

PROJECT: CORNBROOK, MANCHESTER
SUBJECT: A COMPARISON OF THE DAYLIGHT & SUNLIGHT EFFECTS OF THE PROPOSED DEVELOPMENT AND THE PREVIOUSLY CONSENTED SCHEME (118625/FO/2017) ON VOX APARTMENTS
DATE: 16 MAY 2024

01. INTRODUCTION

- 1.1 GIA were instructed by Forshaw Group to provide daylight and sunlight advice in relation to the proposed development at Cornbrook, Manchester (139133/FO/2024).
- 1.2 Following response to our daylight and sunlight report, dated 26 January 2024, GIA have been asked to undertake an additional supplementary assessment of the proposed development, in order to provide further clarity on the outcome of our assessments to date, and verify the conclusions made within our report.
- 1.3 This supporting document is intended to be read in conjunction with our original daylight and sunlight report, and serves only as an addendum.

02. ASSESSMENT SCENARIO

- 2.1 GIA have been instructed to undertake a supplementary daylight and sunlight assessment of the proposed development utilising the previously consented development (118625/FO/2017) as the baseline.
- 2.2 Appendix F of the BRE Guide states that: *"Sometimes there may be an extant planning permission for a site but the developer wants to change the design. In assessing the loss of light to existing windows, a local authority may allow the Vertical Sky Component (VSC) and Annual Probable Sunlight Hours (APSH) for the permitted scheme to be used as alternative benchmarks."*
- 2.3 As such, we have undertaken a comparison of the VSC daylight, and APSH sunlight levels of Vox Apartments with both the previously consented scheme, and proposed development in place. The consented massing used in our assessment is depicted below:

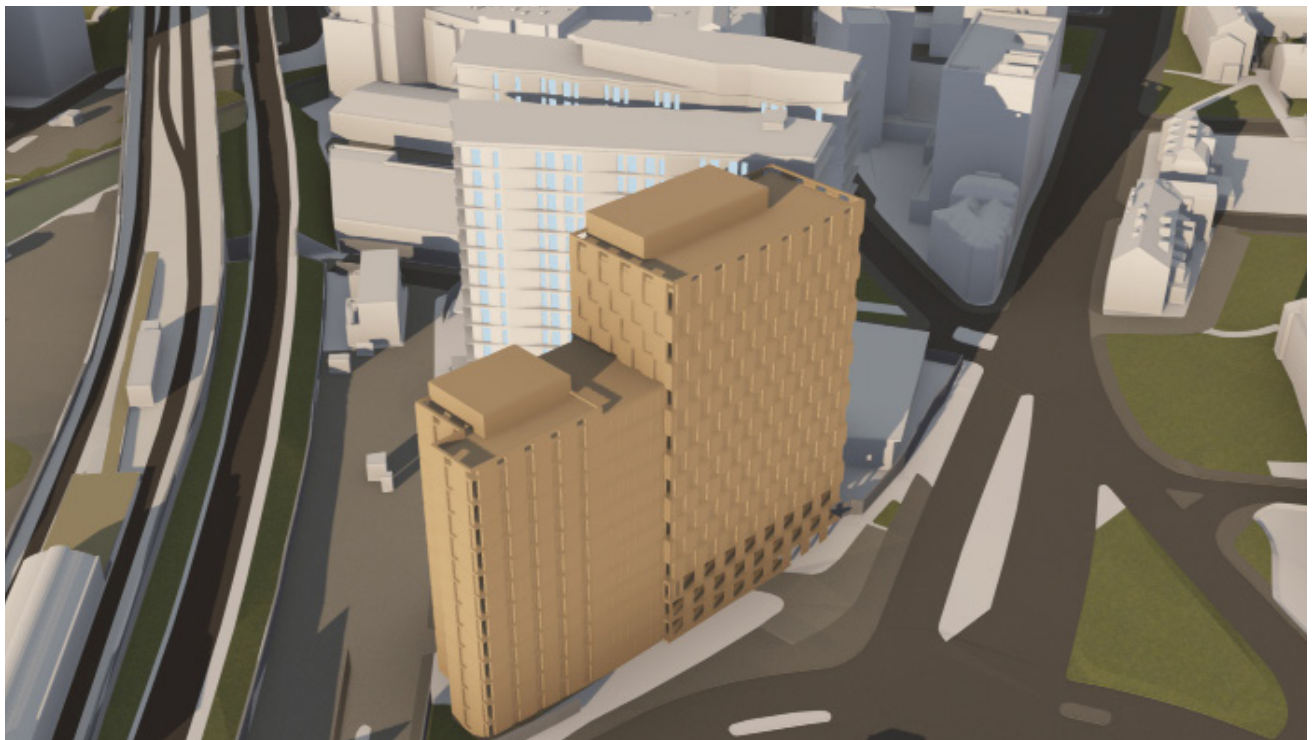


Figure 01: 3D Model of Previous Consent (118625/FO/2017)

