



HARTFIELD PLACE PRS DEVELOPMENT, SWORDS ROAD, WHITEHALL
HOUSING QUALITY ASSESSMENT
PLANNING APPLICATION

MARCH 2022



HARTFIELD
PLACE

Housing Quality Assessment - Overview

Hartfield Place, Swords Road, Dublin 9	Date: Mar. 2022 - CWO	C+W O'BRIEN ARCHITECTS
HOUSING QUALITY ASSESSMENT - APARTMENT BLOCKS A, B, C, D, E, F, G		

Block	Unit No. Total	Area Required (m2)	Area Achieved (m2)	Additional area provided (m ²)	Additional area provided (%)	Dual Aspect	No. of Bedrooms	No. of Bedspaces	Bed 1 Area Required (m ²)	Bed 1 Area Achieved (m ²)	Bed 2 Area Required (m ²)	Bed 2 Area Achieved (m ²)	Bed 3 Area Required (m2)	Bed 3 Area Achieved (m2)	Aggregate Bed Area Required (m2)	Aggregate Bed Area Achieved (m2)	Living Area Required (m2)	Living Area Achieved (m2)	Aggregate Storage Area Required (m2)	Aggregate Storage Area Achieved (m2)	Garden/Terrace/Balcony Area Required (m2)	Garden/Terrace/Balcony Area Achieved (m2)	Additional POS Area Provided (m2)	Additional POS Area Provided (%)	Secure Cycle Space (req.)	Additional Apartment & POS Area Provided (m2)	Additional Apartment & POS Area Provided (%)	
A	56	3,551	4,042	491	13.8%	50.00%	92	189	581	491	640	442	472	80	80	1,103	1,192	1,589	1,663	291	297	357	532	175	48.9%	56	666	17.0%
B	78	4,734	5,156	422	8.9%	52.56%	111	237	718	787	624	659	0	0	1,342	1,446	2,235	2,347	378	383	471	576	105	22.2%	78	527	10.1%	
C	54	3,343	3,912	569	17.0%	68.52%	87	174	616	679	416	468	11	11	1,043	1,158	1,470	1,618	261	268	336	559	223	66.5%	54	792	21.5%	
D	76	4,557	5,199	642	14.1%	52.63%	117	234	866	971	520	564	11	11	1,398	1,546	2,032	2,161	351	365	462	729	267	57.8%	76	909	18.1%	
E	58	3,786	4,337	551	14.6%	60.34%	100	200	661	777	546	596	0	0	1,207	1,373	1,628	1,718	300	309	374	625	251	67.1%	58	802	19.3%	
F	76	4,044	4,613	569	14.1%	53.95%	94	194	798	899	299	335	0	0	1,110	1,248	1,958	2,085	300	318	422	624	202	47.9%	76	771	17.3%	
G	74	3,898	4,440	542	13.9%	51.35%	90	186	775	871	286	317	0	0	1,061	1,187	1,898	2,017	288	305	408	602	194	47.6%	74	736	17.1%	
Total	472	27,913	31,699	3,786	13.6%	55.08%	691	1,414	5,016	5,624	3,133	3,411	103	103	8,265	9,151	12,810	13,608	2,169	2,245	2,830	4,247	1,417	50.1%	472	5,203	16.9%	

Accommodation Mix		
Apartments Only		
Type	Number	%
Studio	32	6.8%
1 bed	198	41.9%
2 bed	233	49.4%
3 bed	9	1.9%
Total	472	100.0%

Amenity Space			
Private Amenity Space			
	Required (m2)	Provided (m2)	Additional (m2)
Total	2,830	4,247	1,417

Communal Indoor Space	
	Provided (m ²)
Residents Gym (Block A)	205.00
GF (Block A)	250.00
L06 (Block A)	56.00
Total Amenity Space	511.00

Dual Aspect %			
	Required %	Provided No.	Provided %
Block A	33%	28	50.0%
Block B		41	52.6%
Block C		37	68.5%
Block D		40	52.6%
Block E		35	60.3%
Block F		41	53.9%
Block G		38	51.4%
Total		260	55.6%

Quantity & Area of units with Internal Space 10% +					
Blocks	Total Qty Units	Qty. Units: 10% +	Area Required	Area Achieved	% Units: 10% +
Block A	56	40	2,703	3,148	71%
Block B	78	23	1,679	1,914	29%
Block C	54	43	2,540	3,040	80%
Block D	76	53	2,878	3,375	70%
Block E	58	58	3,786	4,337	100%
Block F	76	58	3,114	3,633	76%
Block G	74	56	2,968	3,460	76%
Total	472	331	19,668	22,906	70%

Gross Internal Areas	
Type	SQM
Block A	5887.94
Block B	6425.90
Block C	4778.71
Block D	6438.29
Block E	5350.56
Block F	5712.40
Block G	5493.60
G.I.A. of Development	40087.40
Figures incl. above	
Circulation and Auxiliary	7233.40
Café (Block A)	99.00
Figures excl. above	
Basement Area	10626.0
Plant (Basement)	369.90

Communal Outdoor Space			
	Required (m ²)	Provided (m ²)	Additional (m ²)
L06 (Block A)		77	
L5 (Block F)		103	
L04 (Block G)		161	
Open Space	2,830	2,939	109
Total	2,830	3280	450

Public Open Space			
	Required (m ²)	Provided (m ²)	Additional (m ²)
POS	5,468	6,165	697
Total	5,468	6,165	697

Car Parking and Cycle Spaces	
Type	Provided
Residents Parking (Basement)	249
Residents Parking (Surface)	37
Accessible Parking	22
Car Share / Car Club	5
Visitor Parking	19
Creche Staff	5
Total for Residents	313
Car Parking Total	337
Motorcycle Parking	14
Cargo Bike Spaces	14
Secure Cycle Spaces	732
Visitor Cycle Spaces	236
Cycle Spaces Total	982

Plot Ratio (m ²) - (Development site)	
Site Area	27,340
Total GFA	40,087
Ratio	1.47

Site Coverage (m ²) - (Development site)	
Site Area	27,340
Built Area (above ground)	7,995
%	29.2%

Site Density - (Development site)	
Site Area (ha)	2.734
Total Units (Apartments Only)	472
Units per hectare	172.64

Net Internal Areas	
Type	SQM
Block A	4042.18
Block B	5156.47
Block C	3911.89
Block D	5198.70
Block E	4336.94
Block F	4612.78
Block G	4440.28
N.I.A. of Development	31699.24

