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DAYLIGHT & SUNLIGHT REPORT

Union Park Block 4
North Hyde Gardens
Hayes, UB3

Our Ref: 6599

27 February 2025

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neighbouring properties

Report details

Client: ARK UP4 Ltd

Prepared by: JP

Checked by: HG

Date of issue: February 2024

1 Introduction

- 1.1.1 eb7 have been instructed to assess the effect of the proposed development at Union Park on daylight and sunlight to the surrounding residential properties. These assessments consider the latest Studio NWA scheme proposals received February 2025.
- 1.1.2 The methodology and criteria used for these assessments is provided by Building Research Establishment's (BRE) guidance '*Site layout planning for daylight and sunlight: A guide to good practice*' (BRE 209 2nd edition, 2022).
- 1.1.3 In order to carry out an assessment, we have generated a 3D computer model (Test Environment) of the existing site, the key surrounding properties and the proposed scheme. Using this model and our specialist software, we have calculated the daylight and sunlight levels in both the existing and proposed conditions for the relevant neighbouring buildings.
- 1.1.4 The numerical criteria suggested within the BRE guidelines has been applied to each of the assessments mentioned above. It is important to note that these guidelines are not a rigid set of rules but are advisory and need to be applied flexibly according to the specific context of a site.

2 Guidance

2.1 Daylight & sunlight for planning

'Site layout planning for daylight and sunlight: A guide to good practice', BRE 2022

- 2.1.1 The Building Research Establishment (BRE) Report 209, *'Site layout planning for daylight and sunlight: A guide to good practice'*, is the reference document used by most local authorities for assessing daylight and sunlight in relation to new developments. Commonly referred to as *'the BRE guidelines'*, it provides various testing methodologies to calculate the potential light levels received by neighbours of a development site and provided within proposed new development.
- 2.1.2 The guidance given within the BRE document makes direct reference to the British Standard BS EN17037 (2018) and the CIBSE (Chartered Institute of Building Services Engineers) guide LG10: Daylighting – a guide for designers (2014). It is intended to be used in conjunction with these documents, which provide guidance on the assessment of daylight and sunlight within new buildings.

2.2 Detailed daylight assessments (neighbouring properties)

- 2.2.1 The guidance outlines detailed methods for calculating daylight to neighbours - the Vertical Sky Component (VSC) and the No-Skyline (NSL).
- 2.2.2 The VSC test measures the amount of sky that is visible to a specific point on the outside of a property, which is directly related to the amount of daylight that can be received. It is measured on the outside face of the external walls, usually at the centre point of a window.
- 2.2.3 The NSL test calculates the distribution of daylight within rooms by determining the area of the room at desk / work surface height (the 'working plane') which can and cannot receive a direct view of the sky and hence 'sky light'. The working plane height is set at 850mm above floor level within residential property.
- 2.2.4 For the above methods, the guidance suggests that existing daylight may be noticeably affected by new development if: -
- Windows achieve a VSC below 27% and are reduced to less than 0.80 times their former value; and
 - Levels of NSL within rooms are reduced to less than 0.80 times their former values.
- 2.2.5 Where rooms are greater than 5m in depth and lit from only one side, the guidance recognises that *"a greater movement of the no skyline may be unavoidable"* (page 16, paragraph 2.2.12).

2.3 Detailed sunlight assessments (neighbouring properties)

- 2.3.1 For sunlight, the Annual Probable Sunlight Hours (APSH) test calculates the percentage of probable hours of sunlight received by a window or room over the course of a year.
- 2.3.2 In assessing sunlight effects to existing properties surrounding a new development, only those windows orientated within 90° of due south, and which overlook the site require assessment. The main focus is on living rooms, with bedrooms and kitchens deemed less important.
- 2.3.3 The guidelines suggest that the main living rooms within new buildings should achieve at least 25% of annual sunlight hours, with 5% during the winter period. For neighbouring buildings, the guide suggests that occupiers will notice the loss of sunlight if the APSH to main living rooms is both less than 25% annually (with 5% during winter) and that the amount of sunlight, following the proposed development, is reduced by more than 4%, to less than 0.80 times its former value.

3 Planning Policy

- 3.1.1 We have considered local, regional and national planning policy relating to daylight and sunlight. In general terms, planning policy advises that new development will only be permitted where it is shown not to cause unacceptable loss of daylight or sunlight amenity to neighbouring properties.
- 3.1.2 The need to protect amenity of neighbours is echoed within recent publications from the Mayor of London and the Secretary of State for Housing, Communities and Local Government. Although, these documents also stress that current guidance needs to be used flexibly where developments are located in urban areas and intend to achieve higher densities. Specifically, these documents suggest that the nationally applicable criteria given within the BRE guidance needs to be applied in consideration of the development's context.

3.2 London Borough of Hillingdon Local Plan: Part 2 – Development Management Policies (Adopted January 2020)

- 3.2.1 Paragraph 5.41 of the Local Plan Part 2 states that:
- "The Council will aim to minimise the impact of the loss of daylight and sunlight and unacceptable overshadowing caused by new development on habitable rooms, amenity space and public open space. The Council will also seek to ensure that the design of new development optimises the levels of daylight and sunlight. The Council will expect the impact of the development to be assessed following the methodology set out in the most recent version of the Building Research Establishments (BRE) "Site layout planning for daylight and sunlight: A guide to good practice."*
- 3.2.2 Policy DMHB 11: Design of New Development:
- "B) Development proposals should not adversely impact on the amenity, daylight and sunlight of adjacent properties and open space."*

3.3 The National Planning Policy Framework - Department for Housing, Communities and Local Government (December 2023)

- 3.3.1 The latest version of the National Planning Policy Framework sets out planning policies for England and how these are expected to be applied. In respect of daylight and sunlight it stresses the need to make optimal use of sites and to take a flexible approach to daylight and sunlight guidance. Para 129 States: -

11. Making effective use of land

Achieving appropriate densities

"129. Area-based character assessments, design guides and codes and masterplans can be used to help ensure that land is used efficiently while also creating beautiful and sustainable places. Where there is an existing or

anticipated shortage of land for meeting identified housing needs, it is especially important that planning policies and decisions avoid homes being built at low densities, and ensure that developments make optimal use of the potential of each site. In these circumstances:

c) local planning authorities should refuse applications which they consider fail to make efficient use of land, taking into account the policies in this Framework. In this context, when considering applications for housing, authorities should take a flexible approach in applying policies or guidance relating to daylight and sunlight, where they would otherwise inhibit making efficient use of a site (as long as the resulting scheme would provide acceptable living standards)."

4 Application of the Guidance

4.1 Scope of assessment

Impact analysis for neighbouring buildings and outdoor spaces

- 4.1.1 The BRE guidelines advise that, when assessing any potential effects on surrounding properties, only those windows and rooms that have a 'reasonable expectation' of daylight and sunlight need to be considered. At paragraph 2.2.2 it states: -

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

- 4.1.2 Our assessments of daylight and sunlight impact to neighbouring buildings therefore consider only residential properties, which the BRE recognises have the highest expectation for natural light. We have tested the impact on the habitable rooms in each residential property and ignored non-habitable space (e.g. staircases, hallways, bathrooms, toilets, stores etc.) as per BRE guidance.

4.2 Application of the numerical criteria

- 4.2.1 The opening paragraphs of the BRE guidelines state:

"1.6 The guide is intended for building designers and their clients, consultants, and planning officials. The advice given here is not mandatory and the guide should not be seen as an instrument of planning policy; its aim is to help rather than constrain the designer. Although it gives numerical guidelines, these should be interpreted flexibly since natural lighting is only one of many factors in site layout design (see Section 5). In special circumstances the developer or planning authority may wish to use different target values. For example, in a historic city centre, or in an area with modern high-rise buildings, a higher degree of obstruction may be unavoidable if new developments are to match the height and proportions of existing buildings."

- 4.2.2 It is therefore very important to apply the BRE guidance sensibly and flexibly, with careful consideration of the specific site context. Its numerical targets apply to any built environment, from city centres to rural villages. However, in more tightly constrained environments, achieving the default BRE targets can be very challenging and conflict with other beneficial factors of site layout design.

5 Sources of Information & Assumptions

- 5.1.1 A combination of a measured survey, architectural drawings, planning drawings, site photographs and Ordnance Survey information have been used to create a 3D computer model of the proposed development in the context of the existing site and surrounding buildings.
- 5.1.2 Where survey or planning information was unavailable, the position of the neighbouring property elevations has been estimated based upon brick counts from site photographs. Window positions and dimensions used directly affect the results of all assessment methods.
- 5.1.3 We have not sought access to the surrounding properties and, unless we have been able to source floor layouts via public records, the internal configuration and floor levels have been estimated. Unless the building form dictates otherwise, we assume room depths of c. 4.2m for principal living space. Room layouts used directly affect the results of the NSL and ADF assessments.
- 5.1.4 Where possible neighbouring building use has been identified via online research, including Valuation Office Agency (VOA) searches, and/or external observation.
- 5.1.5 The full list of source of information used in this assessment is as follows: -

5.2 Studio NWA

3D model

HDR-0474-BK4-ZZ-M3-N-000001.dwg

Received 07/02/2025

5.3 EB7 Ltd

Site Photographs

Ordnance Survey Information

6 The Site and Proposal

- 6.1.1 The development site is located to the northwest of North Hyde Gardens and is currently an existing commercial building.
- 6.1.2 The proposals involve the redevelopment of the site to provide a new data centre as indicated in the images below. To the east of the proposed development site and as indicated in red in our isometric images below are the cumulative Union Park buildings that are expected to be built out in the future.

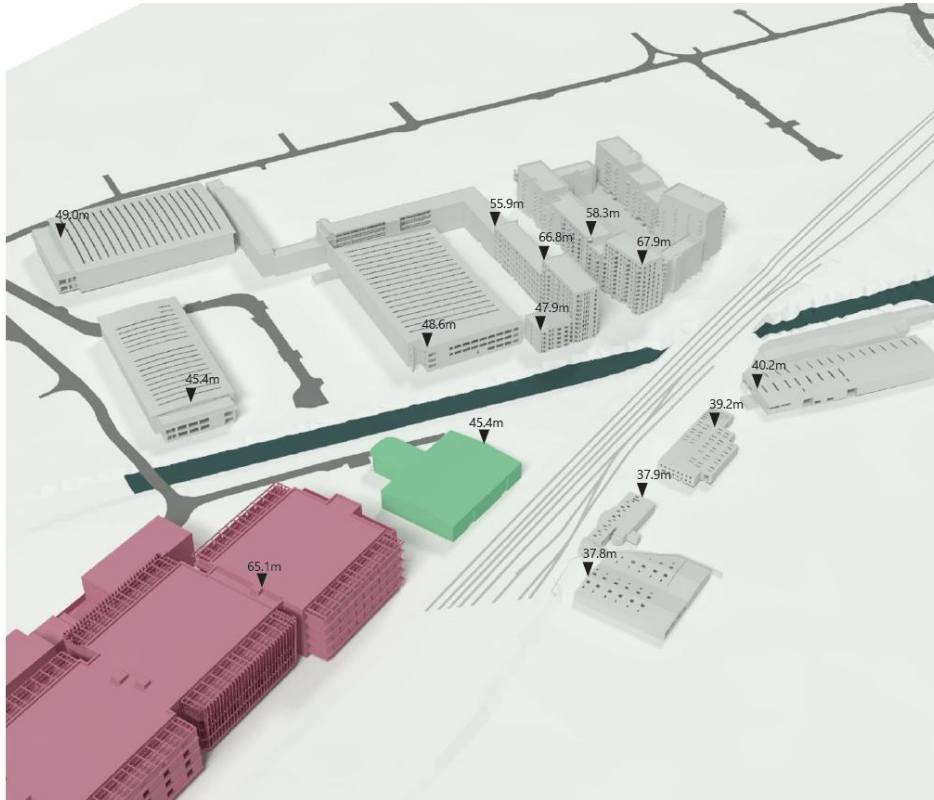


Image 1 - Isometric view of the existing site and emerging context

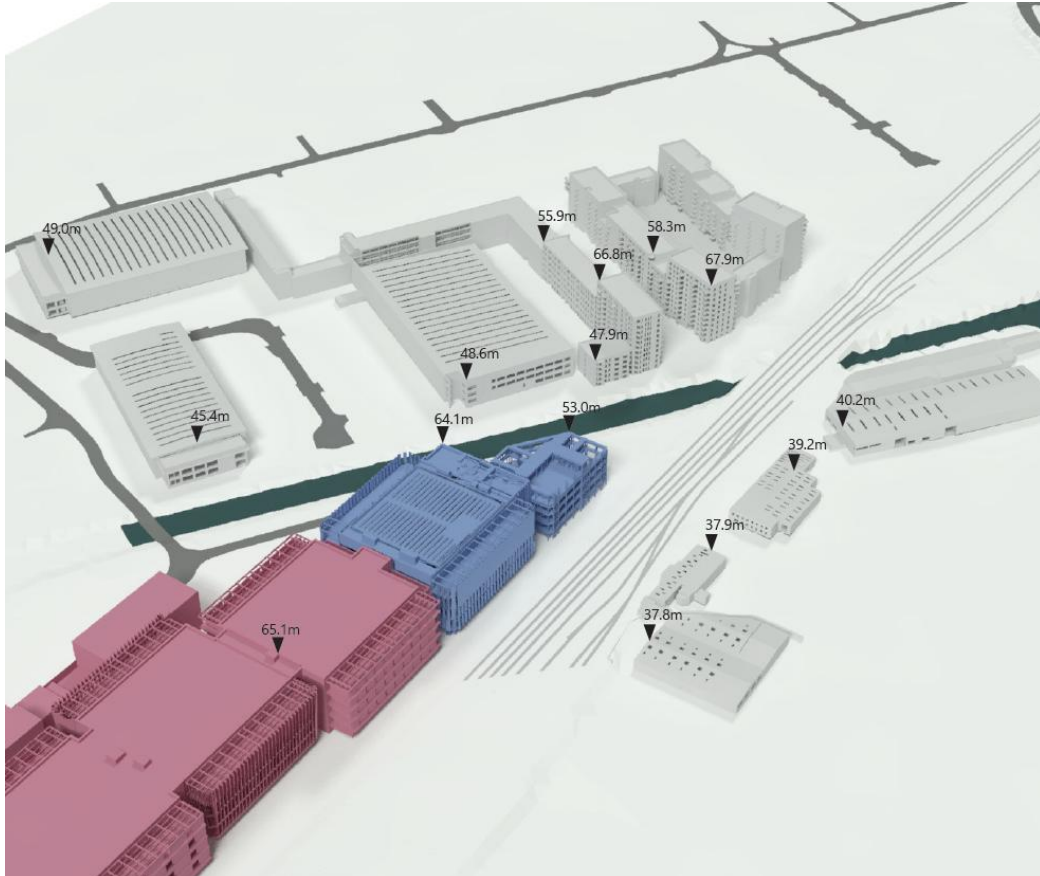


Image 2 - Isometric view of the proposed development and context

7 Assessment results

7.1 Daylight and sunlight to neighbouring buildings

- 7.1.1 Full results of the daylight and sunlight assessments are attached within Appendix 2. Drawings to show the existing and proposed buildings in the context of the neighbouring properties as well as window maps showing individual window references are attached within Appendix 1.
- 7.1.2 The majority of the neighbouring properties are in commercial use and therefore not relevant to be assessed under the BRE guidelines.
- 7.1.3 We have however considered the impacts of the proposals on the residential accommodation at Hayes Village Apartment Complex which is located to the west of the site on the opposite side of the Grand Union Canal. There are a number of windows within these residential blocks which will have a view of the proposals.