03. CONSENTED VS PROPOSED RESULTS

DAYLIGHT

- 3.1 A total of 334 windows at Vox Apartments have been assessed for VSC daylight. Detailed assessment results are appended to this document and summarised below:
- 3.2 The average VSC daylight level of windows at Vox Apartments in both the consented and proposed scenarios is broken down on a floor-by-floor basis in the table below:

VOX APARTMENTS AVERAGE VSC DAYLIGHT BY FLOOR		
FLOOR	CONSENTED	PROPOSED
F01	18.62%	17.01%
F02	19.19%	17.44%
F03	19.66%	17.67%
F04	20.12%	17.86%
F05	20.62%	18.03%
F06	21.18%	18.21%
F07	21.82%	18.41%
F08	22.56%	18.62%
F09	23.41%	18.82%
F10	24.44%	19.07%
F11	21.92%	18.53%
F12	24.53%	20.34%
F13	27.99%	22.53%
F14	32.26%	24.80%

Table 01 - Average VSC Daylight By Floor

- 3.3 As illustrated by the table above, the proposed development would impart some additional effects on the VSC daylight of Vox Apartments however, the average VSC daylight level of the lower floors of the property can be considered comparable in both scenarios, with differences of around 3% or lower. Whilst there are larger differences evident to the upper floors of the property, these floors are reduced, on average, to levels of VSC daylight that have been previously consented on lower floors of the property, and can therefore be considered acceptable in context to the site. Additionally, lower levels of VSC daylight were consented as part of the Vox development itself, as illustrated by the indicative assessment of courtyard daylight contained within our full daylight and sunlight report.

SUNLIGHT

- 3.4 A total of 244 rooms at Vox Apartments have been assessed for APSH Sunlight. Detailed assessment results are appended to this document and summarised below:
- 3.5 The average APSH sunlight level of rooms at Vox Apartments in both the consented and proposed scenarios is broken down on a floor-by-floor basis in the table below:

VOZ APARTMENTS AVERAGE APSH SUNLIGHT BY FLOOR		
FLOOR	CONSENTED	PROPOSED
F01	30.9%	25.8%
F02	31.2%	25.8%
F03	32.3%	26.2%
F04	33.2%	26.6%
F05	34.8%	26.8%
F06	35.8%	27.6%
F07	38.4%	28.0%
F08	41.4%	28.4%
F09	44.0%	29.0%
F10	46.4%	30.0%
F11	40.8%	31.0%
F12	46.1%	34.8%
F13	53.7%	39.9%
F14	62.7%	45.8%

Table 02 - Average APSH Sunlight By Floor

- 3.6 As with daylight, the above table illustrates that whilst there would be a noticeable difference to the consented sunlight levels, the rooms will still retain levels of APSH sunlight that are commonly considered acceptable in an urban context. The lowest level of annual probable sunlight is 16% in the proposed scenario, against a BRE target of 25%, however the rooms typically achieve in excess of 20% and overall, the average annual sunlight hours for each floor of the property exceeds the 25% target.

04. CONCLUSIONS

- 4.1 GIA have been instructed to undertake a supplementary daylight and sunlight assessment of the proposed development utilising the previously consented development (118625/FO/2017) as the baseline.
- 4.2 Overall, with the proposed development in place, there would be a difference in the level of daylight and sunlight received by Vox Apartments compared to those with the consented scheme in place. Notwithstanding, GIA have undertaken a number of contextual assessments of the property, which show that where noticeable differences are evident, the rooms would still retain levels of daylight and sunlight that have previously been considered acceptable elsewhere within the property.
- 4.3 Full daylight and sunlight results of our consented vs proposed assessment are appended to this document.