Creche Play Space			
	Required (m ²)	Provided (m ²)	Additional (m ²)
Total		118.00	

Public Open Space Ratio - (Development site)	
Site Area (m ²)	27,340
Public Open Space (m²)	6,165
Public Open Space Ratio (%)	22.55%



Housing Quality Assessment - Blocks & Apartment types

Hartfield Place, Swords Road, Dublin 9	Date: Mar. 2022 - CWO	C+W O'BRIEN ARCHITECTS
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HOUSING QUALITY ASSESSMENT - RESIDENTIAL APARTMENT BLOCKS ALL - Unit Type

Block	Unit Type	Description	No. of Units	Floor Area (m ²)	Total Floor Area (m ²)
A	A1	2 bed apartment	4	89.0	356.0
	B1	2 bed apartment	11	86.1	947.3
	S1	1 bed apartment	5	47.0	235.0
	S2	Studio apartment	5	37.0	185.0
	D1	2 bed apartment	6	82.0	492.0
	D2	2 bed apartment	5	79.3	396.5
	E2	3 bed apartment	7	104.9	734.3
	K1	2 bed apartment	1	78.1	78.1
	Q1	1 bed apartment	12	51.5	618.0
	Commercial	Level L00 Unit	1	99.0	99.0
	Communal Amenity	Basement	1	205.0	205.0
	Communal Amenity	Level L00	4	250.0	250.0
	Communal Amenity	Level L06	1	56.0	56.0
			56		4042.2
		Commercial			99.0
		Communal Amenity			511.0
		Creche			445.8
	Creche Outdoor playarea			118.4	
Total A		Total		5097.9	
B	C 1	2 bed apartment	10	86.1	861.2
	C2	2 bed apartment	3	81.7	245.1
	S1	1 bed apartment	15	47.0	705.0
	S2	Studio apartment	15	37.0	555.0
	D2	2 bed apartment	25	79.3	1982.5
	O1	2 bed apartment	10	80.8	807.7
Total B		78		5156.5	
C	A1	2 bed apartment	5	89.0	445.0
	B1	2 bed apartment	5	86.1	430.6
	C1	2 bed apartment	10	86.1	861.2
	D2	2 bed apartment	11	79.3	872.3
	E1	3 bed apartment	1	104.9	104.9
	P1	1 bed apartment	1	52.3	52.3
	P2	1 bed apartment	5	60.9	304.3
	Q1	1 bed apartment	8	51.5	412.0
	Q2	1 bed apartment	4	52.8	211.2
	Q4	1 bed apartment	4	54.5	218.2
	Total C		54		3911.9
D	C1	2 bed apartment	14	86.1	1205.7
	C2	2 bed apartment	2	81.7	163.4
	D2	2 bed apartment	23	79.3	1823.9
	E1	3 bed apartment	1	104.9	104.9
	P1	1 bed apartment	8	52.3	418.2
	Q1	1 bed apartment	14	51.5	721.0
	Q2	1 bed apartment	7	52.8	369.6
	Q3	1 bed apartment	7	56.0	392.0
Total D		76		5198.7	
E	C1	2 bed apartment	14	86.1	1205.7
	C2	2 bed apartment	2	81.7	163.4
	D1	2 bed apartment	23	82.0	1886.0
	D3	2 bed apartment	3	83.9	251.6
	P1	1 bed apartment	8	52.3	418.2
	Q1	1 bed apartment	8	51.5	412.0
Total E		58		4336.9	
F	C1	2 bed apartment	12	86.1	1033.4
	D1	2 bed apartment	6	82.0	492.0
	D2	2 bed apartment	6	79.3	475.8
	P1	1 bed apartment	18	52.3	941.0
	Q1	1 bed apartment	11	51.5	566.5
	Q2	1 bed apartment	5	52.8	264.0
	Q3	1 bed apartment	6	56.0	336.0
	S1	1 bed apartment	6	47.0	282.0
	S2	Studio apartment	6	37.0	222.0
	Total F		76		4612.8
G	C1	2 bed apartment	10	86.1	861.2
	D1	2 bed apartment	6	82.0	492.0
	D2	2 bed apartment	6	79.3	475.8
	P1	1 bed apartment	16	52.3	836.5
	S1	1 bed apartment	6	47.0	282.0
	S2	1 bed studio	6	37.0	222.0
	Q1	1 bed apartment	12	51.5	618.0
	Q2	1 bed apartment	6	52.8	316.8
	Q3	1 bed apartment	6	56.0	336.0
Total G		74		4440.3	
TOTALS ALL		Residential			31699.2
		Commercial Unit			99.0
		Communal Amenity			511.0
		Crèche			445.8
		ALL			32755.0

ALL APARTMENTS BY TYPE	Unit Type	Description	No. of Units	Floor Area (m ²)	POS (m ²)	Total Area (m2)
	2B4P-Type A1	2 bed apartment	9	89.00		801.0
2B4P-Type B1	2 bed apartment	16	86.12		1,377.9	
2B4P-Type C1	2 bed apartment	70	86.12		6,028.4	
2B4P-Type C2	2 bed apartment	7	81.69		571.8	
2B4P-Type S1	1 bed apartment	32	47.00		1,504.0	
2B4P-Type S2	Studio apartment	32	37.00		1,184.0	
2B4P-Type D1	2 bed apartment	41	82.00		3,362.0	
2B4P-Type D2	2 bed apartment	76	79.30		6,026.8	
2B4P-Type D3	2 bed apartment	3	83.88		251.6	
3B6P-Type E1	3 bed apartment	2	104.90		209.8	
3B6P-Type E2	3 bed apartment	7	104.90		734.3	
2B4P-Type K1	2 bed apartment	1	78.06		78.1	
2B4P-Type O1	2 bed apartment	10	80.77		807.7	
1B2P-Type P1	1 bed apartment	51	52.28		2,666.3	
1B2P-Type P2	1 bed apartment	5	60.85		304.3	
1B2P-Type Q1	1 bed apartment	65	51.50		3,347.5	
1B2P-Type Q2	1 bed apartment	22	52.80		1,161.6	
1B2P-Type Q3	1 bed apartment	19	56.00		1,064.0	
1B2P-Type Q4	1 bed apartment	4	54.54		218.2	
Total		472	67.16		31,699.2	