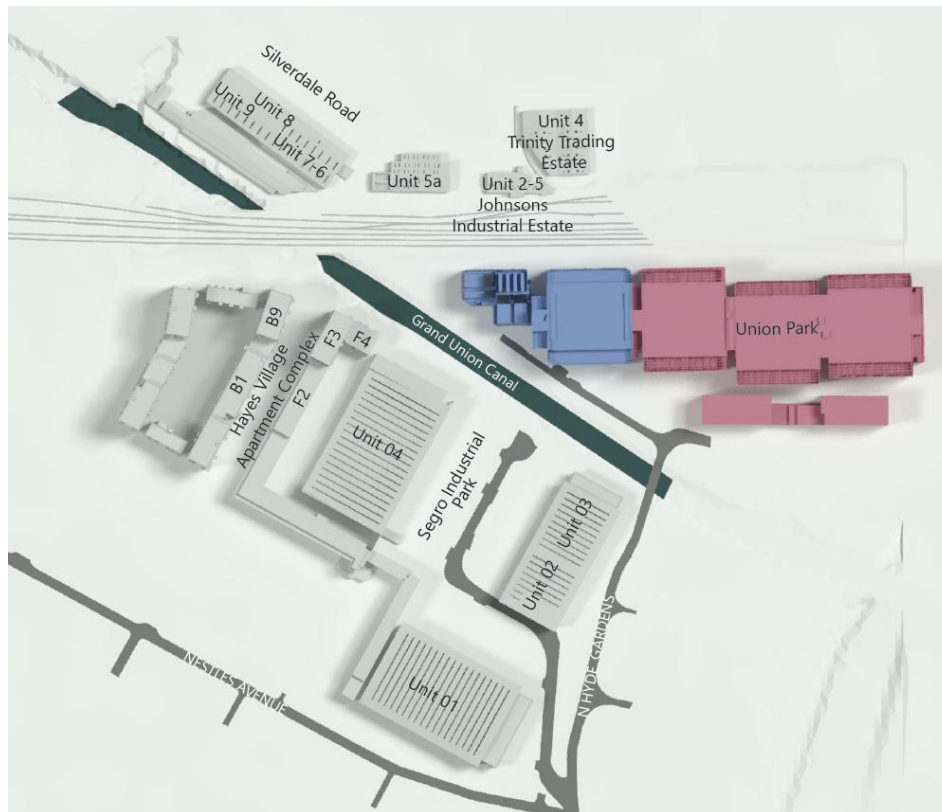


Image 3 - Map showing site location and neighbouring properties

7.2 Hayes Village Apartment Complex

- 7.2.1 We have modelled the internal layouts within these apartment buildings using the proposed planning drawings from the 2017 planning application for the demolition of the pre-existing factory buildings and redevelopment of the site to provide 1,386 residential dwellings (REF: 1331/APP/2017/1883).
- 7.2.2 The results of our VSC assessments have shown that all the windows serving habitable spaces within these neighbouring blocks will retain VSC levels of at least 0.80 times their former value or remain unaffected by the proposed development.
- 7.2.3 The NSL assessments also confirm no material change in daylight distribution to any habitable spaces with retained proportional values to all the rooms within these residential remaining above the BRE targets.
- 7.2.4 In accordance with the BRE recommendations, we have also tested the APSH sunlight levels in primary living spaces orientated within 90° of due south. The results of these assessments confirm that all of the living spaces within these neighbouring apartments will continue to exceed the targets for sunlight.
- 7.2.5 As such, the proposed scheme is considered to remain fully compliant with the BRE guidelines for both daylight and sunlight with no material impacts to the residential apartments at the Hayes Village Apartment Complex.

8 Conclusions

- 8.1.1 This practice has undertaken a detailed assessment of the potential daylight and sunlight effects of the proposed development at Hayes Digital Park on the key neighbouring properties.
- 8.1.2 Our assessments have been undertaken using the VSC and NSL (daylight) and APSH (sunlight) tests set out within the BRE guidance '*Site layout planning for daylight and sunlight: A guide to good practice*' (2022).
- 8.1.3 The results of our daylight and sunlight assessments have shown that all of the habitable rooms within the Hayes Village Apartment complex will retain very good levels of daylight and sunlight with the proposal in place and therefore the impacts are considered wholly in line with the BRE guidelines.
- 8.1.4 Overall, we therefore consider the proposed development responds appropriately to its surrounding context and is wholly acceptable with the BRE guidelines.



Appendix 1

Drawings of the existing, proposed and surrounding buildings



Sources of information

NWA
HDR-0474-BK4-ZZ-M3-N-000001.dwg
Received 07/02/2025

EB7 Ltd
Site Photographs
Ordnance Survey



Key		Existing Building
		Surrounding Context
		Consented Development
		Proposed Development

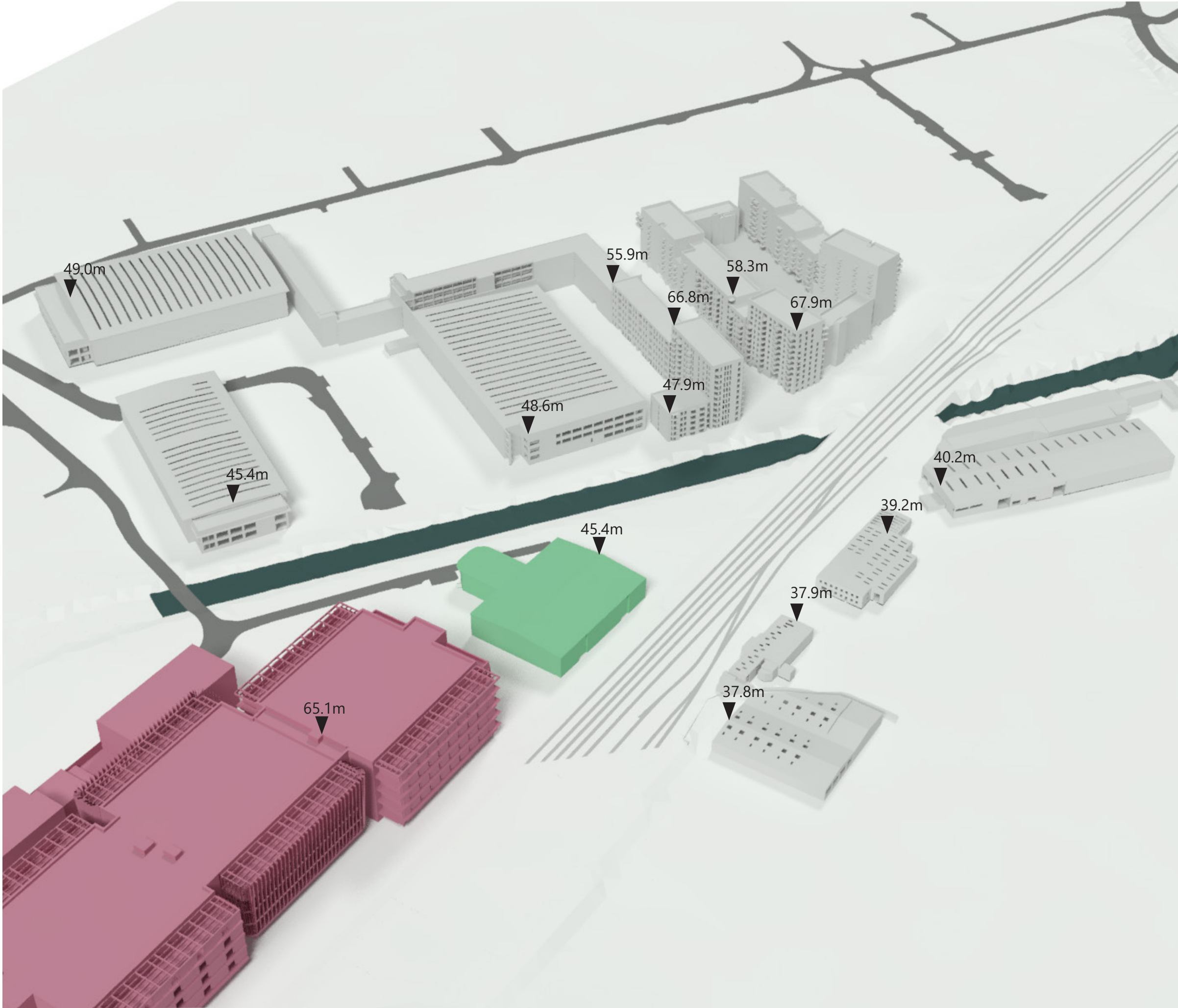
Project Union Park Hayes

Title Existing Condition
Plan View

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Sources of information

NWA
HDR-0474-BK4-ZZ-M3-N-000001.dwg
Received 07/02/2025

EB7 Ltd
Site Photographs
Ordnance Survey

Key		Existing Building
		Surrounding Context
		Consented Development
		Proposed Development

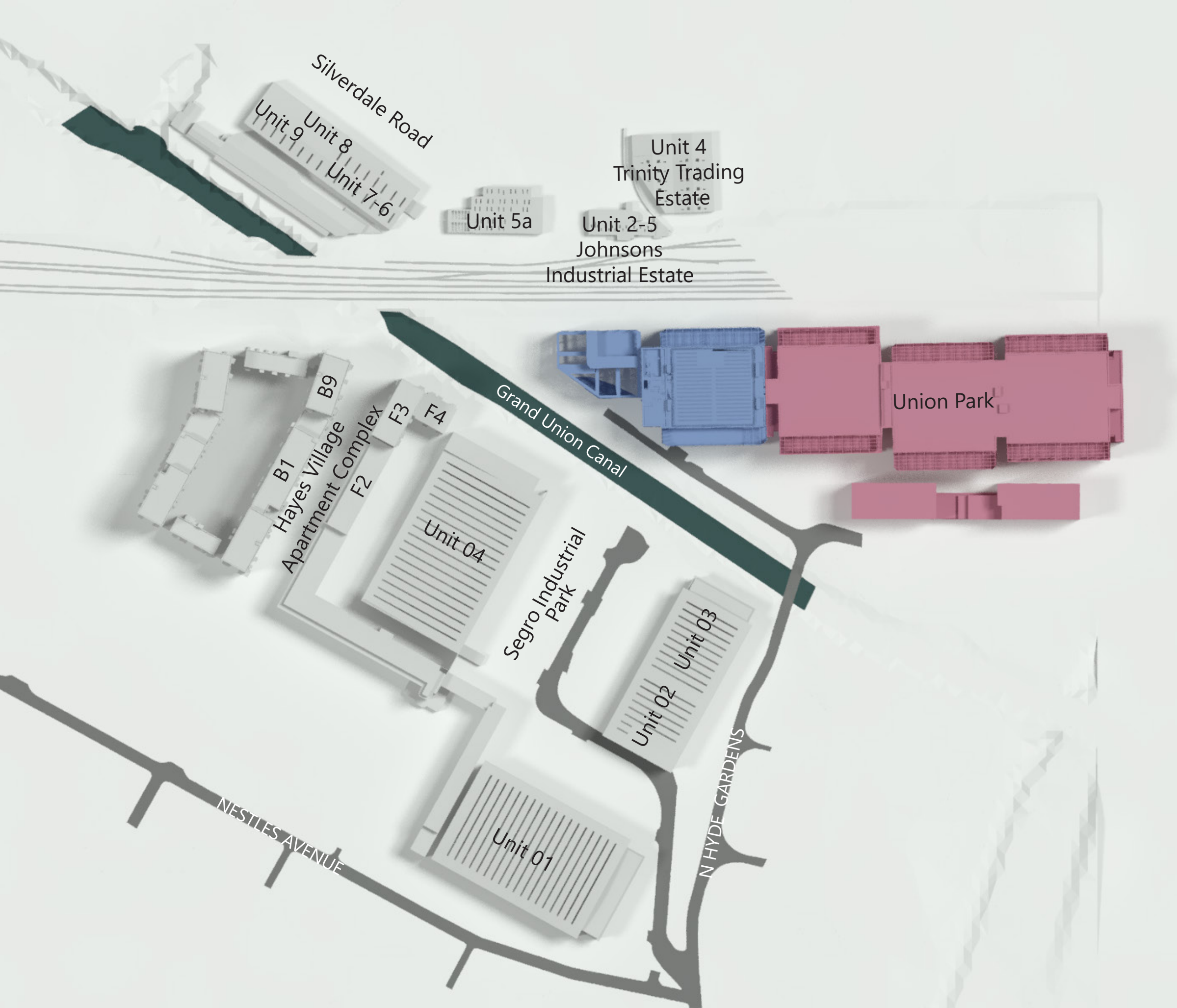
Project Union Park Hayes

Title Existing Condition
3D View

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Sources of information

NWA
HDR-0474-BK4-ZZ-M3-N-000001.dwg
Received 07/02/2025

EB7 Ltd
Site Photographs
Ordnance Survey



Key		Existing Building
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		Consented Development
		Proposed Development

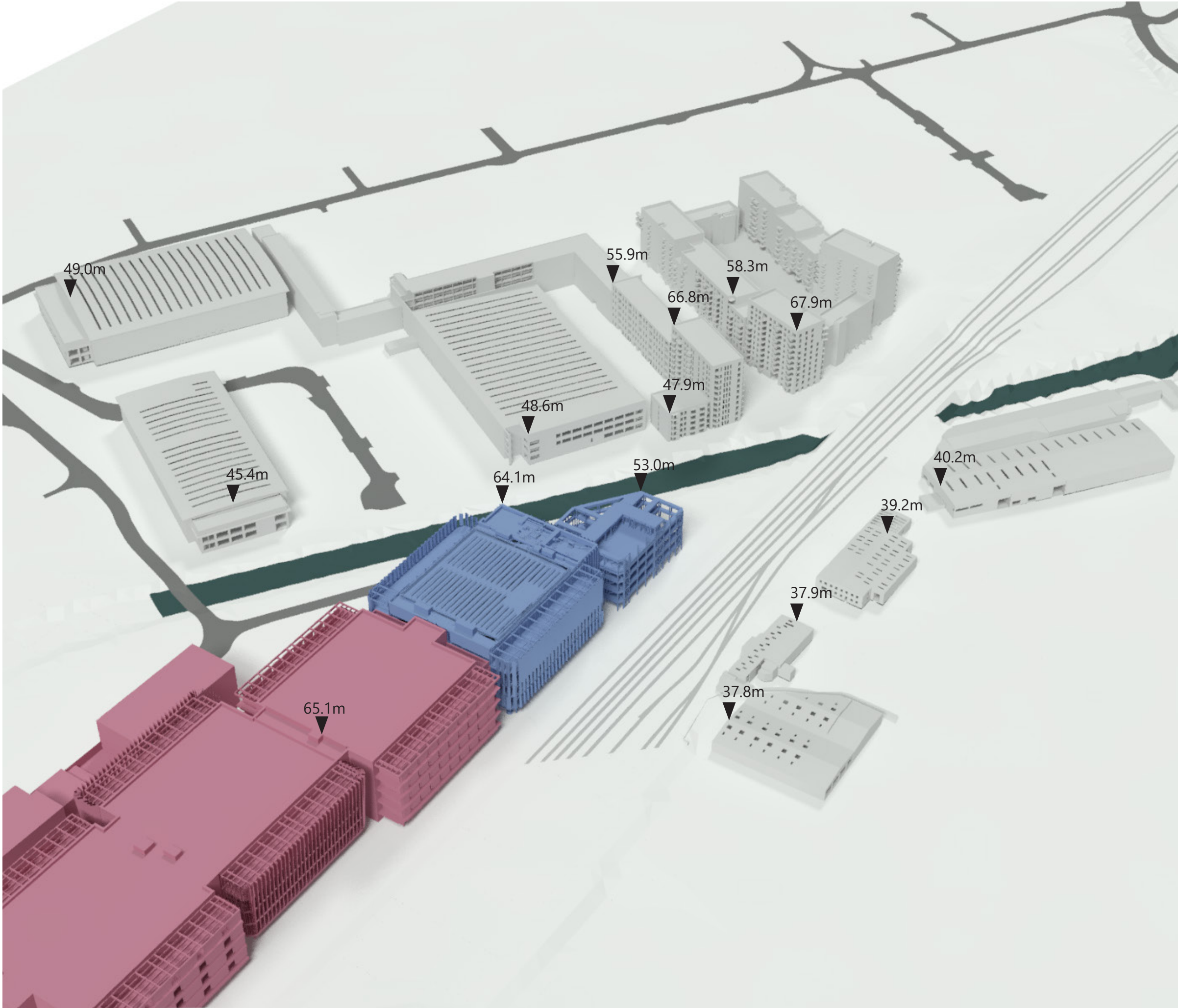
Project Union Park Hayes

Title Proposed Development
Plan View

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Sources of information

NWA
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Received 07/02/2025

EB7 Ltd
Site Photographs
Ordnance Survey

Key		Existing Building
		Surrounding Context
		Consented Development
		Proposed Development

Project Union Park Hayes

Title Proposed Development
3D View

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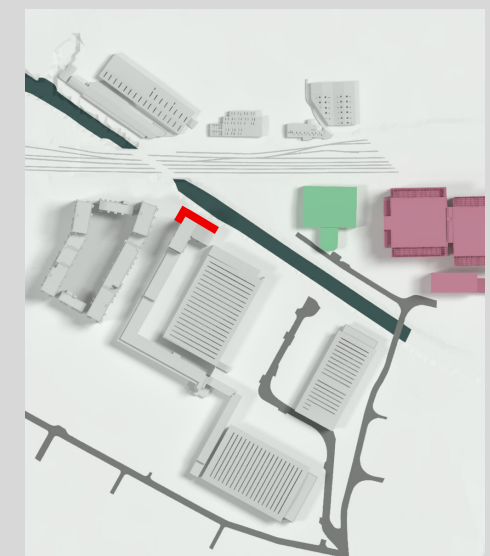
Sources of information

