



Knocknacarra District Centre, Ragoon, Galway

## Housing Quality Assessment Report

Issued for SHD Planning Application To An Bord Pleanala - Stage 3

October 2019





# Housing Quality Assessment Report

## 1 - Executive Summary

This Housing Quality Assessment report forms part of a Strategic Housing Development (SHD) application for the proposed development at Knocknacarra, Rahoon Co. Galway

This report assesses the proposed build to sell residential apartments against the provisions of the 'Sustainable Urban Housing: Design Standards for New Apartment Guidelines for Planning Authorities'.

The purpose of this report is to demonstrate compliance with these criteria under the headings below.

## Contents

1. Executive Summary
2. Policy Overview
3. Introduction / Proposed Development
4. Compliance with Sustainable Urban Housing Design Standards for New Apartments
  - 4.1. Apartment Mix
  - 4.2. Apartment Design
  - 4.3. Apartment Floor Area
  - 4.4. Dual Aspect Ratios
  - 4.5. Floor to Ceiling Height
  - 4.6. Lift and Staircores
  - 4.7. Internal Storage
  - 4.8. Security Considerations
  - 4.9. Private Amenity Space
  - 4.10. Communal Amenity Space
  - 4.11. Communal Facilities
  - 4.12. Childcare Facilities
  - 4.13. Cycling
  - 4.14. Car Parking
  - 4.15. Refuse Storage
  - 4.16. Daylight Analysis
5. Appendix A - Housing Quality Assessment Tables
6. Appendix B - Drawings Apartment Typologies



### PREPARED BY

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#### Services Engineers:

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#### Traffic and Transportation

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4 Clonskeagh Square, Clonskeagh, Dublin 14

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## 2 - Policy Overview

### Housing Quality Assessment

This Housing Quality Assessment provides a framework which quantifies each of the criteria required by the 'Sustainable Urban Housing: Design Standards for New Apartments Guidelines for Planning Authorities 2018' against the proposed apartment elements of the development.

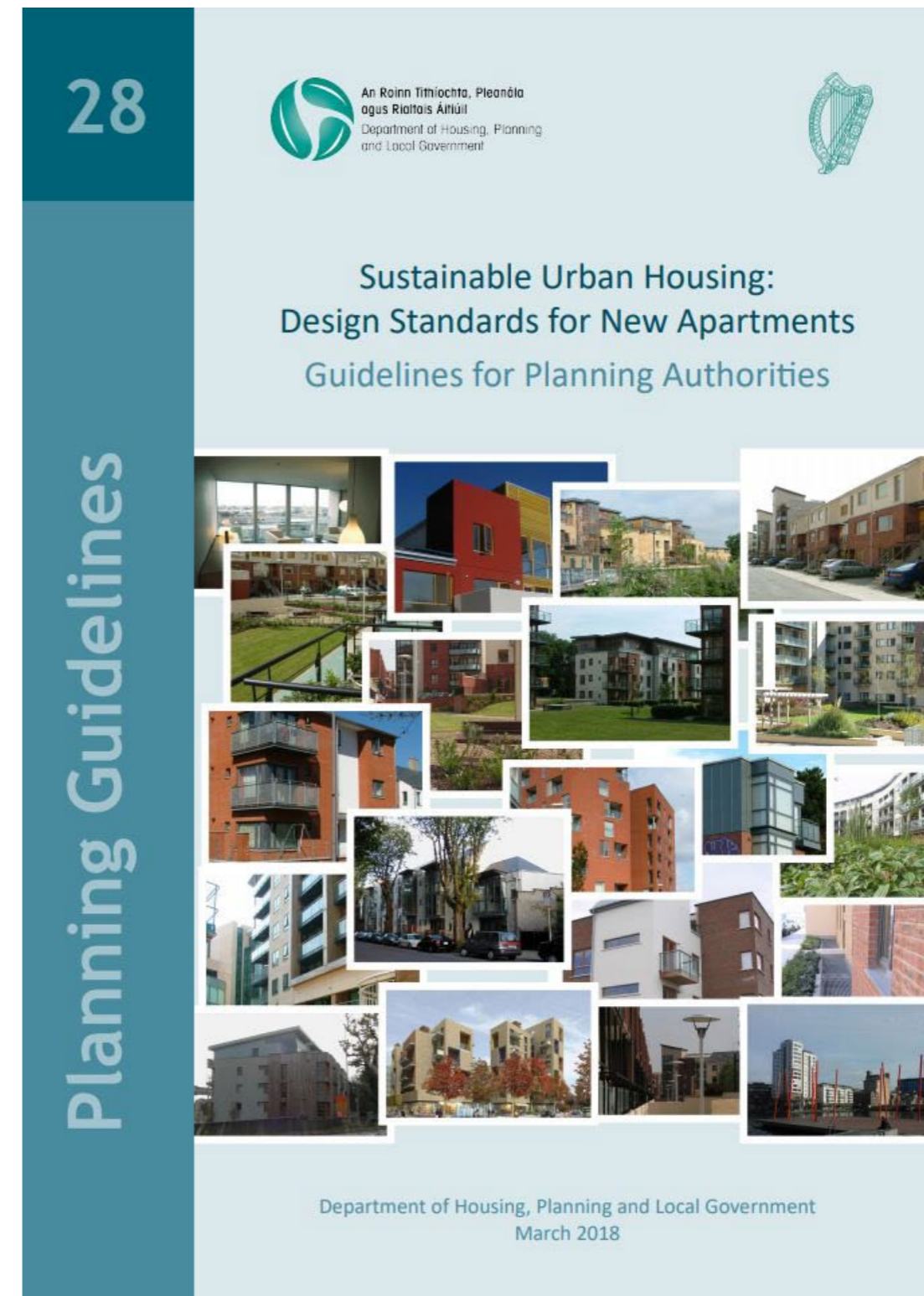
The 'Sustainable Urban Housing: Design Standards for New Apartments Guidelines for Planning Authorities' specify planning policy requirements for:

- Apartment Floor Areas
- Dual Aspect Ratios
- Floor to Ceiling Height
- Lift and Stair Cores
- Internal Storage
- Private Amenity Space
- Security Considerations
- Communal Facilities

The guidelines have been issued by the Minister for Housing, Planning and Local Government under Section 28 of the Planning and Development Act 2000 (as amended).

Qualitative aspects such as the Residential Conceptual Design approach are covered within the accompanying Architectural Design Statement.

It is noted all apartments fully comply with all the criteria in the Design Standards for New Apartments and the qualitative aspects are exceeded.



## 4 - Compliance with Sustainable Urban Housing Design Standards for New Apartments

### 4.1 - Apartment Mix

The mix of residential units within the entire scheme is outlined in the table to the right and in 'Appendix A - Housing Quality Assessment Schedule'.

The proposed mix complies with 'Specific Planning Policy Requirement 1

It is noted under the 'Sustainable Urban Housing: Design Standards for New Apartments Guidelines for Planning Authorities' Specific Planning Policy Requirement 1, for proposals considered apartment developments:

(i) Apartment developments may include up to 50% one bedroom or studio type units (with no more than 20-25% of the total proposed development as studios) and there shall be no minimum requirement for apartments with three or more bedrooms. Statutory development plans may specify a mix for apartment and other housing developments, but only further to an evidence based Housing Need and Demand Assessment (HNDA), that has been agreed on an area, county, city or metropolitan area basis and incorporated into the relevant development plan(s).

The table on the right shows the breakdown of apartment types and demonstrates compliance with SPPR 1.

- There are 66% Two Beds, 28% one beds and 6% three beds. The number of one bedroom apartments is significantly lower than the 50% allowed under SPPR1.
- The one, two and three bedroom apartments are designed to exceed minimum standards with over half the apartment more than 10% over minimum size standards.
- There are 6% three bedroom apartments. This unit typology has been tailored to meet market trends and changing demographics.
- There is a significant quantity of different apartment typologies and sizes (over 25 types) to reflect the anticipated different tenures within the development.

BLOCK STATISTICS						
	UNITS	NUMBERS	GDA - SQM	RESIDENTIAL	AMENITY	RETAIL
<b>BLOCK A</b>			9450	6700	260	
1 BED	32	33.3%				
2 BED	64	66.7%				
3 BED	0	0.0%				
<b>TOTAL</b>	<b>96</b>	<b>100%</b>				
<b>BLOCK B</b>			4207	3274	49	103
1 BED	5	12.2%				
2 BED	30	73.2%				
3 BED	6	14.6%				
<b>TOTAL</b>	<b>41</b>	<b>100%</b>				
<b>BLOCK C</b>			424			275
<b>BLOCK D</b>			9183	5917		1467
1 BED	18	22.8%				
2 BED	56	70.9%				
3 BED	5	6.3%				
<b>TOTAL</b>	<b>79</b>	<b>100%</b>				
<b>BLOCK E</b>			4944	3105		822
1 BED	16	36.4%				
2 BED	24	54.5%				
3 BED	4	9.1%				
<b>TOTAL</b>	<b>44</b>	<b>100%</b>				
<b>BLOCK F</b>			7194	5070	161	
1 BED	22	30.6%				
2 BED	45	62.5%				
3 BED	5	6.9%				
<b>TOTAL</b>	<b>72</b>	<b>100%</b>				
				24066	470	2667
<b>TOTAL</b>	<b>332</b>	<b>100%</b>	<b>35402</b>			
1 BED	93	28.0%				
2 BED	219	66.0%				
3 BED	20	6.0%				
<b>DUAL ASPECT UNITS</b>	203	61%				
<b>UNITS OVER 10%</b>	167	50%				

SITE AREA (Excludes Phase 02 Basement)	
24323 SQM / 2.43 Ha / 6.01 Acres	
<b>SITE COVERAGE</b>	
30%	
<b>PLOT RATIO</b>	
1.46	
<b>RESIDENTIAL UNITS PER HECTARE</b>	
137	
<b>OVERALL DEVELOPMENT AREA - SQM</b>	
35402	

COMMUNAL RESIDENTIAL AMENITY	SQM
DISTRICT PLAZA	2166
RESIDENTIAL COURTYARD	1350
LANDSCAPED PODIUM	1054
BLOCK B LANDSCAPING	475
<b>TOTAL</b>	<b>2879</b>
REQUIRED	2167

RESIDENTIAL PARKING	
BLOCK F	82
OFF-STREET	3
PHASE 02	181
<b>TOTAL</b>	<b>266</b>
CAR SPACE PER UNIT RATIO	0.80

RESIDENTIAL & VISITOR CYCLE PARKING	
BLOCK A - ENCLOSED	64
BLOCK B - ENCLOSED	70
BLOCK F - ENCLOSED	252
SURFACE STAND SPACES	291
<b>TOTAL</b>	<b>677</b>

# 4 - Compliance with Sustainable Urban Housing Design Standards for New Apartments

## 4.2 - Apartment Design

Apartment and multi-residential unit development design is constantly evolving, learning from best practice around the globe. New forms of homes are emerging that take into account the emerging demographic household types and tenures.

There is now an emerging need for apartments for an emerging demographic in Galway city for young professionals, office workers/ teachers/ public servants as affordable rental accommodation.

The 2016 Census indicates that 1-2 person households now comprise a majority of households and this trend is set to continue, yet Ireland has only one-quarter the EU average of apartments as a proportion of housing stock. Ongoing demographic and societal changes mean the expanding categories of household that may wish to be accommodated in apartments include young professionals and workers generally and those families with no children.

The design and layout of unit types are also developing into open plan apartment layouts. These layouts are being made possible through the utilisation of a sprinklered fire prevention strategy which is becoming more and more common in new apartment developments. The proposed layouts are being developed though consultation with Maurice Johnson & Partners Fire Consultants.

## 4.3 - Apartment Floor Area - Typologies

Under the ‘Sustainable Urban Housing: Design Standards for New Apartments Guidelines for Planning Authorities’ Specific Planning Policy Requirement 3, the following minimum apartment floor areas are required: The apartments are designed to exceed minimum floor area standards with 50% of the apartments more than 10% over the required minimum size standards.

One bedroom apartments are in excess of the minimum standard of 45sqm - generally between 47sqm and 54sqm, while the two bedroom apartments are generally between 67sqm – 90sqm. Three bedroom apartments are significantly larger from 99sqm - 109sqm

The unit types below form the majority of unit types within the overall apartment development. All individual rooms, floor areas and room widths comply or exceed the design guideline requirements. Please refer to ‘Appendix A - Housing Quality Assessment Schedule’ which gives a full breakdown of unit design areas.