APPENDIX 01

CONSENTED VS PROPOSED RESULTS

					VSC(WINDOW)				APSH (ROOM)					
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	WINDOW	EX. %	PR. %	LOSS	LOSS %	EX.		PR.		LOSS %	
									ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
VOX														
F01	R1	Residential	Bedroom	W1/F01	29.2	29	0.2	0.7						
	R2	Residential	Bedroom	W2/F01	24.4	24.3	0.1	0.4						
	R3	Residential	Living Room	W3/F01	21.1	21	0.1	0.5	47	21	47	21	0	0
				W4/F01	10.5	10.5	0	0						
	R4	Residential	Bedroom	W5/F01	13.9	12.7	1.2	8.6						
	R5	Residential	Living Room	W6/F01	13.3	12	1.3	9.8	25	5	20	2	20	60
				W7/F01	11.5	10	1.5	13						
	R6	Residential	Bedroom	W8/F01	10.3	8.9	1.4	13.6						
	R7	Residential	Bedroom	W9/F01	15.8	13.7	2.1	13.3						
	R8	Residential	Living Room	W10/F01	15.7	13.5	2.2	14	20	0	16	0	20	0
				W11/F01	14.7	12.7	2	13.6						
	R9	Residential	Bedroom	W12/F01	13.9	12	1.9	13.7						
	R10	Residential	Bedroom	W13/F01	20.7	17.9	2.8	13.5						
	R11	Residential	Living Room	W14/F01	20.6	17.8	2.8	13.6	26	1	20	1	23.1	0
				W15/F01	19.6	16.9	2.7	13.8						
	R12	Residential	Bedroom	W16/F01	18.6	16.1	2.5	13.4						
	R13	Residential	Bedroom	W17/F01	26.2	23.2	3	11.5						
	R14	Residential	Living Room	W18/F01	24.8	22	2.8	11.3	36	4	26	4	27.8	0
				W19/F01	29.1	29.1	0	0						
F02	R1	Residential	Bedroom	W1/F02	30	29.8	0.2	0.7						
	R2	Residential	Bedroom	W2/F02	25.2	25.1	0.1	0.4						
	R3	Residential	Living Room	W3/F02	21.9	21.8	0.1	0.5	47	21	47	21	0	0
				W4/F02	10.8	10.8	0	0						
	R4	Residential	Bedroom	W5/F02	14.2	13	1.2	8.5						
	R5	Residential	Living Room	W6/F02	13.6	12.3	1.3	9.6	25	5	20	2	20	60
				W7/F02	11.8	10.3	1.5	12.7						
	R6	Residential	Bedroom	W8/F02	10.6	9.2	1.4	13.2						
	R7	Residential	Bedroom	W9/F02	16.3	14	2.3	14.1						
	R8	Residential	Living Room	W10/F02	16.2	13.9	2.3	14.2	19	0	16	0	15.8	0
				W11/F02	15.2	13.1	2.1	13.8						
	R9	Residential	Bedroom	W12/F02	14.4	12.3	2.1	14.6						
	R10	Residential	Bedroom	W13/F02	21.4	18.3	3.1	14.5						
	R11	Residential	Living Room	W14/F02	21.4	18.2	3.2	15	29	1	20	1	31	0
				W15/F02	20.3	17.3	3	14.8						
	R12	Residential	Bedroom	W16/F02	19.2	16.5	2.7	14.1						
	R13	Residential	Bedroom	W17/F02	27	23.6	3.4	12.6						
	R14	Residential	Living Room	W18/F02	25.6	22.4	3.2	12.5	36	4	26	4	27.8	0
				W19/F02	29.6	29.6	0	0						
F03	R1	Residential	Bedroom	W1/F03	30.7	30.5	0.2	0.7						
	R2	Residential	Bedroom	W2/F03	25.9	25.7	0.2	0.8						
	R3	Residential	Living Room	W3/F03	22.6	22.5	0.1	0.4	49	22	49	22	0	0
				W4/F03	11	11	0	0						
	R4	Residential	Bedroom	W5/F03	14.4	13.1	1.3	9						
	R5	Residential	Living Room	W6/F03	13.9	12.4	1.5	10.8	25	5	20	2	20	60