EB7 Ltd
Site Photographs
Ordnance Survey

F3



F2



Project Union Park Hayes

Title F2-F3 Hayes Village Apartment
Complex
Window Map

Drawn TR Checked --

Date 15/01/2025 Project 6803

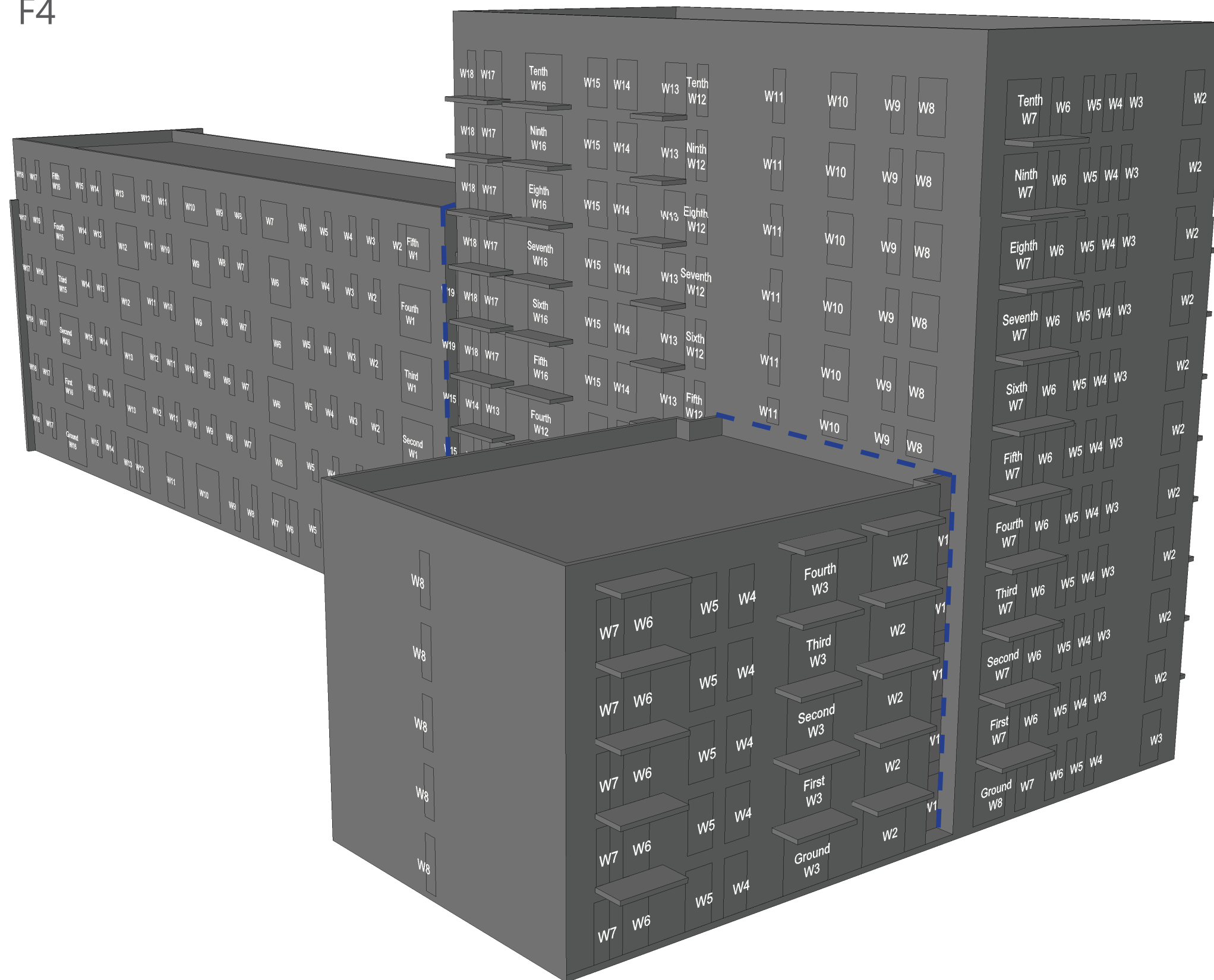
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Sources of information

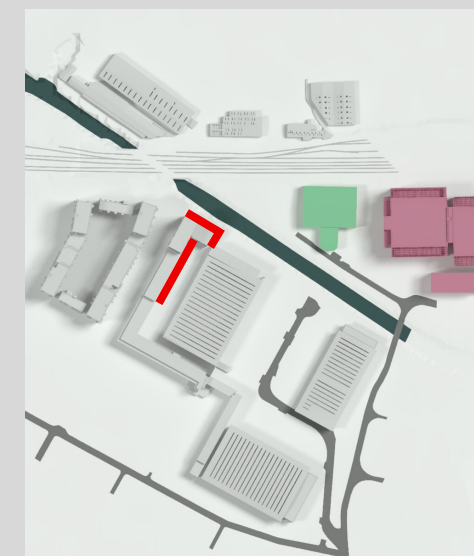
EB7 Ltd
Site Photographs
Ordnance Survey

F4

F3



F2



Project Union Park Hayes

Title F2-F3-F4 Hayes Village Apartment Complex Window Map

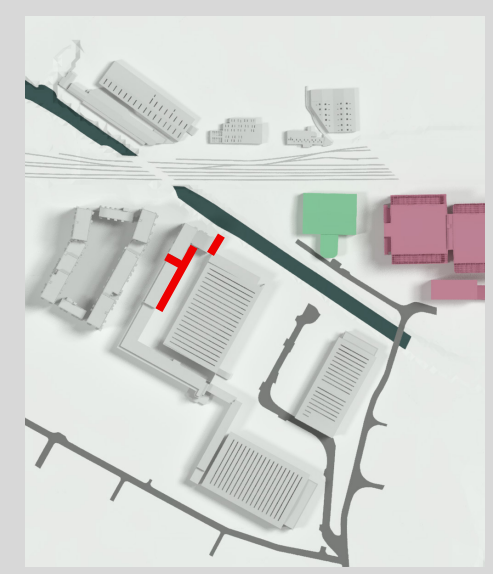
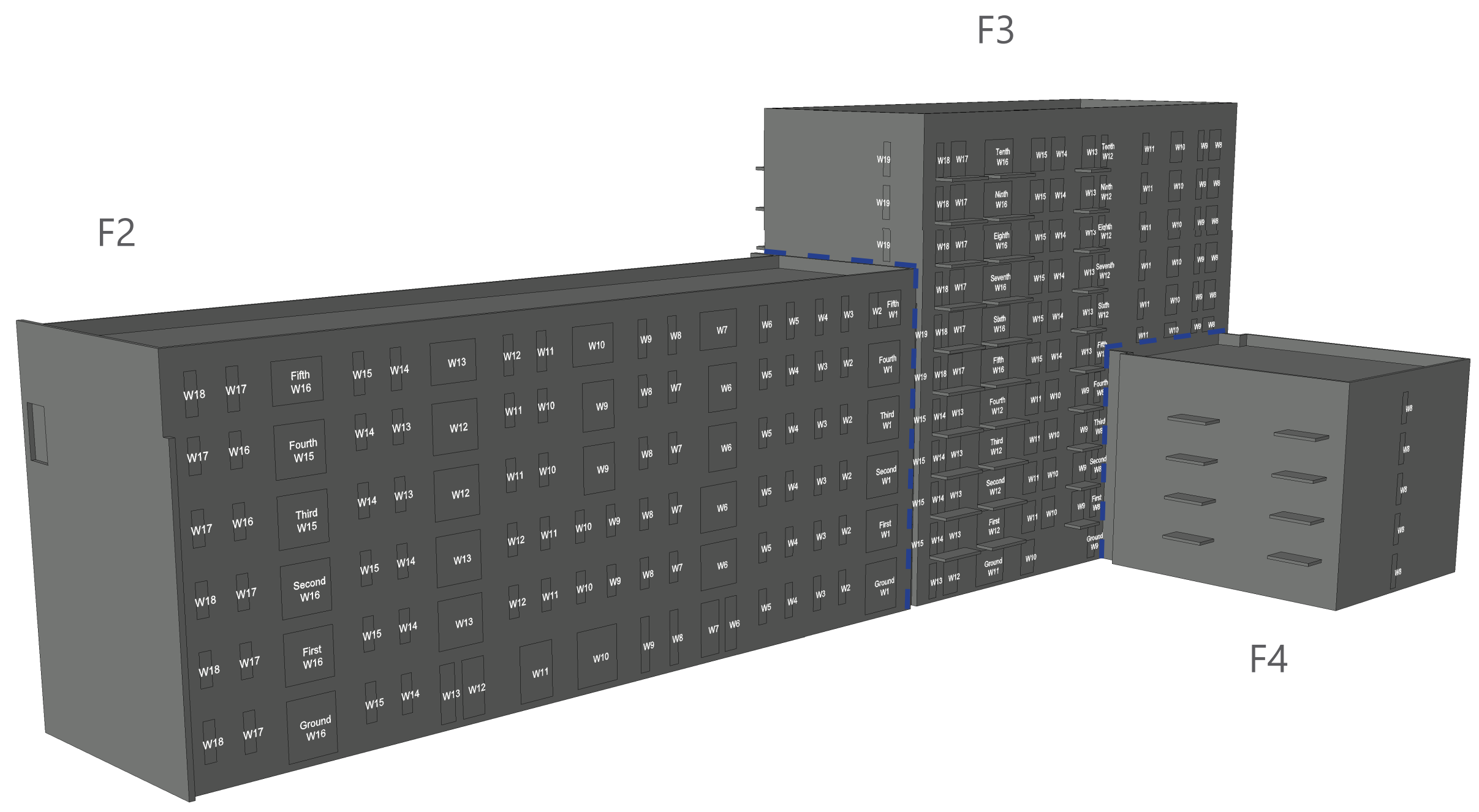
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Date 15/01/2025 Project 6803

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WM01 20

Sources of information

EB7 Ltd
Site Photographs
Ordnance Survey



Project Union Park Hayes

Title F2-F3-F4 Hayes Village Apart-
 ment Complex
 Window Map

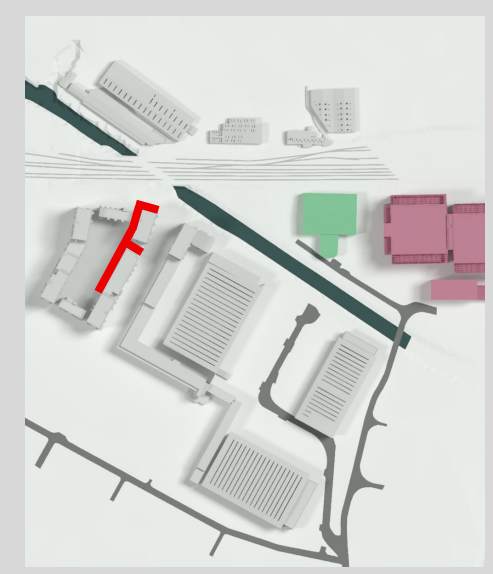
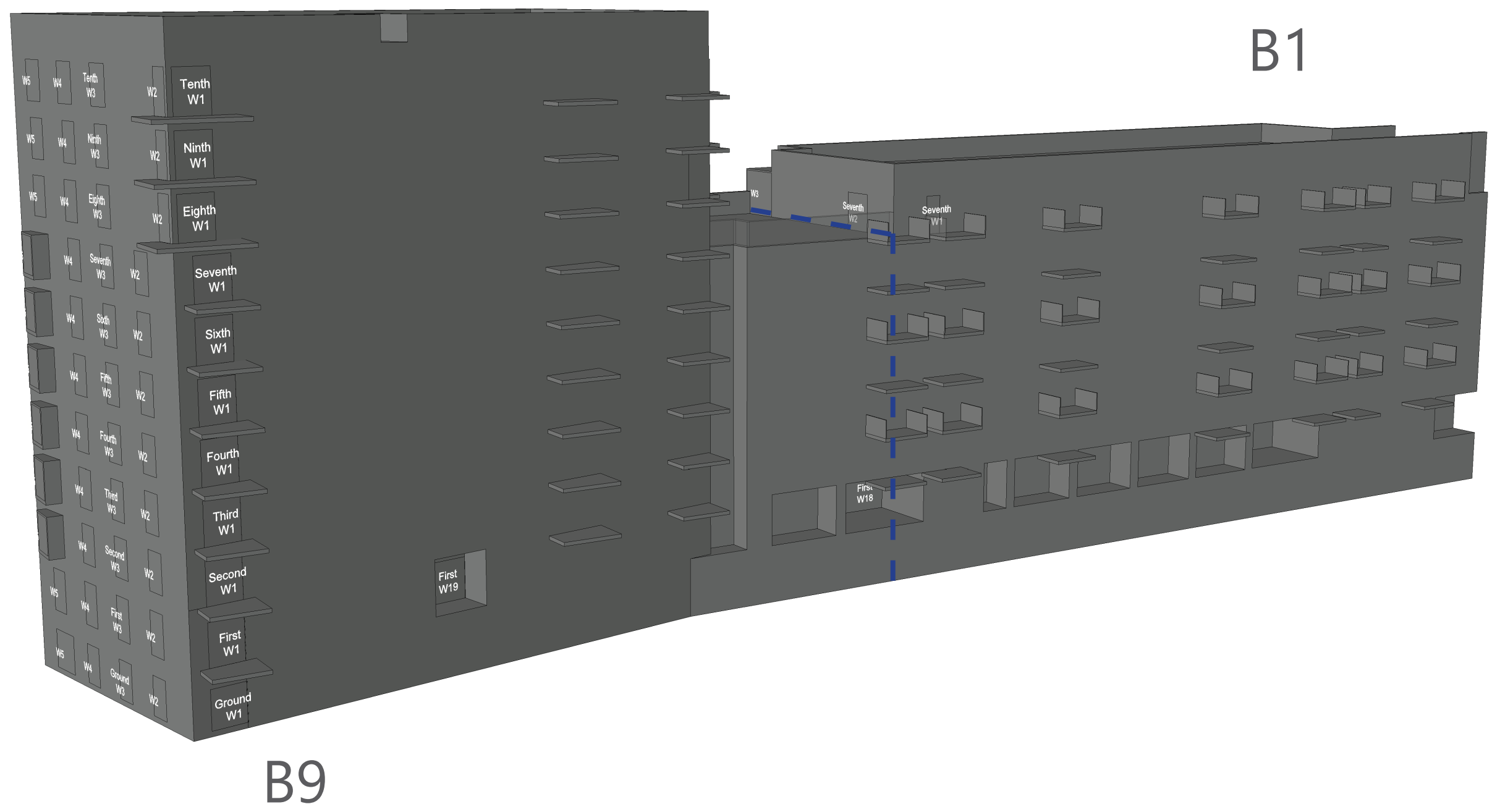
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Sources of information

EB7 Ltd
Site Photographs
Ordnance Survey



Project Union Park Hayes

Title B1-B9 Hayes Village Apartment
Complex
Window Map

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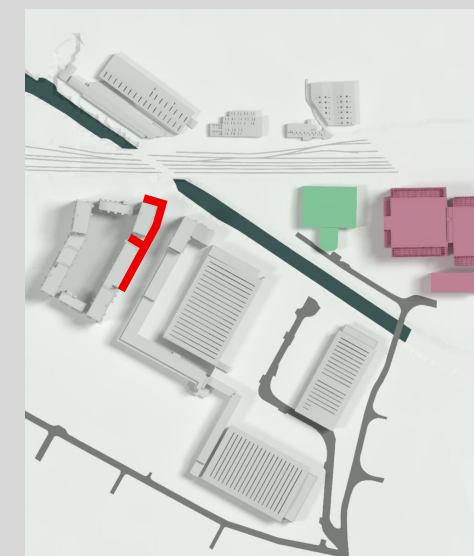
Sources of information

EB7 Ltd
Site Photographs
Ordnance Survey

B1



B9



Project Union Park Hayes

Title B1-B9 Hayes Village Apartment
Complex
Window Map

Drawn TR Checked --

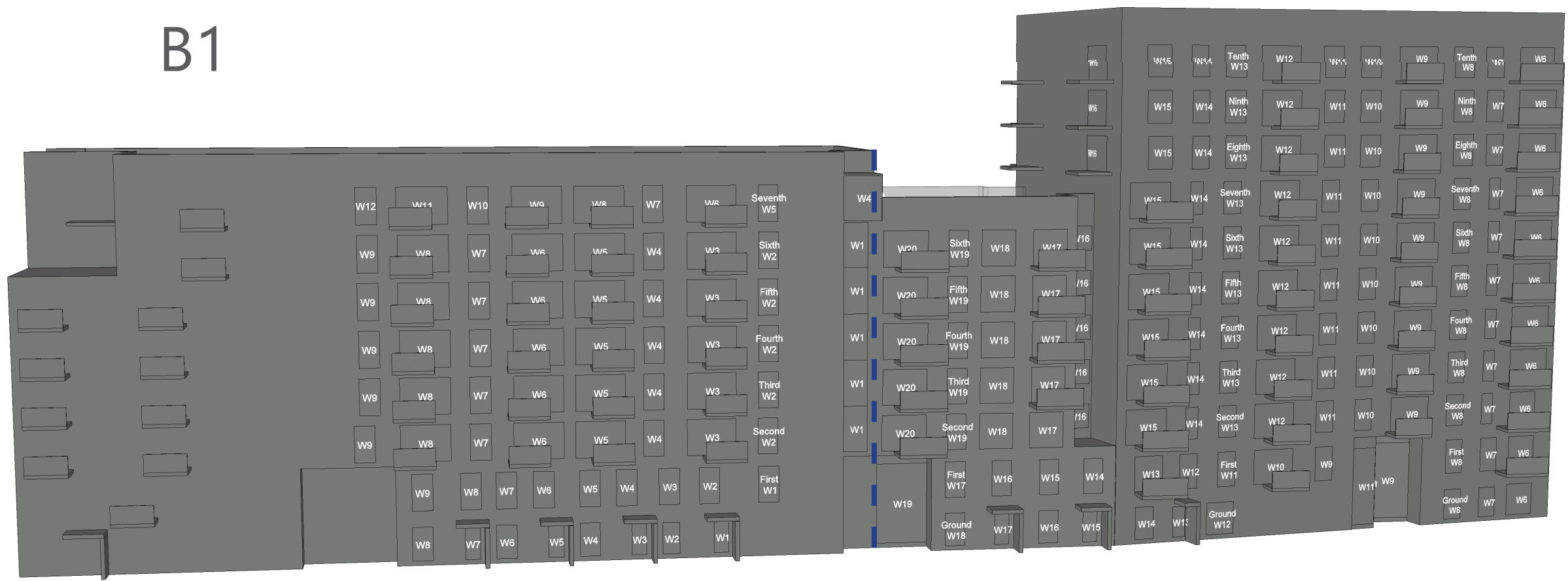
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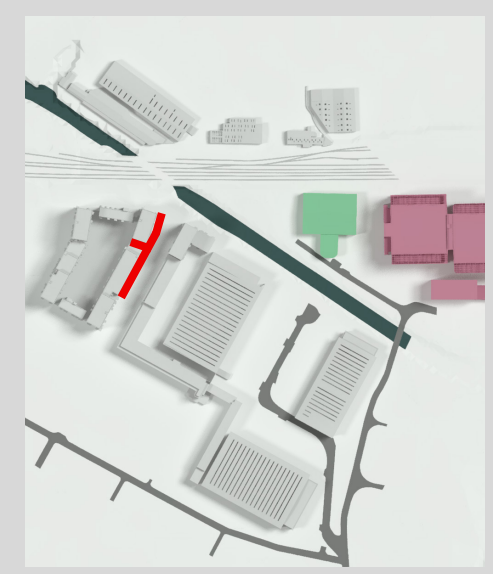
Sources of information

