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25 November 2020

Dear Michael,

Stanford House, 9 Nestles Avenue, Hayes UB3 – Daylight, Sunlight & Overshadowing

As you are aware this practice has been providing daylight / sunlight advice in respect of the Stanford House, Hayes proposals. Following recent feedback from planning officers we understand that the proposals have undergone some minor amendments with windows being removed or amended to the south western part of the scheme where they are closest to the neighbouring site at 7 Nestles Avenue to the west.

In addition we have been provided with a letter of 9th November 2020 prepared by Lambert Smith Hampton following a review of our detailed report of July 2020. The Lambert Smith Hampton letter raised some queries in respect of our report. We have provided further clarification in respect of these elements below and additional technical information is attached where useful to aid in addressing these queries.

Daylight & Sunlight within Block D, Nestle Factory Site

In terms of the potential effects of the proposal upon neighbouring properties, the review undertaken by Lambert Smith Hampton noted the absence of 'balconies in place' results assessing the retained daylight levels to block D of the former Nestle Factory site situated to the east of the scheme along Nestles Avenue.

A full set of results showing the impacts of the proposed scheme on Block D with balconies in place is attached at appendix 1 and also includes a full set of window maps showing the location of each window assessed that can be cross referenced to our study.

As per our July 2020 report our results show that 108 of the 132 rooms assessed within block D continue to meet the ADF targets with the proposal in place. This is achieved even though there are limiting factors in respect of both the provision of balconies to this block and some very deep spaces of almost 7m.

The Lambert Smith Hampton review noted the aspiration to reach the higher = 2.0% ADF 'kitchen' target for a multi-use space rather than the 1.5% 'Living Room' target. This aspiration is also noted at 2.10 in our report but is often an unrealistically high target for modern L/K/D arrangements which are inherently deeper

spaces. The application of 1.5% as a reasonable target has been accepted in many applications across London and within the Borough. The approach has also been subject to peer review by the BRE, who authored the relevant guidance, who suggested that the application of a 1.5% target as a practical target in respect of such spaces. As noted within our report the BRE guide also specifically notes the inherent sensitivity of particularly deep spaces of more than 5m in depth.

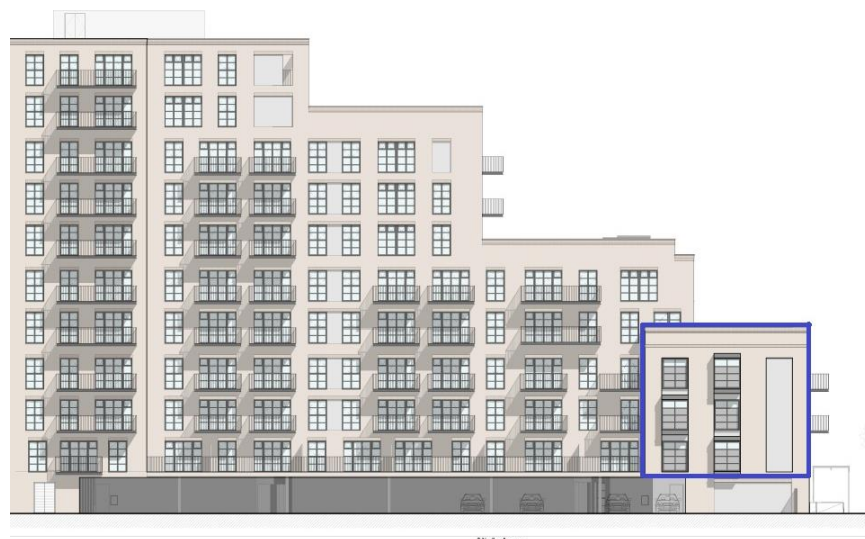
Of the 22 LKD's within Block D which fall below the 1.5% ADF target with the balconies in place we would note that 12 are within 0.2-0.3% and therefore represent only marginal deviations. The benefit of the balconies to the occupiers of the units is noted by Mr Blackman in the Lambert Smith Hampton review as often being the cause of light loss and a common trade off with the provision of private amenity space. This is also specifically noted in the Draft Good Quality Homes for All Londoners Guidance (October 2020) which suggests at C5.3 that the *'Mayor encourages boroughs to allow the daylight level on the balcony to contribute to the ADF of the adjacent living space'*. With the effect of balconies taken into account all but 2 of the habitable rooms in Block D (a bedroom and an LKD) will meet their respective ADF target.

Overall the 'with balconies' results continue to show good compliance with appropriate internal daylight targets with deviations generally being limited to rooms with inherent constraints due to room depth and / or balcony provision. Such constraints are common in modern developments and both the BRE guidance and wider policy suggests flexibility should be applied in such scenarios. As such our conclusion remains that the effects upon block D of the former Nestles factory development are wholly acceptable.

Internal Daylight & Sunlight within the proposed development

The Lambert Smith Hampton review raises queries regarding our assessment of the internal amenity provision within the proposed units. We have undertaken additional analysis to address these queries whilst also updating our analysis to reflect the latest changes to the scheme following feedback from the local authority.

These changes include the redesign and removal of some windows to the southwestern flank elevation where it is closest to the neighbouring site at 7 Nestles Avenue. Glazed elements have been removed additional return windows and a staggered 'bay' element added to retain good daylight levels to these units. The areas of these changes are highlighted below:



Revised western elevation indicating area of proposed changes.

ADF Analysis Including Kitchen Spaces

The Lambert Smith Hampton review raised a query regarding the presentation of internal daylight results excluding the kitchens from the assessment within multi-use LKDs due to the provision of task lighting and the focus of the guidance within the BRE document of kitchens being linked to well-daylit living spaces.

In updating our analysis of the proposal including the latest scheme revisions we have therefore also considered amenity levels within the proposed units across the full floorplate of each room including the kitchen areas in combined LKDs.

Full results of our internal study and drawings showing the internal layouts of the proposed accommodation with windows and room labels can be found in appendix 2 of this note.

The results of our internal daylight assessment show that the rooms affected by the revisions to their glazing continue to meet the ADF targets for their specific room use. These rooms are identified as First Floor R31 & R32, Second Floor R29 & R30 and Third Floor R29 & R30.

In terms of the remainder of the rooms the ADF analysis across the whole floor area continues to indicate that the vast majority of rooms achieve ADF levels in line with the suggested targets. 237 of the 262 rooms assessed would achieve ADF levels meeting or exceeding the targets for their specific room use indicating a compliance rate of over 90%.

Room Type	ADF Target	Total No. of Rooms	Rooms That Meet ADF Target
LKD, Living Room	1.5%	100	87(87%)
Bedroom	1.0%	162	150 (93%)
Total		262	237 (90%)

Thirteen Living/Dining rooms fall below the 1.5% target they are located between ground and fourth floor level and are all overhung by an external balcony. A direct 'trade off' is evident between BRE compliant daylight levels and private amenity spaces which these units benefit from. Notwithstanding this, the overall the compliance rate for these rooms is considered very good at c.87%. Where deep-set kitchens are marginally affected, these are linked to well-lit primary living spaces as recommended in the BRE guidance and will also benefit from ancillary task lighting.

Of 12 bedrooms which fall below the 1.0% ADF target, 8 of these are just 0.1%-0.3% below the ADF target and therefore considered as only very minor deviations from the ADF target value. The remaining four are secondary bedrooms and as such generally have a lower reliance on daylight.

As noted above both the BRE guidance and the Draft Good Quality Homes for All Londoners Guidance (October 2020) both recognise the constraints arising from balcony provision and encourage flexibility in the application of the internal daylight targets in this respect. Overall internal amenity levels are not significantly reduce when the whole of the room area is considered and, at over 90% compliance, are considered to be excellent for a modern flatted development.

Internal Sunlight Within the Proposed

The Lambert Smith Hampton review queried the internal sunlight provision within the proposed units. Our detailed analysis at appendix 2 has therefore been updated to include an Annual Probable Sunlight Hours study in line with the BRE assessment metrics.

The provision of direct sunlight is orientation specific and it is usual for APSH compliance rates to be lower than diffuse daylight levels. Our assessment shows that 23 of the 39 living spaces that are orientated within 90 degrees of due south will meet or exceed the BRE target for Annual Probable Sunlight Hours (APSH). The 16 rooms that fall below this target are set behind/underneath external balconies which inhibits sky view to a degree but will attain very good sunlight levels to the external amenity space. In Module C of draft Housing Design quality and Standards Supplementary Planning Guidance notes:

'The need for balconies to be a minimum depth so as to function as usable amenity space, (see C4 Dwelling Space Standards), can have significant bearing on the daylight and sunlight levels reaching nearby windows and rooms. Inevitably, any window or room under a balcony will receive much lower daylight and sunlight levels, although the adjacent balcony space will typically have excellent levels of daylight and sunlight amenity.'

As such the trade-off between internal sunlight levels and external balcony provision is well documented and flexibility is encouraged. Overall sunlight compliance within the scheme is considered to be typical of modern developments in an urban location.

Proposed Application of the No Sky Line

The Lambeth Smith Hampton report suggests consideration of the position of the No Sky Line within the proposed units. The relevant BRE guidance refers to the ADF assessment as the primary metric for assessing internal daylight amenity. The guidance note provides a target for no-sky line levels in rooms where a predominantly daylit appearance and indicates a threshold at which supplementary lighting will be required (paragraph C16 of the guide). In respect of the current proposals all of the units are designed with supplementary lighting such that there is no applicable target in respect of the consideration of the No-Sky Line test.

Conclusions

Further to the recent design changes affecting window locations and the façade of the Stanford House scheme we have updated our analysis of the internal daylight levels to the proposed units. In addition we have included additional information to address the queries raised by Lambert Smith Hampton in their review of our detailed report.

Our assessment shows that the amendments to the scheme do not affect the overall internal daylight compliance within the proposals with all of the revised units fully meeting the BRE targets. In response to queries raised by LSH we have also provided information in respect of the daylight levels to the full extent of the floorplate in each room as well as the sunlight levels to the units. These show that amenity levels remain high with the only constraints typically affecting rooms that are overhung by balconies. This is a common constraint recognised with both the existing guide and developing policy noting the trade-off between internal daylight levels and the provision of external amenity space. In respect of the No Sky Line assessment, the targets set out in the BRE guidance identify when spaces may require supplementary

lighting. In respect of the current proposals, ADF is considered the appropriate internal daylight assessment metric.

In addition to the light within the proposed units we have provided the supplementary information requested in respect of the effects of the scheme upon the neighbouring units at block D of the former Nestle Factory development. These results confirm the findings set out in our detailed report with good levels of daylight achieved and the only constraints relating to spaces that are set beneath balconies and / or are particularly deep in plan. Both of these circumstances are specifically noted as a potential constraint within the BRE guidance and flexibility should be applied in respect of these effects.

I trust that the above is useful in confirming the effects of the proposed scheme revisions and addressing the queries raised in the Lambert Smith Hampton review. The additional information and analysis provided confirms the conclusions of our earlier July 2020 report with the proposal being considered to accord with the relevant BRE guidance.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'J.A. Lonergan', with a stylized flourish at the end.

Jonathan Lonergan

Director

On behalf of EB7 Limited



Appendix 1

Window Maps & Results of the ADF & APSH Analysis – Block D ‘Balconies On’

Address	Room	Window	Room Use	Existing ADF		Proposed ADF		Loss	Loss %	Existing APSH		Proposed APSH		Total Retained	Winter Retained
				Window	Total	Window	Total			Total	Winter	Total	Winter		
Block D															
Ground	R1	W1	LKD	3.1		3.1									
		W2		0.9	4.1	0.9	4.1	0.0	0.0	80	26	80	26	1.0	1.0
First	R1	W1	Bedroom	2.8	2.8	1.8	1.8	1.0	35.8	N/F	N/F	N/F	N/F	N/F	N/F
First	R2	W2	Bedroom	2.9	2.9	1.8	1.8	1.1	39.1	N/F	N/F	N/F	N/F	N/F	N/F
First	R3	W3-L	LKD	0.5		0.2									
		W3-U		1.3	1.8	0.7	0.9	0.9	49.9	N/F	N/F	N/F	N/F	N/F	N/F
First	R4	W4	Bedroom	3.1	3.1	1.8	1.8	1.4	43.9	N/F	N/F	N/F	N/F	N/F	N/F
First	R5	W5-L	LKD	0.5		0.3									
		W5-U		1.5	2.0	0.8	1.0	1.0	48.5	N/F	N/F	N/F	N/F	N/F	N/F
First	R6	W6-L	LKD	0.5		0.3									
		W6-U		1.5	2.1	0.8	1.0	1.0	49.6	N/F	N/F	N/F	N/F	N/F	N/F
First	R7	W7	Bedroom	2.9	2.9	1.8	1.8	1.1	37.2	N/F	N/F	N/F	N/F	N/F	N/F
First	R8	W8	Bedroom	3.6	3.6	2.3	2.3	1.3	35.8	N/F	N/F	N/F	N/F	N/F	N/F
First	R9	W9-L	LKD	0.5		0.3									
		W9-U		1.5	2.0	0.6	0.9	1.0	52.7	N/F	N/F	N/F	N/F	N/F	N/F
First	R10	W10	Bedroom	2.9	2.9	2.0	2.0	0.9	30.8	N/F	N/F	N/F	N/F	N/F	N/F
First	R11	W11-L	Bedroom	0.4		0.2									
		W11-U		1.2	1.6	0.5	0.7	0.9	54.9	N/F	N/F	N/F	N/F	N/F	N/F
First	R12	W12-L	LKD	0.3		0.2									
		W12-U		0.8	1.1	0.2	0.4	0.7	64.6	N/F	N/F	N/F	N/F	N/F	N/F
First	R13	W13	Bedroom	1.4	1.4	0.5	0.5	0.9	61.9	N/F	N/F	N/F	N/F	N/F	N/F
First	R14	W14	LKD	1.0		0.7									
		W15-L		0.4		0.4									
		W15-U		1.3	2.6	1.3	2.3	0.3	10.8	29	21	29	21	1.0	1.0
Second	R1	W1-L	LKD	0.8		0.5									
		W1-U		2.4	3.2	1.5	2.0	1.2	36.8	26	14	10	8	0.4	0.6
Second	R2	W2	Bedroom	3.7	3.7	2.8	2.8	0.9	24.5	41	14	28	9	0.7	0.6
Second	R3	W3	Circulation	1.2	1.2	0.9	0.9	0.3	22.9	36	10	25	7	0.7	0.7
Second	R4	W4	Circulation	2.0	2.0	1.5	1.5	0.5	23.5	36	9	22	6	0.6	0.7
Second	R5	W5-L	LKD	0.4		0.3									
		W5-U		1.2	1.6	0.7	1.0	0.6	38.1	N/F	N/F	N/F	N/F	N/F	N/F
Second	R6	W6	Bedroom	3.2	3.2	2.4	2.4	0.8	26.2	N/F	N/F	N/F	N/F	N/F	N/F
Second	R7	W7	Bedroom	3.3	3.3	2.4	2.4	0.9	27.2	N/F	N/F	N/F	N/F	N/F	N/F
Second	R8	W8-L	LKD	0.5		0.3									
		W8-U		1.5	2.0	1.0	1.3	0.7	36.1	N/F	N/F	N/F	N/F	N/F	N/F
Second	R9	W9	Bedroom	3.4	3.4	2.2	2.2	1.2	34.4	N/F	N/F	N/F	N/F	N/F	N/F
Second	R10	W10	Bedroom	3.7	3.7	2.3	2.3	1.4	37.7	N/F	N/F	N/F	N/F	N/F	N/F

Address	Room	Window	Room Use	Existing ADF		Proposed ADF		Loss	Loss %	Existing APSH		Proposed APSH		Total Retained	Winter Retained
				Window	Total	Window	Total			Total	Winter	Total	Winter		
Second	R11	W11-L	LKD	0.6		0.3									
		W11-U		1.6	2.2	0.8	1.1	1.1	49.5	N/F	N/F	N/F	N/F	N/F	N/F
Second	R12	W12	Bedroom	3.3	3.3	2.0	2.0	1.4	41.4	N/F	N/F	N/F	N/F	N/F	N/F
Second	R13	W13-L	LKD	0.6		0.3									
		W13-U		1.7	2.2	0.9	1.2	1.1	47.2	N/F	N/F	N/F	N/F	N/F	N/F
Second	R14	W14-L	LKD	0.6		0.3									
		W14-U		1.6	2.2	0.9	1.2	1.0	46.6	N/F	N/F	N/F	N/F	N/F	N/F
Second	R15	W15	Bedroom	3.1	3.1	2.0	2.0	1.1	34.4	N/F	N/F	N/F	N/F	N/F	N/F
Second	R16	W16	Bedroom	3.7	3.7	2.5	2.5	1.2	32.9	N/F	N/F	N/F	N/F	N/F	N/F
Second	R17	W17-L	LKD	0.6		0.4									
		W17-U		1.6	2.2	0.9	1.2	0.9	43.0	N/F	N/F	N/F	N/F	N/F	N/F
Second	R18	W18	Bedroom	3.5	3.5	2.5	2.5	0.9	26.6	N/F	N/F	N/F	N/F	N/F	N/F
Second	R19	W19-L	Bedroom	0.7		0.5									
		W19-U		2.3	3.0	1.2	1.7	1.3	43.9	N/F	N/F	N/F	N/F	N/F	N/F
Second	R20	W20-L	LKD	0.3		0.2									
		W20-U		1.0	1.4	0.5	0.7	0.7	50.1	N/F	N/F	N/F	N/F	N/F	N/F
Second	R21	W21	LKD	1.4		1.1									
		W22-L		0.4		0.4									
		W22-U		1.1	2.9	1.1	2.6	0.3	10.5	30	21	30	21	1.0	1.0
Third	R1	W1-L	LKD	0.8		0.5									
		W1-U		2.4	3.2	1.5	2.1	1.1	35.3	25	14	9	8	0.4	0.6
Third	R2	W2	Bedroom	3.5	3.5	2.7	2.7	0.8	23.0	39	14	26	9	0.7	0.6
Third	R3	W3	Circulation	1.1	1.1	0.9	0.9	0.2	18.5	37	11	28	8	0.8	0.7
Third	R4	W4	Circulation	1.9	1.9	1.5	1.5	0.4	21.6	37	9	23	6	0.6	0.7
Third	R5	W5-L	LKD	0.4		0.3									
		W5-U		1.2	1.6	0.8	1.1	0.6	34.9	N/F	N/F	N/F	N/F	N/F	N/F
Third	R6	W6	Bedroom	3.4	3.4	2.6	2.6	0.8	22.5	N/F	N/F	N/F	N/F	N/F	N/F
Third	R7	W7	Bedroom	3.5	3.5	2.7	2.7	0.8	23.9	N/F	N/F	N/F	N/F	N/F	N/F
Third	R8	W8-L	LKD	0.5		0.4									
		W8-U		1.6	2.1	1.1	1.5	0.7	31.6	N/F	N/F	N/F	N/F	N/F	N/F
Third	R9	W9	Bedroom	3.4	3.4	2.4	2.4	1.1	30.9	N/F	N/F	N/F	N/F	N/F	N/F
Third	R10	W10	Bedroom	3.8	3.8	2.5	2.5	1.3	34.1	N/F	N/F	N/F	N/F	N/F	N/F
Third	R11	W11-L	LKD	0.6		0.3									
		W11-U		1.6	2.2	0.9	1.2	1.0	45.9	N/F	N/F	N/F	N/F	N/F	N/F
Third	R12	W12	LKD	3.3	3.3	2.1	2.1	1.2	36.5	N/F	N/F	N/F	N/F	N/F	N/F
Third	R13	W13-L	LKD	0.6		0.3									
		W13-U		1.7	2.3	0.9	1.3	1.0	43.1	N/F	N/F	N/F	N/F	N/F	N/F
Third	R14	W14-L	LKD	0.6		0.4									
		W14-U		1.7	2.2	1.0	1.3	0.9	41.7	N/F	N/F	N/F	N/F	N/F	N/F

Address	Room	Window	Room Use	Existing ADF		Proposed ADF		Loss	Loss %	Existing APSH		Proposed APSH		Total Retained	Winter Retained
				Window	Total	Window	Total			Total	Winter	Total	Winter		
Third	R15	W15	Bedroom	3.1	3.1	2.2	2.2	0.9	29.4	N/F	N/F	N/F	N/F	N/F	N/F
Third	R16	W16	Bedroom	3.7	3.7	2.7	2.7	1.0	27.5	N/F	N/F	N/F	N/F	N/F	N/F
Third	R17	W17-L	LKD	0.6		0.4									
		W17-U		1.7	2.3	1.1	1.5	0.8	34.2	N/F	N/F	N/F	N/F	N/F	N/F
Third	R18	W18	Bedroom	3.6	3.6	2.9	2.9	0.8	20.7	N/F	N/F	N/F	N/F	N/F	N/F
Third	R19	W19-L	Bedroom	0.8		0.6									
		W19-U		2.5	3.3	1.7	2.3	1.0	29.8	N/F	N/F	N/F	N/F	N/F	N/F
Third	R20	W20-L	LKD	0.4		0.3									
		W20-U		1.2	1.6	0.9	1.2	0.5	28.0	N/F	N/F	N/F	N/F	N/F	N/F
Third	R21	W21	LKD	1.5		1.2									
		W22-L		0.5		0.5									
		W22-U		2.0	4.0	2.0	3.7	0.3	6.6	77	26	77	26	1.0	1.0
Fourth	R1	W1-L	LKD	1.1		0.8									
		W1-U		3.9	4.9	2.8	3.6	1.4	27.9	53	15	30	9	0.6	0.6
Fourth	R2	W2	Bedroom	3.8	3.8	2.9	2.9	0.9	24.2	46	14	30	11	0.7	0.8
Fourth	R3	W3	Circulation	1.2	1.2	1.0	1.0	0.2	15.8	38	11	30	8	0.8	0.7
Fourth	R4	W4	Circulation	2.0	2.0	1.6	1.6	0.4	18.8	37	9	25	7	0.7	0.8
Fourth	R5	W5-L	LKD	0.5		0.4									
		W5-U		1.4	1.9	1.0	1.4	0.5	26.0	N/F	N/F	N/F	N/F	N/F	N/F
Fourth	R6	W6	Bedroom	3.6	3.6	2.9	2.9	0.7	19.2	N/F	N/F	N/F	N/F	N/F	N/F
Fourth	R7	W7	Bedroom	3.7	3.7	2.9	2.9	0.8	20.9	N/F	N/F	N/F	N/F	N/F	N/F
Fourth	R8	W8-L	LKD	0.6		0.4									
		W8-U		1.7	2.2	1.2	1.6	0.6	28.2	N/F	N/F	N/F	N/F	N/F	N/F
Fourth	R9	W9	Bedroom	3.5	3.5	2.5	2.5	1.0	27.3	N/F	N/F	N/F	N/F	N/F	N/F
Fourth	R10	W10	Bedroom	3.8	3.8	2.6	2.6	1.2	30.7	N/F	N/F	N/F	N/F	N/F	N/F
Fourth	R11	W11-L	LKD	0.6		0.4									
		W11-U		1.6	2.2	0.9	1.3	0.9	42.4	N/F	N/F	N/F	N/F	N/F	N/F
Fourth	R12	W12	Bedroom	3.4	3.4	2.3	2.3	1.1	31.5	N/F	N/F	N/F	N/F	N/F	N/F
Fourth	R13	W13-L	LKD	0.6		0.4									
		W13-U		1.7	2.3	1.0	1.4	0.9	39.4	N/F	N/F	N/F	N/F	N/F	N/F
Fourth	R14	W14-L	LKD	0.0		0.0									
		W14-U		1.7	1.7	1.0	1.0	0.7	39.4	N/F	N/F	N/F	N/F	N/F	N/F
Fourth	R15	W15	Bedroom	2.5	2.5	1.8	1.8	0.7	29.2	N/F	N/F	N/F	N/F	N/F	N/F
Fourth	R16	W16	Bedroom	2.7	2.7	2.0	2.0	0.7	25.5	N/F	N/F	N/F	N/F	N/F	N/F
Fourth	R17	W17-L	LKD	0.7		0.6									
		W17-U		2.8	3.5	2.2	2.8	0.7	19.7	N/F	N/F	N/F	N/F	N/F	N/F
Fourth	R18	W18	Bedroom	3.9	3.9	3.2	3.2	0.7	16.7	N/F	N/F	N/F	N/F	N/F	N/F
Fourth	R19	W19-L	Bedroom	1.1		0.9									
		W19-U		4.3	5.4	3.6	4.6	0.8	14.8	N/F	N/F	N/F	N/F	N/F	N/F

