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# INTERNAL DAYLIGHT & SUNLIGHT REPORT

Charlton Riverside

13th December 2017

A photograph of a modern building facade with a curved, metallic, and wooden slatted design, set against a blue sky with white clouds. The image is partially obscured by a large, dark grey geometric shape on the right side of the page.

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# 1. Introduction

- 1.1. This practice has been instructed to provide an assessment of the internal daylight & sunlight amenity with the proposed scheme at Charlton Riverside.
- 1.2. The effects of the proposed scheme to the surrounding residential properties have been assessed within the Environmental Chapter that was submitted separately.
- 1.3. The methodology and criteria used for these assessments is provided by the Building Research Establishments guidance 'Site layout planning for daylight and sunlight: a guide to good practice' (BRE, 2011) and the British Standard document BS8206 Pt2.

# 2. Guidance

## **Daylight & sunlight for planning**

### **Site layout planning for daylight and sunlight: a guide to good practice, BRE 2011**

- 2.1. This document follows from previous guidance produced by Her Majesty's Stationary Office (HMSO) on daylight and sunlight in the built environment and is now the accepted methodology used by local authorities for assessing daylight and sunlight in relation to new developments. It provides methods for the calculation of daylight and sunlight impacts of development upon existing surrounding properties and within proposed new dwellings.

### **Daylight Assessment**

- 2.2. There are detailed three methods for calculating daylight, the Vertical Sky Component (VSC), the No-Sky Line Contour (NSC) and the Average Daylight Factor (ADF). For sunlight the Annual Probable Sunlight Hours (APSH) method is detailed.
- 2.3. The ADF method calculates the average illuminance within a room as a proportion of the illuminance available to an unobstructed point outdoors under a sky of known luminance and luminance distribution. We have only considered the ADF method within our assessment as this is the most detailed of the daylight calculations. It considers the physical nature of the room behind the window, including window transmittance and surface reflectivity whereas the VSC assessment considers potential daylight at the window face only and does not consider room size. In addition the NSC method is a comparative study and as such it is not considered an appropriate assessment. The BRE guidelines / British Standard sets the following recommended ADF levels for habitable room uses:

- 1% Bedrooms

- 1.5% Living Rooms
- 2.0% Kitchens

The proposal includes a number of living / kitchen / dining rooms. These rooms are inherently deeper than a standalone kitchen or living space and as such, the living room target of 1.5% has been applied.

### **Sunlight Assessment**

- 2.4. For sunlight the APSH test calculates the percentage of statistically probable hours of sunlight received by each window in both the summer and winter months. March 21<sup>st</sup> through to September 21<sup>st</sup> is considered to be the summer period while September 21<sup>st</sup> to March 21<sup>st</sup> is considered the winter period.
- 2.5. The guidelines suggest that windows should receive at least 25% total APSH with 5% of this total being enjoyed in the winter months.

### **Policy Context**

- 2.6. It is important to note that, within urban centres, achieving good levels of daylight and sunlight in accordance with the BRE guidelines can be weighed in the balance against other beneficial design factors.
- 2.7. The opening paragraphs of the BRE guidelines state: -

*“The guide is intended for building designers and their clients, consultants and planning officials. The advice given here is not mandatory and the document should not be seen as an instrument of planning policy. Its aim is to help rather than constrain the designer. Although it gives numerical guidelines, these should be interpreted flexibly because natural lighting is only one of many factors in site layout design. In special circumstances the developer or planning authority may wish to use different target values. For example, in a historic city centre a higher degree of obstruction may be unavoidable if new developments are to match the height and proportions of existing buildings”.*
- 2.8. The targets set out in the BRE document are ‘guidelines’ and they should be applied sensibly and flexibly based on the site-specific context of development.

## **3. Assumptions**

- 3.1. Point cloud data, architects 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.
- 3.2. Where a large multiuse habitable room has a kitchen located at the rear, away from the room’s windows there will be a low expectation for natural light to this area. As such, whilst the full room has been assessed to present an absolute worst case it

could be argued that kitchen area should be removed from the assessment which would increase the average daylight factor within the room.

- 3.3. The assessments have considered the ground and first floors of residential accommodation in order to present a worst case scenario as daylight and sunlight are most restricted at lower floors. As the rate of compliance on the first floor is generally good, it was not deemed necessary to assess the upper floors.

## 4. Sources of Information

### Simpson Haugh

10046-Z0-G200-3\_2017-10-16.dwg  
Received 05/10/2017

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Received 16/11/2017

### Cloud 10

Charlton ROL-26-10-16-Meters.dwg  
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## 5. The Site and Proposal

- 5.1. The existing site is predominantly occupied by industrial warehouse and business park units. The nearby surrounding area is also characterised by existing warehouse units and retail outlets, with the exception of low rise residential properties to the west of the site.
- 5.2. With little external obstruction, there will be excellent daylight potential on the outward facing facades of these buildings. Where facades are inward facing, care has been taken to maximise glazing and apply considered design to ensure there will be adequate internal daylight levels.
- 5.3. The proposal is for the demolition of the existing buildings on site and the development of a residential led mixed use scheme.

## 6. Internal Daylight and Sunlight Results

- 6.1. Full results of the daylight and sunlight assessment are attached within appendix 2.

Drawings showing the layouts of the proposed accommodation with window and room labels are attached within appendix 1.

- 6.2. In relation to internal daylight and sunlight, the relevant assessments are internal Average Daylight Factor (ADF) and Annual Probable Sunlight Hours (APSH) respectively.
- 6.3. **Tables 1** and **2**, below, summarise the daylight and sunlight results within the proposed residential units (detailed results are presented in Appendix 2). Drawings showing the internal layouts of the proposed dwellings along with room and window labels are shown in Appendix 1.
- 6.4. **Table 1: Completed Development – Daylight within the Proposed Development (ADF)**

<b>Building Reference</b>	<b>Total number of rooms relevant for daylight assessment</b>	<b>Total number of rooms which meet the ADF criteria</b>
Block A	35	32
Block B	31	30
Block C	19	19
Block D	28	21
Block E	26	18
Block F	37	30
Block G	19	18
Block H	62	60
Block J	17	15
Block K	15	10
Block L	19	12
Block M	16	13
Block N	16	15
<b>Total</b>	<b>340</b>	<b>293</b>

- 6.5. Within the assessment, only the ground and first floors of residential accommodation have been assessed to present the worst case. Under this scenario, 293 (86%) of the 340 habitable rooms in the proposed development show compliance by reference to the ADF methodology suggested within the BRE

guidance. It can be assumed that daylight and sunlight availability will improve as one moves up the building, improving the high compliance even further.

- 6.6. Generally, the facades facing outwards from the site see little external obstruction and as such have excellent daylight potential leading to this excellent level of ADF compliance.
- 6.7. As would be expected for a development of this scale there are a small number of inward facing rooms which fall below the targets set within the BRE guidance.
- 6.8. Of the rooms that do not meet the suggested targets, 17 are bedrooms, with the vast majority of these rooms achieving levels marginally below the suggested target (1%ADF). Of the remaining rooms 13 achieve levels of at least 0.7% ADF. The remaining instances where light levels are below those recommended targets are generally isolated with the majority of rooms being secondary bedrooms.
- 6.9. The remaining 30 rooms are Living / Kitchen / Diners. It should be noted that these large multiuse spaces have been assessed as single rooms. Generally, kitchen spaces are located at the rear of these rooms with little expectation for natural light. By including this space within the assessment, the average daylight factor for the living space stated may be less than the levels that would be enjoyed, thus presenting a worst case. In addition, the majority of windows serving these rooms are either wholly or partially overhung by external amenity spaces (balconies). These balconies provide private external amenity to the occupier, however conflicts with the daylight potential to the rooms set beneath. Generally this is considered an acceptable trade-off for occupants. The BRE guidelines allows a degree of flexibility when applying the targets where other factors are to be considered. Given the isolated nature of the deviations, coupled with the benefits of the external amenity areas, the results should be considered in line with the overall intentions of the BRE guidelines.
- 6.10. **Table 2: Completed Development – Sunlight within the Proposed Development (APSH) – south facing living room and dining rooms only**

Building Reference	Total number of rooms assessed	Total number of rooms which meet the APSH criteria
Plot A	48	23
Plot B	20	8
<b>Total</b>	<b>68</b>	<b>31</b>

- 6.11. Of the 68 south facing living or dining rooms on the ground or first floors of the proposed development, 31 (46%) show compliance by reference to the APSH methodology suggested within the BRE guidance. This level of compliance would

be expected in a scheme such as this. If the upper floors of the proposed development were included within this assessment the proportional compliance rate for each building would be higher than those stated above.

- 6.12. The design incorporates north to south blocks, primarily served by windows on the east and west facades. The potential for good sunlight to east or west facing windows is lower than that for the south facing windows, but the number of north facing units, which would see little or no direct sunlight is reduced. This design provides some direct sunlight to the vast majority of units rather than good sunlight to some, with others receiving none at all. Furthermore, a number of rooms achieve high total APSH levels, with deviations in the winter sun levels. These results are wholly expected and typical for such a development due to the sun's arc angle being lower during the winter months.
- 6.13. Finally, a number of main living spaces benefit from the use and enjoyment of external amenity spaces. As mentioned in paragraph 6.9 above, these amenity spaces do limit the amount of sunlight available to the rooms beneath.
- 6.14. Whilst there are rooms which indicate deviations from the suggested targets, when considering other factors such as the orientation of the scheme and self-limiting constraints, the results should be considered in line with the overall intentions of the BRE criteria and typical for a scheme of this type.

## 7. Conclusions

- 7.1. The quality of daylight amenity within the proposed accommodation has been assessed using the ADF assessment as recommended within the BRE document 'Site layout planning' and the British Standard document BS8206 pt2. To present a worst case scenario only the ground and first floors of residential accommodation have been included within the assessment. The proportional rate of compliance can therefore be assumed to increase when the upper floors are considered.
- 7.2. The results of this assessment have shown that provision of daylight within the proposal is excellent with 86% of habitable rooms exceeding the BRE targets.
- 7.3. As would be expected for a scheme of this size, the results of the APSH sunlight assessment have shown that in some instances direct sunlight to the window face will be limited. The design of the buildings is generally north to south blocks with primary facades facing east or west. Whilst east or west facing units have a lower sunlight potential than those that are directly south facing units, this ensures that the majority of units see some direct sunlight as the number of directly north facing units is reduced.
- 7.4. In view of the fact that the targets in the BRE guide are not mandatory and are guidelines only, we feel that the provision of daylight and sunlight within the

proposed units is in accordance with the intentions of the BRE guidance and therefore local planning policy.



# Appendix 1

## Drawings

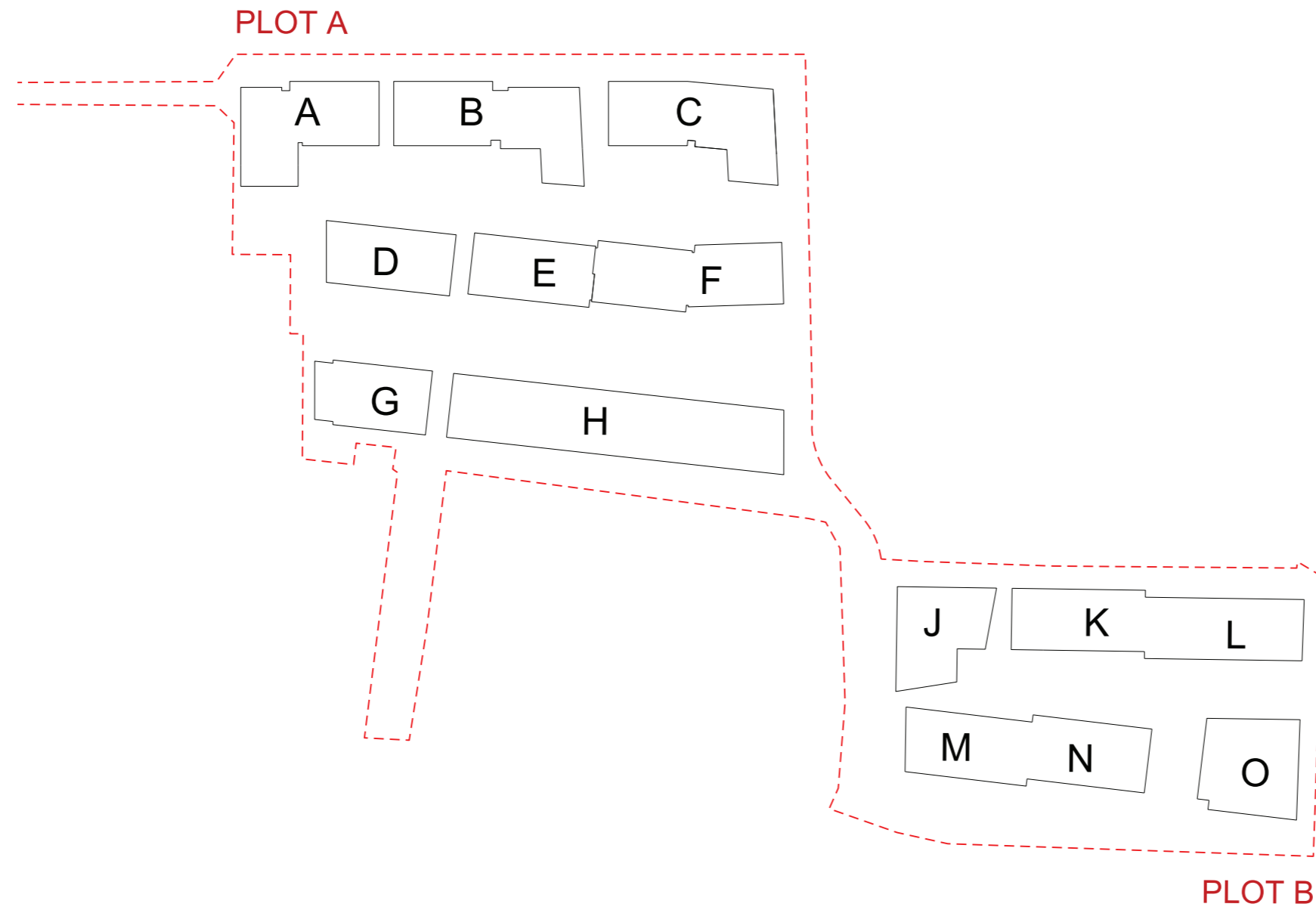
Sources of information

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Project Charlton Riverside  
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Title Block Plan

Drawn CX Checked --

Date 04/12/2017 Rel no. 08

Drawing no. 1864-ID00

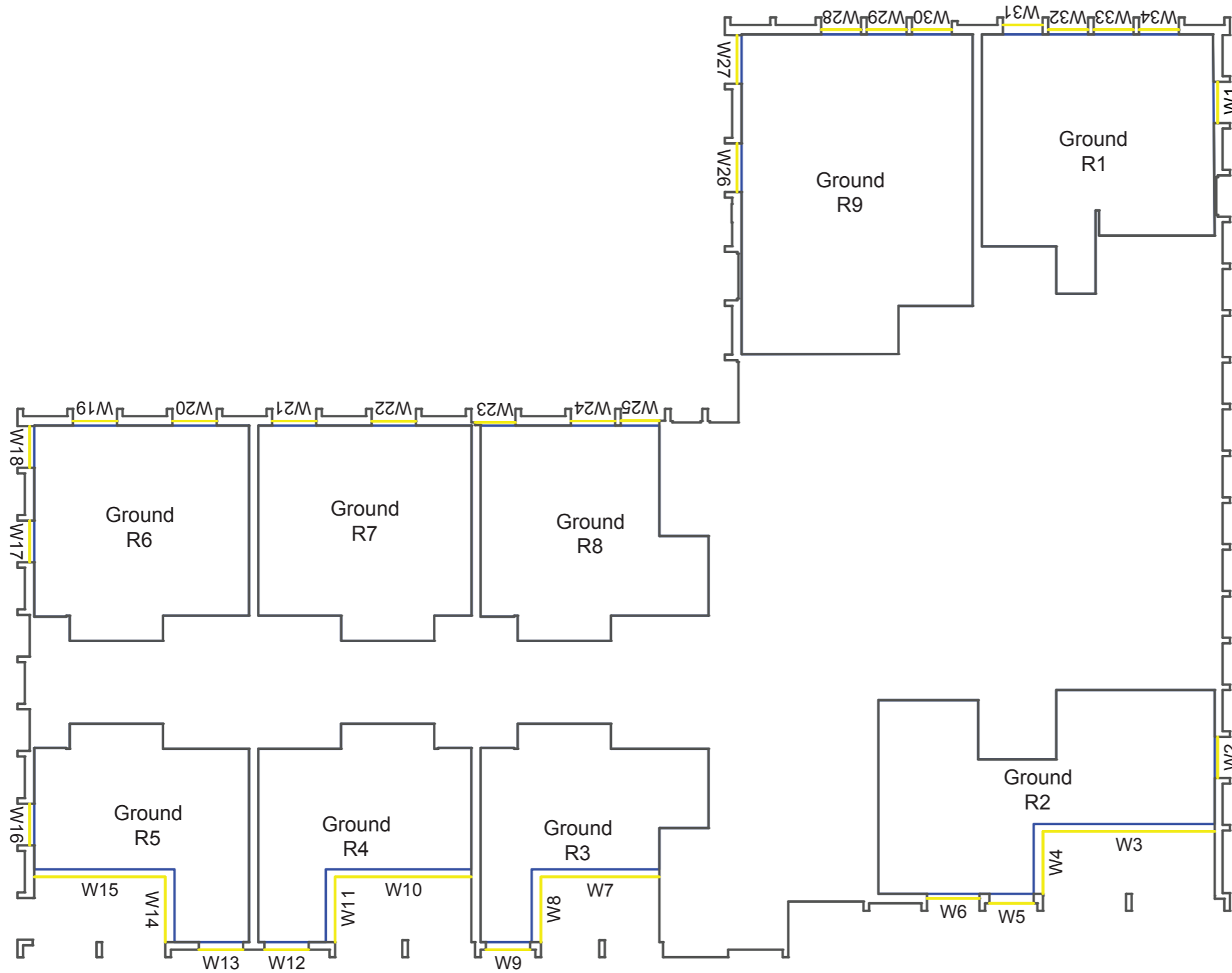
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Title Block A  
 Ground Floor  
 Room Layout