Minimum overall apartment floor areas	
Studio	37 sq m
One bedroom	45 sq m
Two bedrooms (3 person)**	63 sq m
Two bedrooms (4 person)	73 sq m
Three bedrooms	90 sq m



TYPICAL APARTMENT TYPOLOGIES-REFERTODRAWING7150,7151-APARTMENT TYPES 01-BED&03-BED+2BED

# 4 - Compliance with Sustainable Urban Housing Design Standards for New Apartments

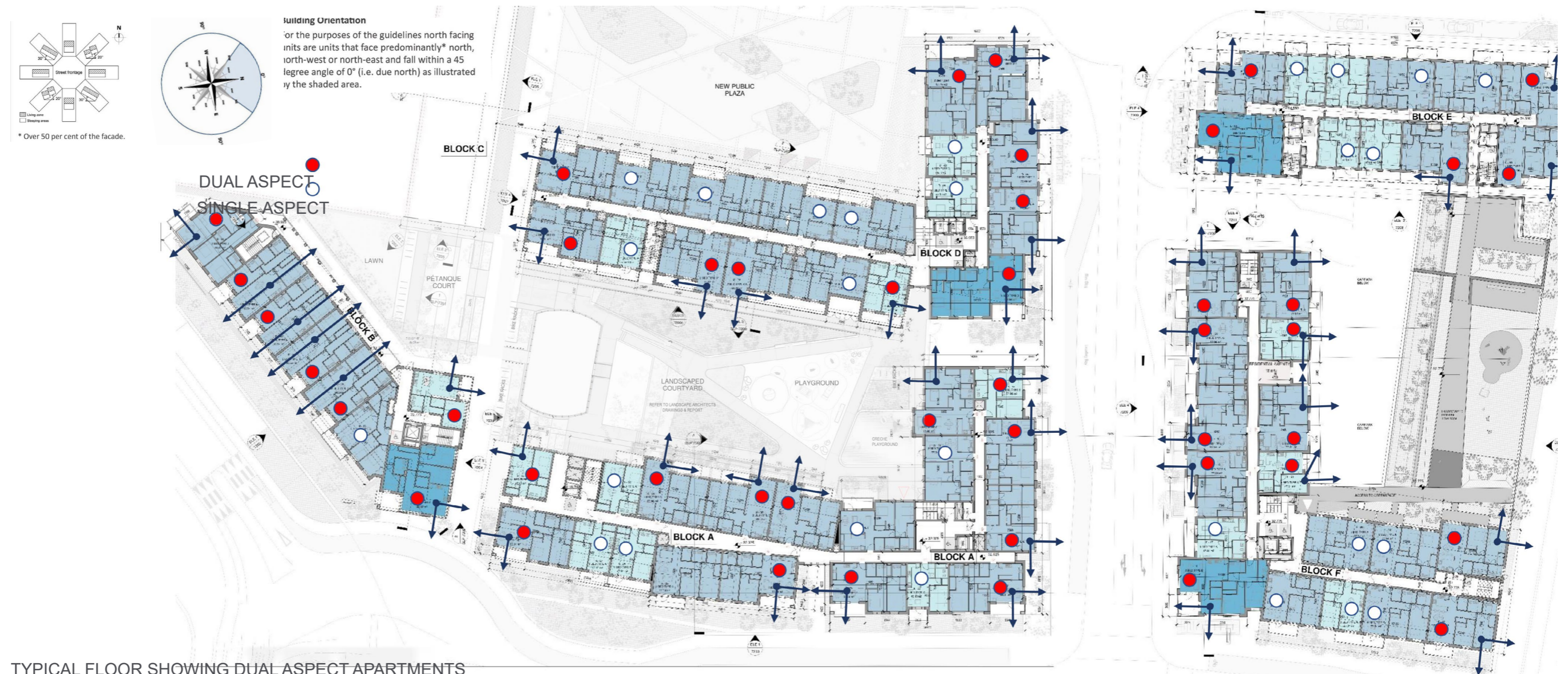
## 4.4 - Dual Aspect Ratios

We have carefully reviewed the amount of sunlight reaching the development and have optimised how the orientation will affect the amenity of the occupants. The Dual aspect ratio is in excess of 61% given the site shape and orientation.

Note that Policy requires that apartment schemes deliver at least 33% of the units as dual aspect in more central and accessible and some intermediate locations, i.e. On sites near to city or town centres, close to high quality public transport, where it is necessary to ensure good street frontage and subject to high quality design. Bigger apartments, and large areas of glazing on facades have all been provided to give adequate compensation for the dual aspect ratio.

The apartments have windows opening to dual directions i.e. living rooms and bedroom windows.

	Number of Units	Combined Floor Area of Units	Number of Units + 10%	Number of Bedrooms	Number of Bed Spaces	Number of Dual Aspect Units	Amount of Communal Space Required
<b>Block A</b>	96	6700	51	160	320	62	608
<b>Block B</b>	41	3274	41	83	154	35	283
<b>Block D</b>	79	5917	43	145	285	45	527
<b>Block E</b>	44	3105	12	76	148	20	284
<b>Block F</b>	72	5070	20	127	244	41	465
<b>Totals:</b>	332	24066 m <sup>2</sup>	167	591	1151	203	2167 m <sup>2</sup>
<b>Percentages:</b>			50%			61%	



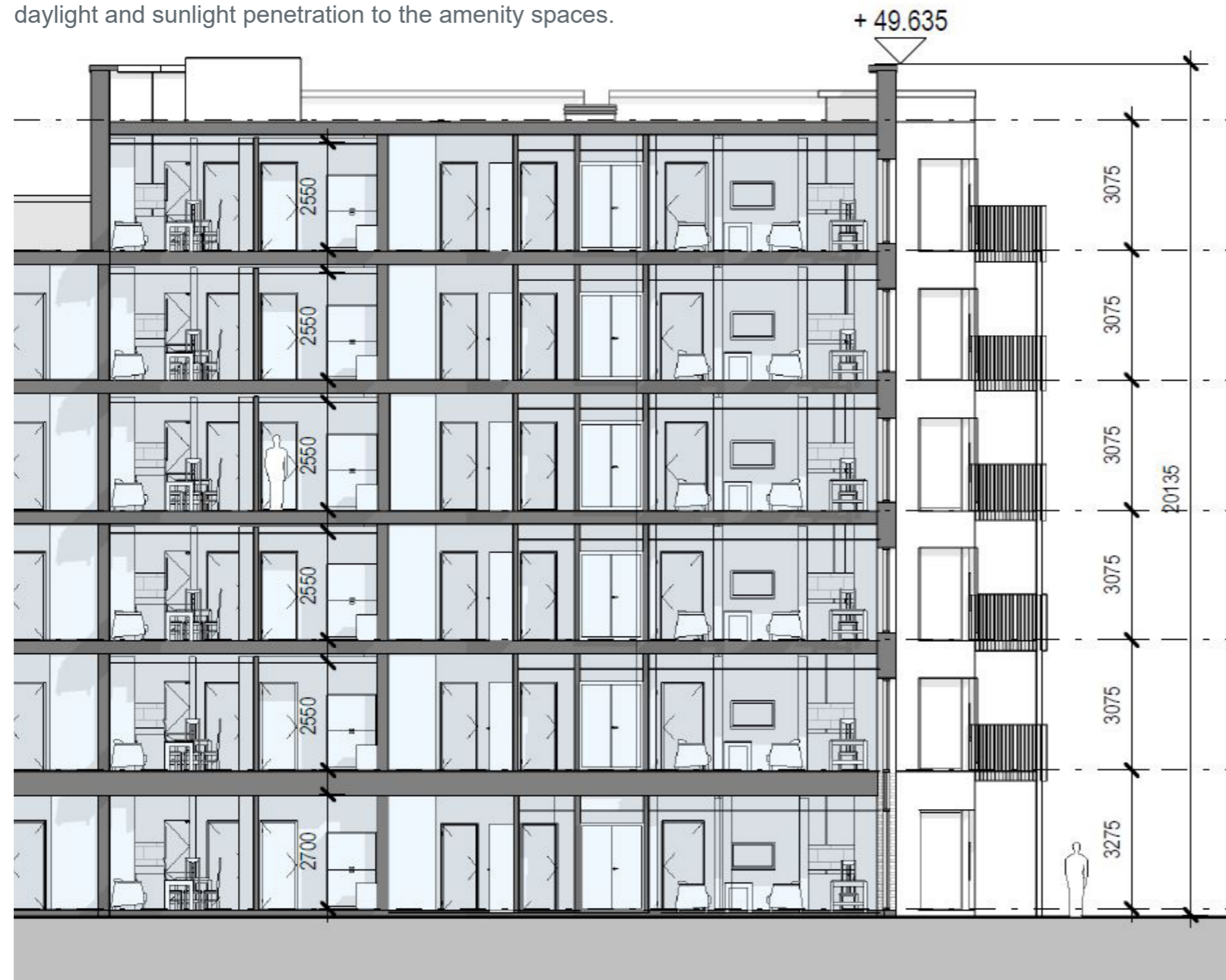
TYPICAL FLOOR SHOWING DUAL ASPECT APARTMENTS

## 4 - Compliance with Sustainable Urban Housing Design Standards for New Apartments

### 4.5 - Floor to Ceiling Height

Floor to ceiling heights generally exceed 2.55m clear internally with the ground floor level over 2.7m. Entrance cores area are afforded additional height. On the blocks where there is ground floor retail the floor to ceiling is over 4m to afford civic hierarchy to the apartment buildings.

The building heights are designed to be modulated with the orientation and site constraints of the site. The proposed development modulates between four storeys up to a maximum of 7 storeys. The buildings step down to four storeys where adjoining the school on the northern site and around the landscaped courtyards to ensure daylight and sunlight penetration to the amenity spaces.



SECTION THROUGH BLOCK A SHOWING TYPICAL FLOOR TO CEILINGS



SECTION THROUGH BLOCK E SHOWING TYPICAL FLOOR TO CEILINGS

## 4 - Compliance with Sustainable Urban Housing Design Standards for New Apartments

### 4.6 - Lift and Staircores

The development is designed to have two staircores to serve each apartment building

Block A has 96 units over 5/6 floors. The block has typically has a maximum of 19 units per core with two cores serving this block which equates to less than 10 per core

Block B has 41 units over 5-7 storeys with typically a maximum of 8 units per floor with two cores giving 4 per core.

Block C are commercial units

Block D Block B has 79 units over 5-6 storeys with typically a maximum of 18 units per floor with two cores giving 9 per core.

Block E Block B has 44 units over 5 storeys with typically a maximum of 11 units per floor with two cores giving less than 5 per core.

Block F Block B has 72 units from 4-6 storeys with typically a maximum of 17 units per floor with three cores giving less than 6 per core.

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<b>Percentages:</b>			<b>50%</b>			<b>61%</b>	



TYPICAL PLAN SHOWING NUMBER OF CORES



## 4 - Compliance with Sustainable Urban Housing Design Standards for New Apartments

### 4.7 - Internal Storage

All storage requirements are provided entirely within the apartments.

The storage provided is in addition to kitchen presses and bedroom furniture, and likewise to minimum aggregate living/ dining/kitchen or bedroom floor areas. Individual storage rooms within an apartment do not exceed 3.5 square metres as per the requirement of 'Sustainable Urban Housing: Design Standards for New Apartments'.

Please refer to Appendix A 'Housing Quality Assessment schedules which gives a full breakdown of unit storage spaces.

### 4.8 - Security Considerations

Apartment design should provide occupants and their visitors with a sense of safety and security.

For example the ground floor apartments facing the street on Block A are elevated above street level by the topography and separated from the public footpath by a strip of planting providing privacy.

We have reviewed and integrated the requirements of 'secure by design' into the development to ensure more durable and robust design. Passive supervision is key to safeguarding security on site and the designs have been enhanced to remove blind corners, ensure windows in gables have aspect in different directions and that entrances are well lit.



3D DRAWING SHOWING BLOCK A INTERFACE WITH STREET  
PRIVACY ZONE BETWEEN GROUND FLOOR UNITS AND STREET



3D DRAWING SHOWING BLOCK F INTERFACE WITH STREET  
PRIVACY ZONE BETWEEN OWN DOOR GROUND FLOOR UNITS AND STREET



# 4 - Compliance with Sustainable Urban Housing Design Standards for New Apartments

## 4.9 - Private Amenity Space

Private open space is provided by means of private balconies, courtyard space (at ground floor level) and through the internal shared resident amenity spaces in the courtyard between Block A and D and in Block F which act as amenity spaces available for all residents. The private amenity external space at ground level will incorporate appropriate boundary treatment to ensure privacy and security from the public realm. The courtyards will have excellent sunlight to these amenity spaces due to the orientation of the blocks which have been set out to minimise overshadowing and overlooking. Balconies all have a functional relationship with the main living areas of the apartment. Wind and privacy screens are provided on balconies to provide shelter and to minimise direct over looking.

Private amenity spaces are designed to comply with Appendix 1. Balconies will have a minimum depth of 1.5 metres and meet the minimum floor area requirement under the guidelines. A combination of bolt-on balconies and inset balconies are provided to give visual interest. The larger 3 bedroom apartments are provided at block ends.

We have carried out a series of studies on Wind, Daylight and Overshadowing and the design has been adapted to address the climatic aspects of the site from IES and Metec. From their conclusion it is noted there is no significant challenge with any of the environmental issues. Please refer to the reports appended to the application for more detail.

All private amenity spaces in the development comply or exceed the minimum required floor areas for private amenity spaces, as set out in 'Appendix 1 - Design Standards for New Apartments'.

- Studio: 3sqm
- One Bed Apartment: 3sqm
- Two Bed (3 person) Apartment: 5sqm
- Two Bed (4 person) Apartment: 6sqm
- Three Bed Apartment 9sqm

<b>SITE AREA (Excludes Phase 02 Basement)</b>
24323 SQM / 2.43 Ha / 6.01 Acres
<b>SITE COVERAGE</b>
30%
<b>PLOT RATIO</b>
1.46
<b>RESIDENTIAL UNITS PER HECTARE</b>
137
<b>OVERALL DEVELOPMENT AREA - SQM</b>
35402

<b>COMMUNAL RESIDENTIAL AMENITY</b>		<b>SQM</b>
DISTRICT PLAZA		2166
RESIDENTIAL COURTYARD		1350
LANDSCAPED PODIUM		1054
BLOCK B LANDSCAPING		475
<b>TOTAL</b>		<b>2879</b>
<b>REQUIRED</b>		<b>2167</b>