Address	Room	Window	Room Use	Existing ADF		Proposed ADF		Loss	Loss %	Existing APSH		Proposed APSH		Total Retained	Winter Retained
				Window	Total	Window	Total			Total	Winter	Total	Winter		
Fourth	R20	W20-L	LKD	0.7		0.6									
		W20-U		2.5		2.2									
		W21-L		0.3		0.3									
		W21-U		1.1	4.5	1.1	4.1	0.4	9.0	67	24	66	24	1.0	1.0
Fifth	R1	W1	Bedroom	3.7	3.7	3.2	3.2	0.5	12.3	N/F	N/F	N/F	N/F	N/F	N/F
Fifth	R2	W2-L	LKD	0.6		0.5									
		W2-U		1.7	2.3	1.4	1.9	0.4	17.7	N/F	N/F	N/F	N/F	N/F	N/F
Fifth	R3	W3	Bedroom	3.7	3.7	3.1	3.1	0.6	16.5	N/F	N/F	N/F	N/F	N/F	N/F
Fifth	R4	W4	Bedroom	3.7	3.7	3.1	3.1	0.7	18.1	N/F	N/F	N/F	N/F	N/F	N/F
Fifth	R5	W5-L	LKD	0.6		0.4									
		W5-U		1.7	2.2	1.2	1.7	0.6	26.1	N/F	N/F	N/F	N/F	N/F	N/F
Fifth	R6	W6	Bedroom	3.5	3.5	2.7	2.7	0.8	23.6	N/F	N/F	N/F	N/F	N/F	N/F
Fifth	R7	W7	Bedroom	3.8	3.8	2.8	2.8	1.0	26.6	N/F	N/F	N/F	N/F	N/F	N/F
Fifth	R8	W8-L	LKD	0.6		0.4									
		W8-U		1.7	2.2	1.0	1.4	0.8	37.6	N/F	N/F	N/F	N/F	N/F	N/F
Fifth	R9	W9	Bedroom	2.9	2.9	2.1	2.1	0.8	26.4	N/F	N/F	N/F	N/F	N/F	N/F
Fifth	R10	W10-L	LKD	0.6		0.4									
		W10-U		1.7	2.3	1.1	1.5	0.8	33.8	N/F	N/F	N/F	N/F	N/F	N/F
Fifth	R11	W11	Bedroom	2.8	2.8	2.0	2.0	0.8	30.1	N/F	N/F	N/F	N/F	N/F	N/F
Fifth	R12	W12	Bedroom	4.3	4.3	3.4	3.4	0.9	20.5	N/F	N/F	N/F	N/F	N/F	N/F
Fifth	R13	W13-L	LKD	0.5		0.4									
		W13-U		1.4		1.0									
		W14-L		0.5		0.5									
		W14-U		1.5		1.5									
		W15		1.8	5.6	1.8	5.2	0.5	8.5	59	27	58	27	1.0	1.0
Sixth	R1	W1	Bedroom	3.7	3.7	3.3	3.3	0.4	10.3	N/F	N/F	N/F	N/F	N/F	N/F
Sixth	R2	W2-L	LKD	0.6		0.5									
		W2-U		1.7	2.3	1.4	1.9	0.4	15.7	N/F	N/F	N/F	N/F	N/F	N/F
Sixth	R3	W3	Bedroom	3.7	3.7	3.2	3.2	0.5	13.6	N/F	N/F	N/F	N/F	N/F	N/F
Sixth	R4	W4	Bedroom	3.7	3.7	3.2	3.2	0.6	14.9	N/F	N/F	N/F	N/F	N/F	N/F
Sixth	R5	W5-L	LKD	0.6		0.5									
		W5-U		1.7	2.3	1.3	1.7	0.5	23.9	N/F	N/F	N/F	N/F	N/F	N/F
Sixth	R6	W6	Bedroom	3.5	3.5	2.9	2.9	0.7	19.5	N/F	N/F	N/F	N/F	N/F	N/F
Sixth	R7	W7	Bedroom	3.8	3.8	3.0	3.0	0.8	21.8	N/F	N/F	N/F	N/F	N/F	N/F
Sixth	R8	W8-L	LKD	0.6		0.4									
		W8-U		1.7	2.3	1.1	1.5	0.7	32.8	N/F	N/F	N/F	N/F	N/F	N/F
Sixth	R9	W9	Bedroom	2.9	2.9	2.3	2.3	0.6	21.1	N/F	N/F	N/F	N/F	N/F	N/F
Sixth	R10	W10-L	LKD	0.6		0.5									
		W10-U		1.7	2.3	1.2	1.7	0.7	28.0	N/F	N/F	N/F	N/F	N/F	N/F

Address	Room	Window	Room Use	Existing ADF		Proposed ADF		Loss	Loss %	Existing APSH		Proposed APSH		Total Retained	Winter Retained
				Window	Total	Window	Total			Total	Winter	Total	Winter		
Sixth	R11	W11	Bedroom	3.9	3.9	3.3	3.3	0.7	17.4	N/F	N/F	N/F	N/F	N/F	N/F
Sixth	R12	W12	Bedroom	5.2	5.2	4.4	4.4	0.8	15.7	N/F	N/F	N/F	N/F	N/F	N/F
Sixth	R13	W13-L	LKD	0.5		0.4									
		W13-U		1.4		1.1									
		W14-L		0.5		0.5									
		W14-U		1.5		1.5									
		W15		1.1	4.9	1.1	4.6	0.4	7.2	48	25	47	25	1.0	1.0
Seventh	R1	W1	Bedroom	3.7	3.7	3.4	3.4	0.3	8.0	N/F	N/F	N/F	N/F	N/F	N/F
Seventh	R2	W2-L	LKD	0.6		0.5									
		W2-U		1.7	2.3	1.5	2.0	0.3	12.4	N/F	N/F	N/F	N/F	N/F	N/F
Seventh	R3	W3	Bedroom	3.8	3.8	3.4	3.4	0.4	10.6	N/F	N/F	N/F	N/F	N/F	N/F
Seventh	R4	W4	Bedroom	3.8	3.8	3.3	3.3	0.4	11.7	N/F	N/F	N/F	N/F	N/F	N/F
Seventh	R5	W5-L	LKD	0.6		0.5									
		W5-U		1.7	2.3	1.4	1.8	0.4	18.8	N/F	N/F	N/F	N/F	N/F	N/F
Seventh	R6	W6	Bedroom	3.6	3.6	3.0	3.0	0.5	15.2	N/F	N/F	N/F	N/F	N/F	N/F
Seventh	R7	W7	Bedroom	3.8	3.8	3.2	3.2	0.6	16.7	N/F	N/F	N/F	N/F	N/F	N/F
Seventh	R8	W8-L	LKD	0.6		0.5									
		W8-U		1.7	2.3	1.2	1.7	0.6	24.7	N/F	N/F	N/F	N/F	N/F	N/F
Seventh	R9	W9	Bedroom	3.0	3.0	2.5	2.5	0.5	15.8	N/F	N/F	N/F	N/F	N/F	N/F
Seventh	R10	W10-L	LKD	0.8		0.6									
		W10-U		2.8	3.6	2.4	3.0	0.5	14.9	N/F	N/F	N/F	N/F	N/F	N/F
Seventh	R11	W11	Bedroom	4.0	4.0	3.5	3.5	0.5	13.0	N/F	N/F	N/F	N/F	N/F	N/F
Seventh	R12	W12	Bedroom	5.4	5.4	4.8	4.8	0.6	11.6	N/F	N/F	N/F	N/F	N/F	N/F
Seventh	R13	W13-L	LKD	0.6		0.5									
		W13-U		2.2		2.0									
		W14-L		0.7		0.7									
		W14-U		2.5		2.5									
		W15		1.7	7.8	1.7	7.5	0.3	3.8	75	27	74	27	1.0	1.0
Eighth	R1	W1	Bedroom	3.8	3.8	3.6	3.6	0.2	5.7	N/F	N/F	N/F	N/F	N/F	N/F
Eighth	R2	W2-L	LKD	0.6		0.5									
		W2-U		1.7	2.3	1.6	2.1	0.2	8.7	N/F	N/F	N/F	N/F	N/F	N/F
Eighth	R3	W3	Bedroom	3.8	3.8	3.5	3.5	0.3	7.5	N/F	N/F	N/F	N/F	N/F	N/F
Eighth	R4	W4	LKD	3.8	3.8	3.5	3.5	0.3	8.3	N/F	N/F	N/F	N/F	N/F	N/F
Eighth	R5	W5-L	LKD	0.6		0.5									
		W5-U		1.7	2.3	1.5	2.0	0.3	13.1	N/F	N/F	N/F	N/F	N/F	N/F
Eighth	R6	W6	Bedroom	3.6	3.6	3.2	3.2	0.4	10.7	N/F	N/F	N/F	N/F	N/F	N/F
Eighth	R7	W7	Bedroom	3.9	3.9	3.4	3.4	0.4	11.5	N/F	N/F	N/F	N/F	N/F	N/F
Eighth	R8	W8-L	LKD	0.6		0.5									
		W8-U		1.7		1.4									
		W9		0.9	3.1	0.9	2.8	0.4	11.9	63	24	61	24	1.0	1.0

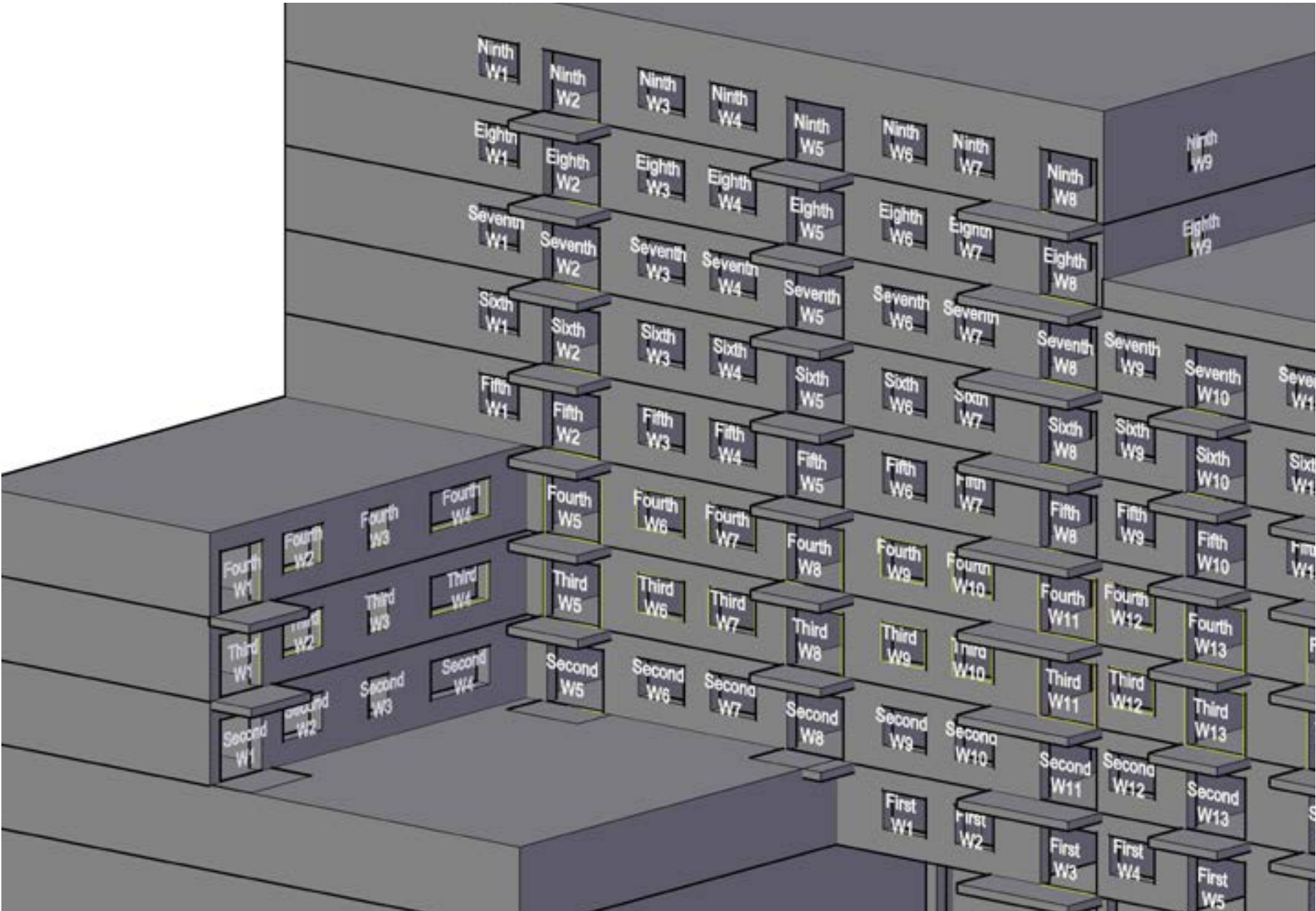
Address	Room	Window	Room Use	Existing ADF		Proposed ADF		Loss	Loss %	Existing APSH		Proposed APSH		Total Retained	Winter Retained
				Window	Total	Window	Total			Total	Winter	Total	Winter		
Ninth	R1	W1	Bedroom	3.9	3.9	3.8	3.8	0.1	3.5	N/F	N/F	N/F	N/F	N/F	N/F
Ninth	R2	W2-L	LKD	0.7		0.7									
		W2-U		2.7	3.5	2.6	3.3	0.1	4.2	N/F	N/F	N/F	N/F	N/F	N/F
Ninth	R3	W3	Bedroom	3.9	3.9	3.7	3.7	0.2	4.6	N/F	N/F	N/F	N/F	N/F	N/F
Ninth	R4	W4	Bedroom	3.9	3.9	3.7	3.7	0.2	5.1	N/F	N/F	N/F	N/F	N/F	N/F
Ninth	R5	W5-L	LKD	0.7		0.7									
		W5-U		2.7	3.5	2.6	3.3	0.2	6.1	N/F	N/F	N/F	N/F	N/F	N/F
Ninth	R6	W6	Bedroom	3.7	3.7	3.5	3.5	0.2	6.3	N/F	N/F	N/F	N/F	N/F	N/F
Ninth	R7	W7	Bedroom	4.4	4.4	4.1	4.1	0.3	6.5	N/F	N/F	N/F	N/F	N/F	N/F
Ninth	R8	W8-L	LKD	0.8		0.7									
		W8-U		2.9		2.7									
		W9		0.9	4.5	0.9	4.3	0.2	5.4	63	24	62	24	1.0	1.0

Sources of information

Terrain Surveys Ltd
TS16-053W1-2D-MM-RevA.dwg
TS16-053W1-3D-MM-RevA.dwg
Received 04/03/2016

BM Architects
1820 - 181105 Render File.skp
Block C & D Eighth Floor Plan_A0_P2.pdf
Block C & D Fifth Floor Plan_A0_P2.pdf
Block C & D First Floor Plan_A0_P3.pdf
Block C & D Fourth Floor Plan_A0_P2.pdf
Block C & D Ground Floor Plan_A0_P2.pdf
Block C & D Ninth floor.pdf
Block C & D Roof Floor Plan_A0_P2.pdf
Block C & D Second Floor Plan_A0_P3.pdf
Block C & D Seventh Floor Plan_A0_P2.pdf
Block C & D Sixth Floor Plan_A0_P2.pdf
Block C & D Third Floor Plan_A0_P3.pdf
Block D1 & D4 Floor plans.pdf
Block D3 - Ground - 2nd.pdf
D_oracleorahome_2portalimagesdv_pl_files1331_APP_2017_1883HB 207_Block D2, D3 All Floor Plans_A0_P3.pdf
Masterplan roof heights.pdf
Nestles Ave Elevation.pdf
Received 11/09/2018

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Project Hayes Acquisition

Title Block D
Window Map

Drawn KO Checked --

Date 29/11/2018 Project 3252

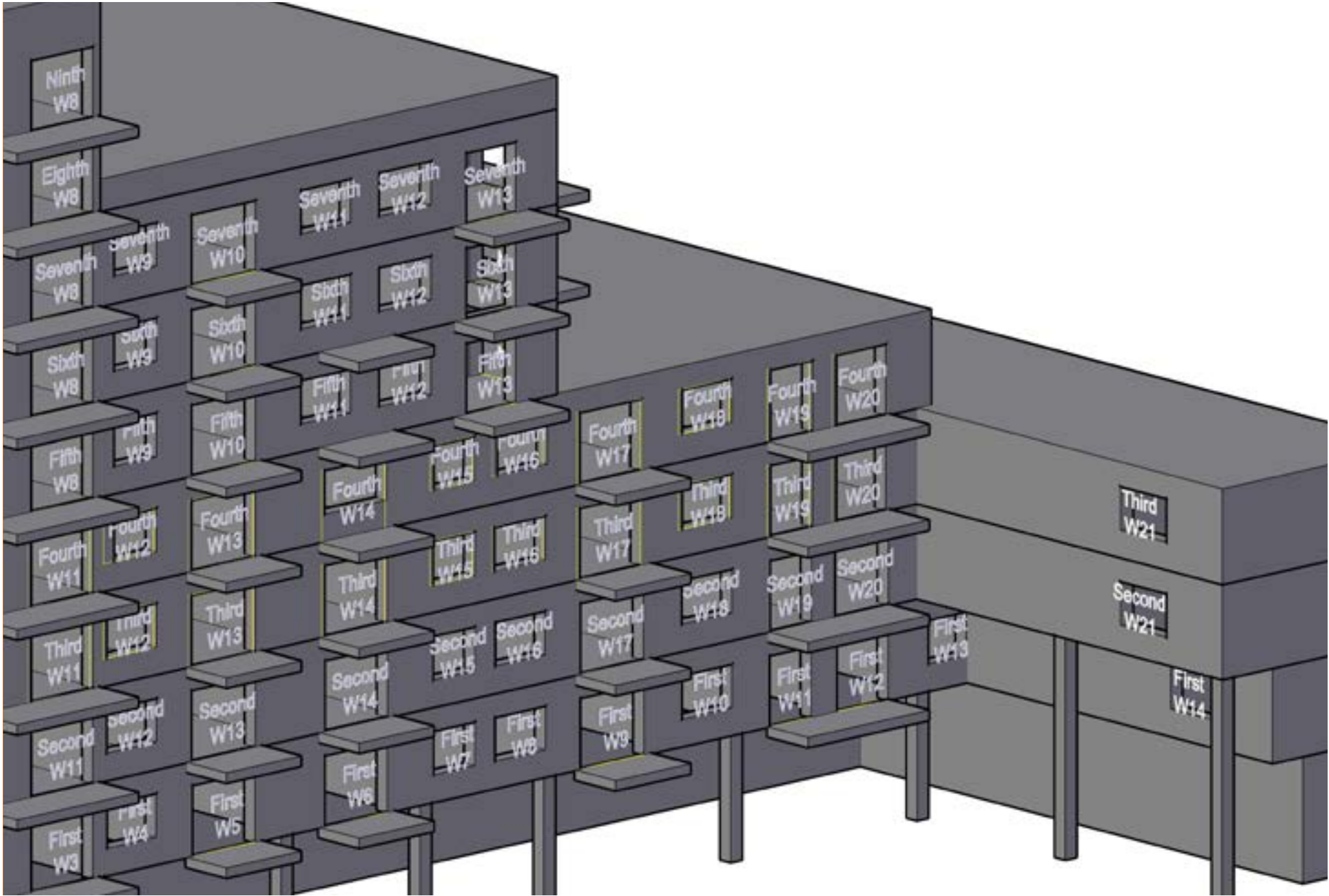
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Sources of information

Terrain Surveys Ltd
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TS16-053W1-3D-MM-RevA.dwg
Received 04/03/2016

BM Architects
1820 - 181105 Render File.skp
Block C & D Eighth Floor Plan_A0_P2.pdf
Block C & D Fifth Floor Plan_A0_P2.pdf
Block C & D First Floor Plan_A0_P3.pdf
Block C & D Fourth Floor Plan_A0_P2.pdf
Block C & D Ground Floor Plan_A0_P2.pdf
Block C & D Ninth floor.pdf
Block C & D Roof Floor Plan_A0_P2.pdf
Block C & D Second Floor Plan_A0_P3.pdf
Block C & D Seventh Floor Plan_A0_P2.pdf
Block C & D Sixth Floor Plan_A0_P2.pdf
Block C & D Third Floor Plan_A0_P3.pdf
Block D1 & D4 Floor plans.pdf
Block D3 - Ground - 2nd.pdf
D_oracleorahome_2portalimagesdv_pl_files1331_APP_2017_1883HB 207_Block D2, D3 All Floor Plans_A0_P3.pdf
Masterplan roof heights.pdf
Nestles Ave Elevation.pdf
Received 11/09/2018