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Date 04/12/2017 Rel no. 08

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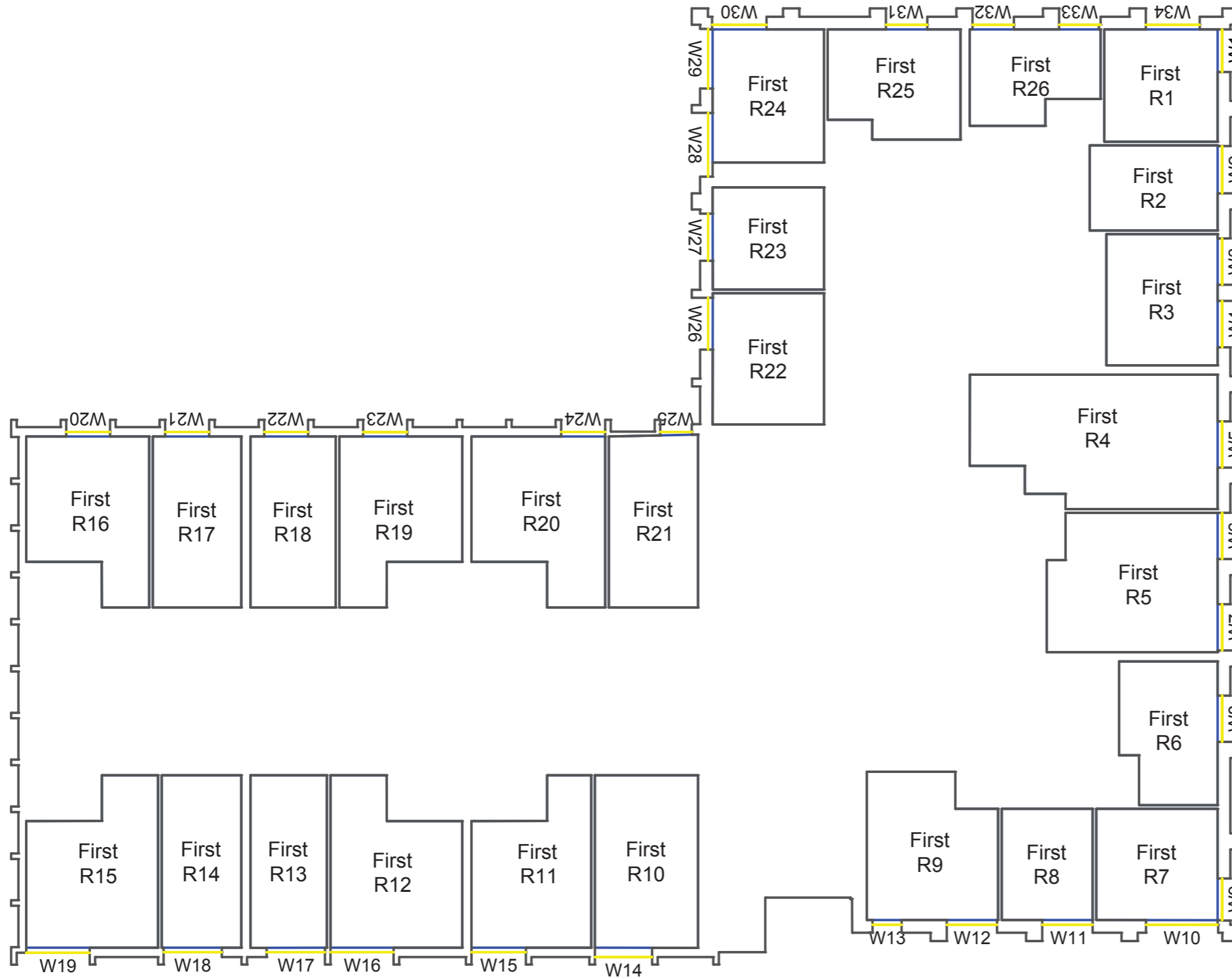
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Title Block A  
 First Floor  
 Room Layout

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Date 04/12/2017 Rel no. 08

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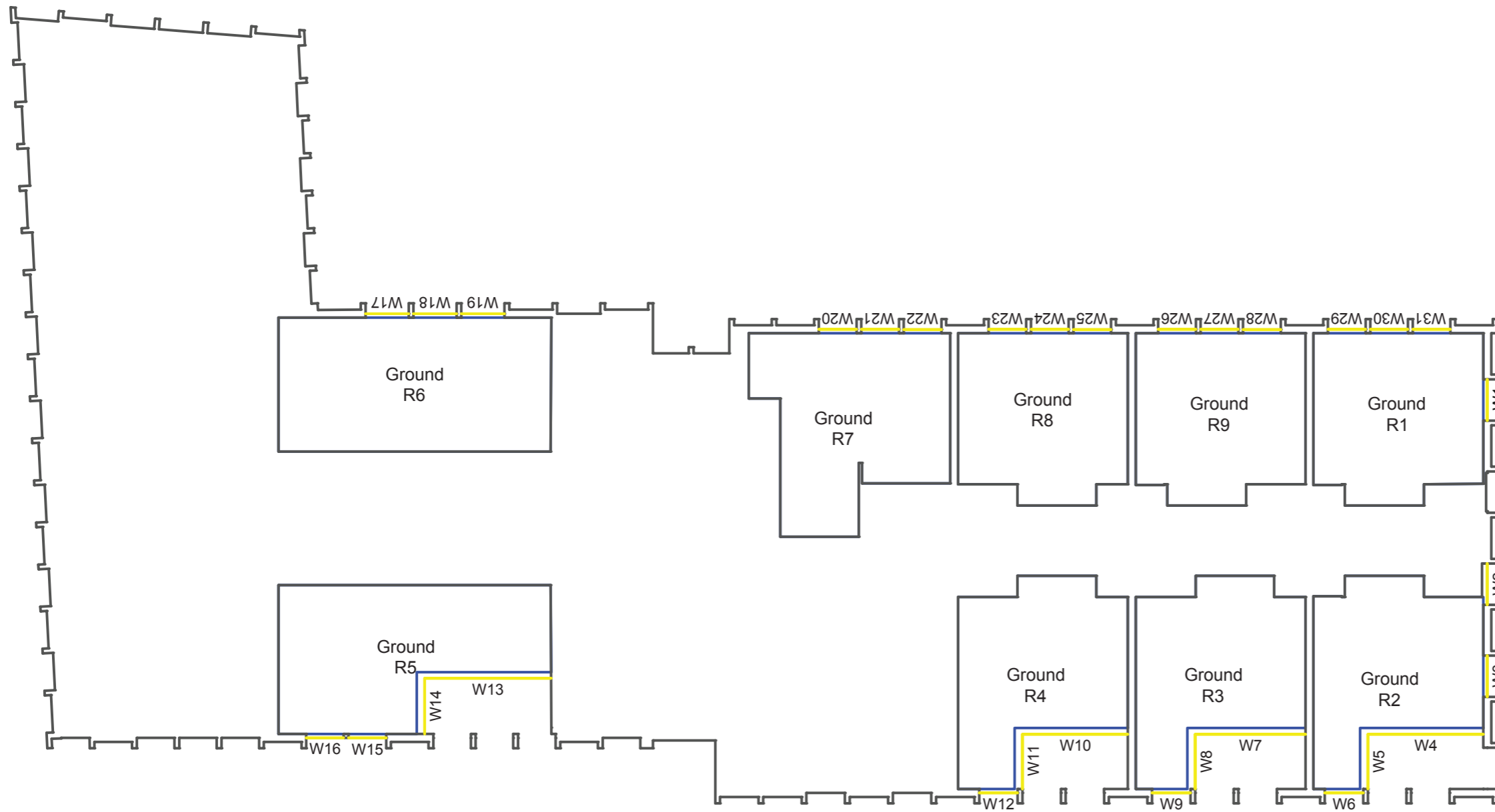
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Title Block B  
Ground Floor  
Room Layout

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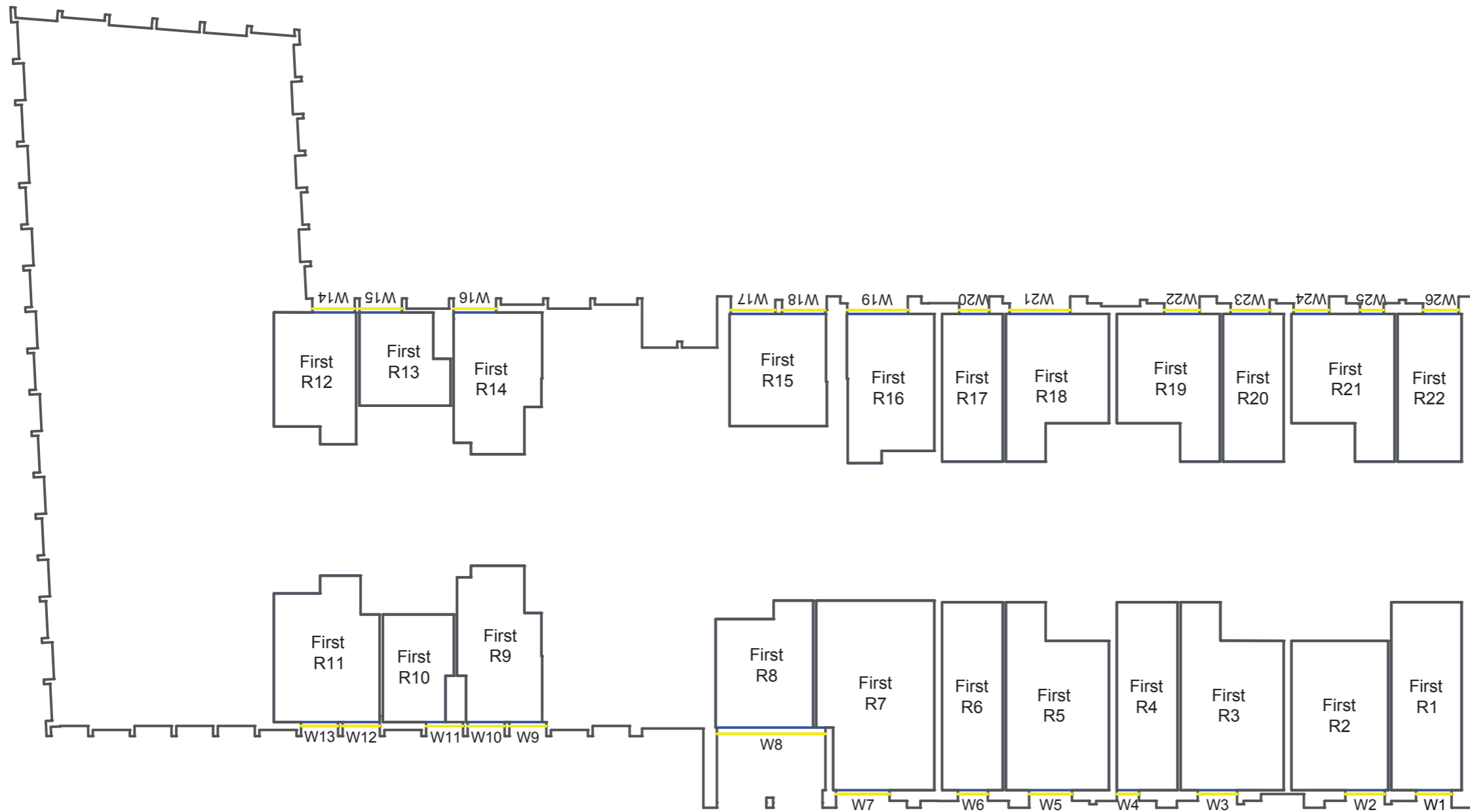
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Title Block B  
First Floor  
Room Layout

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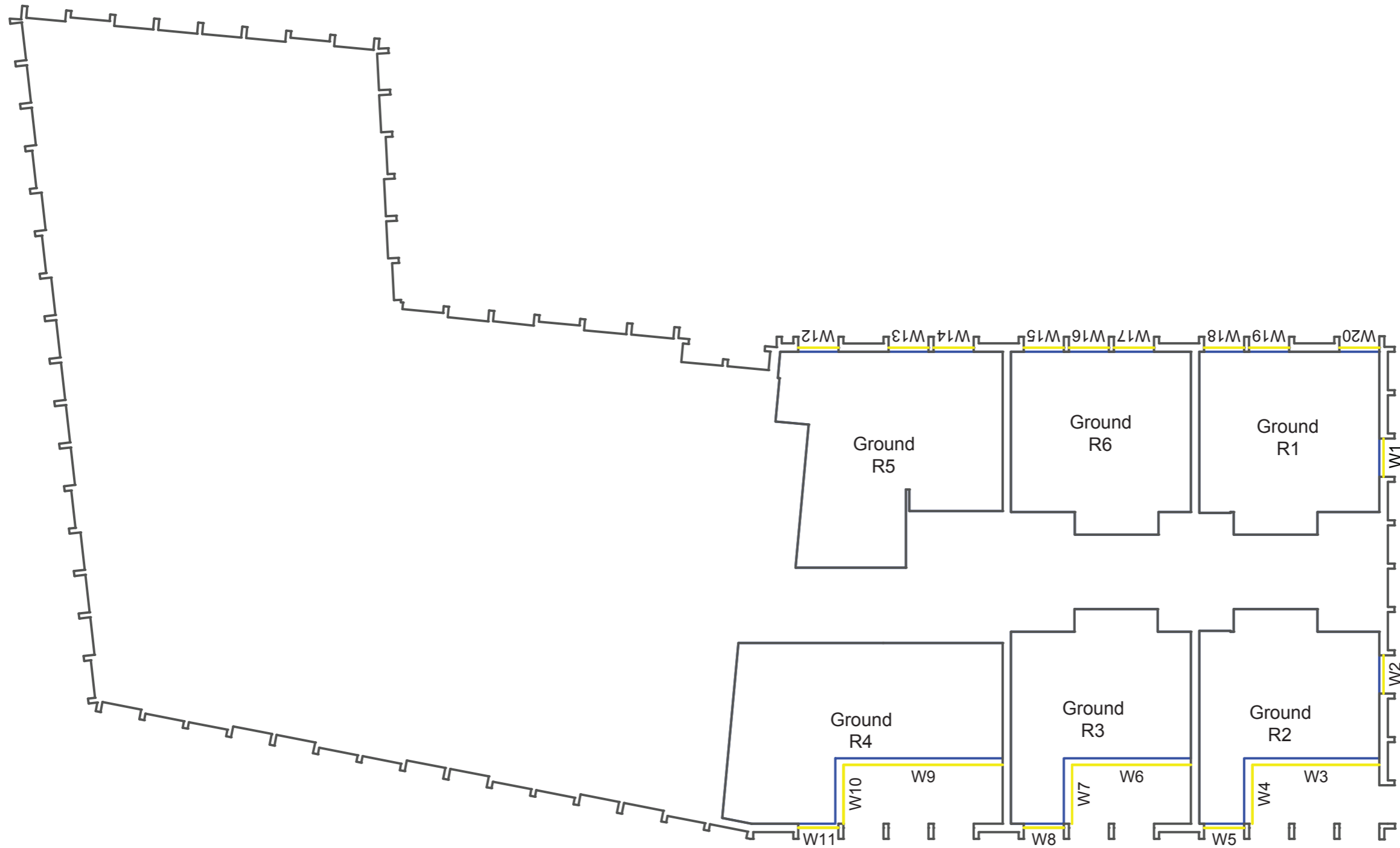
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Title Block C  
Ground Floor  
Room Layout

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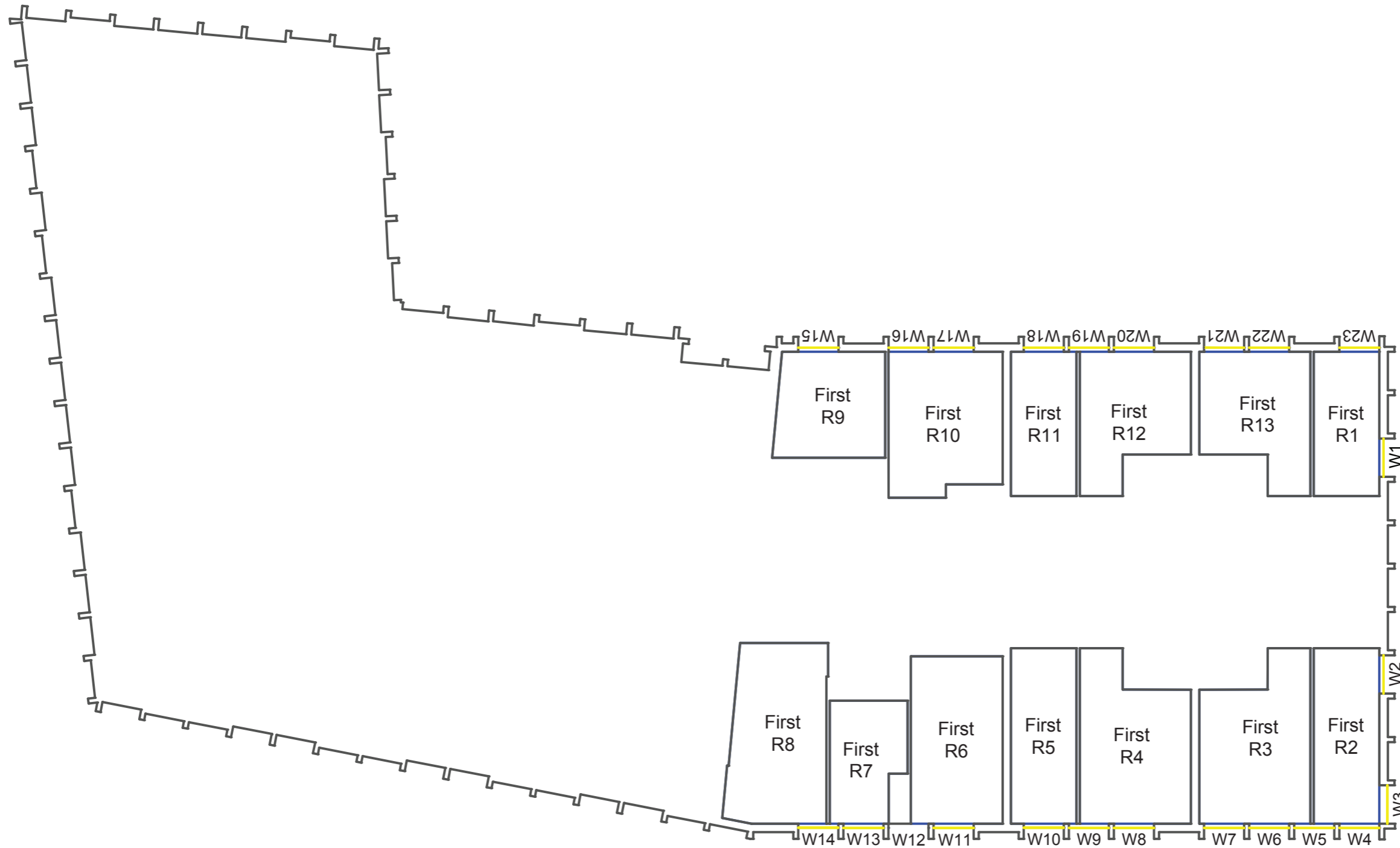
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Title Block C  
First Floor  
Room Layout

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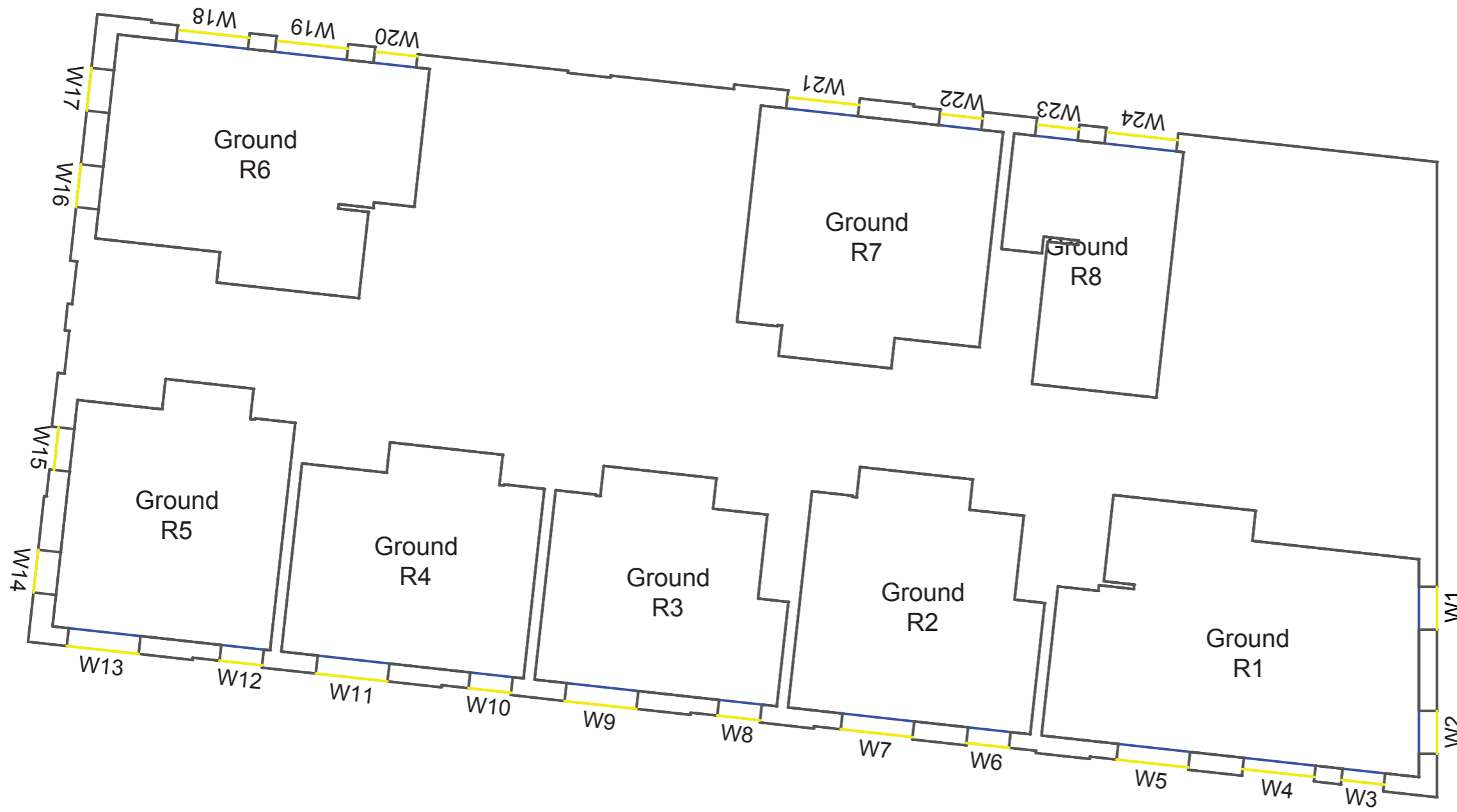
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Title Block D  
Ground Floor  
Room Layout