TYPE	Studio apartment <th>32</th> <th>37.00</th> <th>1,184.0</th>	32	37.00	1,184.0
	1 bed apartment	198	51.85	10,265.8
	2 bed apartment	233	82.86	19,305.4
	3 bed apartment	9	104.90	944.1
Total/Average	472	67.16	31,699.2	

ALL APARTMENTS BY BLOCK / %	Swords Road			DCC Extant Approved Incl. Block F			ALL APARTMENTS BY BLOCK / %	Swords Road Proposed		
	Blocks	Floors	Approved	Blocks	Floors	Proposed		Blocks	Floors	Proposed
A	(5-7)		43	A	(5-8)		56			
B	5		55	B	(5-6)		78			
C	(4-5)		40	C	(4-6)		54			
D	7		56	D	(7-8)		76			
E	(4-7)		50	E	(4-8)		58			
F	6		76	F	(5-6)		76			
G	(4-6)		54	G	(4-6)		74			
Total			374	Total			472			
%Mix:		Units	%	%Mix:		Units	%			
Studio		0	0.0%	Studio		32	6.8%			
1 bed		60	16.0%	1 bed		198	41.9%			
2 bed		254	67.9%	2 bed		233	49.4%			
3 bed		60	16.0%	3 bed		9	1.9%			
Total		374	100%	Total		472	100%			

Dual Aspect Ratio	Dual Aspect		Total	Percentage Dual	Percentage Single
	Dual Aspect	Single Aspect			
Block A	28	28	56	50.0%	50.0%
Block B	41	37	78	52.6%	47.4%
Block C	37	17	54	68.5%	31.5%
Block D	40	36	76	52.6%	47.4%
Block E	35	23	58	60.3%	39.7%
Block F	41	35	76	53.9%	46.1%
Block G	38	36	74	51.4%	48.6%
Total	260	212	472	55.6%	44.4%