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Project Hayes Acquisition

Title Block D
Window Map

Drawn KO Checked --

Date 29/11/2018 Project 3252

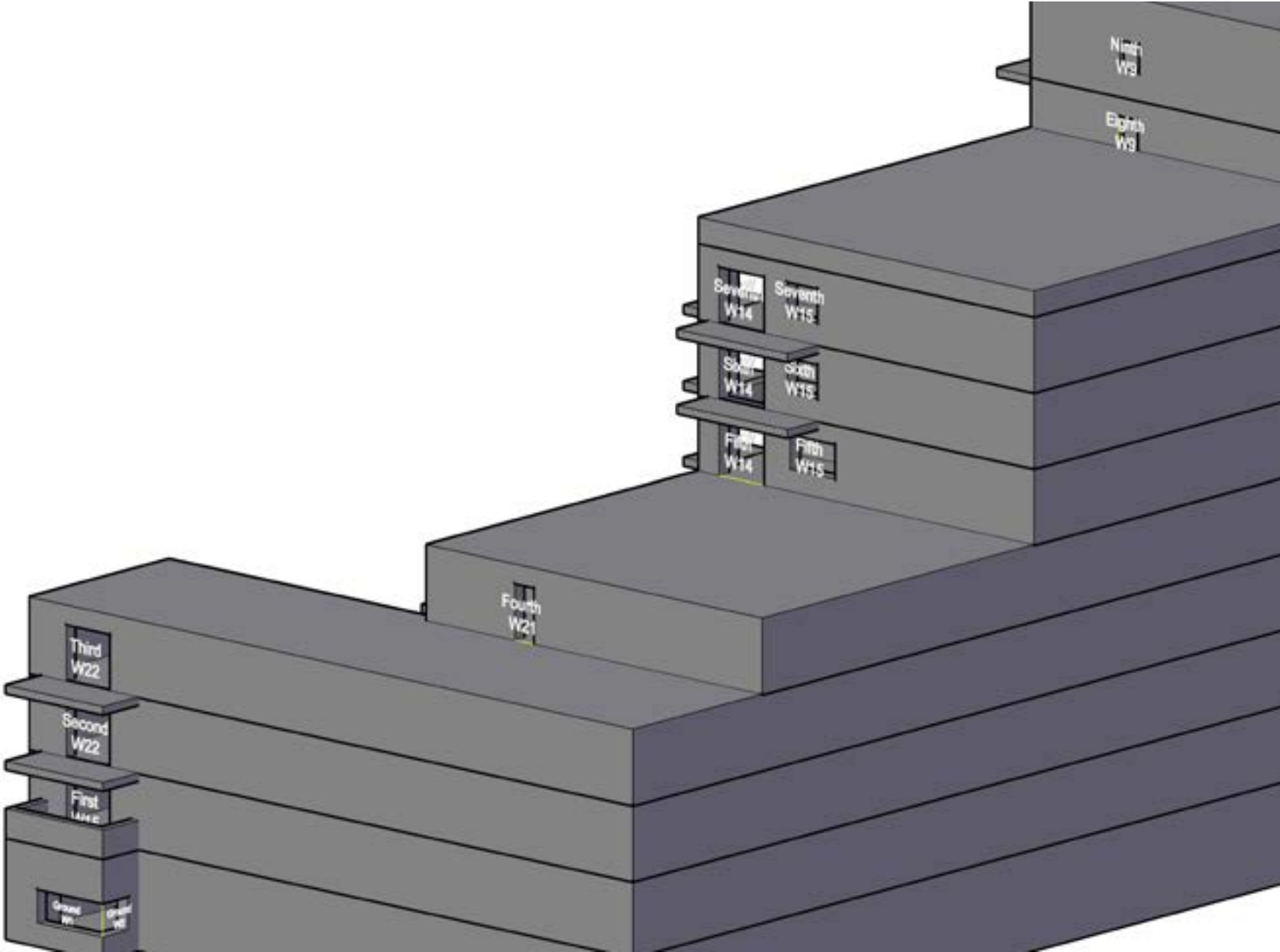
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Sources of information

Terrain Surveys Ltd
TS16-053W1-2D-MM-RevA.dwg
TS16-053W1-3D-MM-RevA.dwg
Received 04/03/2016

BM Architects
1820 - 181105 Render File.skp
Block C & D Eighth Floor Plan_A0_P2.pdf
Block C & D Fifth Floor Plan_A0_P2.pdf
Block C & D First Floor Plan_A0_P3.pdf
Block C & D Fourth Floor Plan_A0_P2.pdf
Block C & D Ground Floor Plan_A0_P2.pdf
Block C & D Ninth floor.pdf
Block C & D Roof Floor Plan_A0_P2.pdf
Block C & D Second Floor Plan_A0_P3.pdf
Block C & D Seventh Floor Plan_A0_P2.pdf
Block C & D Sixth Floor Plan_A0_P2.pdf
Block C & D Third Floor Plan_A0_P3.pdf
Block D1 & D4 Floor plans.pdf
Block D3 - Ground - 2nd.pdf
D_oracleorahome_2portalimagesdv_pl_files1331_APP_2017_1883HB 207_Block D2, D3 All Floor Plans_A0_P3.pdf
Masterplan roof heights.pdf
Nestles Ave Elevation.pdf
Received 11/09/2018

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Project Hayes Acquisition

Title Block D
Window Map

Drawn KO Checked --

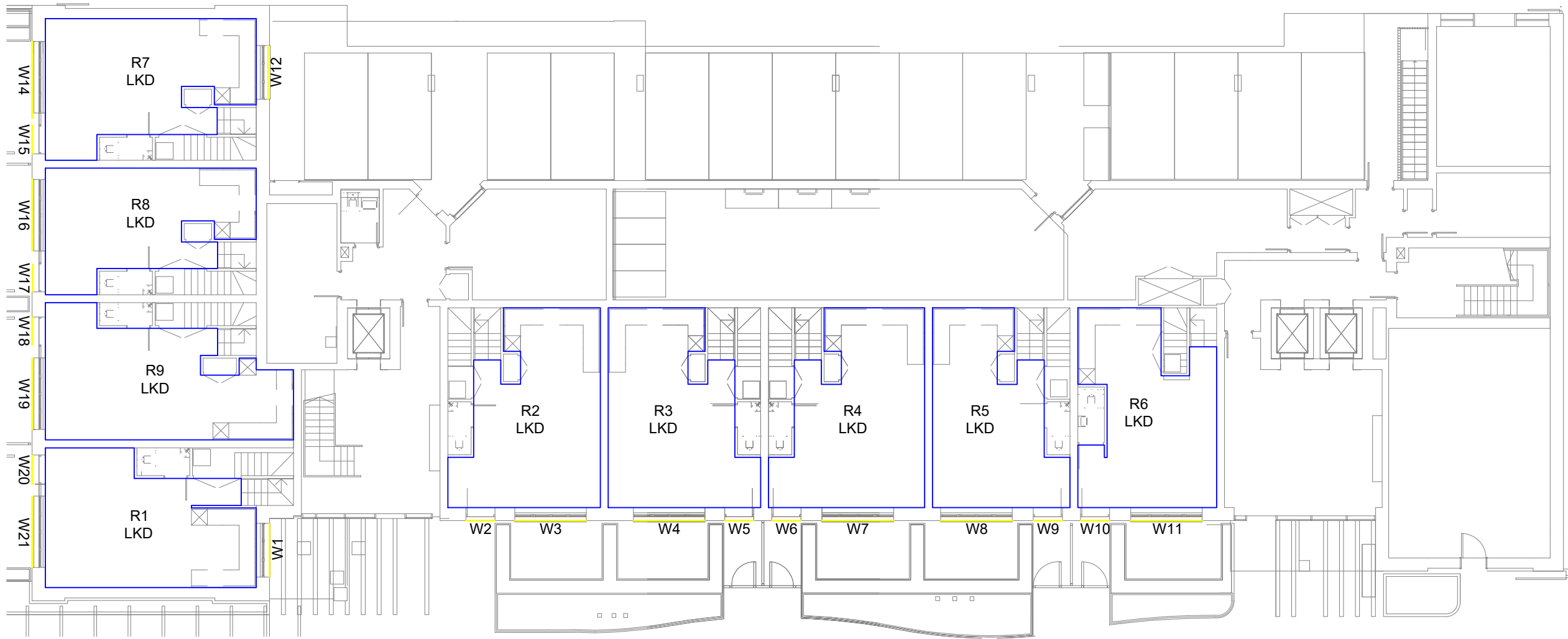
Date 29/11/2018 Project 3252

Rel no. 03 Prefix DS02 Page no. WM12



Appendix 2

Results of the daylight and sunlight assessments
within proposed scheme



Sources of information

Terrain Surveys Ltd
TS16-053W1-2D-MM-RevA.dwg
TS16-053W1-3D-MM-RevA.dwg
Received 04/03/2016

Tatehindle Limited
15406-A-(05) - 100A_06.dwg
15406-A-(72) - 102A_05.dwg
Received 11/11/2020

15406-A-(05) - 102_09.dwg
15406-A-(72) - 101A_08.dwg
15406-A-(05) - 104_02.dwg
Received 17/11/2020

15406-A-(05) - 100_012.dwg
15406-A-(05) - 102_010.dwg
15406-A-(72) - 102A_06.dwg
Received 19/11/2020

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Project Hayes Acquisition

Title Ground Floor
Room Layout

Drawn AP Checked --

Date 19/11/2020 Project 3252

Rel no. 08 Prefix ID04 Page no. ID01

Sources of information

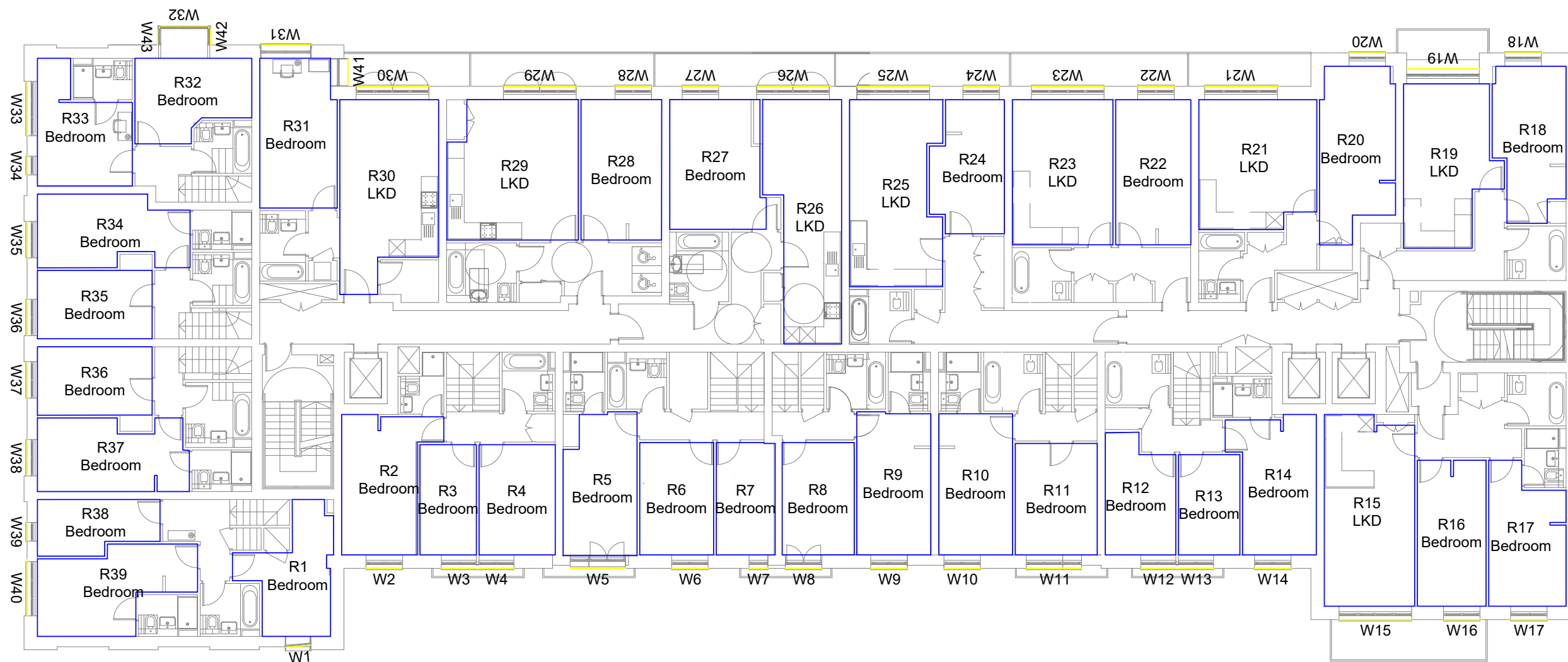
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Received 04/03/2016

Tatehindle Limited
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Received 11/11/2020

15406-A-(05) - 102_09.dwg
15406-A-(72) - 101A_08.dwg
15406-A-(05) - 104_02.dwg
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15406-A-(05) - 100_012.dwg
15406-A-(05) - 102_010.dwg
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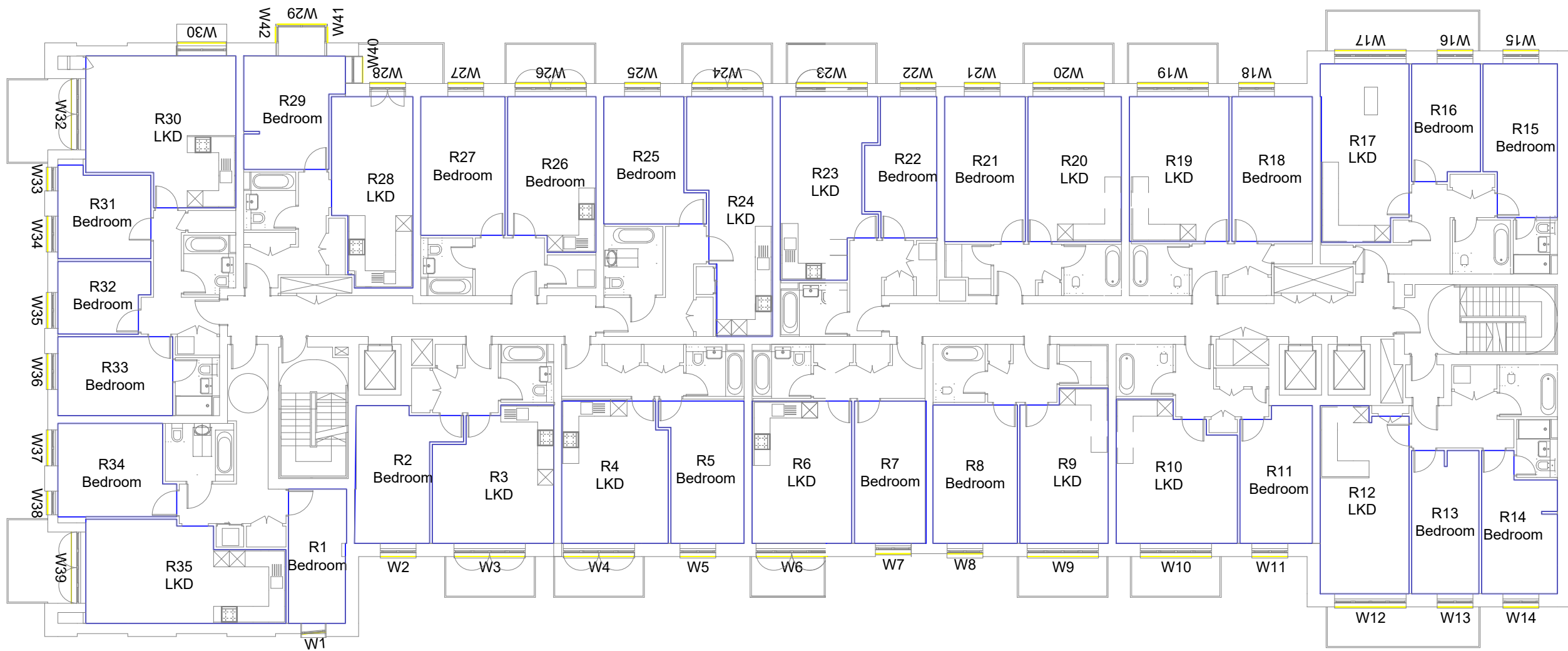
Project Hayes Acquisition

Title First Floor
Room Layout

Drawn AP Checked --

Date 19/11/2020 Project 3252

Rel no. 08 Prefix ID04 Page no. ID02



Sources of information

Terrain Surveys Ltd
TS16-053W1-2D-MM-RevA.dwg
TS16-053W1-3D-MM-RevA.dwg
Received 04/03/2016

Tatehindle Limited
15406-A-(05) - 100A_06.dwg
15406-A-(72) - 102A_05.dwg
Received 11/11/2020

15406-A-(05) - 102_09.dwg
15406-A-(72) - 101A_08.dwg
15406-A-(05) - 104_02.dwg
Received 17/11/2020

15406-A-(05) - 100_012.dwg
15406-A-(05) - 102_010.dwg
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Received 19/11/2020

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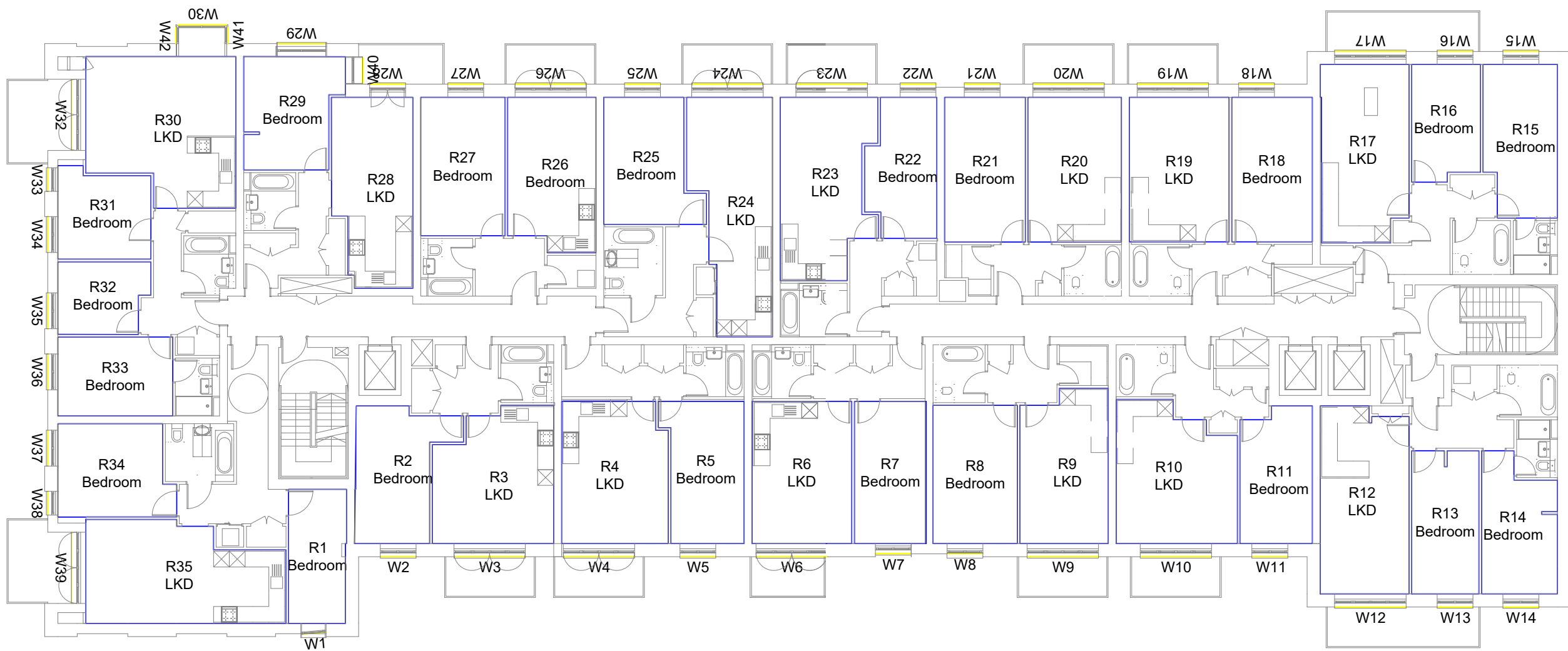
Project Hayes Acquisition

Title Second Floor
Room Layout

Drawn AP Checked --

Date 19/11/2020 Project 3252

Rel no. 08 Prefix ID04 Page no. ID03



Sources of information

Terrain Surveys Ltd
TS16-053W1-2D-MM-RevA.dwg
TS16-053W1-3D-MM-RevA.dwg
Received 04/03/2016

Tatehindle Limited
15406-A-(05) - 100A_06.dwg
15406-A-(72) - 102A_05.dwg
Received 11/11/2020

15406-A-(05) - 102_09.dwg
15406-A-(72) - 101A_08.dwg
15406-A-(05) - 104_02.dwg
Received 17/11/2020

15406-A-(05) - 100_012.dwg
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Received 19/11/2020

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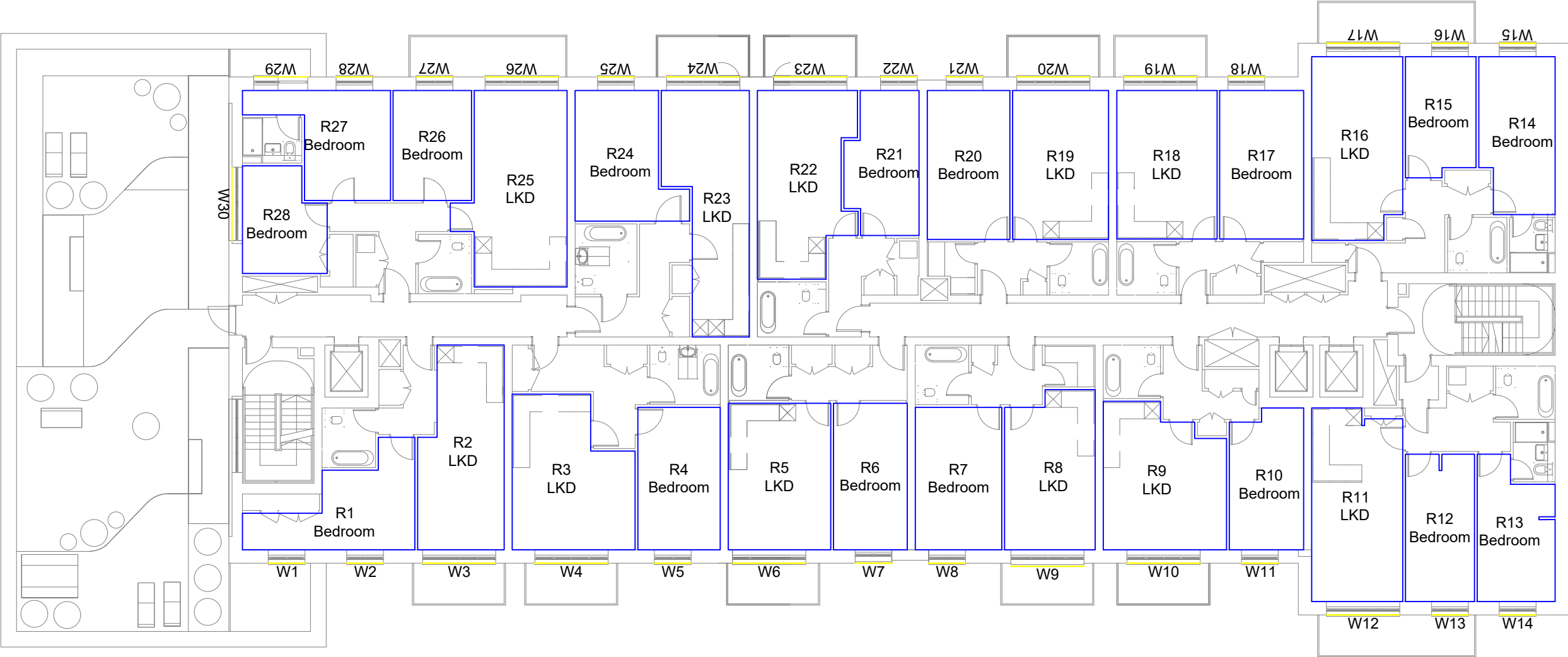
Project Hayes Acquisition