				W7/F03	121	10.4	1.7	14						
	R6	Residential	Bedroom	W8/F03	10.9	9.4	1.5	13.8						
	R7	Residential	Bedroom	W9/F03	16.7	14.1	2.6	15.6						
	R8	Residential	Living Room	W10/F03	16.6	14	2.6	15.7	20	0	16	0	20	0
				W11/F03	15.7	13.2	2.5	15.9						
	R9	Residential	Bedroom	W12/F03	14.8	12.4	2.4	16.2						
	R10	Residential	Bedroom	W13/F03	22	18.5	3.5	15.9						
	R11	Residential	Living Room	W14/F03	22	18.4	3.6	16.4	30	1	20	1	33.3	0
				W15/F03	21	17.5	3.5	16.7						
	R12	Residential	Bedroom	W16/F03	19.8	16.7	3.1	15.7						
	R13	Residential	Bedroom	W17/F03	27.7	23.8	3.9	14.1						
	R14	Residential	Living Room	W18/F03	26.2	22.6	3.6	13.7	37	4	26	4	29.7	0
				W19/F03	29.7	29.7	0	0						
F04	R1	Residential	Bedroom	W1/F04	31.2	31	0.2	0.6						
	R2	Residential	Bedroom	W2/F04	26.4	26.2	0.2	0.8						
	R3	Residential	Living Room	W3/F04	23.1	23	0.1	0.4	49	22	49	22	0	0
				W4/F04	11.1	11.1	0	0						
	R4	Residential	Bedroom	W5/F04	14.7	13.2	1.5	10.2						
	R5	Residential	Living Room	W6/F04	14.1	12.5	1.6	11.3	26	6	21	3	19.2	50
				W7/F04	12.3	10.5	1.8	14.6						
	R6	Residential	Bedroom	W8/F04	11.1	9.4	1.7	15.3						
	R7	Residential	Bedroom	W9/F04	17.1	14.3	2.8	16.4						
	R8	Residential	Living Room	W10/F04	17.1	14.1	3	17.5	20	0	16	0	20	0
				W11/F04	16.2	13.3	2.9	17.9						
	R9	Residential	Bedroom	W12/F04	15.3	12.5	2.8	18.3						
	R10	Residential	Bedroom	W13/F04	22.7	18.7	4	17.6						
	R11	Residential	Living Room	W14/F04	22.7	18.6	4.1	18.1	33	1	20	1	39.4	0
				W15/F04	21.6	17.6	4	18.5						
	R12	Residential	Bedroom	W16/F04	20.5	16.8	3.7	18						
	R13	Residential	Bedroom	W17/F04	28.4	24	4.4	15.5						
	R14	Residential	Living Room	W18/F04	26.9	22.8	4.1	15.2	38	4	27	4	28.9	0
				W19/F04	29.8	29.8	0	0						
F05	R1	Residential	Bedroom	W1/F05	31.5	31.3	0.2	0.6						
	R2	Residential	Bedroom	W2/F05	26.7	26.6	0.1	0.4						
	R3	Residential	Living Room	W3/F05	23.4	23.3	0.1	0.4	49	22	49	22	0	0
				W4/F05	11.1	11.1	0	0						
	R4	Residential	Bedroom	W5/F05	15	13.3	1.7	11.3						
	R5	Residential	Living Room	W6/F05	14.4	12.7	1.7	11.8	26	6	21	3	19.2	50
				W7/F05	12.7	10.6	2.1	16.5						
	R6	Residential	Bedroom	W8/F05	11.4	9.5	1.9	16.7						
	R7	Residential	Bedroom	W9/F05	17.7	14.4	3.3	18.6						
	R8	Residential	Living Room	W10/F05	17.7	14.3	3.4	19.2	22	0	16	0	27.3	0
				W11/F05	16.8	13.4	3.4	20.2						
	R9	Residential	Bedroom	W12/F05	15.9	12.6	3.3	20.8						
	R10	Residential	Bedroom	W13/F05	23.5	18.9	4.6	19.6						
	R11	Residential	Living Room	W14/F05	23.6	18.8	4.8	20.3	35	1	20	1	42.9	0
				W15/F05	22.5	17.8	4.7	20.9						
	R12	Residential	Bedroom	W16/F05	21.2	16.9	4.3	20.3						
	R13	Residential	Bedroom	W17/F05	29.2	24.2	5	17.1						
	R14	Residential	Living Room	W18/F05	27.7	23	4.7	17	42	6	28	4	33.3	33.3

