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Statement of Compliance Access for People with a Disability

Proposed Residential Development 22-24 Raglan St Manly

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Report

Report Type: Statement of Compliance - BCA Access Provisions

Development: 22-24 Raglan St Manly

Introduction:

This report has been prepared to accompany a Development Application and has been based on the following drawings prepared by Carlisle Architects:

DA 02	Basement Plan
DA 03	Ground Floor Plan
DA 04	Level 1 Plan
DA 05	Level 2 Plan
DA 06	Level 3 Plan
DA 07	Level 4 Plan
DA 08	Level 5 Plan
DA 09	Level 6 Plan
DA 10	Level 7 Plan
DA 11	Roof Plan

Limitations and Copyright information:

This report is not to be used for any other purpose than its original intention. The assessment is based on the provided drawings and compliance relies upon the implementation of all the recommendations listed in this report and the works constructed in accordance with AS1428.1-2021 and other latest, relevant standards and regulations applicable at the time of construction.

Assessment is based on the classification/use of the building. If the Class of the building changes to any other building Class, this access report will have to be updated accordingly.

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A report issued for DA (development application) is not suitable for use for CC (construction certificate application).

Assessment:

Assessment Criteria DA

This assessment has been undertaken to the extent necessary to issue development consent under the Environmental Planning and Assessment Act. Generally, assessment has been in regard to the capability of the proposal to achieve compliance where there is insufficient information to fully assess if compliance has been achieved. The project documentation should incorporate the requirements as listed in this report to ensure compliance.

Note: At design/drawing stage there is not enough information provided to ensure full compliance as a lot of access requirements depend on fittings and finishes. In this report "complies" means that, based on the drawings reviewed, the design is capable of compliance provided that dimensions, fittings and finishes are completed to the relevant standard.

Compliance is required with the following:

- The Access provisions of the BCA 2022
- The Access To Premises Standard
- AS1428 suite of Standards
- AS2890.6 for car parking
- AS1735.12 for lifts
- AS4299 Adaptable Housing
- Housing SEPP 2021 Chapter4
- Council's DCP relating to Access for People with a Disability

<u>Assessment</u>

The building work comprises of residential units over basement carparking and ground floor retail

Under the BCA the building is classified as follows,

- Class 2 (building containing more than 2 SOUs i.e. sole-occupancy units)
- Class 6 (shops, sale of goods and services by retail)
- Class 7a (car park)

The following tables assess compliance with the relevant parts of the BCA and Standards BCA Assessment

BCA Part D4 Access for People with a Disability

BCA D4D2 Requirements for Access for people with a disability

SOU refers to Sole Occupancy Unit

Requirement

Class 2

- From a required accessible pedestrian entrance to at least 1 floor with SOUs and to the entry of doors of each SOU on that level.
- To and within 1 of each type of room or space in common use.
- Where floor or part of a floor is accessed by an AS1428.1 ramp or lift, all SOUs on that level to the entry door and to and within all common use areas on that level.

Compliance

Complies.

Comments

Access has been provided from the main pedestrian entry to the entry doors of all SOUs on all levels by means of a lift.

Details to be verified at CC stage of works.

Requirement

Class 5, 6, 7b, 8, 9a, 9b- Schools and early childhood centres

To and within all areas that are normally used by the occupants.

Compliance

Complies.

Comments

Details to be verified at CC stage of works.

Requirement

Class 7a

To and within any level containing accessible carparking spaces.

Compliance

Complies.

Comments

Access has been provided to the basement level containing the accessible car parking spaces by means of a lift.

Details to be verified at CC stage of works.

Requirement

In areas required to be accessible, the following is to be provided:

- Width of accessways shall be min 1M clear, and to be increased for door circulation, turning areas and passing areas as required by AS 1428.1
- Doors shall provide a clear opening of 850mm with a step free threshold and the required circulation spaces, hardware and luminance contrast as required by AS 1428.1
- The separation of doors in airlocks shall comply with AS 1428.1
- Door mats, floor grates and the abutment of different finishes shall comply with BCA and AS 1428.1
- In accessible sole occupancy units, the light switches shall be 30x30mm min size at a height to match the door handles. GPOs shall be located between 600 and 1100mm above the floor and 500mm from an internal corner.

Compliance

Capable of compliance.

Comments

All of the above listed requirements are achievable and to be assessed for compliance at verified at CC stage of works.