Title Third Floor
Room Layout

Drawn AP Checked --

Date 19/11/2020 Project 3252

Rel no. 08 Prefix ID04 Page no. ID04



Sources of information

Terrain Surveys Ltd
TS16-053W1-2D-MM-RevA.dwg
TS16-053W1-3D-MM-RevA.dwg
Received 04/03/2016

Tatehindle Limited
15406-A-(05) - 100A_06.dwg
15406-A-(72) - 102A_05.dwg
Received 11/11/2020

15406-A-(05) - 102_09.dwg
15406-A-(72) - 101A_08.dwg
15406-A-(05) - 104_02.dwg
Received 17/11/2020

15406-A-(05) - 100_012.dwg
15406-A-(05) - 102_010.dwg
15406-A-(72) - 102A_06.dwg
Received 19/11/2020

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Site Photographs
Ordnance Survey



Project Hayes Acquisition

Title Fourth Floor
Room Layout

Drawn AP Checked --

Date 19/11/2020 Project 3252

Rel no. 08 Prefix ID04 Page no. ID05

Sources of information

Terrain Surveys Ltd
TS16-053W1-2D-MM-RevA.dwg
TS16-053W1-3D-MM-RevA.dwg
Received 04/03/2016

Tatehindle Limited
15406-A-(05) - 100A_06.dwg
15406-A-(72) - 102A_05.dwg
Received 11/11/2020

15406-A-(05) - 102_09.dwg
15406-A-(72) - 101A_08.dwg
15406-A-(05) - 104_02.dwg
Received 17/11/2020

15406-A-(05) - 100_012.dwg
15406-A-(05) - 102_010.dwg
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Received 19/11/2020

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Ordnance Survey

NORTH



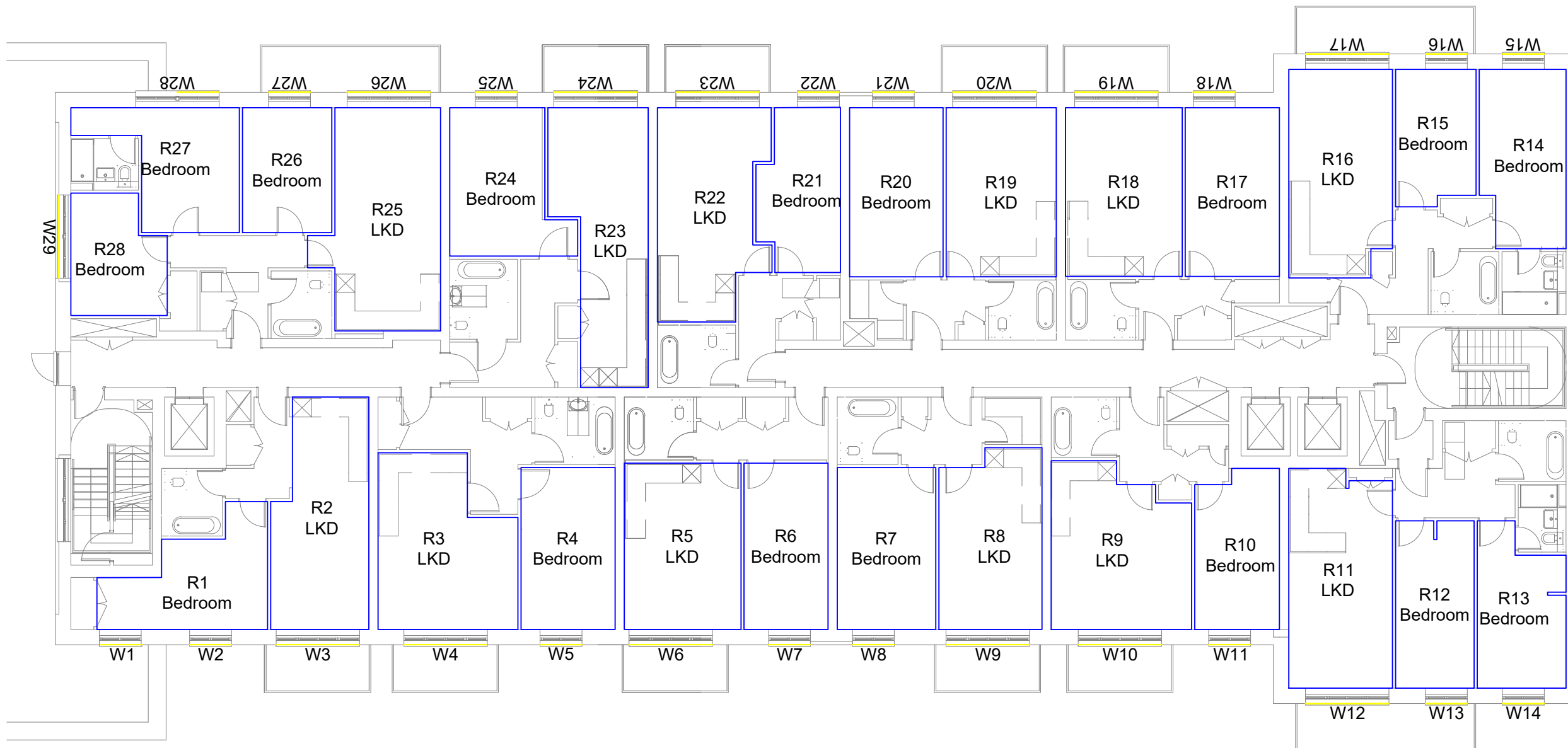
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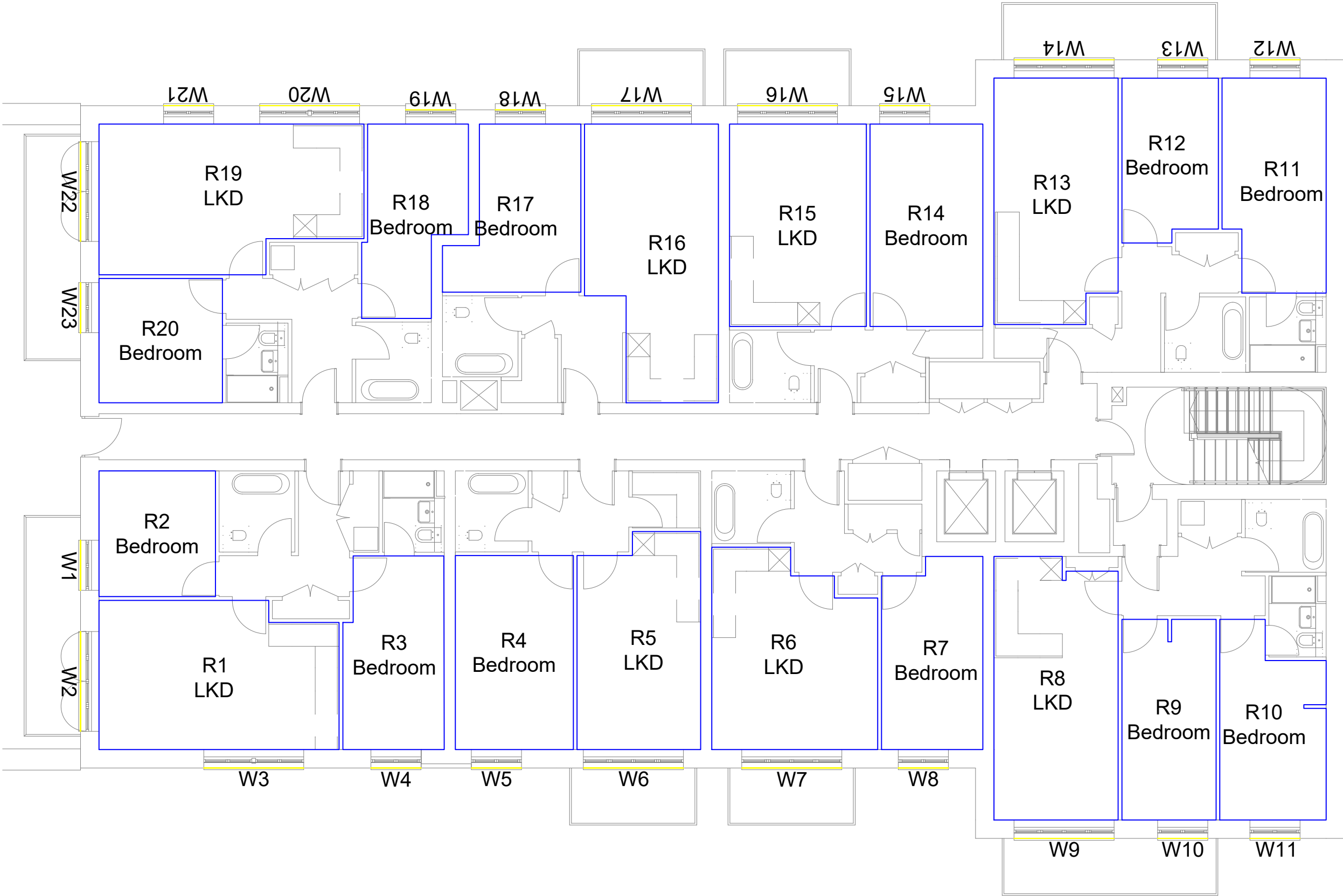
Title Fifth Floor
Room Layout

Drawn AP Checked --

Date 19/11/2020 Project 3252

Rel no. 08 Prefix ID04 Page no. ID06





Sources of information

Terrain Surveys Ltd
TS16-053W1-2D-MM-RevA.dwg
TS16-053W1-3D-MM-RevA.dwg
Received 04/03/2016

Tatehindle Limited
15406-A-(05) - 100A_06.dwg
15406-A-(72) - 102A_05.dwg
Received 11/11/2020

15406-A-(05) - 102_09.dwg
15406-A-(72) - 101A_08.dwg
15406-A-(05) - 104_02.dwg
Received 17/11/2020

15406-A-(05) - 100_012.dwg
15406-A-(05) - 102_010.dwg
15406-A-(72) - 102A_06.dwg
Received 19/11/2020

EB7 Ltd
Site Photographs
Ordnance Survey



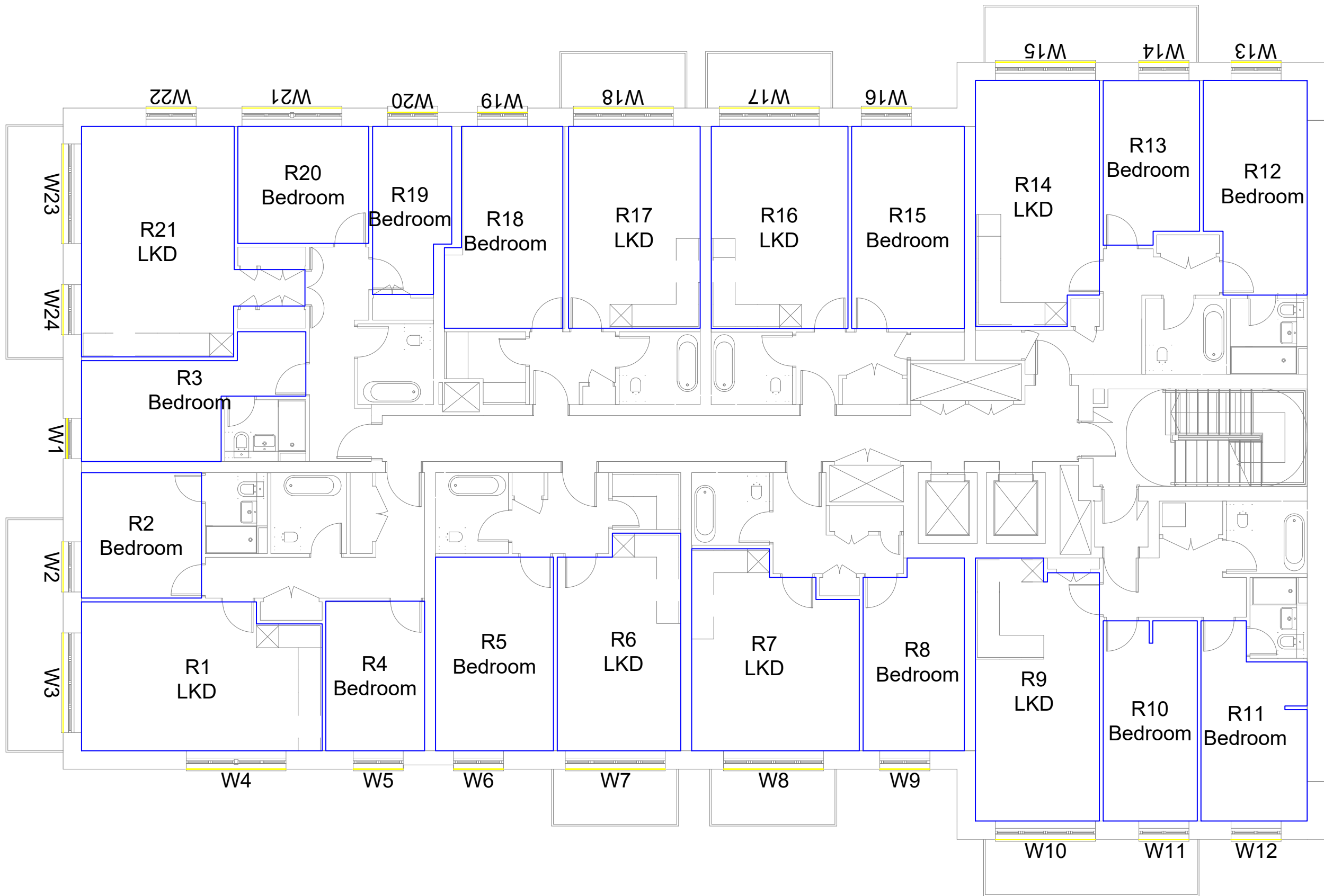
Project Hayes Acquisition

Title Sixth Floor
Room Layout

Drawn AP Checked --

Date 19/11/2020 Project 3252

Rel no. 08 Prefix ID04 Page no. ID07



Sources of information

Terrain Surveys Ltd
TS16-053W1-2D-MM-RevA.dwg
TS16-053W1-3D-MM-RevA.dwg
Received 04/03/2016

Tatehindle Limited
15406-A-(05) - 100A_06.dwg
15406-A-(72) - 102A_05.dwg
Received 11/11/2020

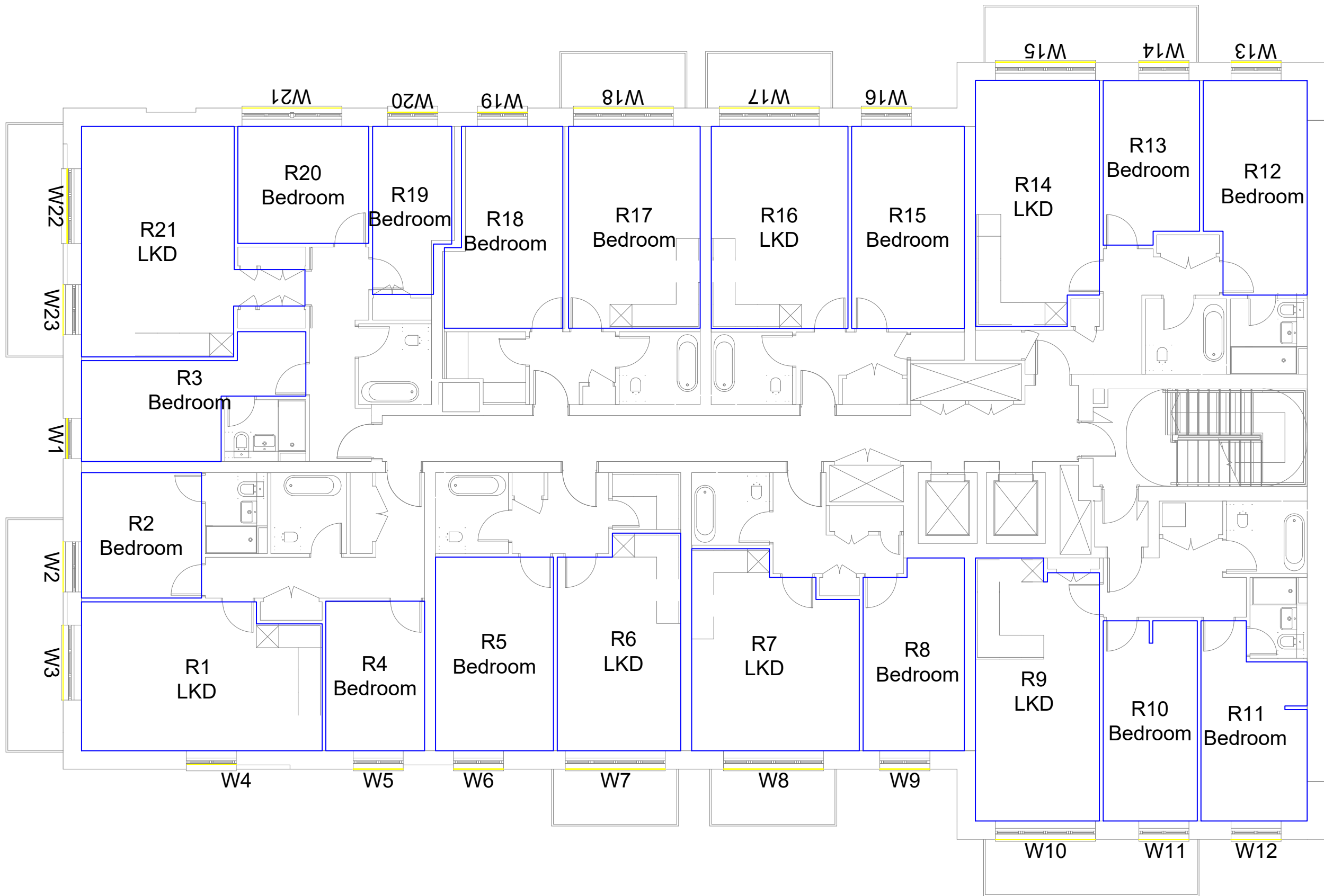
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15406-A-(05) - 102_010.dwg
15406-A-(72) - 102A_06.dwg
Received 19/11/2020

EB7 Ltd
Site Photographs
Ordnance Survey



Project	Hayes Acquisition		
Title	Seventh Floor Room Layout		
Drawn	AP	Checked	--
Date	19/11/2020	Project	3252
Rel no.	08	Prefix	ID04
		Page no.	ID08



Sources of information

Terrain Surveys Ltd
TS16-053W1-2D-MM-RevA.dwg
TS16-053W1-3D-MM-RevA.dwg
Received 04/03/2016

Tatehindle Limited
15406-A-(05) - 100A_06.dwg
15406-A-(72) - 102A_05.dwg
Received 11/11/2020

15406-A-(05) - 102_09.dwg
15406-A-(72) - 101A_08.dwg
15406-A-(05) - 104_02.dwg
Received 17/11/2020

15406-A-(05) - 100_012.dwg
15406-A-(05) - 102_010.dwg
15406-A-(72) - 102A_06.dwg
Received 19/11/2020

EB7 Ltd
Site Photographs
Ordnance Survey

NORTH



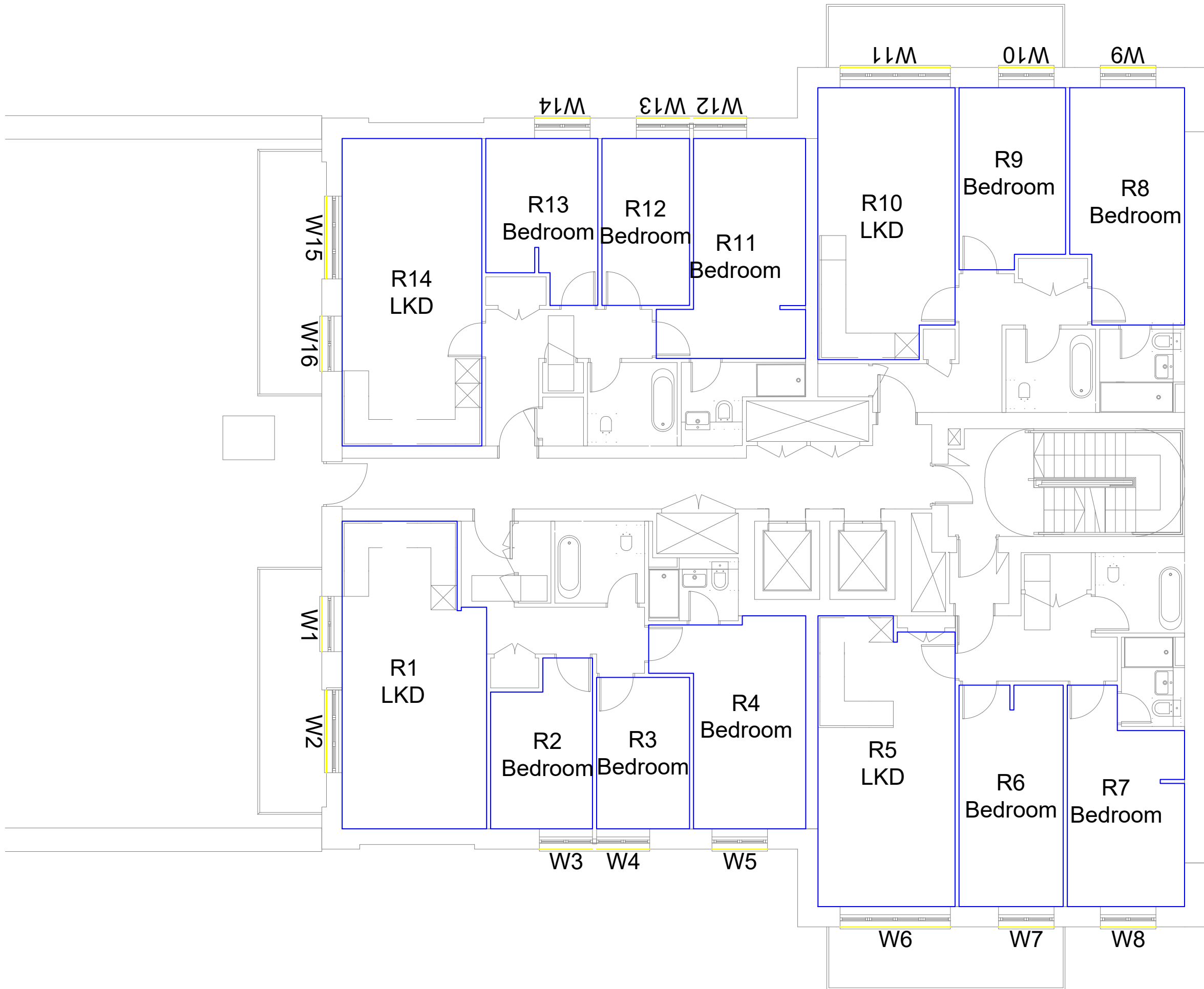
Project Hayes Acquisition

Title Eighth Floor
Room Layout

Drawn AP Checked --

Date 19/11/2020 Project 3252

Rel no. 08 Prefix ID04 Page no. ID09



Sources of information

Terrain Surveys Ltd
TS16-053W1-2D-MM-RevA.dwg
TS16-053W1-3D-MM-RevA.dwg
Received 04/03/2016

