

Tapu & Noa:

Interpretation

Interpreting Ngā Paerewa Hoahoa
Whare: Table 2.1-2 Tapu & Noa Planning
Matrix

Presented By:

s 9(2)(a)

s 9(2)(a)

Senior Architect
Principal Architect

17/08/2023

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Hui Summary

The ADMO are currently working alongside Kāinga Ora delivery teams providing advice on how to accommodate Ngā Paerewa Design Requirements into the design of our standard and bespoke house designs, in particular the requirements relating to Tapu & Noa. Our current suite of standard plans are not aligned with these requirements and the way in which designers respond is varied. So, to ensure we have a common understanding, the ADMO has reviewed previous design standards, past advice alongside the current standard and overlaid that on to our current suite of plans, and collated that into one document for discussion today.

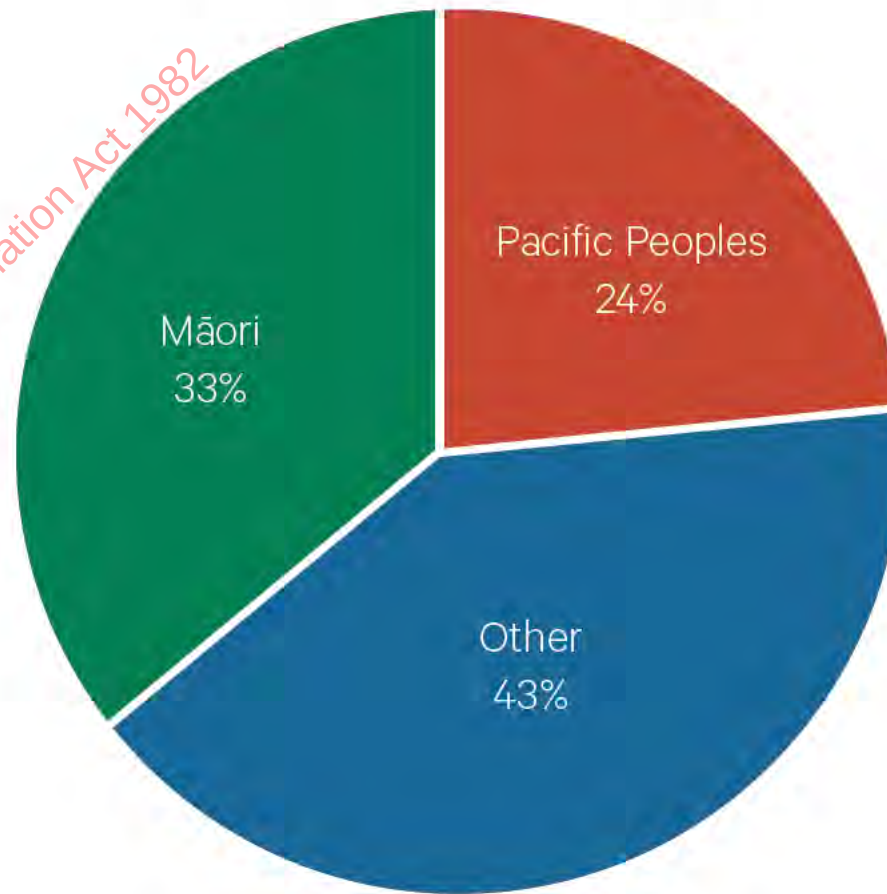
The ADMO will need to provide advice back to the business and to external suppliers further clarifying cultural expectations around Tapu & Noa.

Context

Our housing should reflect the needs of those that reside within.

Māori and **Pacific** peoples collectively make up **57% of Kāinga Ora tenants**.

Kāinga Ora Tenant Demographics

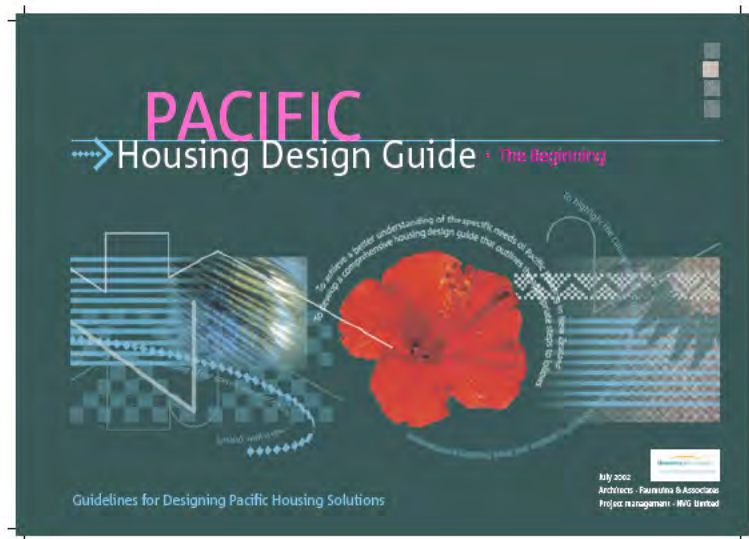


*Retrieved from IDP as at month end date 31st July 2023

Cultural Design Guideline Development

2002

HNZ Pacific Housing Design Guide



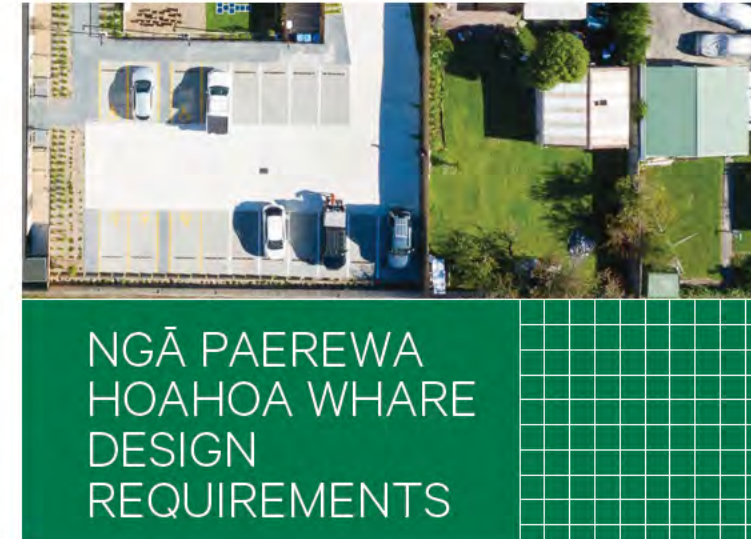
2002

HNZ New Perspectives on Māori Housing Solutions



2023

Ngā Paerewa Hoahoa Whare



2017

Context Standard Plans
Input by Rau Hoskins

2018

Commentary by Rau Hoskins & Jade Kake

2020

Elemental Typology Suite
Input by Rau Hoskins

HNZ New Perspectives on Māori Housing Solutions 2002:

Outlines preferred spatial
relationships 'in context' of single
level family home

Social / Private Zones (Manuhiri &
Tamariki)

Detailed Matrix of Relationships
(Desirable - Neutral - Conflict)

Tapu & Noa:

- Food separate from wc -
bathroom - laundry
- Separation between wc -
bathroom - laundry
- Apply 'discretion' when planning
'line of sight'
- Kitchen needs separation for
Tangi

HNZ New Perspectives on Māori Housing Solutions 2002

	MAIN ENTRY	LAUNDRY	TOILET	BATHROOM	LIVING RM	DINING RM	KITCHEN
BEDROOM	✗	~	~	~	~	✗	✗
KITCHEN	~	✗	✗	✗	✓	✓	
DINING RM	~	✗	✗	✗	✓		
LIVING RM	✓	✗	✗	✗			
BATHROOM	✗	~	✗				
TOILET	✗	✗					
LAUNDRY	✗						



HNZ Pacific Housing Design Guide 2002:

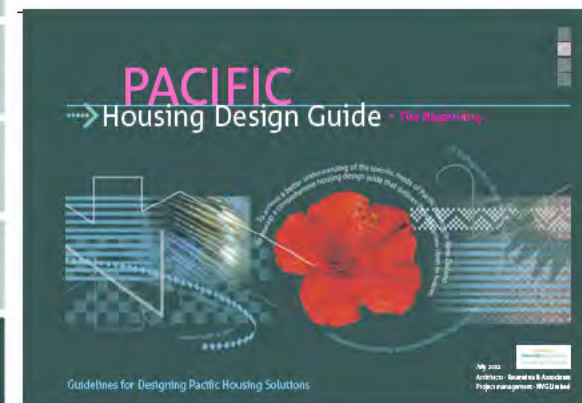
Similar in principle to typology, spatial relationships and context in Ki te Hau Kainga.

- Ability to separate open plan K-D-L (formal/informal)
- Demands of large families dictate separate bathroom and toilet facilities - min 2 for family homes
- Separate laundry

