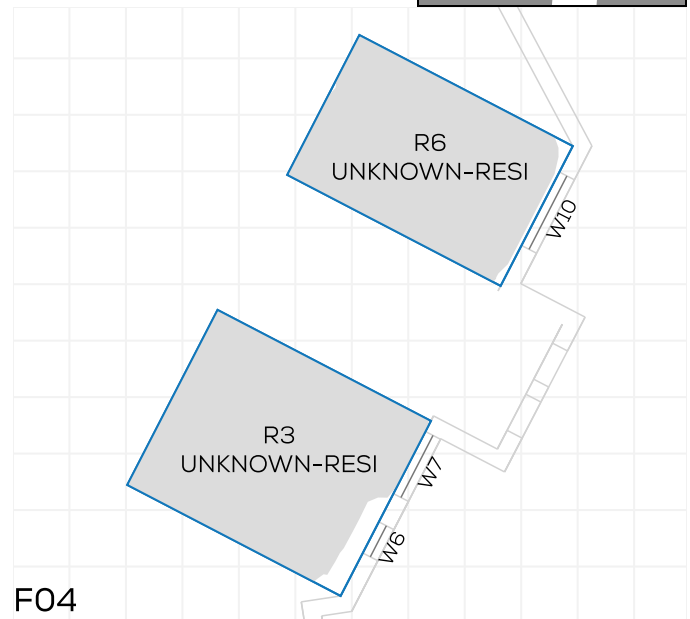
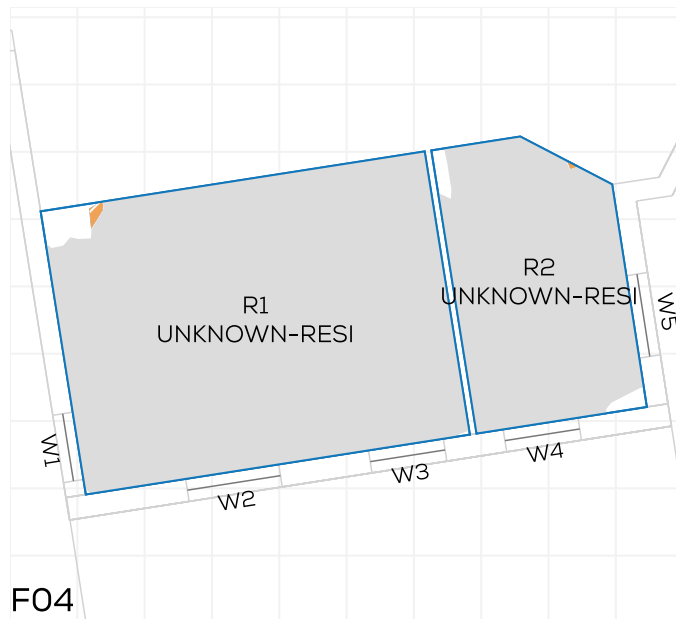
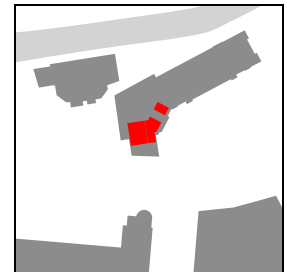
KEY:
 GAIN
 LOSS
 MAINTAINED LIT AREA
 1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
 REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
 ADDRESS: 84-88 GREAT BRIDGEWATER STREET
 DATE: 09/05/2025
 DRAWING No.: 20256-REL04-IS03-NSL17
 SCHEME IR: IR14 + 1 FLOOR

KEY:
 GAIN
 LOSS
 MAINTAINED LIT AREA
 1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: CAMBRIDGE STREET SCHEME
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL18
SCHEME IR: IR14 + 1 FLOOR

KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID

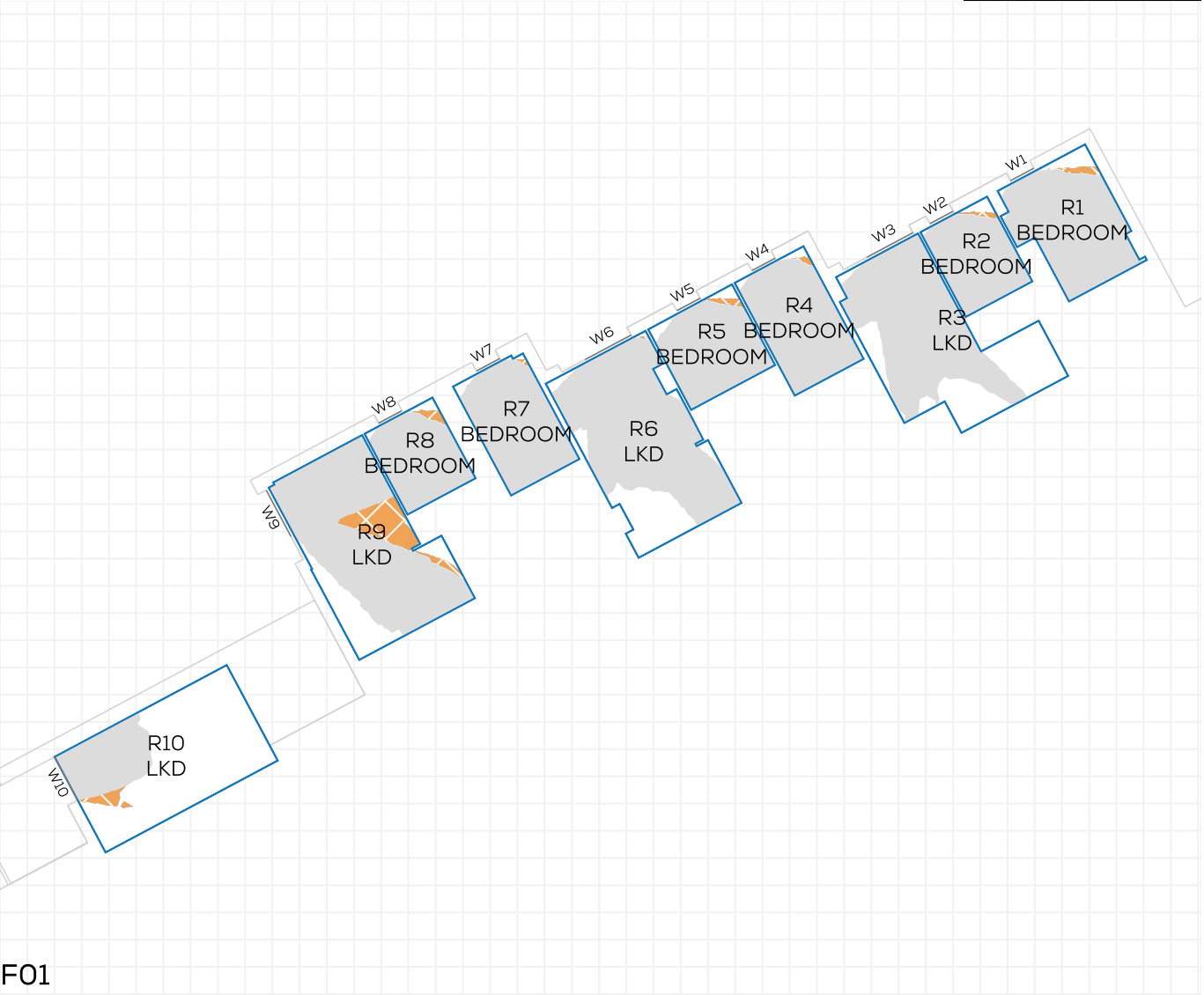


F00

NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: CAMBRIDGE STREET SCHEME
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL19
SCHEME IR: IR14 + 1 FLOOR

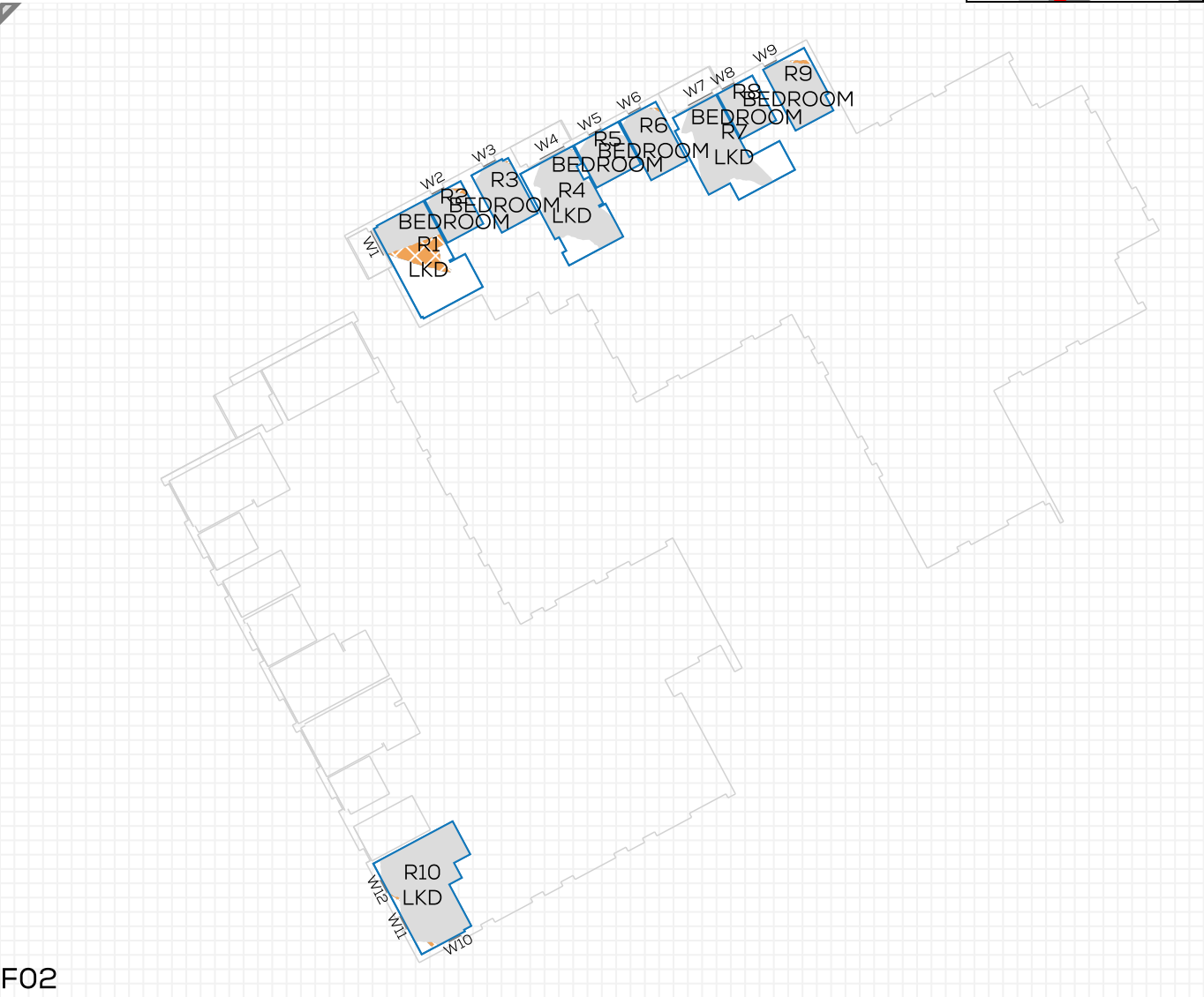
KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: CAMBRIDGE STREET SCHEME
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL20
SCHEME IR: IR14 + 1 FLOOR

KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID



F02

NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER KEY:

REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)

ADDRESS: CAMBRIDGE STREET SCHEME

DATE: 09/05/2025

DRAWING No.: 20256-REL04-IS03-NSL21

SCHEME IR: IR14 + 1 FLOOR

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



F02

NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER KEY:

REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)

ADDRESS: CAMBRIDGE STREET SCHEME

DATE: 09/05/2025

DRAWING No.: 20256-REL04-IS03-NSL22

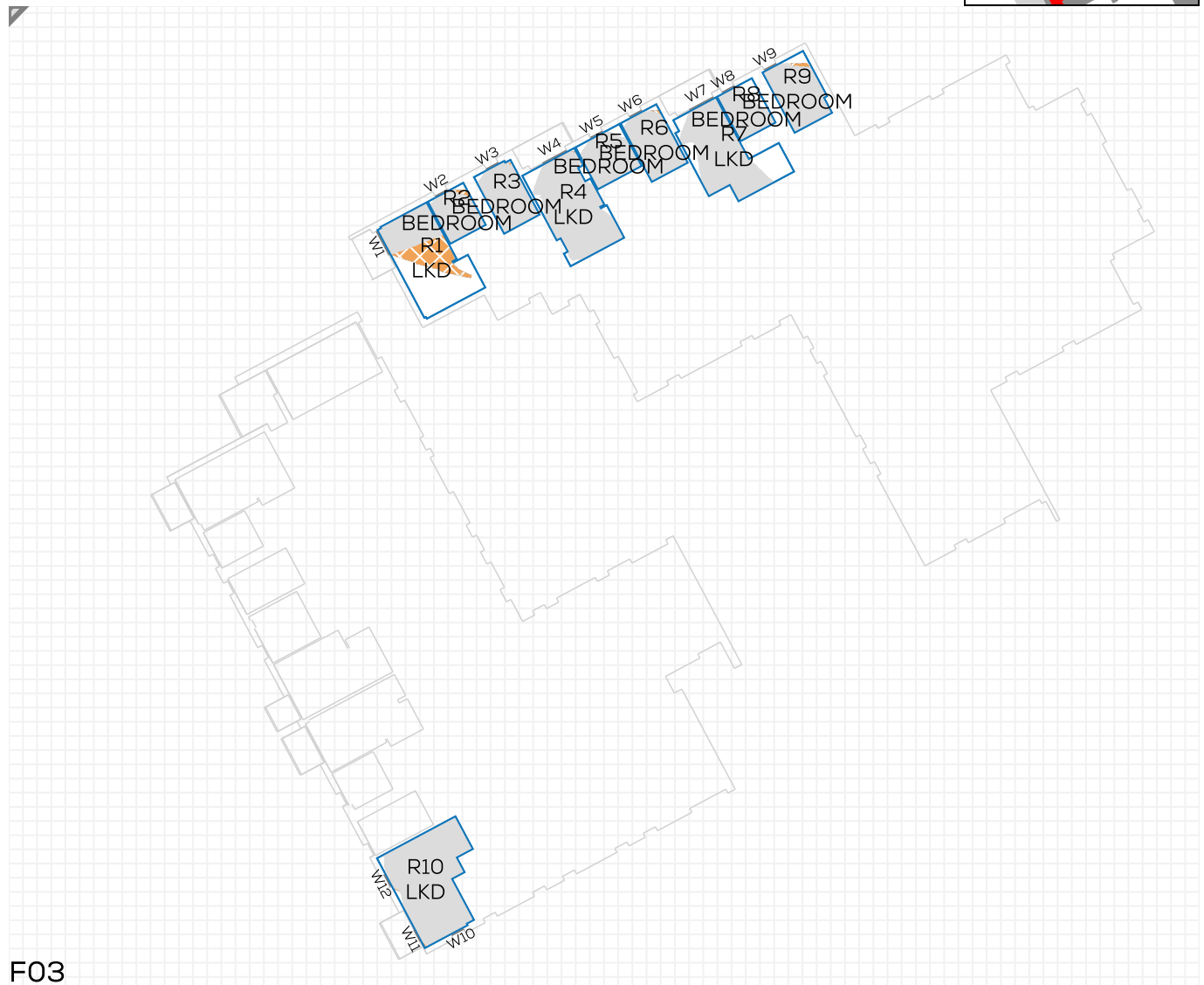
SCHEME IR: IR14 + 1 FLOOR

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER KEY:

REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)

ADDRESS: CAMBRIDGE STREET SCHEME

DATE: 09/05/2025

DRAWING No.: 20256-REL04-IS03-NSL23

SCHEME IR: IR14 + 1 FLOOR

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER KEY:

REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)

ADDRESS: CAMBRIDGE STREET SCHEME

DATE: 09/05/2025

DRAWING No.: 20256-REL04-IS03-NSL24

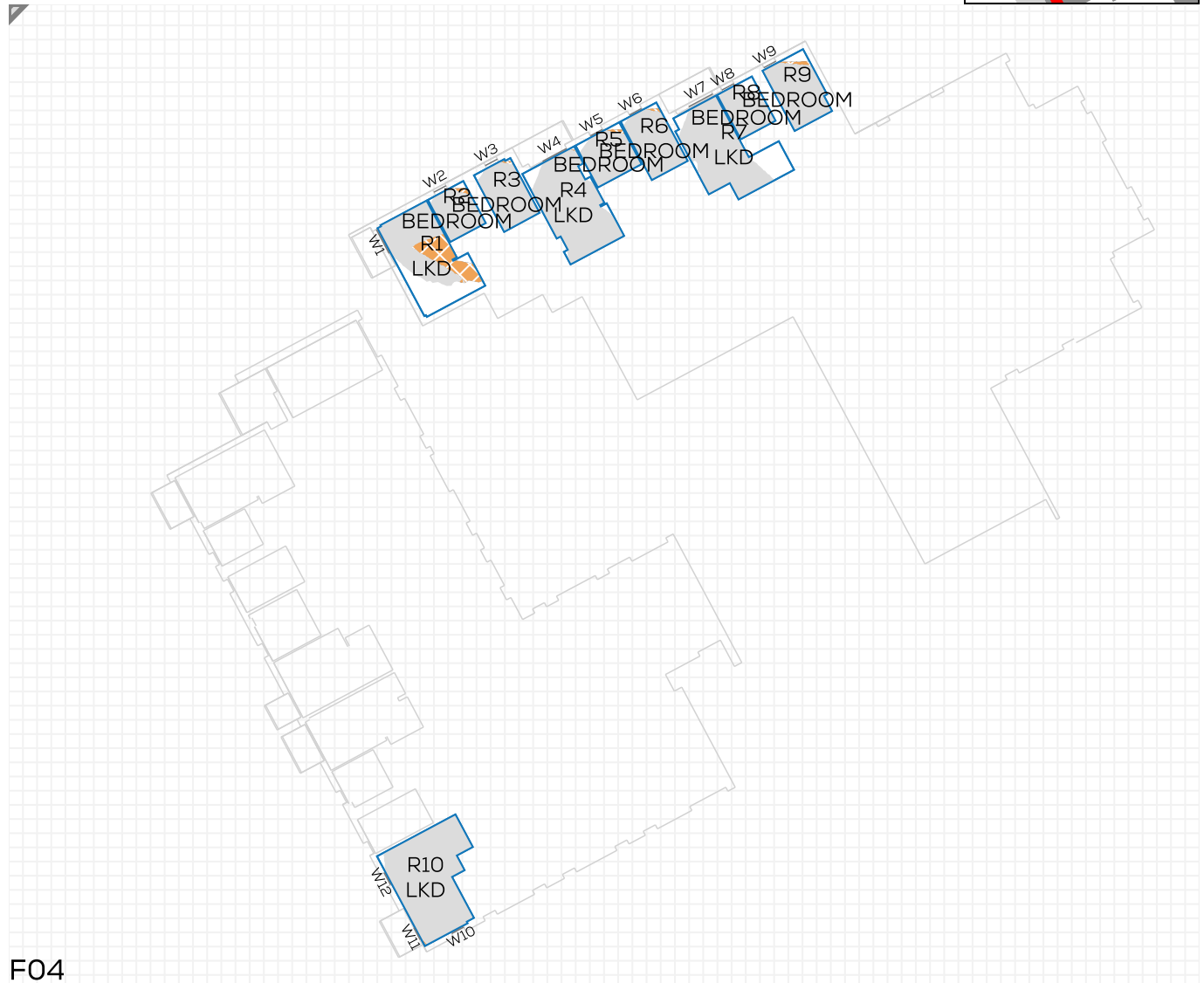
SCHEME IR: IR14 + 1 FLOOR

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



F04

NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER KEY:

REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)

ADDRESS: CAMBRIDGE STREET SCHEME

DATE: 09/05/2025

DRAWING No.: 20256-REL04-IS03-NSL25

SCHEME IR: IR14 + 1 FLOOR

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID

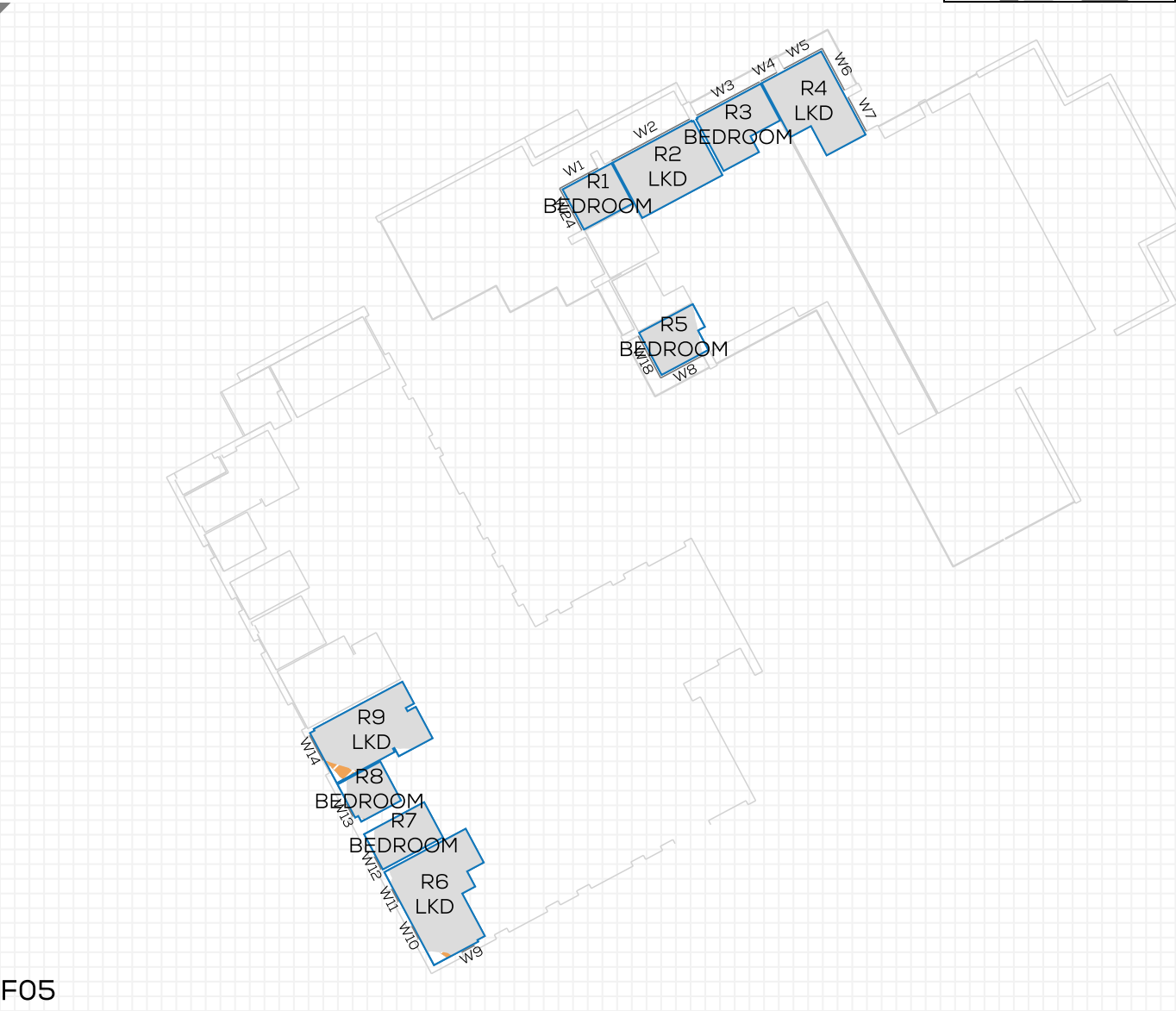


F04

NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: CAMBRIDGE STREET SCHEME
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL26
SCHEME IR: IR14 + 1 FLOOR

KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID



F05

NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER KEY:

REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)

ADDRESS: CAMBRIDGE STREET SCHEME

DATE: 09/05/2025

DRAWING No.: 20256-REL04-IS03-NSL27

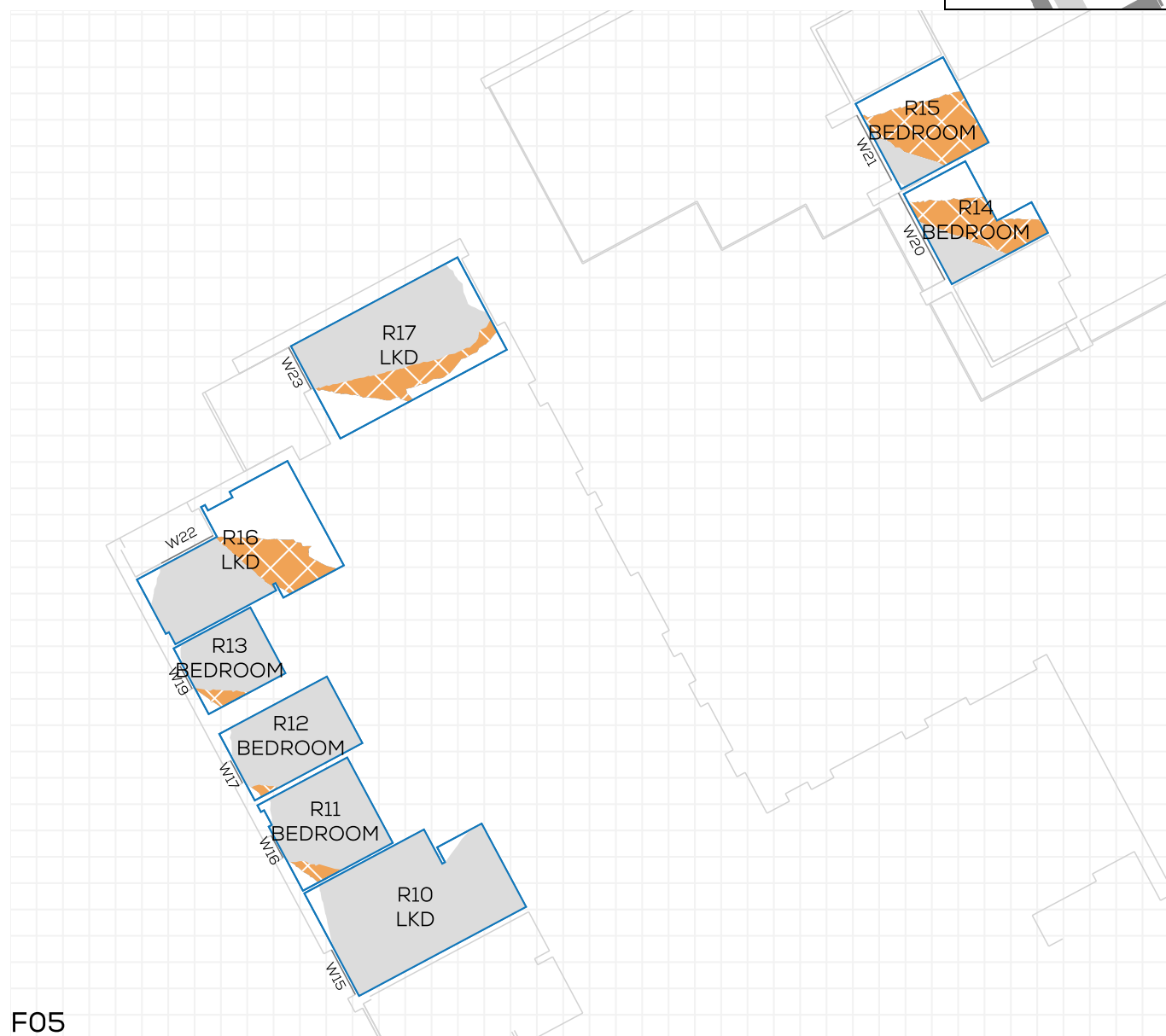
SCHEME IR: IR14 + 1 FLOOR

GAIN

LOSS

MAINTAINED LIT AREA

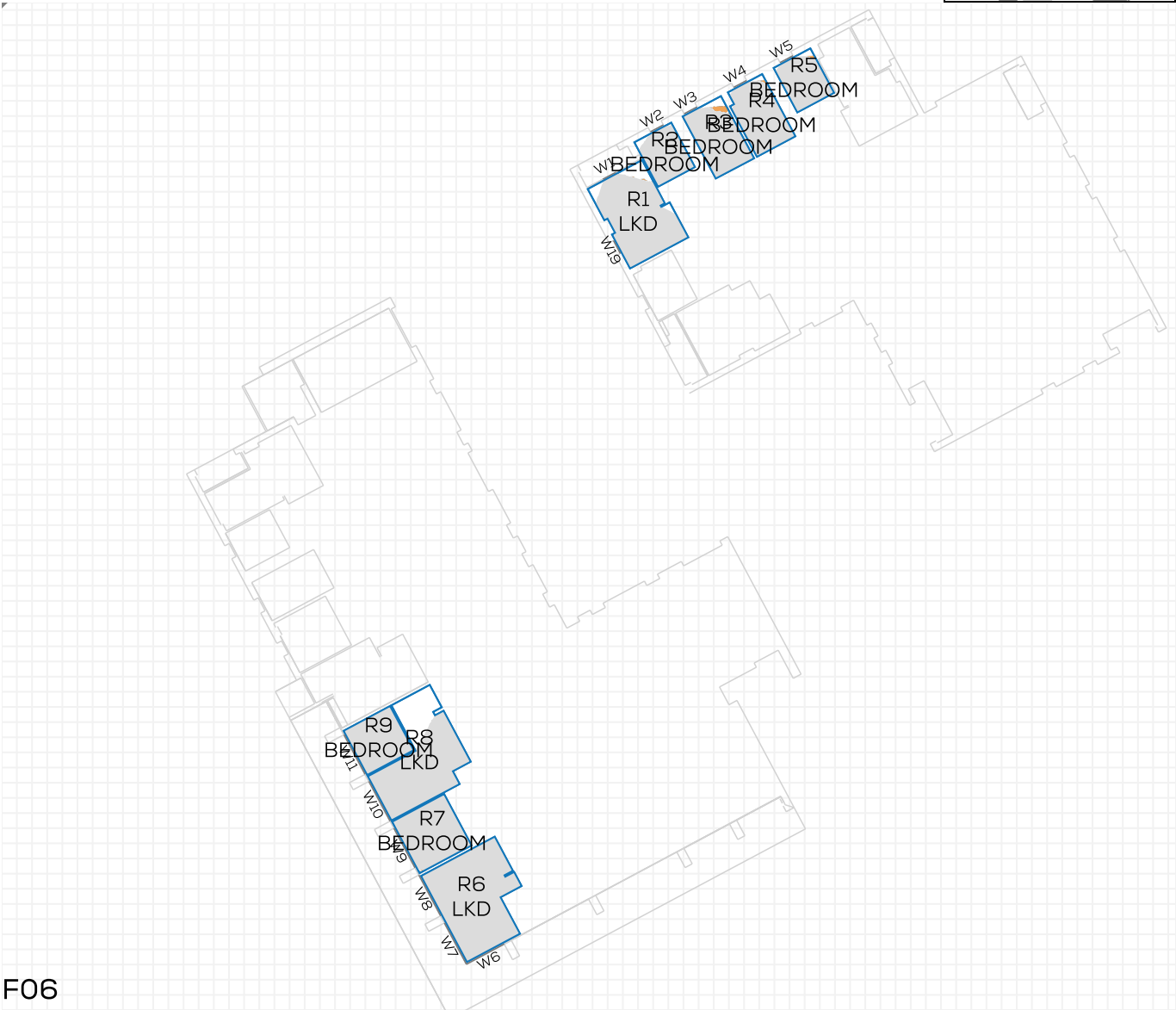
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: CAMBRIDGE STREET SCHEME
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL28
SCHEME IR: IR14 + 1 FLOOR

KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
 REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
 ADDRESS: CAMBRIDGE STREET SCHEME
 DATE: 09/05/2025
 DRAWING No.: 20256-REL04-IS03-NSL29
 SCHEME IR: IR14 + 1 FLOOR

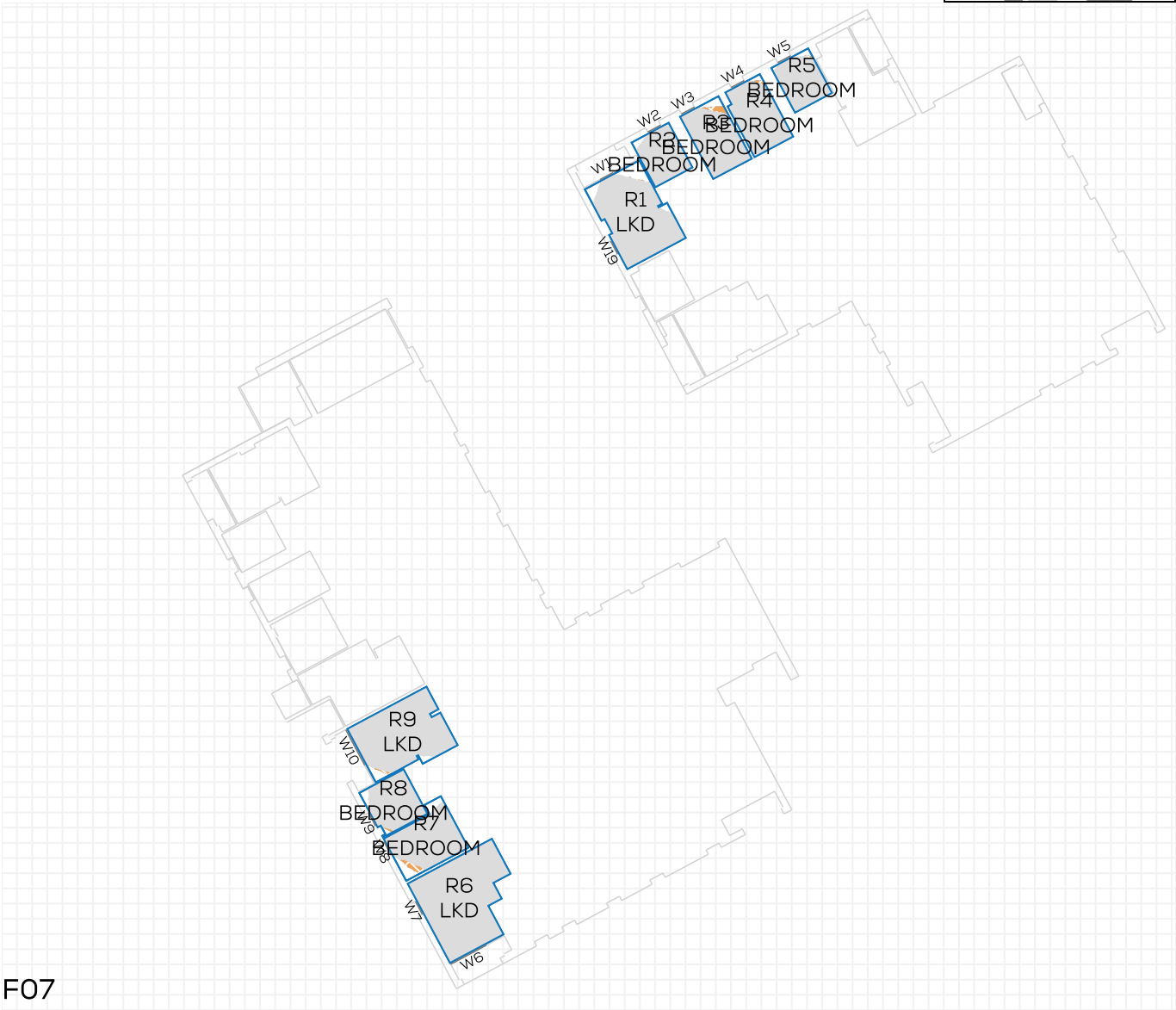
KEY:
 GAIN
 LOSS
 MAINTAINED LIT AREA
 1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: CAMBRIDGE STREET SCHEME
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL30
SCHEME IR: IR14 + 1 FLOOR

KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID



F07

NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER KEY:

REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)

ADDRESS: CAMBRIDGE STREET SCHEME

DATE: 09/05/2025

DRAWING No.: 20256-REL04-IS03-NSL31

SCHEME IR: IR14 + 1 FLOOR

GAIN

LOSS

MAINTAINED LIT AREA

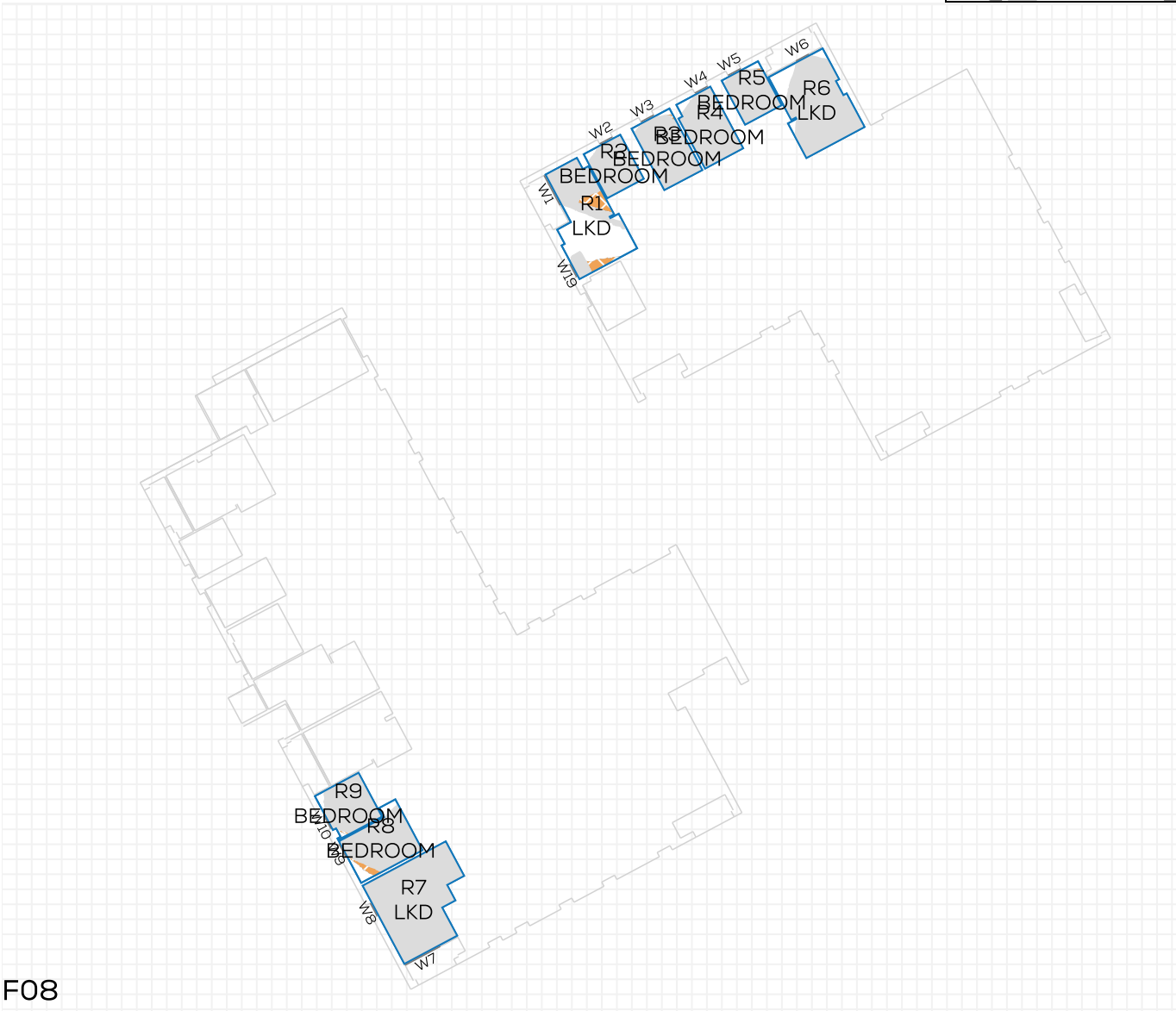
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: CAMBRIDGE STREET SCHEME
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL32
SCHEME IR: IR14 + 1 FLOOR

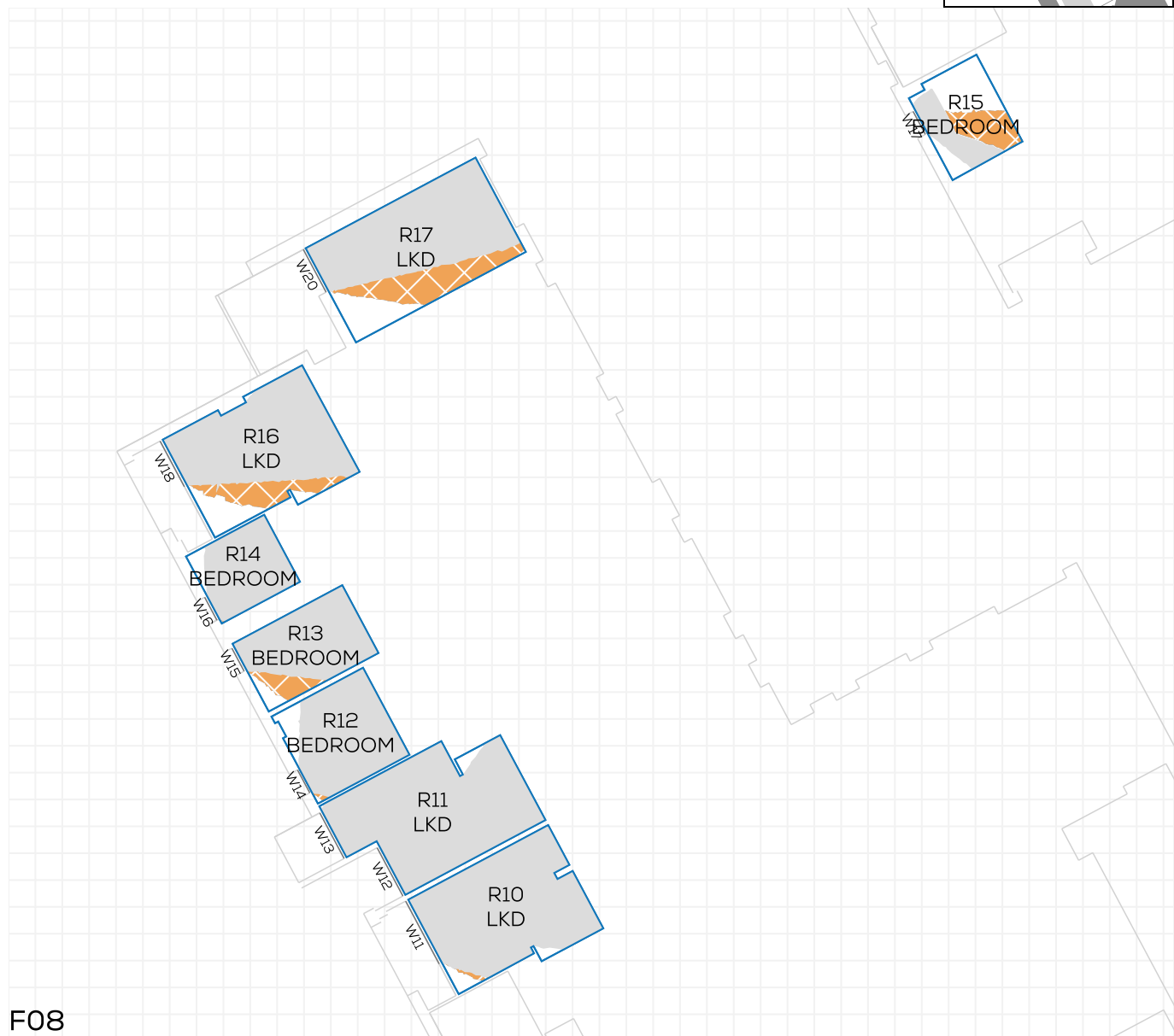
KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
 REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
 ADDRESS: CAMBRIDGE STREET SCHEME
 DATE: 09/05/2025
 DRAWING No.: 20256-REL04-IS03-NSL33
 SCHEME IR: IR14 + 1 FLOOR