				W19/F05	29.9	29.9	0	0						
F06	R1	Residential	Bedroom	W1/F06	31.9	31.7	0.2	0.6						
	R2	Residential	Bedroom	W2/F06	27	26.9	0.1	0.4						
	R3	Residential	Living Room	W3/F06	23.7	23.6	0.1	0.4	49	22	49	22	0	0
				W4/F06	11.1	11.1	0	0						
	R4	Residential	Bedroom	W5/F06	15.3	13.4	1.9	12.4						
	R5	Residential	Living Room	W6/F06	14.8	12.8	2	13.5	26	6	21	3	19.2	50
				W7/F06	13.1	10.7	2.4	18.3						
	R6	Residential	Bedroom	W8/F06	11.7	9.6	2.1	17.9						
	R7	Residential	Bedroom	W9/F06	18.4	14.6	3.8	20.7						
	R8	Residential	Living Room	W10/F06	18.5	14.4	4.1	22.2	23	0	16	0	30.4	0
				W11/F06	17.5	13.6	3.9	22.3						
	R9	Residential	Bedroom	W12/F06	16.6	12.8	3.8	22.9						
	R10	Residential	Bedroom	W13/F06	24.4	19.1	5.3	21.7						
	R11	Residential	Living Room	W14/F06	24.5	19	5.5	22.4	38	2	23	1	39.5	50
				W15/F06	23.4	18	5.4	23.1						
	R12	Residential	Bedroom	W16/F06	22.1	17.1	5	22.6						
	R13	Residential	Bedroom	W17/F06	30.1	24.5	5.6	18.6						
	R14	Residential	Living Room	W18/F06	28.5	23.2	5.3	18.6	43	6	29	4	32.6	33.3
				W19/F06	30	30	0	0						
F07	R1	Residential	Bedroom	W1/F07	32.2	32	0.2	0.6						
	R2	Residential	Bedroom	W2/F07	27.3	27.2	0.1	0.4						
	R3	Residential	Living Room	W3/F07	24	23.9	0.1	0.4	49	22	49	22	0	0
				W4/F07	11.1	11.1	0	0						
	R4	Residential	Bedroom	W5/F07	15.7	13.5	2.2	14						
	R5	Residential	Living Room	W6/F07	15.3	12.9	2.4	15.7	28	7	22	4	21.4	42.9
				W7/F07	13.6	10.9	2.7	19.9						
	R6	Residential	Bedroom	W8/F07	12.2	9.8	2.4	19.7						
	R7	Residential	Bedroom	W9/F07	19.1	14.7	4.4	23						
	R8	Residential	Living Room	W10/F07	19.3	14.6	4.7	24.4	29	1	17	0	41.4	100
				W11/F07	18.4	13.8	4.6	25						
	R9	Residential	Bedroom	W12/F07	17.4	12.9	4.5	25.9						
	R10	Residential	Bedroom	W13/F07	25.5	19.4	6.1	23.9						
	R11	Residential	Living Room	W14/F07	25.6	19.3	6.3	24.6	40	2	23	1	42.5	50
				W15/F07	24.4	18.3	6.1	25						
	R12	Residential	Bedroom	W16/F07	23.1	17.3	5.8	25.1						
	R13	Residential	Bedroom	W17/F07	31.1	24.8	6.3	20.3						
	R14	Residential	Living Room	W18/F07	29.4	23.4	6	20.4	46	7	29	4	37	42.9
				W19/F07	30	30	0	0						
F08	R1	Residential	Bedroom	W1/F08	32.4	32.2	0.2	0.6						
	R2	Residential	Bedroom	W2/F08	27.5	27.4	0.1	0.4						
	R3	Residential	Living Room	W3/F08	24.2	24.1	0.1	0.4	49	22	49	22	0	0
				W4/F08	11.1	11.1	0	0						
	R4	Residential	Bedroom	W5/F08	16.2	13.7	2.5	15.4						
	R5	Residential	Living Room	W6/F08	15.9	13.1	2.8	17.6	30	7	22	4	26.7	42.9
				W7/F08	14.3	11	3.3	23.1						
	R6	Residential	Bedroom	W8/F08	12.8	9.9	2.9	22.7						
	R7	Residential	Bedroom	W9/F08	20.1	14.9	5.2	25.9						
	R8	Residential	Living Room	W10/F08	20.4	14.9	5.5	27	34	2	17	0	50	100
				W11/F08	19.5	14	5.5	28.2						

	R9	Residential	Bedroom	W12/F08	18.4	13.1	5.3	28.8						
	R10	Residential	Bedroom	W13/F08	26.7	19.7	7	26.2						
	R11	Residential	Living Room	W14/F08	26.8	19.6	7.2	26.9	45	3	23	1	48.9	66.7
				W15/F08	25.6	18.6	7	27.3						
	R12	Residential	Bedroom	W16/F08	24.2	17.6	6.6	27.3						
	R13	Residential	Bedroom	W17/F08	32.1	25.1	7	21.8						
	R14	Residential	Living Room	W18/F08	30.4	23.7	6.7	22	49	8	31	4	36.7	50
				W19/F08	30.1	30.1	0	0						
F09	R1	Residential	Bedroom	W1/F09	32.6	32.4	0.2	0.6						
	R2	Residential	Bedroom	W2/F09	27.7	27.6	0.1	0.4						
	R3	Residential	Living Room	W3/F09	24.3	24.2	0.1	0.4	49	22	49	22	0	0
				W4/F09	11.1	11.1	0	0						
	R4	Residential	Bedroom	W5/F09	16.9	13.8	3.1	18.3						
	R5	Residential	Living Room	W6/F09	16.7	13.2	3.5	21	33	7	22	4	33.3	42.9
				W7/F09	15.2	11.1	4.1	27						
	R6	Residential	Bedroom	W8/F09	13.8	10	3.8	27.5						
	R7	Residential	Bedroom	W9/F09	21.4	15.2	6.2	29						
	R8	Residential	Living Room	W10/F09	21.6	15.1	6.5	30.1	38	3	17	0	55.3	100
				W11/F09	20.8	14.2	6.6	31.7						
	R9	Residential	Bedroom	W12/F09	19.7	13.3	6.4	32.5						
	R10	Residential	Bedroom	W13/F09	28	20	8	28.6						
	R11	Residential	Living Room	W14/F09	28.1	20	8.1	28.8	48	3	24	1	50	66.7
				W15/F09	26.9	18.9	8	29.7						
	R12	Residential	Bedroom	W16/F09	25.4	17.9	7.5	29.5						
	R13	Residential	Bedroom	W17/F09	33.2	25.5	7.7	23.2						
	R14	Residential	Living Room	W18/F09	31.4	24.1	7.3	23.2	52	11	33	4	36.5	63.6
				W19/F09	30.1	30.1	0	0						
F10	R1	Residential	Bedroom	W1/F10	32.8	32.5	0.3	0.9						
	R2	Residential	Bedroom	W2/F10	27.9	27.7	0.2	0.7						
	R3	Residential	Living Room	W3/F10	24.5	24.4	0.1	0.4	49	22	49	22	0	0
				W4/F10	11	11	0	0						
	R4	Residential	Bedroom	W5/F10	17.9	14	3.9	21.8						
	R5	Residential	Living Room	W6/F10	17.8	13.4	4.4	24.7	37	8	23	5	37.8	37.5
				W7/F10	16.5	11.3	5.2	31.5						
	R6	Residential	Bedroom	W8/F10	15.1	10.2	4.9	32.5						
	R7	Residential	Bedroom	W9/F10	22.9	15.5	7.4	32.3						
	R8	Residential	Living Room	W10/F10	23.2	15.4	7.8	33.6	42	2	17	0	59.5	100
				W11/F10	22.4	14.5	7.9	35.3						
	R9	Residential	Bedroom	W12/F10	21.3	13.6	7.7	36.2						
	R10	Residential	Bedroom	W13/F10	29.6	20.5	9.1	30.7						
	R11	Residential	Living Room	W14/F10	29.6	20.4	9.2	31.1	51	5	27	1	47.1	80
				W15/F10	28.3	19.3	9	31.8						
	R12	Residential	Bedroom	W16/F10	26.8	18.2	8.6	32.1						
	R13	Residential	Bedroom	W17/F10	34.3	25.9	8.4	24.5						
	R14	Residential	Living Room	W18/F10	32.4	24.5	7.9	24.4	53	12	34	4	35.8	66.7
				W19/F10	30.2	30.1	0.1	0.3						
F11	R1	Residential	Bedroom	W1/F11	33	32.7	0.3	0.9						
	R2	Residential	Bedroom	W2/F11	28	27.9	0.1	0.4						
	R3	Residential	Living Room	W3/F11	24.7	24.6	0.1	0.4	50	23	50	23	0	0
				W4/F11	11.1	11.1	0	0						