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BCA Part D4D3 Access to buildings

Requirement

Accessway is required from;

- Main pedestrian entry at the site boundary for new buildings
- Main pedestrian entry door for existing buildings
- Any other accessible building connected by a pedestrian link
- Accessible car parking spaces

Compliance

Complies.

Comments

Access has been provided from the main pedestrian entry at the site boundary by means of a pathway / ramp.

Access has been provided from accessible car parking spaces by means of a lift. Details to be verified at CC stage of works.

Requirement

Accessway is required through:

- Main entry and
- Not less than 50% of all pedestrian entrances and in building with floor area over 500m², non-accessible entry and accessible entry to be not more than 50M apart.

Compliance

Capable of compliance.

Comments

The development has only 1 main entry which has been designed to be accessible. Details to be verified at CC stage of works.

Requirement

Where Accessible pedestrian entry has multiple doorways

- At least 1 to be accessible if 3 provided
- At least 50% to be accessible, if more than 3 provided

Where doorway has multiple leaves, at least 1 leaf is to have clear opening of 850mm (excluding automatic doors).

Compliance

Capable of compliance.

Comments

Where multiple leaf doorways have been used, at least 1 operable leaf is required to provide a clear opening of 850mm with the door circulations spaces as per AS1428.1. Where single hinged doors have been used, the door leaf is required to provide a clear opening of 850mm with the door circulations spaces as per AS1428.1.

This is achievable and the door selections are to be verified at CC stage of works.

BCA Part D4D4 Parts of buildings required to be accessible

Requirement

Every Ramp (excluding fire-isolated ramp) to be compliant with AS1428.1 and slip resistance of ramp and landings compliant with BCA Table D3D15

Compliance

Capable of compliance.

Comments

Detailed features of the ramp will be assessed with the requirements of AS1428.1 at the CC stage of works.

Requirement Compliance

Every Walkway to be compliant with AS1428.1

Capable of compliance.

Comments

Detailed features of the walkways will be assessed with the requirements of AS1428.1 at the CC stage of works.

Note: all walkways shall have a barrier or continue for a further 600mm in a different material on each side of the walkway.

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Step / Kerb ramp if provided is to be compliant with AS1428.1 and Slip resistance of ramp and landings compliant with BCA Table D3D15

Compliance

N/A

Comments

No step / kerb ramps have been identified in the development.

Requirement

Every **Stairway** (excluding fire-isolated stairway) is to be compliant with AS1428.1 and slip resistance of treads, landings and nosing strips compliant with BCA Table D3D15

Compliance

Capable of compliance.

Comments

Where non-fire-isolated stairways have been provided, the features of the stairway will be assessed with the requirements of AS1428.1 at the CC stage of works.

Requirement

Every **Fire-isolated Stairway** is to be compliant with the relevant sections of AS1428.1 & slip resistance of treads, landings and nosing strips compliant with BCA Table D3D15

Compliance

Capable of compliance.

Comments

Where fire-isolated stairways have been provided, the features of the stairway will be assessed with the relevant requirements of AS1428.1 at the CC stage of works.

Requirement

Passing spaces requirement

It is a requirement to provide passing spaces in accessways complying with AS1428.1 at maximum 20 M intervals, where a direct line of sight is not available. Space required is width of 1800mmx2800mm (in the direction of travel). Chamfer of 400x400mm is permitted at corners.

Compliance

N/A

Comments

There are no accessways over 20 M lengths in the development where a direct line of sight is not available.

Requirement

Turning spaces requirement

It is a requirement to provide turning spaces in accessways complying with AS1428.1 within 2M of the end of accessways where it is not possible to continue travelling and at every 20M intervals. Space required is width of 1540mm x 2070mm (in the direction of travel).

Compliance

Complies.

Comments

Adequate turning spaces have been provided. Details to be verified at CC stage of works.

Requirement

Small building concession

In a Class 5, 6, 7b or 8 building containing not more than 3 storeys, a lift / ramp is not required to provide access to levels other than the entrance level if the floor area of the levels other than the entrance level is not more than 200m².

Compliance

N/A

Comments
Requirement

Carpet specifications

Carpet if used in areas required to be accessible are to be provided with pile height or thickness not more than 11mm and carpet backing not more than 4mm bringing the total height to a maximum of 15mm.