PRIVATE AMENITY SPACE BETWEEN BLOCKS A AND D



AMENITY COURTYARD OVER BLOCK E/F

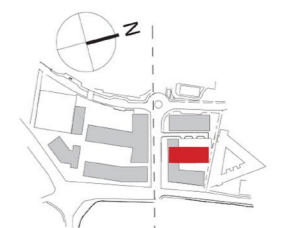


Fig. 2 - Podium Park

# 4 - Compliance with Sustainable Urban Housing Design Standards for New Apartments

## 4.10 - Communal Amenity Space

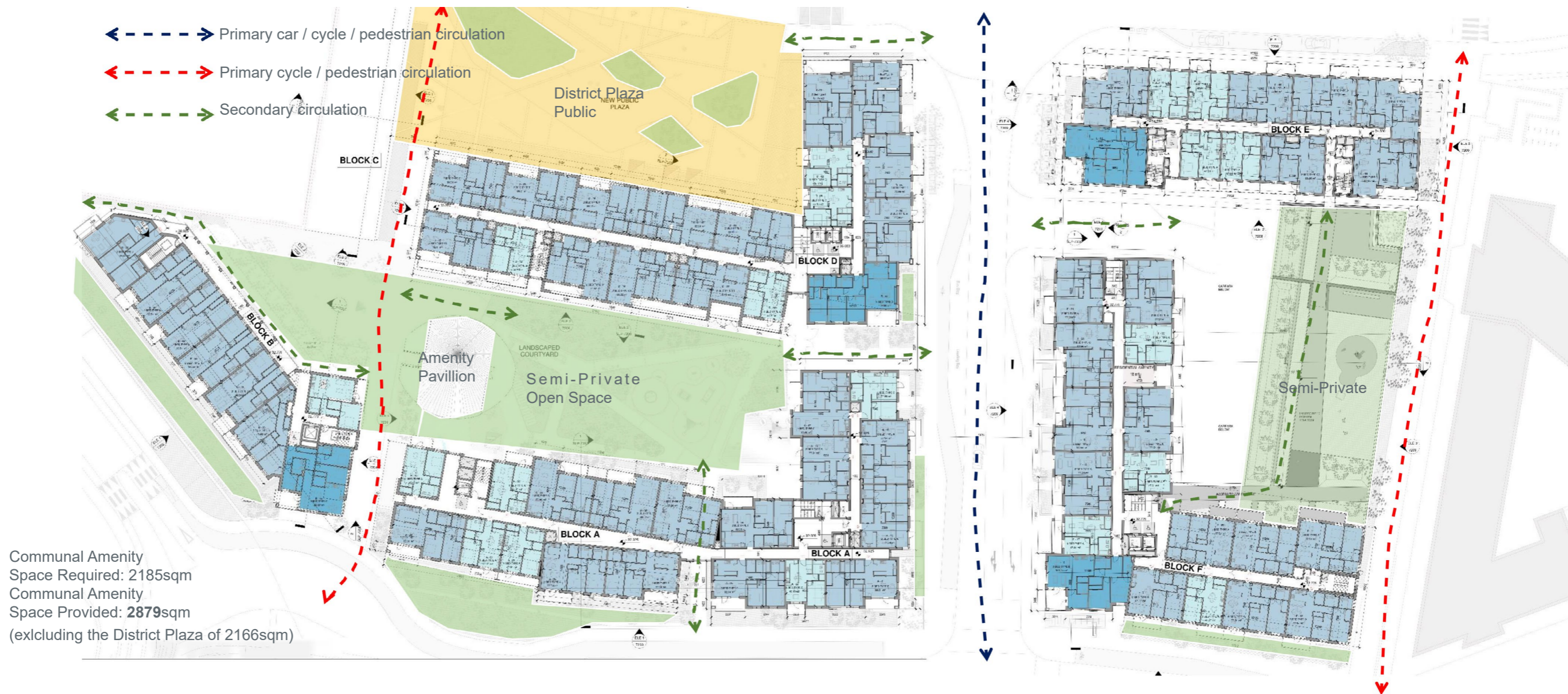
Secure and comfortable communal amenity spaces will be provided for residents of the development across three primary spaces at Block B, the courtyard between Blocks A & D and the over podium garden at Block E & F.

The proposed residential amenity areas will contain high quality planted areas with play and recreational facilities catering for all. Formal play areas with a range-of play equipment are proposed for the courtyard and podium gardens. The overarching approach for the public realm areas of the proposed development is to create spaces which are safe, secure and of a robust and attractive design.

Where practicable the ground floor facing residential units throughout the development are proposed to be own door accessible with front gardens facing on to the street, these active frontages will provide animation and over looking on to the public realm. The new link road is intended to feel like a residential street with ground floor gardens and terraces facing the public realm on both sides of the street.

Please see accompanying landscape architects report for further detail on the design strategy for communal amenity space.

COMMUNAL RESIDENTIAL AMENITY	SQM
DISTRICT PLAZA	2166
RESIDENTIAL COURTYARD	1350
LANDSCAPED PODIUM	1054
BLOCK B LANDSCAPING	475
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## 4 - Compliance with Sustainable Urban Housing Design Standards for New Apartments

### 4.11 - Communal Facilities

The type of facilities being considered include communal rooms, shared work-space and other resident focussed shared amenity spaces. The site's location will also benefit from the range of adjoining facilities, which include gym, retail and food and beverage. The amenities are designed to provide a place where people can feel that they 'own an area'. i.e. Areas are designed to allow multiple groups occupy their own smaller space within a larger space.

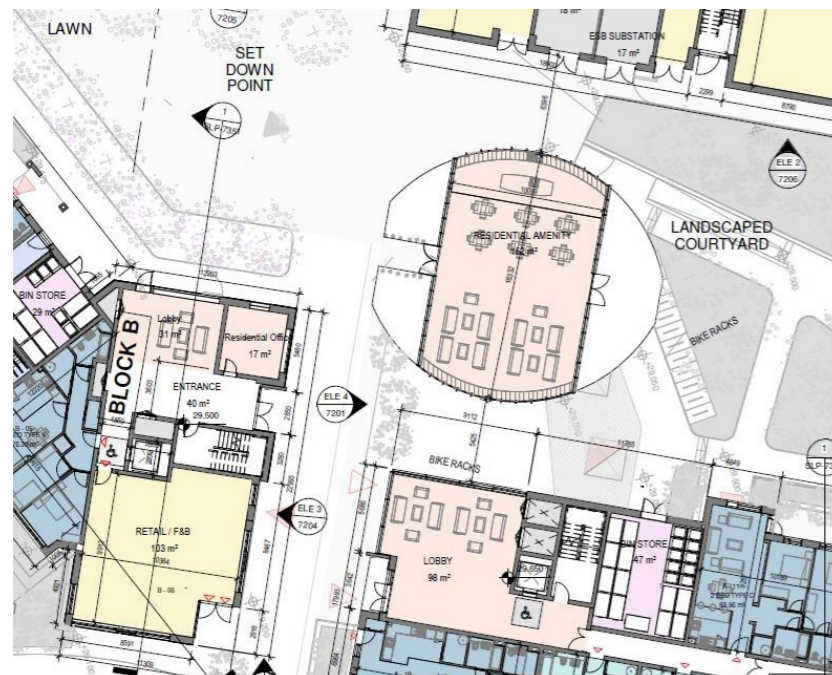
As part of the quality of this development it is proposed to provide two specialist amenity spaces other than the smaller amenity spaces adjoining entrance cores. Between Block A and D is a free-standing pavilion which will provide shared social space, reading areas, lounge area and shared dining area. This will be serviced by the Management company who have an office provided adjacent to this facility in Block B. This glazed single storey pavilion is located in the garden space and is 162sqm with a terrace to the rear.



AMENITY SPACE BETWEEN BLOCK A AND D



TYPICAL AMENITY SPACES



LOCATION OF AMENITY SPACE



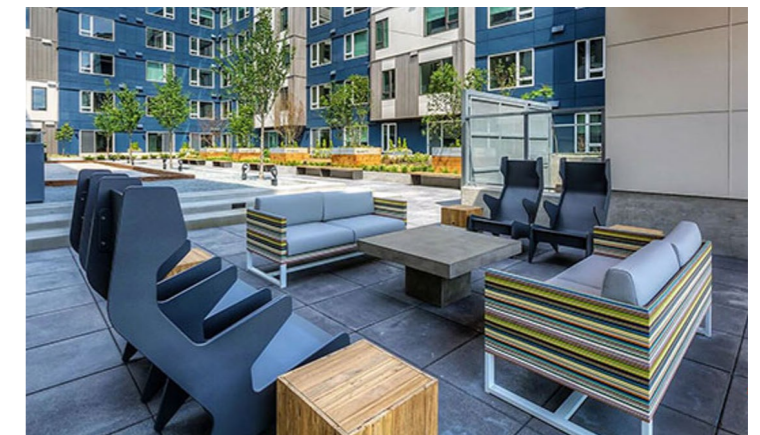
INTERIOR OF AMENITY PAVILION

# 4 - Compliance with Sustainable Urban Housing Design Standards for New Apartments

## 4.11 - Communal Facilities - Block B/ A / D



INTERIOR OF WORK-PLACE AMENITY



INTERIOR OF AMENITY PAVILION



TYPICAL AMENITY SPACES



## 4 - Compliance with Sustainable Urban Housing Design Standards for New Apartments

### 4.11 - Communal Facilities - Block F

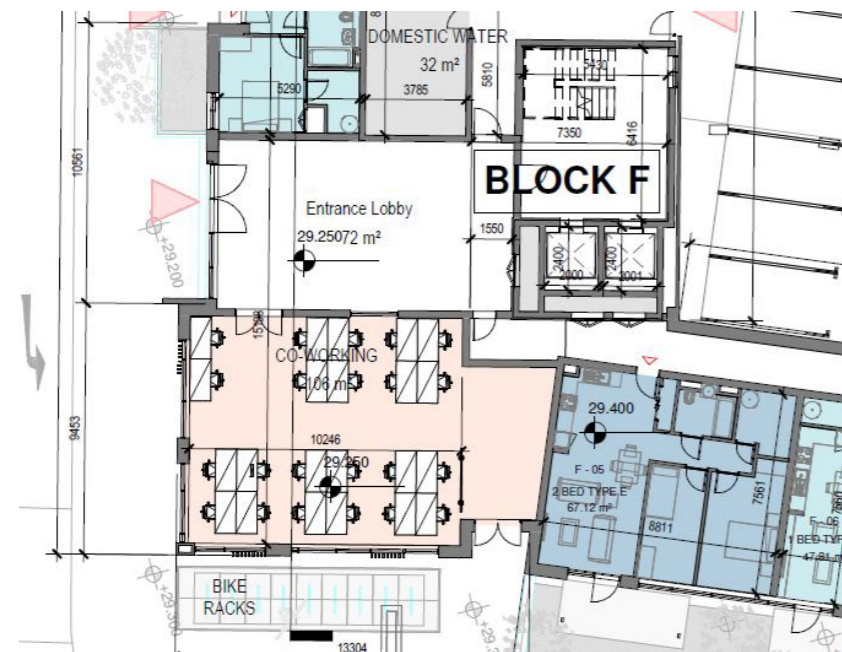
The other dedicated tenant amenity space is in Block F where a Resident co-work space is provided. The development will provide a 'Quiet Zone' amenity to residents containing a mixture of seating varieties – high seating, booth seating and lounge style seating. This amenity space is over 108sqm and connects to the circulation spaces so will be actively managed. Residents will be able to reserve work spaces and book on-line through the central management system and with the management company.



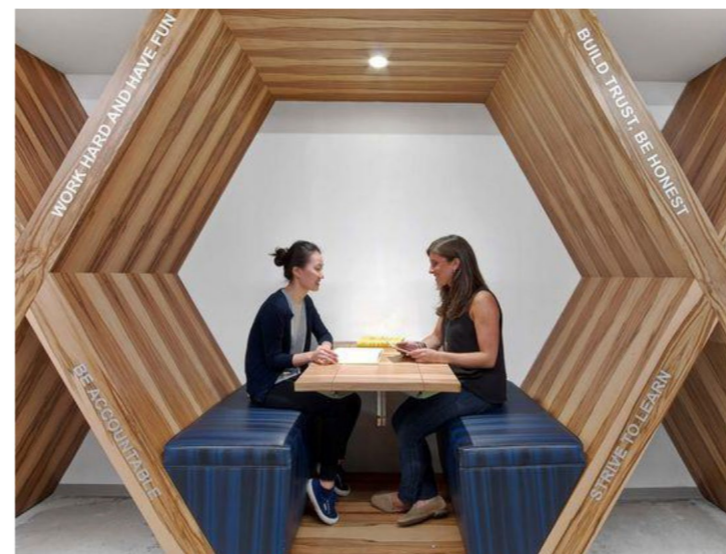
INTERIOR OF WORK-PLACE AMENITY



INTERIOR OF CO-WORKING AREA



LOCATION OF AMENITY SPACE IN BLOCK F



## 4 - Compliance with Sustainable Urban Housing Design Standards for New Apartments

### 4.12 - Childcare Facilities

The Childcare Facilities Guidelines for Planning Authorities 2001 refer to a benchmark of an average of one facility (with 20 childcare spaces) for 75 houses and also provide broader guidance on internal standards for childcare facilities.

Section 4.7 of the 'Design Standards for New Apartments' guidelines state that "One bedroom and studio type units should not generally be considered to contribute to a requirement for any childcare provision and subject to location, this may also apply in part or whole, to units with two or more bedrooms."

Any demand for childcare facilities that may be generated by a review of the surrounding area. It is noted that a childcare facility is being provided as part of the Gateway Retail Park Phase 2 currently nearing completion.

We sought a response from the Galway Childcare Committee following their review of the permitted Phase 2 creche proposal and the proposed Phase 3 development.

It is noted that they consider the Phase 2 creche to be 'adequate to cater for the needs of the families in your client's proposed apartment development close by'. While they go on to note that there is a significant unmet demand in Knocknacarra as a whole the initial statement is likely to be sufficient to allow us to justify no further provision.

It is noted that the calculations would be based on there being 12% of the population of the proposed development being aged 0-6. This is in line with the wider demographic pattern in Knocknacarra. However, in reality, given the makeup of the proposed development we can reasonably apply a reduction to the requirement, particularly with the provision of the creche in Phase 2 of the Gateway retail park.

We reviewed if the Phase 3 development and believe this development would benefit from the inclusion of a childcare facility, albeit either an after-school facility or a smaller creche which would complement the other Creche being provided. The provision of this childcare facility meets the criteria included in the site specific zoning objective in the development plan where there is a requirement to provide a public / community facility over and above the normal requirements.

### 4.13 - Cycling

The site is well placed to take advantage of the existing cycling facilities in the local area with various off-road and on-road routes and cycle parking located in the site. Secure and sheltered cycle parking will be provided for the residents and visitors within the development.

Please refer to the report from Atkins on Mobility Management and cycle facilities in the Development

### 4.14 - Car parking

It is proposed to accommodate 266 new residential car parking spaces in undercroft parking (i.e. parking located at ground level beneath a planted podium slab) and in an un-used void portion of Phase 2 of the District Centre at basement level.

The site already enjoys a two-level car park with a significant basement which is under utilised for the provision of the retail use. By having connections between the existing car park and the new development the over flow capacity of the existing car park can be used for the residents.