Matrix less detailed in space type

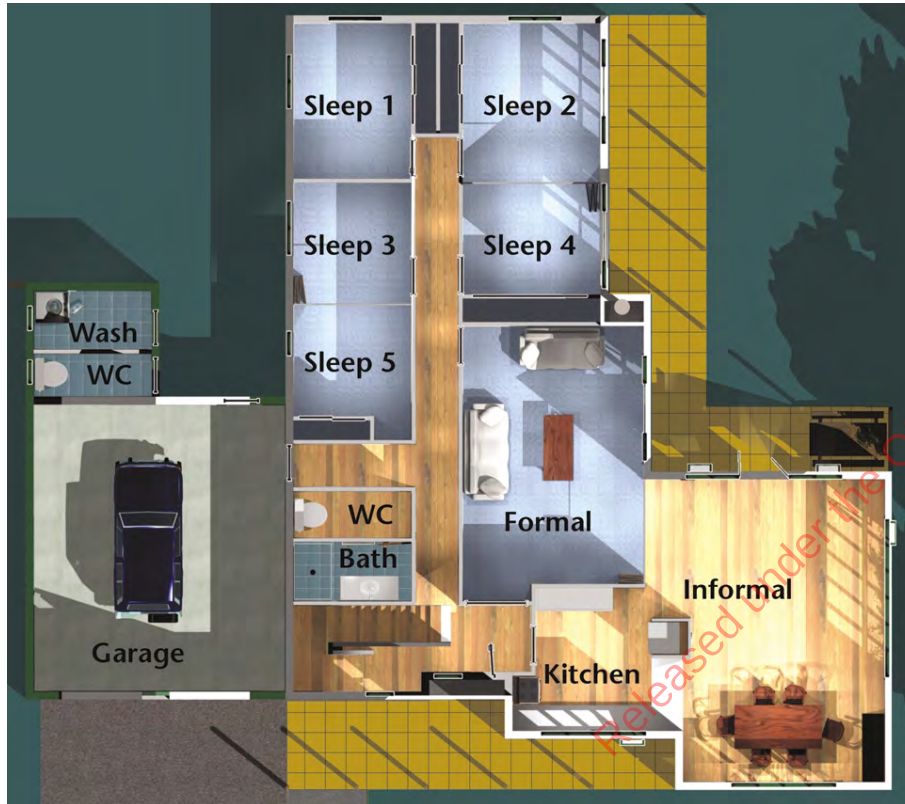
HNZ Pacific Housing Design Guide 2002

	Main Entry	Formal	Informal	Utility	Cooking	Personal	Sleeping	Outdoor
Main Entry		✓	•	•	✗	✗	✗	•
Formal	✓		✓	✗	✗	✗	✗	✓
Informal	•	✓		•	✓	✗	•	✓
Utility	•	✗	•		•	•	•	•
Cooking	✗	✗	✓	•		✗	✗	•
Personal	✗	✗	✗	•	✗		•	✗
Sleeping	✗	✗	•	•	✗	•		•
Outdoor	•	✓	✓	•	•	✗	•	



Example Typology

Spatial Diagram



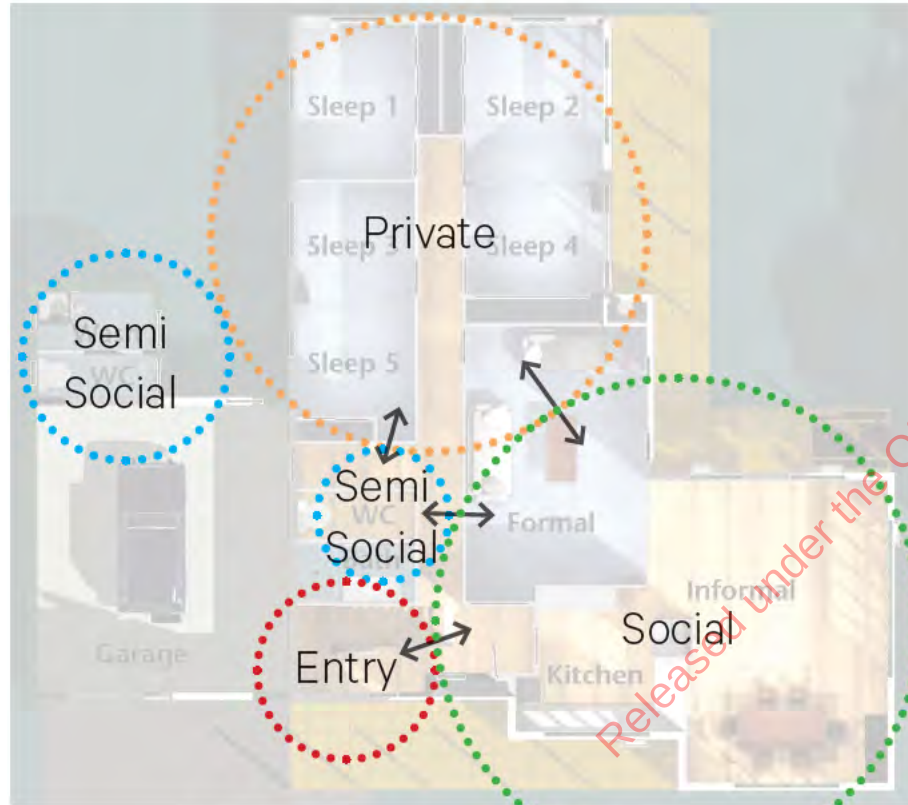
Pacific Housing Design Guide. July 2002. Pg. 16.



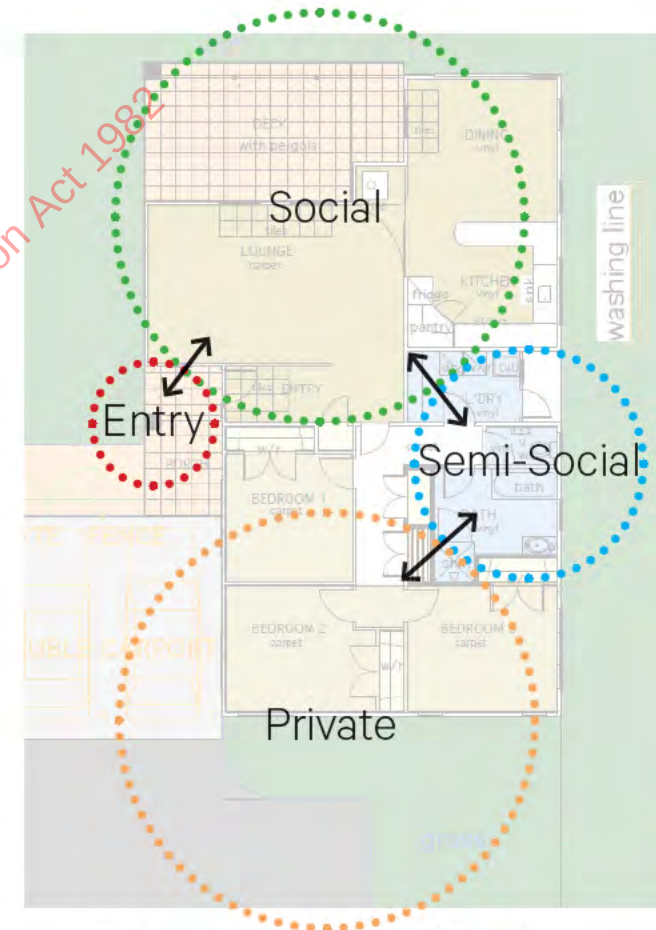
Ki te Hau Kāinga. August 2002. Pg. 20.

Example Typology

Spatial Diagram



Pacific Housing Design Guide. July 2002. Pg. 16



Ki te Hau Kāinga. August 2002. Pg. 20.

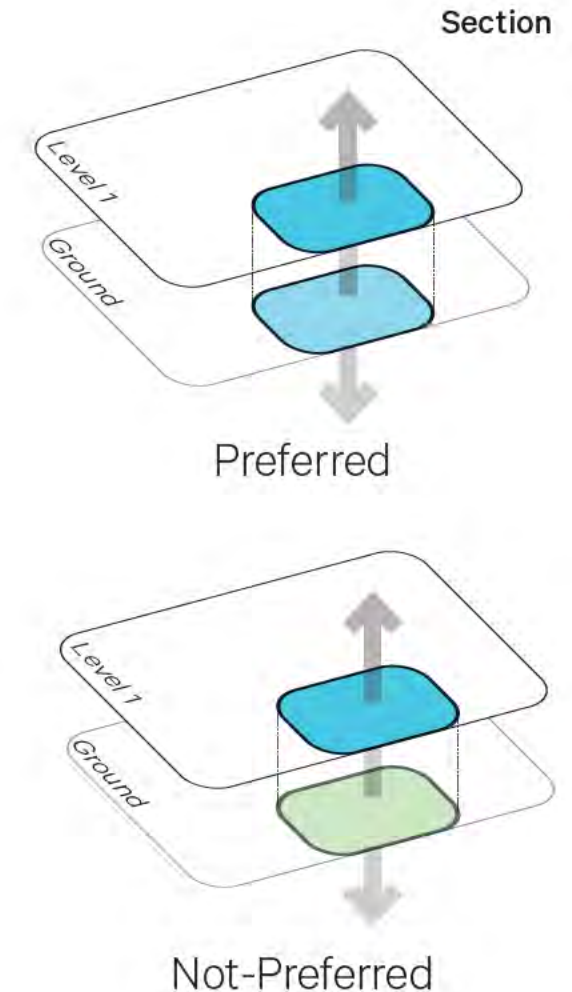
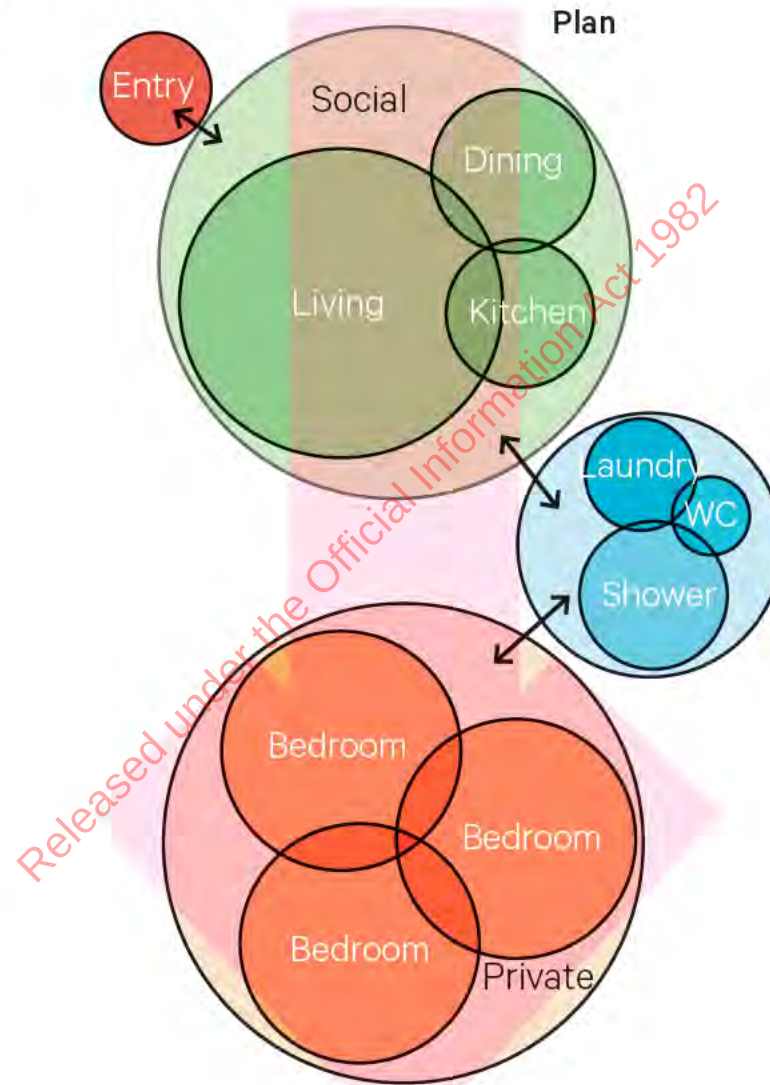
Preferred Spatial Relationships