GF 208



Housing Quality Assessment - Block E

LEVEL		Unit No.	Unit Type	Unit description	Type	Area Required (m ²)	Area Achieved (m ²)	Additional area provided (m ²)	Additional area provided (%)	Aspect	Orientation	Ceiling Height	No. of Bedrooms	No. of Bedspaces	Bed 1 Area Required (m ²)	Bed 1 Area Achieved (m ²)	Bed 2 Area Required (m ²)	Bed 2 Area Achieved (m ²)	Bed 3 Area Required (m ²)	Bed 3 Area Achieved (m ²)	Aggregate Bed Area Required (m ²)	Aggregate Bed Area Achieved (m ²)	Living Area Required (m ²)	Living Area Achieved (m ²)	Living area Width Required	Living area Width Achieved	Aggregate Storage Area Required (m ²)	Aggregate Storage Area Achieved	Garden/Terrace/Balcony Area Required (m ²)	Garden/Terrace/Balcony Area Achieved (m ²)	Additional POS Area Provided (m ²)	Additional POS Area Provided (%)	Garden/Terrace/Balcony Depth Required	Garden/Terrace/Balcony Depth Achieved	Secure Cycle Space (req.)	Additional Apartment & POS Area Provided (m ²)	Additional Apartment & POS Area Provided (%)		
GROUND FLOOR	E1-1-L0	E-2B4P-Type D1	2 Bed Apartment (Corner Unit)	D1	73	82.0	9.00	12%	Dual	West & East	2.715	2	4	11.4	13.90	13.0	13.20					24.4	27.10	30	30.80	3.6	Y	6	6.00	7	7.10	0.10	1%	1.5m	Y	1	9.1	11%	
	E1-2-L0	E-2B4P-Type C1	2 Bed Apartment (Mid Unit)	C1	73	86.1	13.12	18%	Single	West	2.715	2	4	11.4	12.90	13.0	15.90					24.4	28.80	30	32.50	3.6	Y	6	6.10	7	10.80	3.80	54%	1.5m	Y	1	16.9	21%	
	E1-3-L0	E-2B4P-Type D1	2 Bed Apartment (Mid Unit)	D1	73	82.0	9.00	12%	Dual	West & East	2.715	2	4	11.4	13.90	13.0	13.20					24.4	27.10	30	30.80	3.6	Y	6	6.00	7	7.00	0.00	0%	1.5m	Y	1	9.0	11%	
	E2-1-L0	E-2B4P-Type D1	2 Bed Apartment (Mid Unit)	D1	73	82.0	9.00	12%	Dual	West & East	2.715	2	4	11.4	13.90	13.0	13.20					24.4	27.10	30	30.80	3.6	Y	6	6.00	7	7.00	0.00	0%	1.5m	Y	1	9.0	11%	
	E2-2-L0	E-2B4P-Type C1	2 Bed Apartment (Mid Unit)	C1	73	86.1	13.12	18%	Single	West	2.715	2	4	11.4	12.90	13.0	15.90					24.4	28.80	30	32.50	3.6	Y	6	6.10	7	11.60	4.60	66%	1.5m	Y	1	17.7	22%	
	E2-3-L0	E-1B2P-Type Q1	1 Bed Apartment (Mid Unit)	Q1	45	51.5	6.50	14%	Single	West	2.715	1	2	11.4	12.50							11.4	12.50	23	24.60	3.3	Y	3	3.40	5	10.40	5.40	108%	1.5m	Y	1	11.9	24%	
FIRST FLOOR	E2-4-L0	E-1B2P-Type Q1	1 Bed Apartment (Corner Unit)	Q1	45	51.5	6.50	14%	Dual	West & South	2.715	1	2	11.4	12.50							11.4	12.50	23	24.60	3.3	Y	3	3.40	5	10.90	5.90	118%	1.5m	Y	1	12.4	25%	
	E2-5-L0	E-1B2P-Type P1	1 Bed Apartment (Corner Unit)	P1	45	52.3	7.28	16%	Single	East	2.715	1	2	11.4	13.20							11.4	13.20	23	25.03	3.3	Y	3	3.56	5	8.30	3.30	66%	1.5m	Y	1	10.6	21%	
	E2-6-L0	E-1B2P-Type P1	1 Bed Apartment (Mid Unit)	P1	45	52.3	7.28	16%	Single	East	2.715	1	2	11.4	13.20							11.4	13.20	23	25.03	3.3	Y	3	3.56	5	10.40	5.40	108%	1.5m	Y	1	12.7	25%	
	E1-4-L1	E-2B4P-Type D1	2 Bed Apartment (Corner Unit)	D1	73	82.0	9.00	12%	Dual	West & East	2.415	2	4	11.4	13.90	13.0	13.20					24.4	27.10	30	30.80	3.6	Y	6	6.00	7	7.10	0.10	1%	1.5m	Y	1	9.1	11%	
	E1-5-L1	E-2B4P-Type C1	2 Bed Apartment (Mid Unit)	C1	73	86.1	13.12	18%	Single	West	2.415	2	4	11.4	12.90	13.0	15.90					24.4	28.80	30	32.50	3.6	Y	6	6.10	7	10.80	3.80	54%	1.5m	Y	1	16.9	21%	
	E1-6-L1	E-2B4P-Type D1	2 Bed Apartment (Mid Unit)	D1	73	82.0	9.00	12%	Dual	West & East	2.415	2	4	11.4	13.90	13.0	13.20					24.4	27.10	30	30.80	3.6	Y	6	6.00	7	7.00	0.00	0%	1.5m	Y	1	9.0	11%	
	E2-7-L1	E-2B4P-Type D1	2 Bed Apartment (Mid Unit)	D1	73	82.0	9.00	12%	Dual	West & East	2.415	2	4	11.4	13.90	13.0	13.20					24.4	27.10	30	30.80	3.6	Y	6	6.00	7	7.00	0.00	0%	1.5m	Y	1	9.0	11%	
	E2-8-L1	E-2B4P-Type C1	2 Bed Apartment (Mid Unit)	C1	73	86.1	13.12	18%	Single	West	2.415	2	4	11.4	12.90	13.0	15.90					24.4	28.80	30	32.50	3.6	Y	6	6.10	7	11.60	4.60	66%	1.5m	Y	1	17.7	22%	
	E2-9-L1	E-1B2P-Type Q1	1 Bed Apartment (Mid Unit)	Q1	45	51.5	6.50	14%	Single	West	2.415	1	2	11.4	12.50							11.4	12.50	23	24.60	3.3	Y	3	3.40	5	10.40	5.40	108%	1.5m	Y	1	11.9	24%	