EB7 Ltd
Site Photographs
Ordnance Survey

B1



B9



Project Union Park Hayes

Title B1-B9 Hayes Village Apartment
Complex
Window Map

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Appendix 2

Results of the daylight and sunlight assessments
within neighbouring properties

				Vertical Sky Component (VSC)				No-Sky Line (NSL)						Annual Probable Sunlight Hours (APSH) by Room					
Address	Room	Window	Room use	Existing	Proposed	Loss	Proportion	Room	Existing NSL	Proposed NSL	Proportion	Existing APSH	Proposed APSH	Retained					
				VSC	VSC	VSC	Retained	Area	m ²	%	m ²	%	Retained	Total	Winter	Total	Winter	Total	Winter
F2 Hayes Village Apartment Complex																			
Ground	R1	W1	LKD	25.6	25.6	0.0	1.00	28.1	22.9	82%	22.9	82%	1.00	53	15	53	15	1.00	1.00
Ground	R2	W2	Bedroom	26.8	26.8	0.0	1.00	13.4	11.5	86%	11.5	86%	1.00	53	15	53	15	1.00	1.00
Ground	R3	W3	Bedroom	27.0	27.0	0.0	1.00	11.4	10.4	91%	10.4	91%	1.00	53	15	53	15	1.00	1.00
Ground	R4	W4	Stairwell	27.2	27.1	0.0	1.00	15.2	13.3	88%	13.3	88%	1.00	54	15	54	15	1.00	1.00
		W5		27.3	27.2	0.0	1.00												
Ground	R5	W6	Hallway	26.7	26.7	0.0	1.00	9.9	9.8	99%	9.8	99%	1.00	55	15	54	15	0.98	1.00
Ground	R6	W7	LKD	26.8	26.8	0.1	1.00	22.9	21.8	95%	21.8	95%	1.00	54	15	54	15	1.00	1.00
Ground	R7	W8	Bedroom	26.9	26.8	0.1	1.00	14.9	14.2	95%	14.2	95%	1.00	54	15	54	15	1.00	1.00
		W9		26.9	26.9	0.1	1.00												
Ground	R8	W10	Studio	26.9	26.9	0.1	1.00	30.6	26.6	87%	26.6	87%	1.00	54	15	54	15	1.00	1.00
Ground	R9	W11	LKD	26.9	26.9	0.0	1.00	22.9	22.3	97%	22.3	97%	1.00	53	14	53	14	1.00	1.00
Ground	R10	W12	Bedroom	26.9	26.9	0.0	1.00	14.9	14.2	95%	14.2	95%	1.00	53	14	53	14	1.00	1.00
Ground	R11	W13	Hallway	26.9	26.9	0.0	1.00	9.2	9.1	99%	9.1	99%	1.00	53	14	53	14	1.00	1.00
Ground	R12	W14	Stairwell	27.5	27.5	0.0	1.00	15.2	13.3	88%	13.3	88%	1.00	53	14	53	14	1.00	1.00
		W15		27.5	27.4	0.0	1.00												
Ground	R13	W16	LKD	26.7	26.7	0.0	1.00	23.6	23.5	100%	23.5	100%	1.00	51	12	51	12	1.00	1.00
Ground	R14	W17	Bedroom	27.1	27.1	0.0	1.00	8.8	8.1	92%	8.1	92%	1.00	46	10	46	10	1.00	1.00
Ground	R15	W18	Bedroom	26.1	26.1	0.0	1.00	10.6	9.7	92%	9.7	92%	1.00	38	7	38	7	1.00	1.00
First	R1	W1	LKD	30.3	30.3	0.0	1.00	28.1	26.8	95%	26.8	95%	1.00	61	20	61	20	1.00	1.00
First	R2	W2	Bedroom	31.4	31.3	0.0	1.00	13.4	11.6	86%	11.6	86%	1.00	63	20	63	20	1.00	1.00
First	R3	W3	Bedroom	31.5	31.4	0.0	1.00	11.4	10.5	92%	10.5	92%	1.00	63	20	63	20	1.00	1.00
First	R4	W4	Stairwell	31.6	31.6	0.0	1.00	15.2	13.4	88%	13.4	88%	1.00	64	20	64	20	1.00	1.00
		W5		31.7	31.7	0.0	1.00												
First	R5	W6	LKD	31.3	31.3	0.1	1.00	27.3	27.2	100%	27.2	100%	1.00	64	20	63	20	0.98	1.00
First	R6	W7	Bedroom	31.9	31.9	0.0	1.00	13.2	11.8	89%	11.8	89%	1.00	64	20	64	20	1.00	1.00
First	R7	W8	Bedroom	31.9	31.9	0.0	1.00	8.6	8.0	93%	8.0	93%	1.00	64	20	64	20	1.00	1.00

Address	Room	Window	Room use	Vertical Sky Component (VSC)				No-Sky Line (NSL)						Annual Probable Sunlight Hours (APSH) by Room					
				Existing	Proposed	Loss	Proportion	Room	Existing	NSL	Proposed	NSL	Proportion	Existing	Proposed	Retained			
				VSC	VSC	VSC	Retained	Area	m ²	%	m ²	%	Retained	Total	Winter	Total	Winter	Total	Winter
First	R8	W9	Bedroom	32.0	31.9	0.0	1.00	10.3	8.8	86%	8.8	86%	1.00	64	20	64	20	1.00	1.00
First	R9	W10	Bedroom	32.0	31.9	0.0	1.00	10.3	8.8	85%	8.8	85%	1.00	64	20	64	20	1.00	1.00
First	R10	W11	Bedroom	31.9	31.9	0.0	1.00	8.6	8.0	94%	8.0	94%	1.00	64	20	64	20	1.00	1.00
First	R11	W12	Bedroom	32.0	31.9	0.0	1.00	13.2	11.9	90%	11.9	90%	1.00	64	20	64	20	1.00	1.00
First	R12	W13	LKD	31.4	31.4	0.0	1.00	26.3	26.2	100%	26.2	100%	1.00	63	20	63	20	1.00	1.00
First	R13	W14	Stairwell	31.9	31.9	0.0	1.00	15.2	13.4	88%	13.4	88%	1.00	64	20	64	20	1.00	1.00
		W15		31.8	31.8	0.0	1.00												
First	R14	W16	LKD	31.2	31.2	0.0	1.00	23.5	23.5	100%	23.5	100%	1.00	62	19	62	19	1.00	1.00
First	R15	W17	Bedroom	31.5	31.5	0.0	1.00	8.8	8.2	93%	8.2	93%	1.00	57	16	57	16	1.00	1.00
First	R16	W18	Bedroom	30.4	30.4	0.0	1.00	10.6	9.8	92%	9.8	92%	1.00	48	12	48	12	1.00	1.00
Second	R1	W1	LKD	34.5	34.5	0.0	1.00	28.1	27.0	96%	27.0	96%	1.00	66	22	66	22	1.00	1.00
Second	R2	W2	Bedroom	35.4	35.4	0.0	1.00	13.4	11.6	86%	11.6	86%	1.00	66	22	66	22	1.00	1.00
Second	R3	W3	Bedroom	35.5	35.5	0.0	1.00	11.4	10.5	92%	10.5	92%	1.00	66	22	66	22	1.00	1.00
Second	R4	W4	Stairwell	35.6	35.6	0.0	1.00	15.2	13.4	88%	13.4	88%	1.00	66	22	66	22	1.00	1.00
		W5		35.7	35.7	0.0	1.00												
Second	R5	W6	LKD	35.3	35.3	0.1	1.00	27.3	27.2	100%	27.2	100%	1.00	67	22	66	22	0.99	1.00
Second	R6	W7	Bedroom	35.8	35.8	0.1	1.00	13.2	11.9	90%	11.9	90%	1.00	66	22	66	22	1.00	1.00
Second	R7	W8	Bedroom	35.9	35.8	0.1	1.00	8.6	8.0	93%	8.0	93%	1.00	66	22	66	22	1.00	1.00
Second	R8	W9	Bedroom	35.9	35.8	0.1	1.00	10.3	8.8	86%	8.8	86%	1.00	66	22	66	22	1.00	1.00
Second	R9	W10	Bedroom	35.9	35.8	0.1	1.00	10.3	8.8	85%	8.8	85%	1.00	66	22	66	22	1.00	1.00
Second	R10	W11	Bedroom	35.9	35.8	0.1	1.00	8.6	8.0	94%	8.0	94%	1.00	66	22	66	22	1.00	1.00
Second	R11	W12	Bedroom	35.9	35.8	0.1	1.00	13.2	11.9	90%	11.9	90%	1.00	66	22	66	22	1.00	1.00
Second	R12	W13	LKD	35.4	35.3	0.1	1.00	26.3	26.2	100%	26.2	100%	1.00	66	22	66	22	1.00	1.00
Second	R13	W14	Stairwell	35.8	35.7	0.1	1.00	15.2	13.4	88%	13.4	88%	1.00	67	22	67	22	1.00	1.00
		W15		35.8	35.7	0.1	1.00												
Second	R14	W16	LKD	35.2	35.1	0.1	1.00	23.5	23.5	100%	23.5	100%	1.00	67	22	66	22	0.99	1.00
Second	R15	W17	Bedroom	35.4	35.3	0.1	1.00	8.8	8.2	93%	8.2	93%	1.00	61	19	60	19	0.98	1.00

Address	Room	Window	Room use	Vertical Sky Component (VSC)				Room Area	No-Sky Line (NSL)					Annual Probable Sunlight Hours (APSH) by Room					
				Existing	Proposed	Loss	Proportion		Existing	NSL	Proposed	NSL	Proportion	Existing APSH		Proposed APSH		Retained	
				VSC	VSC	VSC	Retained		m ²	%	m ²	%	Retained	Total	Winter	Total	Winter	Total	Winter
Second	R16	W18	Bedroom	34.2	34.1	0.1	1.00	10.6	9.8	92%	9.8	92%	1.00	51	14	50	14	0.98	1.00
Third	R1	W1	LKD	37.8	37.6	0.2	1.00	28.1	27.0	96%	27.0	96%	1.00	68	23	67	23	0.99	1.00
Third	R2	W2	Bedroom	38.3	38.0	0.3	0.99	13.4	11.6	86%	11.6	86%	1.00	68	23	68	23	1.00	1.00
Third	R3	W3	Bedroom	38.3	38.1	0.3	0.99	11.4	10.5	92%	10.5	92%	1.00	68	23	68	23	1.00	1.00
Third	R4	W4	Stairwell	38.3	38.1	0.3	0.99	15.2	13.4	88%	13.4	88%	1.00	68	23	68	23	1.00	1.00
		W5		38.3	38.1	0.2	0.99												
Third	R5	W6	LKD	38.2	38.0	0.2	0.99	27.3	25.9	95%	25.9	95%	1.00	68	23	68	23	1.00	1.00
Third	R6	W7	Bedroom	38.4	38.2	0.2	0.99	12.9	12.1	94%	12.1	94%	1.00	68	23	68	23	1.00	1.00
		W8		38.4	38.2	0.2	0.99												
Third	R7	W9	LKD	38.2	38.0	0.2	1.00	21.9	21.5	98%	21.5	98%	1.00	68	23	68	23	1.00	1.00
Third	R8	W10	Bedroom	38.4	38.2	0.2	1.00	12.9	10.0	78%	10.0	78%	1.00	68	23	68	23	1.00	1.00
Third	R9	W11	Bedroom	38.4	38.2	0.2	1.00	12.9	10.8	84%	10.8	84%	1.00	68	23	68	23	1.00	1.00
Third	R10	W12	LKD	38.2	38.0	0.2	1.00	22.0	21.7	99%	21.7	99%	1.00	68	23	68	23	1.00	1.00
Third	R11	W13	Stairwell	38.3	38.1	0.2	1.00	15.2	13.5	89%	13.5	89%	1.00	68	23	68	23	1.00	1.00
		W14		38.3	38.1	0.2	1.00												
Third	R12	W15	LKD	38.0	37.8	0.2	1.00	25.6	25.5	100%	25.5	100%	1.00	68	23	68	23	1.00	1.00
Third	R13	W16	Bedroom	37.9	37.8	0.2	1.00	7.8	7.4	95%	7.4	95%	1.00	62	20	62	20	1.00	1.00
Third	R14	W17	Bedroom	36.6	36.4	0.2	1.00	12.5	11.7	94%	11.7	94%	1.00	52	15	52	15	1.00	1.00
Fourth	R1	W1	LKD	39.0	38.7	0.3	0.99	28.1	27.0	96%	27.0	96%	1.00	68	23	68	23	1.00	1.00
Fourth	R2	W2	Bedroom	39.2	38.9	0.3	0.99	13.4	11.6	86%	11.6	86%	1.00	68	23	68	23	1.00	1.00
Fourth	R3	W3	Bedroom	39.2	38.9	0.3	0.99	11.4	10.5	92%	10.5	92%	1.00	68	23	68	23	1.00	1.00
Fourth	R4	W4	Stairwell	39.2	39.0	0.3	0.99	15.2	13.4	88%	13.4	88%	1.00	68	23	68	23	1.00	1.00
		W5		39.3	39.0	0.3	0.99												
Fourth	R5	W6	LKD	39.2	39.0	0.3	0.99	27.3	25.9	95%	25.9	95%	1.00	68	23	68	23	1.00	1.00
Fourth	R6	W7	Bedroom	39.3	39.0	0.3	0.99	12.9	12.1	94%	12.1	94%	1.00	68	23	68	23	1.00	1.00
		W8		39.3	39.0	0.3	0.99												
Fourth	R7	W9	LKD	39.3	39.0	0.3	0.99	21.9	21.5	98%	21.5	98%	1.00	68	23	68	23	1.00	1.00

[illegible]

Address	Room	Window	Room use	Vertical Sky Component (VSC)				No-Sky Line (NSL)					Annual Probable Sunlight Hours (APSH) by Room						
				Existing	Proposed	Loss	Proportion	Room	Existing NSL	Proposed NSL	Proportion	Existing APSH	Proposed APSH	Retained					
				VSC	VSC	VSC	Retained	Area	m²	%	m²	%	Retained	Total	Winter	Total	Winter	Total	Winter
Ground	R2	W3	Bedroom	37.9	37.3	0.6	0.98	25.3	23.9	95%	23.9	95%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
		W4	Bedroom	37.5	36.8	0.7	0.98	11.7	11.4	97%	11.4	97%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
		W5	Bedroom	37.1	36.4	0.7	0.98												
Ground	R3	W6	Bedroom	35.9	35.1	0.8	0.98	11.8	11.5	97%	11.5	97%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
		W7	Bedroom	29.7	28.9	0.8	0.97												
Ground	R4	W8	LKD	27.4	26.5	0.9	0.97	24.3	23.9	98%	23.9	98%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R5	W9	Hallway	9.2	9.2	0.0	1.00	4.4	3.9	88%	3.9	88%	1.00	21	9	21	9	1.00	1.00
Ground	R6	W10	Bedroom	18.0	18.0	0.0	1.00	13.2	8.4	63%	8.4	63%	1.00	34	8	34	8	1.00	1.00
Ground	R7	W11	LKD	10.8	10.8	0.0	1.00	21.9	13.7	62%	13.7	62%	1.00	28	9	28	9	1.00	1.00
Ground	R8	W12	Bedroom	12.2	12.2	0.0	1.00	11.6	8.5	73%	8.5	73%	1.00	31	14	31	14	1.00	1.00
Ground	R9	W13	LKD	16.2	16.2	0.0	1.00	23.0	6.2	27%	6.2	27%	1.00	51	14	51	14	1.00	1.00
First	R1	W1	LKD	13.7	13.7	0.0	1.00	24.9	23.2	93%	23.2	93%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
		W2	LKD	38.5	37.9	0.6	0.99												
		W3	LKD	38.1	37.4	0.6	0.98												
First	R2	W4	Hallway	37.7	37.0	0.7	0.98	25.2	14.4	57%	14.4	57%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
First	R3	W5	Bedroom	36.4	35.7	0.7	0.98	11.8	11.5	97%	11.5	97%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
		W6	Bedroom	29.5	28.8	0.7	0.98												
First	R4	W7	LKD	26.9	26.1	0.8	0.97	24.3	23.9	98%	23.9	98%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
First	R5	W8	LKD	11.0	11.0	0.0	1.00	24.6	15.3	62%	15.3	62%	1.00	35	17	35	17	1.00	1.00
		W9	LKD	9.2	9.2	0.0	1.00												
First	R6	W10	Bedroom	20.5	20.5	0.0	1.00	13.3	12.4	93%	12.4	93%	1.00	46	17	46	17	1.00	1.00
First	R7	W11	Bedroom	21.4	21.4	0.0	1.00	13.2	10.0	76%	10.0	76%	1.00	41	13	41	13	1.00	1.00
First	R8	W12	LKD	13.0	13.0	0.0	1.00	21.9	15.9	72%	15.9	72%	1.00	34	15	34	15	1.00	1.00
First	R9	W13	Bedroom	14.4	14.4	0.0	1.00	11.6	11.4	98%	11.4	98%	1.00	35	17	35	17	1.00	1.00
First	R10	W14	LKD	18.7	18.7	0.0	1.00	23.0	15.2	66%	15.2	66%	1.00	58	19	58	19	1.00	1.00
		W15	LKD	16.5	16.5	0.0	1.00												
Second	R1	W1	LKD	14.0	14.0	0.0	1.00	24.9	23.2	93%	23.2	93%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
		W2	LKD	38.9	38.4	0.5	0.99												
		W3	LKD	38.5	37.9	0.6	0.99												
Second	R2	W4	Hallway	38.1	37.5	0.6	0.98	25.2	14.4	57%	14.4	57%	1.00	N/F	N/F	N/F	N/F	N/F	N/F