Additional Commentary (Rau Hoskins, 2018)

- Like spaces aligned vertically (bathrooms not over dining, kitchens not over bedrooms)
- Use of lobbies allow closer connection between Tapu & Noa
- Keep tamariki safe through private and social spaces (access to WCs for visitors)

General Points Cultural Guidelines:

- For family homes, assumed 3+ beds
- Common definitions of social / private spaces
- Size can drive desire to separate some spaces (bathrooms & social spaces)
- Min 2 wc's (aligns with current design standards)
- Relatively silent on small homes 1-2 bedrooms, other than kaumātua who visit or live within



Ngā Paerewa Hoahoa Whare 2023

- Outlines the context for spatial relationships **for all typologies** (single level, 2 level, 3 level walk-ups and apartments)
- **Physical & visible** separation required between bathroom/WC/laundry & kitchen/dining/living
 - Separate WC
- Quiet on the context described in previous guidelines

B2.1 PRIVATE SPACE: PROVISION AND CONFIGURATION CONTINUED

PERFORMANCE REQUIREMENT

ACCEPTABLE SOLUTION

B2.1.2

Privacy and Māori cultural practices are facilitated and maintained through the organisation of internal spaces.

A. Physical and visual separation is provided between:

- bathroom, toilet and laundry facilities and living, dining, kitchen and bedrooms
- bedrooms and kitchen.

Guidance

Certain household functions are kept separate from others in order to preserve their tapu (sacred/prohibited) or noa (common/profane) nature. For example, all food-related facilities must be separate from bathrooms, toilets and laundries. For further guidance, see Table B2.1-2 and refer to **Ki te Hau Kāinga: New Perspectives on Māori Housing Solutions**.

TABLE B2.1-2: TAPU AND NOA PLANNING MATRIX

	Main entry	Laundry	Toilet	Bathroom	Living	Dining	Kitchen
Bedroom	×	~	~	~	~	×	×
Kitchen	~	×	×	×	✓	✓	
Dining	~	×	×	×	✓		
Living	✓	×	×	×			
Bathroom	×	~	×				
Toilet	×	×					
Laundry	×						

~ Neutral

× Conflict

✓ Desirable

Ngā Paerewa Hoahoa Whare 2023

Clarified by QHAT
Advisory Note #2

- Outlines number of WC's for home types based on bed numbers
- All sanitary fittings combined into bathrooms (toilet, shower, bath, basin)

TABLE B2.4-3: MINIMUM REQUIREMENTS FOR BATHROOM AND TOILET FITTINGS AND FIXTURES¹

	DWELLING SIZE (BY BEDROOM NUMBER)					
	1-2	3		4+		
	BATHROOM 1	BATHROOM 1	SEPARATE TOILET	BATHROOM 1	BATHROOM 2	SEPARATE TOILET
Toilet and toilet-roll holder	✓	See note 2	✓	✓	✓	✓
Shower	✓	✓		✓	✓	
Bath		✓		✓		
Vanity	✓	✓		✓	✓	
Medicine cabinet and mirror	✓	✓		✓	✓	
Towel rail(s)	✓	✓		✓	✓	
Hand basin			✓			✓
Towel ring			✓			✓
Mirror			✓			✓

Notes

1. Full Universal Design and accessible dwellings may have additional requirements. Refer to Appendix B.
- * 2. Multi-storey homes with 3 or more bedrooms must include one toilet per floor.
3. Showers must be located on the same level as the majority of bedrooms.
4. In multi-storey homes, the bath should be located with the majority of bedrooms.

Matrix Implications

Cultural Design Guideline Criteria

1. Adequate delineation of social & private spaces
2. Adequate degree of discretion of utility spaces
3. Appropriate separation of tapu & noa
4. Appropriate number & distribution of sanitary fixtures