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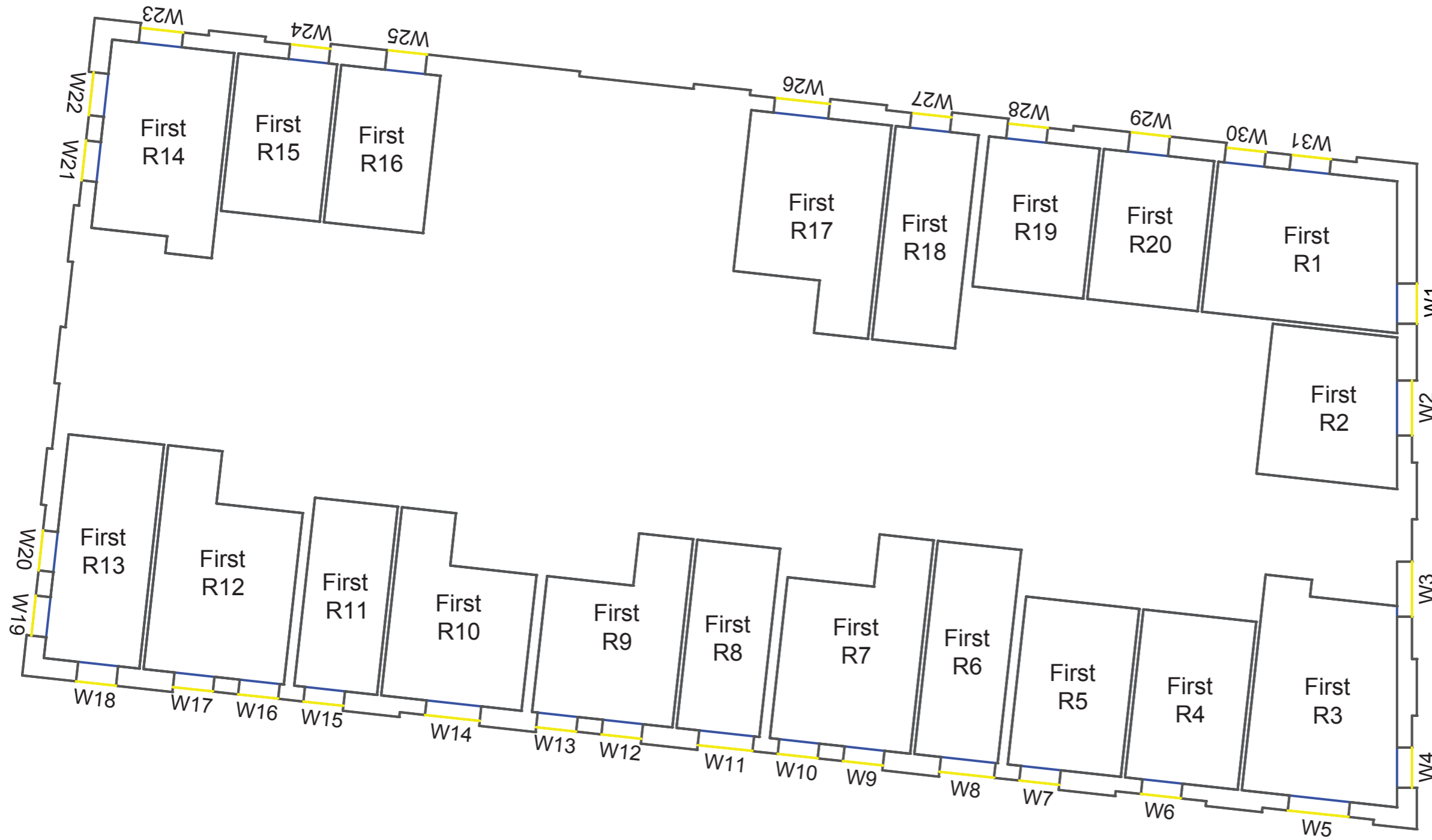
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Title Block D  
First Floor  
Room Layout

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Date 04/12/2017 Rel no. 08

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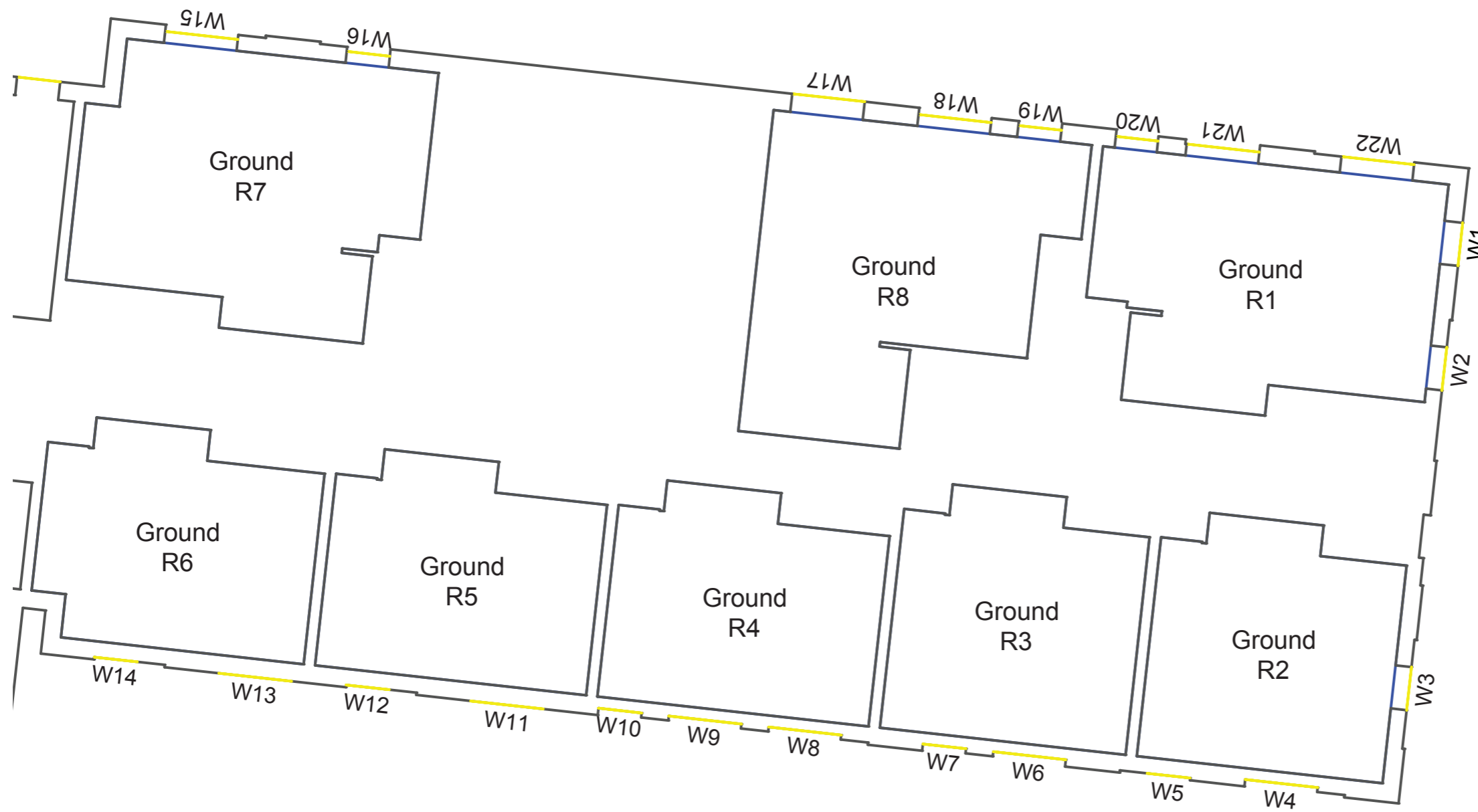
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Title Block E  
Ground Floor  
Room Layout

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Date 04/12/2017 Rel no. 08

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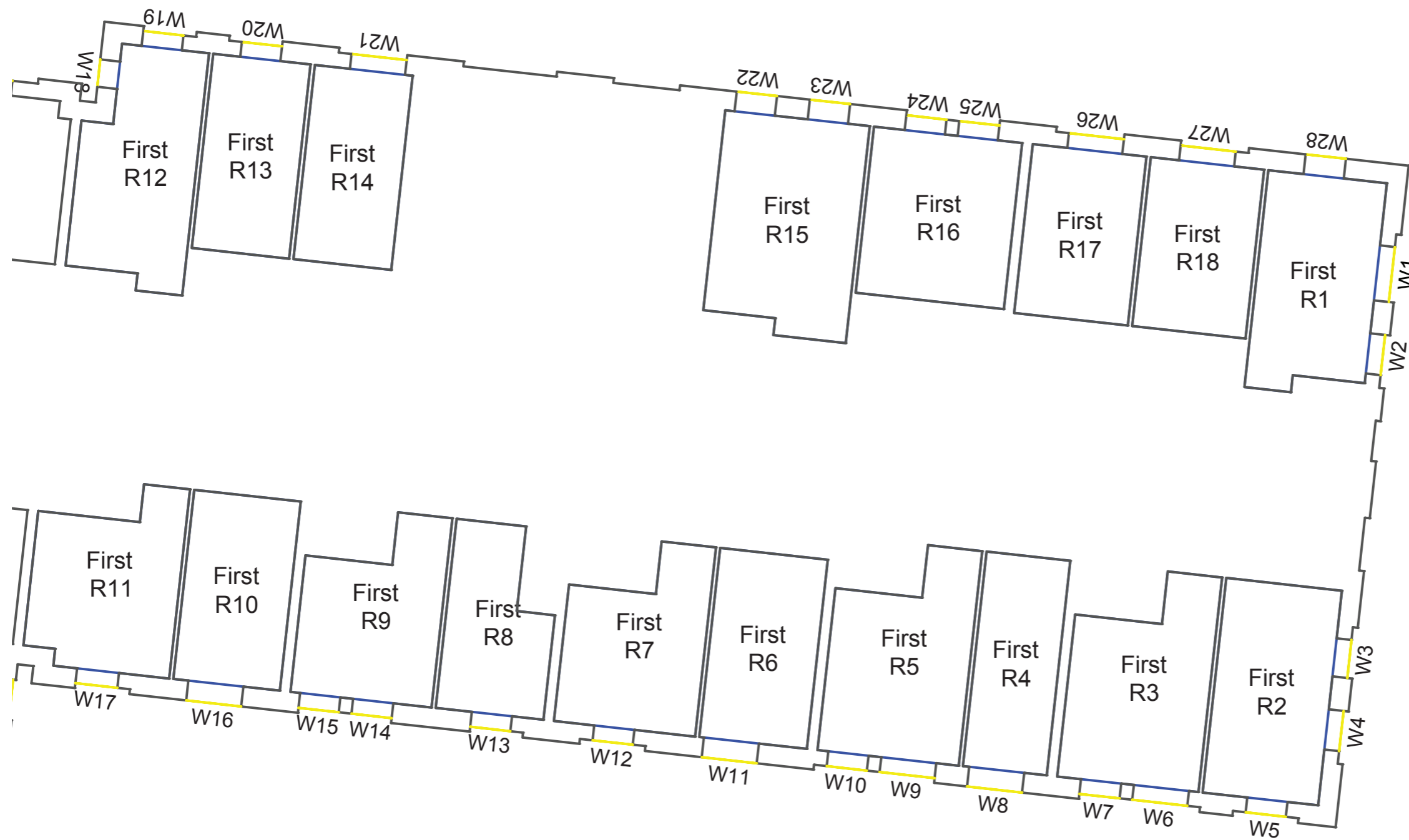
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Title Block E  
First Floor  
Room Layout

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Drawing no. 1864-ID10

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Ground Floor  
Room Layout

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Title Block F  
First Floor  
Room Layout

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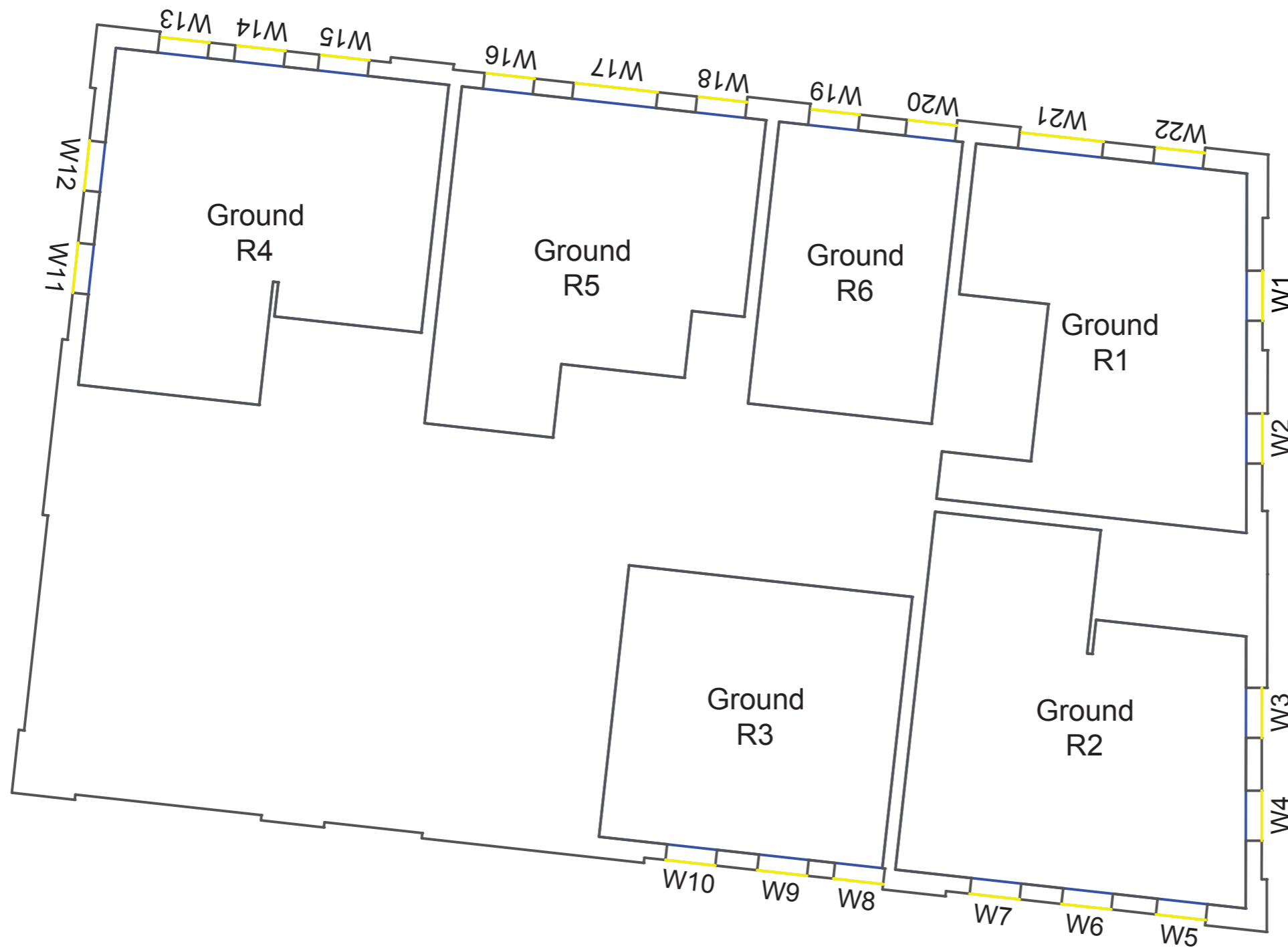
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Title Block G  
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Room Layout

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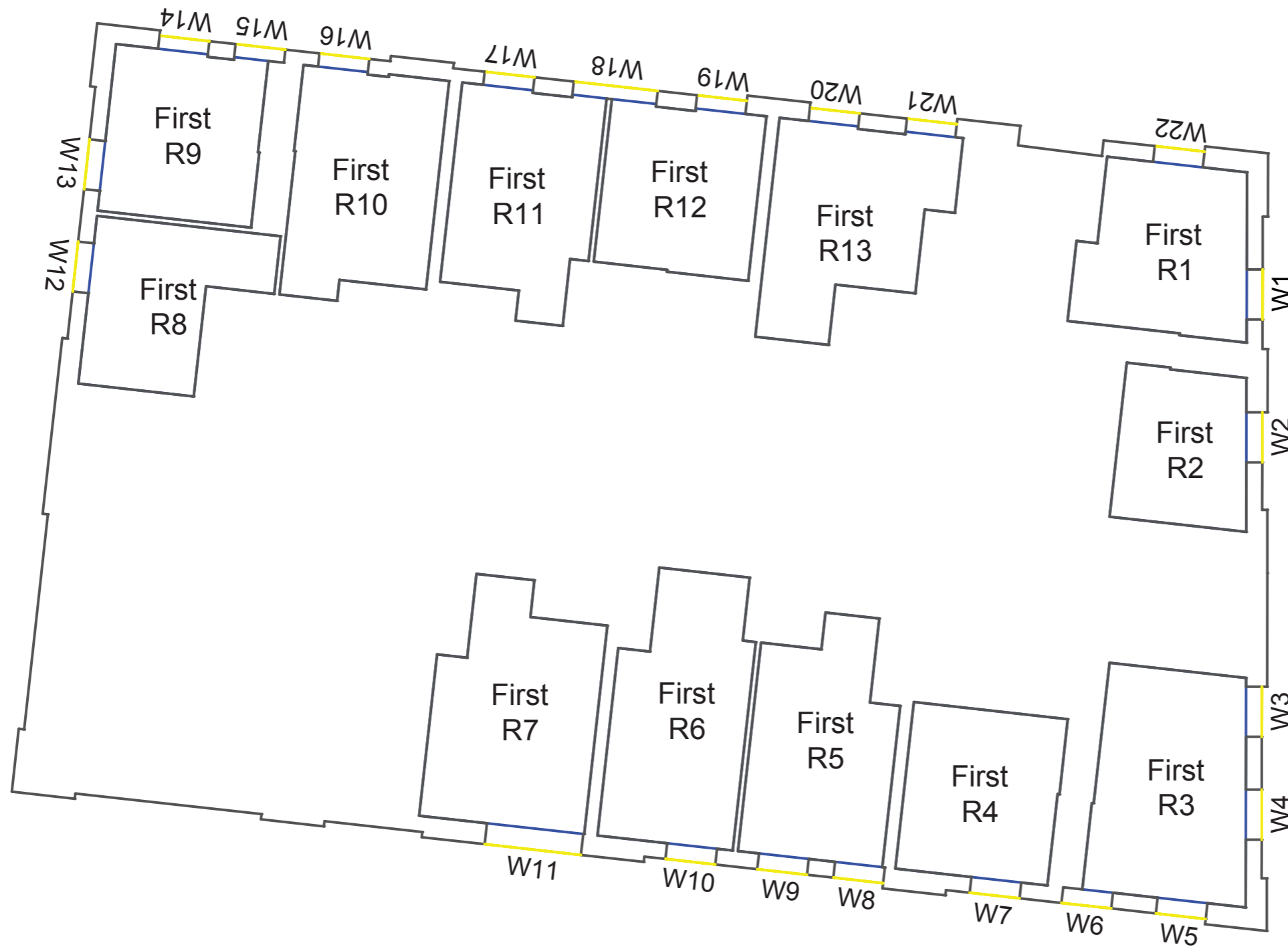
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Title Block G  
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Room Layout