Tatehindle Limited
15406-A-(05) - 100A_06.dwg
15406-A-(72) - 102A_05.dwg
Received 11/11/2020

15406-A-(05) - 102_09.dwg
15406-A-(72) - 101A_08.dwg
15406-A-(05) - 104_02.dwg
Received 17/11/2020

15406-A-(05) - 100_012.dwg
15406-A-(05) - 102_010.dwg
15406-A-(72) - 102A_06.dwg
Received 19/11/2020

EB7 Ltd
Site Photographs
Ordnance Survey

NORTH



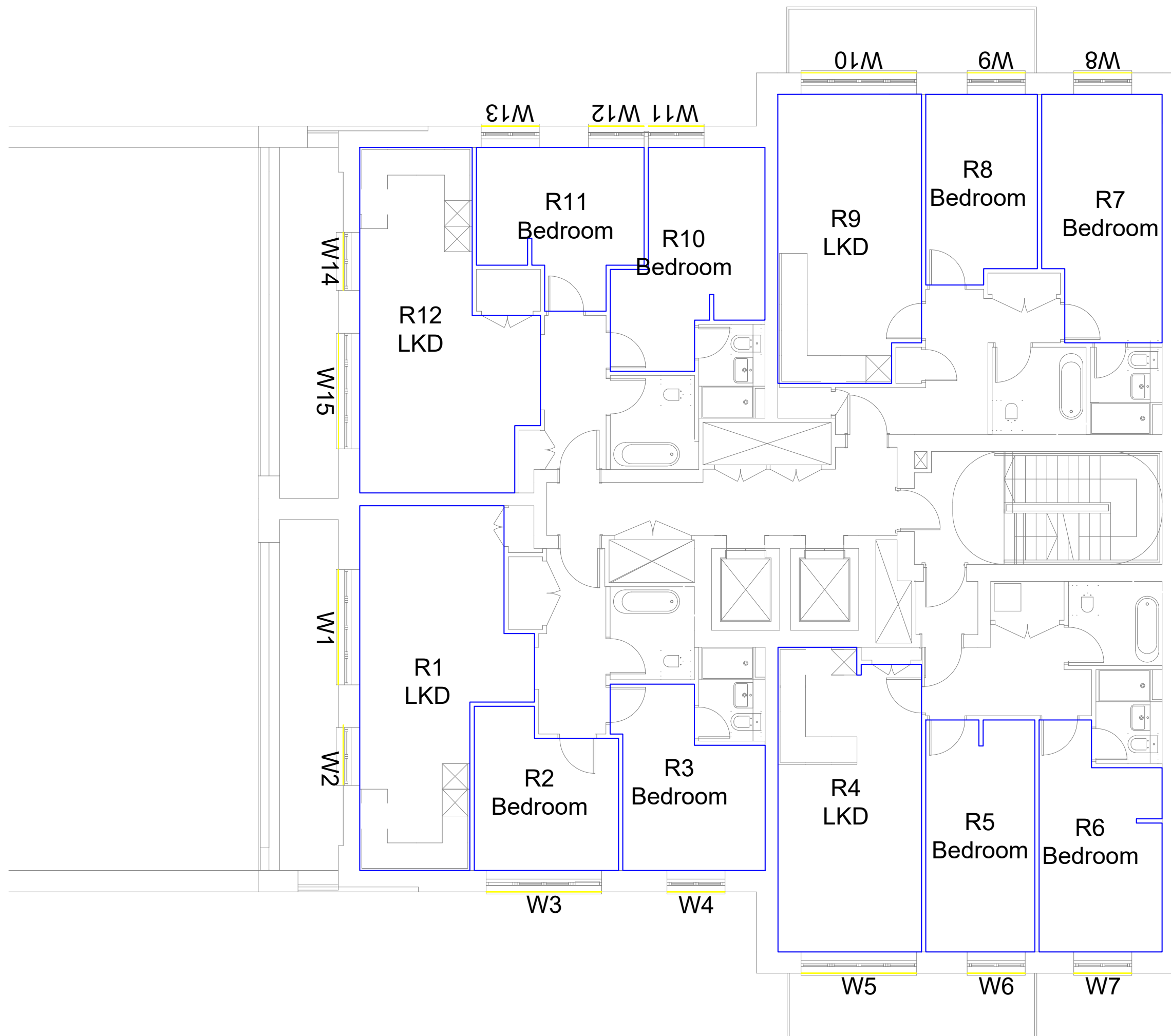
Project Hayes Acquisition

Title Ninth Floor
Room Layout

Drawn AP Checked --

Date 19/11/2020 Project 3252

Rel no. 08 Prefix ID04 Page no. ID10



Sources of information

Terrain Surveys Ltd
TS16-053W1-2D-MM-RevA.dwg
TS16-053W1-3D-MM-RevA.dwg
Received 04/03/2016

Tatehindle Limited
15406-A-(05) - 100A_06.dwg
15406-A-(72) - 102A_05.dwg
Received 11/11/2020

15406-A-(05) - 102_09.dwg
15406-A-(72) - 101A_08.dwg
15406-A-(05) - 104_02.dwg
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15406-A-(05) - 100_012.dwg
15406-A-(05) - 102_010.dwg
15406-A-(72) - 102A_06.dwg
Received 19/11/2020

EB7 Ltd
Site Photographs
Ordnance Survey

NORTH



Project Hayes Acquisition

Title Tenth Floor
Room Layout

Drawn AP Checked --

Date 19/11/2020 Project 3252

Rel no. 08 Prefix ID04 Page no. ID11

Floor	Room ID	Window ID	Room Use	VSC	Win. Trans.	Glazing Area	Theta	Room Area	Room	Split Calc Multiplier	ADF	TOTAL ADF
Proposed												
Ground	R1	W1	LKD	0.14	0.68	0.98	4.05	153.53	0.72	1.00	0.0	
		W20-L	LKD	28.15	0.68	0.76	66.39	153.53	0.72	0.15	0.1	
		W20-U	LKD	26.52	0.68	1.24	63.59	153.53	0.72	1.00	0.7	
		W21-L	LKD	30.90	0.68	1.84	71.30	153.53	0.72	0.15	0.2	
		W21-U	LKD	28.92	0.68	3.03	67.74	153.53	0.72	1.00	1.9	2.9
Ground	R2	W2-L	LKD	12.11	0.68	0.75	39.30	149.77	0.72	0.15	0.0	
		W2-U	LKD	10.31	0.68	1.23	35.95	149.77	0.72	1.00	0.4	
		W3-L	LKD	14.05	0.68	1.84	42.76	149.77	0.72	0.15	0.1	
		W3-U	LKD	11.70	0.68	3.04	38.55	149.77	0.72	1.00	1.1	1.7
Ground	R3	W4-L	LKD	14.80	0.68	1.84	44.07	149.81	0.72	0.15	0.1	
		W4-U	LKD	12.29	0.68	3.04	39.62	149.81	0.72	1.00	1.1	
		W5-L	LKD	11.86	0.68	0.75	38.85	149.81	0.72	0.15	0.0	
		W5-U	LKD	9.81	0.68	1.23	34.97	149.81	0.72	1.00	0.4	1.7
Ground	R4	W6-L	LKD	11.24	0.68	0.75	37.71	152.59	0.72	0.15	0.0	
		W6-U	LKD	9.15	0.68	1.23	33.68	152.59	0.72	1.00	0.4	
		W7-L	LKD	13.99	0.68	1.84	42.65	152.59	0.72	0.15	0.1	
		W7-U	LKD	11.01	0.68	3.04	37.28	152.59	0.72	1.00	1.1	1.6
Ground	R5	W8-L	LKD	13.21	0.68	1.85	41.29	138.24	0.73	0.15	0.1	
		W8-U	LKD	10.20	0.68	3.04	35.72	138.24	0.73	1.00	1.1	
		W9-L	LKD	9.59	0.68	0.75	34.56	138.24	0.73	0.15	0.0	
		W9-U	LKD	7.35	0.68	1.23	29.96	138.24	0.73	1.00	0.4	1.7
Ground	R6	W10-L	LKD	9.31	0.68	0.75	34.01	148.70	0.73	0.15	0.0	
		W10-U	LKD	7.39	0.68	1.23	30.04	148.70	0.73	1.00	0.4	
		W11-L	LKD	10.46	0.68	1.84	36.23	148.70	0.73	0.15	0.1	
		W11-U	LKD	7.70	0.68	3.04	30.70	148.70	0.73	1.00	0.9	1.4
Ground	R7	W12	LKD	0.00	0.68	0.98	0.00	151.10	0.73	1.00	0.0	
		W14-L	LKD	32.60	0.68	1.85	74.47	151.10	0.73	0.15	0.2	
		W14-U	LKD	29.68	0.68	3.05	69.09	151.10	0.73	1.00	2.0	
		W15-L	LKD	28.62	0.68	0.75	67.22	151.10	0.73	0.15	0.1	
		W15-U	LKD	26.72	0.68	1.23	63.93	151.10	0.73	1.00	0.7	3.0
Ground	R8	W16-L	LKD	32.97	0.68	1.85	75.17	138.94	0.73	0.15	0.2	
		W16-U	LKD	29.57	0.68	3.05	68.89	138.94	0.73	1.00	2.2	
		W17-L	LKD	28.23	0.68	0.71	66.53	138.94	0.73	0.15	0.1	
		W17-U	LKD	25.89	0.68	1.17	62.53	138.94	0.73	1.00	0.8	3.3
Ground	R9	W18-L	LKD	28.46	0.68	0.72	66.93	158.61	0.72	0.15	0.1	
		W18-U	LKD	26.29	0.68	1.18	63.20	158.61	0.72	1.00	0.7	
		W19-L	LKD	32.58	0.68	1.85	74.43	158.61	0.72	0.15	0.2	
		W19-U	LKD	29.38	0.68	3.04	68.56	158.61	0.72	1.00	1.9	2.8
First	R1	W1-L	Bedroom	9.80	0.68	0.62	34.96	72.06	0.75	0.15	0.1	
		W1-U	Bedroom	6.29	0.68	1.02	27.59	72.06	0.75	1.00	0.6	0.7
First	R2	W2-L	Bedroom	11.19	0.68	0.91	37.61	82.18	0.74	0.15	0.1	
		W2-U	Bedroom	10.60	0.68	1.50	36.50	82.18	0.74	1.00	1.0	1.1
First	R3	W3-L	Bedroom	9.04	0.68	0.89	33.47	50.54	0.75	0.15	0.1	
		W3-U	Bedroom	3.01	0.68	1.46	18.92	50.54	0.75	1.00	0.8	1.0
First	R4	W4-L	Bedroom	9.43	0.68	0.89	34.25	60.65	0.74	0.15	0.1	
		W4-U	Bedroom	2.89	0.68	1.46	18.53	60.65	0.74	1.00	0.7	0.8
First	R5	W5-L	Bedroom	10.53	0.68	1.40	36.35	71.13	0.74	0.15	0.2	
		W5-U	Bedroom	3.08	0.68	2.31	19.14	71.13	0.74	1.00	0.9	1.1
First	R6	W6-L	Bedroom	14.65	0.68	0.94	43.80	60.27	0.74	0.15	0.2	

Floor	Room ID	Window ID	Room Use	VSC	Win. Trans.	Glazing Area	Theta	Room Area	Room	Split Calc Multiplier	ADF	TOTAL ADF
First	R7	W6-U	Bedroom	13.12	0.68	1.52	41.13	60.27	0.74	1.00	1.6	1.7
		W7-L	Bedroom	6.84	0.68	0.48	28.83	52.57	0.75	0.15	0.1	
		W7-U	Bedroom	3.28	0.68	0.78	19.78	52.57	0.75	1.00	0.5	0.5
First	R8	W8-L	Bedroom	8.40	0.68	0.92	32.16	59.33	0.74	0.15	0.1	
		W8-U	Bedroom	2.18	0.68	1.52	15.99	59.33	0.74	1.00	0.6	0.7
First	R9	W9-L	Bedroom	14.62	0.68	0.94	43.76	72.58	0.74	0.15	0.1	
		W9-U	Bedroom	12.01	0.68	1.53	39.13	72.58	0.74	1.00	1.2	1.3
First	R10	W10-L	Bedroom	14.13	0.68	0.94	42.91	71.92	0.74	0.15	0.1	
		W10-U	Bedroom	11.96	0.68	1.52	39.04	71.92	0.74	1.00	1.2	1.4
First	R11	W11-L	Bedroom	7.25	0.68	1.40	29.73	63.97	0.74	0.15	0.1	
		W11-U	Bedroom	2.62	0.68	2.31	17.62	63.97	0.74	1.00	0.9	1.1
First	R12	W12-L	Bedroom	5.38	0.68	0.88	25.42	60.24	0.74	0.15	0.1	
		W12-U	Bedroom	1.91	0.68	1.45	14.96	60.24	0.74	1.00	0.5	0.6
First	R13	W13-L	Bedroom	5.52	0.68	0.89	25.77	49.36	0.75	0.15	0.1	
		W13-U	Bedroom	1.28	0.68	1.46	12.19	49.36	0.75	1.00	0.6	0.7
First	R14	W14-L	Bedroom	8.66	0.68	0.94	32.70	78.22	0.74	0.15	0.1	
		W14-U	Bedroom	7.01	0.68	1.52	29.20	78.22	0.74	1.00	0.9	0.9
First	R15	W15-L	LKD	3.56	0.68	1.82	20.62	104.60	0.73	0.15	0.1	
		W15-U	LKD	1.35	0.68	3.08	12.53	104.60	0.73	1.00	0.5	0.6
First	R16	W16-L	Bedroom	3.06	0.68	0.89	19.09	73.85	0.74	0.15	0.1	
		W16-U	Bedroom	0.74	0.68	1.54	9.45	73.85	0.74	1.00	0.3	0.3
First	R17	W17-L	Bedroom	8.02	0.68	0.92	31.39	75.40	0.74	0.15	0.1	
		W17-U	Bedroom	5.77	0.68	1.54	26.36	75.40	0.74	1.00	0.8	0.9
First	R18	W18-L	Bedroom	27.16	0.68	0.92	64.68	74.24	0.74	0.15	0.2	
		W18-U	Bedroom	25.56	0.68	1.52	61.98	74.24	0.74	1.00	1.9	2.1
First	R19	W19-L	LKD	15.78	0.68	1.84	45.74	90.58	0.73	0.15	0.2	
		W19-U	LKD	8.67	0.68	3.04	32.72	90.58	0.73	1.00	1.6	1.8
First	R20	W20-L	Bedroom	20.24	0.68	0.92	53.16	87.43	0.74	0.15	0.1	
		W20-U	Bedroom	12.87	0.68	1.52	40.68	87.43	0.74	1.00	1.1	1.2
First	R21	W21-L	LKD	23.60	0.68	1.80	58.70	90.37	0.73	0.15	0.3	
		W21-U	LKD	22.57	0.68	3.08	57.01	90.37	0.73	1.00	2.8	3.0
First	R22	W22-L	Bedroom	17.63	0.68	0.90	48.85	74.36	0.73	0.15	0.1	
		W22-U	Bedroom	12.50	0.68	1.54	40.01	74.36	0.73	1.00	1.2	1.4
First	R23	W23-L	LKD	20.87	0.68	1.80	54.20	89.74	0.73	0.15	0.2	
		W23-U	LKD	13.69	0.68	3.08	42.14	89.74	0.73	1.00	2.1	2.3
First	R24	W24-L	Bedroom	23.76	0.68	0.90	58.98	66.70	0.74	0.15	0.2	
		W24-U	Bedroom	24.91	0.68	1.54	60.87	66.70	0.74	1.00	2.1	2.3
First	R25	W25-L	LKD	26.16	0.68	1.80	62.98	104.22	0.73	0.15	0.2	
		W25-U	LKD	24.39	0.68	3.08	60.02	104.22	0.73	1.00	2.6	2.8
First	R26	W26-L	LKD	19.42	0.68	1.79	51.82	109.45	0.73	0.15	0.2	
		W26-U	LKD	14.13	0.68	3.09	42.90	109.45	0.73	1.00	1.8	2.0
First	R27	W27-L	Bedroom	20.16	0.68	0.90	53.03	78.23	0.73	0.15	0.1	
		W27-U	Bedroom	14.11	0.68	1.55	42.87	78.23	0.73	1.00	1.2	1.4

Floor	Room ID	Window ID	Room Use	VSC	Win. Trans.	Glazing Area	Theta	Room Area	Room	Split Calc Multiplier	ADF	TOTAL ADF
First	R28	W28-L	Bedroom	20.94	0.68	0.90	54.31	75.60	0.73	0.15	0.1	1.9
		W28-U	Bedroom	23.25	0.68	1.55	58.13	75.60	0.73	1.00	1.8	
First	R29	W29-L	LKD	21.98	0.68	1.79	56.03	103.29	0.72	0.15	0.2	2.0
		W29-U	LKD	14.28	0.68	3.09	43.16	103.29	0.72	1.00	1.8	
First	R30	W30-L	LKD	18.76	0.68	1.79	50.72	105.77	0.73	0.15	0.2	1.9
		W30-U	LKD	12.39	0.68	3.08	39.81	105.77	0.73	1.00	1.7	
First	R31	W31	Bedroom	11.93	0.68	0.86	38.99	76.81	0.73	1.00	0.6	1.3
		W41-L	Bedroom	8.82	0.68	0.65	33.02	76.81	0.73	0.15	0.1	
		W41-U	Bedroom	5.80	0.68	1.08	26.44	76.81	0.73	1.00	0.5	
First	R32	W32	Bedroom	28.86	0.68	0.75	67.64	63.37	0.74	1.00	1.2	2.8
		W42-L	Bedroom	15.32	0.68	0.41	44.95	63.37	0.74	0.15	0.1	
		W42-U	Bedroom	15.22	0.68	0.63	44.78	63.37	0.74	1.00	0.7	
		W43-L	Bedroom	17.24	0.68	0.41	48.20	63.37	0.74	0.15	0.1	
		W43-U	Bedroom	18.09	0.68	0.63	49.62	63.37	0.74	1.00	0.7	
First	R33	W33-L	Bedroom	27.12	0.68	1.39	64.61	72.72	0.74	0.15	0.3	3.5
		W33-U	Bedroom	17.92	0.68	2.26	49.33	72.72	0.74	1.00	2.3	
		W34-L	Bedroom	22.63	0.68	0.47	57.11	72.72	0.74	0.15	0.1	
		W34-U	Bedroom	17.90	0.68	0.78	49.30	72.72	0.74	1.00	0.8	
First	R34	W35-L	Bedroom	31.21	0.68	0.93	71.85	76.04	0.74	0.15	0.2	2.2
		W35-U	Bedroom	28.71	0.68	1.51	67.37	76.04	0.74	1.00	2.0	
First	R35	W36-L	Bedroom	31.18	0.68	0.92	71.81	58.33	0.74	0.15	0.3	2.9
		W36-U	Bedroom	28.69	0.68	1.51	67.34	58.33	0.74	1.00	2.6	
First	R36	W37-L	Bedroom	31.19	0.68	0.93	71.82	58.31	0.74	0.15	0.3	2.9
		W37-U	Bedroom	28.69	0.68	1.51	67.34	58.31	0.74	1.00	2.6	
First	R37	W38-L	Bedroom	31.15	0.68	0.92	71.74	80.20	0.74	0.15	0.2	2.1
		W38-U	Bedroom	28.65	0.68	1.50	67.26	80.20	0.74	1.00	1.9	
First	R38	W39-L	Bedroom	22.46	0.68	0.48	56.82	52.78	0.75	0.15	0.1	1.2
		W39-U	Bedroom	17.75	0.68	0.78	49.05	52.78	0.75	1.00	1.1	
First	R39	W40-L	Bedroom	26.92	0.68	1.43	64.27	81.04	0.74	0.15	0.3	2.4
		W40-U	Bedroom	17.55	0.68	2.37	48.71	81.04	0.74	1.00	2.1	
Second	R1	W1-L	Bedroom	12.82	0.68	0.62	40.59	61.31	0.74	0.15	0.1	1.0
		W1-U	Bedroom	9.63	0.68	1.02	34.63	61.31	0.74	1.00	0.9	
Second	R2	W2-L	Bedroom	13.58	0.68	0.94	41.94	81.66	0.74	0.15	0.1	1.2
		W2-U	Bedroom	12.80	0.68	1.52	40.56	81.66	0.74	1.00	1.1	
Second	R3	W3-L	LKD	12.45	0.68	1.84	39.92	96.57	0.73	0.15	0.2	1.3
		W3-U	LKD	4.96	0.68	3.04	24.39	96.57	0.73	1.00	1.1	
Second	R4	W4-L	LKD	13.56	0.68	1.84	41.90	93.46	0.73	0.15	0.2	1.4
		W4-U	LKD	5.36	0.68	3.04	25.37	93.46	0.73	1.00	1.2	
Second	R5	W5-L	Bedroom	17.47	0.68	0.94	48.59	77.57	0.74	0.15	0.1	1.5
		W5-U	Bedroom	15.88	0.68	1.52	45.91	77.57	0.74	1.00	1.3	
Second	R6	W6-L	LKD	12.82	0.68	1.84	40.59	90.38	0.73	0.15	0.2	1.4
		W6-U	LKD	5.07	0.68	3.04	24.66	90.38	0.73	1.00	1.2	
Second	R7	W7-L	Bedroom	15.45	0.68	0.93	45.17	73.14	0.74	0.15	0.1	1.3
		W7-U	Bedroom	11.03	0.68	1.54	37.32	73.14	0.74	1.00	1.2	
Second	R8	W8-L	Bedroom	15.11	0.68	0.93	44.59	79.07	0.73	0.15	0.1	1.2
		W8-U	Bedroom	11.01	0.68	1.54	37.26	79.07	0.73	1.00	1.1	