Please refer under separate cover to the Traffic and Transportation reports from Atkins Global Engineers, including the Traffic and Transport Assessment Report and the Parking Report.

### 4.15 - Refuse Storage

Refuse storage shall be provided via a dedicated refuse rooms located adjacent to each block and recycling areas accessed from the lift cores or externally. This space will be easily accessed by tenants, staff and refuse collectors.

The Waste storage facility will be adequately ventilated so as to minimise odours and potential nuisances from vermin/flies. AWN waste consultants have completed an evaluation of the requirements for waste based on a weekly waste collection frequency.

In summary, this OWMP presents a waste strategy that addresses all legal requirements, waste policies and best practice guidelines and demonstrates that the required storage areas have been incorporated into the design of the development. Implementation of this OWMP will ensure a high level of recycling, reuse and recovery at the development. All recyclable materials will be segregated at source to reduce waste contractor costs and ensure maximum diversion of materials from landfill, thus achieving the targets set out in the CUR Waste Management Plan 2015 – 2021. Adherence to this plan will also ensure that waste management at the development is carried out in accordance with the requirements of the GCC Waste Bye-Laws and the Sustainable Urban Housing: Design Standards for New Apartments, Guidelines for Planning Authorities.

Please refer under separate cover to the AWN Waste Management Report

## 4 - Compliance with Sustainable Urban Housing Design Standards for New Apartments

### 4.16 - Daylight Analysis

As previously noted, good practice design principles of optimising possible orientation, availability of natural daylight and sunlight and views to external green spaces were key design drivers from the outset. Please refer to accompanying 'Environmental Report' prepared by IES Engineers for full details regarding sun/ daylight levels achieved.

The building and apartments are laid out to optimise the solar orientation and ensure apartments have excellent daylighting. IES Engineers have been retained to calculate the daylighting and confirm that the apartment receive adequate daylight, the buildings do not overshadow neighbouring properties and the proposed landscaped courtyards receive many hours of sunshine daily and exceed recommendations, with excellent levels of sunlight throughout the year.

The full results for the rooms considered can be seen in the IES report. It should be noted that the 'worst' case locations have been tested on the lower floors i.e. rooms on the upper floors will generally have unobstructed views and should meet the BRE recommendations. 96% of the tested rooms in the proposed scheme are projected to have an Average Daylight Factors (ADF) above the recommended Average Daylight Factors (ADF) in line with the BRE guidelines. This number across the scheme would be expected to increase above 98% if all of the upper and outwards facing rooms were included in the results.

- Balconies are positioned on the facades to allow better daylight and sunlight penetration into these units. Each balcony require a function direct relationship with living areas so careful positioning of the balconies has ensured the optimal daylighting solution.

- Some two-bedroom apartments have been redesigned to ensure the living rooms achieve better daylighting. Windows have also been enlarged to optimise solar orientation and daylight penetration deep into the apartment. Some one bedroom apartments have been enlarged and redesigned to allow daylight from two different orientations so that these units perform better from a daylighting perspective.

- Windows and glazed areas have been enlarged and adapted to get daylight from dual aspects so that the units in general perform better than previously at Stage 2 application. Through multiple daylight model studies the final design has been rigorously interrogated to ensure the optimal design solution for the urban infill site.





# 5 - Appendix A - Housing Quality Assessment Schedule

18-179 - KNOCKNACARRA DISTRICT CENTRE, RAHOON, GALWAY																		
BLOCK A																		
Level / Floor	Unit Number	Description	Type	Unit Size (m <sup>2</sup> )	Unit Size Required	Unit + 10%	Number of Bedrooms	Bed Spaces	Aggregate Bedroom Area (m <sup>2</sup> )	Aggregate Bedroom Area Required (m <sup>2</sup> )	Aggregate Living Area (m <sup>2</sup> )	Aggregate Living Area Required (m <sup>2</sup> )	Storage Provided in Unit (m <sup>2</sup> )	Storage Required (m <sup>2</sup> )	Dual Aspect	Private Amenity Space Provided	Private Amenity Space Required	Communal Amenity Space Required
00 - Ground	1	1 Bed Apartment	1 Bed Unit Type B	51.2	45	Yes	1	2	11.5	11.4	24.9	23.0	3.6	3.0	Yes	5.0	5	5
00 - Ground	2	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	Yes	8.9	7	7
00 - Ground	3	1 Bed Apartment	1 Bed Unit Type C	45.2	45	No	1	2	11.4	11.4	23.9	23.0	3.1	3.0	No	5.4	5	5
00 - Ground	4	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	Yes	8.9	7	7
00 - Ground	5	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5
00 - Ground	6	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	Yes	8.9	7	7
00 - Ground	7	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	No	7.0	7	7
00 - Ground	8	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5
00 - Ground	9	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5
00 - Ground	10	2 Bed - 4 Person Apartment	2 Bed Unit Type L	80.3	73	Yes	2	4	25.3	24.4	34.6	30.0	7.1	6.0	Yes	7.0	7	7
00 - Ground	11	2 Bed - 4 Person Apartment	2 Bed Unit Type C	84.0	73	Yes	2	4	25.2	24.4	38.9	30.0	6.4	6.0	Yes	7.7	7	7
00 - Ground	12	2 Bed - 4 Person Apartment	2 Bed Unit Type C	84.0	73	Yes	2	4	25.2	24.4	38.9	30.0	6.4	6.0	Yes	7.7	7	7
00 - Ground	13	1 Bed Apartment	1 Bed Unit Type F	54.2	45	Yes	1	2	11.5	11.4	28.9	23.0	5.2	3.0	Yes	5.0	5	5
<b>Totals</b>	<b>13</b>			<b>860.7</b>			<b>20</b>	<b>40</b>								<b>86.9</b>		
01 - First	14	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	No	7.0	7	7
01 - First	15	2 Bed - 4 Person Apartment	2 Bed Unit Type C	84.0	73	Yes	2	4	25.2	24.4	38.9	30.0	6.4	6.0	Yes	7.7	7	7
01 - First	16	1 Bed Apartment	1 Bed Unit Type E	52.3	45	Yes	1	2	11.6	11.4	28.6	23.0	4.1	3.0	Yes	5.3	5	5
01 - First	17	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	Yes	7.0	7	7
01 - First	18	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	Yes	7.0	7	7
01 - First	19	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	Yes	8.9	7	7
01 - First	20	1 Bed Apartment	1 Bed Unit Type C	45.2	45	No	1	2	11.4	11.4	23.9	23.0	3.1	3.0	No	5.4	5	5
01 - First	21	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	Yes	8.9	7	7
01 - First	22	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	Yes	8.9	7	7
01 - First	23	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	No	7.0	7	7
01 - First	24	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5
01 - First	25	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5
01 - First	26	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	Yes	8.9	7	7
01 - First	27	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	Yes	5.1	5	5
01 - First	28	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5
01 - First	29	2 Bed - 4 Person Apartment	2 Bed Unit Type C	84.0	73	Yes	2	4	25.2	24.4	38.9	30.0	6.4	6.0	Yes	7.7	7	7
01 - First	30	2 Bed - 4 Person Apartment	2 Bed Unit Type C	84.0	73	Yes	2	4	25.2	24.4	38.9	30.0	6.4	6.0	Yes	7.7	7	7
01 - First	31	2 Bed - 4 Person Apartment	2 Bed Unit Type C	84.0	73	Yes	2	4	25.2	24.4	38.9	30.0	6.4	6.0	Yes	7.7	7	7
01 - First	32	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	No	8.9	7	7
<b>Totals</b>	<b>19</b>			<b>1336.2</b>			<b>32</b>	<b>64</b>								<b>134.6</b>		
02 - Second	33	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	No	7.0	7	7
02 - Second	34	2 Bed - 4 Person Apartment	2 Bed Unit Type C	84.0	73	Yes	2	4	25.2	24.4	38.9	30.0	6.4	6.0	Yes	7.7	7	7
02 - Second	35	1 Bed Apartment	1 Bed Unit Type E	52.3	45	Yes	1	2	11.6	11.4	28.6	23.0	4.1	3.0	Yes	5.3	5	5
02 - Second	36	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	Yes	7.0	7	7
02 - Second	37	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	Yes	7.0	7	7
02 - Second	38	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	Yes	8.9	7	7
02 - Second	39	1 Bed Apartment	1 Bed Unit Type C	45.2	45	No	1	2	11.4	11.4	23.9	23.0	3.1	3.0	No	5.4	5	5
02 - Second	40	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	Yes	8.9	7	7
02 - Second	41	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	Yes	8.9	7	7
02 - Second	42	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	No	7.0	7	7
02 - Second	43	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5
02 - Second	44	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5
02 - Second	45	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	Yes	8.9	7	7
02 - Second	46	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	Yes	5.1	5	5
02 - Second	47	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5
02 - Second	48	2 Bed - 4 Person Apartment	2 Bed Unit Type C	84.0	73	Yes	2	4	25.2	24.4	38.9	30.0	6.4	6.0	Yes	7.7	7	7
02 - Second	49	2 Bed - 4 Person Apartment	2 Bed Unit Type C	84.0	73	Yes	2	4	25.2	24.4	38.9	30.0	6.4	6.0	Yes	7.7	7	7
02 - Second	50	2 Bed - 4 Person Apartment	2 Bed Unit Type C	84.0	73	Yes	2	4	25.2	24.4	38.9	30.0	6.4	6.0	Yes	7.7	7	7
02 - Second	51	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	No	8.9	7	7
<b>Totals</b>	<b>19</b>			<b>1336.2</b>			<b>32</b>	<b>64</b>								<b>134.6</b>		

## 5 - Appendix A - Housing Quality Assessment Schedule

18-179 - KNOCKNACARRA DISTRICT CENTRE, RAHOON, GALWAY																		
BLOCK A																		
Level / Floor	Unit Number	Description	Type	Unit Size (m <sup>2</sup> )	Unit Size Required	Unit + 10%	Number of Bedrooms	Bed Spaces	Aggregate Bedroom Area (m <sup>2</sup> )	Aggregate Bedroom Area Required (m <sup>2</sup> )	Aggregate Living Area (m <sup>2</sup> )	Aggregate Living Area Required (m <sup>2</sup> )	Storage Provided in Unit (m <sup>2</sup> )	Storage Required (m <sup>2</sup> )	Dual Aspect	Private Amenity Space Provided	Private Amenity Space Required	Communal Amenity Space Required
03 - Third	52	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	No	7.0	7	7
03 - Third	53	2 Bed - 4 Person Apartment	2 Bed Unit Type C	84.0	73	Yes	2	4	25.2	24.4	38.9	30.0	6.4	6.0	Yes	7.7	7	7
03 - Third	54	1 Bed Apartment	1 Bed Unit Type E	52.3	45	Yes	1	2	11.6	11.4	28.6	23.0	4.1	3.0	Yes	5.3	5	5
03 - Third	55	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	Yes	7.0	7	7
03 - Third	56	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	Yes	7.0	7	7
03 - Third	57	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	Yes	8.9	7	7
03 - Third	58	1 Bed Apartment	1 Bed Unit Type C	45.2	45	No	1	2	11.4	11.4	23.9	23.0	3.1	3.0	No	5.4	5	5
03 - Third	59	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	Yes	8.9	7	7
03 - Third	60	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	Yes	8.9	7	7
03 - Third	61	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	No	7.0	7	7
03 - Third	62	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5
03 - Third	63	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5
03 - Third	64	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	Yes	8.9	7	7
03 - Third	65	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	Yes	5.1	5	5
03 - Third	66	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5
03 - Third	67	2 Bed - 4 Person Apartment	2 Bed Unit Type C	84.0	73	Yes	2	4	25.2	24.4	38.9	30.0	6.4	6.0	Yes	7.7	7	7
03 - Third	68	2 Bed - 4 Person Apartment	2 Bed Unit Type C	84.0	73	Yes	2	4	25.2	24.4	38.9	30.0	6.4	6.0	Yes	7.7	7	7
03 - Third	69	2 Bed - 4 Person Apartment	2 Bed Unit Type C	84.0	73	Yes	2	4	25.2	24.4	38.9	30.0	6.4	6.0	Yes	7.7	7	7
03 - Third	70	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	No	8.9	7	7
<b>Totals</b>	<b>19</b>			<b>1336.2</b>			<b>32</b>	<b>64</b>								<b>134.6</b>		
04 - Fourth	71	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	No	7.0	7	7
04 - Fourth	72	2 Bed - 4 Person Apartment	2 Bed Unit Type C	84.0	73	Yes	2	4	25.2	24.4	38.9	30.0	6.4	6.0	Yes	7.7	7	7
04 - Fourth	73	1 Bed Apartment	1 Bed Unit Type E	52.3	45	Yes	1	2	11.6	11.4	28.6	23.0	4.1	3.0	Yes	5.3	5	5
04 - Fourth	74	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	Yes	7.0	7	7
04 - Fourth	75	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	Yes	7.0	7	7
04 - Fourth	76	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	Yes	8.9	7	7
04 - Fourth	77	1 Bed Apartment	1 Bed Unit Type C	45.2	45	No	1	2	11.4	11.4	23.9	23.0	3.1	3.0	No	5.4	5	5
04 - Fourth	78	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	Yes	8.9	7	7
04 - Fourth	79	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	Yes	8.9	7	7
04 - Fourth	80	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	No	7.0	7	7
04 - Fourth	81	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5
04 - Fourth	82	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5
04 - Fourth	83	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	Yes	8.9	7	7
04 - Fourth	84	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	Yes	5.1	5	5
04 - Fourth	85	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5
04 - Fourth	86	2 Bed - 4 Person Apartment	2 Bed Unit Type C	84.0	73	Yes	2	4	25.2	24.4	38.9	30.0	6.4	6.0	Yes	7.7	7	7
04 - Fourth	87	2 Bed - 4 Person Apartment	2 Bed Unit Type C	84.0	73	Yes	2	4	25.2	24.4	38.9	30.0	6.4	6.0	Yes	7.7	7	7
04 - Fourth	88	2 Bed - 4 Person Apartment	2 Bed Unit Type C	84.0	73	Yes	2	4	25.2	24.4	38.9	30.0	6.4	6.0	Yes	7.7	7	7
04 - Fourth	89	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	No	8.9	7	7
<b>Totals</b>	<b>19</b>			<b>1336.2</b>			<b>32</b>	<b>64</b>								<b>134.6</b>		
05 - Fifth	90	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	No	7.0	7	7
05 - Fifth	91	2 Bed - 4 Person Apartment	2 Bed Unit Type C	84.0	73	Yes	2	4	25.2	24.4	38.9	30.0	6.4	6.0	Yes	7.7	7	7
05 - Fifth	92	1 Bed Apartment	1 Bed Unit Type E	52.3	45	Yes	1	2	11.6	11.4	28.6	23.0	4.1	3.0	Yes	5.3	5	5
05 - Fifth	93	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	Yes	7.0	7	7
05 - Fifth	94	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	Yes	7.0	7	7
05 - Fifth	95	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	Yes	8.9	7	7
05 - Fifth	96	1 Bed Apartment	1 Bed Unit Type C	45.2	45	No	1	2	11.4	11.4	23.9	23.0	3.1	3.0	Yes	5.4	5	5
<b>Totals</b>	<b>7</b>			<b>494.3</b>			<b>12</b>	<b>24</b>								<b>48.4</b>		
<b>Totals:</b>	<b>96 Apartments</b>			<b>6700 m<sup>2</sup></b>		<b>51</b>	<b>160</b>	<b>320</b>							<b>62</b>			<b>608</b>
<b>Percentages:</b>						<b>53%</b>												