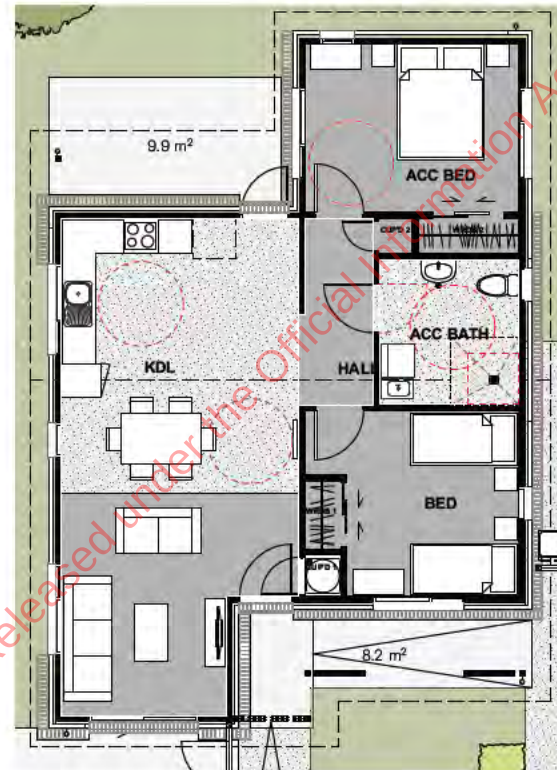


HDS Standard Plan Suite

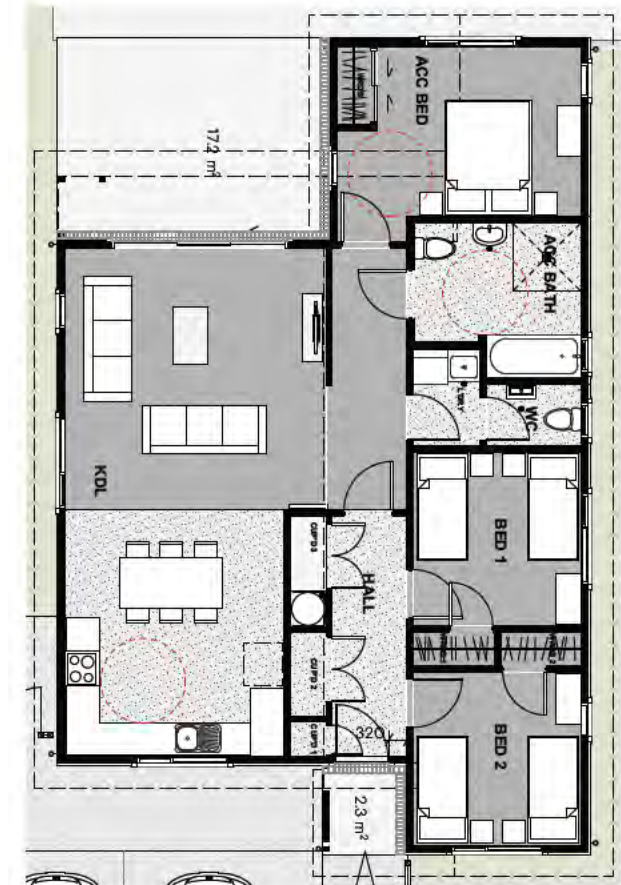
One Storey



1 Bedroom Unit



2 Bedroom Unit



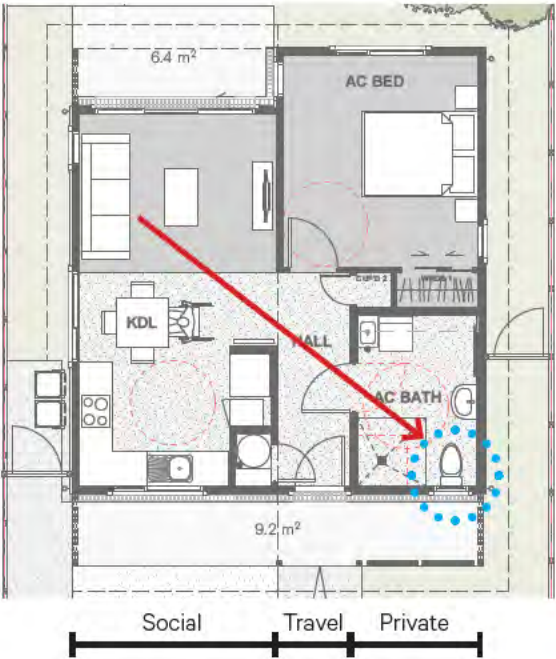
3 Bedroom Unit

HDS Standard Plan Suite

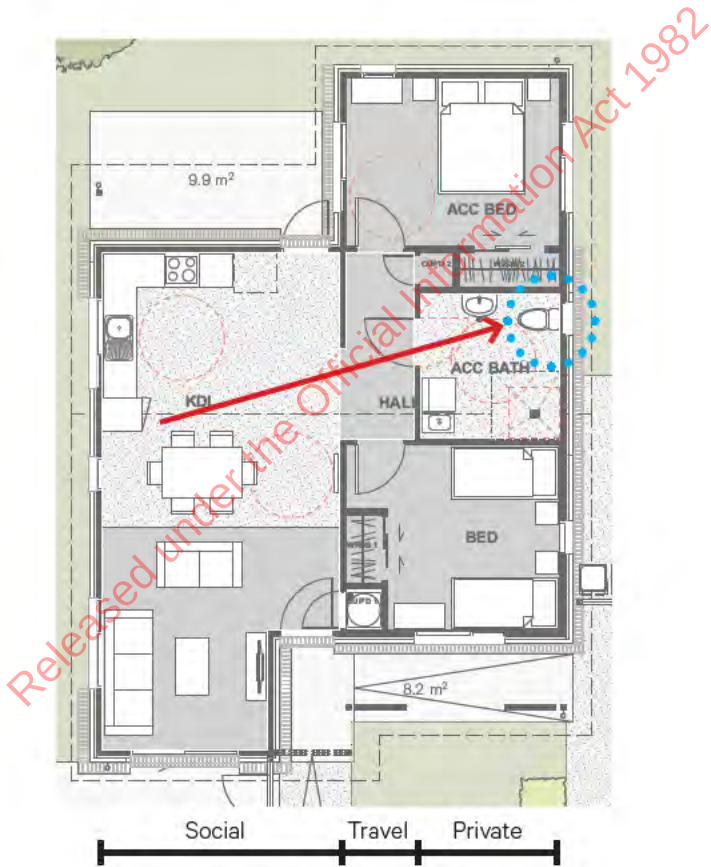
One Storey - Analysis

→ Sightlines

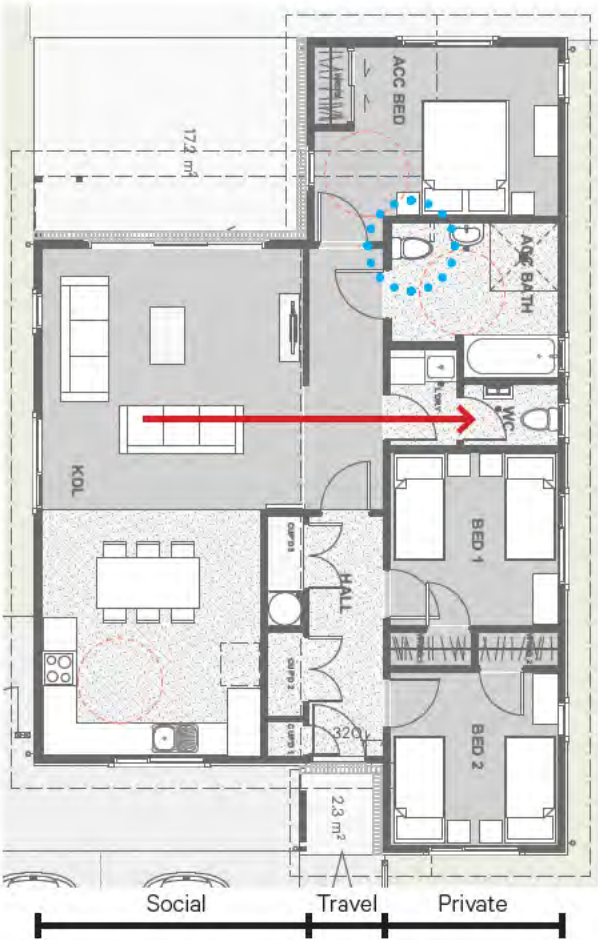
○ Combined WC



1 Bedroom Unit



2 Bedroom Unit



3 Bedroom Unit

HDS Standard Plan Suite

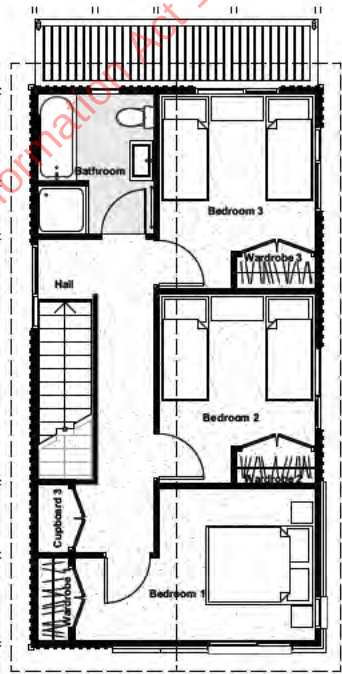
Two Storey



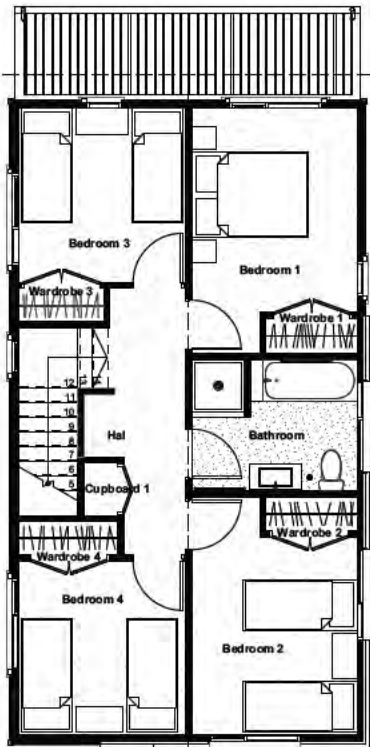
2 Bedroom Unit
Ground Floor



3 & 4 Bedroom Unit
Ground Floor



3 Bedroom Unit
Level 1



4 Bedroom Unit
Level 1

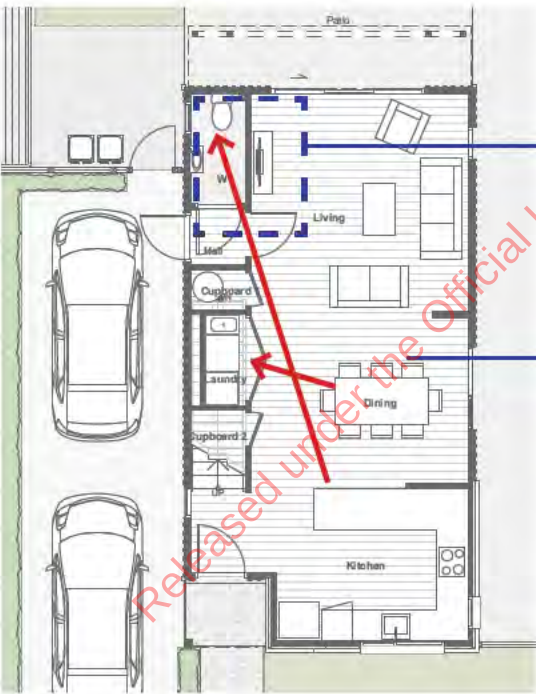
HDS Standard Plan Suite

Two Storey - Analysis

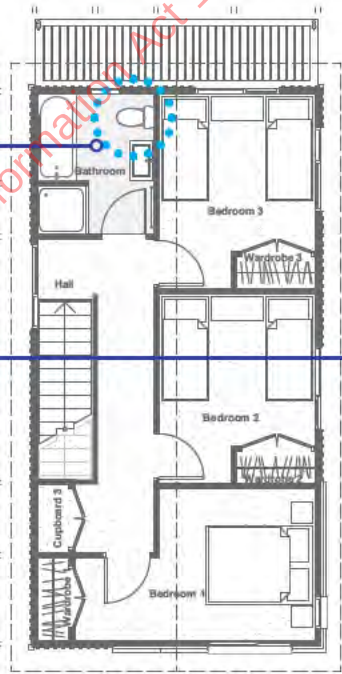
- Sightlines
- Combined WC
- - - Toilets Above