Address	Room	Window	Room use	Vertical Sky Component (VSC)				No-Sky Line (NSL)					Annual Probable Sunlight Hours (APSH) by Room						
				Existing	Proposed	Loss	Proportion	Room	Existing NSL	Proposed NSL	Proportion	Existing APSH	Proposed APSH	Retained					
				VSC	VSC	VSC	Retained	Area	m²	%	m²	%	Retained	Total	Winter	Total	Winter	Total	Winter
Second	R3	W5 W6	Bedroom	36.8 30.0	36.2 29.3	0.6 0.6	0.98 0.98	11.8	11.5	97%	11.5	97%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Second	R4	W7	LKD	27.3	26.6	0.7	0.97	24.3	23.9	98%	23.9	98%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Second	R5	W8 W9	LKD	13.2 11.5	13.2 11.5	0.0 0.0	1.00 1.00	24.6	21.4	87%	21.4	87%	1.00	39	18	39	18	1.00	1.00
Second	R6	W10	Bedroom	24.0	24.0	0.0	1.00	13.3	12.9	98%	12.9	98%	1.00	48	18	48	18	1.00	1.00
Second	R7	W11	Bedroom	25.2	25.2	0.0	1.00	13.2	12.3	93%	12.3	93%	1.00	45	14	45	14	1.00	1.00
Second	R8	W12	LKD	16.3	16.3	0.0	1.00	21.9	20.7	95%	20.7	95%	1.00	37	17	37	17	1.00	1.00
Second	R9	W13	Bedroom	17.8	17.8	0.0	1.00	11.6	11.4	98%	11.4	98%	1.00	41	19	41	19	1.00	1.00
Second	R10	W14 W15	LKD	22.0 18.7	22.0 18.7	0.0 0.0	1.00 1.00	23.0	21.0	91%	21.0	91%	1.00	63	21	63	21	1.00	1.00
Third	R1	W1 W2 W3	LKD	14.2 39.2 38.8	14.2 38.7 38.3	0.0 0.5 0.5	1.00 0.99 0.99	24.9	23.2	93%	23.2	93%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Third	R2	W4	Hallway	38.4	37.8	0.5	0.99	25.2	14.4	57%	14.4	57%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Third	R3	W5 W6	Bedroom	37.1 30.2	36.5 29.6	0.6 0.6	0.99 0.98	11.8	11.5	97%	11.5	97%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Third	R4	W7	LKD	27.6	27.0	0.6	0.98	24.3	23.9	98%	23.9	98%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Third	R5	W8 W9	LKD	15.9 14.3	15.9 14.3	0.0 0.0	1.00 1.00	24.6	23.2	94%	23.2	94%	1.00	40	19	40	19	1.00	1.00
Third	R6	W10	Bedroom	28.4	28.4	0.0	1.00	13.3	12.9	98%	12.9	98%	1.00	54	19	54	19	1.00	1.00
Third	R7	W11	Bedroom	29.5	29.5	0.0	1.00	13.2	12.9	97%	12.9	97%	1.00	47	15	47	15	1.00	1.00
Third	R8	W12	LKD	20.1	20.1	0.0	1.00	21.9	21.6	98%	21.6	98%	1.00	41	18	41	18	1.00	1.00
Third	R9	W13	Bedroom	21.2	21.2	0.0	1.00	11.6	11.4	98%	11.4	98%	1.00	44	20	44	20	1.00	1.00
Third	R10	W14 W15	LKD	25.4 20.9	25.4 20.9	0.0 0.0	1.00 1.00	23.0	22.7	99%	22.7	99%	1.00	66	22	66	22	1.00	1.00
Fourth	R1	W1 W2 W3	LKD	14.9 39.3 38.9	14.9 38.9 38.5	0.0 0.4 0.4	1.00 0.99 0.99	24.9	23.2	93%	23.2	93%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Fourth	R2	W4	Hallway	38.5	38.0	0.5	0.99	25.2	14.4	57%	14.4	57%	1.00	N/F	N/F	N/F	N/F	N/F	N/F

Address	Room	Window	Room use	Vertical Sky Component (VSC)				No-Sky Line (NSL)					Annual Probable Sunlight Hours (APSH) by Room						
				Existing	Proposed	Loss	Proportion	Room	Existing NSL	Proposed NSL	Proportion	Existing APSH	Proposed APSH	Retained					
				VSC	VSC	VSC	Retained	Area	m²	%	m²	%	Retained	Total	Winter	Total	Winter	Total	Winter
Fourth	R3	W5 W6	Bedroom	37.2	36.7	0.5	0.99	11.8	11.5	97%	11.5	97%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
				30.4	29.8	0.5	0.98												
Fourth	R4	W7	LKD	27.9	27.3	0.6	0.98	24.3	23.9	98%	23.9	98%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Fourth	R5	W8 W9	LKD	19.6	19.6	0.0	1.00	24.6	23.8	97%	23.8	97%	1.00	47	20	47	20	1.00	1.00
				20.0	20.0	0.0	1.00												
Fourth	R6	W10	Bedroom	32.9	32.9	0.0	1.00	13.3	12.9	98%	12.9	98%	1.00	58	21	58	21	1.00	1.00
Fourth	R7	W11	Bedroom	33.9	33.9	0.0	1.00	13.2	12.9	98%	12.9	98%	1.00	53	17	53	17	1.00	1.00
Fourth	R8	W12	LKD	23.6	23.6	0.0	1.00	21.9	21.6	99%	21.6	99%	1.00	44	19	44	19	1.00	1.00
Fourth	R9	W13	Bedroom	24.1	24.1	0.0	1.00	11.6	11.4	98%	11.4	98%	1.00	45	21	45	21	1.00	1.00
Fourth	R10	W14 W15	LKD	28.2	28.1	0.1	1.00	23.0	22.7	99%	22.7	99%	1.00	67	23	67	23	1.00	1.00
				22.5	22.5	0.0	1.00												
Fifth	R1	W1 W2 W3	LKD	16.0	16.0	0.0	1.00	24.9	23.2	93%	23.2	93%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
				39.4	39.0	0.3	0.99												
				39.0	38.6	0.3	0.99												
Fifth	R2	W4	Hallway	38.6	38.2	0.4	0.99	14.3	14.2	99%	14.2	99%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Fifth	R3	W5 W6 W7 W8	LKD	37.3	37.0	0.4	0.99	24.7	24.6	100%	24.6	100%	1.00	66	22	66	22	1.00	1.00
				30.5	30.1	0.4	0.99												
				28.1	27.7	0.4	0.99												
				39.1	38.5	0.5	0.99												
Fifth	R4	W9	Bedroom	39.0	38.5	0.5	0.99	8.2	7.2	88%	7.2	88%	1.00	66	22	66	22	1.00	1.00
Fifth	R5	W10	Bedroom	39.0	38.5	0.5	0.99	13.1	12.5	96%	12.5	96%	1.00	63	21	63	21	1.00	1.00
Fifth	R6	W11	Stairwell	38.8	38.3	0.5	0.99	13.0	9.3	72%	9.3	72%	1.00	61	21	61	21	1.00	1.00
Fifth	R7	W12 W13	LKD	35.7	35.3	0.5	0.99	24.6	23.9	97%	23.9	97%	1.00	54	21	54	21	1.00	1.00
				28.9	28.4	0.5	0.98												
Fifth	R8	W14	Bedroom	36.9	36.4	0.4	0.99	13.3	12.9	98%	12.9	98%	1.00	61	21	61	21	1.00	1.00
Fifth	R9	W15	Bedroom	36.8	36.4	0.4	0.99	13.3	12.9	98%	12.9	98%	1.00	54	17	54	17	1.00	1.00
Fifth	R10	W16	LKD	25.6	25.2	0.4	0.98	22.0	22.0	100%	22.0	100%	1.00	45	19	45	19	1.00	1.00
Fifth	R11	W17	Bedroom	25.7	25.3	0.4	0.99	11.6	11.4	98%	11.4	98%	1.00	46	21	46	21	1.00	1.00
Fifth	R12	W18 W19	LKD	29.6	29.3	0.4	0.99	23.0	22.7	99%	22.7	99%	1.00	68	23	68	23	1.00	1.00
				23.1	23.1	0.1	1.00												

Address	Room	Window	Room use	Vertical Sky Component (VSC)				No-Sky Line (NSL)					Annual Probable Sunlight Hours (APSH) by Room						
				Existing	Proposed	Loss	Proportion	Room	Existing	NSL	Proposed	NSL	Proportion	Existing APSH		Proposed APSH		Retained	
				VSC	VSC	VSC	Retained	Area	m²	%	m²	%	Retained	Total	Winter	Total	Winter	Total	Winter
Sixth	R1	W1	LKD	17.2	17.2	0.0	1.00												
		W2		39.4	39.2	0.2	0.99												
		W3		39.1	38.8	0.3	0.99	24.9	23.2	93%	23.2	93%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Sixth	R2	W4	Hallway	38.6	38.4	0.3	0.99	14.3	14.2	99%	14.2	99%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Sixth	R3	W5	LKD	37.4	37.1	0.3	0.99												
		W6		30.5	30.3	0.3	0.99												
		W7		28.2	27.9	0.3	0.99												
		W8		39.2	38.8	0.4	0.99	24.7	24.6	100%	24.6	100%	1.00	67	22	67	22	1.00	1.00
Sixth	R4	W9	Bedroom	39.2	38.8	0.4	0.99	8.2	7.4	90%	7.4	90%	1.00	65	21	65	21	1.00	1.00
Sixth	R5	W10	Bedroom	39.2	38.8	0.4	0.99	13.1	12.9	98%	12.9	98%	1.00	66	22	66	22	1.00	1.00
Sixth	R6	W11	Stairwell	39.0	38.6	0.4	0.99	13.0	9.5	73%	9.5	73%	1.00	63	22	63	22	1.00	1.00
Sixth	R7	W12	LKD	36.1	35.7	0.4	0.99												
		W13		29.2	28.8	0.4	0.99	24.6	23.9	97%	23.9	97%	1.00	54	21	54	21	1.00	1.00
Sixth	R8	W14	Bedroom	37.2	36.9	0.4	0.99	13.3	12.9	98%	12.9	98%	1.00	61	21	61	21	1.00	1.00
Sixth	R9	W15	Bedroom	37.2	36.8	0.4	0.99	13.3	12.9	98%	12.9	98%	1.00	54	17	54	17	1.00	1.00
Sixth	R10	W16	LKD	25.9	25.6	0.3	0.99	22.0	22.0	100%	22.0	100%	1.00	45	19	45	19	1.00	1.00
Sixth	R11	W17	Bedroom	26.0	25.6	0.3	0.99	11.6	11.4	98%	11.4	98%	1.00	46	21	46	21	1.00	1.00
Sixth	R12	W18	LKD	29.9	29.6	0.3	0.99												
		W19		23.4	23.3	0.1	1.00	23.0	22.7	99%	22.7	99%	1.00	68	23	68	23	1.00	1.00
Seventh	R1	W1	LKD	18.4	18.4	0.0	1.00												
		W2		39.5	39.3	0.2	1.00												
		W3		39.1	38.9	0.2	1.00	24.9	23.2	93%	23.2	93%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Seventh	R2	W4	Hallway	38.7	38.5	0.2	1.00	14.3	14.2	99%	14.2	99%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Seventh	R3	W5	LKD	37.4	37.2	0.2	1.00												
		W6		30.6	30.4	0.2	0.99												
		W7		28.2	28.0	0.2	0.99												
		W8		39.4	39.0	0.3	0.99	24.7	24.6	100%	24.6	100%	1.00	68	23	68	23	1.00	1.00
Seventh	R4	W9	Bedroom	39.4	39.0	0.3	0.99	8.2	7.4	90%	7.4	90%	1.00	66	21	66	21	1.00	1.00
Seventh	R5	W10	Bedroom	39.3	39.0	0.3	0.99	13.1	12.9	98%	12.9	98%	1.00	67	22	67	22	1.00	1.00
Seventh	R6	W11	Stairwell	39.1	38.8	0.3	0.99	13.0	9.5	73%	9.5	73%	1.00	65	22	65	22	1.00	1.00
Seventh	R7	W12	LKD	36.2	35.9	0.3	0.99												

				Vertical Sky Component (VSC)				No-Sky Line (NSL)						Annual Probable Sunlight Hours (APSH) by Room					
Address	Room	Window	Room use	Existing	Proposed	Loss	Proportion	Room	Existing NSL		Proposed NSL		Proportion	Existing APSH		Proposed APSH		Retained	
				VSC	VSC	VSC	Retained	Area	m ²	%	m ²	%	Retained	Total	Winter	Total	Winter	Total	Winter
		W13		29.3	29.0	0.3	0.99	24.6	23.9	97%	23.9	97%	1.00	55	22	55	22	1.00	1.00
Seventh	R8	W14	Bedroom	37.4	37.1	0.2	0.99	13.3	12.9	98%	12.9	98%	1.00	61	21	61	21	1.00	1.00
Seventh	R9	W15	Bedroom	37.3	37.1	0.2	0.99	13.3	12.9	98%	12.9	98%	1.00	54	17	54	17	1.00	1.00
Seventh	R10	W16	LKD	26.0	25.8	0.2	0.99	21.8	21.5	99%	21.5	99%	1.00	45	19	45	19	1.00	1.00
Seventh	R11	W17	Studio	26.1	25.9	0.2	0.99												
		W18			30.1	29.9	0.2	0.99											
		W19			7.2	7.2	0.0	1.00	31.1	21.8	70%	21.8	70%	1.00	68	23	68	23	1.00
Eighth	R1	W1	LKD	19.7	19.7	0.0	1.00												
		W2			39.5	39.4	0.1	1.00											
		W3			39.2	39.1	0.1	1.00	24.9	23.6	95%	23.6	95%	1.00	N/F	N/F	N/F	N/F	N/F
Eighth	R2	W4	Hallway	38.8	38.7	0.1	1.00	14.3	14.2	99%	14.2	99%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Eighth	R3	W5	LKD	37.5	37.4	0.1	1.00												
		W6			30.6	30.5	0.1	1.00											
		W7			28.2	28.1	0.1	1.00											
		W8			39.4	39.3	0.2	1.00	24.7	24.6	100%	24.6	100%	1.00	68	23	68	23	1.00
Eighth	R4	W9	Bedroom	39.4	39.3	0.2	1.00	8.2	7.4	90%	7.4	90%	1.00	67	22	67	22	1.00	1.00
Eighth	R5	W10	Bedroom	39.4	39.3	0.2	1.00	13.1	12.9	98%	12.9	98%	1.00	68	23	68	23	1.00	1.00
Eighth	R6	W11	Stairwell	39.3	39.1	0.2	1.00	13.0	9.5	73%	9.5	73%	1.00	67	22	67	22	1.00	1.00
Eighth	R7	W12	LKD	36.3	36.2	0.1	1.00												
		W13			29.4	29.3	0.1	1.00	24.6	23.9	97%	23.9	97%	1.00	57	22	57	22	1.00
Eighth	R8	W14	Bedroom	37.7	37.5	0.1	1.00	13.3	12.9	98%	12.9	98%	1.00	63	21	63	21	1.00	1.00
Eighth	R9	W15	Bedroom	37.6	37.4	0.1	1.00	13.3	12.9	98%	12.9	98%	1.00	54	17	54	17	1.00	1.00
Eighth	R10	W16	LKD	26.1	25.9	0.1	1.00	21.8	21.5	99%	21.5	99%	1.00	45	19	45	19	1.00	1.00
Eighth	R11	W17	Studio	26.2	26.0	0.1	1.00												
		W18			30.2	30.1	0.1	1.00											
		W19			39.1	39.1	0.0	1.00	31.1	22.0	71%	22.0	71%	1.00	99	30	99	30	1.00
Ninth	R1	W1	LKD	20.9	20.9	0.0	1.00												
		W2			39.6	39.5	0.0	1.00											
		W3			39.5	39.4	0.0	1.00	24.9	24.8	100%	24.8	100%	1.00	N/F	N/F	N/F	N/F	N/F
Ninth	R2	W4	Hallway	39.2	39.2	0.1	1.00	14.3	14.2	99%	14.2	99%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Ninth	R3	W5	LKD	38.1	38.1	0.0	1.00												
		W6			30.6	30.6	0.1	1.00											