KEY:
 GAIN
 LOSS
 MAINTAINED LIT AREA
 1 METRE GRID

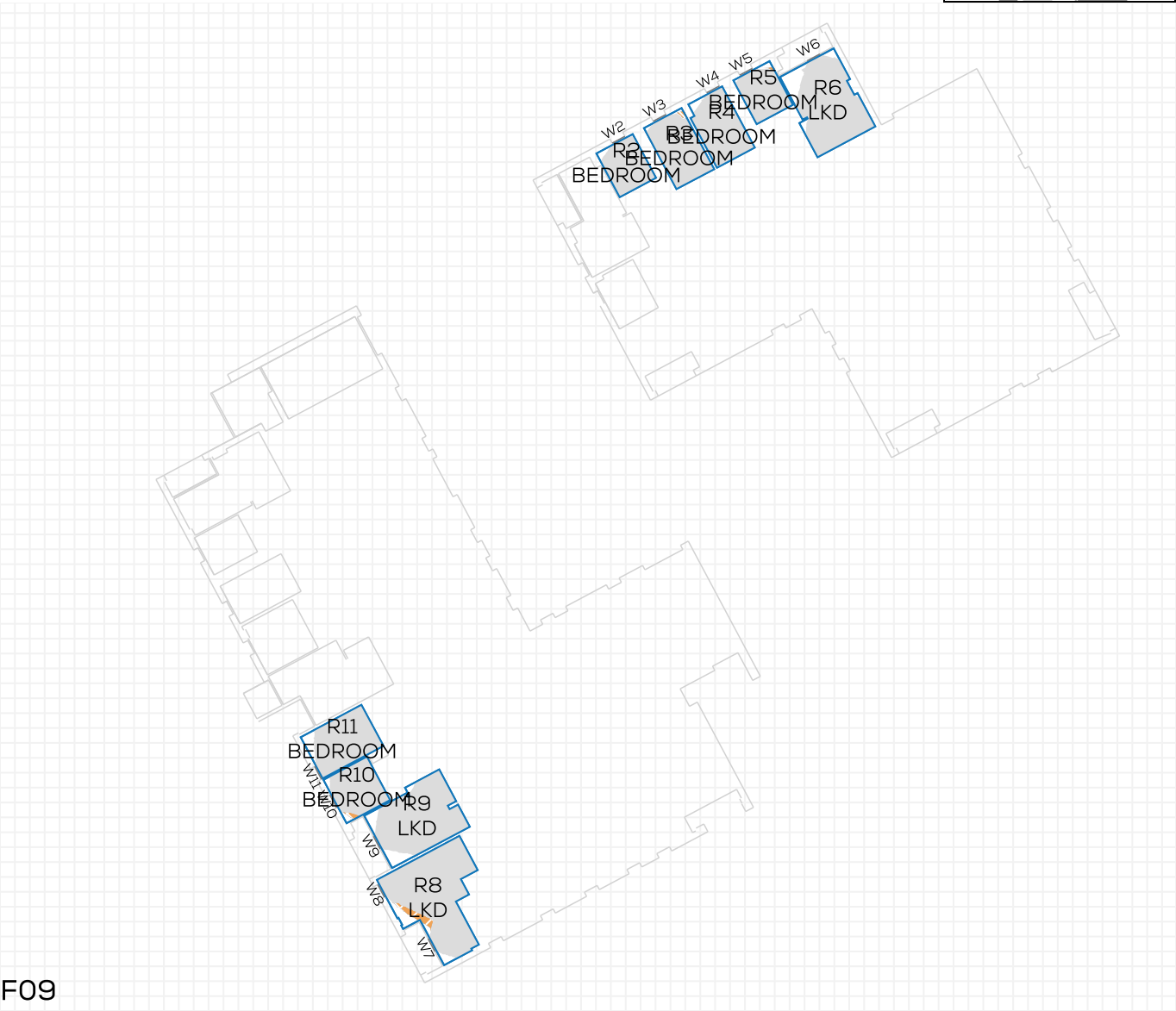


F08

NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: CAMBRIDGE STREET SCHEME
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL34
SCHEME IR: IR14 + 1 FLOOR

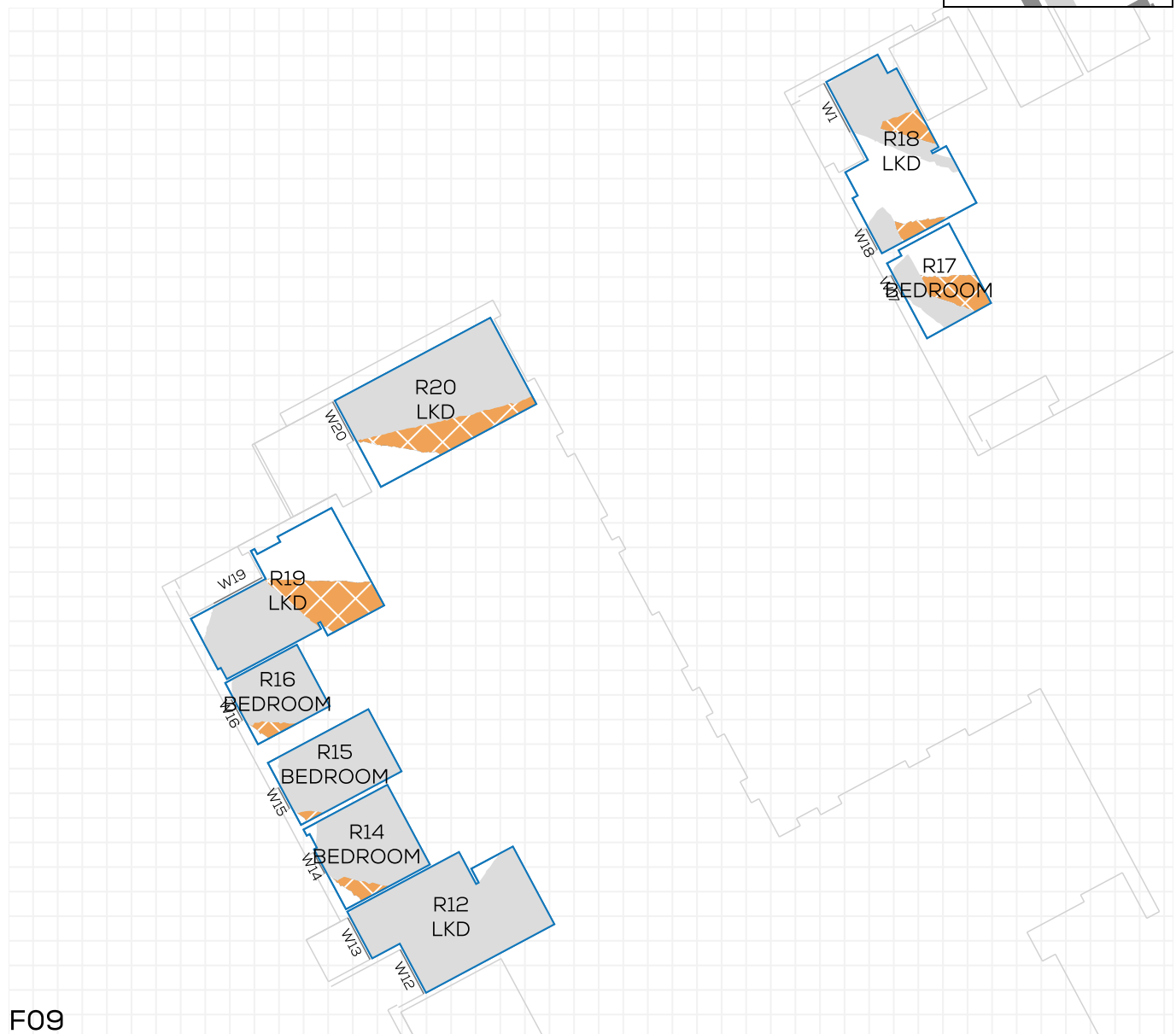
KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
 REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
 ADDRESS: CAMBRIDGE STREET SCHEME
 DATE: 09/05/2025
 DRAWING No.: 20256-REL04-IS03-NSL35
 SCHEME IR: IR14 + 1 FLOOR

KEY:
 GAIN
 LOSS
 MAINTAINED LIT AREA
 1 METRE GRID

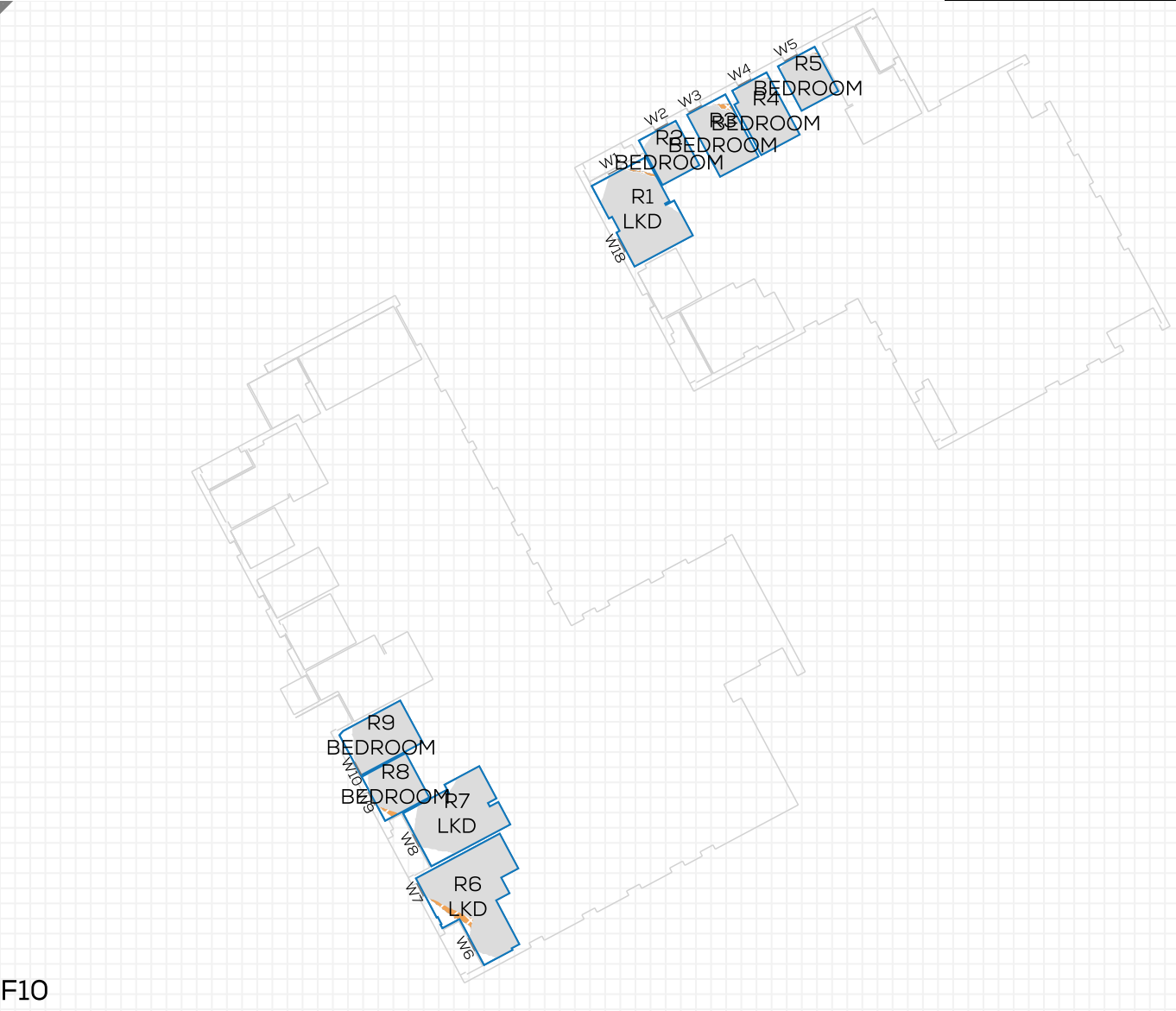


F09

NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: CAMBRIDGE STREET SCHEME
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL36
SCHEME IR: IR14 + 1 FLOOR

KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID



F10

NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER

REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)

ADDRESS: CAMBRIDGE STREET SCHEME

DATE: 09/05/2025

DRAWING No.: 20256-REL04-IS03-NSL37

SCHEME IR: IR14 + 1 FLOOR

KEY:

GAIN

LOSS

MAINTAINED LIT AREA

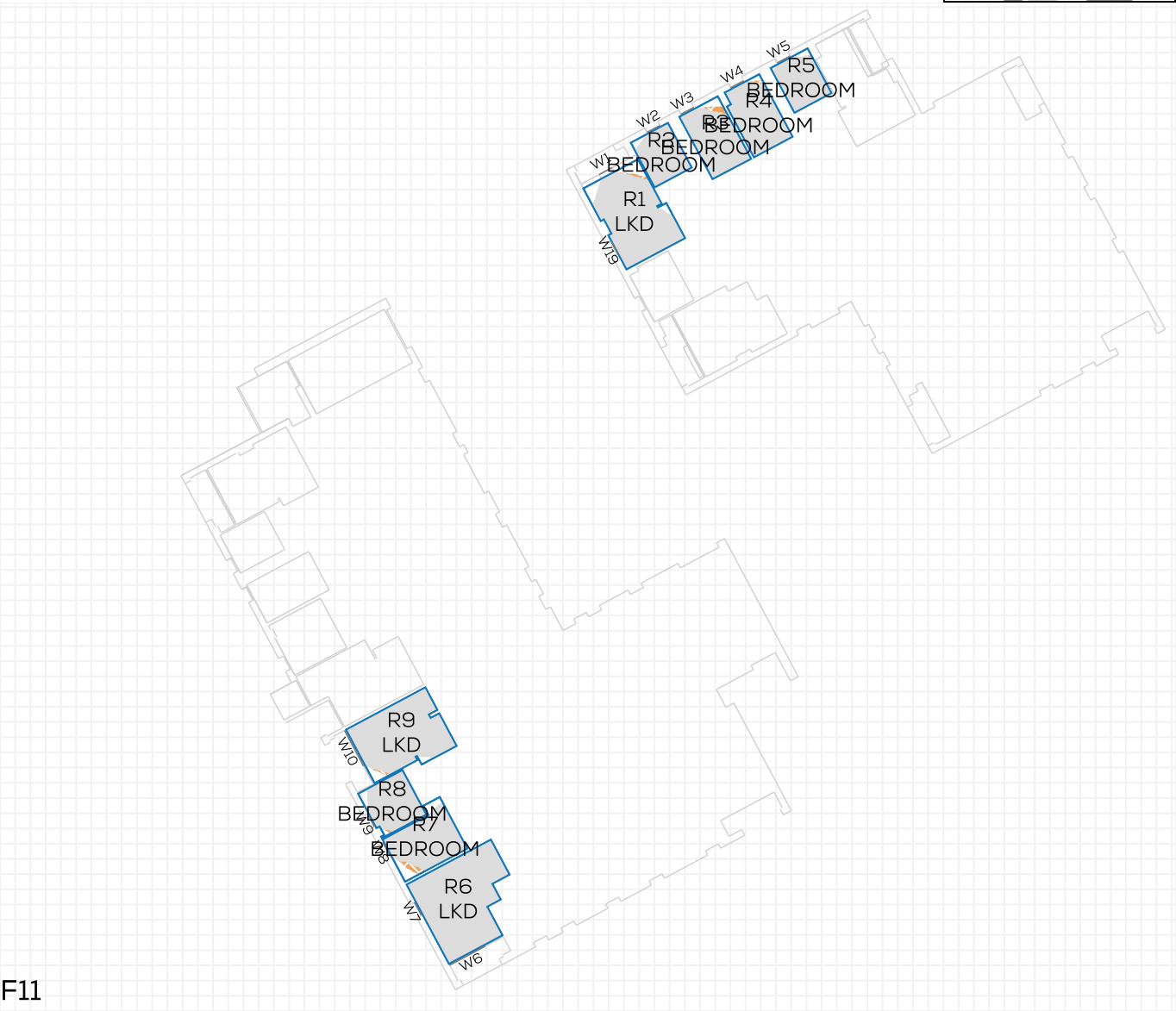
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: CAMBRIDGE STREET SCHEME
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL38
SCHEME IR: IR14 + 1 FLOOR

KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER KEY:

REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)

ADDRESS: CAMBRIDGE STREET SCHEME

DATE: 09/05/2025

DRAWING No.: 20256-REL04-IS03-NSL39

SCHEME IR: IR14 + 1 FLOOR

GAIN

LOSS

MAINTAINED LIT AREA

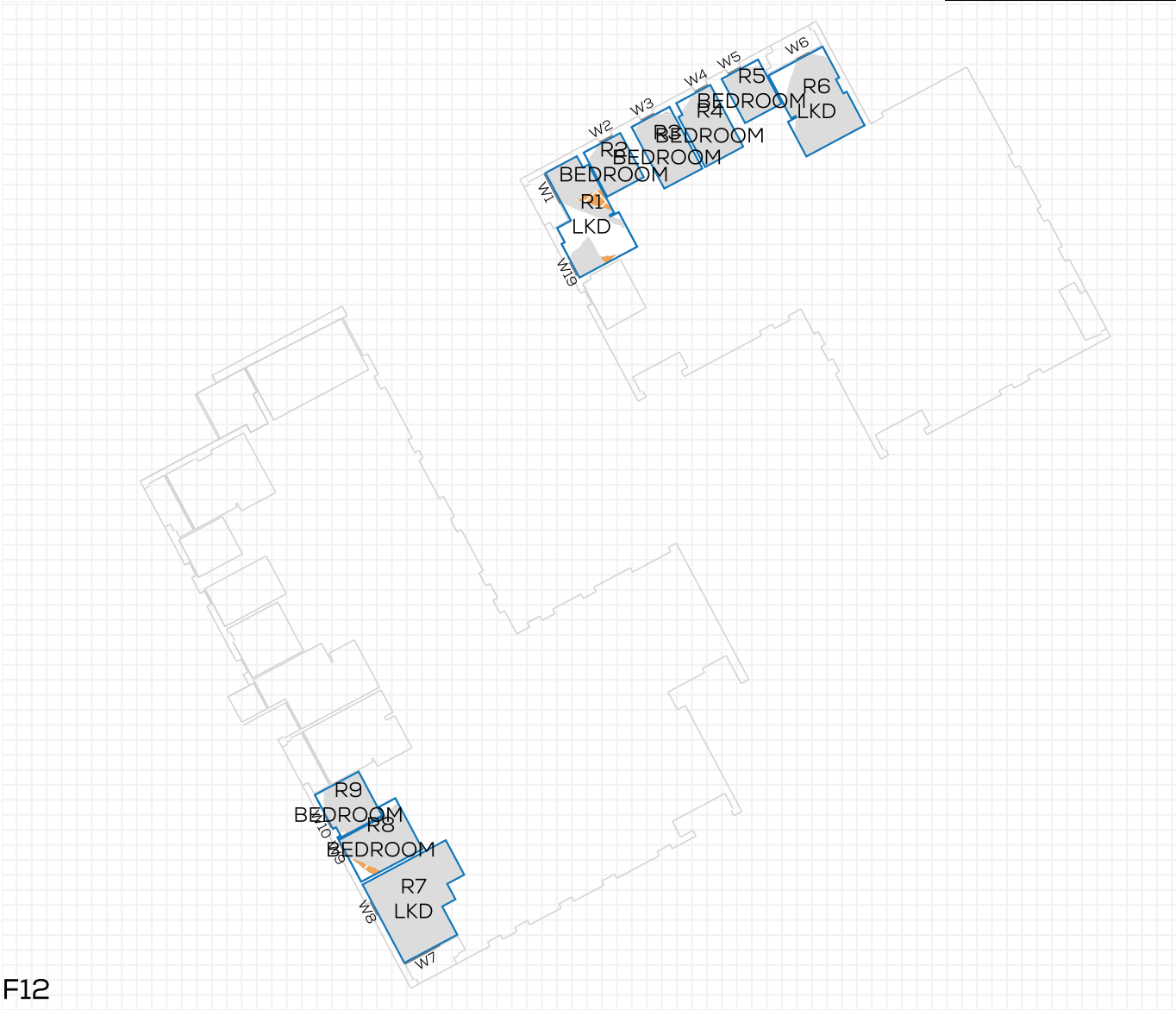
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: CAMBRIDGE STREET SCHEME
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL40
SCHEME IR: IR14 + 1 FLOOR

KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID

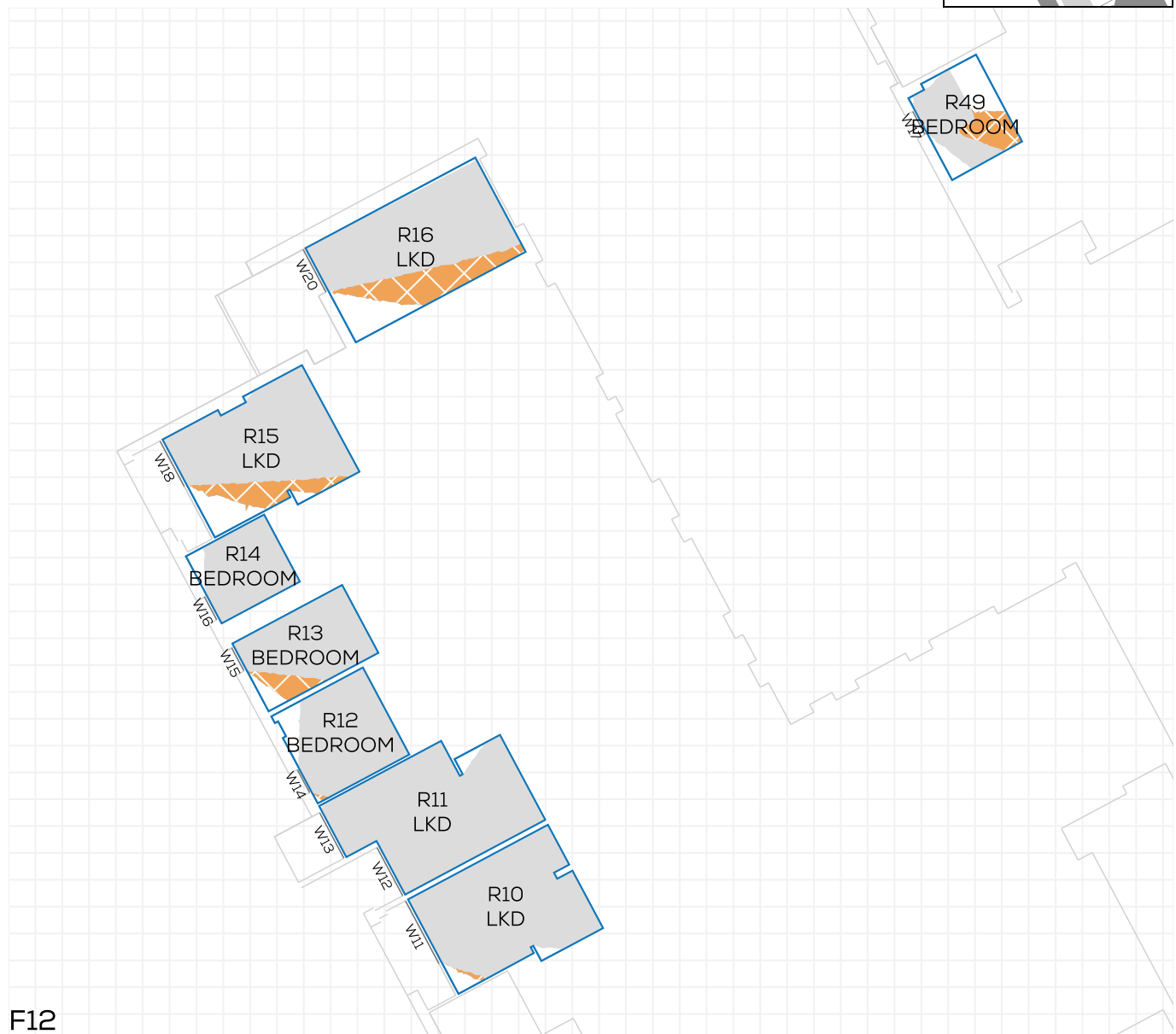


F12

NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
 REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
 ADDRESS: CAMBRIDGE STREET SCHEME
 DATE: 09/05/2025
 DRAWING No.: 20256-REL04-IS03-NSL41
 SCHEME IR: IR14 + 1 FLOOR

KEY:
 GAIN
 LOSS
 MAINTAINED LIT AREA
 1 METRE GRID

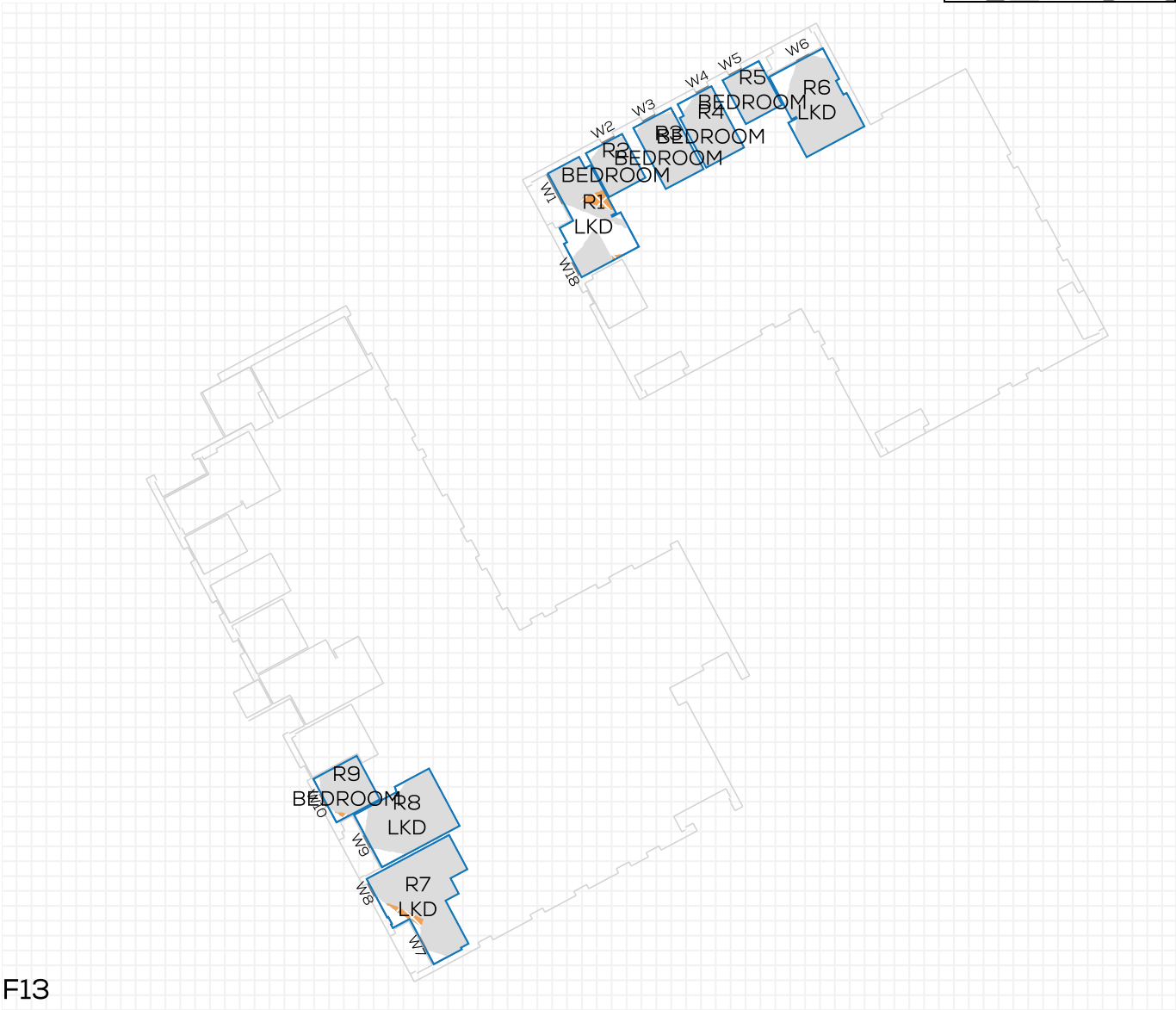


F12

NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: CAMBRIDGE STREET SCHEME
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL42
SCHEME IR: IR14 + 1 FLOOR

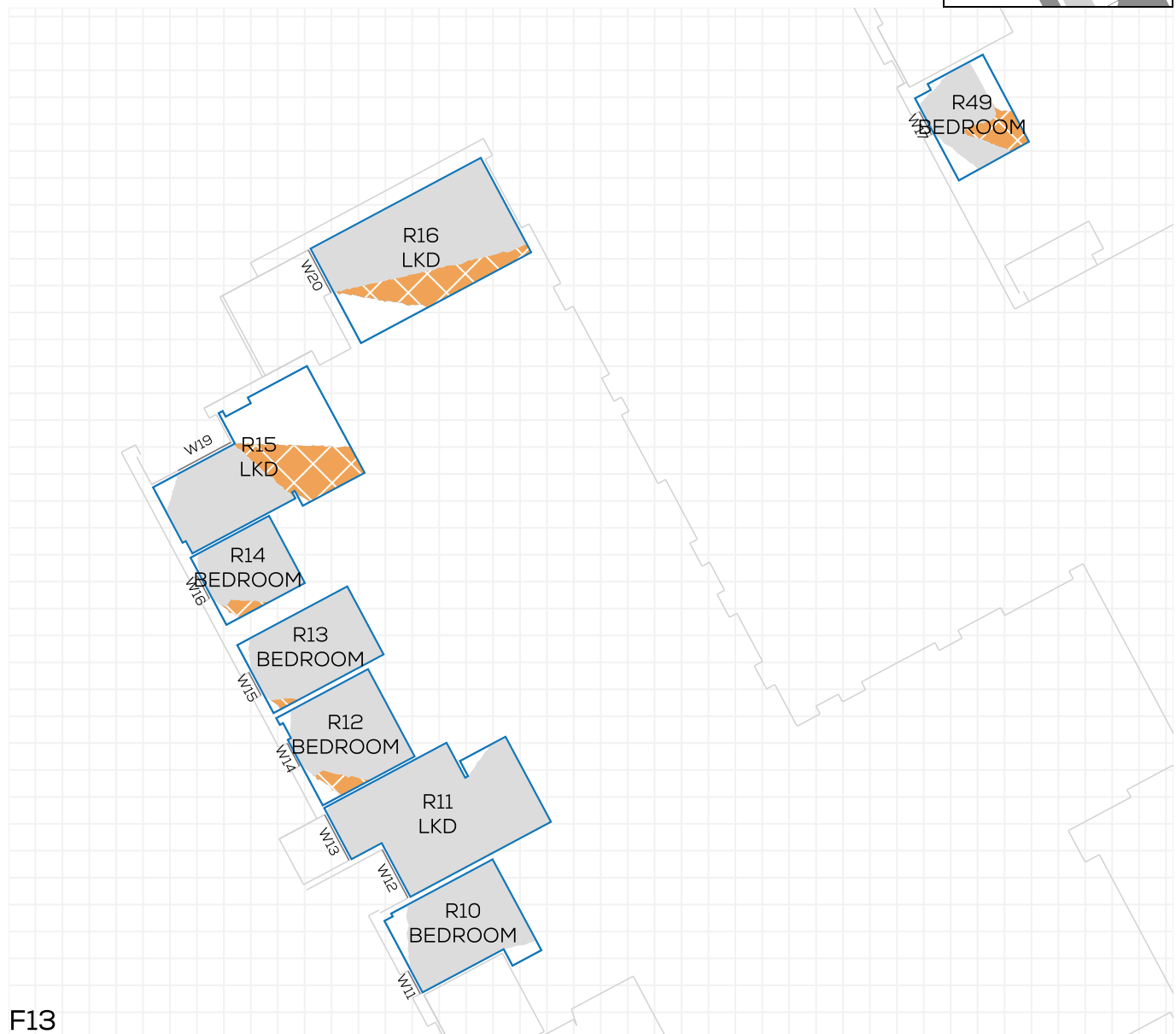
KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
 REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
 ADDRESS: CAMBRIDGE STREET SCHEME
 DATE: 09/05/2025
 DRAWING No.: 20256-REL04-IS03-NSL43
 SCHEME IR: IR14 + 1 FLOOR

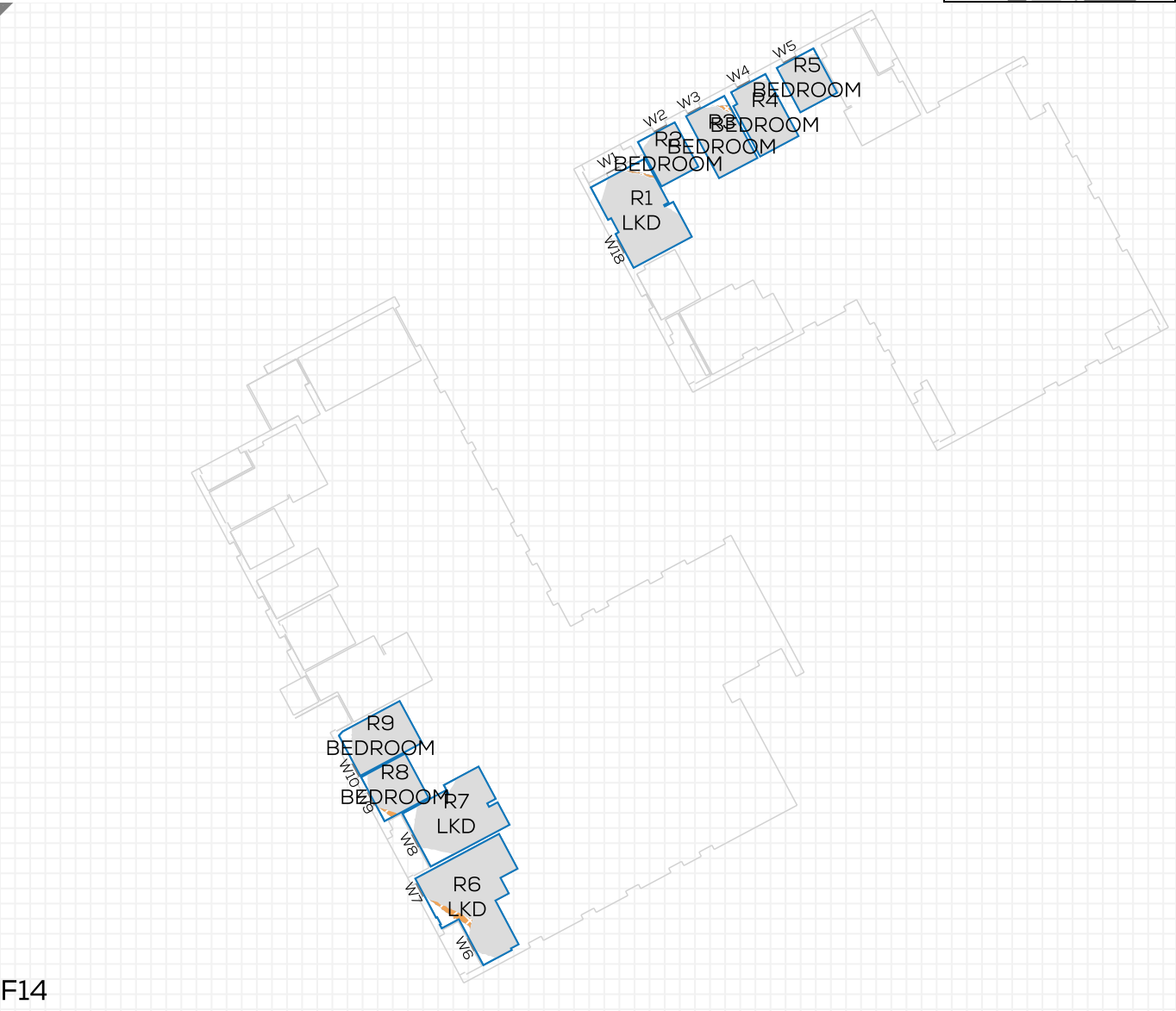
KEY:
 GAIN
 LOSS
 MAINTAINED LIT AREA
 1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: CAMBRIDGE STREET SCHEME
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL44
SCHEME IR: IR14 + 1 FLOOR

KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER KEY:

REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)

ADDRESS: CAMBRIDGE STREET SCHEME

DATE: 09/05/2025

DRAWING No.: 20256-REL04-IS03-NSL45

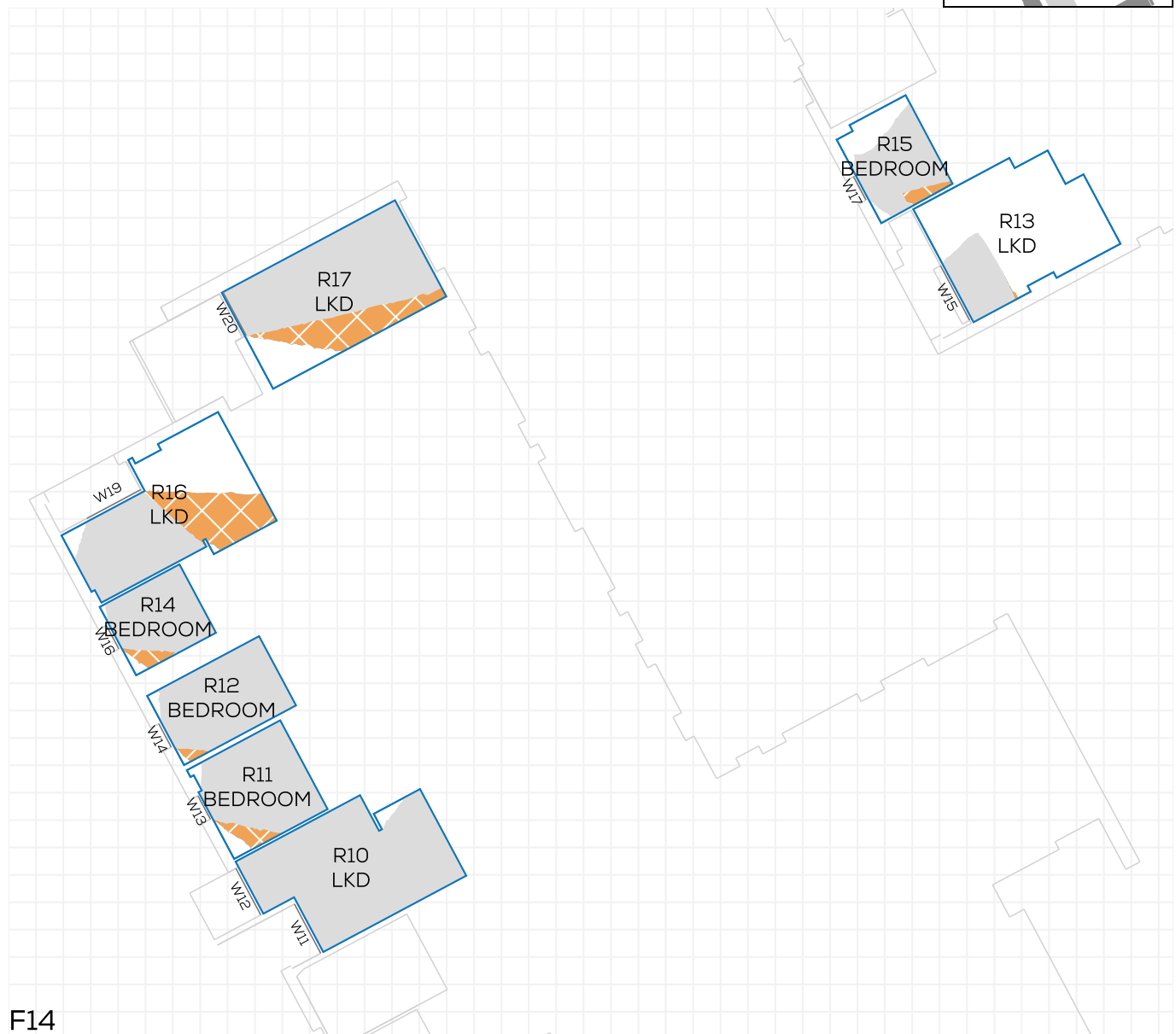
SCHEME IR: IR14 + 1 FLOOR

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID

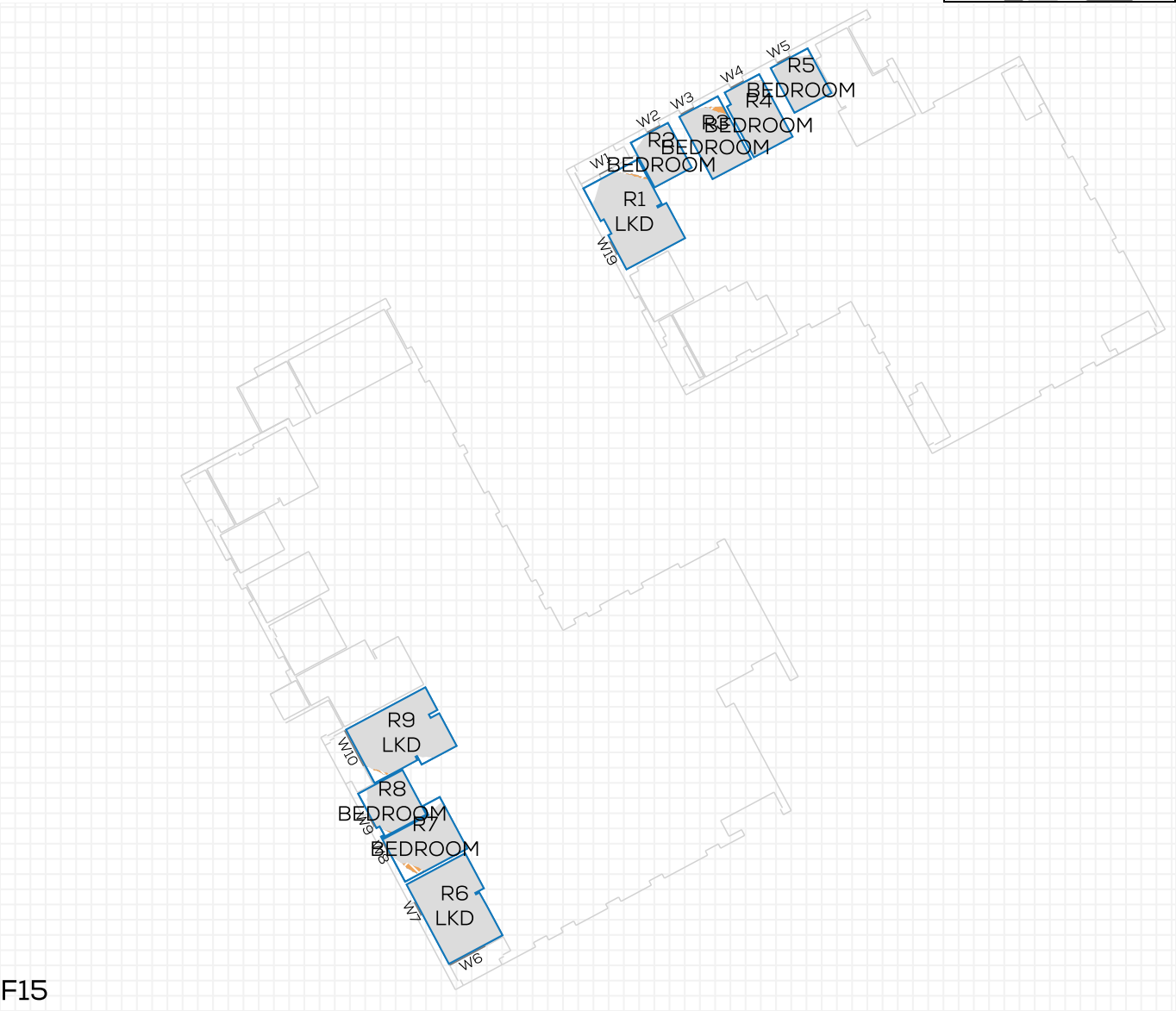


F14

NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: CAMBRIDGE STREET SCHEME
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL46
SCHEME IR: IR14 + 1 FLOOR