## 5 - Appendix A - Housing Quality Assessment Schedule

18-179 - KNOCKNACARRA DISTRICT CENTRE, RAHOON, GALWAY																		
BLOCK B																		
Level / Floor	Unit Number	Description	Type	Unit Size (m <sup>2</sup> )	Unit Size Required	Unit + 10%	Number of Bedrooms	Bed Spaces	Aggregate Bedroom Area (m <sup>2</sup> )	Aggregate Bedroom Area Required (m <sup>2</sup> )	Aggregate Living Area (m <sup>2</sup> )	Aggregate Living Area Required (m <sup>2</sup> )	Storage Provided in Unit (m <sup>2</sup> )	Storage Required (m <sup>2</sup> )	Dual Aspect	Private Amenity Space Provided	Private Amenity Space Required	Communal Amenity Space Required
00 - Ground	1	2 Bed - 4 Person Apartment	2 Bed Unit Type J	85.5	73	Yes	2	4	25.4	24.4	30.8	30.0	8.2	6.0	Yes	7.3	7	7
00 - Ground	2	2 Bed - 4 Person Apartment	2 Bed Unit Type H	80.5	73	Yes	2	4	24.8	24.4	30.0	30.0	6.9	6.0	Yes	7.4	7	7
00 - Ground	3	2 Bed - 4 Person Apartment	2 Bed Unit Type H	80.5	73	Yes	2	4	24.8	24.4	30.0	30.0	6.9	6.0	Yes	7.4	7	7
00 - Ground	4	2 Bed - 4 Person Apartment	2 Bed Unit Type H	80.5	73	Yes	2	4	24.8	24.4	30.0	30.0	6.9	6.0	Yes	7.4	7	7
00 - Ground	5	2 Bed - 3 Person Apartment	2 Bed Unit Type K	75.8	63	Yes	2	3	23.5	20.1	28.7	28.0	5.7	5.0	No	7.0	6	6
<b>Totals</b>	<b>5</b>			<b>402.9</b>			<b>10</b>	<b>19</b>										
01 - First	6	2 Bed - 4 Person Apartment	2 Bed Unit Type J	85.5	73	Yes	2	4	25.4	24.4	30.8	30.0	8.2	6.0	Yes	7.3	7	7
01 - First	7	2 Bed - 4 Person Apartment	2 Bed Unit Type H	80.5	73	Yes	2	4	24.8	24.4	30.0	30.0	6.9	6.0	Yes	7.4	7	7
01 - First	8	2 Bed - 4 Person Apartment	2 Bed Unit Type H	80.5	73	Yes	2	4	24.8	24.4	30.0	30.0	6.9	6.0	Yes	7.4	7	7
01 - First	9	2 Bed - 4 Person Apartment	2 Bed Unit Type H	80.5	73	Yes	2	4	24.8	24.4	30.0	30.0	6.9	6.0	Yes	7.4	7	7
01 - First	10	2 Bed - 4 Person Apartment	2 Bed Unit Type H	80.5	73	Yes	2	4	24.8	24.4	30.0	30.0	6.9	6.0	Yes	7.4	7	7
01 - First	11	1 Bed Apartment	1 Bed Unit Type D	53.3	45	Yes	1	2	13.5	11.4	24.9	23.0	3.4	3.0	Yes	5.4	5	5
01 - First	12	2 Bed - 3 Person Apartment	2 Bed Unit Type K	75.8	63	Yes	2	3	23.5	20.1	28.7	28.0	5.7	5.0	No	7.0	6	6
01 - First	13	3 Bed Apartment	3 Bed Unit Type C	99.1	90	Yes	3	5	32.1	31.5	34.1	34.0	9.0	9.0	Yes	9.1	9	9
<b>Totals</b>	<b>13</b>			<b>635.9</b>			<b>16</b>	<b>30</b>										
02 - Second	14	2 Bed - 4 Person Apartment	2 Bed Unit Type J	85.5	73	Yes	2	4	25.4	24.4	30.8	30.0	8.2	6.0	Yes	7.3	7	7
02 - Second	15	2 Bed - 4 Person Apartment	2 Bed Unit Type H	80.5	73	Yes	2	4	24.8	24.4	30.0	30.0	6.9	6.0	Yes	7.4	7	7
02 - Second	16	2 Bed - 4 Person Apartment	2 Bed Unit Type H	80.5	73	Yes	2	4	24.8	24.4	30.0	30.0	6.9	6.0	Yes	7.4	7	7
02 - Second	17	2 Bed - 4 Person Apartment	2 Bed Unit Type H	80.5	73	Yes	2	4	24.8	24.4	30.0	30.0	6.9	6.0	Yes	7.4	7	7
02 - Second	18	2 Bed - 4 Person Apartment	2 Bed Unit Type H	80.5	73	Yes	2	4	24.8	24.4	30.0	30.0	6.9	6.0	Yes	7.4	7	7
02 - Second	19	1 Bed Apartment	1 Bed Unit Type D	53.3	45	Yes	1	2	13.5	11.4	24.9	23.0	3.4	3.0	Yes	5.4	5	5
02 - Second	20	2 Bed - 3 Person Apartment	2 Bed Unit Type K	75.8	63	Yes	2	3	23.5	20.1	28.7	28.0	5.7	5.0	No	7.0	6	6
02 - Second	21	3 Bed Apartment	3 Bed Unit Type C	99.1	90	Yes	3	5	32.1	31.5	34.1	34.0	9.0	9.0	Yes	9.1	9	9
<b>Totals</b>	<b>8</b>			<b>635.9</b>			<b>16</b>	<b>30</b>										
03 - Third	22	2 Bed - 4 Person Apartment	2 Bed Unit Type J	85.5	73	Yes	2	4	25.4	24.4	30.8	30.0	8.2	6.0	Yes	7.3	7	7
03 - Third	23	2 Bed - 4 Person Apartment	2 Bed Unit Type H	80.5	73	Yes	2	4	24.8	24.4	30.0	30.0	6.9	6.0	Yes	7.4	7	7
03 - Third	24	2 Bed - 4 Person Apartment	2 Bed Unit Type H	80.5	73	Yes	2	4	24.8	24.4	30.0	30.0	6.9	6.0	Yes	7.4	7	7
03 - Third	25	2 Bed - 4 Person Apartment	2 Bed Unit Type H	80.5	73	Yes	2	4	24.8	24.4	30.0	30.0	6.9	6.0	Yes	7.4	7	7
03 - Third	26	2 Bed - 4 Person Apartment	2 Bed Unit Type H	80.5	73	Yes	2	4	24.8	24.4	30.0	30.0	6.9	6.0	Yes	7.4	7	7
03 - Third	27	1 Bed Apartment	1 Bed Unit Type D	53.3	45	Yes	1	2	13.5	11.4	24.9	23.0	3.4	3.0	Yes	5.4	5	5
03 - Third	28	2 Bed - 3 Person Apartment	2 Bed Unit Type K	75.8	63	Yes	2	3	23.5	20.1	28.7	28.0	5.7	5.0	No	7.0	6	6
03 - Third	29	3 Bed Apartment	3 Bed Unit Type C	99.1	90	Yes	3	5	32.1	31.5	34.1	34.0	9.0	9.0	Yes	9.1	9	9
<b>Totals</b>	<b>8</b>			<b>635.9</b>			<b>16</b>	<b>30</b>										
04 - Fourth	30	2 Bed - 4 Person Apartment	2 Bed Unit Type J	85.5	73	Yes	2	4	25.4	24.4	30.8	30.0	8.2	6.0	Yes	7.3	7	7
04 - Fourth	31	2 Bed - 4 Person Apartment	2 Bed Unit Type H	80.5	73	Yes	2	4	24.8	24.4	30.0	30.0	6.9	6.0	Yes	7.4	7	7
04 - Fourth	32	2 Bed - 4 Person Apartment	2 Bed Unit Type H	80.5	73	Yes	2	4	24.8	24.4	30.0	30.0	6.9	6.0	Yes	7.4	7	7
04 - Fourth	33	2 Bed - 4 Person Apartment	2 Bed Unit Type H	80.5	73	Yes	2	4	24.8	24.4	30.0	30.0	6.9	6.0	Yes	7.4	7	7
04 - Fourth	34	2 Bed - 4 Person Apartment	2 Bed Unit Type H	80.5	73	Yes	2	4	24.8	24.4	30.0	30.0	6.9	6.0	Yes	7.4	7	7
04 - Fourth	35	1 Bed Apartment	1 Bed Unit Type D	53.3	45	Yes	1	2	13.5	11.4	24.9	23.0	3.4	3.0	Yes	5.4	5	5
04 - Fourth	36	2 Bed - 3 Person Apartment	2 Bed Unit Type K	75.8	63	Yes	2	3	23.5	20.1	28.7	28.0	5.7	5.0	No	7.0	6	6
04 - Fourth	37	3 Bed Apartment	3 Bed Unit Type C	99.1	90	Yes	3	5	32.1	31.5	34.1	34.0	9.0	9.0	Yes	9.1	9	9
<b>Totals</b>	<b>8</b>			<b>635.9</b>			<b>16</b>	<b>30</b>										
05 - Fifth	38	1 Bed Apartment	1 Bed Unit Type D	53.3	45	Yes	1	2	13.5	11.4	24.9	23.0	3.4	3.0	Yes	5.4	5	5
05 - Fifth	39	2 Bed - 3 Person Apartment	2 Bed Unit Type K	75.8	63	Yes	2	3	23.5	20.1	28.7	28.0	5.7	5.0	No	7.0	6	6
05 - Fifth	40	3 Bed Apartment	3 Bed Unit Type C	99.1	90	Yes	3	5	32.1	31.5	34.1	34.0	9.0	9.0	Yes	9.1	9	9
<b>Totals</b>	<b>3</b>			<b>228.3</b>			<b>6</b>	<b>10</b>										
06 - Sixth	41	3 Bed Apartment	3 Bed Unit Type C	99.1	90	Yes	3	5	32.1	31.5	34.1	34.0	9.0	9.0	Yes	9.1	9	9
<b>Totals</b>	<b>1</b>			<b>99.1</b>			<b>3</b>	<b>5</b>										
<b>Totals:</b>	<b>41 Apartments</b>			<b>3274 m<sup>2</sup></b>			<b>41</b>	<b>83</b>							<b>35</b>			<b>283</b>
<b>Percentages:</b>							<b>100%</b>											