				Vertical Sky Component (VSC)				No-Sky Line (NSL)					Annual Probable Sunlight Hours (APSH) by Room						
Address	Room	Window	Room use	Existing	Proposed	Loss	Proportion	Room Area	Existing NSL		Proposed NSL		Proportion	Existing APSH		Proposed APSH		Retained	
				VSC	VSC	VSC	Retained		m²	%	m²	%		Total	Winter	Total	Winter	Total	Winter
		W7		28.3	28.2	0.0	1.00												
		W8		39.5	39.5	0.1	1.00	24.7	24.6	100%	24.6	100%	1.00	68	23	68	23	1.00	1.00
Ninth	R4	W9	Bedroom	39.5	39.5	0.1	1.00	8.2	7.4	90%	7.4	90%	1.00	68	23	68	23	1.00	1.00
Ninth	R5	W10	Bedroom	39.5	39.5	0.1	1.00	13.1	12.9	98%	12.9	98%	1.00	68	23	68	23	1.00	1.00
Ninth	R6	W11	Stairwell	39.5	39.4	0.1	1.00	13.0	9.5	73%	9.5	73%	1.00	68	23	68	23	1.00	1.00
Ninth	R7	W12	LKD	36.9	36.9	0.1	1.00												
		W13		29.6	29.5	0.1	1.00	24.6	23.9	97%	23.9	97%	1.00	60	23	60	23	1.00	1.00
Ninth	R8	W14	Bedroom	38.4	38.4	0.1	1.00	13.3	12.9	98%	12.9	98%	1.00	67	22	67	22	1.00	1.00
Ninth	R9	W15	Bedroom	38.3	38.3	0.1	1.00	13.3	12.9	98%	12.9	98%	1.00	61	17	61	17	1.00	1.00
Ninth	R10	W16	LKD	26.3	26.2	0.1	1.00	21.8	21.5	99%	21.5	99%	1.00	47	19	47	19	1.00	1.00
Ninth	R11	W17	Studio	26.3	26.3	0.1	1.00												
		W18		30.3	30.2	0.1	1.00												
		W19		39.4	39.4	0.0	1.00	31.1	22.0	71%	22.0	71%	1.00	100	30	100	30	1.00	1.00
Tenth	R1	W1	LKD	38.2	38.2	0.0	1.00												
		W2		39.6	39.6	0.0	1.00												
		W3		39.6	39.6	0.0	1.00	24.9	24.8	100%	24.8	100%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Tenth	R2	W4	Hallway	39.6	39.6	0.0	1.00	14.3	14.2	99%	14.2	99%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Tenth	R3	W5	LKD	39.6	39.6	0.0	1.00												
		W6		39.6	39.6	0.0	1.00												
		W7		39.6	39.6	0.0	1.00												
		W8		39.6	39.6	0.0	1.00	24.7	24.6	100%	24.6	100%	1.00	68	23	68	23	1.00	1.00
Tenth	R4	W9	Bedroom	39.6	39.6	0.0	1.00	8.2	7.4	90%	7.4	90%	1.00	68	23	68	23	1.00	1.00
Tenth	R5	W10	Bedroom	39.6	39.6	0.0	1.00	13.1	12.9	98%	12.9	98%	1.00	68	23	68	23	1.00	1.00
Tenth	R6	W11	Stairwell	39.6	39.6	0.0	1.00	13.0	9.5	73%	9.5	73%	1.00	68	23	68	23	1.00	1.00
Tenth	R7	W12	LKD	39.6	39.6	0.0	1.00												
		W13		39.6	39.6	0.0	1.00	24.6	23.9	97%	23.9	97%	1.00	68	23	68	23	1.00	1.00
Tenth	R8	W14	Bedroom	39.6	39.6	0.0	1.00	13.3	12.9	98%	12.9	98%	1.00	68	23	68	23	1.00	1.00
Tenth	R9	W15	Bedroom	39.6	39.6	0.0	1.00	13.3	12.9	98%	12.9	98%	1.00	68	23	68	23	1.00	1.00
Tenth	R10	W16	LKD	39.6	39.6	0.0	1.00	21.8	21.5	99%	21.5	99%	1.00	68	23	68	23	1.00	1.00
Tenth	R11	W17	Studio	39.6	39.6	0.0	1.00												
		W18		39.6	39.6	0.0	1.00												

Address	Room	Window	Room use	Vertical Sky Component (VSC)				Room Area	No-Sky Line (NSL)					Annual Probable Sunlight Hours (APSH) by Room					
				Existing	Proposed	Loss	Proportion		Existing	NSL	Proposed	NSL	Proportion	Existing	Proposed	Retained			
				VSC	VSC	VSC	Retained		m ²	%	m ²	%	Retained	Total	Winter	Total	Winter	Total	Winter
		W19		39.5	39.5	0.0	1.00	31.1	22.0	71%	22.0	71%	1.00	100	30	100	30	1.00	1.00
F4 Hayes Village Apartment Complex																			
Ground	R1	W1	Bedroom	25.9	25.5	0.4	0.99	12.7	11.3	89%	11.3	89%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R2	W2	LKD	26.6	25.6	1.1	0.96	25.7	25.6	99%	25.6	99%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R3	W3	LKD	26.4	25.1	1.3	0.95	26.4	26.0	99%	26.0	99%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R4	W4	Bedroom	35.7	34.2	1.5	0.96	11.7	11.5	98%	11.5	98%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R5	W5	Bedroom	35.6	34.1	1.5	0.96	11.4	11.2	97%	11.2	97%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R6	W6	LKD	27.1	25.4	1.7	0.94	27.8	27.0	97%	27.0	97%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
		W7		30.0	28.3	1.7	0.94												
Ground	R7	W8	Hallway	23.4	22.0	1.4	0.94	31.6	20.6	65%	20.6	65%	1.00	34	5	32	5	0.94	1.00
First	R1	W1	Bedroom	26.2	25.9	0.3	0.99	12.7	11.3	89%	11.3	89%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
First	R2	W2	LKD	26.1	25.1	1.0	0.96	25.7	25.6	99%	25.6	99%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
First	R3	W3	LKD	25.8	24.7	1.1	0.96	26.4	26.0	99%	26.0	99%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
First	R4	W4	Bedroom	36.1	34.8	1.3	0.96	11.7	11.5	98%	11.5	98%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
First	R5	W5	Bedroom	36.0	34.7	1.4	0.96	11.4	11.1	97%	11.1	97%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
First	R6	W6	LKD	26.5	25.0	1.5	0.94	27.8	26.9	97%	26.9	97%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
		W7		29.5	27.9	1.6	0.95												
First	R7	W8	Hallway	24.7	23.4	1.3	0.95	31.5	19.7	63%	19.7	63%	1.00	37	5	35	5	0.95	1.00
Second	R1	W1	Bedroom	26.5	26.3	0.3	0.99	12.7	11.3	89%	11.3	89%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Second	R2	W2	LKD	26.6	25.7	0.9	0.97	25.7	25.6	99%	25.6	99%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Second	R3	W3	LKD	26.3	25.3	1.0	0.96	26.4	26.0	99%	26.0	99%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Second	R4	W4	Bedroom	36.6	35.4	1.2	0.97	11.7	11.5	98%	11.5	98%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Second	R5	W5	Bedroom	36.6	35.3	1.2	0.97	11.4	11.1	97%	11.1	97%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Second	R6	W6	LKD	27.0	25.6	1.4	0.95	27.8	26.9	97%	26.9	97%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
		W7		30.0	28.5	1.4	0.95												
Second	R7	W8	Hallway	26.6	25.4	1.2	0.96	31.5	19.9	63%	19.9	63%	1.00	43	6	42	6	0.98	1.00
Third	R1	W1	Bedroom	26.6	26.4	0.2	0.99	12.7	11.3	89%	11.3	89%	1.00	N/F	N/F	N/F	N/F	N/F	N/F

				Vertical Sky Component (VSC)				No-Sky Line (NSL)						Annual Probable Sunlight Hours (APSH) by Room					
Address	Room	Window	Room use	Existing	Proposed	Loss	Proportion	Room	Existing NSL		Proposed NSL		Proportion	Existing APSH		Proposed APSH		Retained	
				VSC	VSC	VSC	Retained	Area	m ²	%	m ²	%	Retained	Total	Winter	Total	Winter	Total	Winter
Third	R2	W2	LKD	26.8	26.0	0.8	0.97	25.7	25.6	99%	25.6	99%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Third	R3	W3	LKD	26.5	25.6	0.9	0.97	26.4	26.0	99%	26.0	99%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Third	R4	W4	Bedroom	37.0	36.0	1.0	0.97	11.7	11.5	98%	11.5	98%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Third	R5	W5	Bedroom	37.0	35.9	1.0	0.97	11.4	11.1	97%	11.1	97%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Third	R6	W6	LKD	27.2	26.0	1.2	0.96	27.8	26.9	97%	26.9	97%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
		W7		30.2	28.9	1.2	0.96												
Third	R7	W8	Hallway	29.4	28.4	1.0	0.97	31.5	20.3	64%	20.3	64%	1.00	52	10	51	10	0.98	1.00
Fourth	R1	W1	Bedroom	26.8	26.6	0.2	0.99	12.7	11.3	89%	11.3	89%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Fourth	R2	W2	LKD	26.9	26.2	0.7	0.98	25.7	25.6	99%	25.6	99%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Fourth	R3	W3	LKD	26.8	26.1	0.8	0.97	26.4	26.0	99%	26.0	99%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Fourth	R4	W4	Bedroom	37.9	37.0	0.9	0.98	11.7	11.5	98%	11.5	98%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Fourth	R5	W5	Bedroom	37.9	36.9	0.9	0.98	11.4	11.1	97%	11.1	97%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Fourth	R6	W6	LKD	27.4	26.3	1.0	0.96	27.8	26.9	97%	26.9	97%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
		W7		30.3	29.2	1.1	0.97												
Fourth	R7	W8	Hallway	33.7	32.9	0.9	0.97	31.5	20.8	66%	20.8	66%	1.00	60	15	59	15	0.98	1.00
B1 Hayes Village Apartment Complex																			
Ground	R1	W1	Hallway	3.1	3.1	0.0	1.00	6.3	0.7	11%	0.7	11%	1.00	15	8	15	8	1.00	1.00
Ground	R2	W2	Bedroom	12.7	12.7	0.0	1.00	13.2	3.9	30%	3.9	30%	1.00	14	0	14	0	1.00	0.00
Ground	R3	W3	Hallway	3.4	3.4	0.0	1.00	6.4	0.7	11%	0.7	11%	1.00	16	8	16	8	1.00	1.00
Ground	R4	W4	Bedroom	12.9	12.9	0.0	1.00	13.3	5.4	41%	5.4	41%	1.00	14	0	14	0	1.00	0.00
Ground	R5	W5	Hallway	3.7	3.7	0.0	1.00	6.4	0.8	12%	0.8	12%	1.00	16	8	16	8	1.00	1.00
Ground	R6	W6	Bedroom	13.3	13.3	0.0	1.00	13.0	5.6	43%	5.6	43%	1.00	16	0	16	0	1.00	0.00
Ground	R7	W7	Hallway	4.3	4.3	0.0	1.00	6.4	0.9	14%	0.9	14%	1.00	20	12	20	12	1.00	1.00
Ground	R8	W8	Bedroom	17.1	17.1	0.0	1.00	13.2	6.1	46%	6.1	46%	1.00	35	11	35	11	1.00	1.00
First	R1	W1	Bedroom	16.7	16.7	0.0	1.00	14.8	7.2	49%	7.2	49%	1.00	22	4	22	4	1.00	1.00
First	R2	W2	Bedroom	10.1	10.1	0.0	1.00	8.2	4.7	57%	4.7	57%	1.00	30	8	30	8	1.00	1.00

Address	Room	Window	Room use	Vertical Sky Component (VSC)				Room Area	No-Sky Line (NSL)					Annual Probable Sunlight Hours (APSH) by Room					
				Existing	Proposed	Loss	Proportion		Existing	NSL	Proposed	NSL	Proportion	Existing APSH		Proposed APSH		Retained	
				VSC	VSC	VSC	Retained		m ²	%	m ²	%	Retained	Total	Winter	Total	Winter	Total	Winter
First	R3	W3	Bedroom	16.6	16.6	0.0	1.00	13.5	5.7	42%	5.7	42%	1.00	26	5	26	5	1.00	1.00
First	R4	W4	Bedroom	10.3	10.3	0.0	1.00	8.2	4.4	53%	4.4	53%	1.00	14	7	14	7	1.00	1.00
First	R5	W5	Bedroom	11.7	11.7	0.0	1.00	13.4	5.7	42%	5.7	42%	1.00	26	5	26	5	1.00	1.00
First	R6	W6	Bedroom	10.0	10.0	0.0	1.00	8.1	4.6	56%	4.6	56%	1.00	15	8	15	8	1.00	1.00
First	R7	W7	Bedroom	13.4	13.4	0.0	1.00	13.5	5.9	44%	5.9	44%	1.00	34	10	34	10	1.00	1.00
First	R8	W8	Bedroom	17.3	17.3	0.0	1.00	8.2	4.9	59%	4.9	59%	1.00	25	6	25	6	1.00	1.00
First	R9	W9	Bedroom	10.0	10.0	0.0	1.00	13.4	5.5	41%	5.5	41%	1.00	22	12	22	12	1.00	1.00
Second	R1	W1	Stairwell	20.8	20.8	0.0	1.00	14.3	11.8	82%	11.8	82%	1.00	41	11	41	11	1.00	1.00
Second	R2	W2	Bedroom	19.2	19.2	0.0	1.00	14.0	8.8	63%	8.8	63%	1.00	28	6	28	6	1.00	1.00
Second	R3	W3	LKD	10.8	10.8	0.0	1.00	23.9	9.2	39%	9.2	39%	1.00	30	10	30	10	1.00	1.00
Second	R4	W4	Bedroom	18.1	18.1	0.0	1.00	13.9	8.7	62%	8.7	62%	1.00	27	5	27	5	1.00	1.00
Second	R5	W5	LKD	10.2	10.2	0.0	1.00	24.4	9.7	40%	9.7	40%	1.00	28	10	28	10	1.00	1.00
Second	R6	W6	LKD	10.6	10.6	0.0	1.00	24.0	10.2	43%	10.2	43%	1.00	18	9	18	9	1.00	1.00
Second	R7	W7	Bedroom	19.4	19.4	0.0	1.00	14.1	9.3	66%	9.3	66%	1.00	33	8	33	8	1.00	1.00
Second	R8	W8	LKD	12.0	12.0	0.0	1.00	24.1	11.3	47%	11.3	47%	1.00	19	11	19	11	1.00	1.00
Second	R9	W9	Bedroom	22.1	22.1	0.0	1.00	14.2	10.6	75%	10.6	75%	1.00	44	12	44	12	1.00	1.00
Third	R1	W1	Stairwell	23.4	23.4	0.0	1.00	13.8	12.0	87%	12.0	87%	1.00	46	12	46	12	1.00	1.00
Third	R2	W2	Bedroom	22.0	22.0	0.0	1.00	13.6	11.2	83%	11.2	83%	1.00	33	7	33	7	1.00	1.00
Third	R3	W3	LKD	13.3	13.3	0.0	1.00	23.9	12.0	50%	12.0	50%	1.00	34	11	34	11	1.00	1.00
Third	R4	W4	Bedroom	20.8	20.8	0.0	1.00	13.4	11.1	83%	11.1	83%	1.00	32	7	32	7	1.00	1.00
Third	R5	W5	LKD	13.0	13.0	0.0	1.00	23.9	12.0	50%	12.0	50%	1.00	33	12	33	12	1.00	1.00
Third	R6	W6	LKD	13.4	13.4	0.0	1.00	23.6	12.2	52%	12.2	52%	1.00	26	13	26	13	1.00	1.00
Third	R7	W7	Bedroom	22.1	22.1	0.0	1.00	13.7	11.4	83%	11.4	83%	1.00	42	12	42	12	1.00	1.00
Third	R8	W8	LKD	15.0	15.0	0.0	1.00	23.5	14.0	60%	14.0	60%	1.00	26	14	26	14	1.00	1.00
Third	R9	W9	Bedroom	24.0	24.0	0.0	1.00	13.8	12.0	87%	12.0	87%	1.00	55	18	55	18	1.00	1.00