KEY:
 GAIN
 LOSS
 MAINTAINED LIT AREA
 1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER KEY:

REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)

ADDRESS: CAMBRIDGE STREET SCHEME

DATE: 09/05/2025

DRAWING No.: 20256-REL04-IS03-NSL47

SCHEME IR: IR14 + 1 FLOOR

GAIN

LOSS

MAINTAINED LIT AREA

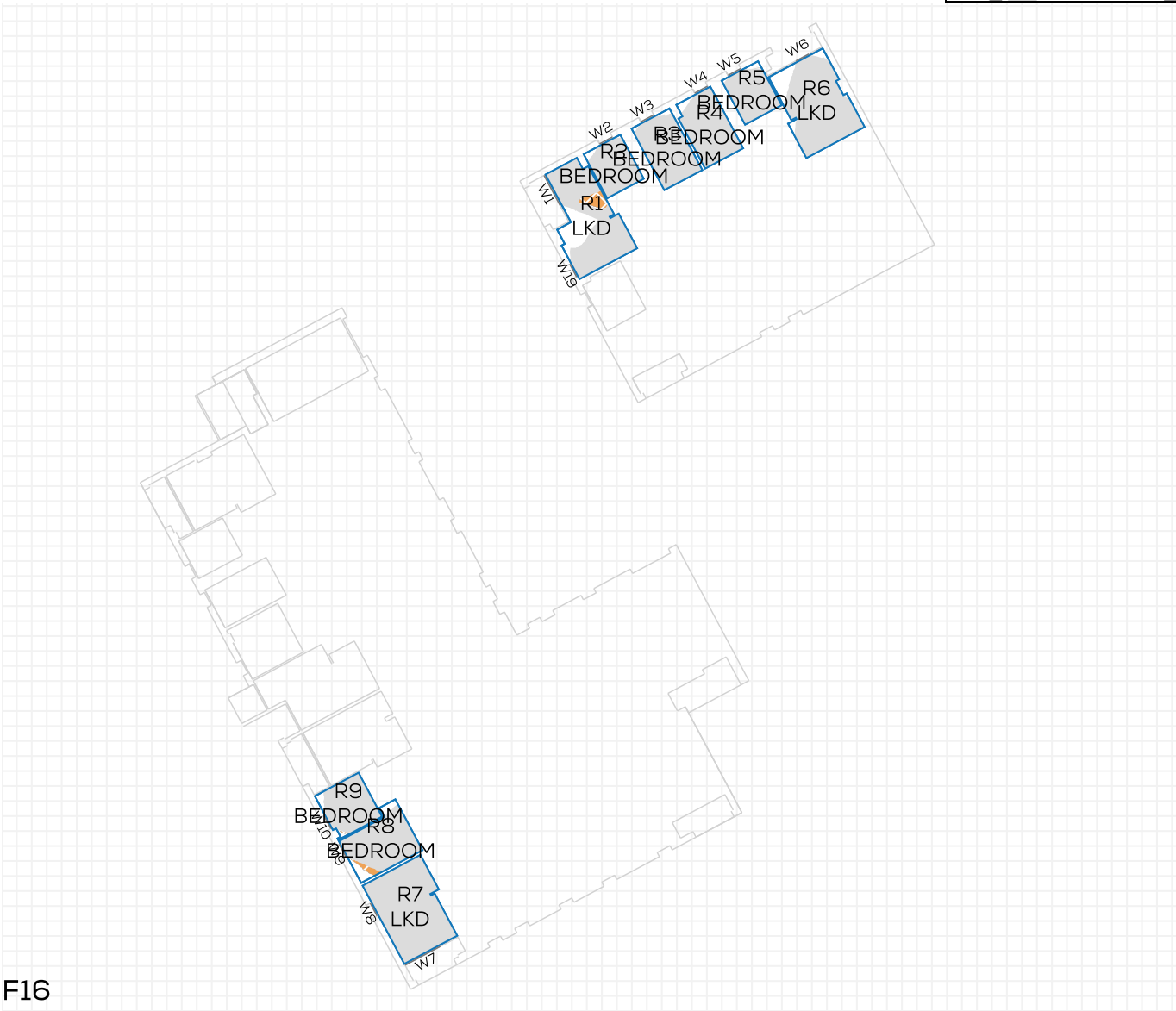
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: CAMBRIDGE STREET SCHEME
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL48
SCHEME IR: IR14 + 1 FLOOR

KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER KEY:

REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)

ADDRESS: CAMBRIDGE STREET SCHEME

DATE: 09/05/2025

DRAWING No.: 20256-REL04-IS03-NSL49

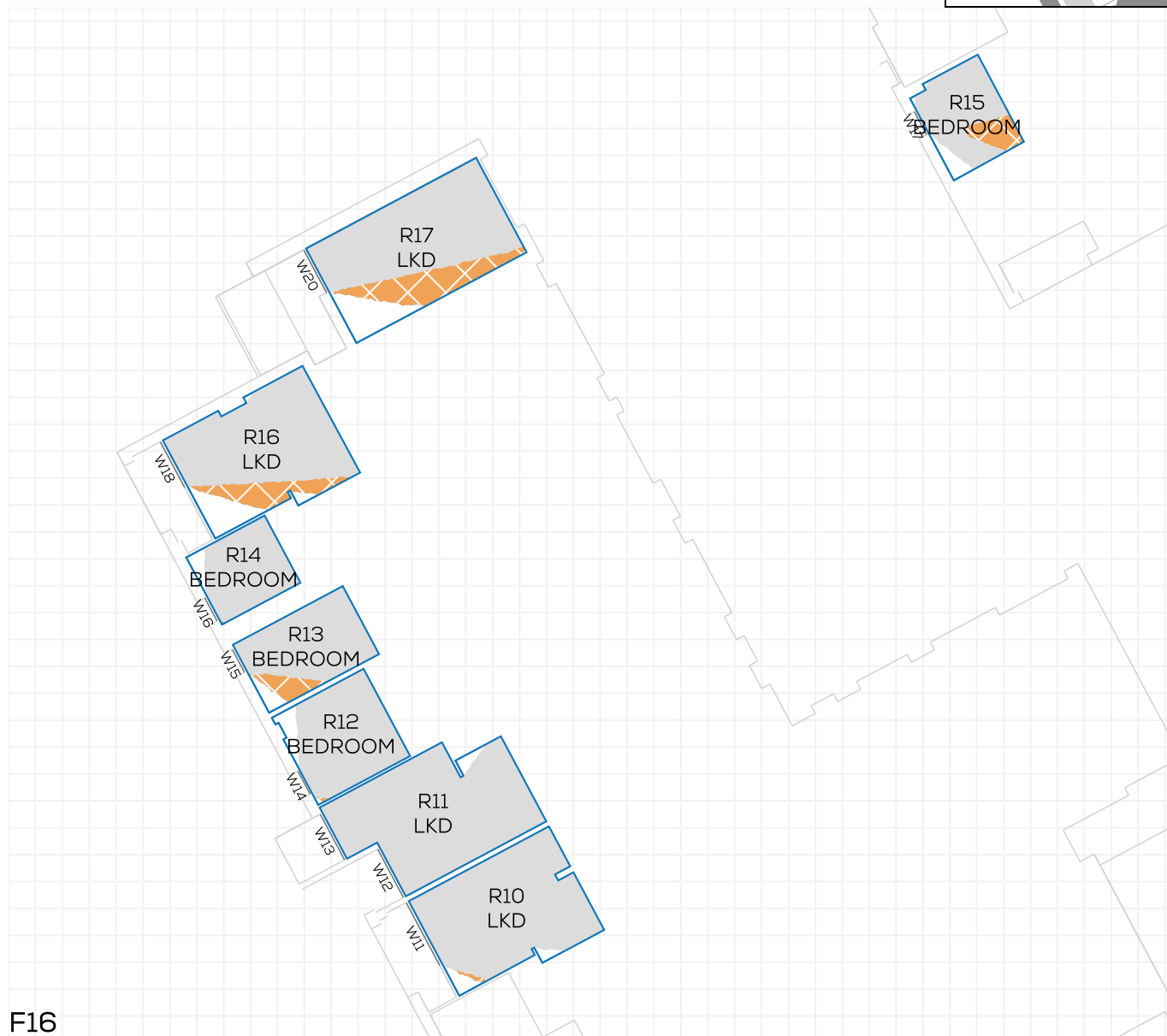
SCHEME IR: IR14 + 1 FLOOR

GAIN

LOSS

MAINTAINED LIT AREA

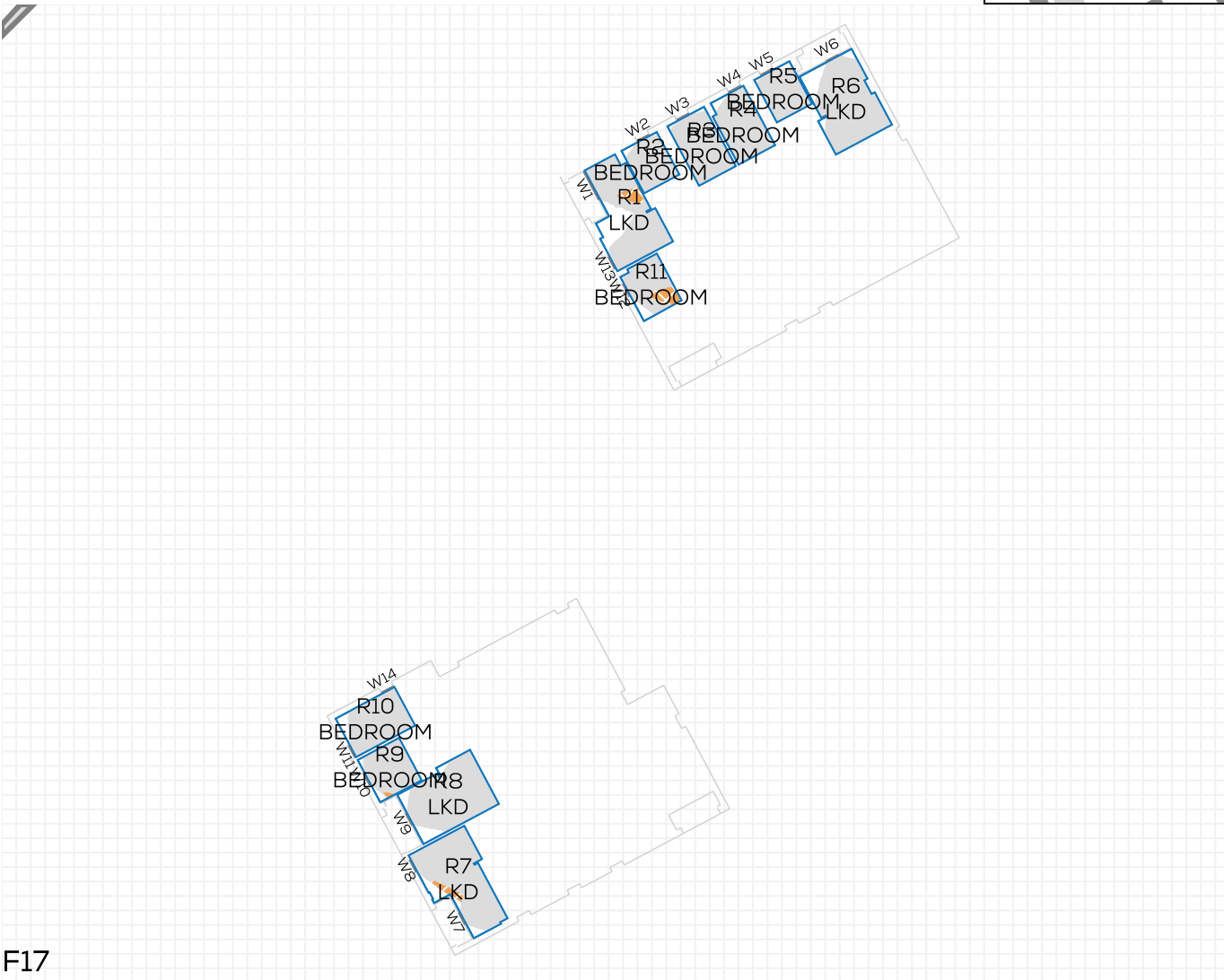
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: CAMBRIDGE STREET SCHEME
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL50
SCHEME IR: IR14 + 1 FLOOR

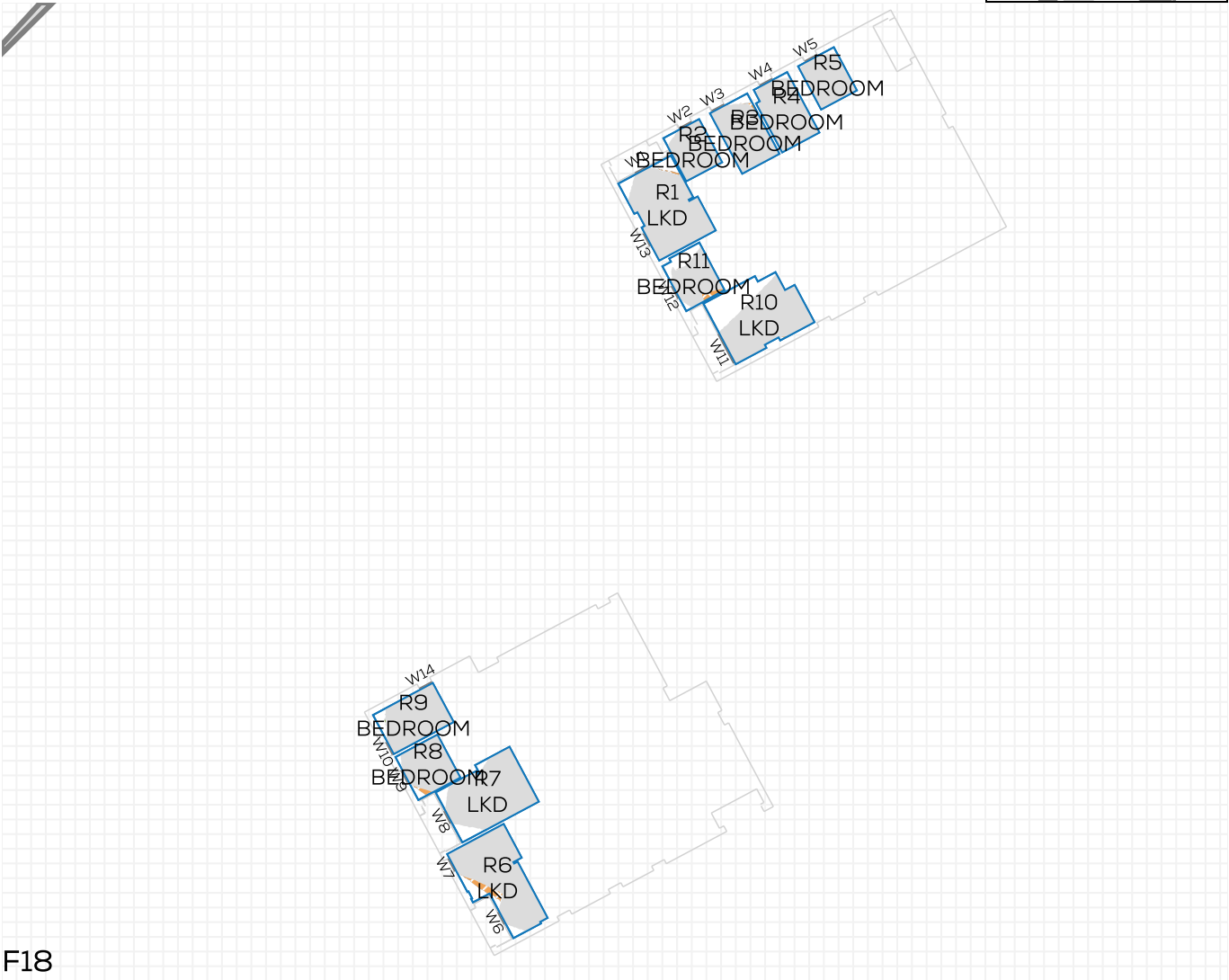
KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: CAMBRIDGE STREET SCHEME
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL51
SCHEME IR: IR14 + 1 FLOOR

KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID

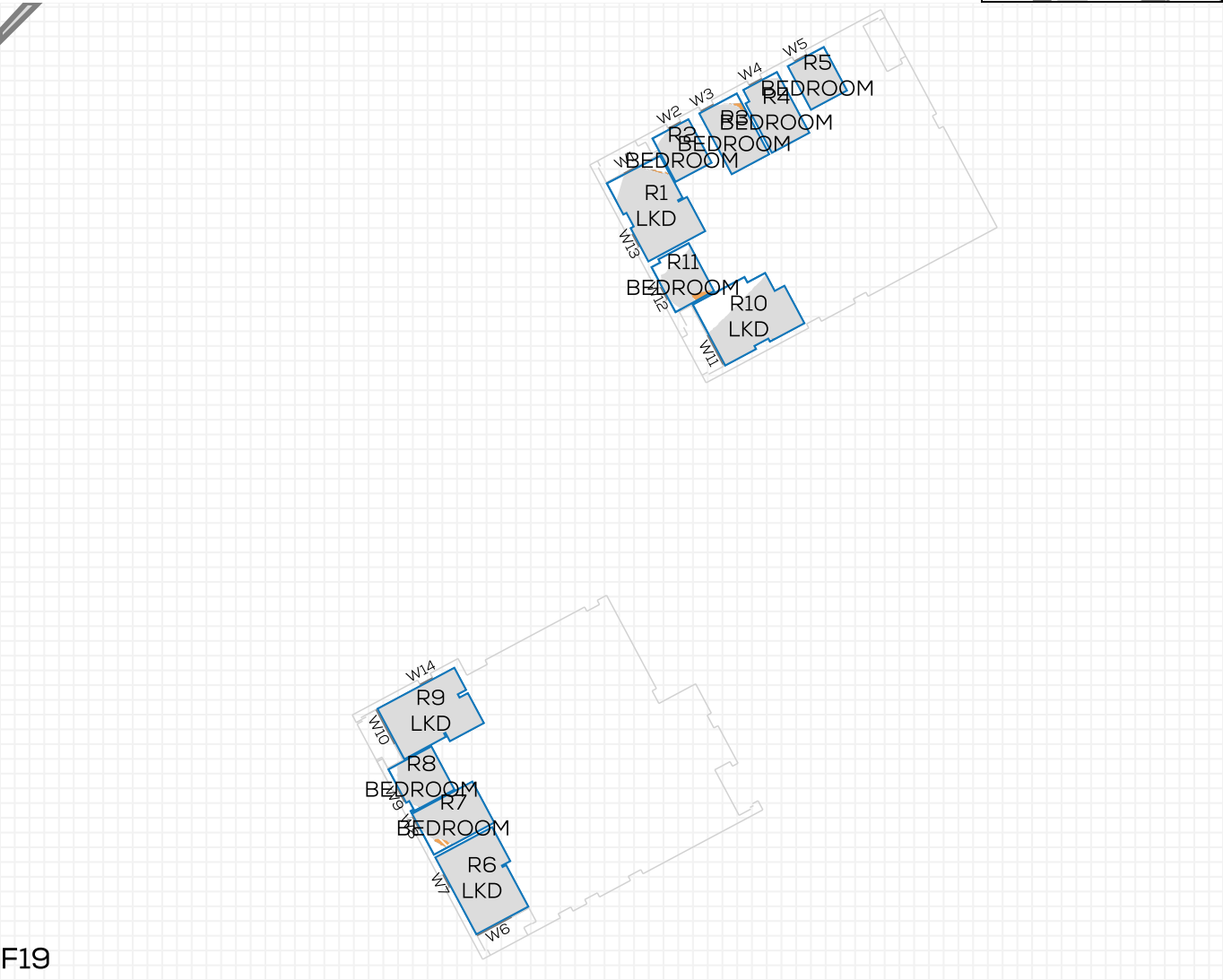


F18

NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: CAMBRIDGE STREET SCHEME
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL52
SCHEME IR: IR14 + 1 FLOOR

