

Sustainable Urban Housing:
Design Standards for New Apartments

Required Minimum Floor Areas and Standards

Minimum overall apartment floor areas

Studio	37 sq m (n/a)*
One bedroom	45 sq m (38 sq m)*
Two bedrooms (3 person)**	63 sq m (n/a)*
Two bedrooms (4 person)	73 sq m (55 sq m)*
Three bedrooms	90 sq m (70 sq m)*

* Figures in brackets refer to 1995 guidelines

**Permissible in limited circumstances

Minimum aggregate floor areas for living/dining/kitchen rooms, and minimum widths for the main living/dining rooms

Apartment type ***	Width of living/dining room	Aggregate floor area of living / dining / kitchen area*
Studio	4m**	30 sq m**
One bedroom	3.3 m	23 sq m
Two bedrooms (3 person)	3.6m	28 sq m
Two bedrooms (4 person)	3.6 m	30 sq m
Three bedrooms	3.8 m	34 sq m

* Note: An enclosed (separate) kitchen should have a minimum floor area of 6.5 sq. metres

**Note: Combined living/dining/bedspace, also includes circulation

*** Note: Variation of up to 5% can be applied to room areas and widths subject to overall compliance with required minimum overall apartment floor areas.

Minimum bedroom floor areas/widths***

Type	Minimum width	Minimum floor area
Studio	4m**	30 sq m**
Single bedroom	2.1 m	7.1 sq m
Double bedroom	2.8 m	11.4 sq m
Twin bedroom	2.8 m	13 sq m

* Note: Minimum floor areas *exclude* built-in storage presses that are contributing to storage space requirements

**Note: Combined living/dining/bedspace

Minimum aggregate bedroom floor areas

One bedroom	11.4 sq m
Two bedrooms (3 person)	13 + 7.1 sq m = 20.1 sq m
Two bedrooms (4 person)	11.4 + 13 sq m = 24.4 sq m
Three bedrooms	11.4 + 13 + 7.1 sq m = 31.5 sq m

Minimum storage space requirements

Studio	3 sq m
One bedroom	3 sq m
Two bedrooms (3 person)	5 sq m
Two bedrooms (4 person)	6 sq m
Three or more bedrooms	9 sq m

Minimum floor areas for private amenity space

Studio	4 sq m
One bedroom	5 sq m
Two bedrooms (3 person)	6 sq m
Two bedrooms (4 person)	7 sq m
Three bedrooms	9 sq m

Minimum floor areas for communal amenity space

Studio	4 sq m
One bedrooms	5 sq m
Two bedrooms (3 person)	6 sq m
Two bedrooms (4 person)	7 sq m
Three bedrooms	9 sq m