	E2-10-L1	E-1B2P-Type Q1	1 Bed Apartment (Corner Unit)	Q1	45	51.5	6.50	14%	Dual	West & South	2.415	1	2	11.4	12.50							11.4	12.50	23	24.60	3.3	Y	3	3.40	5	10.90	5.90	118%	1.5m	Y	1	12.4	25%	
	E2-11-L1	E-1B2P-Type P1	1 Bed Apartment (Corner Unit)	P1	45	52.3	7.28	16%	Dual	East & South	2.415	1	2	11.4	13.20							11.4	13.20	23	25.03	3.3	Y	3	3.56	5	8.30	3.30	66%	1.5m	Y	1	10.6	21%	
	E2-12-L1	E-1B2P-Type P1	1 Bed Apartment (Mid Unit)	P1	45	52.3	7.28	16%	Single	East	2.415	1	2	11.4	13.20							11.4	13.20	23	25.03	3.3	Y	3	3.56	5	10.40	5.40	108%	1.5m	Y	1	12.7	25%	
	SECOND FLOOR	E1-7-L2	E-2B4P-Type D1	2 Bed Apartment (Corner Unit)	D1	73	82.0	9.00	12%	Dual	West & East	2.415	2	4	11.4	13.90	13.0	13.20					24.4	27.10	30	30.80	3.6	Y	6	6.00	7	7.10	0.10	1%	1.5m	Y	1	9.1	11%
		E1-8-L2	E-2B4P-Type C1	2 Bed Apartment (Mid Unit)	C1	73	86.1	13.12	18%	Single	West	2.415	2	4	11.4	12.90	13.0	15.90					24.4	28.80	30	32.50	3.6	Y	6	6.10	7	10.80	3.80	54%	1.5m	Y	1	16.9	21%
		E1-9-L2	E-2B4P-Type D1	2 Bed Apartment (Mid Unit)	D1	73	82.0	9.00	12%	Dual	West & East	2.415	2	4	11.4	13.90	13.0	13.20					24.4	27.10	30	30.80	3.6	Y	6	6.00	7	7.00	0.00	0%	1.5m	Y	1	9.0	11%
		E2-13-L2	E-2B4P-Type D1	2 Bed Apartment (Mid Unit)	D1	73	82.0	9.00	12%	Dual	West & East	2.415	2	4	11.4	13.90	13.0	13.20					24.4	27.10	30	30.80	3.6	Y	6	6.00	7	7.00	0.00	0%	1.5m	Y	1	9.0	11%
		E2-14-L2	E-2B4P-Type C1	2 Bed Apartment (Mid Unit)	C1	73	86.1	13.12	18%	Single	West	2.415	2	4	11.4	12.90	13.0	15.90					24.4	28.80	30	32.50	3.6	Y	6	6.10	7	11.60	4.60	66%	1.5m	Y	1	17.7	22%
		E2-15-L2	E-1B2P-Type Q1	1 Bed Apartment (Mid Unit)	Q1	45	51.5	6.50	14%	Single	West	2.415	1	2	11.4	12.50							11.4	12.50	23	24.60	3.3	Y	3	3.40	5	10.40	5.40	108%	1.5m	Y	1	11.9	24%
E2-16-L2		E-1B2P-Type Q1	1 Bed Apartment (Corner Unit)	Q1	45	51.5	6.50	14%	Dual	West & South	2.415	1	2	11.4	12.50							11.4	12.50	23	24.60	3.3	Y	3	3.40	5	10.90	5.90	118%	1.5m	Y	1	12.4	25%	
E2-17-L2		E-1B2P-Type P1	1 Bed Apartment (Corner Unit)	P1	45	52.3	7.28	16%	Dual	East & South	2.415	1	2	11.4	13.20							11.4	13.20	23	25.03	3.3	Y	3	3.56	5	8.30	3.30	66%	1.5m	Y	1	10.6	21%	
E2-18-L2		E-1B2P-Type P1	1 Bed Apartment (Mid Unit)	P1	45	52.3	7.28	16%	Single	East	2.415	1	2	11.4	13.20							11.4	13.20	23	25.03	3.3	Y	3	3.56	5	10.40	5.40	108%	1.5m	Y	1	12.7	25%	
THIRD FLOOR		E1-10-L3	E-2B4P-Type D1	2 Bed Apartment (Corner Unit)	D1	73	82.0	9.00	12%	Dual	West & East	2.415	2	4	11.4	13.90	13.0	13.20					24.4	27.10	30	30.80	3.6	Y	6	6.00	7	7.10	0.10	1%	1.5m	Y	1	9.1	11%
		E1-11-L3	E-2B4P-Type C1	2 Bed Apartment (Mid Unit)	C1	73	86.1	13.12	18%	Single	West	2.415	2	4	11.4	12.90	13.0	15.90					24.4	28.80	30	32.50	3.6	Y	6	6.10	7	10.80	3.80	54%	1.5m	Y	1	16.9	21%
		E1-12-L3	E-2B4P-Type D1	2 Bed Apartment (Mid Unit)	D1	73	82.0	9.00	12%	Dual	West & East	2.415	2	4	11.4	13.90	13.0	13.20					24.4	27.10	30	30.80	3.6	Y	6	6.00	7	7.00	0.00	0%	1.5m	Y	1	9.0	11%
	E2-19-L3	E-2B4P-Type D1	2 Bed Apartment (Mid Unit)	D1	73	82.0	9.00	12%	Dual	West & East	2.415	2	4	11.4	13.90	13.0	13.20					24.4	27.10	30	30.80	3.6	Y	6	6.00	7	7.00	0.00	0%	1.5m	Y	1	9.0	11%	
	E2-20-L3	E-2B4P-Type C1	2 Bed Apartment (Mid Unit)	C1	73	86.1	13.12	18%	Single	West	2.415	2	4	11.4	12.90	13.0	15.90					24.4	28.80	30	32.50	3.6	Y	6	6.10	7	11.60	4.60	66%	1.5m	Y	1	17.7	22%	
	E2-21-L3	E-1B2P-Type Q1	1 Bed Apartment (Mid Unit)	Q1	45	51.5	6.50	14%	Single	West	2.415	1	2	11.4	12.50							11.4	12.50	23	24.60	3.3	Y	3	3.40	5	10.40	5.40	108%	1.5m	Y	1	11.9	24%	
	E2-22-L3	E-1B2P-Type Q1	1 Bed Apartment (Corner Unit)	Q1	45	51.5	6.50	14%	Dual	West & South	2.415	1	2	11.4	12.50							11.4	12.50	23	24.60	3.3	Y	3	3.40	5	10.90	5.90	118%	1.5m	Y	1	12.4	25%	
	E2-23-L3	E-1B2P-Type P1	1 Bed Apartment (Corner Unit)	P1	45	52.3	7.28	16%	Dual	East & South	2.415	1	2	11.4	13.20							11.4																	