## 5 - Appendix A - Housing Quality Assessment Schedule

18-179 - KNOCKNACARRA DISTRICT CENTRE, RAHOON, GALWAY																		
BLOCK D																		
Level / Floor	Unit Number	Description	Type	Unit Size (m <sup>2</sup> )	Unit Size Required	Unit + 10%	Number of Bedrooms	Bed Spaces	Aggregate Bedroom Area (m <sup>2</sup> )	Aggregate Bedroom Area Required (m <sup>2</sup> )	Aggregate Living Area (m <sup>2</sup> )	Aggregate Living Area Required (m <sup>2</sup> )	Storage Provided in Unit (m <sup>2</sup> )	Storage Required (m <sup>2</sup> )	Dual Aspect	Private Amenity Space Provided	Private Amenity Space Required	Communal Amenity Space Required
01 - First	1	1 Bed Apartment	1 Bed Unit Type C	45.2	45	No	1	2	11.4	11.4	23.9	23.0	3.1	3.0	No	5.4	5	5
01 - First	2	1 Bed Apartment	1 Bed Unit Type C	45.2	45	No	1	2	11.4	11.4	23.9	23.0	3.1	3.0	No	5.4	5	5
01 - First	3	2 Bed - 4 Person Apartment	2 Bed Unit Type I	87.8	73	Yes	2	4	24.7	24.4	31.8	30.0	6.5	6.0	Yes	7.0	7	7
01 - First	4	2 Bed - 4 Person Apartment	2 Bed Unit Type I	87.8	73	Yes	2	4	24.7	24.4	31.8	30.0	6.5	6.0	Yes	7.0	7	7
01 - First	5	2 Bed - 4 Person Apartment	2 Bed Unit Type B	75.1	73	No	2	4	25.0	24.4	30.5	30.0	6.3	6.0	Yes	7.3	7	7
01 - First	6	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	Yes	7.0	7	7
01 - First	7	3 Bed Apartment	3 Bed Unit Type D	108.4	90	Yes	3	5	38.9	31.5	34.1	34.0	9.4	9.0	Yes	10.7	9	9
01 - First	8	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	Yes	5.1	5	5
01 - First	9	2 Bed - 4 Person Apartment	2 Bed Unit Type F-01	78.1	73	No	2	4	24.6	24.4	35.4	30.0	6.0	6.0	No	9.1	7	7
01 - First	10	2 Bed - 4 Person Apartment	2 Bed Unit Type C-01	81.8	73	Yes	2	4	24.5	24.4	38.5	30.0	6.2	6.0	Yes	7.5	7	7
01 - First	11	2 Bed - 4 Person Apartment	2 Bed Unit Type C-01	81.8	73	Yes	2	4	24.5	24.4	38.5	30.0	6.2	6.0	Yes	7.5	7	7
01 - First	12	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5
01 - First	13	2 Bed - 4 Person Apartment	2 Bed Unit Type F-01	78.1	73	No	2	4	24.6	24.4	35.4	30.0	6.0	6.0	Yes	9.1	7	7
01 - First	14	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	Yes	8.9	7	7
01 - First	15	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	No	8.9	7	7
01 - First	16	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	No	8.9	7	7
01 - First	17	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	No	8.9	7	7
01 - First	18	2 Bed - 4 Person Apartment	2 Bed Unit Type G	83.9	73	Yes	2	4	29.0	24.4	34.0	30.0	6.6	6.0	No	8.6	7	7
<b>Totals</b>	<b>18</b>			<b>1347.5</b>			<b>33</b>	<b>65</b>										
02 - Second	19	1 Bed Apartment	1 Bed Unit Type C	45.2	45	No	1	2	11.4	11.4	23.9	23.0	3.1	3.0	No	5.4	5	5
02 - Second	20	1 Bed Apartment	1 Bed Unit Type C	45.2	45	No	1	2	11.4	11.4	23.9	23.0	3.1	3.0	No	5.4	5	5
02 - Second	21	2 Bed - 4 Person Apartment	2 Bed Unit Type I	87.8	73	Yes	2	4	24.7	24.4	31.8	30.0	6.5	6.0	Yes	7.0	7	7
02 - Second	22	2 Bed - 4 Person Apartment	2 Bed Unit Type I	87.8	73	Yes	2	4	24.7	24.4	31.8	30.0	6.5	6.0	Yes	7.0	7	7
02 - Second	23	2 Bed - 4 Person Apartment	2 Bed Unit Type B	75.1	73	No	2	4	25.0	24.4	30.5	30.0	6.3	6.0	Yes	7.3	7	7
02 - Second	24	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	Yes	7.0	7	7
02 - Second	25	3 Bed Apartment	3 Bed Unit Type D	108.4	90	Yes	3	5	38.9	31.5	34.1	34.0	9.4	9.0	Yes	10.7	9	9
02 - Second	26	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	Yes	5.1	5	5
02 - Second	27	2 Bed - 4 Person Apartment	2 Bed Unit Type F-01	78.1	73	No	2	4	24.6	24.4	35.4	30.0	6.0	6.0	No	9.1	7	7
02 - Second	28	2 Bed - 4 Person Apartment	2 Bed Unit Type C-01	81.8	73	Yes	2	4	24.5	24.4	38.5	30.0	6.2	6.0	Yes	7.5	7	7
02 - Second	29	2 Bed - 4 Person Apartment	2 Bed Unit Type C-01	81.8	73	Yes	2	4	24.5	24.4	38.5	30.0	6.2	6.0	Yes	7.5	7	7
02 - Second	30	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5
02 - Second	31	2 Bed - 4 Person Apartment	2 Bed Unit Type F-01	78.1	73	No	2	4	24.6	24.4	35.4	30.0	6.0	6.0	Yes	9.1	7	7
02 - Second	32	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	Yes	8.9	7	7
02 - Second	33	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	No	8.9	7	7
02 - Second	34	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	No	8.9	7	7
02 - Second	35	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	No	8.9	7	7
02 - Second	36	2 Bed - 4 Person Apartment	2 Bed Unit Type G	83.9	73	Yes	2	4	29.0	24.4	34.0	30.0	6.6	6.0	No	8.6	7	7
<b>Totals</b>	<b>18</b>			<b>1347.5</b>			<b>33</b>	<b>65</b>										
03 - Third	37	1 Bed Apartment	1 Bed Unit Type C	45.2	45	No	1	2	11.4	11.4	23.9	23.0	3.1	3.0	No	5.4	5	5
03 - Third	38	1 Bed Apartment	1 Bed Unit Type C	45.2	45	No	1	2	11.4	11.4	23.9	23.0	3.1	3.0	No	5.4	5	5
03 - Third	39	2 Bed - 4 Person Apartment	2 Bed Unit Type I	87.8	73	Yes	2	4	24.7	24.4	31.8	30.0	6.5	6.0	Yes	7.0	7	7
03 - Third	40	2 Bed - 4 Person Apartment	2 Bed Unit Type I	87.8	73	Yes	2	4	24.7	24.4	31.8	30.0	6.5	6.0	Yes	7.0	7	7
03 - Third	41	2 Bed - 4 Person Apartment	2 Bed Unit Type B	75.1	73	No	2	4	25.0	24.4	30.5	30.0	6.3	6.0	Yes	7.3	7	7
03 - Third	42	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	Yes	7.0	7	7
03 - Third	43	3 Bed Apartment	3 Bed Unit Type D	108.4	90	Yes	3	5	38.9	31.5	34.1	34.0	9.4	9.0	Yes	10.7	9	9
03 - Third	44	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	Yes	5.1	5	5
03 - Third	45	2 Bed - 4 Person Apartment	2 Bed Unit Type F-01	78.1	73	No	2	4	24.6	24.4	35.4	30.0	6.0	6.0	No	9.1	7	7
03 - Third	46	2 Bed - 4 Person Apartment	2 Bed Unit Type C-01	81.8	73	Yes	2	4	24.5	24.4	38.5	30.0	6.2	6.0	Yes	7.5	7	7
03 - Third	47	2 Bed - 4 Person Apartment	2 Bed Unit Type C-01	81.8	73	Yes	2	4	24.5	24.4	38.5	30.0	6.2	6.0	Yes	7.5	7	7
03 - Third	48	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5
03 - Third	49	2 Bed - 4 Person Apartment	2 Bed Unit Type F-01	78.1	73	No	2	4	24.6	24.4	35.4	30.0	6.0	6.0	Yes	9.1	7	7
03 - Third	50	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	Yes	8.9	7	7
03 - Third	51	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	No	8.9	7	7
03 - Third	52	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	No	8.9	7	7
03 - Third	53	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	No	8.9	7	7
03 - Third	54	2 Bed - 4 Person Apartment	2 Bed Unit Type G	83.9	73	Yes	2	4	29.0	24.4	34.0	30.0	6.6	6.0	No	8.6	7	7
<b>Totals</b>	<b>18</b>			<b>1347.5</b>			<b>33</b>	<b>65</b>										

## 5 - Appendix A - Housing Quality Assessment Schedule

18-179 - KNOCKNACARRA DISTRICT CENTRE, RAHOON, GALWAY																		
BLOCK D																		
Level / Floor	Unit Number	Description	Type	Unit Size (m <sup>2</sup> )	Unit Size Required	Unit + 10%	Number of Bedrooms	Bed Spaces	Aggregate Bedroom Area (m <sup>2</sup> )	Aggregate Bedroom Area Required (m <sup>2</sup> )	Aggregate Living Area (m <sup>2</sup> )	Aggregate Living Area Required (m <sup>2</sup> )	Storage Provided in Unit (m <sup>2</sup> )	Storage Required (m <sup>2</sup> )	Dual Aspect	Private Amenity Space Provided	Private Amenity Space Required	Communal Amenity Space Required
04 - Fourth	55	1 Bed Apartment	1 Bed Unit Type C	45.2	45	No	1	2	11.4	11.4	23.9	23.0	3.1	3.0	No	5.4	5	5
04 - Fourth	56	1 Bed Apartment	1 Bed Unit Type C	45.2	45	No	1	2	11.4	11.4	23.9	23.0	3.1	3.0	No	5.4	5	5
04 - Fourth	57	2 Bed - 4 Person Apartment	2 Bed Unit Type I	87.8	73	Yes	2	4	24.7	24.4	31.8	30.0	6.5	6.0	Yes	7.0	7	7
04 - Fourth	58	2 Bed - 4 Person Apartment	2 Bed Unit Type I	87.8	73	Yes	2	4	24.7	24.4	31.8	30.0	6.5	6.0	Yes	7.0	7	7
04 - Fourth	59	2 Bed - 4 Person Apartment	2 Bed Unit Type B	75.1	73	No	2	4	25.0	24.4	30.5	30.0	6.3	6.0	Yes	7.3	7	7
04 - Fourth	60	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	Yes	7.0	7	7
04 - Fourth	61	3 Bed Apartment	3 Bed Unit Type D	108.4	90	Yes	3	5	38.9	31.5	34.1	34.0	9.4	9.0	Yes	10.7	9	9
04 - Fourth	62	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	Yes	5.1	5	5
04 - Fourth	63	2 Bed - 4 Person Apartment	2 Bed Unit Type F-01	78.1	73	No	2	4	24.6	24.4	35.4	30.0	6.0	6.0	No	9.1	7	7
04 - Fourth	64	2 Bed - 4 Person Apartment	2 Bed Unit Type C-01	81.8	73	Yes	2	4	24.5	24.4	38.5	30.0	6.2	6.0	Yes	7.5	7	7
04 - Fourth	65	2 Bed - 4 Person Apartment	2 Bed Unit Type C-01	81.8	73	Yes	2	4	24.5	24.4	38.5	30.0	6.2	6.0	Yes	7.5	7	7
04 - Fourth	66	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5
04 - Fourth	67	2 Bed - 4 Person Apartment	2 Bed Unit Type F-01	78.1	73	No	2	4	24.6	24.4	35.4	30.0	6.0	6.0	Yes	9.1	7	7
04 - Fourth	68	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	Yes	8.9	7	7
04 - Fourth	69	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	No	8.9	7	7
04 - Fourth	70	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	No	8.9	7	7
04 - Fourth	71	2 Bed - 4 Person Apartment	2 Bed Unit Type F	80.3	73	Yes	2	4	25.4	24.4	35.4	30.0	6.1	6.0	No	8.9	7	7
04 - Fourth	72	2 Bed - 4 Person Apartment	2 Bed Unit Type G	83.9	73	Yes	2	4	29.0	24.4	34.0	30.0	6.6	6.0	No	8.6	7	7
<b>Totals</b>	<b>18</b>			<b>1347.5</b>			<b>33</b>	<b>65</b>										
05 - Fifth	73	1 Bed Apartment	1 Bed Unit Type C	45.2	45	No	1	2	11.4	11.4	23.9	23.0	3.1	3.0	No	5.4	5	5
05 - Fifth	74	1 Bed Apartment	1 Bed Unit Type C	45.2	45	No	1	2	11.4	11.4	23.9	23.0	3.1	3.0	No	5.4	5	5
05 - Fifth	75	2 Bed - 4 Person Apartment	2 Bed Unit Type I	87.8	73	Yes	2	4	24.7	24.4	31.8	30.0	6.5	6.0	Yes	7.0	7	7
05 - Fifth	76	2 Bed - 4 Person Apartment	2 Bed Unit Type I	87.8	73	Yes	2	4	24.7	24.4	31.8	30.0	6.5	6.0	Yes	7.0	7	7
05 - Fifth	77	2 Bed - 4 Person Apartment	2 Bed Unit Type B	75.1	73	No	2	4	25.0	24.4	30.5	30.0	6.3	6.0	Yes	7.3	7	7
05 - Fifth	78	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	Yes	7.0	7	7
05 - Fifth	79	3 Bed Apartment	3 Bed Unit Type D	108.4	90	Yes	3	5	38.9	31.5	34.1	34.0	9.4	9.0	Yes	10.7	9	9
<b>Totals</b>	<b>7</b>			<b>526.9</b>			<b>13</b>	<b>25</b>										
<b>Totals:</b>	<b>79 Apartments</b>			<b>5917 m<sup>2</sup></b>		<b>43</b>	<b>145</b>	<b>285</b>							<b>45</b>			<b>527</b>
<b>Percentages:</b>						<b>54%</b>												