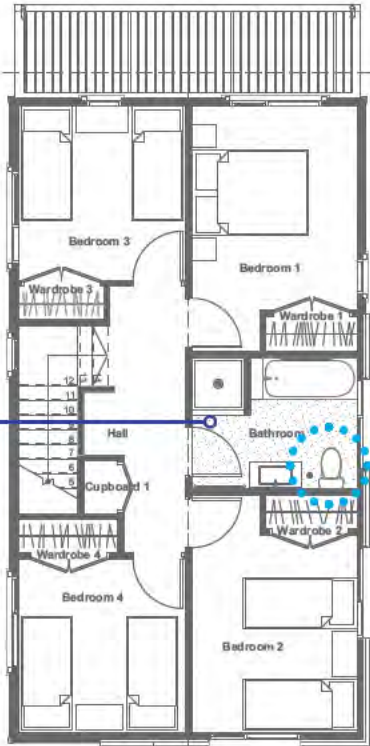
2 Bedroom Unit
Ground Floor



3 & 4 Bedroom Unit
Ground Floor



3 Bedroom Unit
Level 1



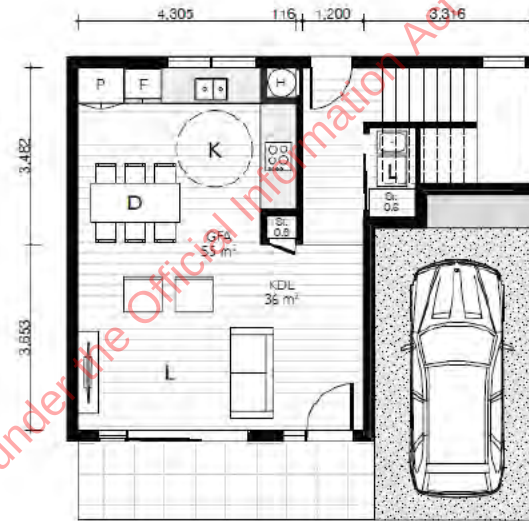
4 Bedroom Unit
Level 1

Plan Alternatives

Acquisitions / OSM / WIP - 1 & 2 Bedroom



1 Bedroom Unit



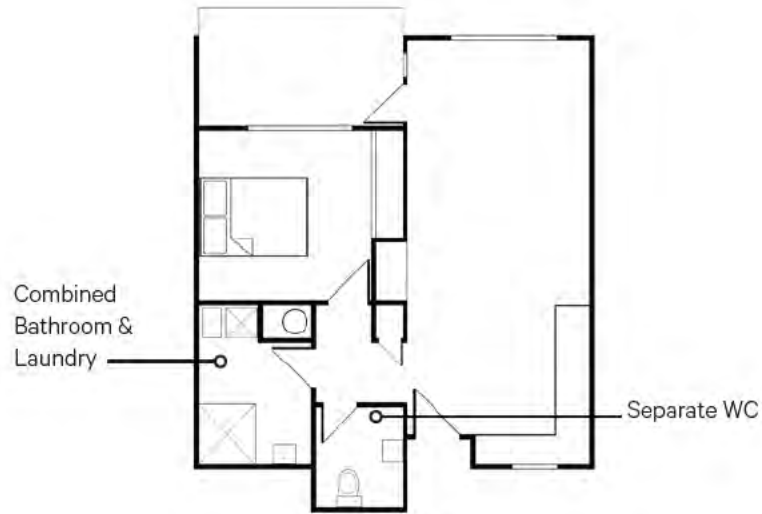
2 Bedroom Unit
Ground Floor



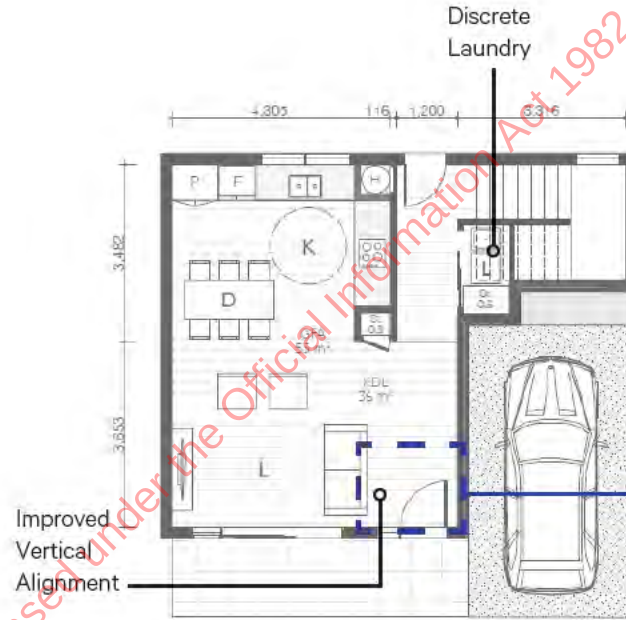
2 Bedroom Unit
Level 1

Plan Alternatives

Acquisitions / OSM / WIP - 1 & 2 Bedroom - **Analysis**



1 Bedroom Unit



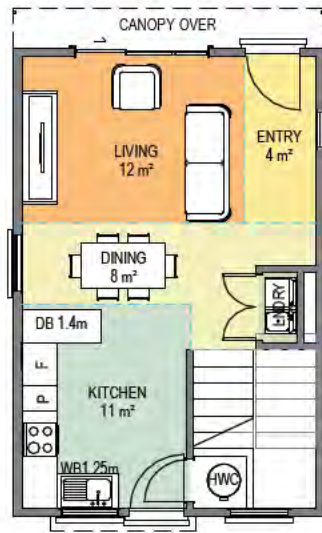
2 Bedroom Unit
Ground Floor



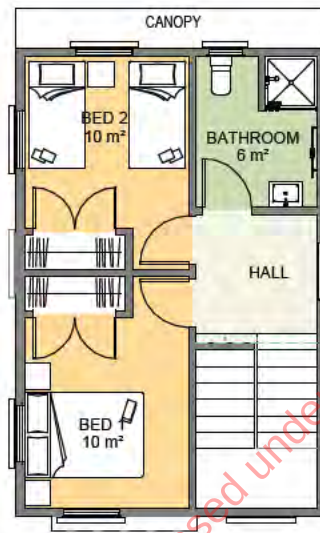
2 Bedroom Unit
Level 1

Plan Alternatives

Acquisitions / OSM / WIP - 2 Bedroom



2 Bedroom Unit
Ground Floor



2 Bedroom Unit
Level 1



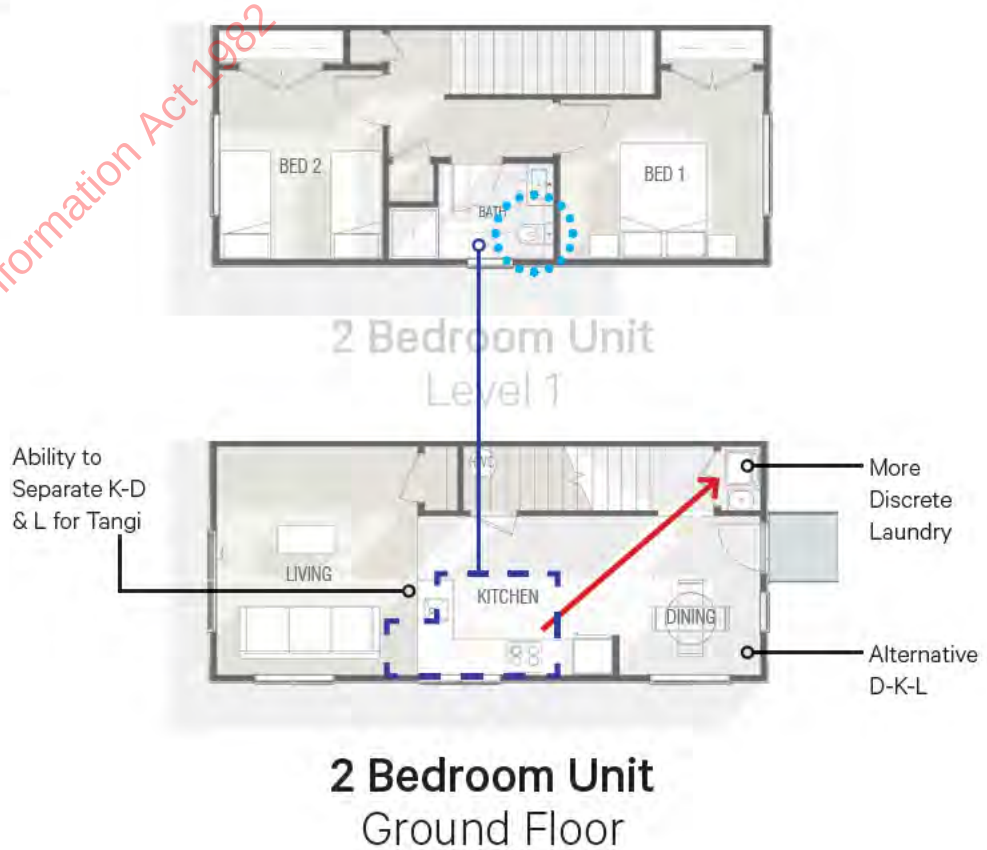
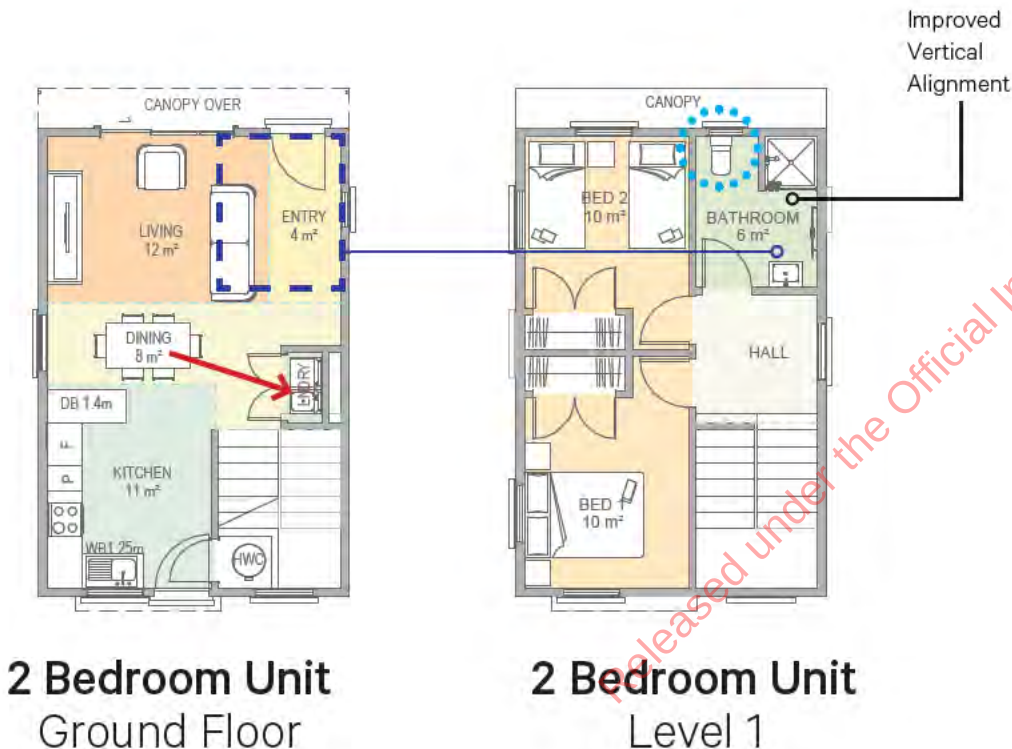
2 Bedroom Unit
Level 1

