

224.371_proj.1_wk.2

**How to do a building code
check for your project...**

Compliance Document for
New Zealand Building Code
Clause G1
Personal Hygiene – Second Edition

Prepared by the Department of Building and Housing

This Compliance Document is prepared by the Department of Building and Housing. The Department of Building and Housing is a Government Department established under the State Sector Act 1988.

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SANITARY FIXTURES

- **Brief:**
 - How many sanitary fixtures (toilets and sinks) do you need?
 - How many of each sex and type?
 - Minimum size?
- **Relevant section of NZBC:**
 - **G1:** Personal Hygiene

Sanitary Fixtures: WCs & Basins

**G1_definitions_p9
Tables & Notes**

**G1_Tab. 3_p28
& Tab. 4_p29-30**

G1_Tab. 1_p22-26

- 1. establish building use**
 - Housing
 - Communal Residential
 - Camping Ground
- 2. identify building occupancy**
- 3. decide if facilities to be unisex or separate**
- 4. use the table to calculate number of fixtures required**
- 5. determine how many of those fixtures need to be accessible**

Sanitary Fixtures: Baths/Showers

**G1_definitions_p9
Tables & Notes**

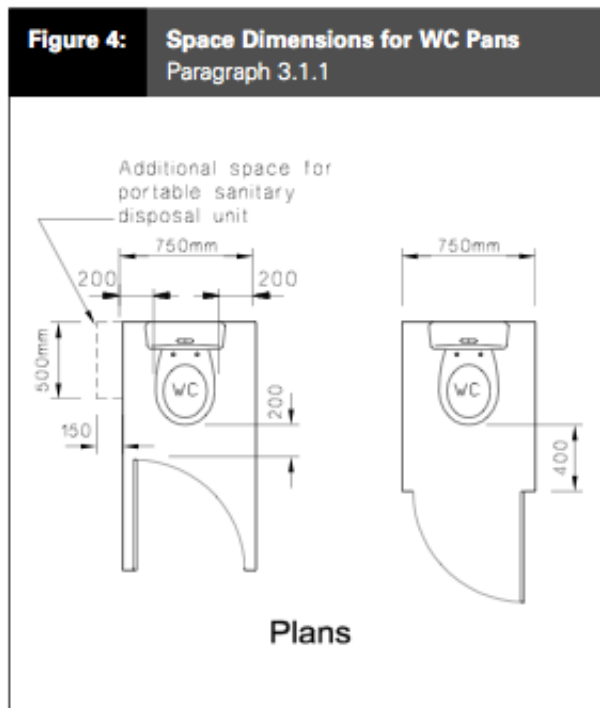
**G1_Tab. 3_p28
& Tab. 4_p29-30**

G1_Tab. 2_p27

- 1. establish building use**
 - Housing
 - Communal Residential
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- 2. identify building occupancy**
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Sanitary Fixtures: Minimum Size

G1_para 3.1_p16 & Fig. 4_p16
G1_Fig. 6_p18



1. Use the illustrated guides to determine the minimum dimension requirements for the sanitary fixture areas

Compliance Document for
New Zealand Building Code
Clause D1
Access Routes – Second Edition

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VERTICAL ACCESS

- **Brief:**
 - Design a stair and/or ramp that complies with building code
 - Design a handrail that complies with building code
- **Relevant section of NZBC:**
 - **D1: Access Routes**

Vertical Access: Stairs

D1_definitions_p13-14

D1_Tab. 6_p27

D1_para 4.1.8_p29

D1_Fig. 12_p28

D1_Tab. 6_p27

D1_Fig. 11_p28 & Fig. 12_p29

1. **identify the stair type**
 - private (main, secondary or minor), common, accessible or service
2. **identify the floor-floor height (total rise)**
3. **determine the riser height and number of risers**
 - decide whether the risers will be open or closed
4. **determine the pitch, tread depth and projection**

Vertical Access: Stairs

D1_para 4.2.1_p30

5. identify the required width of the stair

D1_para 4.3 & Tab. 7_p31

6. identify the number of landings required, if any, and the required length and width

D1_para 6.0_p39

7. identify the handrail requirements

- *Note the above is for straight stairs. The acceptable solution also provides guidelines for curved stairs, spiral stairs, and stairs with winders. Ladders are also covered.*

Vertical Access: Ramps

D1_definitions_p13-14

D1_Tab. 3_p25

**D1_para 3.3_p26
& Tab. 5_p27**

D1_para 3.2_p26

D1_para 6.0_p39

- 1. identify the type of ramp**
 - accessible, common (wet or dry), service
- 2. identify the maximum slope**
- 3. identify the total rise**
- 4. identify the required number and length of landings**
- 5. identify the required width**
- 6. identify the handrail requirements**