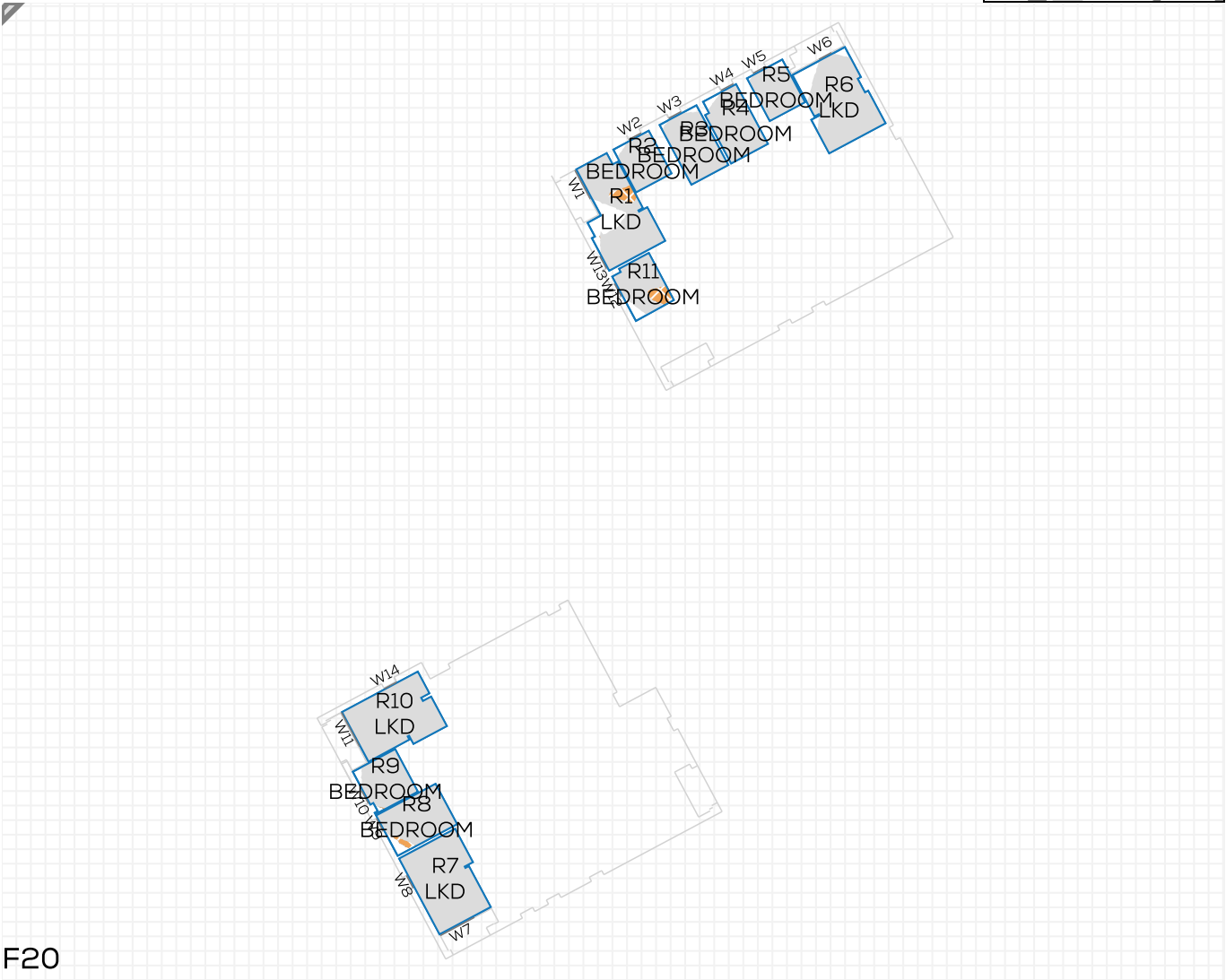
KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: CAMBRIDGE STREET SCHEME
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL53
SCHEME IR: IR14 + 1 FLOOR

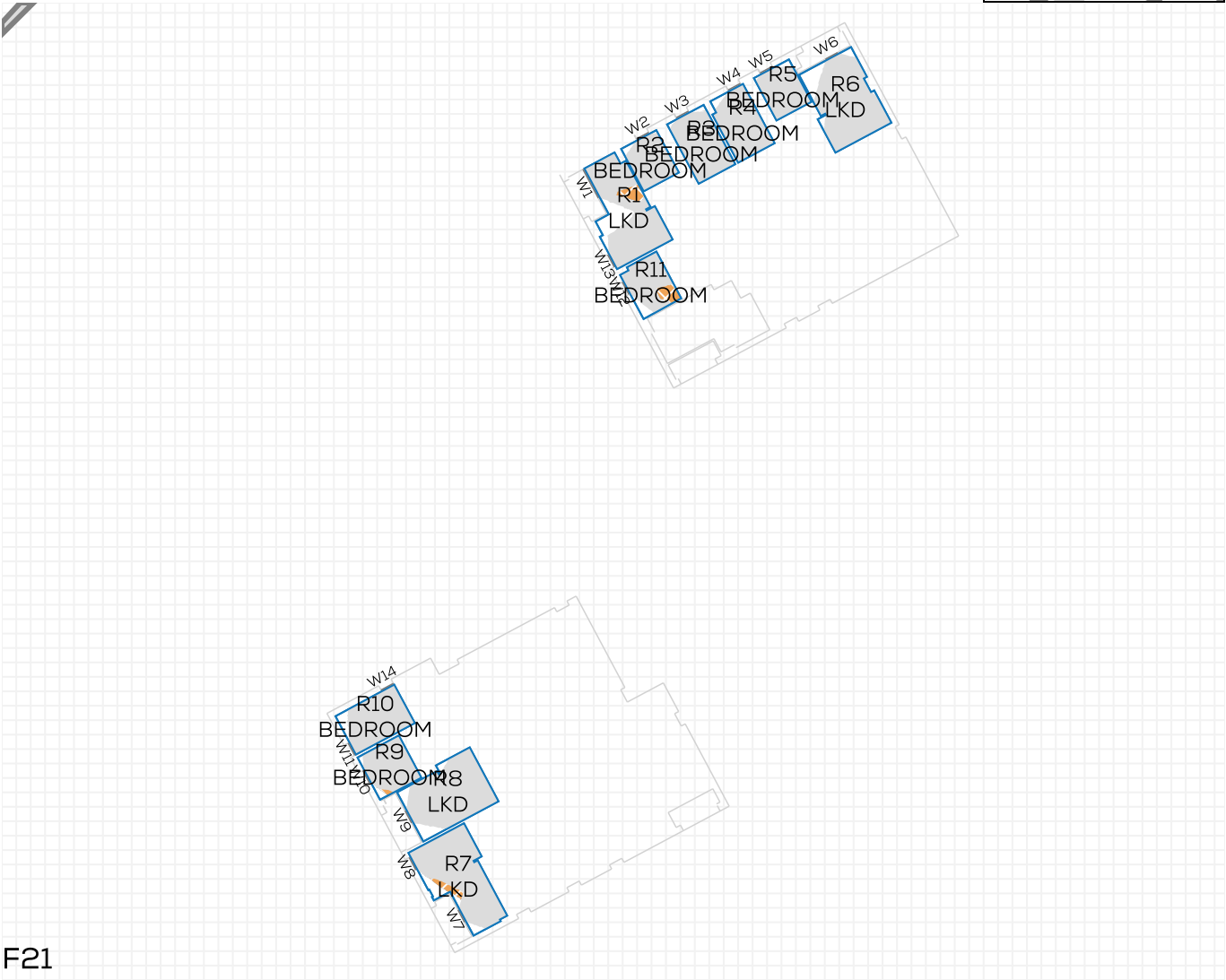
KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: CAMBRIDGE STREET SCHEME
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL54
SCHEME IR: IR14 + 1 FLOOR

KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER KEY:

REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)

ADDRESS: CAMBRIDGE STREET SCHEME

DATE: 09/05/2025

DRAWING No.: 20256-REL04-IS03-NSL55

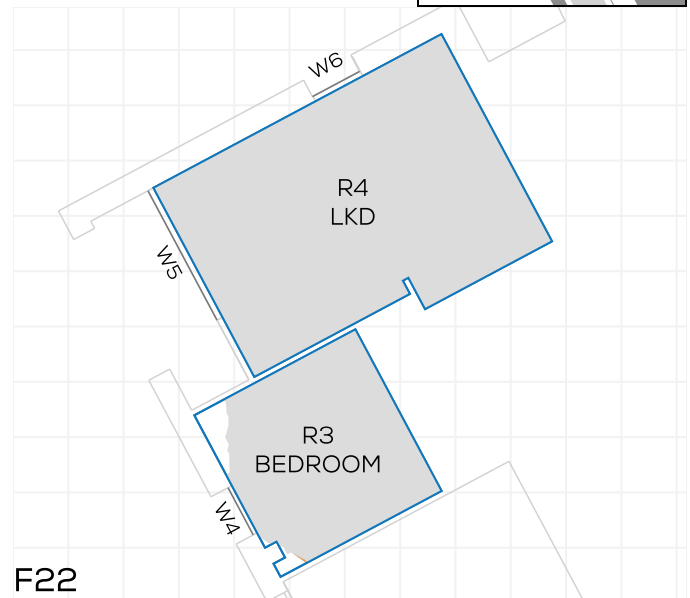
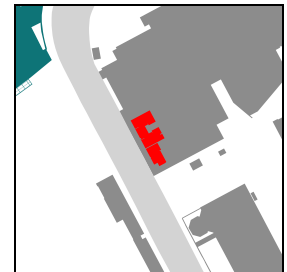
SCHEME IR: IR14 + 1 FLOOR

GAIN

LOSS

MAINTAINED LIT AREA

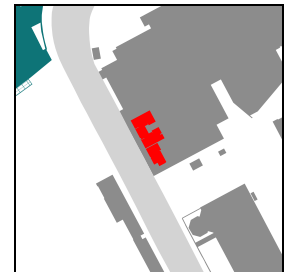
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
 REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
 ADDRESS: CAMBRIDGE STREET SCHEME
 DATE: 09/05/2025
 DRAWING No.: 20256-REL04-IS03-NSL56
 SCHEME IR: IR14 + 1 FLOOR

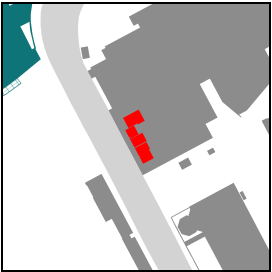
KEY:
 GAIN
 LOSS
 MAINTAINED LIT AREA
 1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: CAMBRIDGE STREET SCHEME
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL57
SCHEME IR: IR14 + 1 FLOOR

KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER KEY:

REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)

ADDRESS: VITA STUDENTS FIRST STREET

DATE: 09/05/2025

DRAWING No.: 20256-REL04-IS03-NSL58

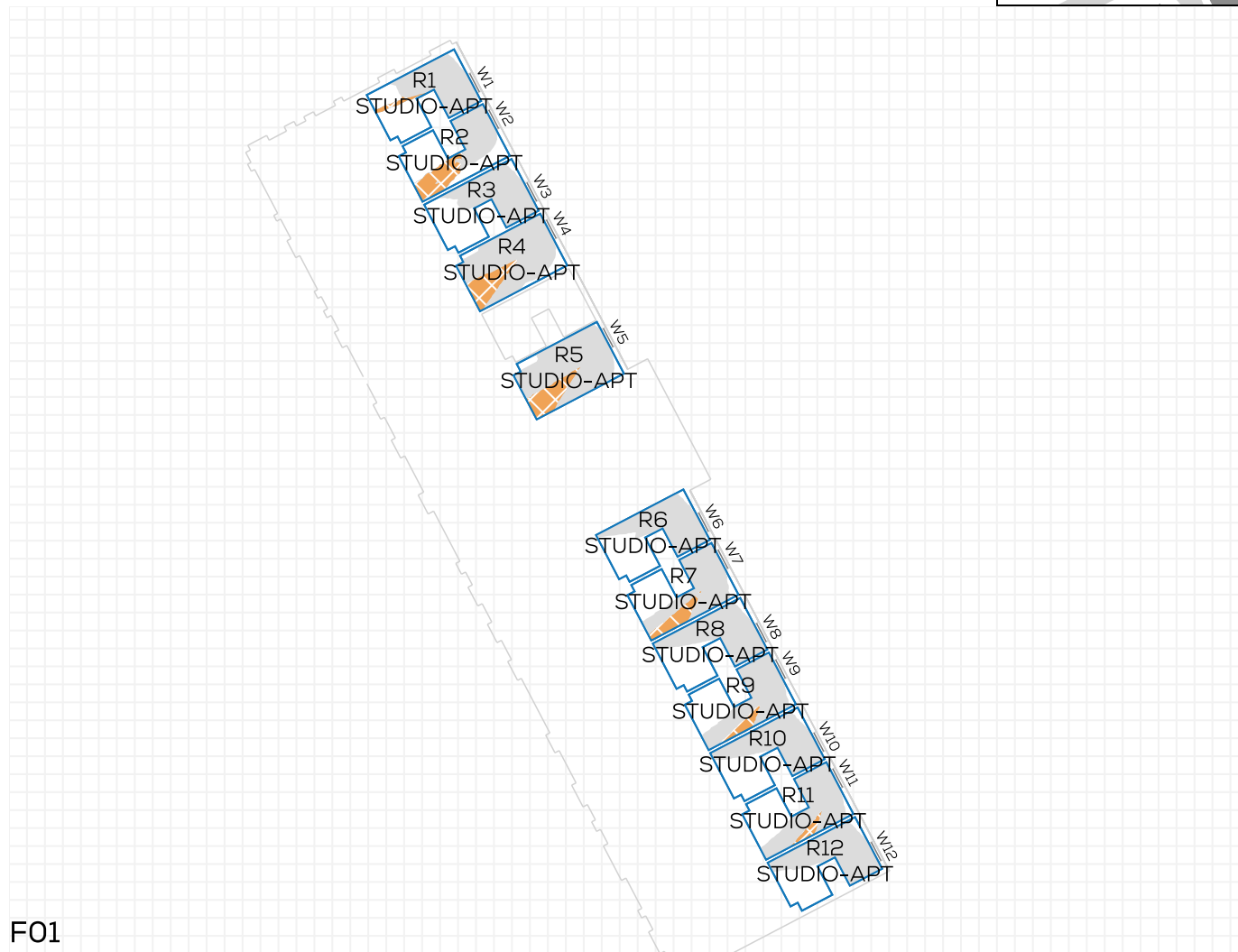
SCHEME IR: IR14 + 1 FLOOR

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER KEY:

REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)

ADDRESS: VITA STUDENTS FIRST STREET

DATE: 09/05/2025

DRAWING No.: 20256-REL04-IS03-NSL59

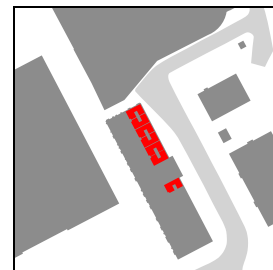
SCHEME IR: IR14 + 1 FLOOR

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER KEY:

REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)

ADDRESS: VITA STUDENTS FIRST STREET

DATE: 09/05/2025

DRAWING No.: 20256-REL04-IS03-NSL60

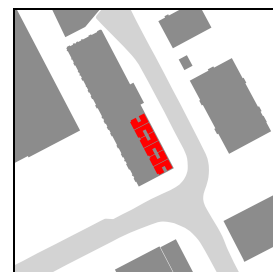
SCHEME IR: IR14 + 1 FLOOR

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER KEY:

REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)

ADDRESS: VITA STUDENTS FIRST STREET

DATE: 09/05/2025

DRAWING No.: 20256-REL04-IS03-NSL61

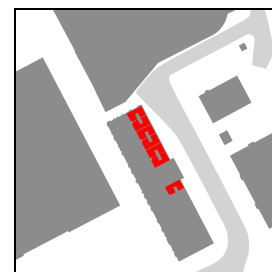
SCHEME IR: IR14 + 1 FLOOR

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



F03

NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER KEY:

REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)

ADDRESS: VITA STUDENTS FIRST STREET

DATE: 09/05/2025

DRAWING No.: 20256-REL04-IS03-NSL62

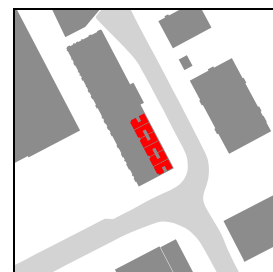
SCHEME IR: IR14 + 1 FLOOR

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



F03

NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
 REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
 ADDRESS: VITA STUDENTS FIRST STREET
 DATE: 09/05/2025
 DRAWING No.: 20256-REL04-IS03-NSL63
 SCHEME IR: IR14 + 1 FLOOR

KEY:
 GAIN
 LOSS
 MAINTAINED LIT AREA
 1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER KEY:

REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)

ADDRESS: VITA STUDENTS FIRST STREET

DATE: 09/05/2025

DRAWING No.: 20256-REL04-IS03-NSL64

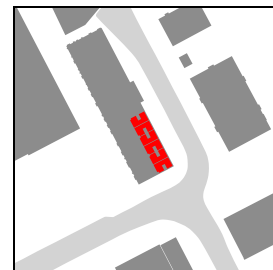
SCHEME IR: IR14 + 1 FLOOR

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



F04

NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER KEY:

REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)

ADDRESS: VITA STUDENTS FIRST STREET

DATE: 09/05/2025

DRAWING No.: 20256-REL04-IS03-NSL65

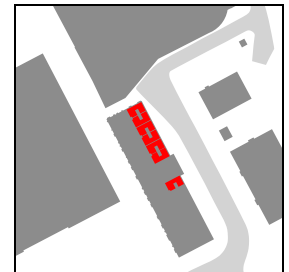
SCHEME IR: IR14 + 1 FLOOR

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER KEY:

REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)

ADDRESS: VITA STUDENTS FIRST STREET

DATE: 09/05/2025

DRAWING No.: 20256-REL04-IS03-NSL66

SCHEME IR: IR14 + 1 FLOOR

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER KEY:

REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)

ADDRESS: VITA STUDENTS FIRST STREET

DATE: 09/05/2025

DRAWING No.: 20256-REL04-IS03-NSL67

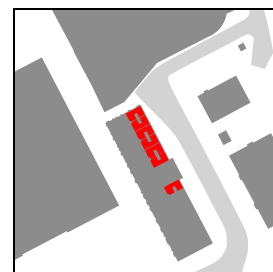
SCHEME IR: IR14 + 1 FLOOR

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER KEY:

REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)

ADDRESS: VITA STUDENTS FIRST STREET

DATE: 09/05/2025

DRAWING No.: 20256-REL04-IS03-NSL68

SCHEME IR: IR14 + 1 FLOOR

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER KEY:

REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)

ADDRESS: VITA STUDENTS FIRST STREET

DATE: 09/05/2025

DRAWING No.: 20256-REL04-IS03-NSL69

SCHEME IR: IR14 + 1 FLOOR

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER KEY:

REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)

ADDRESS: VITA STUDENTS FIRST STREET

DATE: 09/05/2025

DRAWING No.: 20256-REL04-IS03-NSL70

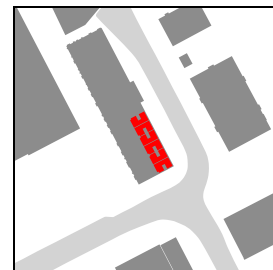
SCHEME IR: IR14 + 1 FLOOR

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER KEY:

REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)

ADDRESS: VITA STUDENTS FIRST STREET

DATE: 09/05/2025

DRAWING No.: 20256-REL04-IS03-NSL71

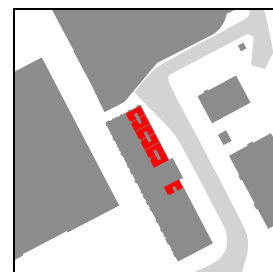
SCHEME IR: IR14 + 1 FLOOR

GAIN

LOSS

MAINTAINED LIT AREA

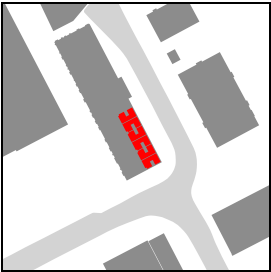
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: VITA STUDENTS FIRST STREET
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL72
SCHEME IR: IR14 + 1 FLOOR

KEY:
 GAIN
 LOSS
 MAINTAINED LIT AREA
 1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER KEY:

REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)

ADDRESS: VITA STUDENTS FIRST STREET

DATE: 09/05/2025

DRAWING No.: 20256-REL04-IS03-NSL73

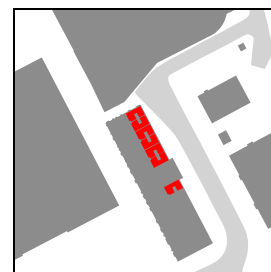
SCHEME IR: IR14 + 1 FLOOR

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



F09

NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER KEY:

REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)

ADDRESS: VITA STUDENTS FIRST STREET

DATE: 09/05/2025

DRAWING No.: 20256-REL04-IS03-NSL74

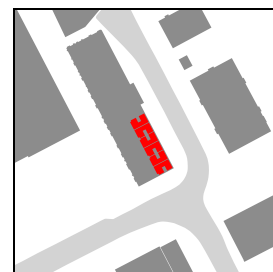
SCHEME IR: IR14 + 1 FLOOR

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER KEY:

REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)

ADDRESS: VITA STUDENTS FIRST STREET

DATE: 09/05/2025

DRAWING No.: 20256-REL04-IS03-NSL75

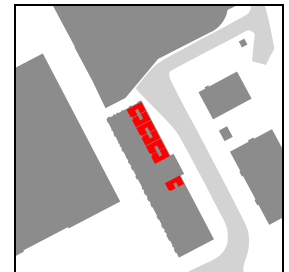
SCHEME IR: IR14 + 1 FLOOR

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER KEY:

REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)