2 Bedroom Unit
Ground Floor

Plan Alternatives

Acquisitions / OSM / WIP - 2 Bedroom - **Analysis**

- Sightlines
- Combined WC
- - - Toilets Above



Plan Alternatives

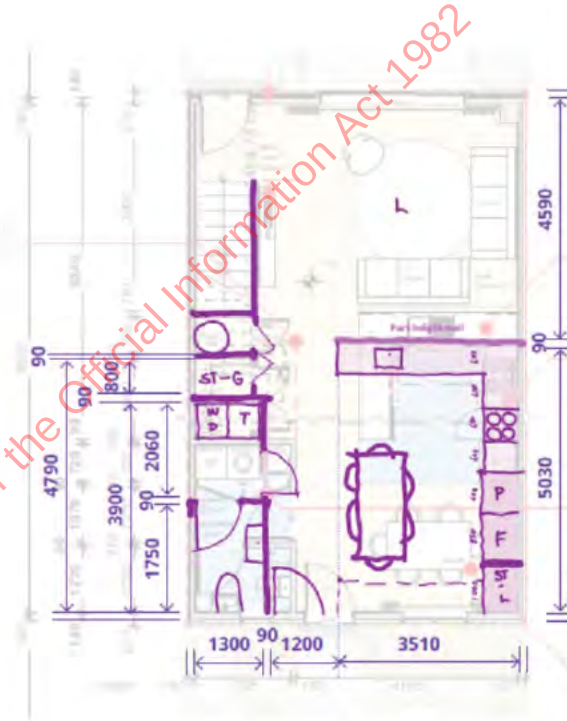
Acquisitions / OSM / WIP - 3 Bedroom



3 Bedroom Unit
Ground Floor



3 Bedroom Unit
Ground Floor

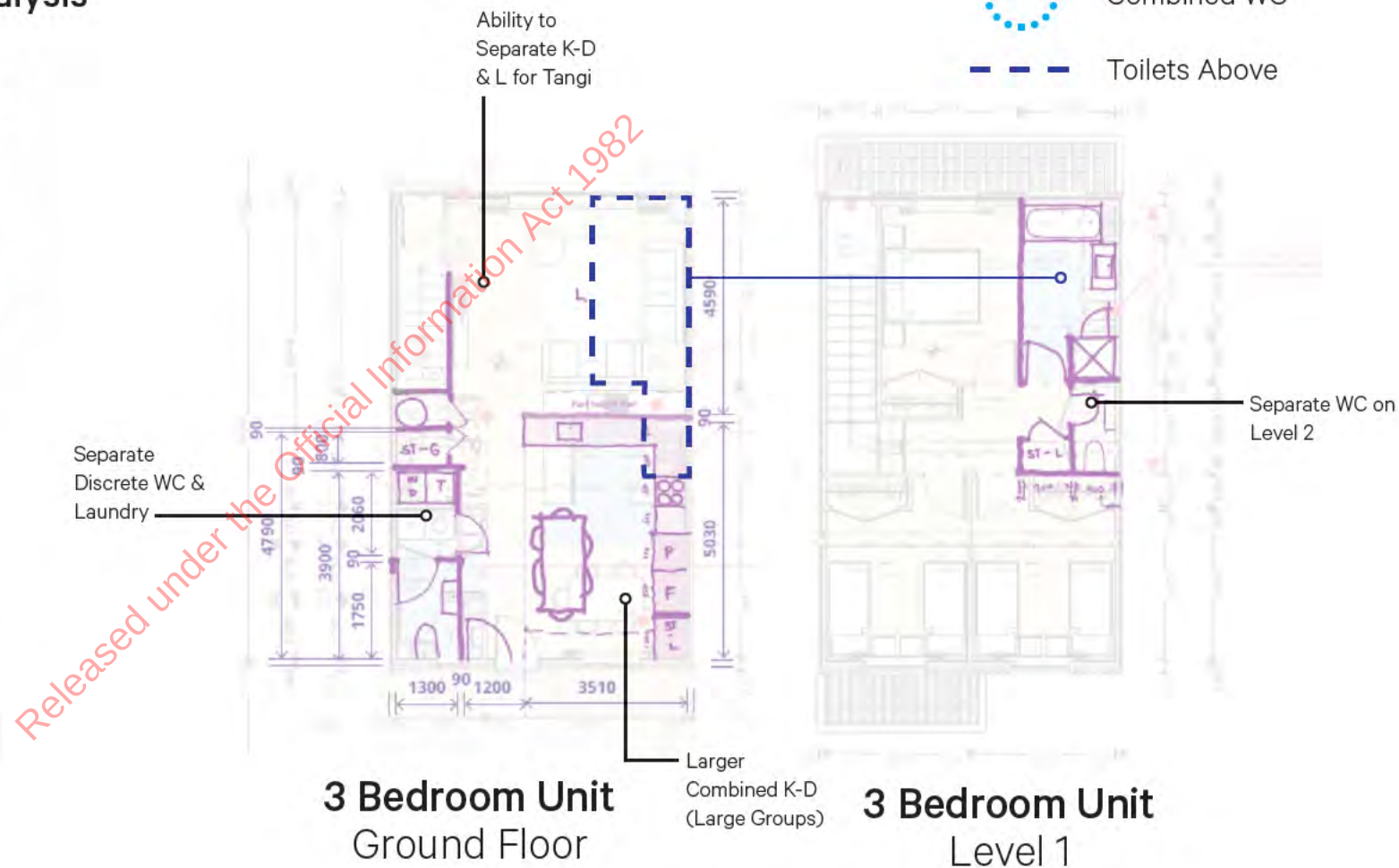


3 Bedroom Unit
Ground Floor



3 Bedroom Unit
Level 1

Acquisitions / OSM / WIP - 3 Bedroom - Analysis

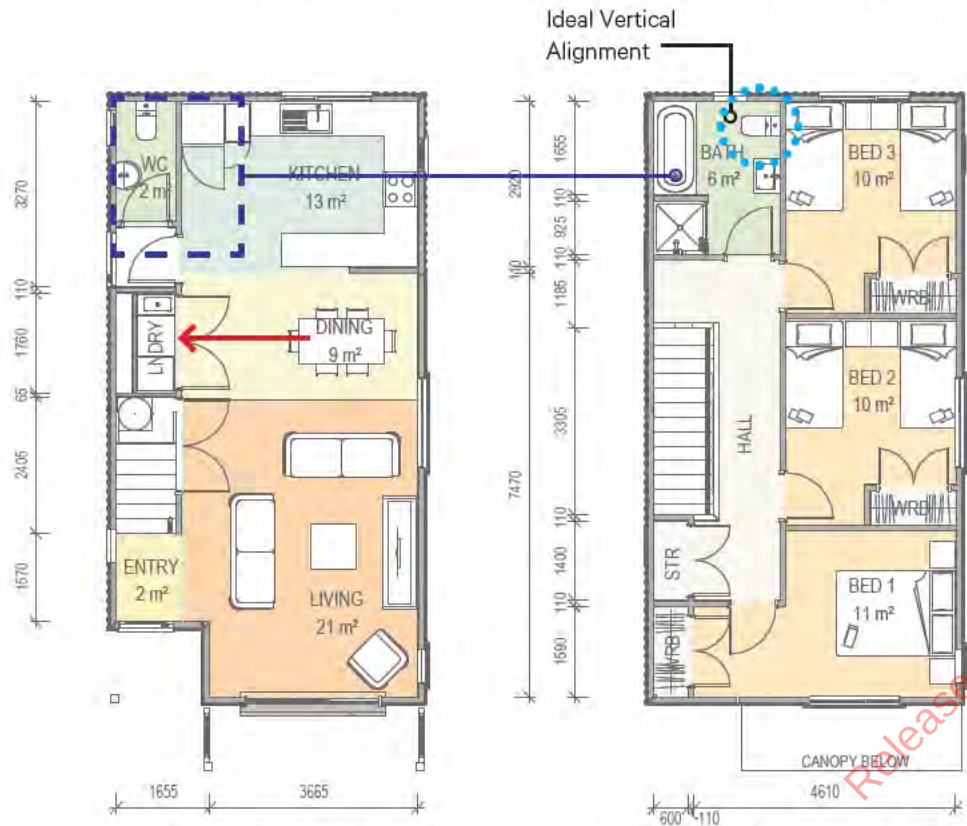


Acquisitions / OSM / WIP - 3 Bedroom



Plan Alternatives

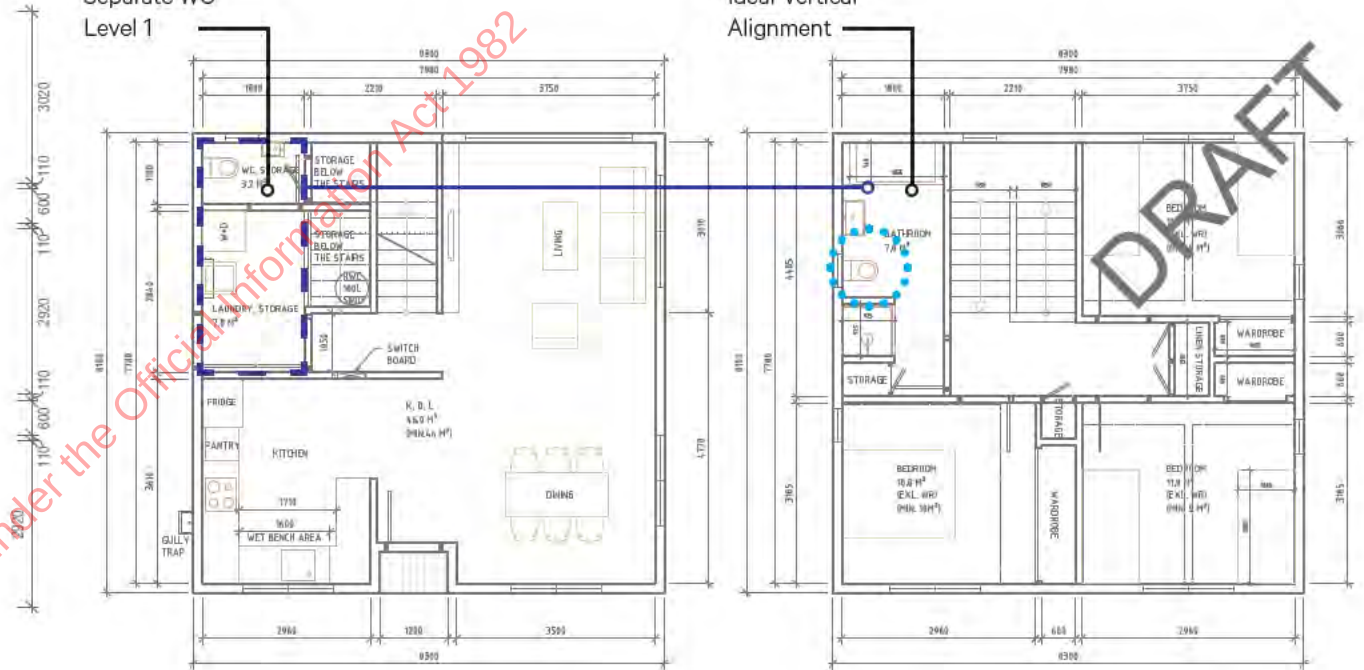
Acquisitions / OSM / WIP - 3 Bedroom - **Analysis**