Vertical Access: Handrails & Other

D1_para 6.0_p39

1. handrail requirements

D1_para 1.3_p17

2. changes in level (single isolated step)

D1_para 1.4, Fig. 3 & Tab. 1_p18

3. height clearances

D1_para 1.5.2_p19

4. handrail projection

Compliance Document for
New Zealand Building Code
Clause F4
Safety from Falling – Third Edition

Prepared by the Department of Building and Housing

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SAFETY BARRIERS

- **Brief:**
 - Design a balustrade that complies with building code
- **Relevant section of NZBC:**
 - **F4:** Safety from Falling

Safety from Falling: Barriers

F4_para 1.1 & Tab. 1_p13

1. Barrier heights

**F4_para 1.2_p13; Fig. 1_p14;
Fig. 2_p15; Fig. 3_p16**

2. Barrier construction

F4_para 1.2.1(c)_p13 & Fig. 4_p16

3. Stair barrier

F4_para 1.2.4_p18 & Fig. 6_p18

**4. Fixed seats or structures on the
edge of decks**



Department of
Building and Housing
Te Tari Kaupapa Whare

Extract from the New Zealand Building Code:

Clauses C1-C6 Protection from Fire

Clause A3 Building Importance Levels



FIRE EXITS

- **Brief:**
 - How many fire exits does your building need?
 - What width and type?
- **Relevant section of NZBC:**
 - **C1-C6:** Protection from Fire
 - **C/AS2:** Acceptable Solution for Buildings with Sleeping (non-institutional) (Risk Group SM)

Fire Safety:

1_General

C/AS2_Part 1_Tab. 1.1_p20

C/AS2_Part 1_para 1.4_p23

1. **identify risk group**
 - SH - single household units & small multi-unit dwellings
 - SM - permanent, transient and educational accommodations
2. **determine parameters**
 - measurements
 - occupancy loads

Fire Safety:

2_Fire Cells & Systems

C/AS2_Part 2_para 2.1_p24

1. **identify number and extent of fire cells**

C/AS2_Part 2_para 2.2
& Tab. 2.1_p25

2. **determine type of fire safety system**

Fire Safety:

3_Means of Escape

C/AS2_Part 3_para 3.1_p29

C/AS2_Part 3_para 3.2.2_p31

C/AS2_Part 3_para 3.4
& Table 3.2, p36

C/AS2_Part 3_fig. 3.7_p37

C/AS2_Part 3_para 3.4.3
& 3.4.4 & fig. 3.8_p38

C/AS2_Part 3_para 3.13_p51

1. **calculate distance of escape route (open path) to determine number of fire exits required)**

Fire Safety:

3_Means of Escape

C/AS2_Part 3_para 3.3_p31

2. **identify required heights and widths of escape routes and exits**

C/AS2_Part 3_para 3.15.3_p55

3. **identify requirements for doors**

**C/AS2_Part 3_para 3.15.5
& Fig. 3.22_p56**

Compliance Document for
New Zealand Building Code
Clause G3
Food Preparation and Prevention
of Contamination

Prepared by the Department of Building and Housing

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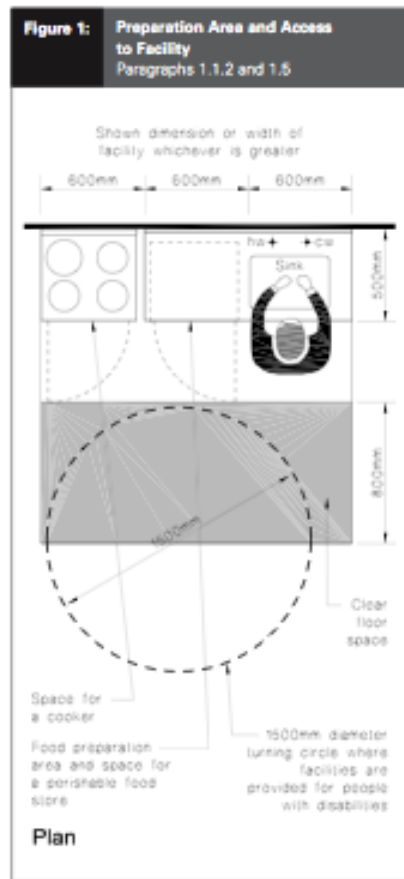
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Food Preparation

- **Brief:**
 - Ensure your food preparation area meets code requirements
- **Relevant section of NZBC:**
 - **G3: Food Preparation & Prevention of Contamination**

G3_para 1.0_p15-16
G3_Fig. 1_p15



Food Preparation

- Sink
- Food prep surface
- Water & waste
- Cooker
- Perishable food store
- Energy sources
- Accessibility & minimum clearances
- Wall linings