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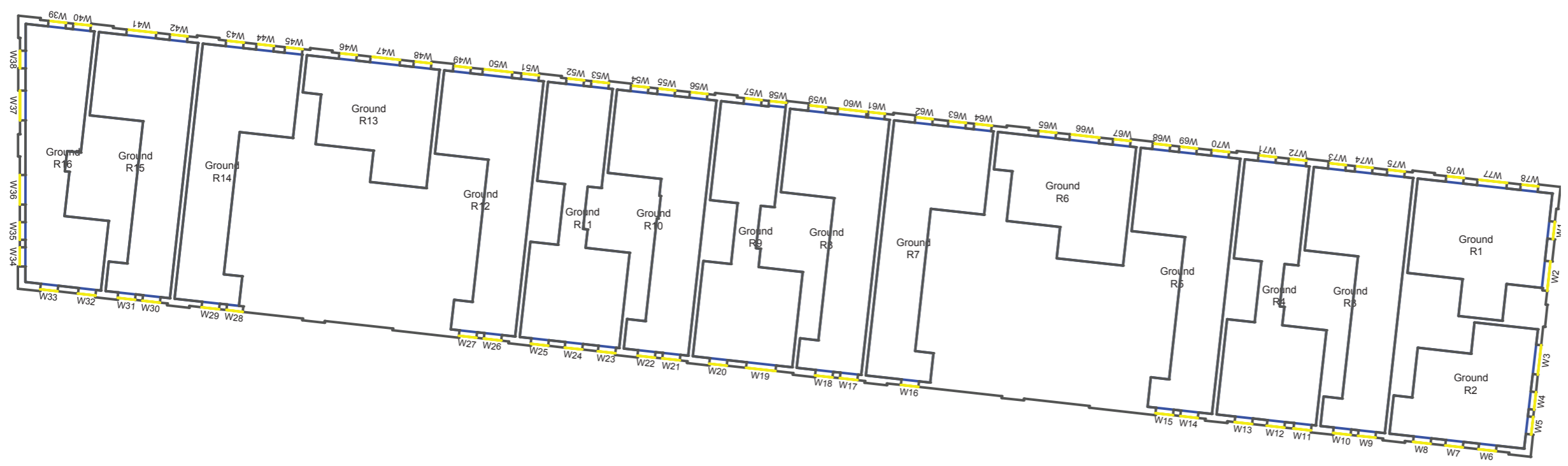
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Title Block H  
 Ground Floor  
 Room Layout

Drawn CX Checked --

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Drawing no. 1864-ID15

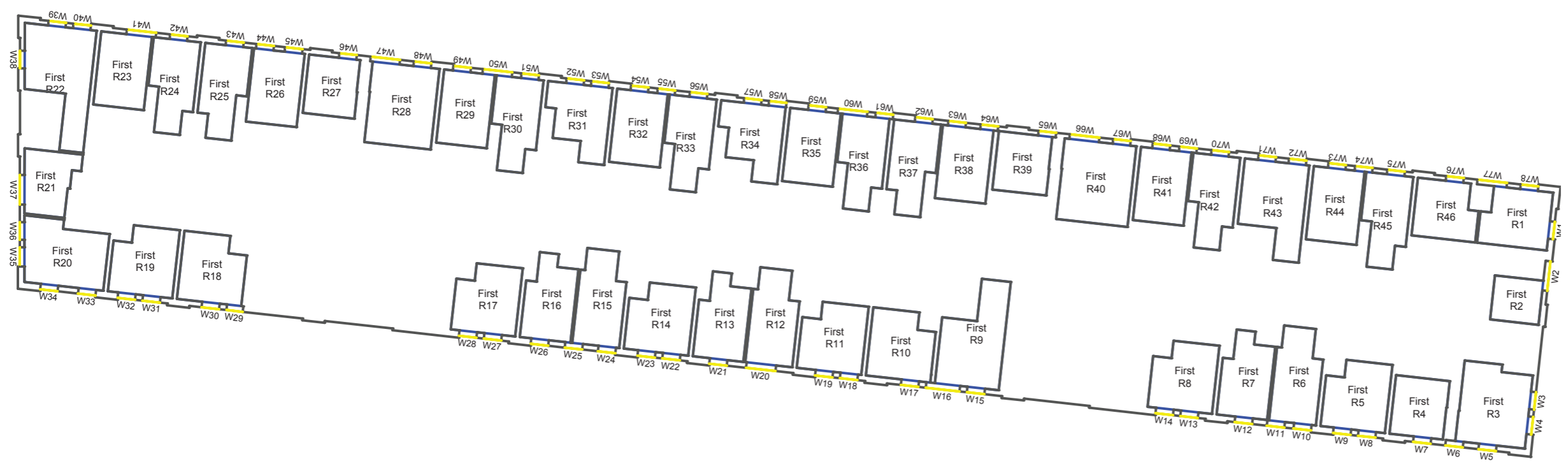
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Title Block H  
First Floor  
Room Layout

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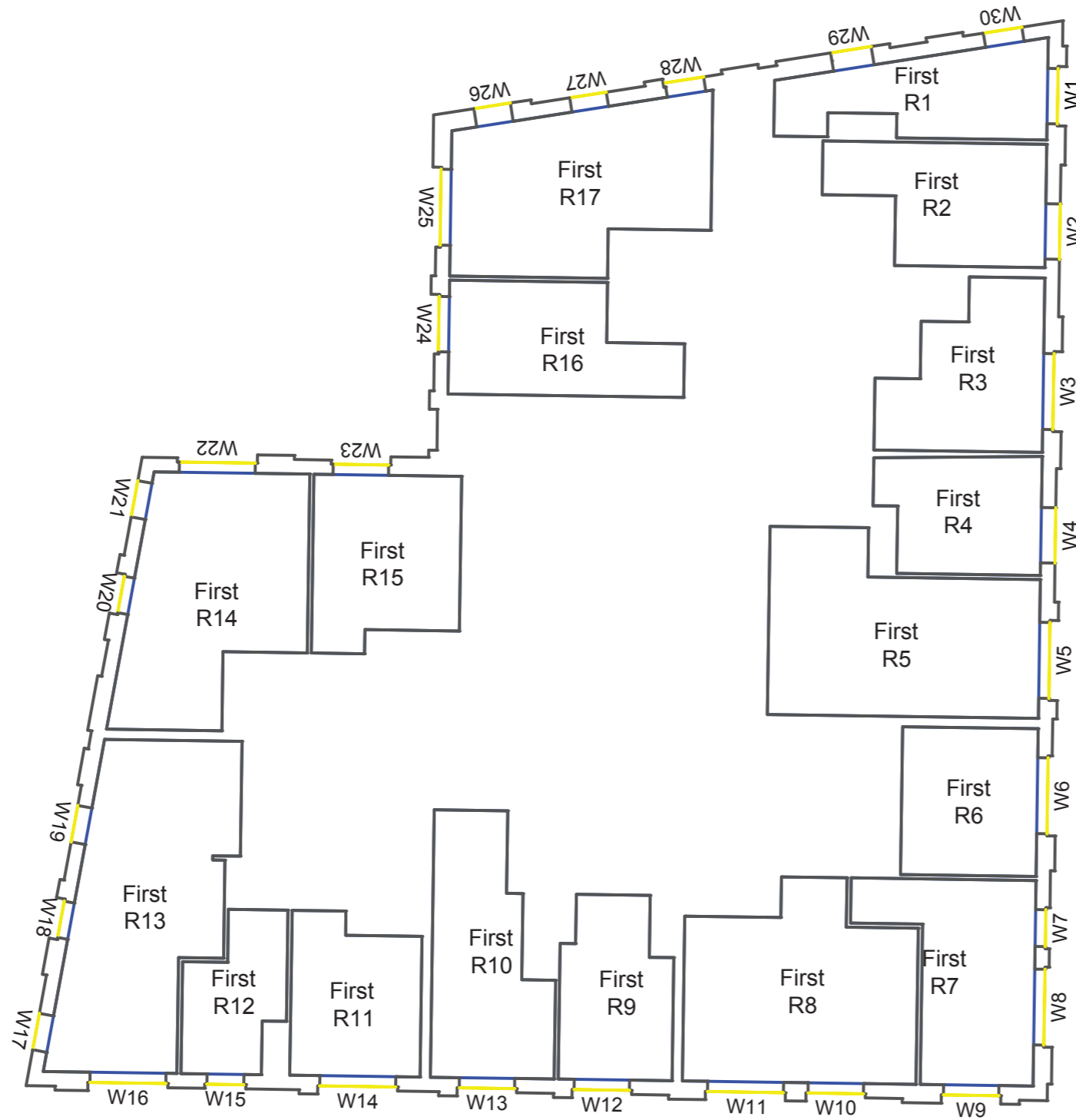
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Title Block J  
First Floor  
Room Layout

Drawn CX Checked --

Date 04/12/2017 Rel no. 08

Drawing no. 1864-ID17

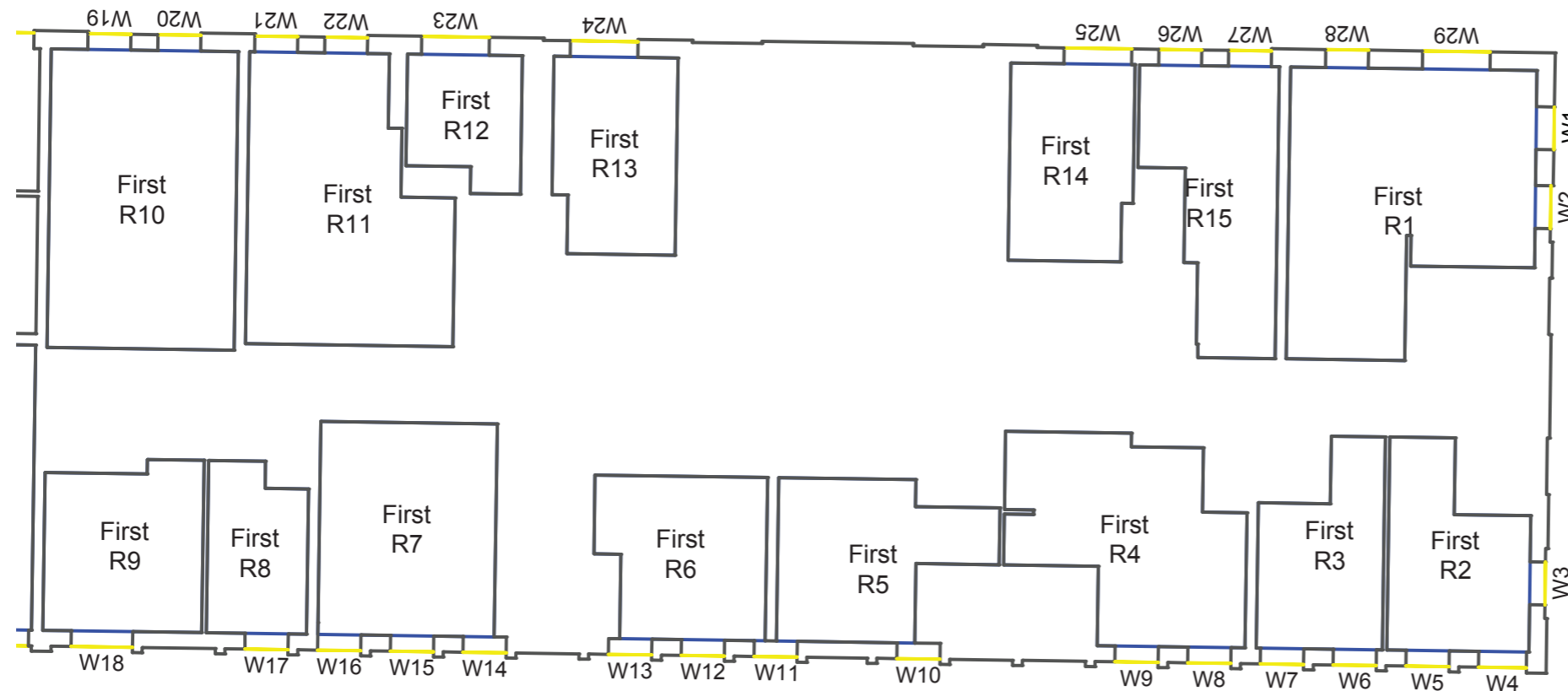
Sources of information

Simpson Haugh  
10046-Z0-G200-3\_2017-10-16.dwg  
Received 05/10/2017

Cloud10  
Charlton ROL-26-10-16-Meters.dwg  
Received 25/10/2016

Rockwell Residential  
10046-Z0-G200-3-AL\_Simple Mass-  
ing\_2017-11-16.dwg  
Received 16/11/2017  
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Site Photographs  
Ordnance Survey



Project Charlton Riverside  
London  
SE7 7RY

Title Block K  
First Floor  
Room Layout

Drawn CX Checked --

Date 04/12/2017 Rel no. 08

Drawing no. 1864-ID18

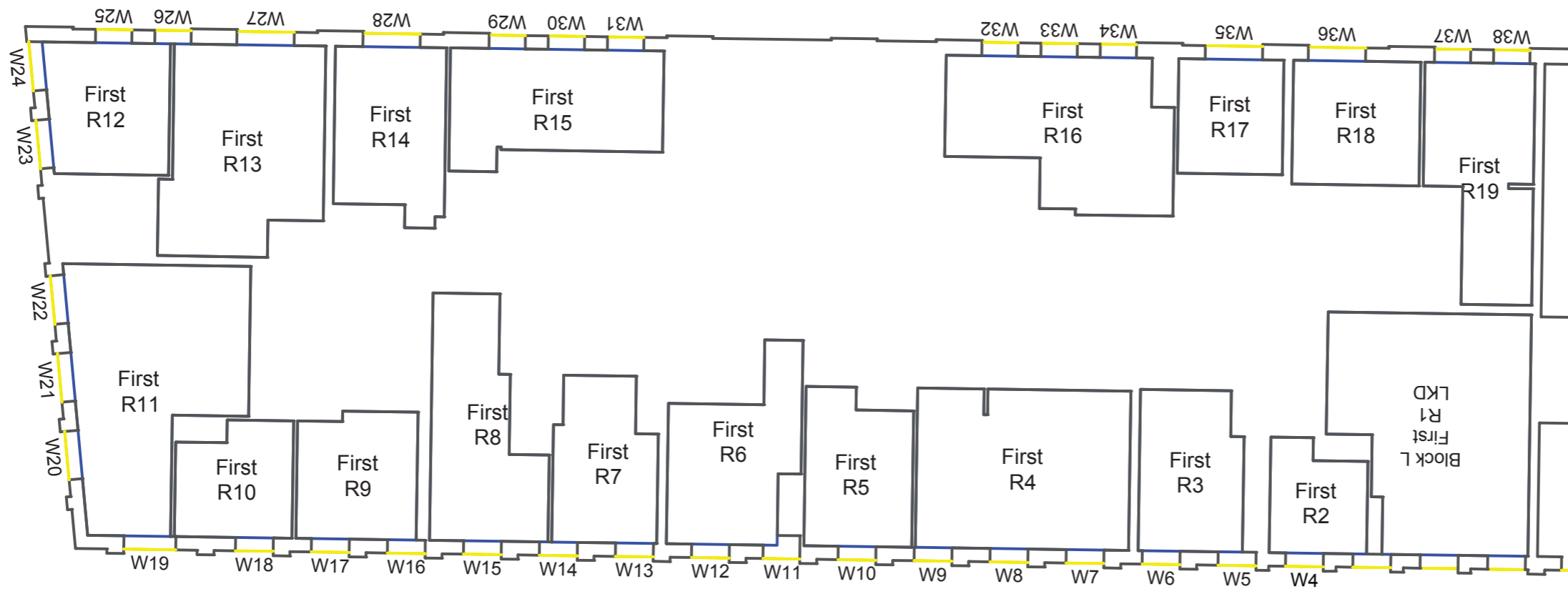
Sources of information

Simpson Haugh  
10046-Z0-G200-3\_2017-10-16.dwg  
Received 05/10/2017

Cloud10  
Charlton ROL-26-10-16-Meters.dwg  
Received 25/10/2016

Rockwell Residential  
10046-Z0-G200-3-AL\_Simple Mass-  
ing\_2017-11-16.dwg  
Received 16/11/2017  
EB7 Ltd