3 Bedroom Unit
Ground Floor

3 Bedroom Unit
Level 1

Separate WC
Level 1



3 Bedroom Unit
Ground Floor

3 Bedroom Unit
Level 1

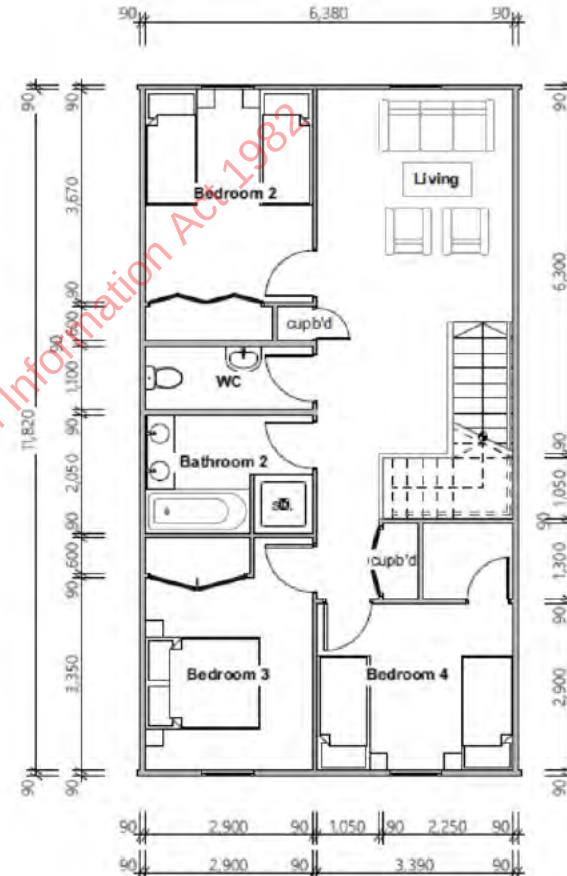
- Sightlines
- Combined WC
- Toilets Above

Plan Alternatives

Acquisitions / OSM / WIP - 4 Bedroom Terrace



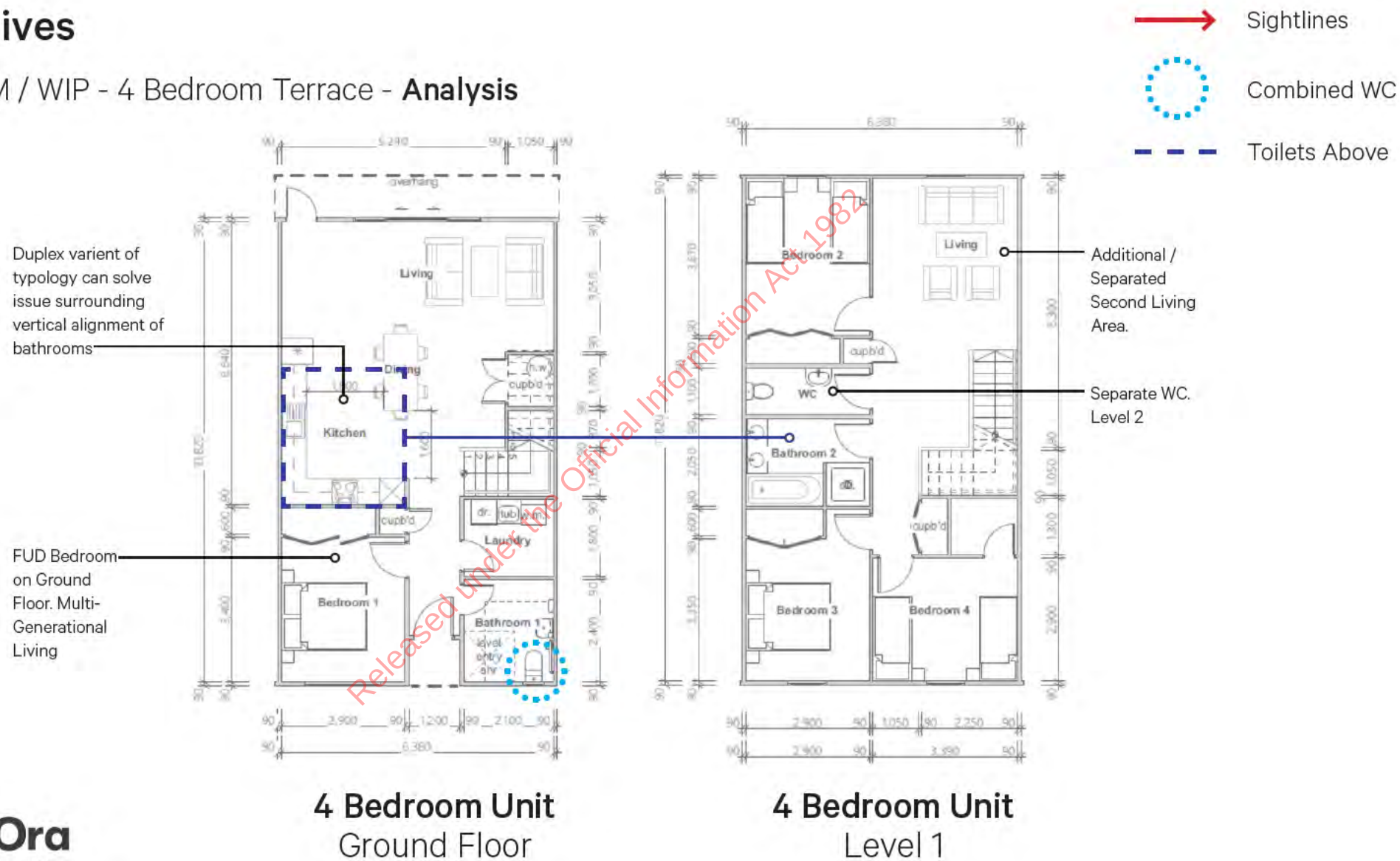
4 Bedroom Unit
Ground Floor



4 Bedroom Unit
Level 1

Plan Alternatives

Acquisitions / OSM / WIP - 4 Bedroom Terrace - **Analysis**



Accessible Bathrooms

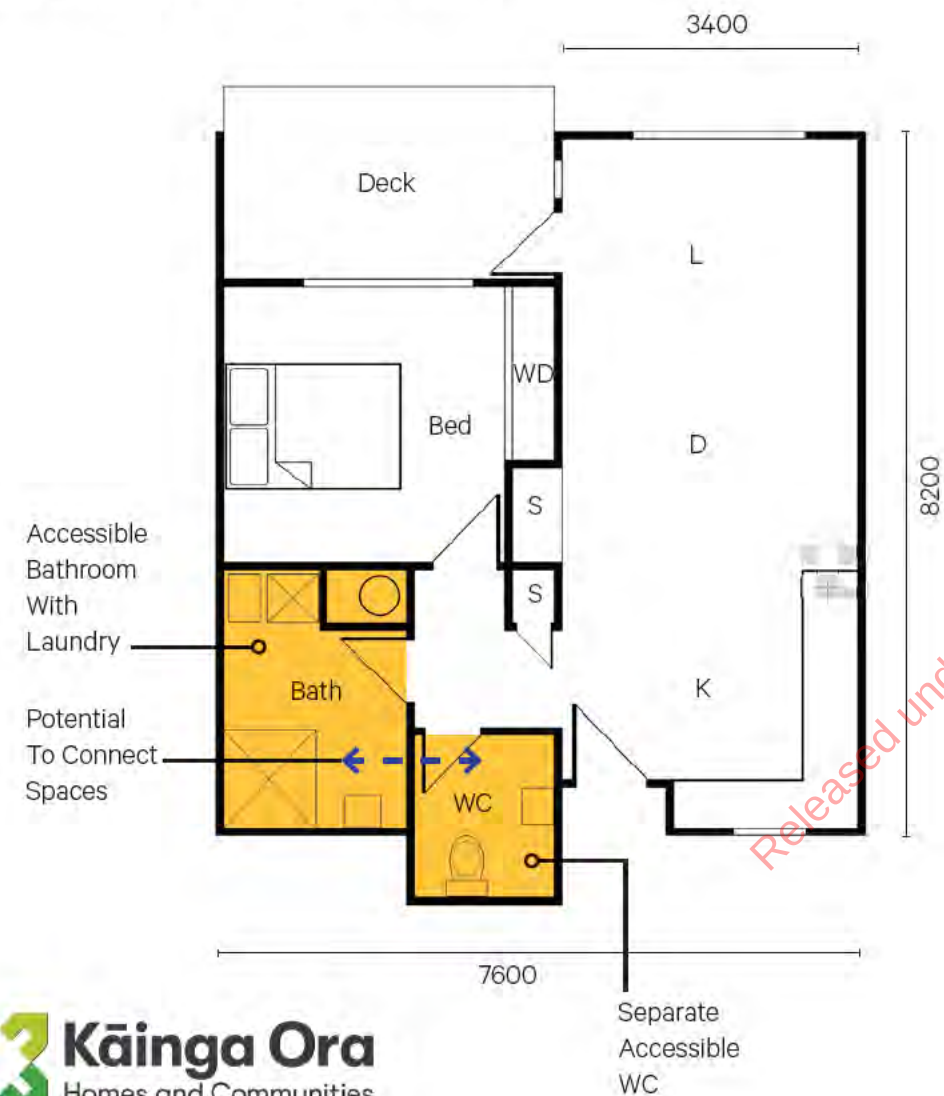
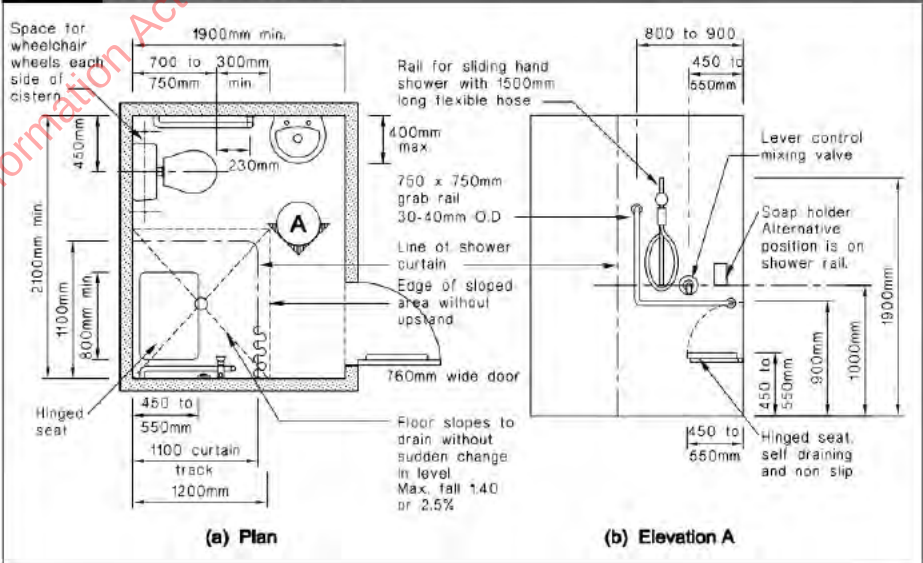
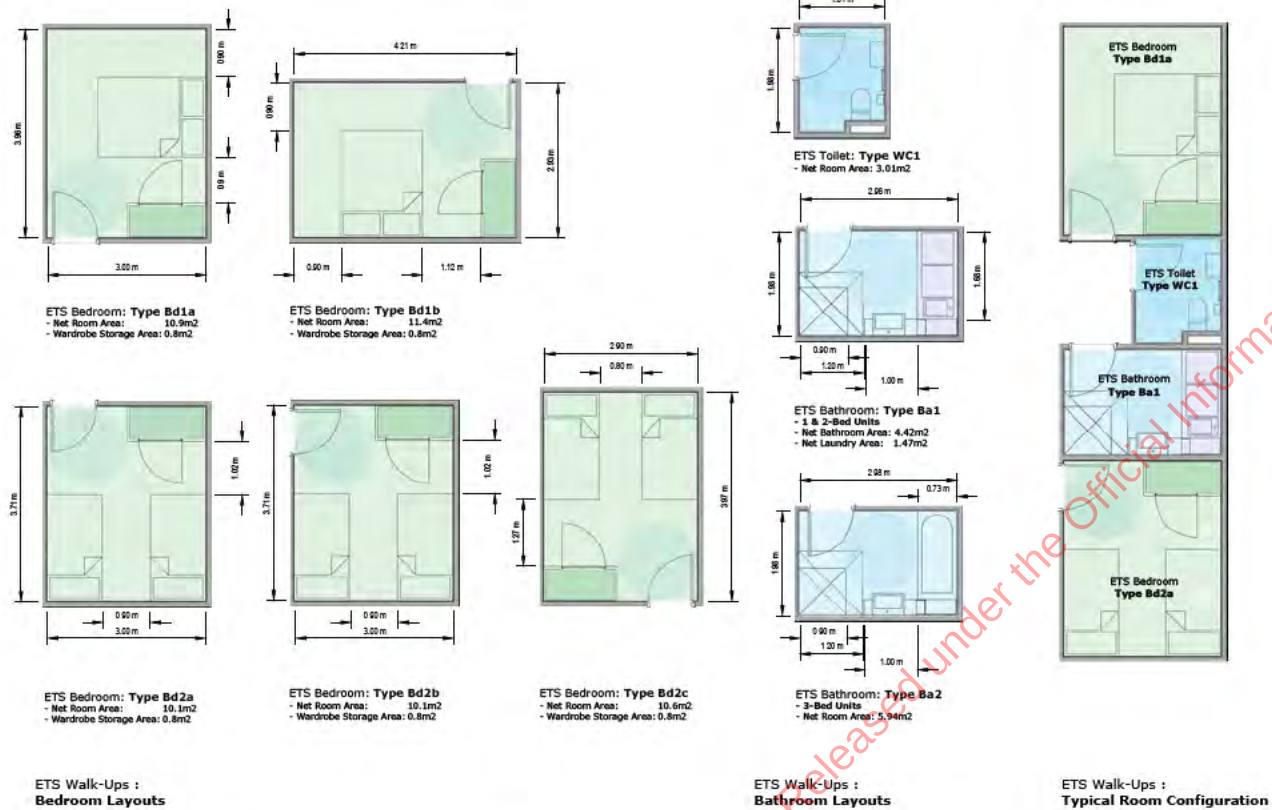