Housing Quality Assessment - Block G

LEVEL		Unit No.	Unit Type	Unit description	Type	Area Required (m2)	Area Achieved (m2)	Additional area provided (m2)	Additional area provided (%)	Aspect	Orientation	Ceiling Height	No. of Bedrooms	No. of Bedspaces	Bed 1 Area Required (m2)	Bed 1 Area Achieved (m2)	Bed 2 Area Required (m2)	Bed 2 Area Achieved (m2)	Bed 3 Area Required (m2)	Bed 3 Area Achieved (m2)	Aggregate Bed Area Required (m2)	Aggregate Bed Area Achieved (m2)	Living Area Required (m2)	Living Area Achieved (m2)	Living area Width Required	Living area Width Achieved	Aggregate Storage Area Required (m2)	Aggregate Storage Area Achieved	Garden/Terrace/Balcony Area Required (m2)	Garden/Terrace/Balcony Area Achieved	Additional POS Area Provided (m2)	Additional POS Area Provided (%)	Garden/Terrace/Balcony Depth Required	Garden/Terrace/Balcony Depth Achieved	Secure Cycle Space (req.)	Additional Apartment & POS Area Provided (m2)	Additional Apartment & POS Area Provided (%)	
GROUND FLOOR	G1-1-L0	G-1B2P-Type P1	1 Bed Apartment (Mid Unit)	P1	45	52.3	7.28	16%	Dual	East & South	2.715	1	2	11.4	13.20							11.4	13.20	23	25.03	3.3	Y	3	3.56	5	7.20	2.20	44%	1.5m	Y	1	9.5	19%
	G1-2-L0	G-2B4P-Type D2	2 Bed Apartment (Mid Unit)	D2	73	79.3	6.30	9%	Dual	West & East	2.715	2	4	11.4	12.90	13.0	13.10					24.4	26.00	30	30.80	3.6	Y	6	6.00	7	7.00	0.00	0%	1.5m	Y	1	6.3	8%
	G1-3-L0	G-2B4P-Type C1	2 Bed Apartment (Mid Unit)	C1	73	86.1	13.12	18%	Single	West	2.715	2	4	11.4	12.90	13.0	15.90					24.4	28.80	30	32.50	3.6	Y	6	6.10	7	10.20	3.20	46%	1.5m	Y	1	16.3	20%
	G1-4-L0	G-1B2P-Type Q1	1 Bed Apartment (Mid Unit)	Q1	45	51.5	6.50	14%	Single	West	2.715	1	2	11.4	12.50							11.4	12.50	23	24.60	3.3	Y	3	3.40	5	9.90	4.90	98%	1.5m	Y	1	11.4	23%
	G1-5-L0	G-1B2P-Type Q2	1 Bed Apartment (Mid Unit)	Q2	45	51.5	6.50	14%	Single	West	2.715	1	2	11.4	12.50							11.4	12.50	23	24.60	3.3	Y	3	3.40	5	10.20	5.20	104%	1.5m	Y	1	11.7	23%
	G1-6-L0	G-2B4P-Type Q2	1 Bed Apartment (Corner Unit)	Q2	45	52.8	7.80	17%	Dual	West & North	2.715	1	2	11.4	11.40							11.4	11.40	23	23.00	3.3	Y	3	3.40	5	6.70	1.70	34%	1.5m	Y	1	9.5	19%
	G1-7-L0	G-2B4P-Type Q3	1 Bed Apartment (Corner Unit)	Q3	45	56.0	11.00	24%	Dual	East & North	2.715	1	2	11.4	13.80							11.4	13.80	23	27.50	3.3	Y	3	3.00	5	6.40	1.40	28%	1.5m	Y	1	12.4	25%
	G2-1-L0	G-1B2P-Type P1	1 Bed Apartment (Mid Unit)	P1	45	52.3	7.28	16%	Single	East	2.715	1	2	11.4	13.20							11.4	13.20	23	25.03	3.3	Y	3	3.56	5	7.80	2.80	56%	1.5m	Y	1	10.1	20%
	G2-2-L0	G-1B2P-Type P1	1 Bed Apartment (Corner Unit)	P1	45	52.3	7.28	16%	Dual	South & East	2.715	1	2	11.4	13.20							11.4	13.20	23	25.03	3.3	Y	3	3.56	5	8.90	3.90	78%	1.5m	Y	1	11.2	22%
	G2-3-L0	G-2B4P-Type C1	2 Bed Apartment (Corner Unit)	C1	73	86.1	13.12	18%	Dual	South & West	2.715	2	4	11.4	12.90	13.0	15.90					24.4	28.80	30	32.50	3.6	Y	6	6.10	7	10.60	3.60	51%	1.5m	Y	1	16.7	21%
	G2-4-L0	G-1B2P-Type S1	1 Bed Apartment (Mid Unit)	S1	45	47.0	2.00	4%	Single	West	2.715	1	2	11.4	11.40							11.4	11.40	23	23.40	3.3	Y	3	3.00	5	5.70	0.70	14%	1.5m	Y	1	2.7	5%
	G2-5-L0	G-1B1P-Type S2	1 Bed Studio (Mid Unit)	S2	37	37.0	0.0	0.0%	Single	West	2.715	0	1											30	30.60	4.0	Y	3	3.00	4	4.50	0.50	13%	1.5m	Y	1	0.5	1%
G2-6-L0	G-2B4P-Type D1	2 Bed Apartment (Mid Unit)	D1	73	82.0	9.00	12%	Dual	West & East	2.715	2	4	11.4	13.90	13.0	13.20					24.4	27.10	30	30.80	3.6	Y	6	6.00	7	7.00	0.00	0%	1.5m	Y	1	9.0	11%	
G1-8-L1	G-1B2P-Type P1	1 Bed Apartment (Mid Unit)	P1	45	52.3	7.28	16%	Dual	East & South	2.415	1	2	11.4	13.20							11.4	13.20	23	25.03	3.3	Y	3	3.56	5	9.90	4.90	98%	1.5m	Y	1	12.2	24%	
G1-9-L1	G-2B4P-Type D2	2 Bed Apartment (Mid Unit)	D2	73	79.3	6.30	9%	Dual	West & East	2.415	2	4	11.4	12.90	13.0	13.10					24.4	26.00	30	30.80	3.6	Y	6	6.00	7	7.00	0.00	0%	1.5m	Y	1	6.3	8%	