Site Photographs  
Ordnance Survey



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London  
SE7 7RY

Title Block L  
First Floor  
Room Layout

Drawn CX Checked --

Date 04/12/2017 Rel no. 08

Drawing no. 1864-ID19

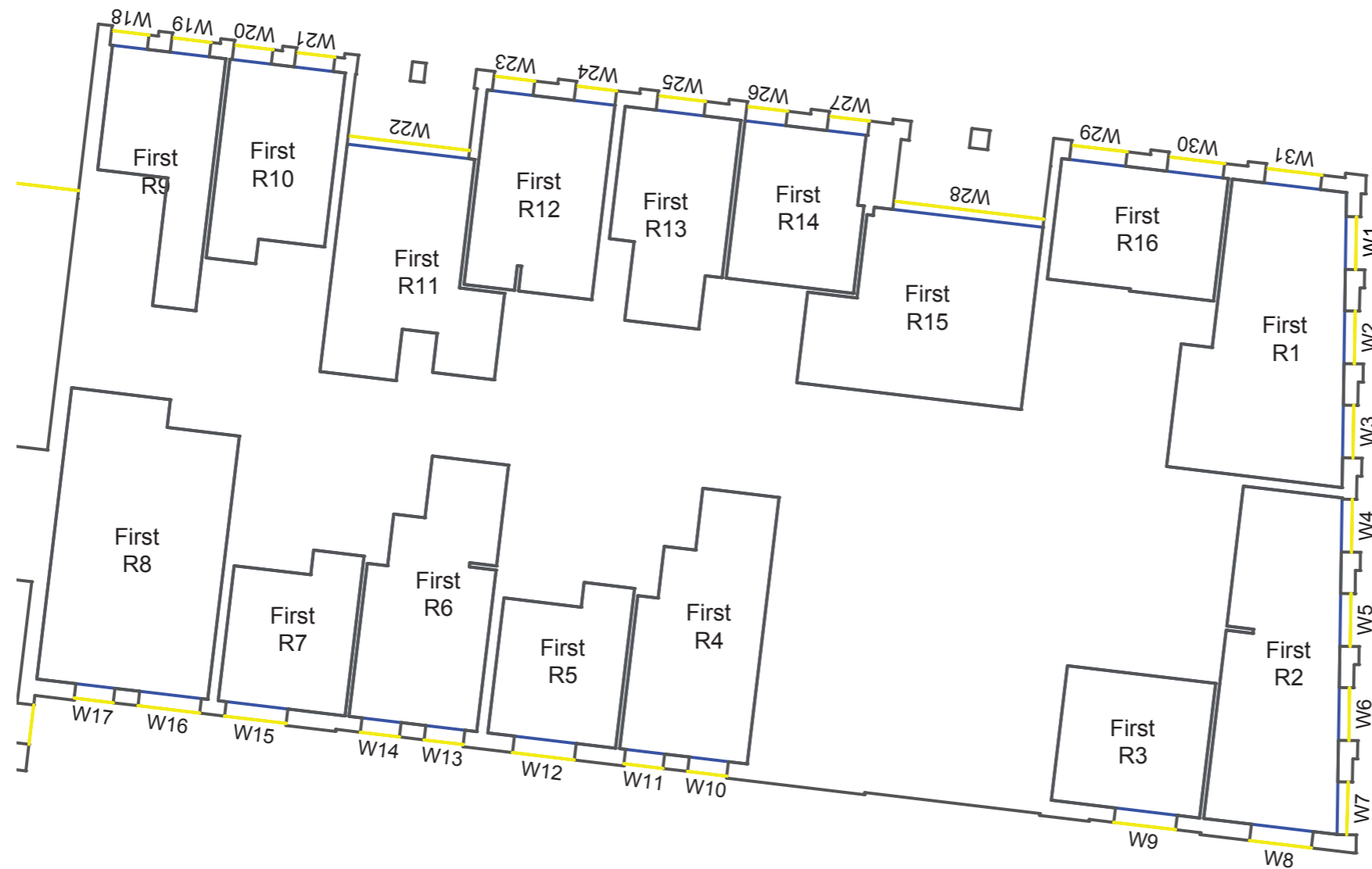
Sources of information

Simpson Haugh  
10046-Z0-G200-3\_2017-10-16.dwg  
Received 05/10/2017

Cloud10  
Charlton ROL-26-10-16-Meters.dwg  
Received 25/10/2016

Rockwell Residential  
10046-Z0-G200-3-AL\_Simple Mass-  
ing\_2017-11-16.dwg  
Received 16/11/2017  
EB7 Ltd

Site Photographs  
Ordnance Survey



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London  
SE7 7RY

Title Block M  
First Floor  
Room Layout

Drawn CX Checked --

Date 04/12/2017 Rel no. 08

Drawing no. 1864-ID20

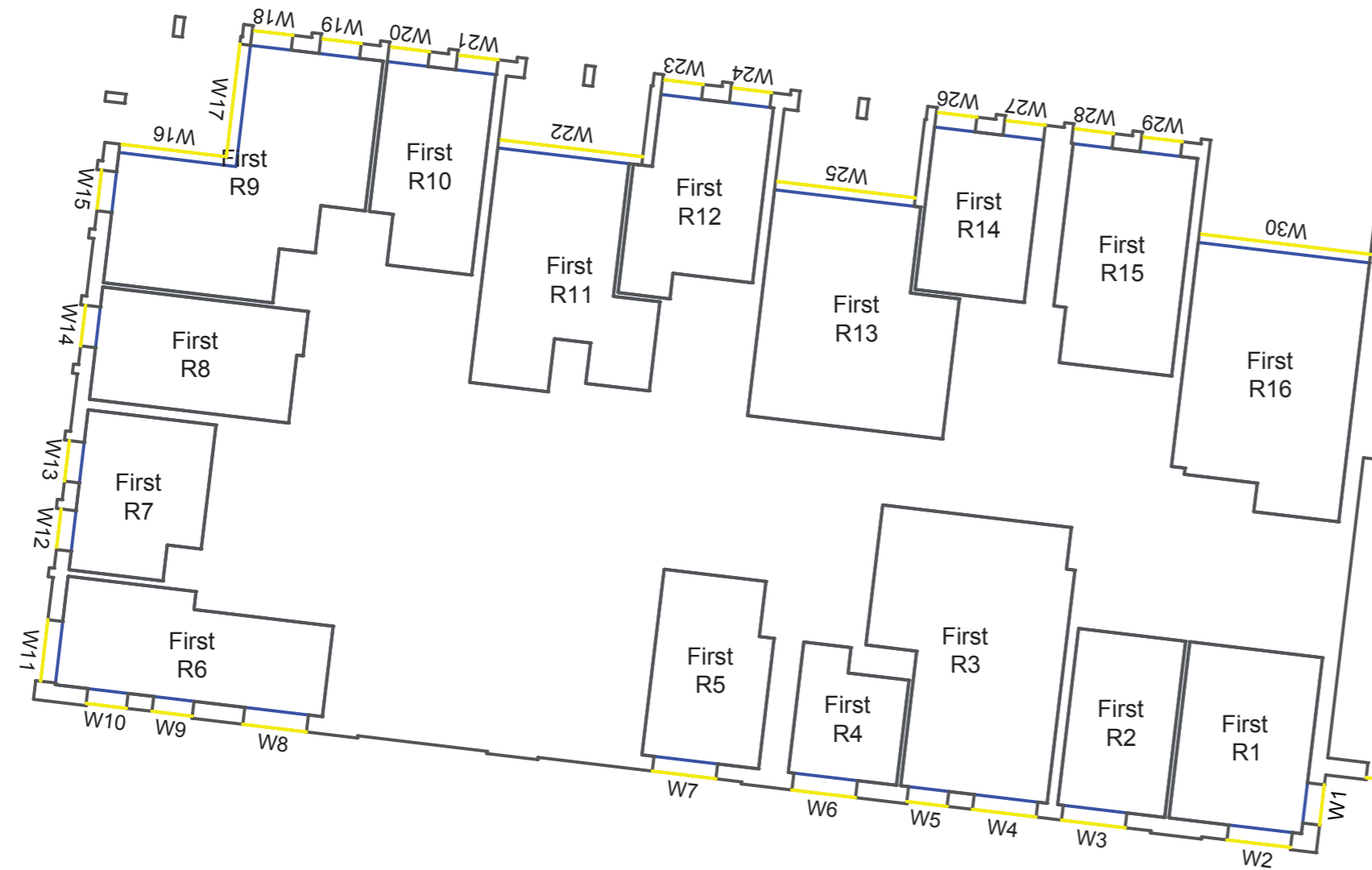
Sources of information

Simpson Haugh  
10046-Z0-G200-3\_2017-10-16.dwg  
Received 05/10/2017

Cloud10  
Charlton ROL-26-10-16-Meters.dwg  
Received 25/10/2016

Rockwell Residential  
10046-Z0-G200-3-AL\_Simple Mass-  
ing\_2017-11-16.dwg  
Received 16/11/2017  
EB7 Ltd

Site Photographs  
Ordnance Survey



NORTH



Project Charlton Riverside  
London  
SE7 7RY

Title Block N  
First Floor  
Room Layout

Drawn CX Checked --

Date 04/12/2017 Rel no. 08

Drawing no. 1864-ID21



## Appendix 2

### Results for Internal Daylight and Sunlight assessment

Floor	Room ID	Window ID	Room Use	ADF	TOTAL ADF	ROOM TOTAL APSH	ROOM WINTER APSH
<b>Block A</b>							
Ground	R1	W1-L	LKD	0.1	<b>4.3</b>	31	4
		W1-U	LKD	0.6			
		W31-L	LKD	0.2			
		W31-U	LKD	0.7			
		W32-L	LKD	0.2			
		W32-U	LKD	0.7			
		W33-L	LKD	0.2			
		W33-U	LKD	0.7			
		W34-L	LKD	0.2			
		W34-U	LKD	0.7			
Ground	R2	W2-L	LKD	0.1	<b>5.8</b>	N/A	N/A
		W2-U	LKD	0.7			
		W3-L	LKD	0.5			
		W3-U	LKD	1.4			
		W4-L	LKD	0.1			
		W4-U	LKD	0.4			
		W5-L	LKD	0.2			
		W5-U	LKD	1.0			
		W6-L	LKD	0.2			
		W6-U	LKD	1.1			
Ground	R3	W7-L	LKD	0.4	<b>4.0</b>	N/A	N/A
		W7-U	LKD	1.1			
		W8-L	LKD	0.2			
		W8-U	LKD	0.6			
		W9-L	LKD	0.3			
		W9-U	LKD	1.4			
Ground	R4	W10-L	LKD	0.5	<b>4.0</b>	N/A	N/A
		W10-U	LKD	1.1			
		W11-L	LKD	0.2			
		W11-U	LKD	0.6			
		W12-L	LKD	0.3			
		W12-U	LKD	1.4			
Ground	R5	W13-L	LKD	0.3	<b>3.9</b>	25	4
		W13-U	LKD	1.4			
		W14-L	LKD	0.2			
		W14-U	LKD	0.4			
		W15-L	LKD	0.5			
		W15-U	LKD	0.9			
		W16-L	LKD	0.1			
		W16-U	LKD	0.3			
Ground	R6	W17-L	LKD	0.0	<b>2.3</b>	20	4
		W17-U	LKD	0.2			
		W18-L	LKD	0.1			
		W18-U	LKD	0.3			
		W19-L	LKD	0.1			
		W19-U	LKD	0.7			
		W20-L	LKD	0.1			
		W20-U	LKD	0.6			
Ground	R7	W21-L	LKD	0.1	<b>1.7</b>	14	0
		W21-U	LKD	0.7			
		W22-L	LKD	0.2			
		W22-U	LKD	0.7			
Ground	R8	W23-L	LKD	0.1	<b>2.0</b>	20	2
		W23-U	LKD	0.6			
		W24-L	LKD	0.1			
		W24-U	LKD	0.6			
		W25-L	LKD	0.1			
		W25-U	LKD	0.5			
Ground	R9	W26-L	LKD	0.1			
		W26-U	LKD	0.4			

Floor	Room ID	Window ID	Room Use	ADF	TOTAL ADF	ROOM TOTAL APSH	ROOM WINTER APSH
		W27-L	LKD	0.1			
		W27-U	LKD	0.4			
		W28-L	LKD	0.1			
		W28-U	LKD	0.5			
		W29-L	LKD	0.1			
		W29-U	LKD	0.5			
		W30-L	LKD	0.1			
		W30-U	LKD	0.6	<b>3.0</b>	53	12
First	R1	W1-L	Bedroom	0.5			
		W1-U	Bedroom	2.6			
		W34-L	Bedroom	0.8			
		W34-U	Bedroom	3.4	<b>7.3</b>	32	5
First	R2	W2-L	Bedroom	0.6			
		W2-U	Bedroom	2.8	<b>3.4</b>	N/A	N/A
First	R3	W3-L	Bedroom	0.4			
		W3-U	Bedroom	2.1			
		W4-L	Bedroom	0.4			
		W4-U	Bedroom	2.0	<b>4.9</b>	N/A	N/A
First	R4	W5-L	LKD	0.2			
		W5-U	LKD	1.1	<b>1.3</b>	N/A	N/A
First	R5	W6-L	Bedroom	0.3			
		W6-U	Bedroom	1.2			
		W7-L	Bedroom	0.3			
		W7-U	Bedroom	0.9	<b>2.6</b>	N/A	N/A
First	R6	W8-L	Bedroom	0.5			
		W8-U	Bedroom	2.5	<b>3.0</b>	N/A	N/A
First	R7	W9-L	Bedroom	0.6			
		W9-U	Bedroom	2.5			
		W10-L	Bedroom	1.0			
		W10-U	Bedroom	3.1	<b>7.2</b>	N/A	N/A
First	R8	W11-L	Bedroom	0.8			
		W11-U	Bedroom	3.1	<b>3.9</b>	N/A	N/A
First	R9	W12-L	Bedroom	0.6			
		W12-U	Bedroom	2.6			
		W13-L	Bedroom	0.3			
		W13-U	Bedroom	1.4	<b>4.9</b>	N/A	N/A
First	R10	W14-L	Bedroom	0.7			
		W14-U	Bedroom	2.6	<b>3.3</b>	N/A	N/A
First	R11	W15-L	Bedroom	0.6			
		W15-U	Bedroom	2.3	<b>2.9</b>	N/A	N/A
First	R12	W16-L	Bedroom	0.6			
		W16-U	Bedroom	2.4	<b>3.0</b>	N/A	N/A
First	R13	W17-L	Bedroom	0.8			
		W17-U	Bedroom	3.0	<b>3.7</b>	N/A	N/A
First	R14	W18-L	Bedroom	0.8			
		W18-U	Bedroom	2.9	<b>3.6</b>	N/A	N/A
First	R15	W19-L	Bedroom	0.6			
		W19-U	Bedroom	2.4	<b>3.0</b>	N/A	N/A
First	R16	W20-L	Bedroom	0.3			
		W20-U	Bedroom	0.9	<b>1.2</b>	12	2
First	R17	W21-L	Bedroom	0.3			
		W21-U	Bedroom	0.8	<b>1.0</b>	11	0

Floor	Room ID	Window ID	Room Use	ADF	TOTAL ADF	ROOM TOTAL AP SH	ROOM WINTER AP SH
First	R18	W22-L	Bedroom	0.3	1.2	7	0
		W22-U	Bedroom	1.0			
First	R19	W23-L	Bedroom	0.3	1.3	13	0
		W23-U	Bedroom	1.0			
First	R20	W24-L	Bedroom	0.2	0.9	6	2
		W24-U	Bedroom	0.7			
First	R21	W25-L	Bedroom	0.2	0.9	11	2
		W25-U	Bedroom	0.7			
First	R22	W26-L	Bedroom	0.4	2.0	21	8
		W26-U	Bedroom	1.6			
First	R23	W27-L	Bedroom	0.4	2.3	22	8
		W27-U	Bedroom	1.9			
First	R24	W28-L	Bedroom	0.5	7.4	45	11
		W28-U	Bedroom	2.2			
		W29-L	Bedroom	0.5			
		W29-U	Bedroom	2.0			
		W30-L	Bedroom	0.5			
		W30-U	Bedroom	1.7			
First	R25	W31-L	Bedroom	0.5	2.8	28	4
		W31-U	Bedroom	2.3			
First	R26	W32-L	Bedroom	0.6	6.6	31	5
		W32-U	Bedroom	2.7			
		W33-L	Bedroom	0.6			
		W33-U	Bedroom	2.7			
<b>Block B</b>							
Ground	R1	W1-L	LKD	0.1	3.1	14	2
		W1-U	LKD	0.6			
		W29-L	LKD	0.1			
		W29-U	LKD	0.7			
		W30-L	LKD	0.1			
		W30-U	LKD	0.6			
		W31-L	LKD	0.1			
		W31-U	LKD	0.7			
Ground	R2	W3-L	LKD	0.1	4.6	N/A	N/A
		W3-U	LKD	0.5			
		W4-L	LKD	0.4			
		W4-U	LKD	1.3			
		W5-L	LKD	0.1			
		W5-U	LKD	0.6			
		W6-L	LKD	0.2			
		W6-U	LKD	1.1			
		W2-L	LKD	0.1			
		W2-U	LKD	0.2			
Ground	R3	W7-L	LKD	0.3	3.1	N/A	N/A
		W7-U	LKD	0.8			
		W8-L	LKD	0.1			
		W8-U	LKD	0.5			
		W9-L	LKD	0.2			
		W9-U	LKD	1.1			
Ground	R4	W10-L	LKD	0.3	2.9	N/A	N/A
		W10-U	LKD	0.7			
		W11-L	LKD	0.1			
		W11-U	LKD	0.5			
		W12-L	LKD	0.2			
		W12-U	LKD	1.1			
Ground	R5	W13-L	LKD	0.4			

Floor	Room ID	Window ID	Room Use	ADF	TOTAL ADF	ROOM TOTAL APSH	ROOM WINTER APSH
		W13-U	LKD	0.9			
		W14-L	LKD	0.1			
		W14-U	LKD	0.4			
		W15-L	LKD	0.2			
		W15-U	LKD	1.1			
		W16-L	LKD	0.2			
		W16-U	LKD	1.1	<b>4.3</b>	N/A	N/A
Ground	R6	W17-L	LKD	0.1			
		W17-U	LKD	0.6			
		W18-L	LKD	0.1			
		W18-U	LKD	0.7			
		W19-L	LKD	0.1			
		W19-U	LKD	0.7	<b>2.3</b>	8	0
Ground	R7	W20-L	LKD	0.1			
		W20-U	LKD	0.7			
		W21-L	LKD	0.1			
		W21-U	LKD	0.7			
		W22-L	LKD	0.1			
		W22-U	LKD	0.7	<b>2.5</b>	21	2
Ground	R8	W23-L	LKD	0.1			
		W23-U	LKD	0.8			
		W24-L	LKD	0.1			
		W24-U	LKD	0.7			
		W25-L	LKD	0.1			
		W25-U	LKD	0.7	<b>2.6</b>	20	2
Ground	R9	W26-L	LKD	0.1			
		W26-U	LKD	0.7			
		W27-L	LKD	0.1			
		W27-U	LKD	0.7			
		W28-L	LKD	0.1			
		W28-U	LKD	0.7	<b>2.6</b>	16	2
First	R1	W1-L	Bedroom	0.4			
		W1-U	Bedroom	1.8	<b>2.2</b>	N/A	N/A
First	R2	W2-L	Bedroom	0.5			
		W2-U	Bedroom	2.1	<b>2.6</b>	N/A	N/A
First	R3	W3-L	Bedroom	0.4			
		W3-U	Bedroom	1.8	<b>2.1</b>	N/A	N/A
First	R4	W4-L	Bedroom	0.3			
		W4-U	Bedroom	1.2	<b>1.5</b>	N/A	N/A
First	R5	W5-L	Bedroom	0.4			
		W5-U	Bedroom	1.9	<b>2.3</b>	N/A	N/A
First	R6	W6-L	Bedroom	0.4			
		W6-U	Bedroom	1.7	<b>2.1</b>	N/A	N/A
First	R7	W7-L	LKD	0.4			
		W7-U	LKD	2.1	<b>2.5</b>	N/A	N/A
First	R8	W8-L	Bedroom	0.8			
		W8-U	Bedroom	2.2	<b>3.0</b>	N/A	N/A
First	R9	W9-L	Bedroom	0.3			
		W9-U	Bedroom	1.0			
		W10-L	Bedroom	0.3			
		W10-U	Bedroom	1.0	<b>2.6</b>	N/A	N/A
First	R10	W11-L	Bedroom	0.6			
		W11-U	Bedroom	2.0	<b>2.5</b>	N/A	N/A
First	R11	W12-L	Bedroom	0.4			
		W12-U	Bedroom	1.6			