# 5 - Appendix A - Housing Quality Assessment Schedule

18-179 - KNOCKNACARRA DISTRICT CENTRE, RAHOON, GALWAY																			BLOCK E		
Level / Floor	Unit Number	Description	Type	Unit Size (m <sup>2</sup> )	Unit Size Required	Unit + 10%	Number of Bedrooms	Bed Spaces	Aggregate Bedroom Area (m <sup>2</sup> )	Aggregate Bedroom Area Required (m <sup>2</sup> )	Aggregate Living Area (m <sup>2</sup> )	Aggregate Living Area Required (m <sup>2</sup> )	Storage Provided in Unit (m <sup>2</sup> )	Storage Required (m <sup>2</sup> )	Dual Aspect	Private Amenity Space Provided	Private Amenity Space Required	Communal Amenity Space Required			
01 - First	1	3 Bed Apartment	3 Bed Unit Type A	109.1	90	Yes	3	5	45.3	31.5	40.1	34.0	9.5	9.0	Yes	11.1	9	9			
01 - First	2	2 Bed - 4 Person Apartment	2 Bed Unit Type D	78.3	73	No	2	4	26.0	24.4	33.1	30.0	6.2	6.0	Yes	7.0	7	7			
01 - First	3	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5			
01 - First	4	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5			
01 - First	5	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	No	7.0	7	7			
01 - First	6	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	No	7.0	7	7			
01 - First	7	2 Bed - 4 Person Apartment	2 Bed Unit Type D	78.3	73	No	2	4	26.0	24.4	33.1	30.0	6.2	6.0	Yes	7.0	7	7			
01 - First	8	2 Bed - 4 Person Apartment	2 Bed Unit Type C	84.0	73	Yes	2	4	25.2	24.4	38.9	30.0	6.4	6.0	Yes	7.7	7	7			
01 - First	9	2 Bed - 4 Person Apartment	2 Bed Unit Type C-02	80.3	73	Yes	2	4	24.6	24.4	35.7	30.0	6.6	6.0	Yes	7.7	7	7			
01 - First	10	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5			
01 - First	11	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5			
<b>Totals</b>	<b>11</b>			<b>776.4</b>			<b>19</b>	<b>37</b>													
02 - Second	12	3 Bed Apartment	3 Bed Unit Type A	109.1	90	Yes	3	5	45.3	31.5	40.1	34.0	9.5	9.0	Yes	11.1	9	9			
02 - Second	13	2 Bed - 4 Person Apartment	2 Bed Unit Type D	78.3	73	No	2	4	26.0	24.4	33.1	30.0	6.2	6.0	Yes	7.0	7	7			
02 - Second	14	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5			
02 - Second	15	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5			
02 - Second	16	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	No	7.0	7	7			
02 - Second	17	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	No	7.0	7	7			
02 - Second	18	2 Bed - 4 Person Apartment	2 Bed Unit Type D	78.3	73	No	2	4	26.0	24.4	33.1	30.0	6.2	6.0	Yes	7.0	7	7			
02 - Second	19	2 Bed - 4 Person Apartment	2 Bed Unit Type C	84.0	73	Yes	2	4	25.2	24.4	38.9	30.0	6.4	6.0	Yes	7.7	7	7			
02 - Second	20	2 Bed - 4 Person Apartment	2 Bed Unit Type C-02	80.3	73	Yes	2	4	24.6	24.4	35.7	30.0	6.6	6.0	Yes	7.7	7	7			
02 - Second	21	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5			
02 - Second	22	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5			
<b>Totals</b>	<b>11</b>			<b>776.4</b>			<b>19</b>	<b>37</b>													
03 - Third	23	3 Bed Apartment	3 Bed Unit Type A	109.1	90	Yes	3	5	45.3	31.5	40.1	34.0	9.5	9.0	Yes	11.1	9	9			
03 - Third	24	2 Bed - 4 Person Apartment	2 Bed Unit Type D	78.3	73	No	2	4	26.0	24.4	33.1	30.0	6.2	6.0	Yes	7.0	7	7			
03 - Third	25	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5			
03 - Third	26	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5			
03 - Third	27	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	No	7.0	7	7			
03 - Third	28	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	No	7.0	7	7			
03 - Third	29	2 Bed - 4 Person Apartment	2 Bed Unit Type D	78.3	73	No	2	4	26.0	24.4	33.1	30.0	6.2	6.0	Yes	7.0	7	7			
03 - Third	30	2 Bed - 4 Person Apartment	2 Bed Unit Type C	84.0	73	Yes	2	4	25.2	24.4	38.9	30.0	6.4	6.0	Yes	7.7	7	7			
03 - Third	31	2 Bed - 4 Person Apartment	2 Bed Unit Type C-02	80.3	73	Yes	2	4	24.6	24.4	35.7	30.0	6.6	6.0	Yes	7.7	7	7			
03 - Third	32	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5			
03 - Third	33	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5			
<b>Totals</b>	<b>11</b>			<b>776.4</b>			<b>19</b>	<b>37</b>													
04 - Fourth	34	3 Bed Apartment	3 Bed Unit Type A	109.1	90	Yes	3	5	45.3	31.5	40.1	34.0	9.5	9.0	Yes	11.1	9	9			
04 - Fourth	35	2 Bed - 4 Person Apartment	2 Bed Unit Type D	78.3	73	No	2	4	26.0	24.4	33.1	30.0	6.2	6.0	Yes	7.0	7	7			
04 - Fourth	36	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5			
04 - Fourth	37	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5			
04 - Fourth	38	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	No	7.0	7	7			
04 - Fourth	39	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	No	7.0	7	7			
04 - Fourth	40	2 Bed - 4 Person Apartment	2 Bed Unit Type D	78.3	73	No	2	4	26.0	24.4	33.1	30.0	6.2	6.0	Yes	7.0	7	7			
04 - Fourth	41	2 Bed - 4 Person Apartment	2 Bed Unit Type C	84.0	73	Yes	2	4	25.2	24.4	38.9	30.0	6.4	6.0	Yes	7.7	7	7			
04 - Fourth	42	2 Bed - 4 Person Apartment	2 Bed Unit Type C-02	80.3	73	Yes	2	4	24.6	24.4	35.7	30.0	6.6	6.0	Yes	7.7	7	7			
04 - Fourth	43	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5			
04 - Fourth	44	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5			
<b>Totals</b>	<b>11</b>			<b>776.4</b>			<b>19</b>	<b>37</b>													
<b>Totals:</b>	<b>44 Apartments</b>			<b>3105 m<sup>2</sup></b>		<b>12</b>	<b>76</b>	<b>148</b>							<b>20</b>			<b>284</b>			
<b>Percentages:</b>						<b>27%</b>															

## 5 - Appendix A - Housing Quality Assessment Schedule

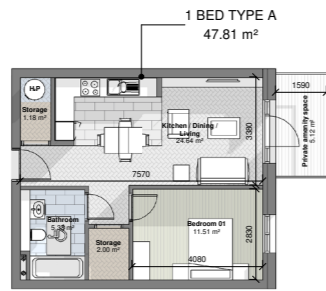
18-179 - KNOCKNACARRA DISTRICT CENTRE, RAHOON, GALWAY																			BLOCK F		
Level / Floor	Unit Number	Description	Type	Unit Size (m²)	Unit Size Required	Unit + 10%	Number of Bedrooms	Bed Spaces	Aggregate Bedroom Area (m²)	Aggregate Bedroom Area Required (m²)	Aggregate Living Area (m²)	Aggregate Living Area Required (m²)	Storage Provided in Unit (m²)	Storage Required (m²)	Dual Aspect	Private Amenity Space Provided	Private Amenity Space Required	Communal Amenity Space Required			
00 - Ground	1	1 Bed Apartment	1 Bed Unit Type B	51.2	45	Yes	1	2	11.5	11.4	24.9	23.0	3.6	3.0	No	5.0	5	5			
00 - Ground	2	1 Bed Apartment	1 Bed Unit Type B	51.2	45	Yes	1	2	11.5	11.4	24.9	23.0	3.6	3.0	No	5.0	5	5			
00 - Ground	3	1 Bed Apartment	1 Bed Unit Type B	51.2	45	Yes	1	2	11.5	11.4	24.9	23.0	3.6	3.0	No	5.0	5	5			
00 - Ground	4	1 Bed Apartment	1 Bed Unit Type B	51.2	45	Yes	1	2	11.5	11.4	24.9	23.0	3.6	3.0	No	5.0	5	5			
00 - Ground	5	2 Bed - 3 Person Apartment	2 Bed Unit Type E	67.1	63	No	2	3	23.0	20.1	30.1	28.0	5.6	5.0	No	6.1	6	6			
00 - Ground	6	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5			
00 - Ground	7	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	No	7.0	7	7			
00 - Ground	8	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	No	7.0	7	7			
<b>Totals</b>	<b>8</b>			<b>474.7</b>			<b>11</b>	<b>21</b>													
01 - First	9	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	No	7.0	7	7			
01 - First	10	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	No	7.0	7	7			
01 - First	11	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	Yes	7.0	7	7			
01 - First	12	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	Yes	7.0	7	7			
01 - First	13	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	No	7.0	7	7			
01 - First	14	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5			
01 - First	15	2 Bed - 3 Person Apartment	2 Bed Unit Type E	67.1	63	No	2	3	23.0	20.1	30.1	28.0	5.6	5.0	No	6.1	6	6			
01 - First	16	3 Bed Apartment	3 Bed Unit Type B	101.3	90	Yes	3	5	33.6	31.5	34.1	34.0	9.7	9.0	Yes	9.1	9	9			
01 - First	17	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5			
01 - First	18	2 Bed - 4 Person Apartment	2 Bed Unit Type C	84.0	73	Yes	2	4	25.2	24.4	38.9	30.0	6.4	6.0	Yes	7.7	7	7			
01 - First	19	2 Bed - 4 Person Apartment	2 Bed Unit Type C	84.0	73	Yes	2	4	25.2	24.4	38.9	30.0	6.4	6.0	Yes	7.7	7	7			
01 - First	20	2 Bed - 4 Person Apartment	2 Bed Unit Type C	84.0	73	Yes	2	4	25.2	24.4	38.9	30.0	6.4	6.0	Yes	7.7	7	7			
01 - First	21	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	Yes	7.0	7	7			
01 - First	22	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	Yes	7.0	7	7			
01 - First	23	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	Yes	5.1	5	5			
01 - First	24	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	Yes	7.0	7	7			
01 - First	25	1 Bed Apartment	1 Bed Unit Type C.1	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	Yes	5.1	5	5			
<b>Totals</b>	<b>17</b>			<b>1231.8</b>			<b>31</b>	<b>60</b>													
02 - Second	26	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	No	7.0	7	7			
02 - Second	27	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	No	7.0	7	7			
02 - Second	28	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	Yes	7.0	7	7			
02 - Second	29	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	Yes	7.0	7	7			
02 - Second	30	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	No	7.0	7	7			
02 - Second	31	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5			
02 - Second	32	2 Bed - 3 Person Apartment	2 Bed Unit Type E	67.1	63	No	2	3	23.0	20.1	30.1	28.0	5.6	5.0	No	6.1	6	6			
02 - Second	33	3 Bed Apartment	3 Bed Unit Type B	101.3	90	Yes	3	5	33.6	31.5	34.1	34.0	9.7	9.0	Yes	9.1	9	9			
02 - Second	34	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5			
02 - Second	35	2 Bed - 4 Person Apartment	2 Bed Unit Type C	84.0	73	Yes	2	4	25.2	24.4	38.9	30.0	6.4	6.0	Yes	7.7	7	7			
02 - Second	36	2 Bed - 4 Person Apartment	2 Bed Unit Type C	84.0	73	Yes	2	4	25.2	24.4	38.9	30.0	6.4	6.0	Yes	7.7	7	7			
02 - Second	37	2 Bed - 4 Person Apartment	2 Bed Unit Type C	84.0	73	Yes	2	4	25.2	24.4	38.9	30.0	6.4	6.0	Yes	7.7	7	7			
02 - Second	38	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	Yes	7.0	7	7			
02 - Second	39	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	Yes	7.0	7	7			
02 - Second	40	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	Yes	5.1	5	5			
02 - Second	41	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	Yes	7.0	7	7			
02 - Second	42	1 Bed Apartment	1 Bed Unit Type C.1	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	Yes	5.1	5	5			
<b>Totals</b>	<b>17</b>			<b>1231.8</b>			<b>31</b>	<b>60</b>													
03 - Third	43	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	No	7.0	7	7			
03 - Third	44	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	No	7.0	7	7			
03 - Third	45	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	Yes	7.0	7	7			
03 - Third	46	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	Yes	7.0	7	7			
03 - Third	47	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	No	7.0	7	7			
03 - Third	48	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5			
03 - Third	49	2 Bed - 3 Person Apartment	2 Bed Unit Type E	67.1	63	No	2	3	23.0	20.1	30.1	28.0	5.6	5.0	No	6.1	6	6			
03 - Third	50	3 Bed Apartment	3 Bed Unit Type B	101.3	90	Yes	3	5	33.6	31.5	34.1	34.0	9.7	9.0	Yes	9.1	9	9			
03 - Third	51	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5			
03 - Third	52	2 Bed - 4 Person Apartment	2 Bed Unit Type C	84.0	73	Yes	2	4	25.2	24.4	38.9	30.0	6.4	6.0	Yes	7.7	7	7			
03 - Third	53	2 Bed - 4 Person Apartment	2 Bed Unit Type C	84.0	73	Yes	2	4	25.2	24.4	38.9	30.0	6.4	6.0	Yes	7.7	7	7			
03 - Third	54	2 Bed - 4 Person Apartment	2 Bed Unit Type C	84.0	73	Yes	2	4	25.2	24.4	38.9	30.0	6.4	6.0	Yes	7.7	7	7			
03 - Third	55	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	Yes	7.0	7	7			
03 - Third	56	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	Yes	7.0	7	7			
03 - Third	57	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	Yes	5.1	5	5			
03 - Third	58	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	Yes	7.0	7	7			
03 - Third	59	1 Bed Apartment	1 Bed Unit Type C.1	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	Yes	5.1	5	5			
<b>Totals</b>	<b>17</b>			<b>1231.8</b>			<b>31</b>	<b>60</b>													

## 5 - Appendix A - Housing Quality Assessment Schedule

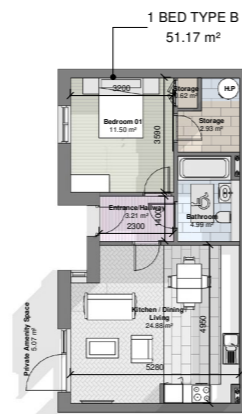
18-179 - KNOCKNACARRA DISTRICT CENTRE, RAHOON, GALWAY																		
BLOCK F																		
Level / Floor	Unit Number	Description	Type	Unit Size (m <sup>2</sup> )	Unit Size Required	Unit + 10%	Number of Bedrooms	Bed Spaces	Aggregate Bedroom Area (m <sup>2</sup> )	Aggregate Bedroom Area Required (m <sup>2</sup> )	Aggregate Living Area (m <sup>2</sup> )	Aggregate Living Area Required (m <sup>2</sup> )	Storage Provided in Unit (m <sup>2</sup> )	Storage Required (m <sup>2</sup> )	Dual Aspect	Private Amenity Space Provided	Private Amenity Space Required	Communal Amenity Space Required
04 - Fourth	60	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	No	7.0	7	7
04 - Fourth	61	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	Yes	7.0	7	7
04 - Fourth	62	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	Yes	7.0	7	7
04 - Fourth	63	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5
04 - Fourth	64	2 Bed - 3 Person Apartment	2 Bed Unit Type E	67.1	63	No	2	3	23.0	20.1	30.1	28.0	5.6	5.0	No	6.1	6	6
04 - Fourth	65	3 Bed Apartment	3 Bed Unit Type B	101.3	90	Yes	3	5	33.6	31.5	34.1	34.0	9.7	9.0	Yes	9.1	9	9
04 - Fourth	66	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5
04 - Fourth	67	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	Yes	7.0	7	7
04 - Fourth	68	1 Bed Apartment	1 Bed Unit Type A.1	49.5	45	Yes	1	2	12.3	11.4	24.6	23.0	3.5	3.0	Yes	5.1	5	5
<b>Totals</b>	<b>9</b>			<b>623.7</b>			<b>16</b>	<b>30</b>										
05 - Fifth	69	3 Bed Apartment	3 Bed Unit Type B	101.3	90	Yes	3	5	33.6	31.5	34.1	34.0	9.7	9.0	Yes	9.1	9	9
05 - Fifth	70	1 Bed Apartment	1 Bed Unit Type A	47.8	45	No	1	2	11.5	11.4	24.6	23.0	3.2	3.0	No	5.1	5	5
05 - Fifth	71	2 Bed - 4 Person Apartment	2 Bed Unit Type A	77.5	73	No	2	4	25.6	24.4	32.5	30.0	6.3	6.0	Yes	7.0	7	7
05 - Fifth	72	1 Bed Apartment	1 Bed Unit Type A.1	49.5	45	Yes	1	2	12.3	11.4	24.6	23.0	3.5	3.0	Yes	5.1	5	5
<b>Totals</b>	<b>4</b>			<b>276.1</b>			<b>7</b>	<b>13</b>										
<b>Totals:</b>	<b>72 Apartments</b>			<b>5070 m<sup>2</sup></b>		<b>20</b>	<b>127</b>	<b>244</b>							<b>41</b>			<b>465</b>
<b>Percentages:</b>						<b>28%</b>												