G1-10-L1	G-2B4P-Type C1	2 Bed Apartment (Mid Unit)	C1	73	86.1	13.12	18%	Single	West	2.415	2	4	11.4	12.90	13.0	15.90					24.4	28.80	30	32.50	3.6	Y	6	6.10	7	10.20	3.20	46%	1.5m	Y	1	16.3	20%	
G1-11-L1	G-1B2P-Type Q1	1 Bed Apartment (Mid Unit)	Q1	45	51.5	6.50	14%	Single	West	2.415	1	2	11.4	12.50							11.4	12.50	23	24.60	3.3	Y	3	3.40	5	9.90	4.90	98%	1.5m	Y	1	11.4	23%	
G1-12-L1	G-1B2P-Type Q1	1 Bed Apartment (Mid Unit)	Q1	45	51.5	6.50	14%	Single	West	2.415	1	2	11.4	12.50							11.4	12.50	23	24.60	3.3	Y	3	3.40	5	10.20	5.20	104%	1.5m	Y	1	11.7	23%	
G1-13-L1	G-2B4P-Type Q2	1 Bed Apartment (Corner Unit)	Q2	45	52.8	7.80	17%	Dual	West & North	2.415	1	2	11.4	11.40							11.4	11.40	23	23.00	3.3	Y	3	3.40	5	6.70	1.70	34%	1.5m	Y	1	9.5	19%	
G1-14-L1	G-2B4P-Type Q3	1 Bed Apartment (Corner Unit)	Q3	45	56.0	11.00	24%	Dual	East & North	2.415	1	2	11.4	13.80							11.4	13.80	23	27.50	3.3	Y	3	3.00	5	6.40	1.40	28%	1.5m	Y	1	12.4	25%	
G2-7-L1	G-1B2P-Type P1	1 Bed Apartment (Mid Unit)	P1	45	52.3	7.28	16%	Single	East	2.415	1	2	11.4	13.20							11.4	13.20	23	25.03	3.3	Y	3	3.56	5	10.80	5.80	116%	1.5m	Y	1	13.1	26%	
G2-8-L1	G-1B2P-Type P1	1 Bed Apartment (Corner Unit)	P1	45	52.3	7.28	16%	Dual	South & East	2.415	1	2	11.4	13.20							11.4	13.20	23	25.03	3.3	Y	3	3.56	5	8.90	3.90	78%	1.5m	Y	1	11.2	22%	
G2-9-L1	G-2B4P-Type C1	2 Bed Apartment (Mid Unit)	C1	73	86.1	13.12	18%	Dual	South & West	2.415	2	4	11.4	12.90	13.0	15.90					24.4	28.80	30	32.50	3.6	Y	6	6.10	7	10.60	3.60	51%	1.5m	Y	1	16.7	21%	
G2-10-L1	G-1B2P-Type S1	1 Bed Apartment (Mid Unit)	S1	45	47.0	2.00	4%	Single	West	2.415	1	2	11.4	11.40							11.4	11.40	23	23.40	3.3	Y	3	3.00	5	5.70	0.70	14%	1.5m	Y	1	2.7	5%	
G2-11-L1	G-1B1P-Type S2	1 Bed Studio (Mid Unit)	S2	37	37.0	0.0	0.0%	Single	West	2.415	0	1											30	30.60	4.0	Y	3	3.00	4	4.50	0.50	13%	1.5m	Y	1	0.5	1%	
G2-12-L1	G-2B4P-Type D1	2 Bed Apartment (Mid Unit)	D1	73	82.0	9.00	12%	Dual	West & East	2.415	2	4	11.4	13.90	13.0	13.20					24.4	27.10	30	30.80	3.6	Y	6	6.00	7	7.00	0.00	0%	1.5m	Y	1	9.0	11%	
G1-15-L2	G-1B2P-Type P1	1 Bed Apartment (Mid Unit)	P1	45	52.3	7.28	16%	Dual	East & South	2.415	1	2	11.4	13.20							11.4	13.20	23	25.03	3.3	Y	3	3.56	5	9.90	4.90	98%	1.5m	Y	1	12.2	24%	
G1-16-L2	G-2B4P-Type D2	2 Bed Apartment (Mid Unit)	D2	73	79.3	6.30	9%	Dual	West & East	2.415	2	4	11.4	12.90	13.0	13.10					24.4	26.00	30	30.80	3.6	Y	6	6.00	7	7.00	0.00	0%	1.5m	Y	1	6.3	8%	
G1-17-L2	G-2B4P-Type C1	2 Bed Apartment (Mid Unit)	C1	73	86.1	13.12	18%	Single	West	2.415	2	4	11.4	12.90	13.0	15.90					24.4	28.80	30	32.50	3.6	Y	6	6.10	7	10.20	3.20	46%	1.5m	Y	1	16.3	20%	
G1-18-L2	G-1B2P-Type Q1	1 Bed Apartment (Mid Unit)	Q1	45	51.5	6.50	14%	Single	West	2.415	1	2	11.4	12.50							11.4	12.50	23	24.60	3.3	Y	3	3.40	5	9.90	4.90	98%	1.5m	Y	1	11.4	23%	
G1-19-L2	G-1B2P-Type Q2	1 Bed Apartment (Mid Unit)	Q2	45	51.5	6.50	14%	Single	West	2.415	1	2	11.4	12.50							11.4	12.50	23	24.60	3.3	Y	3	3.40	5	10.20	5.20	104%	1.5m	Y	1	11.7	23%	
G1-20-L2	G-2B4P-Type Q1	1 Bed Apartment (Corner Unit)	Q1	45	52.8	7.80	17%	Dual	West & North	2.415	1	2	11.4	11.40							11.4	11.40	23	23.00	3.3	Y	3	3.40	5	6.70	1.70	34%	1.5m	Y	1	9.5	19%	
G2-21-L2	G-2B4P-Type Q3	1 Bed Apartment (Corner Unit)	Q3	45	56.0	11.00	24%	Dual	East & North	2.415	1	2	11.4	13.80							11.4	13.80	23	27.50	3.3	Y	3	3.00	5	6.40	1.40	28%	1.5m	Y	1	12.4	25%	
G2-13-L2	G-1B2P-Type P1	1 Bed Apartment (Mid Unit)	P1	45	52.3	7.28	16%	Single	East	2.415	1	2	11.4	13.20							11.4	13.20	23	25.03	3.3	Y	3	3.56	5	10.80	5.80	116%	1.5m	Y	1	13.1	26%	
G2-14-L2	G-1B2P-Type P1	1 Bed Apartment (Corner Unit)	P1	45	52.3	7.28	16%	Dual	South & East	2.415	1	2	11.4	13.20							11.4	13.20	23	25.03	3.3	Y	3	3.56	5	8.90	3.90	78%	1.5m	Y	1	11.2	22%	
G2-15-L2	G-2B4P-Type C1	2 Bed Apartment (Mid Unit)	C1	73	86.1	13.12	18%	Dual	South & West	2.415	2	4	11.4	12.90	13.0	15.90																						