	R4	Residential	Bedroom	W5/F11	19.5	14.1	5.4	27.7						
	R5	Residential	Living Room	W6/F11	19.4	13.6	5.8	29.9	42	8	23	5	45.2	37.5
				W7/F11	18.3	11.5	6.8	37.2						
	R6	Residential	Bedroom	W8/F11	16.9	10.3	6.6	39.1						
	R7	Residential	Bedroom	W9/F11	24.9	15.8	9.1	36.5						
	R8	Residential	Living Room	W10/F11	25.3	15.8	9.5	37.5	47	3	17	0	63.8	100
				W11/F11	24.4	14.9	9.5	38.9						
	R9	Residential	Bedroom	W12/F11	23.2	14	9.2	39.7						
	R10	Residential	Bedroom	W13/F11	31.3	20.9	10.4	33.2						
	R11	Residential	Living Room	W14/F11	31.2	20.9	10.3	33	55	9	27	1	50.9	88.9
				W15/F11	29.8	19.7	10.1	33.9						
	R12	Residential	Bedroom	W16/F11	28.2	18.6	9.6	34						
	R13	Residential	Bedroom	W17/F11	35.5	26.4	9.1	25.6						
	R14	Residential	Living Room	W18/F11	33.4	24.9	8.5	25.4	55	14	36	4	34.5	71.4
				W19/F11	30.2	30.1	0.1	0.3						
	R15	Residential	Bedroom	W20/F11	27.3	27	0.3	1.1						
	R16	Residential	Bedroom	W21/F11	22.8	22.5	0.3	1.3						
	R17	Residential	Bedroom	W22/F11	22	21.7	0.3	1.4						
	R18	Residential	LKD	W23/F11	21.1	20.9	0.2	0.9	31	5	30	5	3.2	0
				W24/F11	19.4	19.3	0.1	0.5						
	R19	Residential	Bedroom	W25/F11	18.4	18.3	0.1	0.5						
	R20	Residential	LKD	W26/F11	16.5	16.4	0.1	0.6	21	3	21	3	0	0
				W27/F11	16.1	16.1	0	0						
	R21	Residential	Bedroom	W28/F11	15.3	15.3	0	0						
	R22	Residential	LKD	W29/F11	13.7	13.6	0.1	0.7	18	4	17	4	5.6	0
				W30/F11	13.3	13.3	0	0						
	R23	Residential	Bedroom	W31/F11	12.6	12.6	0	0						
	R24	Residential	LKD	W32/F11	10	10	0	0	17	9	17	9	0	0
				W33/F11	9.9	9.9	0	0						
	R25	Residential	Bedroom	W34/F11	9.9	9.9	0	0						
	R26	Residential	LKD	W35/F11	20.8	20.6	0.2	1	72	26	72	26	0	0
				W36/F11	32	32	0	0						
F12	R1	Residential	Bedroom	W1/F12	33.3	32.9	0.4	1.2						
	R2	Residential	Bedroom	W2/F12	28.2	28	0.2	0.7						
	R3	Residential	Living Room	W3/F12	24.8	24.7	0.1	0.4	50	23	50	23	0	0
				W4/F12	11.8	11.8	0	0						
	R4	Residential	Bedroom	W5/F12	21.8	14.3	7.5	34.4						
	R5	Residential	Living Room	W6/F12	21.9	13.8	8.1	37	48	9	24	6	50	33.3
				W7/F12	20.9	11.7	9.2	44						
	R6	Residential	Bedroom	W8/F12	19.6	10.6	9	45.9						
	R7	Residential	Bedroom	W9/F12	27.5	16.3	11.2	40.7						
	R8	Residential	Living Room	W10/F12	27.7	16.3	11.4	41.2	51	5	18	0	64.7	100
				W11/F12	26.7	15.4	11.3	42.3						
	R9	Residential	Bedroom	W12/F12	25.4	14.4	11	43.3						
	R10	Residential	Bedroom	W13/F12	33.1	21.5	11.6	35						
	R11	Residential	Living Room	W14/F12	32.9	21.5	11.4	34.7	59	13	30	1	49.2	92.3
				W15/F12	31.3	20.3	11	35.1						
	R12	Residential	Bedroom	W16/F12	29.6	19.1	10.5	35.5						
	R13	Residential	Bedroom	W17/F12	36.4	26.9	9.5	26.1						
	R14	Residential	Living Room	W18/F12	34.2	25.5	8.7	25.4	58	17	37	4	36.2	76.5