Floor	Room ID	Window ID	Room Use	VSC	Win. Trans.	Glazing Area	Theta	Room Area	Room	Split Calc Multiplier	ADF	TOTAL ADF
Second	R9	W9-L	LKD	9.63	0.68	1.84	34.62	87.34	0.73	0.15	0.2	1.1
		W9-U	LKD	3.10	0.68	3.02	19.19	87.34	0.73	1.00	1.0	
Second	R10	W10-L	LKD	7.81	0.68	1.84	30.95	99.41	0.73	0.15	0.1	0.8
		W10-U	LKD	2.09	0.68	3.04	15.66	99.41	0.73	1.00	0.7	
Second	R11	W11-L	Bedroom	10.24	0.68	0.94	35.80	70.39	0.74	0.15	0.1	1.2
		W11-U	Bedroom	8.63	0.68	1.52	32.64	70.39	0.74	1.00	1.1	
Second	R12	W12-L	LKD	5.40	0.68	1.80	25.47	104.61	0.73	0.15	0.1	0.7
		W12-U	LKD	1.63	0.68	3.08	13.75	104.61	0.73	1.00	0.6	
Second	R13	W13-L	Bedroom	4.87	0.68	0.90	24.16	73.84	0.74	0.15	0.1	0.5
		W13-U	Bedroom	1.29	0.68	1.54	12.24	73.84	0.74	1.00	0.4	
Second	R14	W14-L	Bedroom	9.94	0.68	0.92	35.24	75.40	0.74	0.15	0.1	1.0
		W14-U	Bedroom	7.63	0.68	1.54	30.56	75.40	0.74	1.00	0.9	
Second	R15	W15-L	Bedroom	31.86	0.68	0.92	73.06	77.45	0.74	0.15	0.2	2.2
		W15-U	Bedroom	29.03	0.68	1.52	67.94	77.45	0.74	1.00	2.0	
Second	R16	W16-L	Bedroom	26.49	0.68	0.92	63.54	60.47	0.74	0.15	0.2	2.1
		W16-U	Bedroom	17.61	0.68	1.52	48.81	60.47	0.74	1.00	1.9	
Second	R17	W17-L	LKD	27.27	0.68	1.84	64.88	98.37	0.73	0.15	0.3	2.4
		W17-U	LKD	16.97	0.68	3.04	47.74	98.37	0.73	1.00	2.1	
Second	R18	W18-L	Bedroom	29.37	0.68	0.92	68.53	79.49	0.73	0.15	0.2	2.0
		W18-U	Bedroom	26.75	0.68	1.56	63.98	79.49	0.73	1.00	1.8	
Second	R19	W19-L	LKD	26.97	0.68	1.81	64.37	91.42	0.73	0.15	0.3	2.6
		W19-U	LKD	16.87	0.68	3.07	47.58	91.42	0.73	1.00	2.3	
Second	R20	W20-L	LKD	27.53	0.68	1.81	65.32	87.61	0.73	0.15	0.3	2.7
		W20-U	LKD	17.12	0.68	3.07	47.99	87.61	0.73	1.00	2.4	
Second	R21	W21-L	Bedroom	32.16	0.68	0.90	73.63	79.61	0.73	0.15	0.2	2.1
		W21-U	Bedroom	29.03	0.68	1.54	67.93	79.61	0.73	1.00	1.9	
Second	R22	W22-L	Bedroom	32.17	0.68	0.91	73.65	69.38	0.74	0.15	0.2	2.5
		W22-U	Bedroom	29.05	0.68	1.54	67.97	69.38	0.74	1.00	2.3	
Second	R23	W23-L	LKD	27.58	0.68	1.80	65.41	105.20	0.73	0.15	0.2	2.3
		W23-U	LKD	17.17	0.68	3.08	48.07	105.20	0.73	1.00	2.1	
Second	R24	W24-L	LKD	27.49	0.68	1.80	65.25	114.62	0.73	0.15	0.2	2.1
		W24-U	LKD	17.18	0.68	3.08	48.09	114.62	0.73	1.00	1.9	
Second	R25	W25-L	Bedroom	31.16	0.68	0.90	71.77	78.15	0.74	0.15	0.2	2.1
		W25-U	Bedroom	28.15	0.68	1.55	66.39	78.15	0.74	1.00	2.0	
Second	R26	W26-L	Bedroom	28.14	0.68	1.80	66.37	87.34	0.73	0.15	0.3	2.8
		W26-U	Bedroom	17.88	0.68	3.08	49.27	87.34	0.73	1.00	2.5	
Second	R27	W27-L	Bedroom	29.17	0.68	0.90	68.19	79.07	0.73	0.15	0.2	2.0
		W27-U	Bedroom	25.71	0.68	1.55	62.23	79.07	0.73	1.00	1.8	
Second	R28	W28-L	LKD	20.26	0.68	0.90	53.20	96.69	0.73	0.15	0.1	1.1
		W28-U	LKD	12.74	0.68	1.55	40.45	96.69	0.73	1.00	0.9	
Second	R29	W29	Bedroom	37.87	0.68	0.86	85.60	76.60	0.74	1.00	1.4	0.1
		W40-L	Bedroom	9.87	0.68	0.65	35.10	76.60	0.74	0.15	0.1	
		W40-U	Bedroom	6.27	0.68	1.08	27.53	76.60	0.74	1.00	0.6	
		W41-L	Bedroom	18.95	0.68	0.41	51.04	76.60	0.74	0.15	0.1	

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		W41-U	Bedroom	19.11	0.68	0.63	51.30	76.60	0.74	1.00	0.6	3.4
		W42-L	Bedroom	17.02	0.68	0.41	47.82	76.60	0.74	0.15	0.1	
		W42-U	Bedroom	17.10	0.68	0.63	47.95	76.60	0.74	1.00	0.6	
Second	R30	W30	LKD	17.13	0.68	0.86	48.02	120.24	0.72	1.00	0.5	1.9
		W32-L	LKD	18.25	0.68	1.84	49.88	120.24	0.72	0.15	0.2	
		W32-U	LKD	10.58	0.68	3.04	36.46	120.24	0.72	1.00	1.3	
Second	R31	W33-L	Bedroom	26.55	0.68	0.61	63.64	61.18	0.74	0.15	0.1	4.5
		W33-U	Bedroom	23.29	0.68	1.01	58.20	61.18	0.74	1.00	1.4	
		W34-L	Bedroom	32.77	0.68	0.93	74.79	61.18	0.74	0.15	0.3	
		W34-U	Bedroom	30.21	0.68	1.53	70.05	61.18	0.74	1.00	2.6	
Second	R32	W35-L	Bedroom	32.76	0.68	0.93	74.78	51.82	0.75	0.15	0.3	3.5
		W35-U	Bedroom	30.22	0.68	1.53	70.06	51.82	0.75	1.00	3.2	
Second	R33	W36-L	Bedroom	32.80	0.68	0.93	74.86	65.58	0.74	0.15	0.2	2.7
		W36-U	Bedroom	30.26	0.68	1.53	70.13	65.58	0.74	1.00	2.4	
Second	R34	W37-L	Bedroom	32.78	0.68	0.93	74.81	72.70	0.73	0.15	0.2	3.7
		W37-U	Bedroom	30.25	0.68	1.53	70.10	72.70	0.73	1.00	2.2	
		W38-L	Bedroom	26.47	0.68	0.61	63.51	72.70	0.73	0.15	0.1	
		W38-U	Bedroom	23.31	0.68	1.01	58.22	72.70	0.73	1.00	1.2	
Second	R35	W39-L	LKD	18.16	0.68	1.84	49.74	114.98	0.72	0.15	0.2	1.6
		W39-U	LKD	10.56	0.68	3.04	36.43	114.98	0.72	1.00	1.4	
Third	R1	W1-L	Bedroom	16.63	0.68	0.62	47.17	61.31	0.74	0.15	0.1	1.2
		W1-U	Bedroom	13.62	0.68	1.02	42.01	61.31	0.74	1.00	1.1	
Third	R2	W2-L	Bedroom	16.71	0.68	0.94	47.31	81.66	0.74	0.15	0.1	1.4
		W2-U	Bedroom	15.46	0.68	1.52	45.18	81.66	0.74	1.00	1.3	
Third	R3	W3-L	LKD	18.11	0.68	1.84	49.64	96.57	0.73	0.15	0.2	1.9
		W3-U	LKD	11.27	0.68	3.04	37.75	96.57	0.73	1.00	1.7	
Third	R4	W4-L	LKD	18.44	0.68	1.84	50.19	93.46	0.73	0.15	0.2	2.0
		W4-U	LKD	11.31	0.68	3.04	37.84	93.46	0.73	1.00	1.8	
Third	R5	W5-L	Bedroom	20.59	0.68	0.94	53.74	77.57	0.74	0.15	0.1	1.6
		W5-U	Bedroom	18.54	0.68	1.52	50.35	77.57	0.74	1.00	1.5	
Third	R6	W6-L	LKD	17.36	0.68	1.84	48.39	90.38	0.73	0.15	0.2	1.9
		W6-U	LKD	10.07	0.68	3.04	35.47	90.38	0.73	1.00	1.7	
Third	R7	W7-L	Bedroom	17.93	0.68	0.94	49.35	73.14	0.74	0.15	0.1	1.4
		W7-U	Bedroom	13.61	0.68	1.53	41.99	73.14	0.74	1.00	1.3	
Third	R8	W8-L	Bedroom	17.54	0.68	0.94	48.70	79.07	0.73	0.15	0.1	1.3
		W8-U	Bedroom	13.35	0.68	1.52	41.53	79.07	0.73	1.00	1.2	
Third	R9	W9-L	LKD	13.79	0.68	1.84	42.30	87.34	0.73	0.15	0.2	1.6
		W9-U	LKD	6.73	0.68	3.02	28.59	87.34	0.73	1.00	1.4	
Third	R10	W10-L	LKD	11.68	0.68	1.84	38.53	99.41	0.73	0.15	0.2	1.2
		W10-U	LKD	4.96	0.68	3.04	24.38	99.41	0.73	1.00	1.1	
Third	R11	W11-L	Bedroom	12.06	0.68	0.94	39.21	70.39	0.74	0.15	0.1	1.3
		W11-U	Bedroom	10.46	0.68	1.52	36.23	70.39	0.74	1.00	1.2	
Third	R12	W12-L	LKD	9.55	0.68	1.80	34.47	104.61	0.73	0.15	0.1	1.0
		W12-U	LKD	3.38	0.68	3.08	20.08	104.61	0.73	1.00	0.9	
Third	R13	W13-L	Bedroom	8.43	0.68	0.90	32.23	73.84	0.74	0.15	0.1	0.7
		W13-U	Bedroom	3.12	0.68	1.54	19.26	73.84	0.74	1.00	0.6	

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Third	R14	W14-L	Bedroom	12.33	0.68	0.92	39.71	75.40	0.74	0.15	0.1	1.2
		W14-U	Bedroom	9.76	0.68	1.54	34.88	75.40	0.74	1.00	1.1	
Third	R15	W15-L	Bedroom	32.66	0.68	0.92	74.57	77.45	0.74	0.15	0.2	2.2
		W15-U	Bedroom	29.32	0.68	1.52	68.44	77.45	0.74	1.00	2.0	
Third	R16	W16-L	Bedroom	28.43	0.68	0.92	66.88	60.47	0.74	0.15	0.2	2.3
		W16-U	Bedroom	21.07	0.68	1.52	54.53	60.47	0.74	1.00	2.1	
Third	R17	W17-L	LKD	29.49	0.68	1.84	68.75	98.37	0.73	0.15	0.3	2.7
		W17-U	LKD	20.85	0.68	3.04	54.18	98.37	0.73	1.00	2.4	
Third	R18	W18-L	Bedroom	29.98	0.68	0.91	69.63	79.49	0.73	0.15	0.2	2.0
		W18-U	Bedroom	26.97	0.68	1.56	64.37	79.49	0.73	1.00	1.8	
Third	R19	W19-L	LKD	29.04	0.68	1.80	67.95	91.42	0.73	0.15	0.3	2.9
		W19-U	LKD	20.69	0.68	3.08	53.91	91.42	0.73	1.00	2.6	
Third	R20	W20-L	LKD	29.73	0.68	1.80	69.17	87.61	0.73	0.15	0.3	3.1
		W20-U	LKD	21.08	0.68	3.08	54.55	87.61	0.73	1.00	2.8	
Third	R21	W21-L	Bedroom	32.83	0.68	0.90	74.90	79.61	0.73	0.15	0.2	2.1
		W21-U	Bedroom	29.32	0.68	1.55	68.46	79.61	0.73	1.00	1.9	
Third	R22	W22-L	Bedroom	32.81	0.68	0.90	74.87	69.38	0.74	0.15	0.2	2.5
		W22-U	Bedroom	29.31	0.68	1.54	68.42	69.38	0.74	1.00	2.3	
Third	R23	W23-L	LKD	29.76	0.68	1.79	69.22	105.20	0.73	0.15	0.3	2.6
		W23-U	LKD	21.04	0.68	3.09	54.49	105.20	0.73	1.00	2.3	
Third	R24	W24-L	LKD	29.68	0.68	1.79	69.08	114.62	0.73	0.15	0.2	2.4
		W24-U	LKD	21.02	0.68	3.09	54.46	114.62	0.73	1.00	2.1	
Third	R25	W25-L	Bedroom	32.06	0.68	0.90	73.44	78.15	0.74	0.15	0.2	2.2
		W25-U	Bedroom	28.50	0.68	1.55	67.00	78.15	0.74	1.00	2.0	
Third	R26	W26-L	Bedroom	30.11	0.68	1.79	69.87	87.34	0.73	0.15	0.3	3.2
		W26-U	Bedroom	22.01	0.68	3.09	56.08	87.34	0.73	1.00	2.9	
Third	R27	W27-L	Bedroom	29.08	0.68	0.90	68.02	79.07	0.73	0.15	0.2	1.8
		W27-U	Bedroom	22.13	0.68	1.55	56.27	79.07	0.73	1.00	1.6	
Third	R28	W28-L	LKD	26.14	0.68	0.90	62.95	96.69	0.73	0.15	0.1	1.5
		W28-U	LKD	23.64	0.68	1.55	58.78	96.69	0.73	1.00	1.4	
Third	R29	W29	Bedroom	18.15	0.68	0.86	49.71	76.60	0.74	1.00	0.8	1.7
		W40-L	Bedroom	12.74	0.68	0.65	40.44	76.60	0.74	0.15	0.1	
		W40-U	Bedroom	11.29	0.68	1.08	37.80	76.60	0.74	1.00	0.8	
Third	R30	W30	LKD	38.20	0.68	0.85	86.39	120.24	0.72	1.00	0.9	3.7
		W32-L	LKD	24.94	0.68	1.84	60.93	120.24	0.72	0.15	0.2	
		W32-U	LKD	17.52	0.68	3.04	48.67	120.24	0.72	1.00	1.7	
		W41-L	LKD	19.59	0.68	0.41	52.10	120.24	0.72	0.15	0.0	
		W41-U	LKD	19.90	0.68	0.63	52.60	120.24	0.72	1.00	0.4	
		W42-L	LKD	21.34	0.68	0.41	54.98	120.24	0.72	0.15	0.0	
		W42-U	LKD	21.60	0.68	0.63	55.41	120.24	0.72	1.00	0.4	
Third	R31	W33-L	Bedroom	29.13	0.68	0.61	68.11	61.18	0.74	0.15	0.2	4.7
		W33-U	Bedroom	26.86	0.68	1.01	64.17	61.18	0.74	1.00	1.6	
		W34-L	Bedroom	33.51	0.68	0.93	76.24	61.18	0.74	0.15	0.3	
		W34-U	Bedroom	30.48	0.68	1.53	70.52	61.18	0.74	1.00	2.6	
Third	R32	W35-L	Bedroom	33.51	0.68	0.93	76.24	51.82	0.75	0.15	0.3	3.5
		W35-U	Bedroom	30.48	0.68	1.53	70.52	51.82	0.75	1.00	3.2	

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Third	R33	W36-L	Bedroom	33.57	0.68	0.93	76.35	65.58	0.74	0.15	0.2	2.7
		W36-U	Bedroom	30.52	0.68	1.53	70.59	65.58	0.74	1.00	2.4	
Third	R34	W37-L	Bedroom	33.57	0.68	0.93	76.35	72.70	0.73	0.15	0.2	3.9
		W37-U	Bedroom	30.52	0.68	1.53	70.59	72.70	0.73	1.00	2.2	
		W38-L	Bedroom	29.13	0.68	0.61	68.11	72.70	0.73	0.15	0.1	
		W38-U	Bedroom	26.86	0.68	1.01	64.18	72.70	0.73	1.00	1.3	
Third	R35	W39-L	LKD	24.93	0.68	1.84	60.92	114.98	0.72	0.15	0.2	2.1
		W39-U	LKD	17.51	0.68	3.04	48.64	114.98	0.72	1.00	1.8	
Fourth	R1	W1-L	Bedroom	24.98	0.68	0.94	60.99	87.91	0.74	0.15	0.1	3.6
		W1-U	Bedroom	26.94	0.68	1.52	64.32	87.91	0.74	1.00	1.7	
		W2-L	Bedroom	25.39	0.68	0.94	61.69	87.91	0.74	0.15	0.2	
		W2-U	Bedroom	25.53	0.68	1.52	61.92	87.91	0.74	1.00	1.6	
Fourth	R2	W3-L	LKD	21.73	0.68	1.84	55.63	101.25	0.73	0.15	0.2	2.0
		W3-U	LKD	12.43	0.68	3.04	39.88	101.25	0.73	1.00	1.7	
Fourth	R3	W4-L	LKD	20.78	0.68	1.84	54.06	100.47	0.73	0.15	0.2	1.9
		W4-U	LKD	11.19	0.68	3.04	37.61	100.47	0.73	1.00	1.6	
Fourth	R4	W5-L	Bedroom	24.22	0.68	0.94	59.73	76.68	0.73	0.15	0.2	1.8
		W5-U	Bedroom	21.96	0.68	1.52	56.00	76.68	0.73	1.00	1.6	
Fourth	R5	W6-L	LKD	19.12	0.68	1.84	51.33	90.38	0.73	0.15	0.2	1.9
		W6-U	LKD	9.63	0.68	3.04	34.63	90.38	0.73	1.00	1.7	
Fourth	R6	W7-L	Bedroom	22.12	0.68	0.94	56.26	73.14	0.74	0.15	0.2	1.8
		W7-U	Bedroom	19.73	0.68	1.53	52.33	73.14	0.74	1.00	1.6	
Fourth	R7	W8-L	Bedroom	21.21	0.68	0.94	54.77	79.07	0.73	0.15	0.1	1.6
		W8-U	Bedroom	19.14	0.68	1.52	51.35	79.07	0.73	1.00	1.4	
Fourth	R8	W9-L	LKD	16.21	0.68	1.84	46.46	87.34	0.73	0.15	0.2	1.7
		W9-U	LKD	7.05	0.68	3.02	29.29	87.34	0.73	1.00	1.5	
Fourth	R9	W10-L	LKD	13.16	0.68	1.84	41.19	98.75	0.73	0.15	0.2	1.2
		W10-U	LKD	4.85	0.68	3.04	24.11	98.75	0.73	1.00	1.1	
Fourth	R10	W11-L	Bedroom	14.21	0.68	0.94	43.04	70.39	0.74	0.15	0.1	1.4
		W11-U	Bedroom	12.78	0.68	1.52	40.51	70.39	0.74	1.00	1.3	
Fourth	R11	W12-L	LKD	11.01	0.68	1.80	37.26	104.59	0.73	0.15	0.1	1.0
		W12-U	LKD	3.53	0.68	3.08	20.53	104.59	0.73	1.00	0.9	
Fourth	R12	W13-L	Bedroom	9.96	0.68	0.90	35.28	73.85	0.74	0.15	0.1	0.7
		W13-U	Bedroom	3.37	0.68	1.54	20.06	73.85	0.74	1.00	0.6	
Fourth	R13	W14-L	Bedroom	15.20	0.68	0.92	44.74	75.41	0.74	0.15	0.1	1.4
		W14-U	Bedroom	12.86	0.68	1.54	40.66	75.41	0.74	1.00	1.3	
Fourth	R14	W15-L	Bedroom	32.78	0.68	0.92	74.82	77.45	0.74	0.15	0.2	2.2
		W15-U	Bedroom	29.54	0.68	1.52	68.84	77.45	0.74	1.00	2.0	
Fourth	R15	W16-L	Bedroom	27.34	0.68	0.92	65.00	60.47	0.74	0.15	0.2	2.1
		W16-U	Bedroom	18.08	0.68	1.52	49.59	60.47	0.74	1.00	1.9	
Fourth	R16	W17-L	LKD	28.02	0.68	1.84	66.17	98.81	0.73	0.15	0.3	2.4
		W17-U	LKD	17.41	0.68	3.04	48.48	98.81	0.73	1.00	2.1	
Fourth	R17	W18-L	Bedroom	29.97	0.68	0.91	69.60	80.15	0.73	0.15	0.2	2.0
		W18-U	Bedroom	27.13	0.68	1.56	64.63	80.15	0.73	1.00	1.8	