Floor	Room ID	Window ID	Room Use	ADF	TOTAL ADF	ROOM TOTAL APSH	ROOM WINTER APSH
		W13-L	Bedroom	0.4			
		W13-U	Bedroom	1.7	<b>4.1</b>	N/A	N/A
First	R12	W14-L	Bedroom	0.3			
		W14-U	Bedroom	1.0	<b>1.3</b>	3	0
First	R13	W15-L	Bedroom	0.4			
		W15-U	Bedroom	1.4	<b>1.8</b>	4	0
First	R14	W16-L	Bedroom	0.3			
		W16-U	Bedroom	1.0	<b>1.3</b>	12	0
First	R15	W17-L	Bedroom	0.4			
		W17-U	Bedroom	1.9			
		W18-L	Bedroom	0.4			
		W18-U	Bedroom	1.8	<b>4.6</b>	20	2
First	R16	W19-L	Bedroom	0.5			
		W19-U	Bedroom	2.4	<b>3.0</b>	23	5
First	R17	W20-L	Bedroom	0.3			
		W20-U	Bedroom	1.2	<b>1.5</b>	21	2
First	R18	W21-L	Bedroom	0.3			
		W21-U	Bedroom	0.7	<b>1.0</b>	7	5
First	R19	W22-L	Bedroom	0.2			
		W22-U	Bedroom	1.0	<b>1.3</b>	15	2
First	R20	W23-L	Bedroom	0.4			
		W23-U	Bedroom	1.7	<b>2.1</b>	15	4
First	R21	W24-L	Bedroom	0.2			
		W24-U	Bedroom	1.1			
		W25-L	Bedroom	0.1			
		W25-U	Bedroom	0.4	<b>1.8</b>	14	3
First	R22	W26-L	Bedroom	0.2			
		W26-U	Bedroom	0.5	<b>0.7</b>	2	1
<b>Block C</b>							
Ground	R1	W1-L	LKD	0.1			
		W1-U	LKD	0.3			
		W18-L	LKD	0.1			
		W18-U	LKD	0.7			
		W19-L	LKD	0.2			
		W19-U	LKD	0.7			
		W20-L	LKD	0.2			
		W20-U	LKD	0.7	<b>2.8</b>	13	0
Ground	R2	W2-L	LKD	0.1			
		W2-U	LKD	0.4			
		W3-L	LKD	0.6			
		W3-U	LKD	1.4			
		W4-L	LKD	0.1			
		W4-U	LKD	0.4			
		W5-L	LKD	0.3			
		W5-U	LKD	1.3	<b>4.6</b>	N/A	N/A
Ground	R3	W6-L	LKD	0.5			
		W6-U	LKD	1.3			
		W7-L	LKD	0.1			
		W7-U	LKD	0.4			
		W8-L	LKD	0.3			
		W8-U	LKD	1.3	<b>3.9</b>	N/A	N/A
Ground	R4	W9-L	LKD	0.5			
		W9-U	LKD	1.5			
		W10-L	LKD	0.1			

Floor	Room ID	Window ID	Room Use	ADF	TOTAL ADF	ROOM TOTAL APSH	ROOM WINTER APSH		
Ground	R5	W10-U	LKD	0.4	<b>3.8</b>	N/A	N/A		
		W11-L	LKD	0.2					
		W11-U	LKD	1.0					
		Ground	R6	W12-L	LKD	0.1	<b>2.1</b>	13	2
				W12-U	LKD	0.5			
				W13-L	LKD	0.1			
				W13-U	LKD	0.6			
W14-L	LKD			0.1					
W14-U	LKD			0.6					
First	R1			W15-L	LKD	0.2			
		W15-U	LKD	0.7					
		W16-L	LKD	0.2					
		W16-U	LKD	0.7					
		W17-L	LKD	0.1					
		W17-U	LKD	0.6					
		First	R2	W1-L	Bedroom	0.1	<b>2.6</b>	15	0
W1-U	Bedroom			0.5					
W23-L	Bedroom			0.4					
W23-U	Bedroom			1.6					
First	R3	W2-L	Bedroom	0.2	<b>9.2</b>	N/A	N/A		
		W2-U	Bedroom	0.8					
		W3-L	Bedroom	0.3					
		W3-U	Bedroom	1.4					
		W4-L	Bedroom	0.6					
		W4-U	Bedroom	2.6					
		W5-L	Bedroom	0.6					
		W5-U	Bedroom	2.7					
First	R4	W6-L	Bedroom	0.4	<b>4.9</b>	N/A	N/A		
		W6-U	Bedroom	2.0					
		W7-L	Bedroom	0.4					
		W7-U	Bedroom	2.0					
First	R5	W8-L	Bedroom	0.4	<b>5.0</b>	N/A	N/A		
		W8-U	Bedroom	2.0					
		W9-L	Bedroom	0.4					
		W9-U	Bedroom	2.1					
First	R6	W10-L	Bedroom	0.6	<b>3.3</b>	N/A	N/A		
		W10-U	Bedroom	2.7					
First	R7	W11-L	Bedroom	0.5	<b>2.8</b>	N/A	N/A		
		W11-U	Bedroom	2.3					
First	R8	W13-L	Bedroom	0.7	<b>4.2</b>	N/A	N/A		
		W13-U	Bedroom	3.4					
First	R9	W14-L	Bedroom	0.4	<b>2.5</b>	N/A	N/A		
		W14-U	Bedroom	2.1					
First	R10	W15-L	Bedroom	0.3	<b>1.7</b>	9	0		
		W15-U	Bedroom	1.4					
First	R11	W16-L	Bedroom	0.3	<b>2.7</b>	10	1		
		W16-U	Bedroom	1.1					
		W17-L	Bedroom	0.3					
		W17-U	Bedroom	1.1					
First	R12	W18-L	Bedroom	0.3	<b>1.7</b>	12	0		
		W18-U	Bedroom	1.3					
First	R12	W19-L	Bedroom	0.2	<b>1.3</b>	10	0		
		W19-U	Bedroom	0.7					
		W20-L	Bedroom	0.2					
		W20-U	Bedroom	0.2					

Floor	Room ID	Window ID	Room Use	ADF	TOTAL ADF	ROOM TOTAL APSH	ROOM WINTER APSH
First	R13	W21-L	Bedroom	0.2	2.6	11	0
		W21-U	Bedroom	1.0			
		W22-L	Bedroom	0.3			
		W22-U	Bedroom	1.2			
<b>Block D</b>							
Ground	R1	W1-L	LKD	0.1	2.3	N/A	N/A
		W1-U	LKD	0.8			
		W2-L	LKD	0.1			
		W2-U	LKD	0.8			
		W3-L	LKD	0.1			
		W3-U	LKD	0.1			
		W4-L	LKD	0.0			
		W4-U	LKD	0.2			
		W5-L	LKD	0.0			
		W5-U	LKD	0.2			
Ground	R2	W6-L	LKD	0.1	1.0	N/A	N/A
		W6-U	LKD	0.3			
		W7-L	LKD	0.1			
		W7-U	LKD	0.6			
Ground	R3	W8-L	LKD	0.1	1.2	N/A	N/A
		W8-U	LKD	0.4			
		W9-L	LKD	0.1			
		W9-U	LKD	0.7			
Ground	R4	W10-L	LKD	0.1	1.0	N/A	N/A
		W10-U	LKD	0.3			
		W11-L	LKD	0.1			
		W11-U	LKD	0.5			
Ground	R5	W12-L	LKD	0.1	1.2	5	0
		W12-U	LKD	0.3			
		W13-L	LKD	0.1			
		W13-U	LKD	0.4			
		W14	LKD	0.2			
		W15	LKD	0.0			
Ground	R6	W16	LKD	0.1	3.4	20	7
		W17	LKD	0.3			
		W18-L	LKD	0.1			
		W18-U	LKD	1.0			
		W19-L	LKD	0.1			
		W19-U	LKD	1.0			
		W20-L	LKD	0.1			
		W20-U	LKD	0.6			
Ground	R7	W21-L	LKD	0.1	2.4	17	2
		W21-U	LKD	1.3			
		W22-L	LKD	0.1			
		W22-U	LKD	0.8			
Ground	R8	W23-L	LKD	0.2	3.4	21	3
		W23-U	LKD	1.1			
		W24-L	LKD	0.2			
		W24-U	LKD	1.9			
First	R1	W1-L	Living Room	0.4	5.3	20	1
		W1-U	Living Room	2.0			
		W30-L	Living Room	0.3			
		W30-U	Living Room	1.1			
		W31-L	Living Room	0.3			
		W31-U	Living Room	1.3			
First	R2	W2-L	Bedroom	0.7	4.1	N/A	N/A
		W2-U	Bedroom	3.4			
First	R3	W4-L	Bedroom	0.3			

Floor	Room ID	Window ID	Room Use	ADF	TOTAL ADF	ROOM TOTAL APSH	ROOM WINTER APSH
		W4-U	Bedroom	1.6			
		W5-L	Bedroom	0.2			
		W5-U	Bedroom	1.1			
		W3-L	Bedroom	0.5			
		W3-U	Bedroom	2.4	<b>6.1</b>	N/A	N/A
First	R4	W6-L	Bedroom	0.1			
		W6-U	Bedroom	0.3	<b>0.4</b>	N/A	N/A
First	R5	W7-L	Bedroom	0.2			
		W7-U	Bedroom	0.7	<b>0.9</b>	N/A	N/A
First	R6	W8-L	Bedroom	0.2			
		W8-U	Bedroom	0.6	<b>0.8</b>	N/A	N/A
First	R7	W9-L	Bedroom	0.2			
		W9-U	Bedroom	0.7			
		W10-L	Bedroom	0.2			
		W10-U	Bedroom	0.8	<b>1.8</b>	N/A	N/A
First	R8	W11-L	Bedroom	0.3			
		W11-U	Bedroom	1.3	<b>1.6</b>	N/A	N/A
First	R9	W12-L	Bedroom	0.2			
		W12-U	Bedroom	0.6			
		W13-L	Bedroom	0.2			
		W13-U	Bedroom	0.8	<b>1.7</b>	N/A	N/A
First	R10	W14-L	Bedroom	0.3			
		W14-U	Bedroom	1.4	<b>1.7</b>	N/A	N/A
First	R11	W15-L	Bedroom	0.2			
		W15-U	Bedroom	1.2	<b>1.4</b>	N/A	N/A
First	R12	W16-L	Bedroom	0.1			
		W16-U	Bedroom	0.6			
		W17-L	Bedroom	0.1			
		W17-U	Bedroom	0.2	<b>1.0</b>	N/A	N/A
First	R13	W18-L	Bedroom	0.2			
		W18-U	Bedroom	0.8			
		W19-L	Bedroom	0.2			
		W19-U	Bedroom	0.8			
		W20-L	Bedroom	0.1			
		W20-U	Bedroom	0.7	<b>2.8</b>	8	0
First	R14	W21-L	Bedroom	0.1			
		W21-U	Bedroom	0.7			
		W22-L	Bedroom	0.2			
		W22-U	Bedroom	0.9			
		W23-L	Bedroom	0.3			
		W23-U	Bedroom	1.6	<b>3.9</b>	21	2
First	R15	W24-L	Bedroom	0.4			
		W24-U	Bedroom	1.9	<b>2.3</b>	20	4
First	R16	W25-L	Bedroom	0.4			
		W25-U	Bedroom	1.4	<b>1.8</b>	16	2
First	R17	W26-L	Bedroom	0.3			
		W26-U	Bedroom	1.3	<b>1.6</b>	15	2
First	R18	W27-L	Bedroom	0.3			
		W27-U	Bedroom	1.7	<b>2.1</b>	14	1
First	R19	W28-L	Bedroom	0.4			
		W28-U	Bedroom	2.2	<b>2.6</b>	21	0
First	R20	W29-L	Bedroom	0.4			
		W29-U	Bedroom	2.2	<b>2.6</b>	26	2

Floor	Room ID	Window ID	Room Use	ADF	TOTAL ADF	ROOM TOTAL APSH	ROOM WINTER APSH
<b>Block E</b>							
Ground	R1	W1	LKD	0.2	3.0	16	3
		W2	LKD	0.1			
		W20-L	LKD	0.1			
		W20-U	LKD	0.5			
		W21-L	LKD	0.1			
		W21-U	LKD	0.9			
		W22-L	LKD	0.1			
		W22-U	LKD	1.0			
Ground	R2	W3-L	LKD	0.0	0.5	N/A	N/A
		W3-U	LKD	0.1			
		W4-L	LKD	0.1			
		W4-U	LKD	0.1			
		W5-L	LKD	0.1			
		W5-U	LKD	0.0			
Ground	R3	W6-L	LKD	0.1	0.4	N/A	N/A
		W6-U	LKD	0.1			
		W7-L	LKD	0.1			
		W7-U	LKD	0.0			
Ground	R4	W8-L	LKD	0.2	0.8	N/A	N/A
		W8-U	LKD	0.1			
		W9-L	LKD	0.2			
		W9-U	LKD	0.2			
		W10-L	LKD	0.1			
		W10-U	LKD	0.1			
Ground	R5	W11-L	LKD	0.2	0.7	N/A	N/A
		W11-U	LKD	0.2			
		W12-L	LKD	0.1			
		W12-U	LKD	0.2			
Ground	R6	W13-L	LKD	0.2	0.9	N/A	N/A
		W13-U	LKD	0.3			
		W14-L	LKD	0.1			
		W14-U	LKD	0.3			
Ground	R7	W15-L	LKD	0.1	1.6	17	2
		W15-U	LKD	0.9			
		W16-L	LKD	0.1			
		W16-U	LKD	0.5			
Ground	R8	W17-L	LKD	0.1	2.5	13	2
		W17-U	LKD	0.9			
		W18-L	LKD	0.1			
		W18-U	LKD	0.9			
		W19-L	LKD	0.1			
		W19-U	LKD	0.5			
First	R1	W1-L	Bedroom	0.2	2.6	7	0
		W1-U	Bedroom	0.9			
		W2-L	Bedroom	0.1			
		W2-U	Bedroom	0.4			
		W28-L	Bedroom	0.2			
		W28-U	Bedroom	0.8			
First	R2	W3-L	Bedroom	0.1	2.5	N/A	N/A
		W3-U	Bedroom	0.4			
		W4-L	Bedroom	0.1			
		W4-U	Bedroom	0.6			
		W5-L	Bedroom	0.2			
		W5-U	Bedroom	1.1			
First	R3	W6-L	Bedroom	0.3			
		W6-U	Bedroom	1.5			
		W7-L	Bedroom	0.2			

Floor	Room ID	Window ID	Room Use	ADF	TOTAL ADF	ROOM TOTAL APSH	ROOM WINTER APSH
		W7-U	Bedroom	1.0	2.9	N/A	N/A
First	R4	W8-L	Bedroom	0.3			
		W8-U	Bedroom	1.8	2.1	N/A	N/A
First	R5	W9-L	Bedroom	0.2			
		W9-U	Bedroom	1.2			
		W10-L	Bedroom	0.2			
		W10-U	Bedroom	0.7	2.4	N/A	N/A
First	R6	W11-L	Bedroom	0.3			
		W11-U	Bedroom	0.7	0.9	N/A	N/A
First	R7	W12-L	Bedroom	0.2			
		W12-U	Bedroom	0.9	1.1	N/A	N/A
First	R8	W13-L	Bedroom	0.2			
		W13-U	Bedroom	0.6	0.8	N/A	N/A
First	R9	W14-L	Bedroom	0.2			
		W14-U	Bedroom	1.0			
		W15-L	Bedroom	0.2			
		W15-U	Bedroom	1.1	2.5	N/A	N/A
First	R10	W16-L	Bedroom	0.3			
		W16-U	Bedroom	1.5	1.9	N/A	N/A
First	R11	W17-L	Bedroom	0.2			
		W17-U	Bedroom	0.6	0.8	N/A	N/A
First	R12	W18-L	Bedroom	0.1			
		W18-U	Bedroom	0.6			
		W19-L	Bedroom	0.3			
		W19-U	Bedroom	1.5	2.5	27	5
First	R13	W20-L	Bedroom	0.3			
		W20-U	Bedroom	1.8	2.2	18	2
First	R14	W21-L	Bedroom	0.4			
		W21-U	Bedroom	1.8	2.2	22	3
First	R15	W22-L	Bedroom	0.2			
		W22-U	Bedroom	1.1			
		W23-L	Bedroom	0.2			
		W23-U	Bedroom	0.8	2.3	13	1
First	R16	W24-L	Bedroom	0.2			
		W24-U	Bedroom	0.7			
		W25-L	Bedroom	0.2			
		W25-U	Bedroom	0.9	2.0	5	1
First	R17	W26-L	Bedroom	0.4			
		W26-U	Bedroom	2.4	2.8	15	1
First	R18	W27-L	Bedroom	0.4			
		W27-U	Bedroom	2.2	2.6	17	2
<b>Block F</b>							
Ground	R1	W1-L	LKD	0.2			
		W1-U	LKD	0.5			
		W2-L	LKD	0.1			
		W2-U	LKD	0.3	1.1	N/A	N/A
Ground	R2	W3-L	LKD	0.2			
		W3-U	LKD	0.4			
		W4-L	LKD	0.1			
		W4-U	LKD	0.2	0.9	N/A	N/A
Ground	R3	W5-L	LKD	0.2			

Floor	Room ID	Window ID	Room Use	ADF	TOTAL ADF	ROOM TOTAL APSH	ROOM WINTER APSH
Ground	R4	W5-U	LKD	0.4	0.9	N/A	N/A
		W6-L	LKD	0.1			
		W6-U	LKD	0.2			
		W7-L	LKD	0.2			
Ground	R4	W7-U	LKD	0.3	0.8	N/A	N/A
		W8-L	LKD	0.1			
		W8-U	LKD	0.1			
		W9-L	LKD	0.1			
Ground	R5	W9-U	LKD	1.3	5.9	74	25
		W10-L	LKD	0.1			
		W10-U	LKD	1.3			
		W11-L	LKD	0.2			
		W11-U	LKD	1.1			
		W12-L	LKD	0.1			
		W12-U	LKD	1.7			
		W13-L	LKD	0.1			
Ground	R6	W13-U	LKD	0.7	3.5	31	11
		W14-L	LKD	0.1			
		W14-U	LKD	1.2			
		W15-L	LKD	0.1			
		W15-U	LKD	1.2			
		W16-L	LKD	0.1			
Ground	R7	W16-U	LKD	1.0	1.8	17	5
		W17-L	LKD	0.1			
		W17-U	LKD	0.6			
		W18-L	LKD	0.1			
Ground	R8	W18-U	LKD	1.3	2.3	16	2
		W19-L	LKD	0.1			
		W19-U	LKD	0.8			
		W20-L	LKD	0.1			
Ground	R9	W20-U	LKD	1.3	2.4	19	2
		W21-L	LKD	0.1			
		W21-U	LKD	0.8			
		W22-L	LKD	0.1			
Ground	R10	W22-U	LKD	1.3	2.2	20	2
		W23-L	LKD	0.1			
		W23-U	LKD	0.7			
		W1-L	Bedroom	0.2			
W1-U	Bedroom	0.5					
W2-L	Bedroom	0.3					
W2-U	Bedroom	1.2					
First	R2	W3-L	Bedroom	0.2	1.6	N/A	N/A
		W3-U	Bedroom	0.6			
		W4-L	Bedroom	0.2			
		W4-U	Bedroom	0.6			
First	R3	W5-L	Bedroom	0.3	1.6	N/A	N/A
		W5-U	Bedroom	1.3			
First	R4	W6-L	Bedroom	0.2	0.9	N/A	N/A
		W6-U	Bedroom	0.7			
First	R5	W7-L	Bedroom	0.3	1.5	N/A	N/A
		W7-U	Bedroom	1.3			
First	R6	W8-L	Bedroom	0.3	3.2	N/A	N/A
		W8-U	Bedroom	1.6			
		W9-L	Bedroom	0.2			
		W9-U	Bedroom	1.1			
First	R7	W10-L	Bedroom	0.3			