				W19/F12	30.2	30.1	0.1	0.3						
	R15	Residential	Bedroom	W20/F12	29.8	29	0.8	2.7						
	R16	Residential	Bedroom	W21/F12	26.6	25.5	1.1	4.1						
	R17	Residential	Bedroom	W22/F12	25.7	24.8	0.9	3.5						
	R18	Residential	LKD	W23/F12	25.1	24.2	0.9	3.6	40	7	39	6	2.5	14.3
				W24/F12	23.7	23	0.7	3						
	R19	Residential	Bedroom	W25/F12	22.9	22.2	0.7	3.1						
	R20	Residential	LKD	W26/F12	21.1	20.4	0.7	3.3	31	5	29	4	6.5	20
				W27/F12	20.8	20.2	0.6	2.9						
	R21	Residential	Bedroom	W28/F12	20	19.6	0.4	2						
	R22	Residential	LKD	W29/F12	18.4	17.9	0.5	2.7	26	4	24	4	7.7	0
				W30/F12	18.1	17.6	0.5	2.8						
	R23	Residential	Bedroom	W31/F12	17.3	17	0.3	1.7						
	R24	Residential	LKD	W32/F12	14	14	0	0	23	9	23	9	0	0
				W33/F12	13.6	13.6	0	0						
	R25	Residential	Bedroom	W34/F12	13.4	13.4	0	0						
	R26	Residential	LKD	W35/F12	23.5	22.8	0.7	3	75	26	74	26	1.3	0
				W36/F12	32.1	32.1	0	0						
F13	R1	Residential	Bedroom	W1/F13	33.6	33	0.6	1.8						
	R2	Residential	Bedroom	W2/F13	28.5	28.2	0.3	1.1						
	R3	Residential	Living Room	W3/F13	25.1	24.9	0.2	0.8	50	23	50	23	0	0
				W4/F13	13.4	13.4	0	0						
	R4	Residential	Bedroom	W5/F13	25.5	14.6	10.9	42.7						
	R5	Residential	Living Room	W6/F13	25.6	14.1	11.5	44.9	55	10	24	6	56.4	40
				W7/F13	24.4	12	12.4	50.8						
	R6	Residential	Bedroom	W8/F13	23	10.8	12.2	53						
	R7	Residential	Bedroom	W9/F13	30.4	16.8	13.6	44.7						
	R8	Residential	Living Room	W10/F13	30.4	16.8	13.6	44.7	57	11	20	0	64.9	100
				W11/F13	29.1	15.9	13.2	45.4						
	R9	Residential	Bedroom	W12/F13	27.6	14.9	12.7	46						
	R10	Residential	Bedroom	W13/F13	34.7	22.2	12.5	36						
	R11	Residential	Living Room	W14/F13	34.4	22.1	12.3	35.8	62	16	32	1	48.4	93.8
				W15/F13	32.5	20.9	11.6	35.7						
	R12	Residential	Bedroom	W16/F13	30.7	19.7	11	35.8						
	R13	Residential	Bedroom	W17/F13	37.1	27.6	9.5	25.6						
	R14	Residential	Living Room	W18/F13	34.8	26.1	8.7	25	61	20	39	4	36.1	80
				W19/F13	30.2	30.1	0.1	0.3						
	R15	Residential	Bedroom	W20/F13	32.8	31	1.8	5.5						
	R16	Residential	Bedroom	W21/F13	31.2	28.7	2.5	8						
	R17	Residential	Bedroom	W22/F13	30.3	28.2	2.1	6.9						
	R18	Residential	LKD	W23/F13	30.1	28	2.1	7	52	13	49	10	5.8	23.1
				W24/F13	29.2	27.1	2.1	7.2						
	R19	Residential	Bedroom	W25/F13	28.6	26.6	2	7						
	R20	Residential	LKD	W26/F13	27	24.9	2.1	7.8	43	9	38	6	11.6	33.3
				W27/F13	27	24.9	2.1	7.8						
	R21	Residential	Bedroom	W28/F13	26.5	24.5	2	7.5						
	R22	Residential	LKD	W29/F13	25	22.9	2.1	8.4	41	8	38	7	7.3	12.5
				W30/F13	24.8	22.9	1.9	7.7						
	R23	Residential	Bedroom	W31/F13	24.2	22.4	1.8	7.4						
	R24	Residential	LKD	W32/F13	20.6	19.5	1.1	5.3	34	10	32	10	5.9	0