ADDRESS: VITA STUDENTS FIRST STREET

DATE: 09/05/2025

DRAWING No.: 20256-REL04-IS03-NSL76

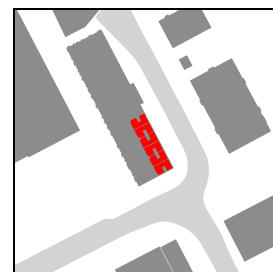
SCHEME IR: IR14 + 1 FLOOR

GAIN

LOSS

MAINTAINED LIT AREA

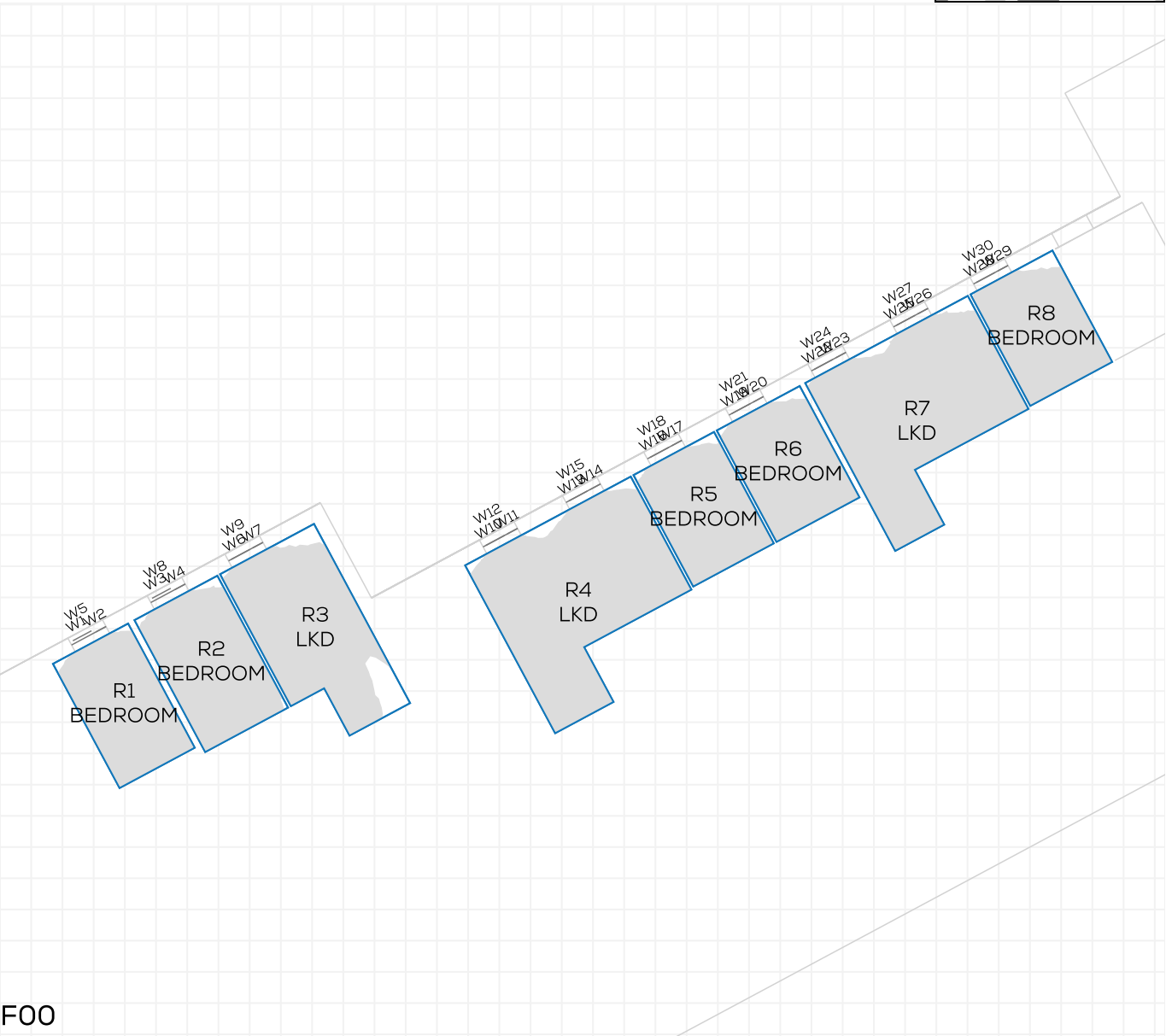
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: MACINTOSH MILLS
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL77
SCHEME IR: IR14 + 1 FLOOR

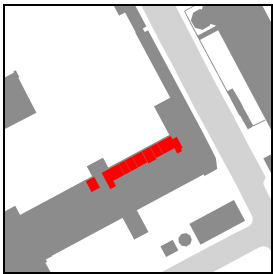
KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: MACINTOSH MILLS
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL78
SCHEME IR: IR14 + 1 FLOOR

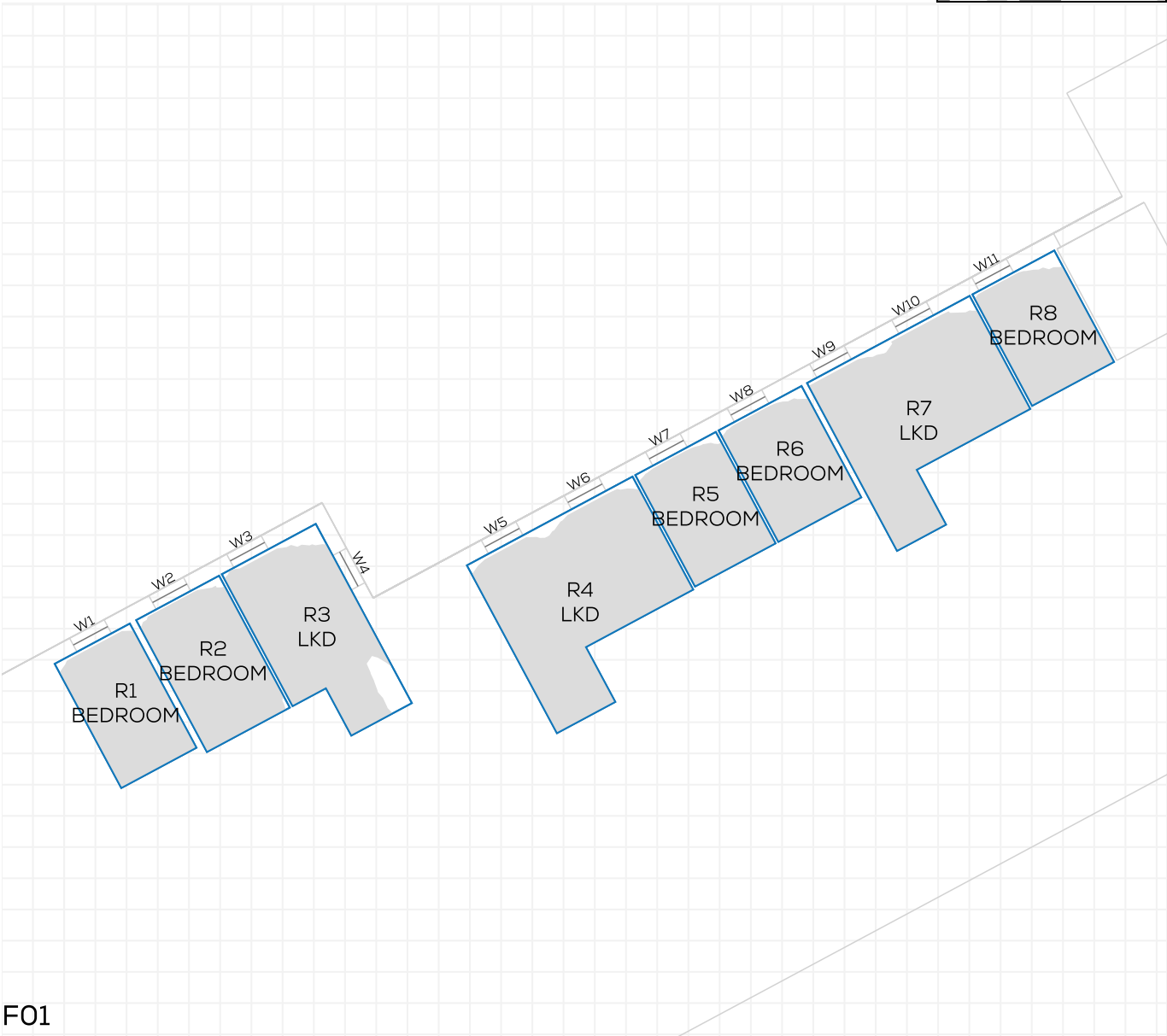
KEY:
 GAIN
 LOSS
 MAINTAINED LIT AREA
 1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: MACINTOSH MILLS
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL79
SCHEME IR: IR14 + 1 FLOOR

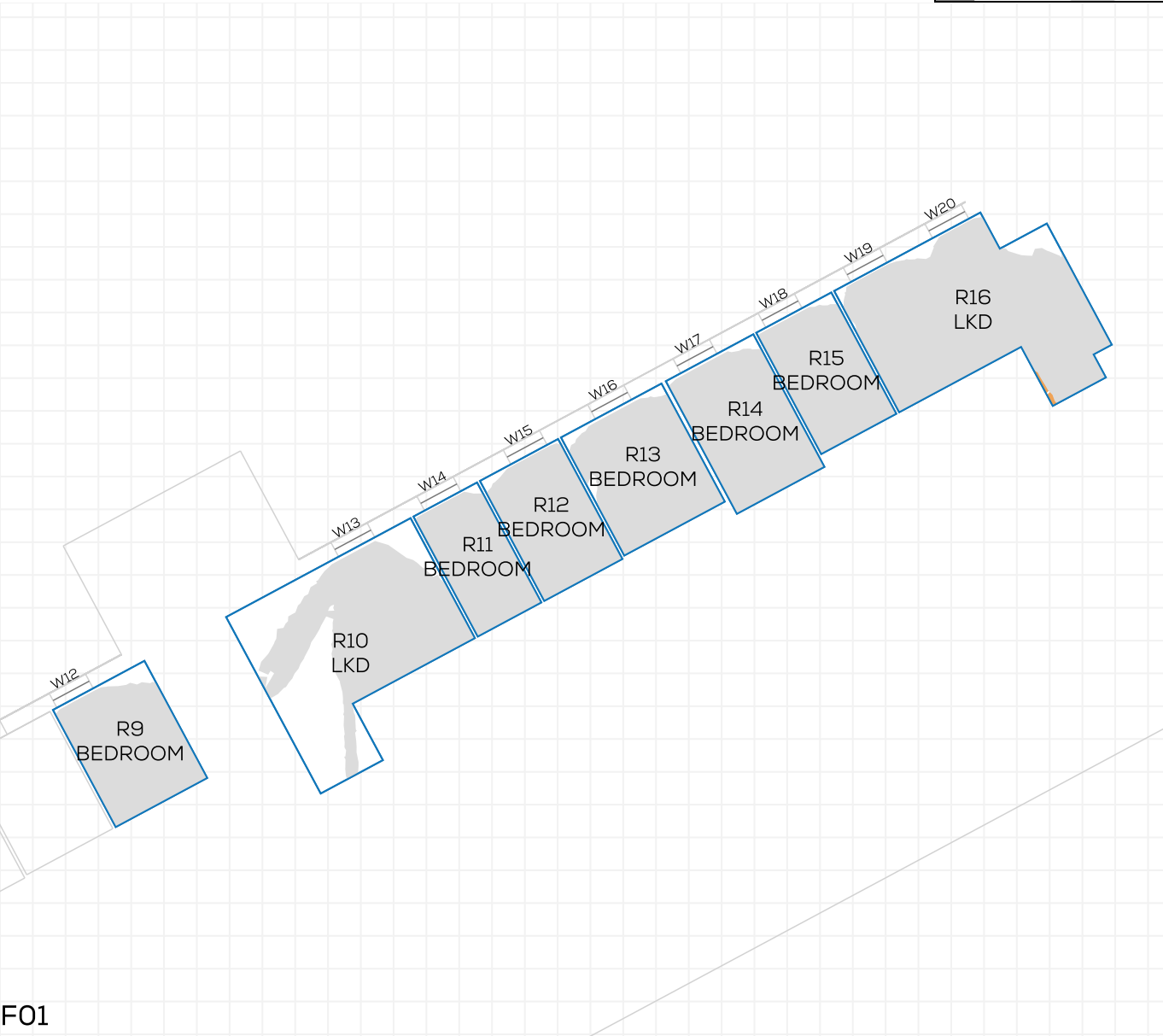
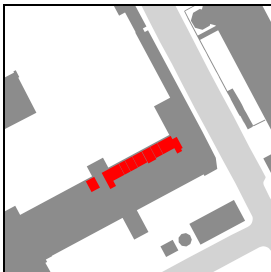
KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: MACINTOSH MILLS
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL80
SCHEME IR: IR14 + 1 FLOOR

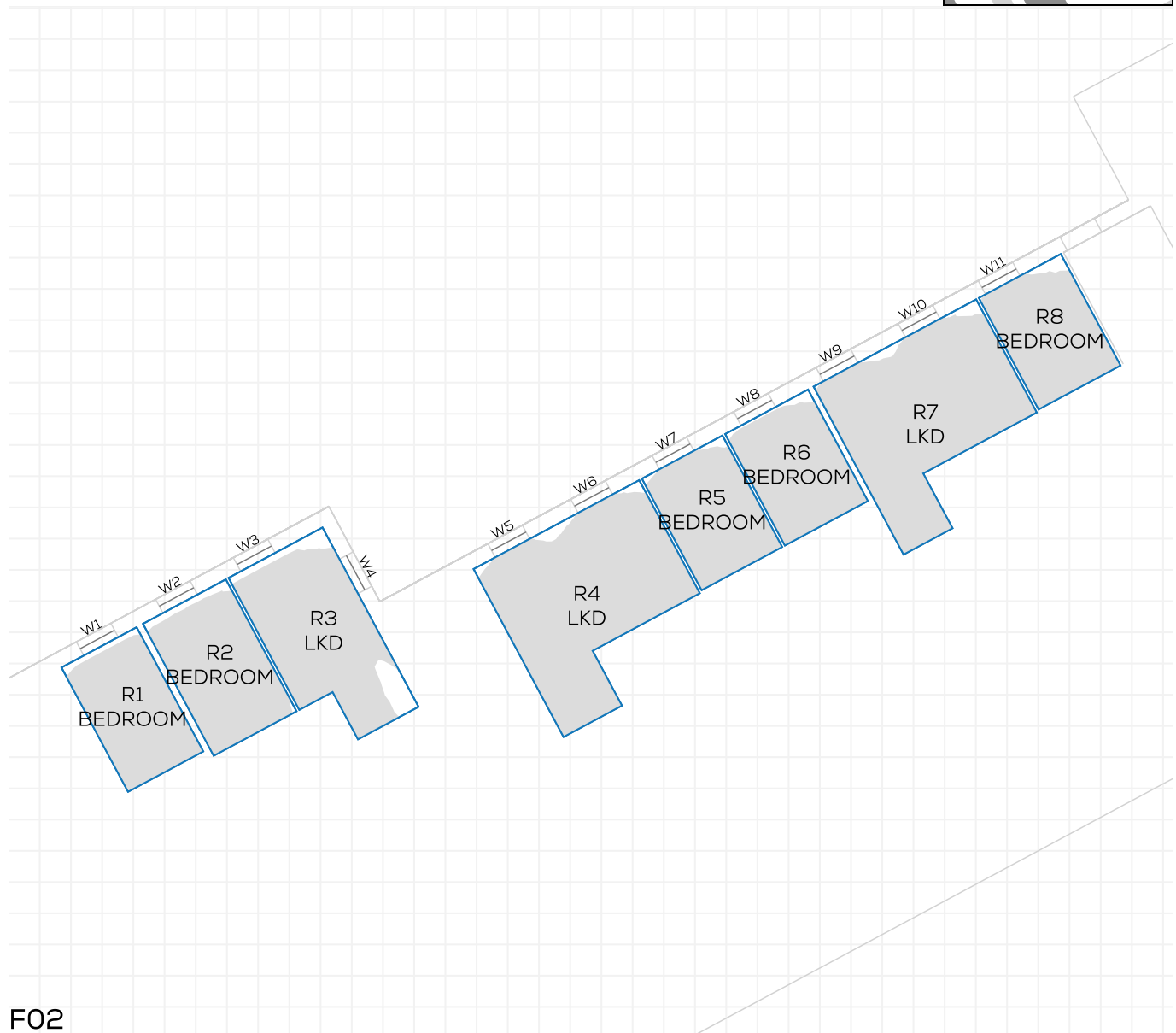
KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
 REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
 ADDRESS: MACINTOSH MILLS
 DATE: 09/05/2025
 DRAWING No.: 20256-REL04-IS03-NSL81
 SCHEME IR: IR14 + 1 FLOOR

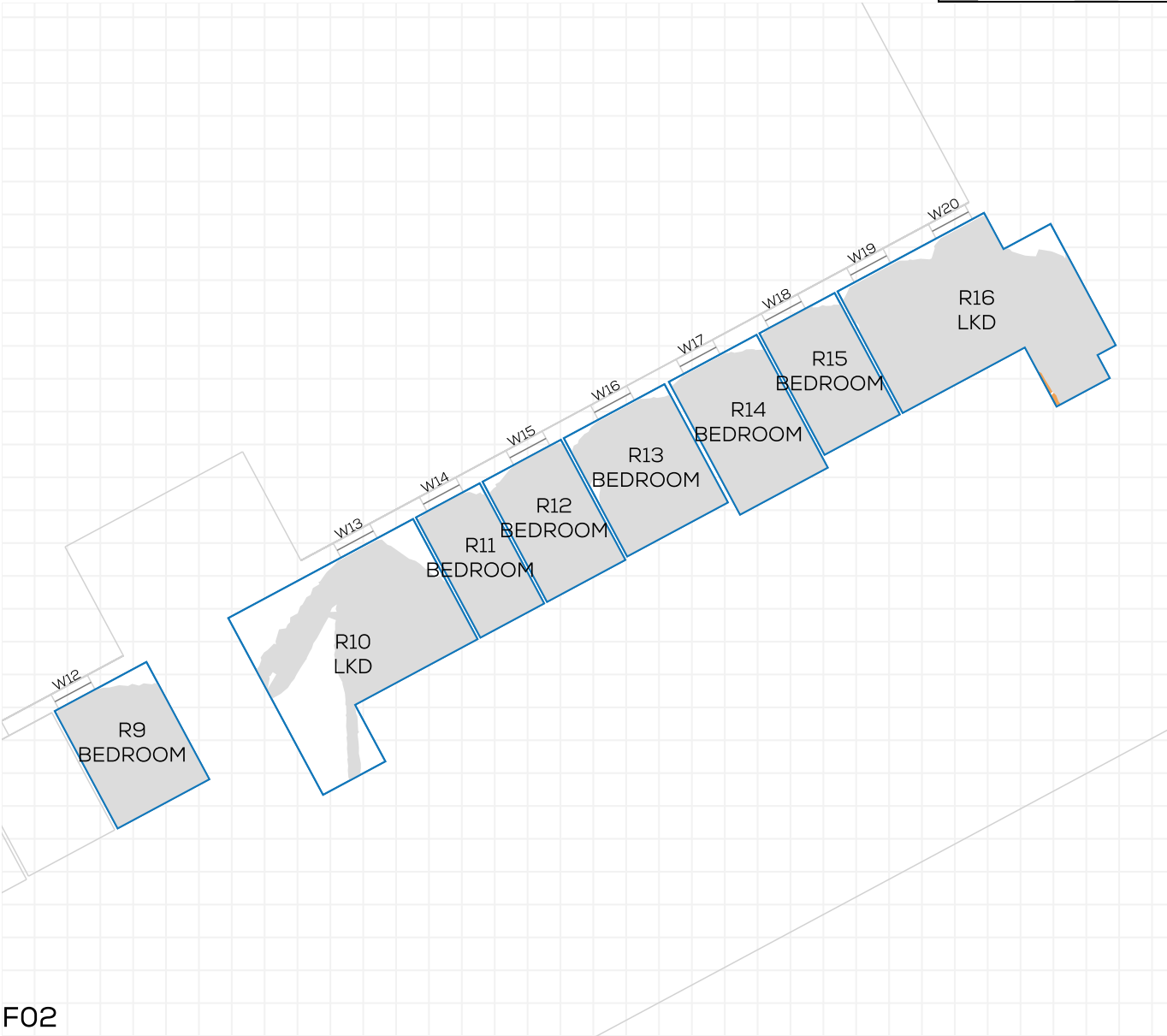
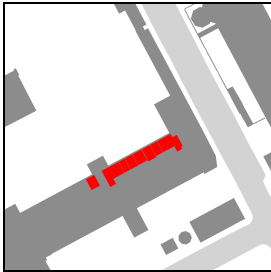
KEY:
 GAIN
 LOSS
 MAINTAINED LIT AREA
 1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: MACINTOSH MILLS
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL82
SCHEME IR: IR14 + 1 FLOOR

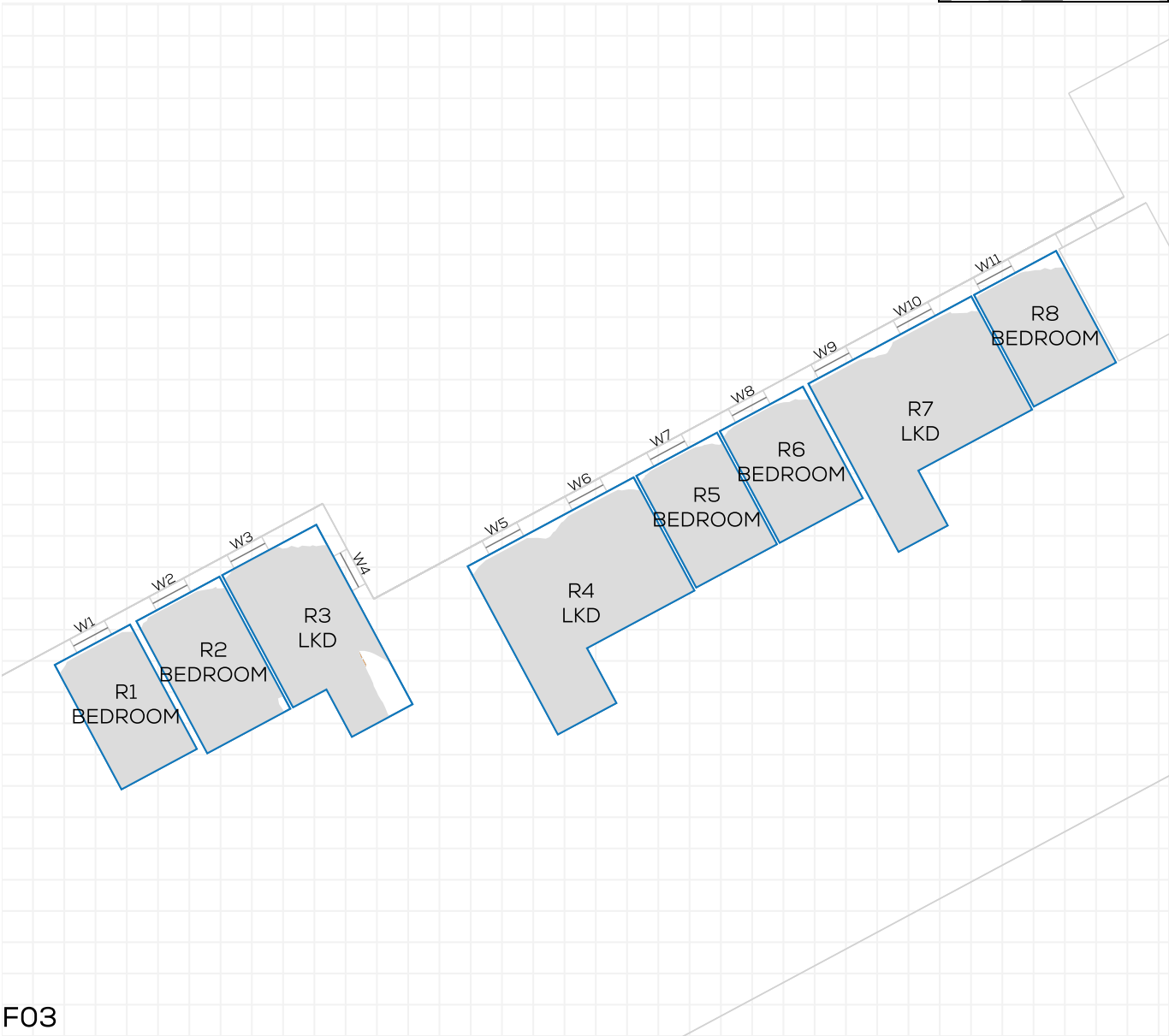
KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: MACINTOSH MILLS
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL83
SCHEME IR: IR14 + 1 FLOOR