Floor	Room ID	Window ID	Room Use	VSC	Win. Trans.	Glazing Area	Theta	Room Area	Room	Split Calc Multiplier	ADF	TOTAL ADF
Fourth	R18	W19-L	LKD	27.71	0.68	1.80	65.63	90.11	0.73	0.15	0.3	
		W19-U	LKD	17.34	0.68	3.08	48.36	90.11	0.73	1.00	2.4	2.7
Fourth	R19	W20-L	LKD	28.34	0.68	1.80	66.73	87.61	0.73	0.15	0.3	
		W20-U	LKD	17.65	0.68	3.08	48.89	87.61	0.73	1.00	2.5	2.8
Fourth	R20	W21-L	Bedroom	32.93	0.68	0.90	75.09	79.61	0.73	0.15	0.2	
		W21-U	Bedroom	29.54	0.68	1.55	68.84	79.61	0.73	1.00	2.0	2.1
Fourth	R21	W22-L	Bedroom	33.17	0.68	0.90	75.56	70.03	0.74	0.15	0.2	
		W22-U	Bedroom	29.54	0.68	1.54	68.84	70.03	0.74	1.00	2.3	2.5
Fourth	R22	W23-L	LKD	28.41	0.68	1.79	66.84	105.20	0.73	0.15	0.2	
		W23-U	LKD	17.60	0.68	3.09	48.79	105.20	0.73	1.00	2.1	2.3
Fourth	R23	W24-L	LKD	28.38	0.68	1.79	66.79	112.93	0.73	0.15	0.2	
		W24-U	LKD	17.58	0.68	3.09	48.76	112.93	0.73	1.00	2.0	2.2
Fourth	R24	W25-L	Bedroom	32.49	0.68	0.90	74.25	81.07	0.74	0.15	0.2	
		W25-U	Bedroom	28.71	0.68	1.55	67.38	81.07	0.74	1.00	1.9	2.1
Fourth	R25	W26-L	LKD	28.25	0.68	1.79	66.56	113.80	0.73	0.15	0.2	
		W26-U	LKD	17.54	0.68	3.09	48.69	113.80	0.73	1.00	1.9	2.1
Fourth	R26	W27-L	Bedroom	27.54	0.68	0.90	65.35	60.91	0.74	0.15	0.2	
		W27-U	Bedroom	18.13	0.68	1.55	49.68	60.91	0.74	1.00	1.9	2.1
Fourth	R27	W28-L	Bedroom	30.56	0.68	0.92	70.67	81.11	0.74	0.15	0.2	
		W28-U	Bedroom	30.36	0.68	1.53	70.30	81.11	0.74	1.00	2.0	
		W29-L	Bedroom	20.93	0.68	1.36	54.31	81.11	0.74	0.15	0.2	
		W29-U	Bedroom	32.17	0.68	2.18	73.64	81.11	0.74	1.00	3.0	5.4
Fourth	R28	W30	Bedroom	27.47	0.68	1.91	65.23	60.50	0.74	1.00	3.1	3.1
Fifth	R1	W1-L	Bedroom	31.30	0.68	0.93	72.01	82.64	0.74	0.15	0.2	
		W1-U	Bedroom	28.31	0.68	1.54	66.67	82.64	0.74	1.00	1.9	
		W2-L	Bedroom	30.72	0.68	0.94	70.97	82.64	0.74	0.15	0.2	
		W2-U	Bedroom	27.86	0.68	1.52	65.90	82.64	0.74	1.00	1.8	4.1
Fifth	R2	W3-L	LKD	32.59	0.68	1.84	74.46	101.11	0.73	0.15	0.3	
		W3-U	LKD	28.82	0.68	3.04	67.56	101.11	0.73	1.00	3.0	3.3
Fifth	R3	W4-L	LKD	31.62	0.68	1.84	72.61	100.47	0.73	0.15	0.3	
		W4-U	LKD	27.92	0.68	3.04	66.00	100.47	0.73	1.00	2.9	3.2
Fifth	R4	W5-L	Bedroom	27.79	0.68	0.94	65.76	76.68	0.73	0.15	0.2	
		W5-U	Bedroom	25.18	0.68	1.52	61.34	76.68	0.73	1.00	1.8	2.0
Fifth	R5	W6-L	LKD	29.33	0.68	1.84	68.46	90.38	0.73	0.15	0.3	
		W6-U	LKD	25.79	0.68	3.04	62.36	90.38	0.73	1.00	3.0	3.3
Fifth	R6	W7-L	Bedroom	25.30	0.68	0.94	61.53	73.14	0.74	0.15	0.2	
		W7-U	Bedroom	22.83	0.68	1.53	57.44	73.14	0.74	1.00	1.8	1.9
Fifth	R7	W8-L	Bedroom	23.94	0.68	0.94	59.26	79.07	0.73	0.15	0.2	
		W8-U	Bedroom	21.57	0.68	1.52	55.35	79.07	0.73	1.00	1.6	1.7
Fifth	R8	W9-L	LKD	19.81	0.68	1.84	52.45	87.34	0.73	0.15	0.2	
		W9-U	LKD	12.31	0.68	3.02	39.66	87.34	0.73	1.00	2.0	2.2
Fifth	R9	W10-L	LKD	17.48	0.68	1.84	48.60	98.75	0.73	0.15	0.2	
		W10-U	LKD	10.49	0.68	3.04	36.28	98.75	0.73	1.00	1.6	1.8
Fifth	R10	W11-L	Bedroom	16.42	0.68	0.94	46.81	70.39	0.74	0.15	0.1	
		W11-U	Bedroom	14.98	0.68	1.52	44.37	70.39	0.74	1.00	1.4	1.6

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Fifth	R11	W12-L	LKD	15.78	0.68	1.80	45.74	104.59	0.73	0.15	0.2	1.5
		W12-U	LKD	8.22	0.68	3.08	31.80	104.59	0.73	1.00	1.4	
Fifth	R12	W13-L	Bedroom	14.27	0.68	0.90	43.15	73.85	0.74	0.15	0.1	1.1
		W13-U	Bedroom	7.93	0.68	1.54	31.19	73.85	0.74	1.00	1.0	
Fifth	R13	W14-L	Bedroom	18.31	0.68	0.92	49.98	75.41	0.74	0.15	0.1	1.6
		W14-U	Bedroom	15.86	0.68	1.54	45.86	75.41	0.74	1.00	1.4	
Fifth	R14	W15-L	Bedroom	33.06	0.68	0.92	75.35	77.45	0.74	0.15	0.2	2.2
		W15-U	Bedroom	29.70	0.68	1.52	69.12	77.45	0.74	1.00	2.0	
Fifth	R15	W16-L	Bedroom	28.90	0.68	0.92	67.70	60.47	0.74	0.15	0.2	2.3
		W16-U	Bedroom	21.62	0.68	1.52	55.44	60.47	0.74	1.00	2.1	
Fifth	R16	W17-L	LKD	29.99	0.68	1.84	69.64	98.81	0.73	0.15	0.3	2.7
		W17-U	LKD	21.44	0.68	3.04	55.14	98.81	0.73	1.00	2.4	
Fifth	R17	W18-L	Bedroom	30.30	0.68	0.93	70.19	79.49	0.73	0.15	0.2	2.0
		W18-U	Bedroom	27.40	0.68	1.54	65.09	79.49	0.73	1.00	1.8	
Fifth	R18	W19-L	LKD	29.46	0.68	1.84	68.70	91.42	0.73	0.15	0.3	2.9
		W19-U	LKD	21.17	0.68	3.03	54.69	91.42	0.73	1.00	2.6	
Fifth	R19	W20-L	LKD	30.15	0.68	1.84	69.92	87.97	0.73	0.15	0.3	3.1
		W20-U	LKD	21.55	0.68	3.03	55.32	87.97	0.73	1.00	2.8	
Fifth	R20	W21-L	Bedroom	33.18	0.68	0.92	75.59	79.25	0.73	0.15	0.2	2.1
		W21-U	Bedroom	29.80	0.68	1.52	69.29	79.25	0.73	1.00	2.0	
Fifth	R21	W22-L	Bedroom	34.27	0.68	0.93	77.77	69.43	0.74	0.15	0.2	2.6
		W22-U	Bedroom	30.94	0.68	1.52	71.37	69.43	0.74	1.00	2.4	
Fifth	R22	W23-L	LKD	37.04	0.68	1.84	83.69	105.20	0.73	0.15	0.3	3.5
		W23-U	LKD	32.65	0.68	3.04	74.57	105.20	0.73	1.00	3.2	
Fifth	R23	W24-L	LKD	37.05	0.68	1.79	83.71	113.82	0.73	0.15	0.3	3.3
		W24-U	LKD	32.53	0.68	3.09	74.33	113.82	0.73	1.00	3.0	
Fifth	R24	W25-L	Bedroom	34.32	0.68	0.90	77.85	80.45	0.74	0.15	0.2	2.2
		W25-U	Bedroom	30.82	0.68	1.55	71.14	80.45	0.74	1.00	2.0	
Fifth	R25	W26-L	LKD	37.09	0.68	1.83	83.79	113.80	0.73	0.15	0.3	3.2
		W26-U	LKD	32.68	0.68	3.04	74.61	113.80	0.73	1.00	2.9	
Fifth	R26	W27-L	Bedroom	34.35	0.68	0.93	77.92	60.91	0.74	0.15	0.3	2.9
		W27-U	Bedroom	30.99	0.68	1.52	71.46	60.91	0.74	1.00	2.7	
Fifth	R27	W28-L	Bedroom	36.04	0.68	0.93	81.48	81.11	0.74	0.15	0.2	2.3
		W28-U	Bedroom	32.05	0.68	1.54	73.43	81.11	0.74	1.00	2.1	
Fifth	R28	W29-L	Bedroom	37.26	0.68	1.84	84.18	60.50	0.74	0.15	0.6	6.3
		W29-U	Bedroom	33.04	0.68	3.04	75.31	60.50	0.74	1.00	5.7	
Sixth	R1	W2-L	LKD	24.37	0.68	1.73	59.99	107.06	0.72	0.15	0.2	5.1
		W2-U	LKD	18.06	0.68	3.04	49.56	107.06	0.72	1.00	2.0	
		W3-L	LKD	31.37	0.68	1.89	72.15	107.06	0.72	0.15	0.3	
		W3-U	LKD	27.35	0.68	2.99	65.01	107.06	0.72	1.00	2.6	
Sixth	R2	W1-L	Bedroom	25.41	0.68	0.87	61.71	56.82	0.74	0.15	0.2	2.2
		W1-U	Bedroom	17.71	0.68	1.52	48.99	56.82	0.74	1.00	2.0	
Sixth	R3	W4-L	Bedroom	26.80	0.68	0.96	64.07	70.72	0.74	0.15	0.2	2.1
		W4-U	Bedroom	23.73	0.68	1.50	58.91	70.72	0.74	1.00	1.9	

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Sixth	R4	W5-L	Bedroom	26.53	0.68	0.96	63.62	79.07	0.73	0.15	0.2	1.8
		W5-U	Bedroom	24.29	0.68	1.50	59.84	79.07	0.73	1.00	1.7	
Sixth	R5	W6-L	LKD	20.97	0.68	1.88	54.37	87.34	0.73	0.15	0.3	2.1
		W6-U	LKD	11.40	0.68	2.98	37.99	87.34	0.73	1.00	1.9	
Sixth	R6	W7-L	LKD	18.88	0.68	1.89	50.93	97.90	0.73	0.15	0.2	1.8
		W7-U	LKD	9.83	0.68	2.99	35.01	97.90	0.73	1.00	1.5	
Sixth	R7	W8-L	Bedroom	18.80	0.68	0.96	50.79	70.39	0.74	0.15	0.2	1.7
		W8-U	Bedroom	17.54	0.68	1.50	48.70	70.39	0.74	1.00	1.5	
Sixth	R8	W9-L	LKD	17.28	0.68	1.84	48.26	104.59	0.73	0.15	0.2	1.5
		W9-U	LKD	7.73	0.68	3.04	30.78	104.59	0.73	1.00	1.3	
Sixth	R9	W10-L	Bedroom	16.02	0.68	0.92	46.14	73.85	0.74	0.15	0.1	1.1
		W10-U	Bedroom	7.79	0.68	1.52	30.90	73.85	0.74	1.00	1.0	
Sixth	R10	W11-L	Bedroom	21.27	0.68	0.94	54.87	75.40	0.74	0.15	0.2	1.7
		W11-U	Bedroom	19.09	0.68	1.52	51.26	75.40	0.74	1.00	1.6	
Sixth	R11	W12-L	Bedroom	33.08	0.68	0.95	75.39	77.46	0.74	0.15	0.2	2.2
		W12-U	Bedroom	29.95	0.68	1.50	69.58	77.46	0.74	1.00	2.0	
Sixth	R12	W13-L	Bedroom	27.70	0.68	0.95	65.62	60.47	0.74	0.15	0.2	2.1
		W13-U	Bedroom	18.50	0.68	1.50	50.30	60.47	0.74	1.00	1.9	
Sixth	R13	W14-L	LKD	28.49	0.68	1.89	66.98	97.47	0.73	0.15	0.3	2.5
		W14-U	LKD	17.95	0.68	2.99	49.38	97.47	0.73	1.00	2.2	
Sixth	R14	W15-L	Bedroom	30.24	0.68	0.93	70.10	79.49	0.73	0.15	0.2	2.0
		W15-U	Bedroom	27.45	0.68	1.54	65.19	79.49	0.73	1.00	1.8	
Sixth	R15	W16-L	LKD	28.39	0.68	1.84	66.80	90.10	0.73	0.15	0.3	2.7
		W16-U	LKD	18.44	0.68	3.03	50.19	90.10	0.73	1.00	2.4	
Sixth	R16	W17-L	LKD	29.03	0.68	1.84	67.93	108.34	0.73	0.15	0.3	2.3
		W17-U	LKD	18.81	0.68	3.03	50.81	108.34	0.73	1.00	2.1	
Sixth	R17	W18-L	Bedroom	32.08	0.68	0.92	73.48	72.23	0.74	0.15	0.2	2.2
		W18-U	Bedroom	26.83	0.68	1.52	64.12	72.23	0.74	1.00	2.0	
Sixth	R18	W19-L	Bedroom	32.86	0.68	0.93	74.97	68.70	0.74	0.15	0.2	2.4
		W19-U	Bedroom	27.60	0.68	1.52	65.45	68.70	0.74	1.00	2.2	
Sixth	R19	W20-L	LKD	37.19	0.68	1.83	84.01	114.00	0.72	0.15	0.3	6.7
		W20-U	LKD	32.79	0.68	3.04	74.83	114.00	0.72	1.00	2.8	
		W21-L	LKD	34.43	0.68	0.92	78.08	114.00	0.72	0.15	0.1	
		W21-U	LKD	31.04	0.68	1.53	71.55	114.00	0.72	1.00	1.4	
		W22-L	LKD	24.40	0.68	1.71	60.03	114.00	0.72	0.15	0.2	
		W22-U	LKD	18.07	0.68	3.04	49.57	114.00	0.72	1.00	1.9	
Sixth	R20	W23-L	Bedroom	25.42	0.68	0.88	61.74	58.63	0.74	0.15	0.2	2.1
		W23-U	Bedroom	17.68	0.68	1.54	48.94	58.63	0.74	1.00	1.9	
Seventh	R1	W3-L	LKD	28.57	0.68	1.74	67.13	107.49	0.72	0.15	0.2	5.2
		W3-U	LKD	18.09	0.68	3.03	49.61	107.49	0.72	1.00	2.0	
		W4-L	LKD	33.31	0.68	1.89	75.85	107.49	0.72	0.15	0.3	
		W4-U	LKD	29.26	0.68	2.99	68.35	107.49	0.72	1.00	2.7	
Seventh	R2	W2-L	Bedroom	27.32	0.68	0.88	64.97	58.04	0.74	0.15	0.2	2.1
		W2-U	Bedroom	17.74	0.68	1.52	49.03	58.04	0.74	1.00	1.9	
Seventh	R3	W1-L	Bedroom	29.92	0.68	0.75	69.52	79.72	0.74	0.15	0.1	

Floor	Room ID	Window ID	Room Use	VSC	Win. Trans.	Glazing Area	Theta	Room Area	Room	Split Calc Multiplier	ADF	TOTAL ADF
Seventh	R4	W1-U	Bedroom	27.48	0.68	1.23	65.23	79.72	0.74	1.00	1.5	1.7
		W5-L	Bedroom	28.97	0.68	0.96	67.83	57.98	0.74	0.15	0.3	
		W5-U	Bedroom	25.88	0.68	1.50	62.51	57.98	0.74	1.00	2.4	2.7
Seventh	R5	W6-L	Bedroom	29.08	0.68	0.96	68.03	79.07	0.73	0.15	0.2	
		W6-U	Bedroom	26.63	0.68	1.50	63.78	79.07	0.73	1.00	1.8	2.0
Seventh	R6	W7-L	LKD	23.62	0.68	1.88	58.74	87.34	0.73	0.15	0.3	
		W7-U	LKD	13.92	0.68	2.98	42.53	87.34	0.73	1.00	2.1	2.4
Seventh	R7	W8-L	LKD	21.67	0.68	1.89	55.52	98.59	0.73	0.15	0.2	
		W8-U	LKD	12.54	0.68	2.99	40.09	98.59	0.73	1.00	1.7	2.0
Seventh	R8	W9-L	Bedroom	21.32	0.68	0.96	54.94	70.39	0.74	0.15	0.2	
		W9-U	Bedroom	19.83	0.68	1.50	52.49	70.39	0.74	1.00	1.7	1.8
Seventh	R9	W10-L	LKD	20.30	0.68	1.84	53.26	104.59	0.73	0.15	0.2	
		W10-U	LKD	10.80	0.68	3.04	36.88	104.59	0.73	1.00	1.5	1.7
Seventh	R10	W11-L	Bedroom	19.03	0.68	0.92	51.18	73.85	0.74	0.15	0.1	
		W11-U	Bedroom	10.86	0.68	1.52	36.99	73.85	0.74	1.00	1.1	1.3
Seventh	R11	W12-L	Bedroom	24.30	0.68	0.94	59.87	75.40	0.74	0.15	0.2	
		W12-U	Bedroom	22.14	0.68	1.52	56.30	75.40	0.74	1.00	1.7	1.9
Seventh	R12	W13-L	Bedroom	33.24	0.68	0.95	75.71	77.46	0.74	0.15	0.2	
		W13-U	Bedroom	30.09	0.68	1.50	69.82	77.46	0.74	1.00	2.0	2.2
Seventh	R13	W14-L	Bedroom	27.83	0.68	0.95	65.85	60.47	0.74	0.15	0.2	
		W14-U	Bedroom	18.64	0.68	1.50	50.52	60.47	0.74	1.00	1.9	2.1
Seventh	R14	W15-L	LKD	28.64	0.68	1.89	67.24	97.47	0.73	0.15	0.3	
		W15-U	LKD	18.10	0.68	2.99	49.63	97.47	0.73	1.00	2.2	2.5
Seventh	R15	W16-L	Bedroom	30.63	0.68	0.93	70.80	79.49	0.73	0.15	0.2	
		W16-U	Bedroom	27.58	0.68	1.54	65.40	79.49	0.73	1.00	1.9	2.0
Seventh	R16	W17-L	LKD	28.29	0.68	1.84	66.63	90.10	0.73	0.15	0.3	
		W17-U	LKD	17.92	0.68	3.03	49.34	90.10	0.73	1.00	2.4	2.7
Seventh	R17	W18-L	LKD	28.91	0.68	1.84	67.72	87.79	0.73	0.15	0.3	
		W18-U	LKD	18.24	0.68	3.03	49.86	87.79	0.73	1.00	2.5	2.8
Seventh	R18	W19-L	Bedroom	32.34	0.68	0.92	73.97	78.87	0.73	0.15	0.2	
		W19-U	Bedroom	26.93	0.68	1.52	64.30	78.87	0.73	1.00	1.8	2.0
Seventh	R19	W20-L	Bedroom	32.97	0.68	0.93	75.18	54.30	0.75	0.15	0.3	
		W20-U	Bedroom	27.72	0.68	1.52	65.64	54.30	0.75	1.00	2.8	3.1
Seventh	R20	W21-L	Bedroom	37.31	0.68	1.83	84.29	58.71	0.74	0.15	0.6	
		W21-U	Bedroom	32.91	0.68	3.04	75.07	58.71	0.74	1.00	5.8	6.4
Seventh	R21	W22-L	LKD	34.53	0.68	0.92	78.29	121.85	0.73	0.15	0.1	
		W22-U	LKD	31.15	0.68	1.53	71.74	121.85	0.73	1.00	1.3	
		W23-L	LKD	28.56	0.68	1.72	67.11	121.85	0.73	0.15	0.2	
		W23-U	LKD	18.10	0.68	3.03	49.64	121.85	0.73	1.00	1.8	
		W24-L	LKD	27.31	0.68	0.88	64.94	121.85	0.73	0.15	0.1	
		W24-U	LKD	17.72	0.68	1.53	49.00	121.85	0.73	1.00	0.9	4.4
Eighth	R1	W3-L	LKD	36.85	0.68	1.30	83.25	107.49	0.72	0.15	0.2	
		W3-U	LKD	32.82	0.68	2.28	74.88	107.49	0.72	1.00	2.3	
		W4	LKD	22.67	0.68	1.20	57.16	107.49	0.72	1.00	0.9	3.4
Eighth	R2	W2	Bedroom	29.17	0.68	1.20	68.18	58.04	0.74	1.00	2.1	2.1