				W33/F13	20.1	19.3	0.8	4						
	R25	Residential	Bedroom	W34/F13	19.7	19	0.7	3.6						
	R26	Residential	LKD	W35/F13	27.6	25.2	2.4	8.7	82	26	77	26	6.1	0
				W36/F13	32.2	32.2	0	0						
F14	R1	Residential	Bedroom	W1/F14	33.9	33.2	0.7	2.1						
	R2	Residential	Bedroom	W2/F14	28.7	28.3	0.4	1.4						
	R3	Residential	Living Room	W3/F14	25.4	25	0.4	1.6	51	24	50	23	2	4.2
				W4/F14	16.7	16.7	0	0						
	R4	Residential	Bedroom	W5/F14	30.9	14.8	16.1	52.1						
	R5	Residential	Living Room	W6/F14	30.6	14.4	16.2	52.9	61	15	24	6	60.7	60
				W7/F14	29	12.4	16.6	57.2						
	R6	Residential	Bedroom	W8/F14	27.2	11.2	16	58.8						
	R7	Residential	Bedroom	W9/F14	33.8	17.5	16.3	48.2						
	R8	Residential	Living Room	W10/F14	33.5	17.5	16	47.8	63	17	21	0	66.7	100
				W11/F14	31.7	16.5	15.2	47.9						
	R9	Residential	Bedroom	W12/F14	29.9	15.5	14.4	48.2						
	R10	Residential	Bedroom	W13/F14	36.5	22.9	13.6	37.3						
	R11	Residential	Living Room	W14/F14	35.9	22.9	13	36.2	68	22	35	1	48.5	95.5
				W15/F14	33.8	21.7	12.1	35.8						
	R12	Residential	Bedroom	W16/F14	31.8	20.4	11.4	35.8						
	R13	Residential	Bedroom	W17/F14	37.9	28.3	9.6	25.3						
	R14	Residential	Living Room	W18/F14	35.3	26.7	8.6	24.4	63	22	43	4	31.7	81.8
				W19/F14	30.2	30.1	0.1	0.3						
	R15	Residential	Bedroom	W20/F14	35.9	32.7	3.2	8.9						
	R16	Residential	Bedroom	W21/F14	36	31.6	4.4	12.2						
	R17	Residential	Bedroom	W22/F14	35.2	31.4	3.8	10.8						
	R18	Residential	LKD	W23/F14	35.5	31.6	3.9	11	60	19	53	12	11.7	36.8
				W24/F14	35.3	31.1	4.2	11.9						
	R19	Residential	Bedroom	W25/F14	35.1	30.8	4.3	12.3						
	R20	Residential	LKD	W26/F14	33.7	29.2	4.5	13.4	57	17	51	11	10.5	35.3
				W27/F14	34.2	29.7	4.5	13.2						
	R21	Residential	Bedroom	W28/F14	34.1	29.4	4.7	13.8						
	R22	Residential	LKD	W29/F14	32.8	27.8	5	15.2	57	17	49	10	14	41.2
				W30/F14	33.3	28.2	5.1	15.3						
	R23	Residential	Bedroom	W31/F14	33.1	28	5.1	15.4						
	R24	Residential	LKD	W32/F14	30.1	25.3	4.8	15.9	52	14	46	13	11.5	7.1
				W33/F14	29.9	25.5	4.4	14.7						
	R25	Residential	Bedroom	W34/F14	29.6	25.4	4.2	14.2						
	R26	Residential	LKD	W35/F14	32.7	27.1	5.6	17.1	95	28	86	26	9.5	7.1
				W36/F14	32.3	32.3	0	0						