Address	Room	Window	Room use	Vertical Sky Component (VSC)				Room Area	No-Sky Line (NSL)					Annual Probable Sunlight Hours (APSH) by Room					
				Existing	Proposed	Loss	Proportion		Existing	NSL	Proposed	NSL	Proportion	Existing APSH		Proposed APSH		Retained	
				VSC	VSC	VSC	Retained		m ²	%	m ²	%	Retained	Total	Winter	Total	Winter	Total	Winter
Fourth	R1	W1	Stairwell	26.5	26.5	0.0	1.00	13.8	12.7	92%	12.7	92%	1.00	54	17	54	17	1.00	1.00
Fourth	R2	W2	Bedroom	25.0	25.0	0.0	1.00	13.6	13.4	98%	13.4	98%	1.00	38	11	38	11	1.00	1.00
Fourth	R3	W3	LKD	16.2	16.2	0.0	1.00	23.8	16.2	68%	16.2	68%	1.00	42	16	42	16	1.00	1.00
Fourth	R4	W4	Bedroom	23.8	23.8	0.0	1.00	13.6	13.4	98%	13.4	98%	1.00	37	10	37	10	1.00	1.00
Fourth	R5	W5	LKD	15.8	15.8	0.0	1.00	23.8	16.2	68%	16.2	68%	1.00	38	14	38	14	1.00	1.00
Fourth	R6	W6	LKD	16.2	16.2	0.0	1.00	23.7	16.2	68%	16.2	68%	1.00	31	15	31	15	1.00	1.00
Fourth	R7	W7	Bedroom	25.0	25.0	0.0	1.00	13.6	13.4	98%	13.4	98%	1.00	48	14	48	14	1.00	1.00
Fourth	R8	W8	LKD	18.1	18.1	0.0	1.00	23.7	17.6	74%	17.6	74%	1.00	31	15	31	15	1.00	1.00
Fourth	R9	W9	Bedroom	26.9	26.9	0.0	1.00	13.8	13.5	98%	13.5	98%	1.00	59	18	59	18	1.00	1.00
Fifth	R1	W1	Stairwell	30.1	30.1	0.0	1.00	14.0	13.2	94%	13.2	94%	1.00	59	19	59	19	1.00	1.00
Fifth	R2	W2	Bedroom	28.1	28.1	0.0	1.00	13.9	13.6	98%	13.6	98%	1.00	41	13	41	13	1.00	1.00
Fifth	R3	W3	LKD	19.4	19.4	0.0	1.00	23.9	23.3	97%	23.3	97%	1.00	48	18	48	18	1.00	1.00
Fifth	R4	W4	Bedroom	27.0	27.0	0.0	1.00	13.9	13.6	98%	13.6	98%	1.00	41	12	41	12	1.00	1.00
Fifth	R5	W5	LKD	19.1	19.1	0.0	1.00	24.1	23.4	97%	23.4	97%	1.00	46	18	46	18	1.00	1.00
Fifth	R6	W6	LKD	19.4	19.4	0.0	1.00	23.9	23.2	97%	23.2	97%	1.00	35	17	35	17	1.00	1.00
Fifth	R7	W7	Bedroom	28.3	28.3	0.0	1.00	14.0	13.7	98%	13.7	98%	1.00	50	15	50	15	1.00	1.00
Fifth	R8	W8	LKD	21.1	21.1	0.0	1.00	24.0	23.3	97%	23.3	97%	1.00	37	19	37	19	1.00	1.00
Fifth	R9	W9	Bedroom	30.0	30.0	0.0	1.00	14.1	13.8	98%	13.8	98%	1.00	63	19	63	19	1.00	1.00
Sixth	R1	W1	Stairwell	34.2	34.2	0.0	1.00	14.1	13.3	94%	13.3	94%	1.00	61	21	61	21	1.00	1.00
Sixth	R2	W2	Bedroom	31.9	31.9	0.0	1.00	13.8	13.6	98%	13.6	98%	1.00	49	15	49	15	1.00	1.00
Sixth	R3	W3	LKD	22.4	22.4	0.0	1.00	23.8	23.8	100%	23.8	100%	1.00	54	20	54	20	1.00	1.00
Sixth	R4	W4	Bedroom	31.3	31.3	0.0	1.00	13.8	13.5	98%	13.5	98%	1.00	49	14	49	14	1.00	1.00
Sixth	R5	W5	LKD	22.3	22.3	0.0	1.00	24.5	24.4	100%	24.4	100%	1.00	55	19	55	19	1.00	1.00
Sixth	R6	W6	LKD	22.7	22.7	0.0	1.00	23.9	23.9	100%	23.9	100%	1.00	38	20	38	20	1.00	1.00
Sixth	R7	W7	Bedroom	32.5	32.5	0.0	1.00	14.0	13.7	98%	13.7	98%	1.00	61	17	61	17	1.00	1.00

Address	Room	Window	Room use	Vertical Sky Component (VSC)				Room Area	No-Sky Line (NSL)					Annual Probable Sunlight Hours (APSH) by Room					
				Existing	Proposed	Loss	Proportion		Existing	NSL	Proposed	NSL	Proportion	Existing APSH		Proposed APSH		Retained	
				VSC	VSC	VSC	Retained		m ²	%	m ²	%	Retained	Total	Winter	Total	Winter	Total	Winter
Sixth	R8	W8	LKD	24.1	24.1	0.0	1.00	24.0	24.0	100%	24.0	100%	1.00	39	21	39	21	1.00	1.00
Sixth	R9	W9	Bedroom	33.6	33.6	0.0	1.00	14.1	13.8	98%	13.8	98%	1.00	66	22	66	22	1.00	1.00
Seventh	R1	W1	LKD	35.4	35.4	0.0	1.00	24.4	24.1	99%	24.1	99%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
		W2		25.5	25.5	0.0	1.00												
Seventh	R2	W3	Stairwell	26.8	26.8	0.0	1.00	16.0	15.9	100%	15.9	100%	1.00	64	23	64	23	1.00	1.00
		W4		36.7	36.7	0.0	1.00												
Seventh	R3	W5	Bedroom	37.1	37.1	0.0	1.00	13.8	13.5	98%	13.5	98%	1.00	65	23	65	23	1.00	1.00
Seventh	R4	W6	LKD	37.4	37.4	0.0	1.00	23.8	23.8	100%	23.8	100%	1.00	66	23	66	23	1.00	1.00
Seventh	R5	W7	Bedroom	37.7	37.7	0.0	1.00	13.6	13.4	98%	13.4	98%	1.00	67	23	67	23	1.00	1.00
Seventh	R6	W8	LKD	37.9	37.9	0.0	1.00	24.6	24.6	100%	24.6	100%	1.00	67	23	67	23	1.00	1.00
Seventh	R7	W9	LKD	38.1	38.1	0.0	1.00	22.7	22.7	100%	22.7	100%	1.00	67	23	67	23	1.00	1.00
Seventh	R8	W10	Bedroom	38.3	38.2	0.0	1.00	13.9	13.7	98%	13.7	98%	1.00	67	23	67	23	1.00	1.00
Seventh	R9	W11	LKD	38.4	38.4	0.0	1.00	23.9	23.9	100%	23.9	100%	1.00	67	23	67	23	1.00	1.00
Seventh	R10	W12	Bedroom	38.5	38.5	0.0	1.00	14.0	13.8	98%	13.8	98%	1.00	67	23	67	23	1.00	1.00
B9 Hayes Village Apartment Complex																			
Ground	R1	W1	LKD	16.7	16.7	0.0	1.00	23.0	22.7	99%	22.7	99%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
		W2		38.0	37.9	0.1	1.00												
Ground	R2	W3	Bedroom	38.0	37.9	0.1	1.00	10.3	10.1	97%	10.1	97%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R3	W4	LKD	38.0	37.9	0.1	1.00	26.8	26.6	99%	26.6	99%	1.00	19	5	19	5	1.00	1.00
		W5		37.7	37.5	0.1	1.00												
		W6		14.4	13.9	0.5	0.97												
Ground	R4	W7	Bedroom	17.2	16.8	0.4	0.98	8.9	6.2	70%	6.2	70%	1.00	26	6	26	6	1.00	1.00
Ground	R5	W8	Bedroom	20.1	19.7	0.4	0.98	11.8	7.8	66%	7.8	66%	1.00	24	7	24	7	1.00	1.00
Ground	R6	W9	Circulation	6.0	5.7	0.3	0.96	51.4	34.1	66%	34.1	66%	1.00	26	6	26	6	1.00	1.00
		W10		9.8	9.6	0.2	0.98												
		W11		17.4	17.2	0.2	0.99												
		W19		1.4	1.4	0.0	1.00												
Ground	R7	W12	LKD	14.8	14.8	0.0	1.00	20.3	6.7	33%	6.7	33%	1.00	14	1	14	1	1.00	1.00
Ground	R8	W13	Hallway	0.8	0.8	0.0	1.00	7.6	0.1	1%	0.1	1%	1.00	4	3	4	3	1.00	1.00

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Address	Room	Window	Room use	Vertical Sky Component (VSC)				No-Sky Line (NSL)					Annual Probable Sunlight Hours (APSH) by Room						
				Existing	Proposed	Loss	Proportion	Room	Existing	NSL	Proposed	NSL	Proportion	Existing APSH		Proposed APSH		Retained	
				VSC	VSC	VSC	Retained	Area	m ²	%	m ²	%	Retained	Total	Winter	Total	Winter	Total	Winter
Second	R1	W11	LKD	17.4	17.2	0.2	0.99	38.8	11.4	29%	4.8	12%	0.42	26	6	26	6	1.00	1.00
		W19		1.4	1.4	0.0	1.00												
		W1		15.4	15.4	0.0	1.00												
		W2		39.1	39.0	0.1	1.00							N/F	N/F	N/F	N/F	N/F	N/F
Second	R2	W3	Bedroom	39.0	39.0	0.1	1.00	10.2	9.9	97%	9.9	97%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Second	R3	W4	LKD	38.6	38.5	0.1	1.00	27.1	26.6	98%	26.6	98%	1.00	20	4	20	4	1.00	1.00
		W5		38.9	38.7	0.2	1.00												
		W6		13.8	13.4	0.4	0.97												
Second	R4	W7	Bedroom	18.9	18.5	0.4	0.98	9.3	5.5	59%	5.5	59%	1.00	29	4	29	4	1.00	1.00
Second	R5	W8	Bedroom	21.9	21.5	0.3	0.99	12.3	8.7	71%	8.7	71%	1.00	20	3	20	3	1.00	1.00
Second	R6	W9	LKD	12.5	12.2	0.2	0.98	23.8	14.0	59%	14.0	59%	1.00	12	7	12	7	1.00	1.00
Second	R7	W10	Bedroom	18.5	18.3	0.2	0.99	14.6	7.4	51%	7.4	51%	1.00	26	7	26	7	1.00	1.00
Second	R8	W11	Bedroom	18.7	18.6	0.1	1.00	14.5	8.2	56%	8.1	56%	1.00	17	3	17	3	1.00	1.00
Second	R9	W12	LKD	9.4	9.4	0.0	1.00	23.8	9.9	42%	9.9	42%	1.00	16	8	16	8	1.00	1.00
Second	R10	W13	Bedroom	18.1	18.1	0.0	1.00	12.2	6.7	55%	6.7	55%	1.00	19	5	19	5	1.00	1.00
Second	R11	W14	Bedroom	15.7	15.7	0.0	1.00	9.1	4.2	46%	4.2	46%	1.00	12	2	12	2	1.00	1.00
Second	R12	W15	LKD	8.4	8.4	0.0	1.00	25.9	8.3	32%	8.3	32%	1.00	20	9	20	9	1.00	1.00
Second	R13	W16	LKD	5.9	5.9	0.0	1.00	28.2	13.7	49%	13.7	49%	1.00	24	11	24	11	1.00	1.00
		W17		7.5	7.5	0.0	1.00												
Second	R14	W18	LKD	18.1	18.1	0.0	1.00	26.3	8.3	32%	8.3	32%	1.00	33	10	33	10	1.00	1.00
Second	R15	W19	Bedroom	16.0	16.0	0.0	1.00	9.5	6.6	69%	6.6	69%	1.00	23	6	23	6	1.00	1.00
Second	R16	W20	Bedroom	9.9	9.9	0.0	1.00	13.6	9.8	72%	9.8	72%	1.00	31	11	31	11	1.00	1.00
Third	R1	W1	LKD	15.2	15.2	0.0	1.00	23.5	23.2	99%	23.2	99%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
		W2		39.2	39.1	0.1	1.00												
Third	R2	W3	Bedroom	39.2	39.1	0.1	1.00	10.2	9.9	97%	9.9	97%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Third	R3	W4	LKD	38.7	38.6	0.1	1.00	26.8	26.4	98%	26.4	98%	1.00	20	4	20	4	1.00	1.00
		W5		39.2	39.1	0.1	1.00												
		W6		15.8	15.4	0.4	0.98												
Third	R4	W7	Bedroom	20.1	19.8	0.3	0.99	9.1	5.9	65%	5.9	65%	1.00	35	5	35	5	1.00	1.00

Address	Room	Window	Room use	Vertical Sky Component (VSC)				No-Sky Line (NSL)						Annual Probable Sunlight Hours (APSH) by Room					
				Existing	Proposed	Loss	Proportion	Room	Existing	NSL	Proposed	NSL	Proportion	Existing	Proposed	Retained			
				VSC	VSC	VSC	Retained	Area	m ²	%	m ²	%	Retained	Total	Winter	Total	Winter	Total	Winter
Third	R5	W8	Bedroom	23.2	22.9	0.3	0.99	12.0	8.8	73%	8.8	73%	1.00	27	4	27	4	1.00	1.00
Third	R6	W9	LKD	13.0	12.8	0.2	0.99	23.4	14.1	60%	14.1	60%	1.00	12	7	12	7	1.00	1.00
Third	R7	W10	Bedroom	20.0	19.9	0.2	0.99	14.5	7.9	55%	7.9	55%	1.00	29	7	29	7	1.00	1.00
Third	R8	W11	Bedroom	20.4	20.3	0.1	1.00	14.4	8.4	59%	8.4	59%	1.00	19	3	19	3	1.00	1.00
Third	R9	W12	LKD	10.1	10.1	0.0	1.00	23.6	11.1	47%	11.1	47%	1.00	16	8	16	8	1.00	1.00
Third	R10	W13	Bedroom	20.0	20.0	0.0	1.00	11.9	7.5	63%	7.5	63%	1.00	20	5	20	5	1.00	1.00
Third	R11	W14	Bedroom	17.8	17.8	0.0	1.00	8.9	4.6	52%	4.6	52%	1.00	13	3	13	3	1.00	1.00
Third	R12	W15	LKD	9.6	9.6	0.0	1.00	26.0	10.4	40%	10.4	40%	1.00	22	10	22	10	1.00	1.00
Third	R13	W16 W17	LKD	6.9 9.2	6.9 9.2	0.0 0.0	1.00 1.00	27.6	15.4	56%	15.4	56%	1.00	26	12	26	12	1.00	1.00
Third	R14	W18	Bedroom	20.6	20.6	0.0	1.00	12.9	12.2	95%	12.2	95%	1.00	36	11	36	11	1.00	1.00
Third	R15	W19	Bedroom	18.7	18.7	0.0	1.00	9.1	7.6	83%	7.6	83%	1.00	26	7	26	7	1.00	1.00
Third	R16	W20	LKD	12.0	12.0	0.0	1.00	26.2	10.6	41%	10.6	41%	1.00	37	12	37	12	1.00	1.00
Fourth	R1	W1 W2	LKD	15.5 39.2	15.5 39.2	0.0 0.1	1.00 1.00	23.4	23.1	99%	23.1	99%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Fourth	R2	W3	Bedroom	39.2	39.1	0.1	1.00	10.2	9.9	97%	9.9	97%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Fourth	R3	W4 W5 W6	LKD	38.7 39.3 17.1	38.6 39.2 16.8	0.1 0.1 0.3	1.00 1.00 0.98	26.5	26.1	99%	26.1	99%	1.00	24	6	24	6	1.00	1.00
Fourth	R4	W7	Bedroom	21.6	21.4	0.2	0.99	9.0	6.1	67%	6.1	67%	1.00	40	8	40	8	1.00	1.00
Fourth	R5	W8	Bedroom	24.7	24.5	0.2	0.99	11.9	9.0	75%	9.0	75%	1.00	30	5	30	5	1.00	1.00
Fourth	R6	W9	LKD	14.6	14.4	0.2	0.99	23.2	14.0	60%	14.0	60%	1.00	17	11	17	11	1.00	1.00
Fourth	R7	W10	Bedroom	21.7	21.6	0.1	0.99	14.4	8.3	58%	8.3	58%	1.00	35	10	35	10	1.00	1.00
Fourth	R8	W11	Bedroom	22.4	22.3	0.1	1.00	14.2	8.8	62%	8.8	62%	1.00	27	6	27	6	1.00	1.00
Fourth	R9	W12	LKD	12.1	12.1	0.0	1.00	23.3	12.0	52%	12.0	52%	1.00	24	12	24	12	1.00	1.00
Fourth	R10	W13	Bedroom	22.3	22.3	0.0	1.00	11.7	8.1	69%	8.1	69%	1.00	29	10	29	10	1.00	1.00
Fourth	R11	W14	Bedroom	20.1	20.1	0.0	1.00	9.0	5.3	59%	5.3	59%	1.00	21	8	21	8	1.00	1.00