Floor	Room ID	Window ID	Room Use	VSC	Win. Trans.	Glazing Area	Theta	Room Area	Room	Split Calc Multiplier	ADF	TOTAL ADF
Eighth	R3	W1-L	Bedroom	30.00	0.68	0.75	69.67	79.72	0.74	0.15	0.1	1.7
		W1-U	Bedroom	27.58	0.68	1.23	65.42	79.72	0.74	1.00	1.5	
Eighth	R4	W5-L	Bedroom	31.05	0.68	0.96	71.56	57.98	0.74	0.15	0.3	2.8
		W5-U	Bedroom	27.86	0.68	1.50	65.90	57.98	0.74	1.00	2.6	
Eighth	R5	W6-L	Bedroom	31.88	0.68	0.96	73.10	79.07	0.73	0.15	0.2	2.1
		W6-U	Bedroom	29.38	0.68	1.50	68.56	79.07	0.73	1.00	1.9	
Eighth	R6	W7-L	LKD	34.16	0.68	1.88	77.53	87.34	0.73	0.15	0.4	3.9
		W7-U	LKD	30.77	0.68	2.98	71.05	87.34	0.73	1.00	3.5	
Eighth	R7	W8-L	LKD	32.40	0.68	1.89	74.08	98.59	0.73	0.15	0.3	3.3
		W8-U	LKD	29.47	0.68	2.99	68.72	98.59	0.73	1.00	3.0	
Eighth	R8	W9-L	Bedroom	24.27	0.68	0.96	59.82	70.39	0.74	0.15	0.2	2.0
		W9-U	Bedroom	22.76	0.68	1.50	57.32	70.39	0.74	1.00	1.8	
Eighth	R9	W10-L	LKD	25.02	0.68	1.84	61.06	104.59	0.73	0.15	0.2	2.3
		W10-U	LKD	17.43	0.68	3.04	48.51	104.59	0.73	1.00	2.0	
Eighth	R10	W11-L	Bedroom	23.47	0.68	0.92	58.50	73.85	0.74	0.15	0.2	1.7
		W11-U	Bedroom	17.17	0.68	1.52	48.08	73.85	0.74	1.00	1.5	
Eighth	R11	W12-L	Bedroom	27.54	0.68	0.94	65.34	75.40	0.74	0.15	0.2	2.1
		W12-U	Bedroom	25.25	0.68	1.52	61.45	75.40	0.74	1.00	1.9	
Eighth	R12	W13-L	Bedroom	33.49	0.68	0.95	76.20	77.45	0.74	0.15	0.2	2.2
		W13-U	Bedroom	30.20	0.68	1.50	70.02	77.45	0.74	1.00	2.0	
Eighth	R13	W14-L	Bedroom	29.27	0.68	0.95	68.36	60.47	0.74	0.15	0.2	2.3
		W14-U	Bedroom	21.93	0.68	1.50	55.95	60.47	0.74	1.00	2.1	
Eighth	R14	W15-L	LKD	30.39	0.68	1.89	70.37	97.47	0.73	0.15	0.3	2.8
		W15-U	LKD	21.78	0.68	2.99	55.70	97.47	0.73	1.00	2.5	
Eighth	R15	W16-L	Bedroom	31.85	0.68	0.93	73.05	79.49	0.73	0.15	0.2	2.1
		W16-U	Bedroom	28.95	0.68	1.54	67.79	79.49	0.73	1.00	1.9	
Eighth	R16	W17-L	LKD	36.83	0.68	1.84	83.21	90.10	0.73	0.15	0.4	4.0
		W17-U	LKD	32.65	0.68	3.03	74.57	90.10	0.73	1.00	3.6	
Eighth	R17	W18-L	Bedroom	37.37	0.68	1.84	84.42	87.79	0.73	0.15	0.4	4.1
		W18-U	Bedroom	33.02	0.68	3.03	75.27	87.79	0.73	1.00	3.8	
Eighth	R18	W19-L	Bedroom	33.09	0.68	0.92	75.41	78.87	0.73	0.15	0.2	2.1
		W19-U	Bedroom	27.79	0.68	1.52	65.77	78.87	0.73	1.00	1.9	
Eighth	R19	W20-L	Bedroom	33.06	0.68	0.93	75.36	54.30	0.75	0.15	0.3	3.1
		W20-U	Bedroom	27.77	0.68	1.52	65.74	54.30	0.75	1.00	2.8	
Eighth	R20	W21-L	Bedroom	37.42	0.68	1.83	84.54	58.71	0.74	0.15	0.6	6.4
		W21-U	Bedroom	33.01	0.68	3.04	75.26	58.71	0.74	1.00	5.8	
Eighth	R21	W22-L	LKD	35.73	0.68	1.30	80.80	121.85	0.73	0.15	0.2	3.0
		W22-U	LKD	29.60	0.68	2.26	68.94	121.85	0.73	1.00	1.8	
		W23	LKD	29.17	0.68	1.21	68.18	121.85	0.73	1.00	1.0	
Ninth	R1	W1-L	LKD	28.43	0.68	0.92	66.88	110.56	0.73	0.15	0.1	3.9
		W1-U	LKD	30.20	0.68	1.51	70.03	110.56	0.73	1.00	1.4	
		W2-L	LKD	32.59	0.68	1.38	74.45	110.56	0.73	0.15	0.2	
		W2-U	LKD	33.07	0.68	2.28	75.37	110.56	0.73	1.00	2.2	
Ninth	R2	W3-L	Bedroom	32.76	0.68	0.91	74.77	54.78	0.75	0.15	0.3	

Floor	Room ID	Window ID	Room Use	VSC	Win. Trans.	Glazing Area	Theta	Room Area	Room	Split Calc Multiplier	ADF	TOTAL ADF
Ninth	R3	W3-U	Bedroom	30.10	0.68	1.44	69.83	54.78	0.75	1.00	2.8	3.1
		W4-L	Bedroom	32.50	0.68	0.91	74.28	49.18	0.75	0.15	0.3	
		W4-U	Bedroom	29.92	0.68	1.44	69.52	49.18	0.75	1.00	3.1	3.4
Ninth	R4	W5-L	Bedroom	26.26	0.68	0.96	63.15	79.68	0.74	0.15	0.2	
		W5-U	Bedroom	24.36	0.68	1.50	59.96	79.68	0.74	1.00	1.7	1.9
Ninth	R5	W6-L	LKD	26.25	0.68	1.84	63.14	104.59	0.73	0.15	0.2	
		W6-U	LKD	16.42	0.68	3.04	46.82	104.59	0.73	1.00	2.0	2.2
Ninth	R6	W7-L	Bedroom	25.16	0.68	0.92	61.29	73.86	0.74	0.15	0.2	
		W7-U	Bedroom	16.72	0.68	1.52	47.32	73.86	0.74	1.00	1.5	1.6
Ninth	R7	W8-L	Bedroom	30.75	0.68	0.94	71.02	75.40	0.74	0.15	0.2	
		W8-U	Bedroom	28.12	0.68	1.52	66.33	75.40	0.74	1.00	2.0	2.2
Ninth	R8	W9-L	Bedroom	33.51	0.68	0.95	76.25	77.45	0.74	0.15	0.2	
		W9-U	Bedroom	24.36	0.68	1.50	59.97	77.45	0.74	1.00	1.7	1.9
Ninth	R9	W10-L	Bedroom	28.06	0.68	0.95	66.23	60.47	0.74	0.15	0.2	
		W10-U	Bedroom	18.18	0.68	1.50	49.76	60.47	0.74	1.00	1.9	2.1
Ninth	R10	W11-L	LKD	28.88	0.68	1.89	67.66	97.44	0.73	0.15	0.3	
		W11-U	LKD	18.00	0.68	2.99	49.47	97.44	0.73	1.00	2.2	2.5
Ninth	R11	W12-L	Bedroom	33.08	0.68	0.88	75.39	83.87	0.74	0.15	0.2	
		W12-U	Bedroom	29.82	0.68	1.47	69.34	83.87	0.74	1.00	1.8	2.0
Ninth	R12	W13-L	Bedroom	34.45	0.68	0.88	78.13	51.19	0.75	0.15	0.3	
		W13-U	Bedroom	31.07	0.68	1.47	71.60	51.19	0.75	1.00	3.1	3.5
Ninth	R13	W14-L	Bedroom	34.69	0.68	0.92	78.62	60.02	0.75	0.15	0.3	
		W14-U	Bedroom	31.32	0.68	1.52	72.05	60.02	0.75	1.00	2.8	3.1
Ninth	R14	W15-L	LKD	31.22	0.68	1.38	71.87	110.71	0.72	0.15	0.2	
		W15-U	LKD	29.49	0.68	2.28	68.74	110.71	0.72	1.00	2.0	
		W16-L	LKD	27.91	0.68	0.92	65.97	110.71	0.72	0.15	0.1	
		W16-U	LKD	30.02	0.68	1.52	69.70	110.71	0.72	1.00	1.4	3.7
Tenth	R1	W1-L	LKD	27.87	0.68	1.84	65.91	121.77	0.73	0.15	0.2	
		W1-U	LKD	21.98	0.68	3.03	56.03	121.77	0.73	1.00	2.0	
		W2-L	LKD	26.78	0.68	1.38	64.03	121.77	0.73	0.15	0.2	
		W2-U	LKD	19.22	0.68	2.28	51.49	121.77	0.73	1.00	1.4	3.8
Tenth	R2	W3-L	Bedroom	36.69	0.68	1.89	82.90	61.91	0.74	0.15	0.6	
		W3-U	Bedroom	33.07	0.68	2.99	75.38	61.91	0.74	1.00	5.5	6.1
Tenth	R3	W4-L	Bedroom	28.30	0.68	0.96	66.66	68.05	0.74	0.15	0.2	
		W4-U	Bedroom	26.67	0.68	1.50	63.84	68.05	0.74	1.00	2.1	2.3
Tenth	R4	W5-L	LKD	37.01	0.68	1.84	83.62	104.59	0.73	0.15	0.3	
		W5-U	LKD	33.26	0.68	3.04	75.75	104.59	0.73	1.00	3.2	3.5
Tenth	R5	W6-L	Bedroom	34.14	0.68	0.92	77.49	73.85	0.74	0.15	0.2	
		W6-U	Bedroom	31.44	0.68	1.52	72.28	73.85	0.74	1.00	2.2	2.5
Tenth	R6	W7-L	Bedroom	34.10	0.68	0.94	77.42	75.40	0.74	0.15	0.2	
		W7-U	Bedroom	31.44	0.68	1.52	72.27	75.40	0.74	1.00	2.2	2.4
Tenth	R7	W8-L	Bedroom	34.75	0.68	0.95	78.74	77.45	0.74	0.15	0.2	
		W8-U	Bedroom	31.29	0.68	1.50	72.00	77.45	0.74	1.00	2.1	2.3
Tenth	R8	W9-L	Bedroom	34.75	0.68	0.95	78.75	60.47	0.74	0.15	0.3	
		W9-U	Bedroom	31.28	0.68	1.50	71.99	60.47	0.74	1.00	2.7	3.0

Floor	Room ID	Window ID	Room Use	VSC	Win. Trans.	Glazing Area	Theta	Room Area	Room	Split Calc Multiplier	ADF	TOTAL ADF
Tenth	R9	W10-L	LKD	37.57	0.68	1.89	84.88	98.83	0.73	0.15	0.4	3.6
		W10-U	LKD	33.07	0.68	2.99	75.37	98.83	0.73	1.00	3.3	
Tenth	R10	W11-L	Bedroom	32.60	0.68	0.88	74.47	79.72	0.74	0.15	0.2	2.1
		W11-U	Bedroom	29.46	0.68	1.47	68.70	79.72	0.74	1.00	1.9	
Tenth	R11	W12-L	Bedroom	34.28	0.68	0.88	77.77	69.80	0.74	0.15	0.2	5.1
		W12-U	Bedroom	30.75	0.68	1.47	71.02	69.80	0.74	1.00	2.3	
		W13-L	Bedroom	34.75	0.68	0.92	78.75	69.80	0.74	0.15	0.2	
		W13-U	Bedroom	31.15	0.68	1.52	71.75	69.80	0.74	1.00	2.4	
Tenth	R12	W14-L	LKD	26.73	0.68	0.92	63.95	120.39	0.73	0.15	0.1	3.3
		W14-U	LKD	19.29	0.68	1.52	51.60	120.39	0.73	1.00	0.9	
		W15-L	LKD	27.87	0.68	1.84	65.90	120.39	0.73	0.15	0.2	
		W15-U	LKD	21.96	0.68	3.03	56.00	120.39	0.73	1.00	2.0	

Floor	Room ID	Window ID	Room Use	VSC	Win. Trans.	Glazing Area	Theta	Room Area	Room	Split Calc Multiplier	ROOM TOTAL APSH	ROOM WINTER APSH
Proposed												
Ground	R1	W1	LKD	0.14	0.68	0.98	4.05	153.53	0.72	1.00		
		W20-L	LKD	28.15	0.68	0.76	66.39	153.53	0.72	0.15		
		W20-U	LKD	26.52	0.68	1.24	63.59	153.53	0.72	1.00		
		W21-L	LKD	30.90	0.68	1.84	71.30	153.53	0.72	0.15		
		W21-U	LKD	28.92	0.68	3.03	67.74	153.53	0.72	1.00	62	23
Ground	R2	W2-L	LKD	12.11	0.68	0.75	39.30	149.77	0.72	0.15		
		W2-U	LKD	10.31	0.68	1.23	35.95	149.77	0.72	1.00		
		W3-L	LKD	14.05	0.68	1.84	42.76	149.77	0.72	0.15		
		W3-U	LKD	11.70	0.68	3.04	38.55	149.77	0.72	1.00	22	3
Ground	R3	W4-L	LKD	14.80	0.68	1.84	44.07	149.81	0.72	0.15		
		W4-U	LKD	12.29	0.68	3.04	39.62	149.81	0.72	1.00		
		W5-L	LKD	11.86	0.68	0.75	38.85	149.81	0.72	0.15		
		W5-U	LKD	9.81	0.68	1.23	34.97	149.81	0.72	1.00	20	4
Ground	R4	W6-L	LKD	11.24	0.68	0.75	37.71	152.59	0.72	0.15		
		W6-U	LKD	9.15	0.68	1.23	33.68	152.59	0.72	1.00		
		W7-L	LKD	13.99	0.68	1.84	42.65	152.59	0.72	0.15		
		W7-U	LKD	11.01	0.68	3.04	37.28	152.59	0.72	1.00	19	5
Ground	R7	W12	LKD	0.00	0.68	0.98	0.00	151.10	0.73	1.00		
		W14-L	LKD	32.60	0.68	1.85	74.47	151.10	0.73	0.15		
		W14-U	LKD	29.68	0.68	3.05	69.09	151.10	0.73	1.00		
		W15-L	LKD	28.62	0.68	0.75	67.22	151.10	0.73	0.15		
		W15-U	LKD	26.72	0.68	1.23	63.93	151.10	0.73	1.00	62	23
Ground	R8	W16-L	LKD	32.97	0.68	1.85	75.17	138.94	0.73	0.15		
		W16-U	LKD	29.57	0.68	3.05	68.89	138.94	0.73	1.00		
		W17-L	LKD	28.23	0.68	0.71	66.53	138.94	0.73	0.15		
		W17-U	LKD	25.89	0.68	1.17	62.53	138.94	0.73	1.00	63	24
Ground	R9	W18-L	LKD	28.46	0.68	0.72	66.93	158.61	0.72	0.15		
		W18-U	LKD	26.29	0.68	1.18	63.20	158.61	0.72	1.00		
		W19-L	LKD	32.58	0.68	1.85	74.43	158.61	0.72	0.15		
		W19-U	LKD	29.38	0.68	3.04	68.56	158.61	0.72	1.00	63	24
First	R29	W29-L	LKD	21.98	0.68	1.79	56.03	103.29	0.72	0.15		
		W29-U	LKD	14.28	0.68	3.09	43.16	103.29	0.72	1.00	13	1
First	R30	W30-L	LKD	18.76	0.68	1.79	50.72	105.77	0.73	0.15		
		W30-U	LKD	12.39	0.68	3.08	39.81	105.77	0.73	1.00	8	0
Second	R3	W3-L	LKD	12.45	0.68	1.84	39.92	96.57	0.73	0.15		
		W3-U	LKD	4.96	0.68	3.04	24.39	96.57	0.73	1.00	15	8
Second	R4	W4-L	LKD	13.56	0.68	1.84	41.90	93.46	0.73	0.15		
		W4-U	LKD	5.36	0.68	3.04	25.37	93.46	0.73	1.00	14	9
Second	R6	W6-L	LKD	12.82	0.68	1.84	40.59	90.38	0.73	0.15		
		W6-U	LKD	5.07	0.68	3.04	24.66	90.38	0.73	1.00	18	14
Second	R28	W28-L	LKD	20.26	0.68	0.90	53.20	96.69	0.73	0.15		
		W28-U	LKD	12.74	0.68	1.55	40.45	96.69	0.73	1.00	7	0
Second	R30	W30	LKD	17.13	0.68	0.86	48.02	120.24	0.72	1.00		
		W32-L	LKD	18.25	0.68	1.84	49.88	120.24	0.72	0.15		
		W32-U	LKD	10.58	0.68	3.04	36.46	120.24	0.72	1.00	23	15
Second	R35	W39-L	LKD	18.16	0.68	1.84	49.74	114.98	0.72	0.15		
		W39-U	LKD	10.56	0.68	3.04	36.43	114.98	0.72	1.00	19	17
Third	R3	W3-L	LKD	18.11	0.68	1.84	49.64	96.57	0.73	0.15		
		W3-U	LKD	11.27	0.68	3.04	37.75	96.57	0.73	1.00	28	12
Third	R4	W4-L	LKD	18.44	0.68	1.84	50.19	93.46	0.73	0.15		
		W4-U	LKD	11.31	0.68	3.04	37.84	93.46	0.73	1.00	28	12
Third	R6	W6-L	LKD	17.36	0.68	1.84	48.39	90.38	0.73	0.15		

Floor	Room ID	Window ID	Room Use	VSC	Win. Trans.	Glazing Area	Theta	Room Area	Room	Split Calc Multiplier	ROOM TOTAL APSH	ROOM WINTER APSH
Third	R28	W6-U	LKD	10.07	0.68	3.04	35.47	90.38	0.73	1.00	28	15
		W28-L	LKD	26.14	0.68	0.90	62.95	96.69	0.73	0.15	7	0
		W28-U	LKD	23.64	0.68	1.55	58.78	96.69	0.73	1.00		
Third	R30	W30	LKD	38.20	0.68	0.85	86.39	120.24	0.72	1.00	50	20
		W32-L	LKD	24.94	0.68	1.84	60.93	120.24	0.72	0.15		
		W32-U	LKD	17.52	0.68	3.04	48.67	120.24	0.72	1.00		
		W41-L	LKD	19.59	0.68	0.41	52.10	120.24	0.72	0.15		
		W41-U	LKD	19.90	0.68	0.63	52.60	120.24	0.72	1.00		
		W42-L	LKD	21.34	0.68	0.41	54.98	120.24	0.72	0.15		
		W42-U	LKD	21.60	0.68	0.63	55.41	120.24	0.72	1.00		
Third	R35	W39-L	LKD	24.93	0.68	1.84	60.92	114.98	0.72	0.15	35	20
		W39-U	LKD	17.51	0.68	3.04	48.64	114.98	0.72	1.00		
Fourth	R2	W3-L	LKD	21.73	0.68	1.84	55.63	101.25	0.73	0.15	26	15
		W3-U	LKD	12.43	0.68	3.04	39.88	101.25	0.73	1.00		
Fourth	R3	W4-L	LKD	20.78	0.68	1.84	54.06	100.47	0.73	0.15	23	12
		W4-U	LKD	11.19	0.68	3.04	37.61	100.47	0.73	1.00		
Fourth	R5	W6-L	LKD	19.12	0.68	1.84	51.33	90.38	0.73	0.15	24	13
		W6-U	LKD	9.63	0.68	3.04	34.63	90.38	0.73	1.00		
Fourth	R25	W26-L	LKD	28.25	0.68	1.79	66.56	113.80	0.73	0.15	15	3
		W26-U	LKD	17.54	0.68	3.09	48.69	113.80	0.73	1.00		
Fifth	R2	W3-L	LKD	32.59	0.68	1.84	74.46	101.11	0.73	0.15	44	16
		W3-U	LKD	28.82	0.68	3.04	67.56	101.11	0.73	1.00		
Fifth	R3	W4-L	LKD	31.62	0.68	1.84	72.61	100.47	0.73	0.15	42	14
		W4-U	LKD	27.92	0.68	3.04	66.00	100.47	0.73	1.00		
Fifth	R5	W6-L	LKD	29.33	0.68	1.84	68.46	90.38	0.73	0.15	41	13
		W6-U	LKD	25.79	0.68	3.04	62.36	90.38	0.73	1.00		
Fifth	R25	W26-L	LKD	37.09	0.68	1.83	83.79	113.80	0.73	0.15	21	3
		W26-U	LKD	32.68	0.68	3.04	74.61	113.80	0.73	1.00		
Sixth	R1	W2-L	LKD	24.37	0.68	1.73	59.99	107.06	0.72	0.15	68	28
		W2-U	LKD	18.06	0.68	3.04	49.56	107.06	0.72	1.00		
		W3-L	LKD	31.37	0.68	1.89	72.15	107.06	0.72	0.15		
		W3-U	LKD	27.35	0.68	2.99	65.01	107.06	0.72	1.00		
Sixth	R19	W20-L	LKD	37.19	0.68	1.83	84.01	114.00	0.72	0.15	43	22
		W20-U	LKD	32.79	0.68	3.04	74.83	114.00	0.72	1.00		
		W21-L	LKD	34.43	0.68	0.92	78.08	114.00	0.72	0.15		
		W21-U	LKD	31.04	0.68	1.53	71.55	114.00	0.72	1.00		
		W22-L	LKD	24.40	0.68	1.71	60.03	114.00	0.72	0.15		
		W22-U	LKD	18.07	0.68	3.04	49.57	114.00	0.72	1.00		
Seventh	R1	W3-L	LKD	28.57	0.68	1.74	67.13	107.49	0.72	0.15	72	29
		W3-U	LKD	18.09	0.68	3.03	49.61	107.49	0.72	1.00		
		W4-L	LKD	33.31	0.68	1.89	75.85	107.49	0.72	0.15		
		W4-U	LKD	29.26	0.68	2.99	68.35	107.49	0.72	1.00		
Seventh	R21	W22-L	LKD	34.53	0.68	0.92	78.29	121.85	0.73	0.15	42	24
		W22-U	LKD	31.15	0.68	1.53	71.74	121.85	0.73	1.00		
		W23-L	LKD	28.56	0.68	1.72	67.11	121.85	0.73	0.15		
		W23-U	LKD	18.10	0.68	3.03	49.64	121.85	0.73	1.00		
		W24-L	LKD	27.31	0.68	0.88	64.94	121.85	0.73	0.15		
		W24-U	LKD	17.72	0.68	1.53	49.00	121.85	0.73	1.00		
Eighth	R1	W3-L	LKD	36.85	0.68	1.30	83.25	107.49	0.72	0.15	86	30
		W3-U	LKD	32.82	0.68	2.28	74.88	107.49	0.72	1.00		
		W4	LKD	22.67	0.68	1.20	57.16	107.49	0.72	1.00		
Eighth	R21	W22-L	LKD	35.73	0.68	1.30	80.80	121.85	0.73	0.15	57	24
		W22-U	LKD	29.60	0.68	2.26	68.94	121.85	0.73	1.00		
		W23	LKD	29.17	0.68	1.21	68.18	121.85	0.73	1.00		

Floor	Room ID	Window ID	Room Use	VSC	Win. Trans.	Glazing Area	Theta	Room Area	Room	Split Calc Multiplier	ROOM TOTAL APSH	ROOM WINTER APSH
Ninth	R1	W1-L	LKD	28.43	0.68	0.92	66.88	110.56	0.73	0.15	61	25
		W1-U	LKD	30.20	0.68	1.51	70.03	110.56	0.73	1.00		
		W2-L	LKD	32.59	0.68	1.38	74.45	110.56	0.73	0.15		
		W2-U	LKD	33.07	0.68	2.28	75.37	110.56	0.73	1.00		
Ninth	R14	W15-L	LKD	31.22	0.68	1.38	71.87	110.71	0.72	0.15	60	24
		W15-U	LKD	29.49	0.68	2.28	68.74	110.71	0.72	1.00		
		W16-L	LKD	27.91	0.68	0.92	65.97	110.71	0.72	0.15		
		W16-U	LKD	30.02	0.68	1.52	69.70	110.71	0.72	1.00		
Tenth	R1	W1-L	LKD	27.87	0.68	1.84	65.91	121.77	0.73	0.15	41	21
		W1-U	LKD	21.98	0.68	3.03	56.03	121.77	0.73	1.00		
		W2-L	LKD	26.78	0.68	1.38	64.03	121.77	0.73	0.15		
		W2-U	LKD	19.22	0.68	2.28	51.49	121.77	0.73	1.00		
Tenth	R12	W14-L	LKD	26.73	0.68	0.92	63.95	120.39	0.73	0.15	41	20
		W14-U	LKD	19.29	0.68	1.52	51.60	120.39	0.73	1.00		
		W15-L	LKD	27.87	0.68	1.84	65.90	120.39	0.73	0.15		
		W15-U	LKD	21.96	0.68	3.03	56.00	120.39	0.73	1.00		