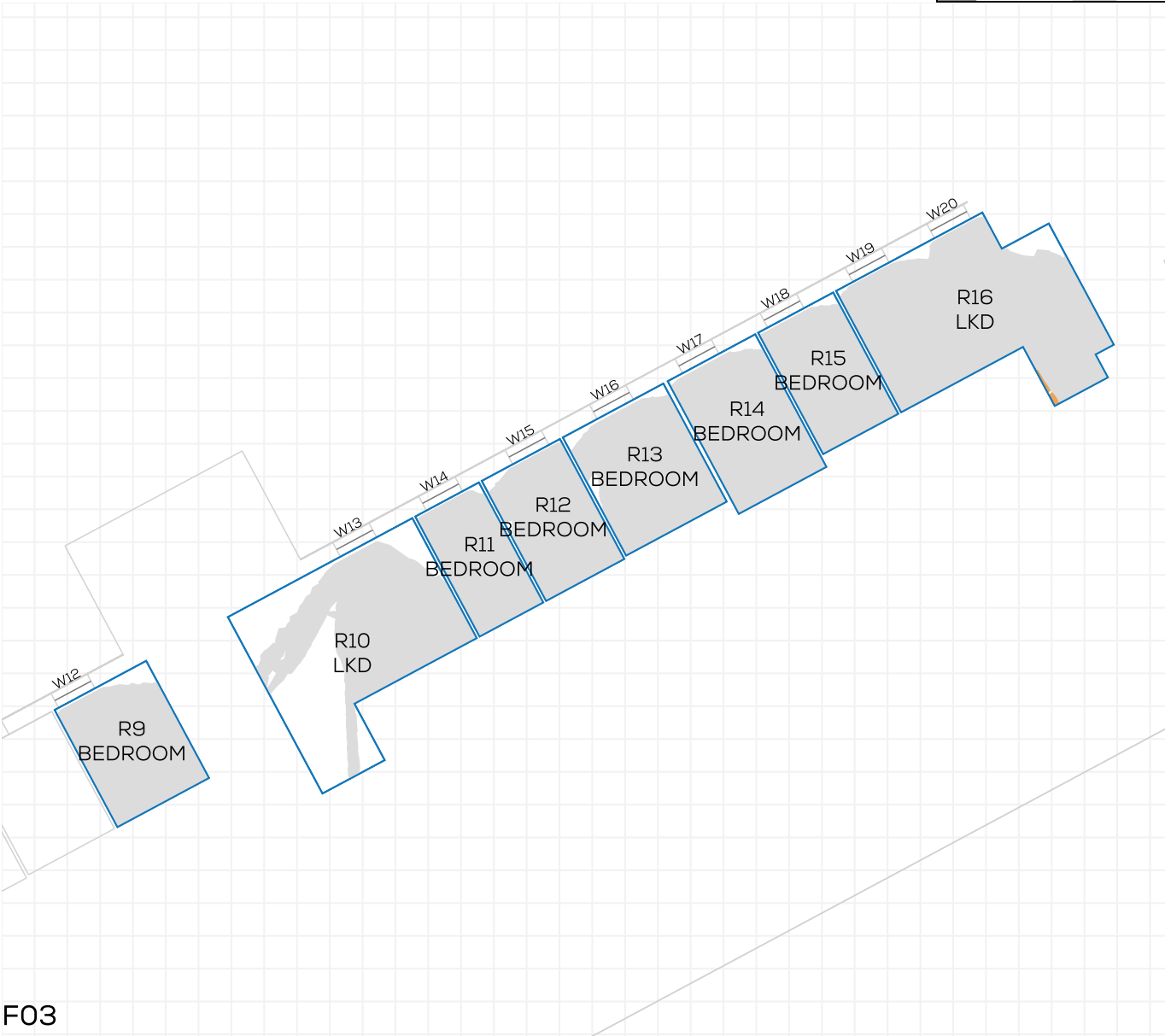
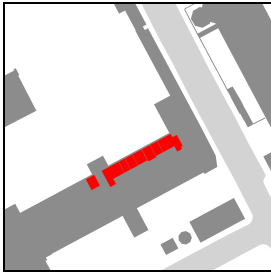
KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: MACINTOSH MILLS
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL84
SCHEME IR: IR14 + 1 FLOOR

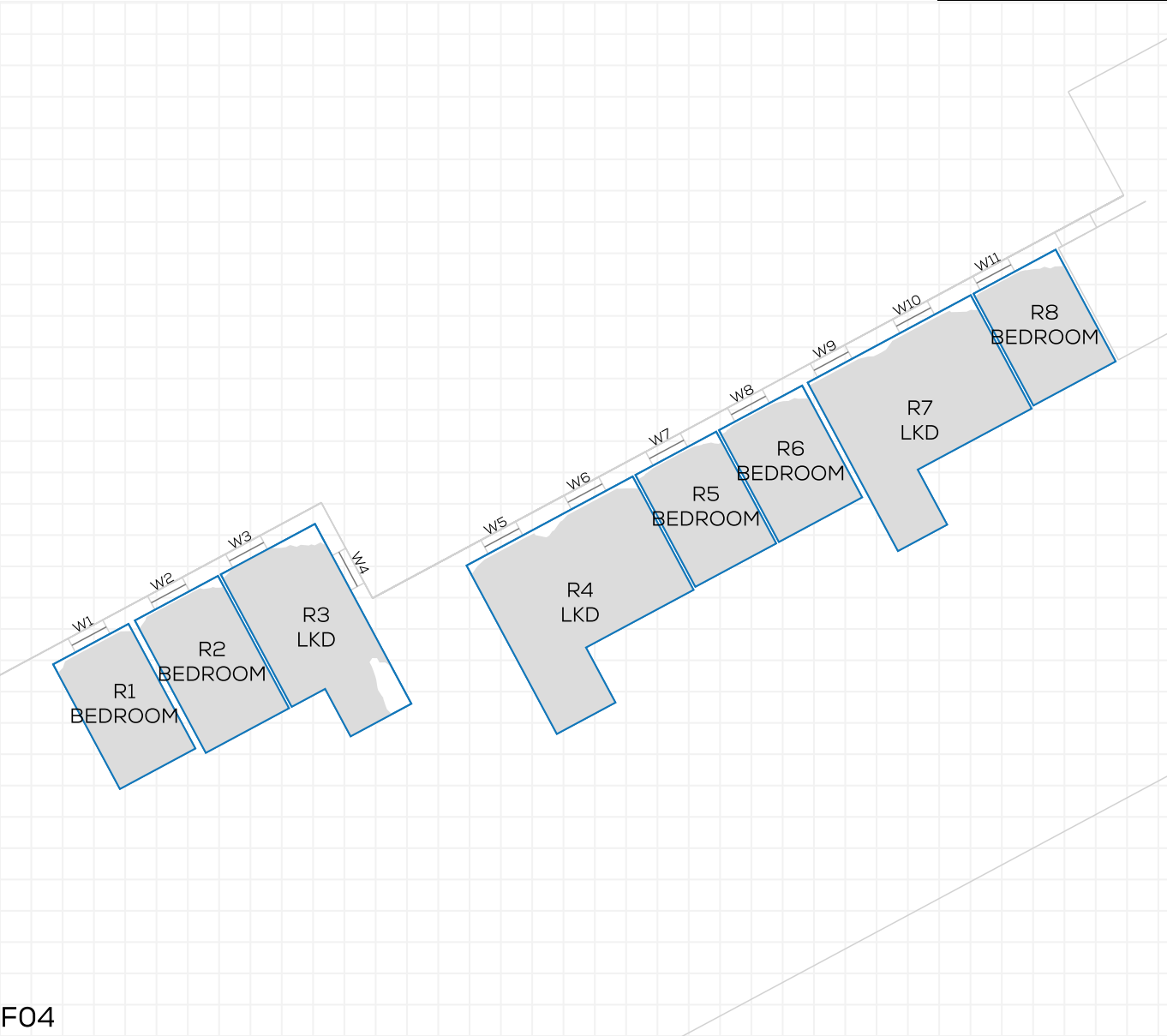
KEY:
 GAIN
 LOSS
 MAINTAINED LIT AREA
 1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: MACINTOSH MILLS
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL85
SCHEME IR: IR14 + 1 FLOOR

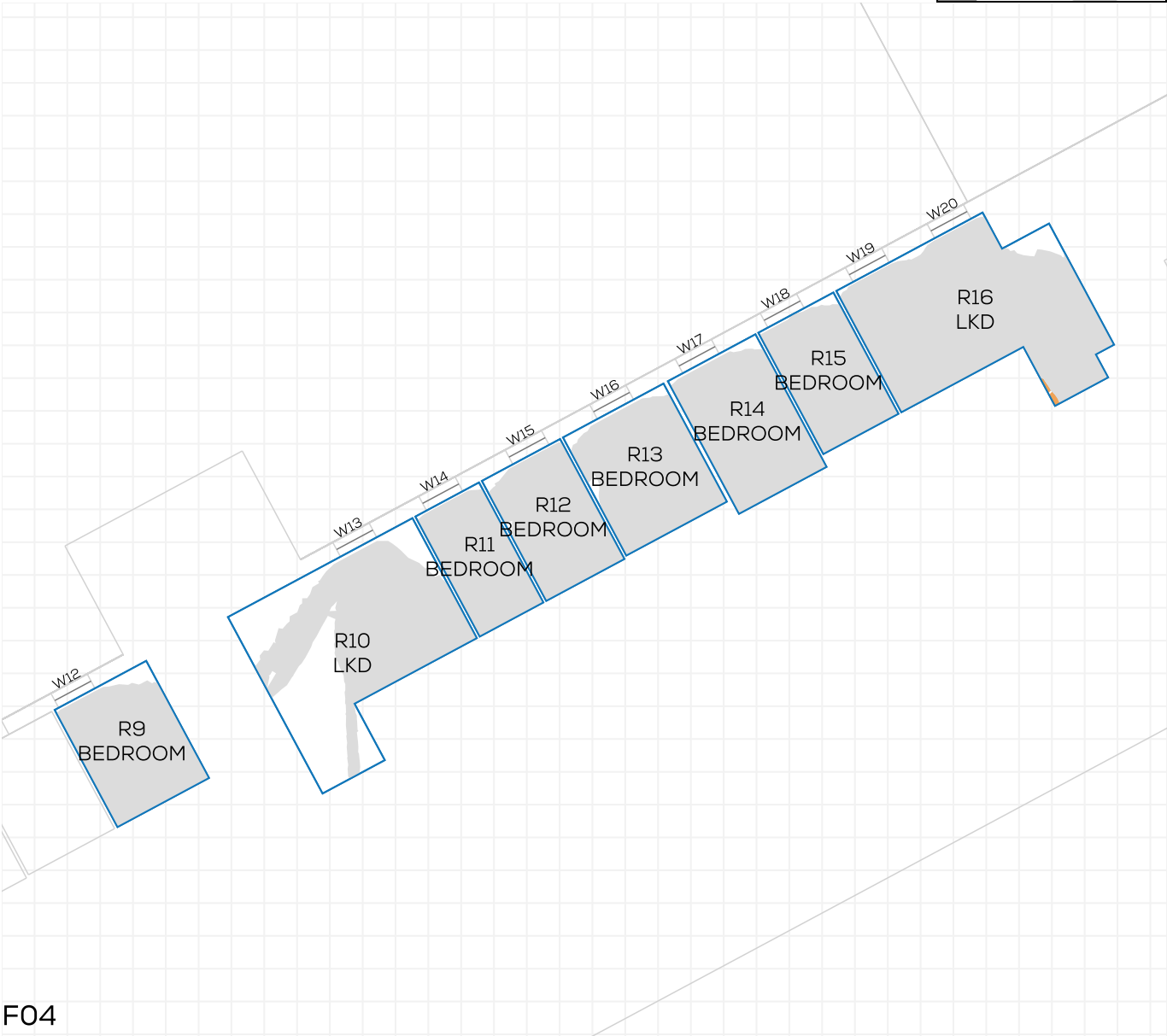
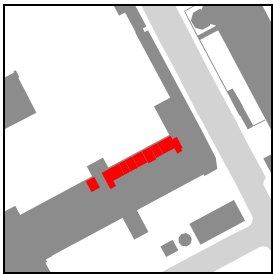
KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: MACINTOSH MILLS
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL86
SCHEME IR: IR14 + 1 FLOOR

KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID

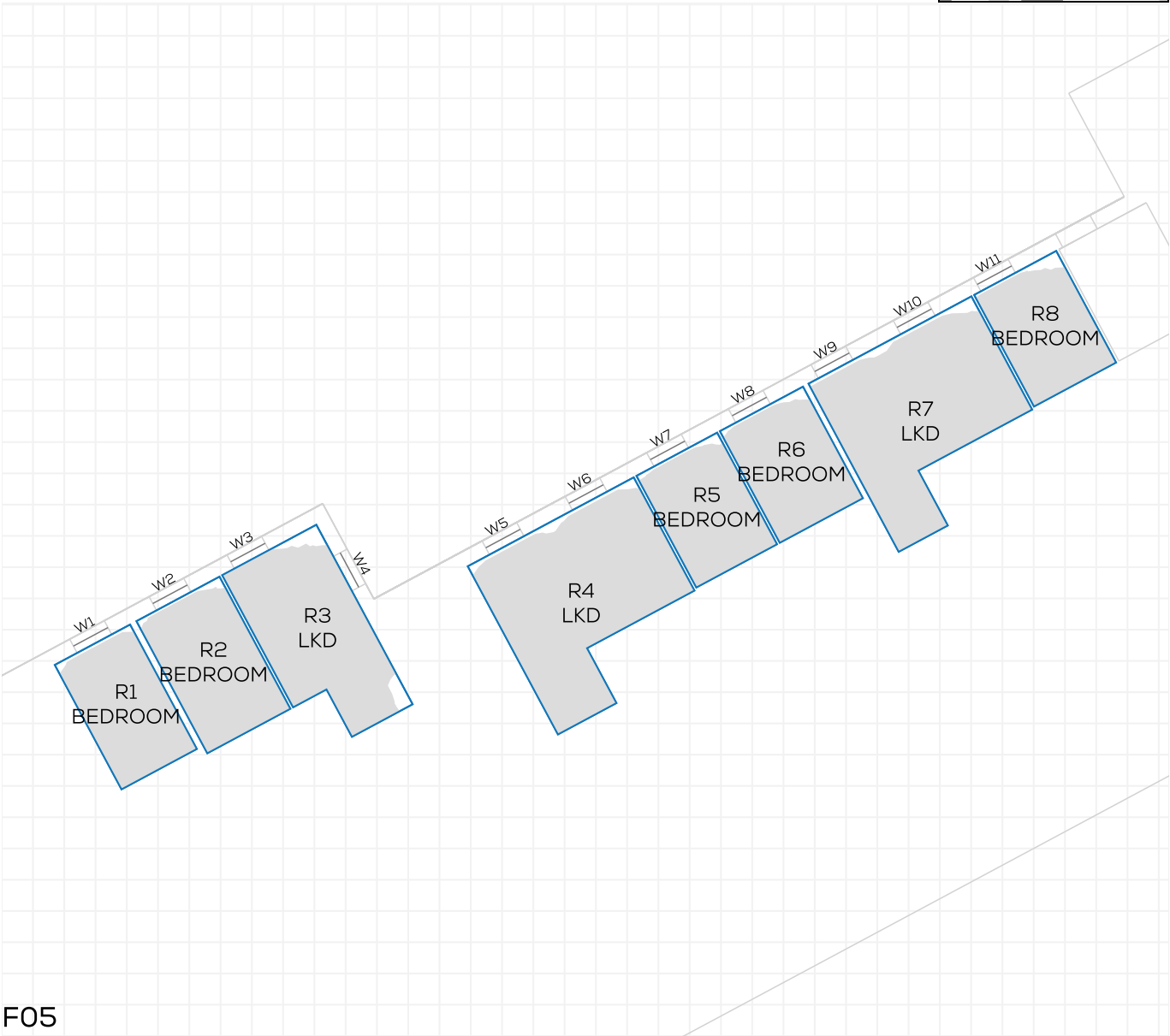


F04

NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER
REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)
ADDRESS: MACINTOSH MILLS
DATE: 09/05/2025
DRAWING No.: 20256-REL04-IS03-NSL87
SCHEME IR: IR14 + 1 FLOOR

KEY:
GAIN
LOSS
MAINTAINED LIT AREA
1 METRE GRID



NSL CONTOURS

PROJECT: 20256 - HOTSPUR PRESS, MANCHESTER KEY:

REPORT TITLE: EXISTING (EX) VS. PROPOSED (PR)

ADDRESS: MACINTOSH MILLS

DATE: 09/05/2025

DRAWING No.: 20256-REL04-IS03-NSL88

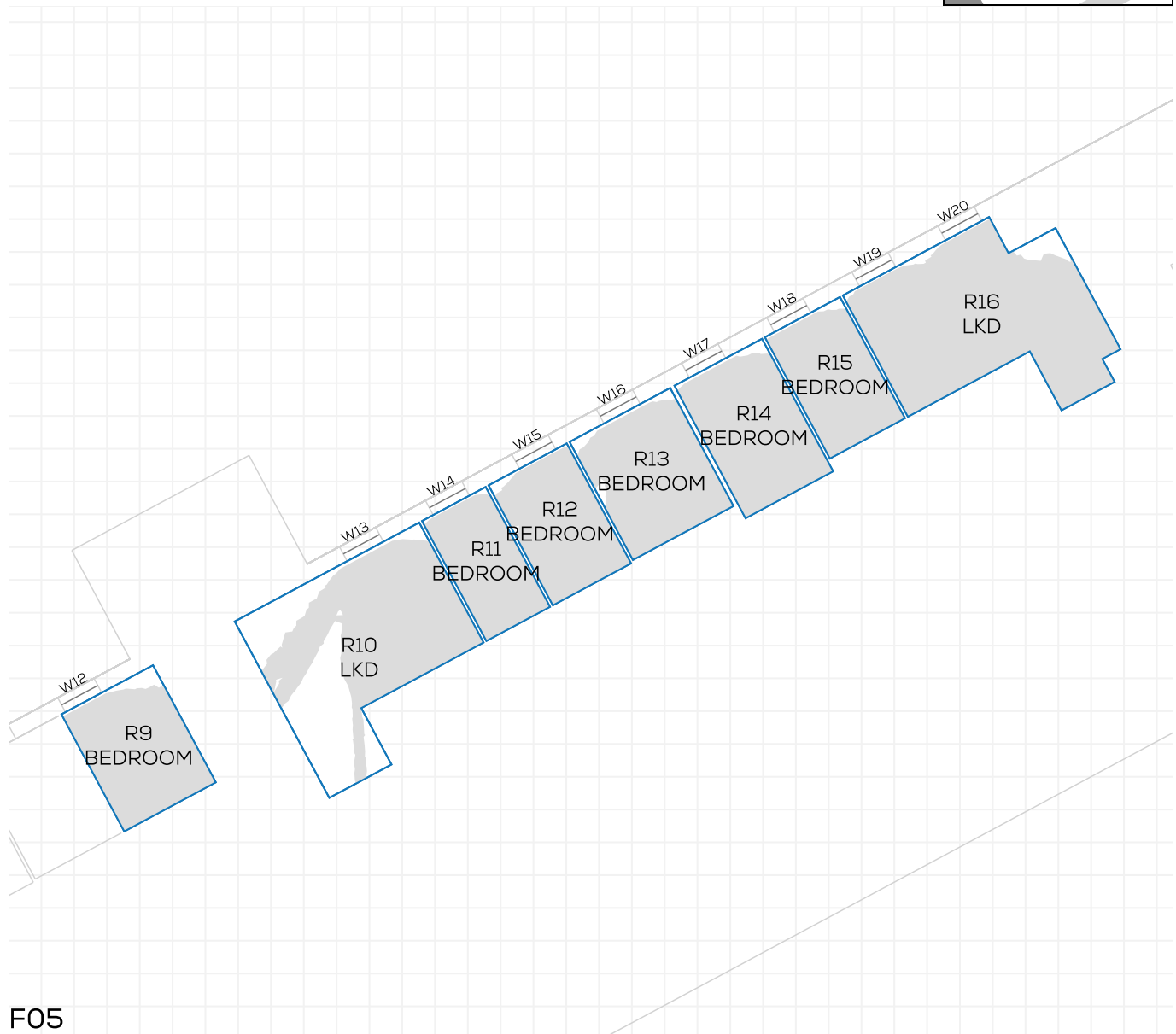
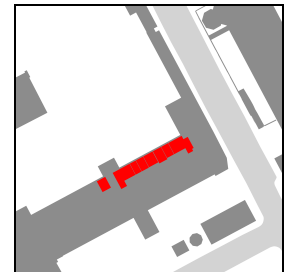
SCHEME IR: IR14 + 1 FLOOR

GAIN

LOSS

MAINTAINED LIT AREA

1 METRE GRID





What we do:

Building Surveying
Daylight & Sunlight
Light Obstruction Notices
Measured Surveys
Neighbourly Matters
Rights of Light
Solar Photovoltaics
Wind

Where we are:

Belfast
Birmingham
Bristol
Dublin
London
Manchester

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