Housing Quality Assessment - Block C - Part V

Hartfield Place, Swords Road, Dublin 9	Date: Mar. 2022 - CWO	
HOUSING QUALITY ASSESSMENT - APARTMENT BLOCK C - PART V		

HOUSING QUALITY ASSESSMENT - APARTMENT BLOCK C - PART V






LEVEL	Unit No.	Unit Type	Unit description	Type	Area Required (m2)	Area Achieved (m2)	No. of Bedspaces	Part V (Yes/No)	
GROUND FLOOR	C1-1-L0	C-2B4P-Type A1	2 Bed Apartment (Corner Unit)	A1	73	89.0	4	Y	
	C1-2-L0	C-2B4P-Type B1	2 Bed Apartment (Corner Unit)	B1	73	86.1	4	Y	
	C1-3-L0	C-2B4P-Type C1	2 Bed Apartment (Mid Unit)	C1	73	86.1	4	Y	
	C1-4-L0	C-2B4P-Type D2	2 Bed Apartment (Mid Unit)	D2	73	79.3	4	Y	
	C2-1-L0	C-2B4P-Type D2	2 Bed Apartment (Mid Unit)	D2	73	79.3	4	Y	
	C2-2-L0	C-2B4P-Type C1	2 Bed Apartment (Mid Unit)	C1	73	86.1	4	Y	
	C2-3-L0	C-1B2P-Type Q1	1 Bed Apartment (Mid Unit)	Q1	45	51.5	2	Y	
	C2-4-L0	C-1B2P-Type Q1	1 Bed Apartment (Mid Unit)	Q1	45	51.5	2	Y	
	C2-5-L0	C-1B2P-Type Q2	1 Bed Apartment (Corner Unit)	Q2	45	52.8	2	Y	
	C2-6-L0	C-1B2P-Type Q4	1 Bed Apartment (Corner Unit)	Q4	45	54.0	2	Y	
	C2-7-L0	C-1B2P-Type P2	1 Bed Apartment (Mid Unit)	P2	45	60.0	2	Y	
	FIRST FLOOR	C1-5-L1	C-2B4P-Type A1	2 Bed Apartment (Corner Unit)	A1	73	89.0	4	Y
		C1-6-L1	C-2B4P-Type B1	2 Bed Apartment (Corner Unit)	B1	73	86.1	4	Y
		C1-7-L1	C-2B4P-Type C1	2 Bed Apartment (Mid Unit)	C1	73	86.1	4	Y
C1-8-L1		C-2B4P-Type D2	2 Bed Apartment (Mid Unit)	D2	73	79.3	4	Y	
C2-8-L1		C-2B4P-Type D2	2 Bed Apartment (Mid Unit)	D2	73	79.3	4	Y	
C2-9-L1		C-2B4P-Type C1	2 Bed Apartment (Mid Unit)	C1	73	86.1	4	Y	
C2-10-L1		C-1B2P-Type Q1	1 Bed Apartment (Mid Unit)	Q1	45	51.5	2	Y	
C2-11-L1		C-1B2P-Type Q1	1 Bed Apartment (Mid Unit)	Q1	45	51.5	2	Y	
C2-12-L1		C-1B2P-Type Q2	1 Bed Apartment (Corner Unit)	Q2	45	52.8	2	Y	
C2-13-L1		C-1B2P-Type Q4	1 Bed Apartment (Corner Unit)	Q4	45	54.0	2	Y	
C2-14-L0		C-1B2P-Type P2	1 Bed Apartment (Mid Unit)	P2	45	60.0	2	Y	
SECOND FLOOR		C1-9-L2	C-2B4P-Type A1	2 Bed Apartment (Corner Unit)	A1	73	89.0	4	Y
		C1-10-L2	C-2B4P-Type B1	2 Bed Apartment (Corner Unit)	B1	73	86.1	4	Y
		C1-11-L2	C-2B4P-Type C1	2 Bed Apartment (Mid Unit)	C1	73	86.1	4	Y
	C1-12-L2	C-2B4P-Type D2	2 Bed Apartment (Mid Unit)	D2	73	79.3	4	Y	
	C2-15-L2	C-2B4P-Type D2	2 Bed Apartment (Mid Unit)	D2	73	79.3	4	Y	
	C2-16-L2	C-2B4P-Type C1	2 Bed Apartment (Mid Unit)	C1	73	86.1	4	Y	
	C2-17-L2	C-1B2P-Type Q1	1 Bed Apartment (Mid Unit)	Q1	45	51.5	2	Y	
	C2-18-L2	C-1B2P-Type Q1	1 Bed Apartment (Mid Unit)	Q1	45	51.5	2	Y	
	C2-19-L2	C-1B2P-Type Q2	1 Bed Apartment (Corner Unit)	Q2	45	52.8	2	Y	
	C2-20-L2	C-1B2P-Type Q4	1 Bed Apartment (Corner Unit)	Q4	45	54.0	2	Y	
	C2-21-L2	C-1B2P-Type P2	1 Bed Apartment (Mid Unit)	P2	45	60.0	2	Y	
	THIRD FLOOR	C1-13-L3	C-2B4P-Type A1	2 Bed Apartment (Corner Unit)	A1	73	89.0	4	Y
		C1-14-L3	C-2B4P-Type B1	2 Bed Apartment (Corner Unit)	B1	73	86.1	4	Y
		C1-15-L3	C-2B4P-Type C1	2 Bed Apartment (Mid Unit)	C1	73	86.1	4	Y
C1-16-L3		C-2B4P-Type D2	2 Bed Apartment (Mid Unit)	D2	73	79.3	4	Y	
C2-22-L3		C-2B4P-Type D2	2 Bed Apartment (Mid Unit)	D2	73	79.3	4	Y	
C2-23-L3		C-2B4P-Type C1	2 Bed Apartment (Mid Unit)	C1	73	86.1	4	Y	
C2-24-L3		C-1B2P-Type Q1	1 Bed Apartment (Mid Unit)	Q1	45	51.5	2	Y	
C2-25-L3		C-1B2P-Type Q1	1 Bed Apartment (Mid Unit)	Q1	45	51.5	2	Y	
C2-26-L3		C-1B2P-Type Q2	1 Bed Apartment (Corner Unit)	Q2	45	52.8	2	Y	
C2-27-L3		C-1B2P-Type Q4	1 Bed Apartment (Corner Unit)	Q4	45	54.0	2	Y	
C2-28-L3		C-1B2P-Type P2	1 Bed Apartment (Mid Unit)	P2	45	60.0	2	Y	
FOURTH FLOOR		C1-17-L4	C-2B4P-Type A1	2 Bed Apartment (Corner Unit)	A1	73	89.0	4	N
		C1-18-L4	C-2B4P-Type B1	2 Bed Apartment (Corner Unit)	B1	73	86.1	4	N
		C1-19-L4	C-2B4P-Type C1	2 Bed Apartment (Mid Unit)	C1	73	86.1	4	N
	C1-20-L4	C-2B4P-Type D2	2 Bed Apartment (Mid Unit)	D2	73	79.3	4	Y	
	C2-29-L4	C-2B4P-Type D2	2 Bed Apartment (Mid Unit)	D2	73	79.3	4	Y	
	C2-30-L4	C-2B4P-Type C1	2 Bed Apartment (Corner Unit)	C1	73	86.1	4	Y	
	C2-31-L4	C-1B2P-Type P2	1 Bed Apartment (Corner Unit)	P2	45	60.0	2	N	
FIFTH FLOOR	C1-21-L5	C-1B2P-Type P1	1 Bed Apartment (CornerUnit)	P1	45	52.3	2	N	
	C1-22-L5	C-3B6P-Type E1	3 Bed Apartment (CornerUnit)	E1	90	104.9	6	N	
	C1-23-L5	C-2B4P-Type D2	2 Bed Apartment (CornerUnit)	D2	73	79.3	4	N	
TOTAL	54				3343	3905.5	174	47	

LEVEL	Unit No.	Part V (Yes/No)	
GROUND FLOOR	C1-1-L0	Y	
	C1-2-L0	Y	
	C1-3-L0	Y	
	C1-4-L0	Y	
	C2-1-L0	Y	
	C2-2-L0	Y	
	C2-3-L0	Y	
	C2-4-L0	Y	
	C2-5-L0	Y	
	C2-6-L0	Y	
	C2-7-L0	Y	
	FIRST FLOOR	C1-5-L1	Y
		C1-6-L1	Y
		C1-7-L1	Y
C1-8-L1		Y	
C2-8-L1		Y	
C2-9-L1		Y	
C2-10-L1		Y	
C2-11-L1		Y	
C2-12-L1		Y	
C2-13-L1		Y	
C2-14-L0		Y	
SECOND FLOOR		C1-9-L2	Y
		C1-10-L2	Y
		C1-11-L2	Y
	C1-12-L2	Y	
	C2-15-L2	Y	
	C2-16-L2	Y	
	C2-17-L2	Y	
	C2-18-L2	Y	
	C2-19-L2	Y	
	C2-20-L2	Y	
	C2-21-L2	Y	
	THIRD FLOOR	C1-13-L3	Y
		C1-14-L3	Y
		C1-15-L3	Y
C1-16-L3		Y	
C2-22-L3		Y	
C2-23-L3		Y	
C2-24-L3		Y	
C2-25-L3		Y	
C2-26-L3		Y	
C2-27-L3		Y	
C2-28-L3		Y	
FOURTH FLOOR		C1-17-L4	N
		C1-18-L4	N
		C1-19-L4	N
	C1-20-L4	Y	
	C2-29-L4	Y	
	C2-30-L4	Y	
	C2-31-L4	N	
FIFTH FLOOR	C1-21-L5	N	
	C1-22-L5	N	
	C1-23-L5	N	
TOTAL	54	47	



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