Floor	Room ID	Window ID	Room Use	ADF	TOTAL ADF	ROOM TOTAL APSH	ROOM WINTER APSH
		W10-U	Bedroom	1.5			
		W11-L	Bedroom	0.2			
		W11-U	Bedroom	0.7	<b>2.6</b>	N/A	N/A
First	R8	W12-L	Bedroom	0.2			
		W12-U	Bedroom	0.8	<b>1.0</b>	N/A	N/A
First	R9	W13-L	LKD	0.3			
		W13-U	LKD	1.2	<b>1.5</b>	N/A	N/A
First	R10	W14-L	Bedroom	0.0			
		W14-U	Bedroom	0.9	<b>0.9</b>	N/A	N/A
First	R11	W15-L	LKD	0.1			
		W15-U	LKD	0.5			
		W16-L	LKD	0.1			
		W16-U	LKD	0.6	<b>1.3</b>	N/A	N/A
First	R12	W17-L	Bedroom	0.0			
		W17-U	Bedroom	1.9	<b>1.9</b>	N/A	N/A
First	R13	W18-L	LKD	0.2			
		W18-U	LKD	1.0			
		W19-L	LKD	0.0			
		W19-U	LKD	0.7			
		W20-L	LKD	0.3			
		W20-U	LKD	1.0			
		W21-L	LKD	0.3			
		W21-U	LKD	1.0	<b>4.6</b>	39	22
First	R14	W22-L	Bedroom	0.5			
		W22-U	Bedroom	1.7	<b>2.2</b>	28	22
First	R15	W23-L	Bedroom	0.5			
		W23-U	Bedroom	1.8			
		W24-L	Bedroom	0.5			
		W24-U	Bedroom	1.8			
		W25-L	Bedroom	0.7			
		W25-U	Bedroom	2.5	<b>7.7</b>	42	26
First	R16	W26-L	Bedroom	0.5			
		W26-U	Bedroom	2.1	<b>2.6</b>	18	6
First	R17	W27-L	Bedroom	0.5			
		W27-U	Bedroom	1.9	<b>2.4</b>	13	7
First	R18	W28-L	Bedroom	0.5			
		W28-U	Bedroom	2.2	<b>2.7</b>	25	7
First	R19	W29-L	Bedroom	0.2			
		W29-U	Bedroom	1.3	<b>1.5</b>	13	1
First	R20	W30-L	Bedroom	0.5			
		W30-U	Bedroom	1.9	<b>2.4</b>	19	3
First	R21	W31-L	Bedroom	0.3			
		W31-U	Bedroom	1.6	<b>1.9</b>	8	0
First	R22	W32-L	Bedroom	0.3			
		W32-U	Bedroom	1.4	<b>1.7</b>	16	2
First	R23	W33-L	Bedroom	0.2			
		W33-U	Bedroom	0.9	<b>1.1</b>	10	1
First	R24	W34-L	Bedroom	0.3			
		W34-U	Bedroom	1.8	<b>2.1</b>	17	1
First	R25	W35-L	Bedroom	0.4			
		W35-U	Bedroom	1.8	<b>2.2</b>	20	2

Floor	Room ID	Window ID	Room Use	ADF	TOTAL ADF	ROOM TOTAL AP SH	ROOM WINTER AP SH
First	R26	W36-L	Bedroom	0.3	1.6	14	2
		W36-U	Bedroom	1.3			
First	R27	W37-L	Bedroom	0.2	1.6	14	0
		W37-U	Bedroom	1.3			
<b>Block G</b>							
Ground	R1	W1-L	LKD	0.2	5.0	31	6
		W1-U	LKD	0.9			
		W2-L	LKD	0.2			
		W2-U	LKD	0.9			
		W21-L	LKD	0.3			
		W21-U	LKD	1.6			
		W22-L	LKD	0.2			
		W22-U	LKD	0.9			
Ground	R2	W3-L	LKD	0.1	3.9	N/A	N/A
		W3-U	LKD	0.8			
		W4-L	LKD	0.1			
		W4-U	LKD	0.8			
		W5-L	LKD	0.1			
		W5-U	LKD	0.6			
		W6-L	LKD	0.1			
		W6-U	LKD	0.6			
		W7-L	LKD	0.1			
		W7-U	LKD	0.6			
Ground	R3	W8-L	Living Room	0.1	2.5	N/A	N/A
		W8-U	Living Room	0.7			
		W9-L	Living Room	0.1			
		W9-U	Living Room	0.7			
		W10-L	Living Room	0.1			
		W10-U	Living Room	0.7			
Ground	R4	W11-L	LKD	0.1	3.8	36	14
		W11-U	LKD	0.3			
		W12-L	LKD	0.1			
		W12-U	LKD	0.4			
		W13-L	LKD	0.2			
		W13-U	LKD	0.8			
		W14-L	LKD	0.2			
		W14-U	LKD	0.8			
		W15-L	LKD	0.1			
		W15-U	LKD	0.8			
Ground	R5	W16-L	LKD	0.2	4.1	32	7
		W16-U	LKD	0.9			
		W17-L	LKD	0.3			
		W17-U	LKD	1.6			
		W18-L	LKD	0.2			
		W18-U	LKD	0.9			
Ground	R6	W19-L	LD	0.3	3.5	28	5
		W19-U	LD	1.5			
		W20-L	LD	0.3			
		W20-U	LD	1.5			
First	R1	W1-L	Bedroom	0.5	7.2	36	9
		W1-U	Bedroom	3.2			
		W22-L	Bedroom	0.5			
		W22-U	Bedroom	3.0			
First	R2	W2-L	Bedroom	0.7	4.6	N/A	N/A
		W2-U	Bedroom	3.9			
First	R3	W3-L	Bedroom	0.4	2.7		
		W3-U	Bedroom	2.6			
		W4-L	Bedroom	0.5			
		W4-U	Bedroom	2.7			

Floor	Room ID	Window ID	Room Use	ADF	TOTAL ADF	ROOM TOTAL APSH	ROOM WINTER APSH
		W5-L	Bedroom	0.3			
		W5-U	Bedroom	1.7			
		W6-L	Bedroom	0.3			
		W6-U	Bedroom	1.6	<b>10.1</b>	N/A	N/A
First	R4	W7-L	Bedroom	0.3			
		W7-U	Bedroom	1.6	<b>2.0</b>	N/A	N/A
First	R5	W8-L	Bedroom	0.3			
		W8-U	Bedroom	1.1			
		W9-L	Bedroom	0.3			
		W9-U	Bedroom	1.1	<b>2.8</b>	N/A	N/A
First	R6	W10-L	Bedroom	0.2			
		W10-U	Bedroom	1.0	<b>1.3</b>	N/A	N/A
First	R7	W11-L	Bedroom	0.5			
		W11-U	Bedroom	2.0	<b>2.5</b>	N/A	N/A
First	R8	W12-L	Bedroom	0.1			
		W12-U	Bedroom	0.4	<b>0.6</b>	2	2
First	R9	W13-L	Bedroom	0.2			
		W13-U	Bedroom	0.6			
		W14-L	Bedroom	0.5			
		W14-U	Bedroom	2.7			
		W15-L	Bedroom	0.5			
		W15-U	Bedroom	2.7	<b>7.2</b>	36	11
First	R10	W16-L	Bedroom	0.4			
		W16-U	Bedroom	2.2	<b>2.7</b>	35	10
First	R11	W17-L	Bedroom	0.4			
		W17-U	Bedroom	2.3			
		W18-L	Bedroom	0.8			
		W18-U	Bedroom	3.9	<b>7.4</b>	35	10
First	R12	W18-L	Bedroom	0.9			
		W18-U	Bedroom	4.5			
		W19-L	Bedroom	0.5			
		W19-U	Bedroom	2.6	<b>8.6</b>	35	10
First	R13	W20-L	Bedroom	0.4			
		W20-U	Bedroom	2.1			
		W21-L	Bedroom	0.4			
		W21-U	Bedroom	2.1	<b>5.0</b>	33	9
<b>Block H</b>							
Ground	R1	W1-L	LKD	0.1			
		W1-U	LKD	0.4			
		W2-L	LKD	0.1			
		W2-U	LKD	0.6			
		W76-L	LKD	0.2			
		W76-U	LKD	0.8			
		W77-L	LKD	0.3			
		W77-U	LKD	1.4			
		W78-L	LKD	0.2			
		W78-U	LKD	0.8	<b>4.7</b>	39	9
Ground	R2	W3-L	LKD	0.1			
		W3-U	LKD	0.5			
		W4-L	LKD	0.1			
		W4-U	LKD	0.3			
		W5-L	LKD	0.1			
		W5-U	LKD	0.4			
		W6-L	LKD	0.1			
		W6-U	LKD	0.5			
		W7-L	LKD	0.1			
		W7-U	LKD	0.5			

Floor	Room ID	Window ID	Room Use	ADF	TOTAL ADF	ROOM TOTAL APSH	ROOM WINTER APSH
Ground	R3	W8-L	LKD	0.1	3.2	N/A	N/A
		W8-U	LKD	0.5			
		W9-L	LKD	0.1	3.1	40	6
		W9-U	LKD	0.3			
		W10-L	LKD	0.1			
		W10-U	LKD	0.3			
		W73-L	LKD	0.1			
		W73-U	LKD	0.6			
		W74-L	LKD	0.1			
		W74-U	LKD	0.6			
W75-L	LKD	0.1					
W75-U	LKD	0.6					
Ground	R4	W11-L	LKD	0.1	2.5	41	6
		W11-U	LKD	0.3			
		W12-L	LKD	0.1			
		W12-U	LKD	0.3			
		W13-L	LKD	0.1			
		W13-U	LKD	0.3			
		W71-L	LKD	0.1			
		W71-U	LKD	0.6			
		W72-L	LKD	0.1			
		W72-U	LKD	0.6			
Ground	R5	W14-L	LKD	0.1	3.0	38	6
		W14-U	LKD	0.3			
		W15-L	LKD	0.1			
		W15-U	LKD	0.3			
		W68-L	LKD	0.1			
		W68-U	LKD	0.6			
		W69-L	LKD	0.1			
		W69-U	LKD	0.6			
		W70-L	LKD	0.1			
		W70-U	LKD	0.6			
Ground	R6	W65-L	LKD	0.2	3.5	36	8
		W65-U	LKD	0.8			
		W66-L	LKD	0.3			
		W66-U	LKD	1.4			
		W67-L	LKD	0.2			
		W67-U	LKD	0.8			
Ground	R7	W16-L	LKD	0.1	2.5	37	6
		W16-U	LKD	0.3			
		W62-L	LKD	0.1			
		W62-U	LKD	0.6			
		W63-L	LKD	0.1			
		W63-U	LKD	0.6			
		W64-L	LKD	0.1			
		W64-U	LKD	0.6			
Ground	R8	W17-L	LKD	0.1	3.3	38	7
		W17-U	LKD	0.4			
		W18-L	LKD	0.1			
		W18-U	LKD	0.3			
		W59-L	LKD	0.1			
		W59-U	LKD	0.6			
		W60-L	LKD	0.2			
		W60-U	LKD	1.0			
		W61-L	LKD	0.1			
		W61-U	LKD	0.6			
Ground	R9	W19-L	LKD	0.1	3.1	40	6
		W19-U	LKD	0.5			
		W20-L	LKD	0.1			
		W20-U	LKD	0.3			
		W57-L	LKD	0.1			
		W57-U	LKD	0.6			
		W58-L	LKD	0.1			

Floor	Room ID	Window ID	Room Use	ADF	TOTAL ADF	ROOM TOTAL APSH	ROOM WINTER APSH
		W58-U	LKD	0.5	<b>2.3</b>	38	8
Ground	R10	W21-L	LKD	0.1			
		W21-U	LKD	0.3			
		W22-L	LKD	0.1			
		W22-U	LKD	0.3			
		W54-L	LKD	0.1			
		W54-U	LKD	0.6			
		W55-L	LKD	0.1			
		W55-U	LKD	0.6			
		W56-L	LKD	0.1			
		W56-U	LKD	0.6	<b>2.9</b>	36	7
Ground	R11	W23-L	LKD	0.1			
		W23-U	LKD	0.3			
		W24-L	LKD	0.1			
		W24-U	LKD	0.3			
		W25-L	LKD	0.1			
		W25-U	LKD	0.3			
		W52-L	LKD	0.1			
		W52-U	LKD	0.6			
		W53-L	LKD	0.1			
		W53-U	LKD	0.5	<b>2.5</b>	38	8
Ground	R12	W26-L	LKD	0.1			
		W26-U	LKD	0.4			
		W27-L	LKD	0.1			
		W27-U	LKD	0.3			
		W49-L	LKD	0.1			
		W49-U	LKD	0.6			
		W50-L	LKD	0.2			
		W50-U	LKD	1.0			
		W51-L	LKD	0.1			
		W51-U	LKD	0.6	<b>3.4</b>	43	9
Ground	R13	W46-L	LKD	0.2			
		W46-U	LKD	0.8			
		W47-L	LKD	0.3			
		W47-U	LKD	1.4			
		W48-L	LKD	0.2			
		W48-U	LKD	0.8	<b>3.6</b>	32	6
Ground	R14	W28-L	LKD	0.1			
		W28-U	LKD	0.4			
		W29-L	LKD	0.1			
		W29-U	LKD	0.4			
		W43-L	LKD	0.1			
		W43-U	LKD	0.6			
		W44-L	LKD	0.1			
		W44-U	LKD	0.6			
		W45-L	LKD	0.1			
		W45-U	LKD	0.6	<b>3.1</b>	49	8
Ground	R15	W30-L	LKD	0.1			
		W30-U	LKD	0.5			
		W31-L	LKD	0.1			
		W31-U	LKD	0.5			
		W41-L	LKD	0.2			
		W41-U	LKD	1.0			
		W42-L	LKD	0.1			
		W42-U	LKD	0.6	<b>3.0</b>	53	10
Ground	R16	W32-L	LKD	0.1			
		W32-U	LKD	0.5			
		W33-L	LKD	0.1			
		W33-U	LKD	0.5			
		W34-L	LKD	0.1			
		W34-U	LKD	0.7			
		W35-L	LKD	0.1			
		W35-U	LKD	0.7			

Floor	Room ID	Window ID	Room Use	ADF	TOTAL ADF	ROOM TOTAL APSH	ROOM WINTER APSH
		W36-L	LKD	0.2			
		W36-U	LKD	1.1			
		W37-L	LKD	0.2			
		W37-U	LKD	1.1			
		W38-L	LKD	0.1			
		W38-U	LKD	0.6			
		W39-L	LKD	0.1			
		W39-U	LKD	0.6			
		W40-L	LKD	0.1			
		W40-U	LKD	0.6	<b>7.7</b>	86	23
First	R1	W1-L	Bedroom	0.2			
		W1-U	Bedroom	0.9			
		W78-L	Bedroom	0.5			
		W78-U	Bedroom	2.0			
		W77-L	Bedroom	0.8			
		W77-U	Bedroom	3.4	<b>7.8</b>	34	8
First	R2	W2-L	Bedroom	0.5			
		W2-U	Bedroom	1.7	<b>2.1</b>	N/A	N/A
First	R3	W3-L	Bedroom	0.1			
		W3-U	Bedroom	0.4			
		W4-L	Bedroom	0.1			
		W4-U	Bedroom	0.5			
		W5-L	Bedroom	0.2			
		W5-U	Bedroom	0.5			
		W6-L	Bedroom	0.2			
		W6-U	Bedroom	0.7	<b>2.7</b>	N/A	N/A
First	R4	W7-L	Bedroom	0.3			
		W7-U	Bedroom	1.1	<b>1.4</b>	N/A	N/A
First	R5	W8-L	Bedroom	0.2			
		W8-U	Bedroom	0.8			
		W9-L	Bedroom	0.2			
		W9-U	Bedroom	0.7	<b>1.9</b>	N/A	N/A
First	R6	W10-L	Bedroom	0.2			
		W10-U	Bedroom	0.2			
		W11-L	Bedroom	0.2			
		W11-U	Bedroom	0.5	<b>1.0</b>	N/A	N/A
First	R7	W12-L	Bedroom	0.2			
		W12-U	Bedroom	0.8	<b>1.0</b>	N/A	N/A
First	R8	W13-L	Bedroom	0.2			
		W13-U	Bedroom	0.6			
		W14-L	Bedroom	0.2			
		W14-U	Bedroom	0.4	<b>1.3</b>	N/A	N/A
First	R9	W15-L	Bedroom	0.1			
		W15-U	Bedroom	0.3			
		W16-L	Bedroom	0.3			
		W16-U	Bedroom	0.9	<b>1.6</b>	N/A	N/A
First	R10	W17-L	Bedroom	0.2			
		W17-U	Bedroom	0.8			
		W16-L	Bedroom	0.4			
		W16-U	Bedroom	1.1	<b>2.5</b>	N/A	N/A
First	R11	W18-L	Bedroom	0.2			
		W18-U	Bedroom	0.9			
		W19-L	Bedroom	0.2			
		W19-U	Bedroom	0.8	<b>2.1</b>	N/A	N/A
First	R12	W20-L	Bedroom	0.3			
		W20-U	Bedroom	0.6	<b>0.8</b>	N/A	N/A
First	R13	W21-L	Bedroom	0.1			

Floor	Room ID	Window ID	Room Use	ADF	TOTAL ADF	ROOM TOTAL APSH	ROOM WINTER APSH
		W21-U	Bedroom	0.3	<b>0.4</b>	N/A	N/A
First	R14	W22-L	Bedroom	0.2			
		W22-U	Bedroom	0.5			
		W23-L	Bedroom	0.2			
		W23-U	Bedroom	0.7	<b>1.6</b>	N/A	N/A
First	R15	W24-L	Bedroom	0.2			
		W24-U	Bedroom	0.8			
		W25-L	Bedroom	0.2			
		W25-U	Bedroom	0.8	<b>2.1</b>	N/A	N/A
First	R16	W25-L	Bedroom	0.2			
		W25-U	Bedroom	0.9			
		W26-L	Bedroom	0.2			
		W26-U	Bedroom	0.8	<b>2.1</b>	N/A	N/A
First	R17	W27-L	Bedroom	0.2			
		W27-U	Bedroom	0.6			
		W28-L	Bedroom	0.2			
		W28-U	Bedroom	0.7	<b>1.7</b>	N/A	N/A
First	R18	W29-L	Bedroom	0.3			
		W29-U	Bedroom	1.0			
		W30-L	Bedroom	0.3			
		W30-U	Bedroom	1.1	<b>2.7</b>	N/A	N/A
First	R19	W31-L	Bedroom	0.3			
		W31-U	Bedroom	1.2			
		W32-L	Bedroom	0.3			
		W32-U	Bedroom	1.2	<b>3.1</b>	N/A	N/A
First	R20	W33-L	Bedroom	0.3			
		W33-U	Bedroom	0.9			
		W34-L	Bedroom	0.2			
		W34-U	Bedroom	0.9			
		W35-L	Bedroom	0.4			
		W35-U	Bedroom	1.6			
		W36-L	Bedroom	0.4			
		W36-U	Bedroom	1.5	<b>6.2</b>	57	22
First	R21	W37-L	Bedroom	0.9			
		W37-U	Bedroom	3.7	<b>4.5</b>	54	22
First	R22	W38-L	Bedroom	0.3			
		W38-U	Bedroom	1.2			
		W39-L	Bedroom	0.3			
		W39-U	Bedroom	1.2			
		W40-L	Bedroom	0.3			
		W40-U	Bedroom	1.2	<b>4.5</b>	72	24
First	R23	W41-L	Bedroom	0.8			
		W41-U	Bedroom	3.2	<b>4.0</b>	32	7
First	R24	W42-L	Bedroom	0.4			
		W42-U	Bedroom	1.8	<b>2.2</b>	30	6
First	R25	W43-L	Bedroom	0.4			
		W43-U	Bedroom	1.8	<b>2.2</b>	29	4
First	R26	W44-L	Bedroom	0.4			
		W44-U	Bedroom	1.9			
		W45-L	Bedroom	0.4			
		W45-U	Bedroom	1.9	<b>4.7</b>	30	5
First	R27	W46-L	Bedroom	0.5			
		W46-U	Bedroom	2.2	<b>2.8</b>	30	6
First	R28	W47-L	Bedroom	0.6			
		W47-U	Bedroom	2.4			