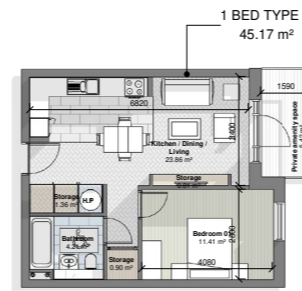
# 6 - Appendix B - Apartment Typology Drawings



1 BEDROOM APARTMENT TYPE A  
1 : 100



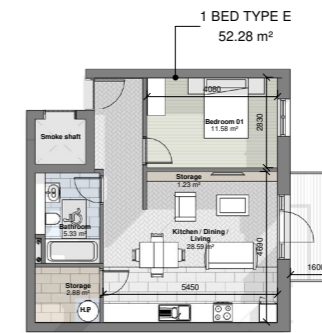
1 BEDROOM APARTMENT TYPE B  
1 : 100



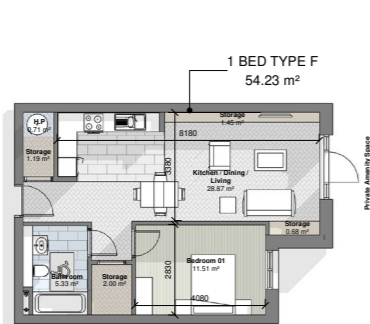
1 BEDROOM APARTMENT TYPE C  
1 : 100



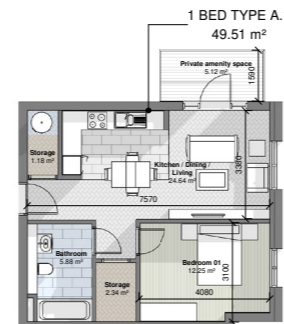
1 BEDROOM APARTMENT TYPE D  
1 : 100



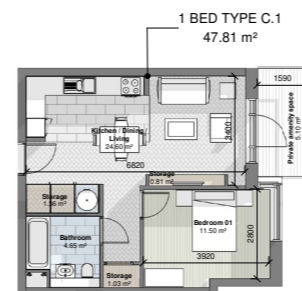
1 BEDROOM APARTMENT TYPE E  
1 : 100



1 BEDROOM APARTMENT TYPE F  
1 : 100

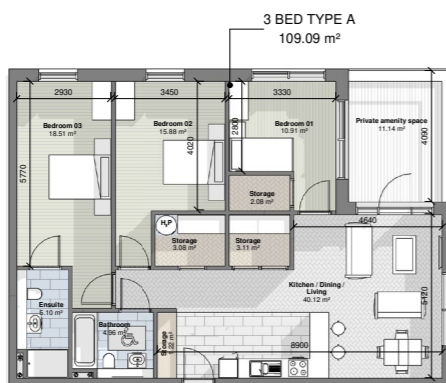


1 BEDROOM APARTMENT TYPE A.1  
1 : 100

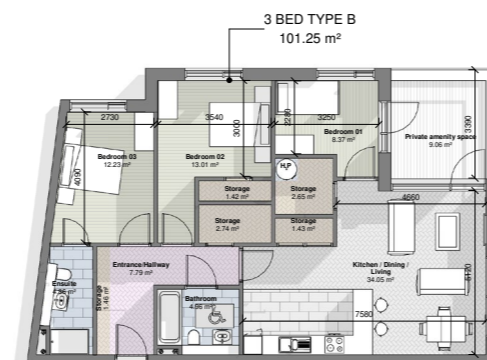


1 BEDROOM APARTMENT TYPE C.1  
1 : 100

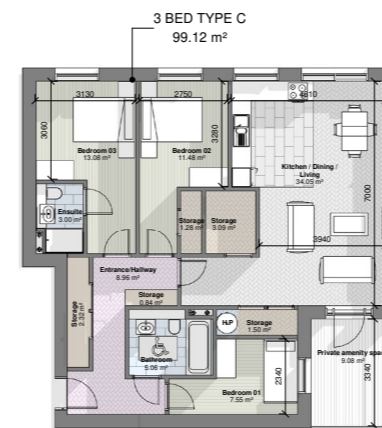
## 1 BED APARTMENT TYPOLOGIES



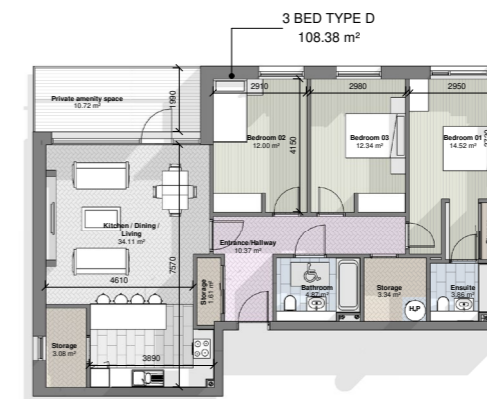
3 BEDROOM APARTMENT TYPE A  
1 : 100



3 BEDROOM APARTMENT TYPE B  
1 : 100



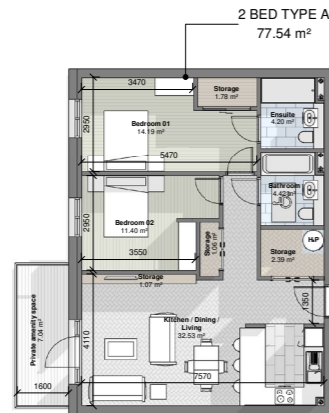
3 BEDROOM APARTMENT TYPE C  
1 : 100



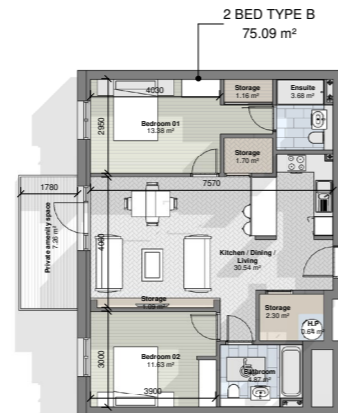
3 BEDROOM APARTMENT TYPE D  
1 : 100

## 3 BED APARTMENT TYPOLOGIES

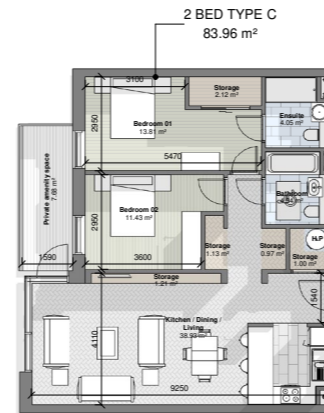
# 6 - Appendix B - Apartment Typology Drawings



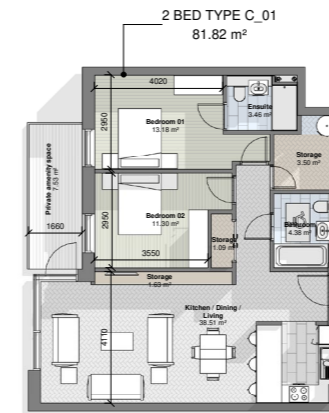
2 BEDROOM APARTMENT TYPE A  
1 : 100



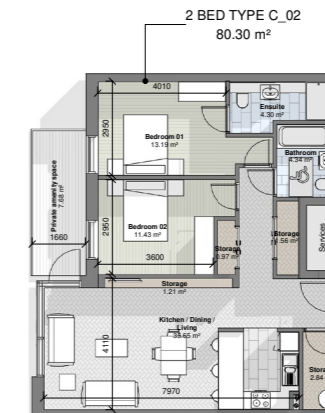
2 BEDROOM APARTMENT TYPE B  
1 : 100



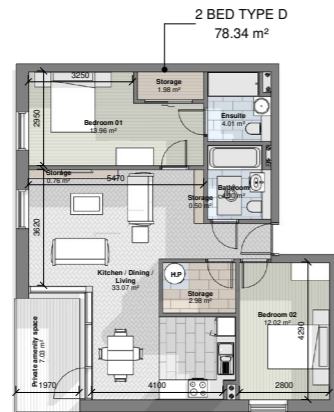
2 BEDROOM APARTMENT TYPE C  
1 : 100



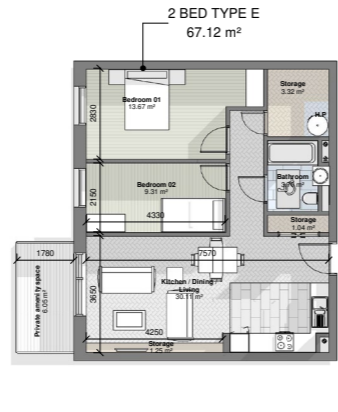
2 BEDROOM APARTMENT TYPE C\_01  
1 : 100



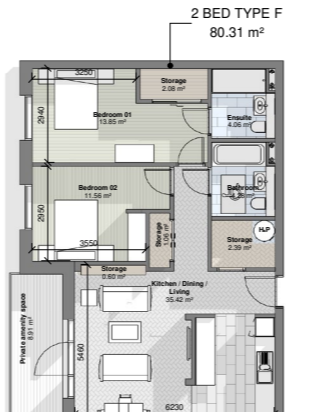
2 BEDROOM APARTMENT TYPE C\_02  
1 : 100



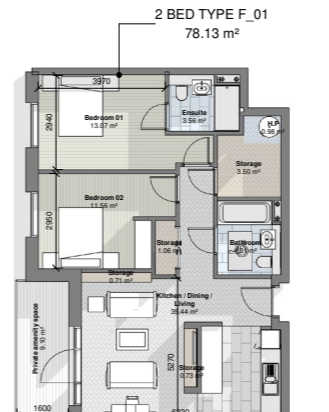
2 BEDROOM APARTMENT TYPE D  
1 : 100



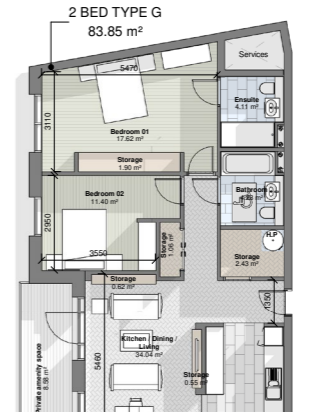
2 BEDROOM APARTMENT TYPE E  
1 : 100



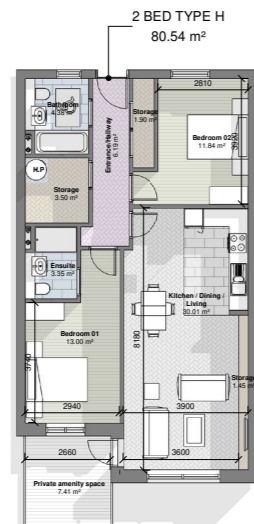
2 BEDROOM APARTMENT TYPE F  
1 : 100



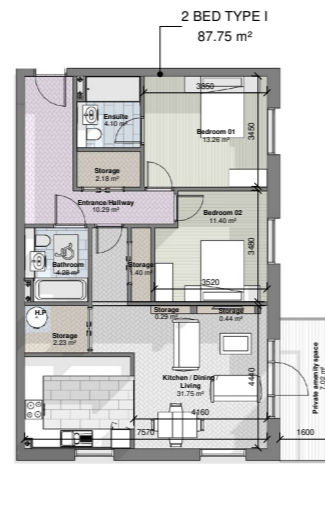
2 BEDROOM APARTMENT TYPE F\_01  
1 : 100



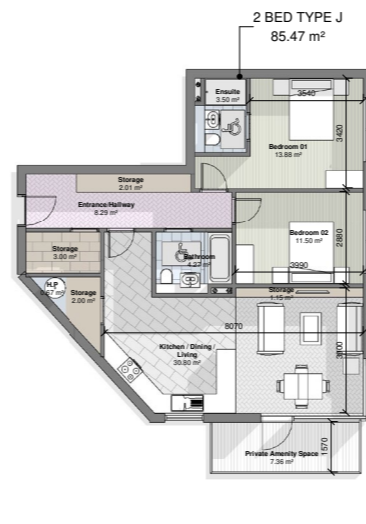
2 BEDROOM APARTMENT TYPE G  
1 : 100



2 BEDROOM APARTMENT TYPE H  
1 : 100



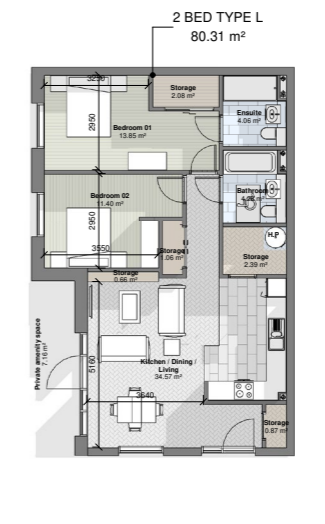
2 BEDROOM APARTMENT TYPE I  
1 : 100



2 BEDROOM APARTMENT TYPE J  
1 : 100



2 BEDROOM APARTMENT TYPE K  
1 : 100



2 BEDROOM APARTMENT TYPE L  
1 : 100

## 2 BED APARTMENT TYPOLOGIES