Address	Room	Window	Room use	Vertical Sky Component (VSC)				No-Sky Line (NSL)						Annual Probable Sunlight Hours (APSH) by Room					
				Existing	Proposed	Loss	Proportion	Room	Existing NSL		Proposed NSL		Proportion	Existing APSH		Proposed APSH		Retained	
				VSC	VSC	VSC	Retained	Area	m ²	%	m ²	%	Retained	Total	Winter	Total	Winter	Total	Winter
Fourth	R12	W15	LKD	11.7	11.7	0.0	1.00	25.8	13.9	54%	13.9	54%	1.00	29	14	29	14	1.00	1.00
Fourth	R13	W16	LKD	7.9	7.9	0.0	1.00	27.6	19.0	69%	19.0	69%	1.00	35	16	35	16	1.00	1.00
		W17		11.4	11.4	0.0	1.00												
Fourth	R14	W18	Bedroom	23.5	23.5	0.0	1.00	13.0	12.8	99%	12.8	99%	1.00	45	16	45	16	1.00	1.00
Fourth	R15	W19	Bedroom	21.7	21.7	0.0	1.00	9.1	8.5	93%	8.5	93%	1.00	30	11	30	11	1.00	1.00
Fourth	R16	W20	LKD	14.4	14.4	0.0	1.00	26.2	14.6	56%	14.6	56%	1.00	44	17	44	17	1.00	1.00
Fifth	R1	W1	LKD	16.9	16.9	0.0	1.00	23.1	23.0	100%	23.0	100%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
		W2		39.2	39.2	0.1	1.00												
Fifth	R2	W3	Bedroom	39.2	39.1	0.1	1.00	10.1	9.8	97%	9.8	97%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Fifth	R3	W4	LKD	38.7	38.7	0.0	1.00	27.0	26.6	98%	26.6	98%	1.00	25	6	25	6	1.00	1.00
		W5		39.4	39.2	0.1	1.00												
		W6		18.6	18.3	0.3	0.99												
Fifth	R4	W7	Bedroom	23.2	23.0	0.2	0.99	9.3	7.1	76%	7.1	76%	1.00	42	8	42	8	1.00	1.00
Fifth	R5	W8	Bedroom	26.4	26.2	0.2	0.99	12.3	10.1	82%	10.1	82%	1.00	36	7	36	7	1.00	1.00
Fifth	R6	W9	LKD	16.2	16.1	0.1	0.99	23.5	14.4	61%	14.4	61%	1.00	22	11	22	11	1.00	1.00
Fifth	R7	W10	Bedroom	23.8	23.7	0.1	1.00	14.6	9.1	62%	9.1	62%	1.00	41	11	41	11	1.00	1.00
Fifth	R8	W11	Bedroom	24.5	24.4	0.1	1.00	14.5	9.6	66%	9.6	66%	1.00	33	7	33	7	1.00	1.00
Fifth	R9	W12	LKD	14.5	14.5	0.0	1.00	23.4	12.6	54%	12.6	54%	1.00	31	12	31	12	1.00	1.00
Fifth	R10	W13	Bedroom	24.8	24.8	0.0	1.00	12.0	8.9	74%	8.9	74%	1.00	36	10	36	10	1.00	1.00
Fifth	R11	W14	Bedroom	22.6	22.6	0.0	1.00	9.1	6.1	66%	6.1	66%	1.00	23	8	23	8	1.00	1.00
Fifth	R12	W15	LKD	14.4	14.4	0.0	1.00	25.8	19.6	76%	19.6	76%	1.00	34	15	34	15	1.00	1.00
Fifth	R13	W16	LKD	9.2	9.2	0.0	1.00	28.1	26.6	95%	26.6	95%	1.00	41	20	41	20	1.00	1.00
		W17		14.3	14.3	0.0	1.00												
Fifth	R14	W18	Bedroom	27.7	27.7	0.0	1.00	13.2	13.2	100%	13.2	100%	1.00	53	18	53	18	1.00	1.00
Fifth	R15	W19	Bedroom	25.5	25.5	0.0	1.00	9.2	8.9	96%	8.9	96%	1.00	35	13	35	13	1.00	1.00
Fifth	R16	W20	LKD	17.5	17.5	0.0	1.00	26.5	24.8	93%	24.8	93%	1.00	51	21	51	21	1.00	1.00
Sixth	R1	W1	LKD	20.1	20.1	0.0	1.00	23.1	23.1	100%	23.1	100%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
		W2		39.0	39.0	0.0	1.00												

Address	Room	Window	Room use	Vertical Sky Component (VSC)				Room Area	No-Sky Line (NSL)					Annual Probable Sunlight Hours (APSH) by Room					
				Existing	Proposed	Loss	Proportion		Existing	NSL	Proposed	NSL	Proportion	Existing	Proposed	Retained			
				VSC	VSC	VSC	Retained		m ²	%	m ²	%	Retained	Total	Winter	Total	Winter	Total	Winter
Sixth	R2	W3	Bedroom	39.2	39.2	0.0	1.00	10.2	9.9	97%	9.9	97%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Sixth	R3	W4	LKD	38.8	38.8	0.0	1.00	26.9	26.5	98%	26.5	98%	1.00	27	7	27	7	1.00	1.00
		W5		39.4	39.3	0.1	1.00												
		W6		20.2	20.0	0.2	0.99												
Sixth	R4	W7	Bedroom	24.8	24.7	0.1	0.99	9.0	8.1	90%	8.1	90%	1.00	44	8	44	8	1.00	1.00
Sixth	R5	W8	Bedroom	28.3	28.2	0.1	1.00	12.2	11.2	92%	11.2	92%	1.00	39	7	39	7	1.00	1.00
Sixth	R6	W9	LKD	18.4	18.3	0.1	0.99	23.4	15.0	64%	15.0	64%	1.00	26	12	26	12	1.00	1.00
Sixth	R7	W10	Bedroom	25.9	25.8	0.1	1.00	14.5	10.7	73%	10.7	73%	1.00	44	11	44	11	1.00	1.00
Sixth	R8	W11	Bedroom	26.7	26.7	0.0	1.00	14.4	11.0	77%	11.0	77%	1.00	36	7	36	7	1.00	1.00
Sixth	R9	W12	LKD	16.9	16.9	0.0	1.00	23.7	13.3	56%	13.3	56%	1.00	36	14	36	14	1.00	1.00
Sixth	R10	W13	Bedroom	27.7	27.7	0.0	1.00	12.0	10.3	85%	10.3	85%	1.00	43	11	43	11	1.00	1.00
Sixth	R11	W14	Bedroom	26.2	26.2	0.0	1.00	9.0	7.1	79%	7.1	79%	1.00	31	8	31	8	1.00	1.00
Sixth	R12	W15	LKD	17.1	17.1	0.0	1.00	26.2	21.4	82%	21.4	82%	1.00	41	17	41	17	1.00	1.00
Sixth	R13	W16	LKD	10.7	10.7	0.0	1.00	27.9	27.8	100%	27.8	100%	1.00	60	22	60	22	1.00	1.00
		W17		32.0	32.0	0.0	1.00												
Sixth	R14	W18	Bedroom	32.6	32.6	0.0	1.00	13.3	13.2	100%	13.2	100%	1.00	60	22	60	22	1.00	1.00
Sixth	R15	W19	Bedroom	33.0	33.0	0.0	1.00	9.2	9.1	99%	9.1	99%	1.00	61	22	61	22	1.00	1.00
Sixth	R16	W20	LKD	33.5	33.5	0.0	1.00	26.5	26.0	98%	26.0	98%	1.00	62	22	62	22	1.00	1.00
Seventh	R1	W1	LKD	21.3	21.3	0.0	1.00	23.1	23.1	100%	23.1	100%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
		W2		38.3	38.3	0.0	1.00												
Seventh	R2	W3	Bedroom	39.4	39.3	0.0	1.00	10.3	10.0	98%	10.0	98%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Seventh	R3	W4	LKD	39.3	39.3	0.0	1.00	27.1	27.0	100%	27.0	100%	1.00	29	9	29	9	1.00	1.00
		W5		39.5	39.4	0.1	1.00												
		W6		21.7	21.5	0.1	0.99												
Seventh	R4	W7	Bedroom	26.9	26.8	0.1	1.00	9.1	8.9	98%	8.9	98%	1.00	48	11	48	11	1.00	1.00
Seventh	R5	W8	Bedroom	30.3	30.3	0.1	1.00	12.3	12.1	98%	12.1	98%	1.00	42	10	42	10	1.00	1.00
Seventh	R6	W9	LKD	20.2	20.2	0.1	1.00	23.5	16.4	70%	16.4	70%	1.00	29	14	29	14	1.00	1.00
Seventh	R7	W10	Bedroom	28.3	28.2	0.1	1.00	14.7	13.6	93%	13.6	93%	1.00	48	13	48	13	1.00	1.00

Address	Room	Window	Room use	Vertical Sky Component (VSC)				No-Sky Line (NSL)						Annual Probable Sunlight Hours (APSH) by Room					
				Existing	Proposed	Loss	Proportion	Room	Existing	NSL	Proposed	NSL	Proportion	Existing	Proposed	Retained			
				VSC	VSC	VSC	Retained	Area	m ²	%	m ²	%	Retained	Total	Winter	Total	Winter	Total	Winter
Seventh	R8	W11	Bedroom	29.1	29.1	0.0	1.00	14.5	13.6	93%	13.6	93%	1.00	37	8	37	8	1.00	1.00
Seventh	R9	W12	LKD	19.5	19.5	0.0	1.00	23.8	14.7	62%	14.7	62%	1.00	42	16	42	16	1.00	1.00
Seventh	R10	W13	Bedroom	30.9	30.9	0.0	1.00	12.2	12.0	98%	12.0	98%	1.00	52	17	52	17	1.00	1.00
Seventh	R11	W14	Bedroom	32.5	32.5	0.0	1.00	9.0	8.8	97%	8.8	97%	1.00	52	17	52	17	1.00	1.00
Seventh	R12	W15	LKD	33.3	33.3	0.0	1.00	26.3	22.2	85%	22.2	85%	1.00	53	18	53	18	1.00	1.00
Eighth	R1	W1	LKD	21.8	21.8	0.0	1.00	23.3	23.3	100%	23.3	100%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
		W2		31.4	31.4	0.0	1.00												
Eighth	R2	W3	Bedroom	39.5	39.4	0.0	1.00	10.2	9.9	97%	9.9	97%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Eighth	R3	W4	LKD	39.5	39.5	0.0	1.00	26.5	26.5	100%	26.5	100%	1.00	30	11	30	11	1.00	1.00
		W5		39.5	39.5	0.0	1.00												
		W6		23.6	23.5	0.1	1.00												
Eighth	R4	W7	Bedroom	29.3	29.2	0.1	1.00	9.0	8.9	99%	8.9	99%	1.00	52	13	52	13	1.00	1.00
Eighth	R5	W8	Bedroom	32.6	32.6	0.0	1.00	12.0	11.9	99%	11.9	99%	1.00	46	11	46	11	1.00	1.00
Eighth	R6	W9	LKD	22.5	22.5	0.1	1.00	23.4	19.8	85%	19.8	85%	1.00	32	15	32	15	1.00	1.00
Eighth	R7	W10	Bedroom	30.8	30.8	0.0	1.00	14.4	14.3	99%	14.3	99%	1.00	53	14	53	14	1.00	1.00
Eighth	R8	W11	Bedroom	31.9	31.9	0.0	1.00	14.4	14.1	98%	14.1	98%	1.00	43	10	43	10	1.00	1.00
Eighth	R9	W12	LKD	21.6	21.6	0.0	1.00	23.6	18.7	79%	18.7	79%	1.00	45	17	45	17	1.00	1.00
Eighth	R10	W13	Bedroom	32.9	32.9	0.0	1.00	11.8	11.7	99%	11.7	99%	1.00	55	17	55	17	1.00	1.00
Eighth	R11	W14	Bedroom	34.7	34.7	0.0	1.00	9.1	8.9	98%	8.9	98%	1.00	55	17	55	17	1.00	1.00
Eighth	R12	W15	LKD	35.3	35.3	0.0	1.00	28.0	27.6	99%	27.6	99%	1.00	85	28	85	28	1.00	1.00
		W16		24.7	24.7	0.0	1.00												
Ninth	R1	W1	LKD	22.3	22.3	0.0	1.00	23.2	23.2	100%	23.2	100%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
		W2		31.5	31.5	0.0	1.00												
Ninth	R2	W3	Bedroom	39.6	39.6	0.0	1.00	10.1	9.8	97%	9.8	97%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Ninth	R3	W4	LKD	39.6	39.6	0.0	1.00	27.0	27.0	100%	27.0	100%	1.00	33	14	33	14	1.00	1.00
		W5		39.6	39.6	0.0	1.00												
		W6		24.7	24.7	0.0	1.00												
Ninth	R4	W7	Bedroom	32.2	32.1	0.0	1.00	9.3	9.2	99%	9.2	99%	1.00	56	16	56	16	1.00	1.00
Ninth	R5	W8	Bedroom	35.3	35.3	0.0	1.00	12.4	12.2	99%	12.2	99%	1.00	52	12	52	12	1.00	1.00

Address	Room	Window	Room use	Vertical Sky Component (VSC)				No-Sky Line (NSL)					Annual Probable Sunlight Hours (APSH) by Room						
				Existing	Proposed	Loss	Proportion	Room	Existing NSL	Proposed NSL	Proportion	Existing APSH		Proposed APSH		Retained			
				VSC	VSC	VSC	Retained	Area	m²	%	m²	%	Retained	Total	Winter	Total	Winter	Total	Winter
Ninth	R6	W9	LKD	24.5	24.4	0.0	1.00	23.6	23.6	100%	23.6	100%	1.00	34	17	34	17	1.00	1.00
Ninth	R7	W10	Bedroom	34.1	34.0	0.0	1.00	14.7	14.5	99%	14.5	99%	1.00	56	16	56	16	1.00	1.00
Ninth	R8	W11	Bedroom	34.8	34.8	0.0	1.00	14.6	14.4	99%	14.4	99%	1.00	51	11	51	11	1.00	1.00
Ninth	R9	W12	LKD	23.7	23.7	0.0	1.00	23.7	23.7	100%	23.7	100%	1.00	49	18	49	18	1.00	1.00
Ninth	R10	W13	Bedroom	35.5	35.5	0.0	1.00	12.1	12.0	99%	12.0	99%	1.00	58	18	58	18	1.00	1.00
Ninth	R11	W14	Bedroom	36.7	36.7	0.0	1.00	9.1	9.0	98%	9.0	98%	1.00	58	18	58	18	1.00	1.00
Ninth	R12	W15	LKD	37.0	37.0	0.0	1.00	28.0	27.9	100%	27.9	100%	1.00	88	29	88	29	1.00	1.00
		W16		25.4	25.4	0.0	1.00												
Tenth	R1	W1	LKD	39.2	39.2	0.0	1.00	23.3	23.3	100%	23.3	100%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
		W2		39.6	39.6	0.0	1.00												
Tenth	R2	W3	Bedroom	39.6	39.6	0.0	1.00	10.3	10.1	98%	10.1	98%	1.00	N/F	N/F	N/F	N/F	N/F	N/F
Tenth	R3	W4	Bedroom	39.6	39.6	0.0	1.00	26.9	26.9	100%	26.9	100%	1.00	61	20	61	20	1.00	1.00
		W5		39.6	39.6	0.0	1.00												
		W6		38.6	38.6	0.0	1.00												
Tenth	R4	W7	Bedroom	38.5	38.5	0.0	1.00	9.1	9.0	99%	9.0	99%	1.00	60	20	60	20	1.00	1.00
Tenth	R5	W8	Bedroom	38.5	38.5	0.0	1.00	11.9	11.8	99%	11.8	99%	1.00	60	20	60	20	1.00	1.00
Tenth	R6	W9	LKD	38.4	38.4	0.0	1.00	23.6	23.6	100%	23.6	100%	1.00	60	20	60	20	1.00	1.00
Tenth	R7	W10	Bedroom	38.3	38.3	0.0	1.00	14.7	14.5	99%	14.5	99%	1.00	60	20	60	20	1.00	1.00
Tenth	R8	W11	Bedroom	38.3	38.3	0.0	1.00	14.6	14.3	99%	14.3	99%	1.00	60	20	60	20	1.00	1.00
Tenth	R9	W12	LKD	38.3	38.3	0.0	1.00	23.7	23.7	100%	23.7	100%	1.00	60	20	60	20	1.00	1.00
Tenth	R10	W13	Bedroom	38.4	38.4	0.0	1.00	12.1	12.0	99%	12.0	99%	1.00	60	20	60	20	1.00	1.00
Tenth	R11	W14	Bedroom	38.4	38.4	0.0	1.00	9.1	8.9	98%	8.9	98%	1.00	60	20	60	20	1.00	1.00
Tenth	R12	W15	LKD	38.5	38.5	0.0	1.00	27.9	27.8	100%	27.8	100%	1.00	99	30	99	30	1.00	1.00
		W16		39.5	39.5	0.0	1.00												



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