Figure 5: Accessible Toilet and Shower Compartment
Paragraph 4.2.2, Tables 1 and 2

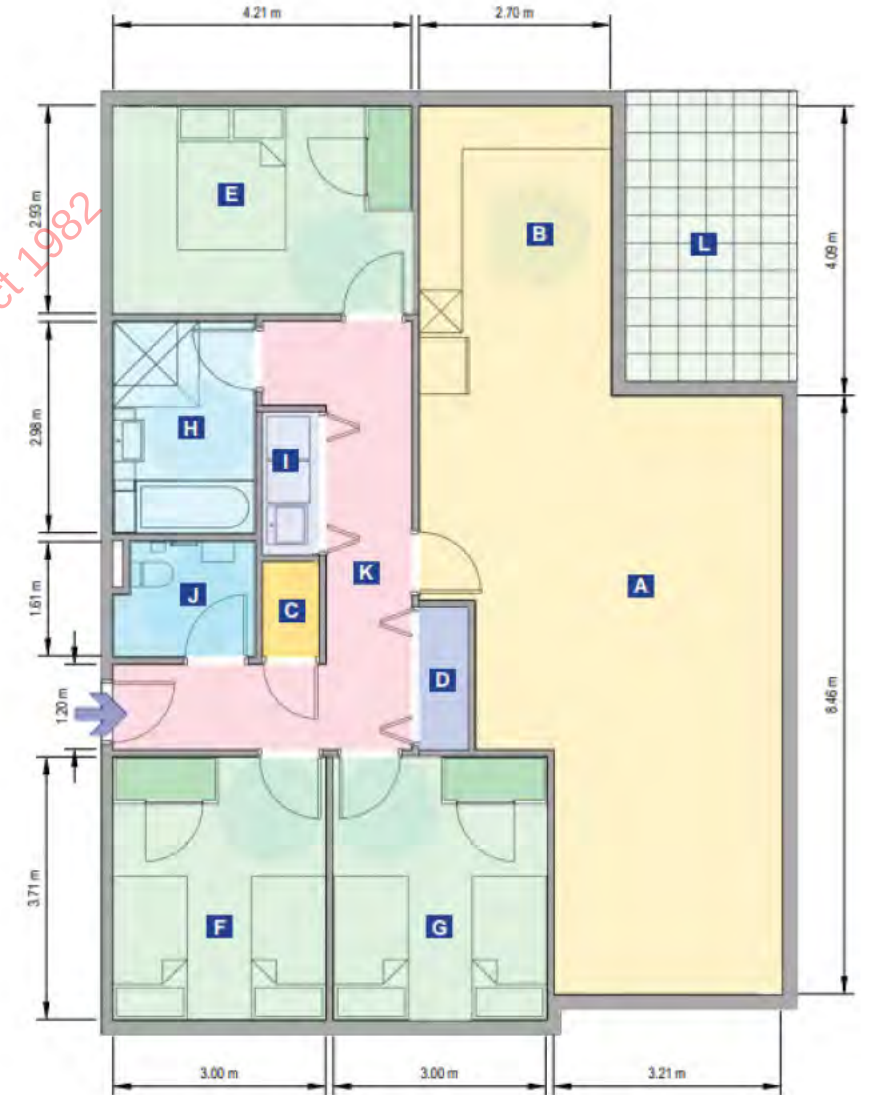


Elemental Plans



Elemental Walk-Ups: Standard Room Layouts

- All ETS Walk-Up Typologies use a standard range of rooms - as indicated above



Questions & Discussions

General Conclusions:

1. Are there regional differences that require consideration?

Yes: Seek input from Regional Directors and/or Iwi

No: Proceed on this basis

Questions & Discussions

General Conclusions:

2. Is vertical alignment of Tapu & Noa spaces mandatory?

Yes: Long term strategy required to re-design 2 storey plans, has wide implications on current typology suite

No: Vertical separation while excellent practice is not required due to separation between levels and/or cost implications

Questions & Discussions

Kitchen, Dining & Living Areas (KDL):

3. It is acceptable to have main entries connected directly with open plan KDL spaces

Yes: Proceed on this basis

No: Long term strategy required to re-design 2 storey plans, has wide implications on current typology suite

Questions & Discussions

Kitchen, Dining & Living Areas (KDL):

4. Separation of kitchens from dining and/or living is required for space flexibility (Tangi) for 3+ bedroom homes

(This assumes a Tangi can only be accommodated in larger homes due to numbers of guest, and not in 1-2 bed units.)

Yes: Long term strategy required to consider how this can be considered in 3 bed + typologies

Yes: Provide an alternative typology that accommodates this (may not be practical due to aligning dwelling with tenant)

No: Proceed with design of open plan KDL

Questions & Discussions

Kitchen, Dining & Living Areas (KDL):

5. 'Discretion' is to be used when locating toilets separate to but in proximity of K-D-L spaces.

For example;

1. There should be no 'line of sight' from K-D-L spaces to toilet pans, regardless of doors
2. Not Accessed directly off D-L spaces

Yes: Long term strategy required to re-design 1 storey types 2 storey 3&4 bed types. New options are in development to overcome current design issue.

Questions & Discussions

Bathrooms, WC's & Laundries:

6. Is a separate toilet always required regardless of house size?

Yes: For all typologies. Re--design 1, 2 and +1 types

No: Combined toilets and bathrooms are acceptable in 1-2 storey homes and + 1 types

No: A separate toilet is only provided for in 3+ bedroom homes. Re-design +1 types

Questions & Discussions

Bathrooms, WC's & Laundries:

7. A toilet should always be provided on the ground floor of 2+ storey homes:

Yes: Re-design 2 storey 2 bed type to accommodate toilet on ground floor

No: No action.

Questions & Discussions

Bathrooms, WC's & Laundries:

8. 'Discretion' is to be used when located laundries they should not open directly on to KDL spaces.

Yes: Review location of all laundries

No: No action

Questions & Discussions

Bathrooms, WC's & Laundries:

9. Laundries & bathrooms may be combined

Yes: Only if the toilet is separate

No: Laundries may not be combined with bathrooms or
WCs. Re-design 1 storey 1 & 2 bed types

Questions & Discussions

Bathrooms, WC's & Laundries:

10. Laundry location should always be on ground floor level allowing easier access to the outside

Yes: No action

No: Laundries can be accommodated on either ground or upper floor, this would allow space share with bathrooms for example when toilets are separate

Next Steps

- **Brief design consultants** for design library workstreams (HDS, OSM, Acquisitions, 3L)
- **Seek further feedback** on design concept development from Te Kurutau key contact person
- **Review** Ngā Paerewa Hoahoa Whare
- **Communicate** to wider organisation

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Tapu & Noa: Interpretation

Hui: Te Kurutao & ADMO

s 9(2)(a) @kaingaora.govt.nz
s 9(2)(a) @kaingaora.govt.nz

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