Types	Description	Agg. Living Area (m ²)	Bed 1 (m ²)	Bed 2 (m ²)	Bed 3 (m ²)	Agg. Bedroom Area (m ²)	Private Amenity Area (m ²)	Storage Area (m ²)	Unit Area (m ²)	Quantity	Level
Block A1 & A2 (2 No. Blocks)											
Apartment 01	2 Bed / 4P	31.3	13.0	11.6		24.6	20.0	7.2	79.9	2	Ground
Apartment 02	2 Bed / 4P	32.6	13.5	13.6		27.1	42.0	7.3	90.9	2	Ground
Apartment 03	2 Bed / 4P	36.4	15.5	12.2		27.7	19.0	7.2	92.1	2	Ground
Apartment 04	2 Bed / 4P	36.4	15.5	12.2		27.7	19.0	7.2	92.1	2	Ground
Apartment 05	2 Bed / 4P	32.6	15.5	12.2		27.7	42.0	6.9	90.9	2	Ground
Apartment 06	1 Bed / 2P	26.8	12.1			12.1	26.5	3.0	56.1	2	Ground
Apartment 07	2 Bed / 4P	33.1	13.2	11.7		24.9	10.0	8.0	96.7	2	Ground
Duplex 01	3 Bed / 5P	40.1	14.9	13.5	10.2	38.6	10.2	9.3	126.6	2	First & Second
Duplex 02	3 Bed / 5P	40.1	14.9	13.5	10.2	38.6	10.3	9.3	126.6	2	First & Second
Duplex 03	3 Bed / 5P	40.1	14.9	13.5	10.2	38.6	10.3	9.3	126.6	2	First & Second
Duplex 04	3 Bed / 5P	40.1	14.9	13.5	10.2	38.6	10.3	9.3	126.6	2	First & Second
Duplex 05	3 Bed / 5P	40.1	14.9	13.5	10.2	38.6	10.4	9.3	126.6	2	First & Second
Duplex 06	3 Bed / 5P	40.1	14.9	13.5	10.2	38.6	10.3	9.3	126.6	2	First & Second
Duplex 07	3 Bed / 5P	40.1	14.9	13.5	10.2	38.6	10.4	9.3	126.6	2	First & Second
Apartment 08	3 Bed / 5P	36.7	13.0	11.4	7.1	31.5	10.2	8.1	118.2	2	Second
Total per block:										1603.1	
Block B1-B3 & B6-B13 (11 No. Blocks)											
Duplex 01	2 Bed / 4P	31.7	14.3	11.4		25.7	13.6	5.2	86.0	11	Ground & First
Duplex 02	2 Bed / 4P	30.0	14.3	11.4		25.7	14.0	5.0	86.0	11	Ground & First
Duplex 03	3 Bed / 5P	36.8	14.6	13.1	7.3	35.0	13.8	8.8	116.0	11	Ground & First
Duplex 04	3 Bed / 5P	39.6	13.0	11.5	7.2	31.7	12.4	10.5	116.0	11	Ground & First
Apartment 01	2 Bed / 4P	39.0	14.2	11.4		25.6	7.0	6.1	94.0	11	Second
Apartment 02	1 Bed / 2P	23.0	12.0			12.0	5.0	3.0	49.9	11	Second
Total per block:										547.9	
Block B4 & B5 (2 No. Blocks)											
Duplex 02	2 Bed / 4P	30.0	14.3	11.4		25.7	14.0	5.0	86.0	2	Ground & First
Duplex 03	3 Bed / 5P	36.8	14.6	13.1	7.3	35.0	13.8	8.8	116.0	2	Ground & First
Duplex 04	3 Bed / 5P	39.6	13.0	11.5	7.2	31.7	12.4	10.5	116.0	2	Ground & First
Apartment 01	2 Bed / 4P	39.0	14.2	11.4		25.6	7.0	6.1	94.0	2	Second
Apartment 02	1 Bed / 2P	23.0	12.0			12.0	5.0	3.0	49.9	2	Second
Total per block:										461.9	
House Types											
House Type C	2 Bed / 4P	32.6	14.0	12.0		25.9	70.2 (min.)	0.9	83.9	32	Ground & First
House Type E	3 Bed / 5P	31.4	19.3	10.5	8.4	38.2	57.9 (min.)	0.0	104.5	27	Ground & First
Total Residential Units:										165	

Site Analytics				TOTAL SITE AREA: 6.6702 Ha			
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NET DENSITY (R1 & R2) 32 Unit / HA				B&E ZONED LANDS: 0.3253 Ha			
TOTAL BUILT AREA: (Habitable) 15663 m2				OS ZONED LANDS: 1.1218 Ha			
OPEN SPACE: (R1&R2) 15345 m2				OPEN SPACE PROVISION WITHIN R1 & R2 ZONED LANDS:			
DISTRIBUTOR ROADS 15335m2							
HOUSING MIX:				PUBLIC OPEN			
				SPACE: 0.7999 Ha			
Apartment				Proposed Car Parking		COMMUNAL OPEN SPACE 0.7346 Ha	
				Overall Ratio 1.54		TOTAL OPEN SPACE PROVISION 1.5345 Ha	
Duplex				Note: The above applies to apartment & duplex units only, houses each have 2 no. off-street car parking spaces			
				Cycle Parking		Total Required 91	
House				Total Provision 246.00			
				Overall Ratio 1.49			
Total 165 100.00%							