Floor	Room ID	Window ID	Room Use	ADF	TOTAL ADF	ROOM TOTAL APSH	ROOM WINTER APSH
		W48-L	Bedroom	0.3			
		W48-U	Bedroom	1.4	<b>4.7</b>	33	8
First	R29	W49-L	Bedroom	0.4			
		W49-U	Bedroom	1.9			
		W50-L	Bedroom	0.8			
		W50-U	Bedroom	3.2	<b>6.3</b>	33	8
First	R30	W50-L	Bedroom	0.7			
		W50-U	Bedroom	3.0			
		W51-L	Bedroom	0.4			
		W51-U	Bedroom	1.8	<b>6.0</b>	33	8
First	R31	W52-L	Bedroom	0.4			
		W52-U	Bedroom	1.8			
		W53-L	Bedroom	0.4			
		W53-U	Bedroom	1.7	<b>4.3</b>	33	8
First	R32	W54-L	Bedroom	0.4			
		W54-U	Bedroom	1.9			
		W55-L	Bedroom	0.4			
		W55-U	Bedroom	1.9	<b>4.7</b>	32	8
First	R33	W55-L	Bedroom	0.4			
		W55-U	Bedroom	1.8			
		W56-L	Bedroom	0.4			
		W56-U	Bedroom	1.8	<b>4.5</b>	32	8
First	R34	W57-L	Bedroom	0.4			
		W57-U	Bedroom	1.8			
		W58-L	Bedroom	0.4			
		W58-U	Bedroom	1.8	<b>4.4</b>	32	8
First	R35	W59-L	Bedroom	0.4			
		W59-U	Bedroom	1.9			
		W60-L	Bedroom	0.8			
		W60-U	Bedroom	3.3	<b>6.4</b>	35	10
First	R36	W60-L	Bedroom	0.7			
		W60-U	Bedroom	3.1			
		W61-L	Bedroom	0.4			
		W61-U	Bedroom	1.8	<b>6.0</b>	35	10
First	R37	W62-L	Bedroom	0.4			
		W62-U	Bedroom	1.8	<b>2.2</b>	30	5
First	R38	W63-L	Bedroom	0.5			
		W63-U	Bedroom	1.9			
		W64-L	Bedroom	0.5			
		W64-U	Bedroom	2.0	<b>4.8</b>	33	8
First	R39	W65-L	Bedroom	0.5			
		W65-U	Bedroom	2.2	<b>2.8</b>	33	8
First	R40	W66-L	Bedroom	0.6			
		W66-U	Bedroom	2.4			
		W67-L	Bedroom	0.3			
		W67-U	Bedroom	1.4	<b>4.7</b>	36	10
First	R41	W68-L	Bedroom	0.5			
		W68-U	Bedroom	2.0			
		W69-L	Bedroom	0.5			
		W69-U	Bedroom	2.0	<b>4.9</b>	33	8
First	R42	W69-L	Bedroom	0.4			
		W69-U	Bedroom	1.9			
		W70-L	Bedroom	0.4			
		W70-U	Bedroom	1.9	<b>4.6</b>	34	8
First	R43	W71-L	Bedroom	0.3			

Floor	Room ID	Window ID	Room Use	ADF	TOTAL ADF	ROOM TOTAL APSH	ROOM WINTER APSH
		W71-U	Bedroom	1.5	3.7	34	8
		W72-L	Bedroom	0.3			
		W72-U	Bedroom	1.5			
First	R44	W73-L	Bedroom	0.5	5.0	34	8
		W73-U	Bedroom	2.0			
		W74-L	Bedroom	0.5			
		W74-U	Bedroom	2.0			
First	R45	W74-L	Bedroom	0.4	4.8	34	8
		W74-U	Bedroom	1.9			
		W75-L	Bedroom	0.5			
		W75-U	Bedroom	1.9			
First	R46	W76-L	Bedroom	0.5	2.7	34	8
		W76-U	Bedroom	2.2			
<b>Block J</b>							
First	R1	W1-L	Bedroom	0.5	5.2	10	0
		W1-U	Bedroom	2.6			
		W29-L	Bedroom	0.2			
		W29-U	Bedroom	0.8			
		W30-L	Bedroom	0.2			
		W30-U	Bedroom	0.9			
First	R2	W2-L	Bedroom	0.6	3.5	N/A	N/A
		W2-U	Bedroom	2.9			
First	R3	W3-L	Bedroom	0.6	2.8	N/A	N/A
		W3-U	Bedroom	2.1			
First	R4	W4-L	Bedroom	0.5	4.0	N/A	N/A
		W4-U	Bedroom	3.5			
First	R5	W5-L	LKD	0.4	3.0	N/A	N/A
		W5-U	LKD	2.6			
First	R6	W6-L	Bedroom	0.9	6.0	N/A	N/A
		W6-U	Bedroom	5.1			
First	R7	W7-L	Bedroom	0.3	9.7	N/A	N/A
		W7-U	Bedroom	1.8			
		W8-L	Bedroom	0.7			
		W8-U	Bedroom	3.9			
		W9-L	Bedroom	0.5			
		W9-U	Bedroom	2.5			
First	R8	W10-L	LKD	0.2	3.5	N/A	N/A
		W10-U	LKD	1.0			
		W11-L	LKD	0.4			
		W11-U	LKD	2.0			
First	R9	W12-L	Bedroom	0.5	2.4	N/A	N/A
		W12-U	Bedroom	1.9			
First	R10	W13-L	LKD	0.4	2.8	N/A	N/A
		W13-U	LKD	2.4			
First	R11	W14-L	Bedroom	0.9	5.8	N/A	N/A
		W14-U	Bedroom	4.9			
First	R12	W15-L	Bedroom	0.5	2.3	N/A	N/A
		W15-U	Bedroom	1.8			
First	R13	W16-L	LKD	0.4	0.0		
		W16-U	LKD	1.4			
		W17-L	LKD	0.1			
		W17-U	LKD	0.4			
		W18-L	LKD	0.0			

Floor	Room ID	Window ID	Room Use	ADF	TOTAL ADF	ROOM TOTAL APSH	ROOM WINTER APSH				
First	R14	W18-U	LKD	0.2	2.7	31	5				
		W19-L	LKD	0.0							
		W19-U	LKD	0.2							
		W20-L	LKD	0.1	1.1						
		W20-U	LKD	0.3							
		W21-L	LKD	0.1							
		W21-U	LKD	0.4							
		W22-L	LKD	0.1							
		W22-U	LKD	0.1							
		First	R15	W23-L	Bedroom			0.1	0.8	2	0
				W23-U	Bedroom			0.6			
		First	R16	W24-L	Bedroom			0.2	1.6	15	4
				W24-U	Bedroom			1.3			
		First	R17	W25-L	LKD			0.1	1.5	3	3
W25-U	LKD			0.4							
W26-L	LKD			0.0							
W26-U	LKD			0.2							
W27-L	LKD			0.1							
W27-U	LKD			0.2							
W28-L	LKD			0.1							
W28-U	LKD			0.3							
<b>Block K</b>											
First	R1	W1-L	LKD	0.1	1.0	0	0				
		W1-U	LKD	0.3							
		W2-L	LKD	0.0							
		W2-U	LKD	0.2							
		W28-L	LKD	0.0							
		W28-U	LKD	0.2							
		W29-L	LKD	0.0							
		W29-U	LKD	0.1							
First	R2	W3-L	Bedroom	0.1	3.0	N/A	N/A				
		W3-U	Bedroom	0.6							
		W4-L	Bedroom	0.3							
		W4-U	Bedroom	1.0							
		W5-L	Bedroom	0.3							
		W5-U	Bedroom	0.7							
First	R3	W6-L	Bedroom	0.3	2.3	N/A	N/A				
		W6-U	Bedroom	0.8							
		W7-L	Bedroom	0.3							
		W7-U	Bedroom	0.9							
First	R4	W8-L	LKD	0.2	1.4	N/A	N/A				
		W8-U	LKD	0.6							
		W9-L	LKD	0.2							
		W9-U	LKD	0.6							
First	R5	W10-L	Bedroom	0.2	1.9	N/A	N/A				
		W10-U	Bedroom	0.7							
		W11-L	Bedroom	0.3							
		W11-U	Bedroom	0.7							
First	R6	W11-L	Bedroom	0.3	3.1	N/A	N/A				
		W11-U	Bedroom	0.8							
		W12-L	Bedroom	0.3							
		W12-U	Bedroom	0.8							
		W13-L	Bedroom	0.3							
		W13-U	Bedroom	0.7							
First	R7	W14-L	LKD	0.2							
		W14-U	LKD	0.6							
		W15-L	LKD	0.2							
		W15-U	LKD	0.6							

Floor	Room ID	Window ID	Room Use	ADF	TOTAL ADF	ROOM TOTAL APSH	ROOM WINTER APSH
		W16-L	LKD	0.2			
		W16-U	LKD	0.6	2.3	N/A	N/A
First	R8	W17-L	Bedroom	0.4			
		W17-U	Bedroom	1.1	1.5	N/A	N/A
First	R9	W18-L	Bedroom	0.4			
		W18-U	Bedroom	1.2	1.6	N/A	N/A
First	R10	W19-L	LKD	0.0			
		W19-U	LKD	0.2			
		W20-L	LKD	0.0			
		W20-U	LKD	0.2	0.5	2	1
First	R11	W21-L	LKD	0.0			
		W21-U	LKD	0.2			
		W22-L	LKD	0.0			
		W22-U	LKD	0.1	0.4	3	3
First	R12	W23-L	Bedroom	0.2			
		W23-U	Bedroom	1.8	2.0	2	0
First	R13	W24-L	Bedroom	0.1			
		W24-U	Bedroom	1.4	1.5	6	0
First	R14	W25-L	Bedroom	0.1			
		W25-U	Bedroom	1.0	1.1	4	0
First	R15	W26-L	LKD	0.0			
		W26-U	LKD	0.2			
		W27-L	LKD	0.1			
		W27-U	LKD	0.2	0.4	1	0
<b>Block L</b>							
First	R1	W1-L	LKD	0.1			
		W1-U	LKD	0.5			
		W2-L	LKD	0.1			
		W2-U	LKD	0.5	1.3	N/A	N/A
First	R2	W4-L	Bedroom	0.7			
		W4-U	Bedroom	3.0	3.6	N/A	N/A
First	R3	W5-L	Bedroom	0.5			
		W5-U	Bedroom	2.2			
		W6-L	Bedroom	0.4			
		W6-U	Bedroom	2.0	5.1	N/A	N/A
First	R4	W7-L	LKD	0.2			
		W7-U	LKD	0.8			
		W8-L	LKD	0.2			
		W8-U	LKD	0.6			
		W9-L	LKD	0.2			
		W9-U	LKD	1.0	3.1	N/A	N/A
First	R5	W10-L	Bedroom	0.4			
		W10-U	Bedroom	2.1	2.6	N/A	N/A
First	R6	W12-L	Bedroom	0.3			
		W12-U	Bedroom	1.6			
		W11-L	Bedroom	0.3			
		W11-U	Bedroom	1.6	3.8	N/A	N/A
First	R7	W13-L	Bedroom	0.4			
		W13-U	Bedroom	1.5			
		W14-L	Bedroom	0.3			
		W14-U	Bedroom	1.3	3.5	N/A	N/A
First	R8	W15-L	LKD	0.3			
		W15-U	LKD	1.4	1.7	N/A	N/A

Floor	Room ID	Window ID	Room Use	ADF	TOTAL ADF	ROOM TOTAL APSH	ROOM WINTER APSH
First	R9	W16-L	Bedroom	0.4	5.4	N/A	N/A
		W16-U	Bedroom	2.2			
		W17-L	Bedroom	0.5			
		W17-U	Bedroom	2.3			
First	R10	W18-L	Bedroom	0.5	3.0	N/A	N/A
		W18-U	Bedroom	2.5			
First	R11	W19-L	LKD	0.3	1.7	8	0
		W19-U	LKD	1.3			
		W20-L	LKD	0.0			
		W20-U	LKD	0.1			
		W21-L	LKD	0.0			
		W21-U	LKD	0.0			
		W22-L	LKD	0.0			
		W22-U	LKD	0.0			
First	R12	W23-L	Bedroom	0.0	0.8	0	0
		W23-U	Bedroom	0.0			
		W24-L	Bedroom	0.0			
		W24-U	Bedroom	0.0			
		W25-L	Bedroom	0.1			
		W25-U	Bedroom	0.3			
		W26-L	Bedroom	0.1			
		W26-U	Bedroom	0.3			
First	R13	W27-L	LKD	0.1	0.6	1	1
		W27-U	LKD	0.3			
		W26-L	LKD	0.0			
		W26-U	LKD	0.2			
First	R14	W28-L	Bedroom	0.1	0.4	1	1
		W28-U	Bedroom	0.3			
First	R15	W29-L	LKD	0.1	0.8	2	0
		W29-U	LKD	0.2			
		W30-L	LKD	0.0			
		W30-U	LKD	0.2			
		W31-L	LKD	0.0			
		W31-U	LKD	0.3			
First	R16	W32-L	LKD	0.0	1.1	3	1
		W32-U	LKD	0.3			
		W33-L	LKD	0.0			
		W33-U	LKD	0.3			
		W34-L	LKD	0.1			
		W34-U	LKD	0.3			
First	R17	W35-L	Bedroom	0.2	1.3	3	2
		W35-U	Bedroom	1.1			
First	R18	W36-L	Bedroom	0.1	1.0	3	2
		W36-U	Bedroom	0.9			
First	R19	W37-L	LKD	0.1	0.7	3	2
		W37-U	LKD	0.3			
		W38-L	LKD	0.0			
		W38-U	LKD	0.3			
<b>Block M</b>							
First	R1	W1-L	LKD	0.2	6.8	36	9
		W1-U	LKD	1.6			
		W2-L	LKD	0.2			
		W2-U	LKD	1.3			
		W3-L	LKD	0.3			
		W3-U	LKD	0.9			
		W31-L	LKD	0.4			
		W31-U	LKD	1.8			

Floor	Room ID	Window ID	Room Use	ADF	TOTAL ADF	ROOM TOTAL APSH	ROOM WINTER APSH
First	R2	W4-L	LKD	0.3	<b>6.5</b>	N/A	N/A
		W4-U	LKD	1.3			
		W5-L	LKD	0.3			
		W5-U	LKD	1.3			
		W6-L	LKD	0.2			
		W6-U	LKD	0.9			
		W7-L	LKD	0.3			
		W7-U	LKD	1.3			
		W8-L	LKD	0.1			
W8-U	LKD	0.5					
First	R3	W9-L	Bedroom	0.2	<b>1.1</b>	N/A	N/A
		W9-U	Bedroom	0.9			
First	R4	W10-L	LKD	0.1	<b>0.6</b>	N/A	N/A
		W10-U	LKD	0.2			
		W11-L	LKD	0.1			
		W11-U	LKD	0.3			
First	R5	W12-L	Bedroom	0.3	<b>1.6</b>	N/A	N/A
		W12-U	Bedroom	1.4			
First	R6	W13-L	LKD	0.1	<b>0.7</b>	N/A	N/A
		W13-U	LKD	0.3			
		W14-L	LKD	0.1			
		W14-U	LKD	0.3			
First	R7	W15-L	Bedroom	0.3	<b>1.7</b>	N/A	N/A
		W15-U	Bedroom	1.4			
First	R8	W16-L	LKD	0.1	<b>0.5</b>	N/A	N/A
		W16-U	LKD	0.3			
		W17-L	LKD	0.0			
		W17-U	LKD	0.0			
First	R9	W18-L	Bedroom	0.4	<b>4.7</b>	32	7
		W18-U	Bedroom	1.9			
		W19-L	Bedroom	0.4			
		W19-U	Bedroom	2.0			
First	R10	W20-L	Bedroom	0.5	<b>5.0</b>	32	7
		W20-U	Bedroom	2.1			
		W21-L	Bedroom	0.5			
		W21-U	Bedroom	2.1			
First	R11	W22-L	LKD	0.5	<b>2.0</b>	13	5
		W22-U	LKD	1.5			
First	R12	W23-L	Bedroom	0.4	<b>4.7</b>	32	7
		W23-U	Bedroom	1.9			
		W24-L	Bedroom	0.4			
		W24-U	Bedroom	1.9			
First	R13	W25-L	Bedroom	0.6	<b>3.1</b>	33	7
		W25-U	Bedroom	2.5			
First	R14	W26-L	Bedroom	0.5	<b>5.8</b>	32	7
		W26-U	Bedroom	2.4			
		W27-L	Bedroom	0.5			
		W27-U	Bedroom	2.4			
First	R15	W28-L	LKD	0.6	<b>2.3</b>	14	5
		W28-U	LKD	1.7			
First	R16	W29-L	Bedroom	0.7	<b>8.1</b>	36	9
		W29-U	Bedroom	3.3			
		W30-L	Bedroom	0.7			
		W30-U	Bedroom	3.3			

Floor	Room ID	Window ID	Room Use	ADF	TOTAL ADF	ROOM TOTAL AP SH	ROOM WINTER AP SH
<b>Block N</b>							
First	R1	W1-L	Bedroom	0.1	1.9	N/A	N/A
		W1-U	Bedroom	0.2			
		W2-L	Bedroom	0.3			
		W2-U	Bedroom	1.4			
First	R2	W3-L	Bedroom	0.3	1.7	N/A	N/A
		W3-U	Bedroom	1.4			
First	R3	W4-L	LKD	0.1	0.6	N/A	N/A
		W4-U	LKD	0.4			
		W5-L	LKD	0.0			
		W5-U	LKD	0.1			
First	R4	W6-L	Bedroom	0.3	1.9	N/A	N/A
		W6-U	Bedroom	1.5			
First	R5	W7-L	Bedroom	0.3	1.5	N/A	N/A
		W7-U	Bedroom	1.2			
First	R6	W8-L	LKD	0.1	3.3	18	5
		W8-U	LKD	0.5			
		W9-L	LKD	0.1			
		W9-U	LKD	0.4			
		W10-L	LKD	0.1			
		W10-U	LKD	0.5			
		W11-L	LKD	0.3			
		W11-U	LKD	1.2			
First	R7	W12-L	Bedroom	0.2	2.4	10	2
		W12-U	Bedroom	1.0			
		W13-L	Bedroom	0.2			
		W13-U	Bedroom	1.0			
First	R8	W14-L	Bedroom	0.2	1.2	10	3
		W14-U	Bedroom	0.9			
First	R9	W15-L	LKD	0.1	6.3	47	15
		W15-U	LKD	0.6			
		W16-L	LKD	0.4			
		W16-U	LKD	1.0			
		W17-L	LKD	0.3			
		W17-U	LKD	0.9			
		W18-L	LKD	0.3			
		W18-U	LKD	1.2			
		W19-L	LKD	0.3			
		W19-U	LKD	1.2			
First	R10	W20-L	Bedroom	0.5	5.5	32	7
		W20-U	Bedroom	2.3			
		W21-L	Bedroom	0.5			
		W21-U	Bedroom	2.3			
First	R11	W22-L	LKD	0.6	2.4	13	3
		W22-U	LKD	1.8			
First	R12	W23-L	Bedroom	0.5	5.0	32	7
		W23-U	Bedroom	2.1			
		W24-L	Bedroom	0.5			
		W24-U	Bedroom	2.1			
First	R13	W25-L	LKD	0.5	2.0	12	3
		W25-U	LKD	1.5			
First	R14	W26-L	Bedroom	0.6	6.3	32	7
		W26-U	Bedroom	2.6			
		W27-L	Bedroom	0.6			
		W27-U	Bedroom	2.6			

Floor	Room ID	Window ID	Room Use	ADF	TOTAL ADF	ROOM TOTAL AP SH	ROOM WINTER AP SH
First	R15	W28-L	Bedroom	0.4			
		W28-U	Bedroom	1.9			
		W29-L	Bedroom	0.4			
		W29-U	Bedroom	1.9	<b>4.6</b>	32	7
First	R16	W30-L	LKD	0.7			
		W30-U	LKD	2.0	<b>2.7</b>	14	6