Compliance

Capable of compliance

Comments

Only applies to carpets provided in the common use areas and commercial use areas.

Carpet selections generally take place at CC stage of works.

Selection of carpets as specified above will lead to compliance and these selection details are to be verified at CC stage of works.

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BCA Part D4D5 Exemptions

Requirement

Access is not required to be provided in the following areas :

- where access would be inappropriate because of the use of the area
- where area would pose a health and safety risk
- any path which exclusively provides access to an exempted area

Compliance

For information only.

Comments

Areas such as lift machine rooms, fire services room, and mechanical rooms in the development are exempted from providing access under this clause due to WHS concerns.

BCA Part D4D6 Accessible Carparking

Requirement

Parking Service

Accessible carparking space need not be provided when a parking service is provided and direct access to any of the carparking spaces is not available to the public.

Compliance

Comments Requirement

Accessible car parking spaces shall have pavement marking in accordance with AS 2890.6.

Compliance

Complies.

Comments

Note: the pavement marking shall have the appropriate slip resistance for the location.

Requirement

In situations where not more than 5 carparking spaces have been provided

The car parking space need not be designated, so as to restrict the use of the carparking space only for people with a disability.

Compliance

N/A

Comments Requirement

Class 2

There are no carparking requirements for a Class 2 under the BCA. If adaptable housing has been mandated by the Council, carparking spaces will be required under the requirements of AS4299- Adaptable housing

Compliance

N/A

Comments

The parking for the adaptable units is assessed later in this report.

Requirement

Class 6

- 1 space per 50 carparking spaces (up to 1000 spaces) and
- additional 1 space per additional 100 spaces provided

Compliance

Complies.

Comments

Total number of spaces provided = 0

Total number of Accessible car parking spaces required= 0 Total number of Accessible car parking spaces provided= 0

Car parking spaces are to comply with the requirements of AS2890.6. This is to be verified at the CC stage of works.

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BCA Part D4D7 Signage

Capable of compliance.

Requirement

Braille and Tactile signage is required to identify Accessible & Ambulant Sanitary facilities, Fire Exits, areas with Hearing Augmentation and the location of Accessible entrances and toilets

Compliance

ce Capable of compliance.

Comments

BCA Part D4D9 Tactile indicators (TGSIs)

Requirement

TGSIs are required when approaching;

- Stairways other than fire-isolated stairways and stairways within a SOU of a Class 2 building or a non-accessible SOU of a Class 3 building
- Escalators / passenger conveyor / moving walk
- Ramp (other than fire-isolated ramps / kerb or step or swimming pool ramps)
- Under an overhead obstruction of <2M if no barrier is provided
- When accessway meets a vehicular way adjacent to a pedestrian entry (if no kerb / kerb ramp provided at the location)

Compliance is required with AS1428.4.1 including Luminance contrast and slip resistance requirements for all TGSIs.

TGSIs are not required in areas not required to be accessible

Compliance

Comments

In the proposal, TGSIs are required in the following locations:

- At top and bottom landings of stairways and 1:14 ramps, 600-800mm depth or min 12 discrete cones are required at 300+/-10mm from edge of hazard
- At <u>mid landings</u> of stairway and 1:14 ramp, <u>300-400mm</u> depth or min 6 discrete cones are required <u>only where handrails are not continuous</u> or landing is more than 3M
- Where accessway meets a vehicular way, 600-800mm depth or min 12 discrete cones are required at 300+/-10mm from edge of hazard.
- Under the stairway to warn of overhead obstruction, 600-800mm depth or min 12 discrete cones are required at 300+/-10mm from edge of hazard

Details to be verified at CC stage of works.

BCA Part D4D12 Limitations on Ramps

Requirement

- A series of connecting ramps cannot have a vertical height of 3.6M
- A landing for a step ramp cannot overlap a landing for another ramp

Compliance

Complies

Comments

The series of connecting ramps do not exceed a vertical height of 3.6M Details to be verified at CC stage of works.

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BCA Part D4D13 Glazing on Accessways

Requirement

Glazing requirements- Where there is no chair rail, handrail or transom, all frameless or fully glazed doors, sidelights and any glazing capable of being mistaken for a doorway or opening are required to have a glazing strip as per requirements of AS1428.1

Compliance

Capable of compliance

Comments

Applies to full length glazing used in common use areas such as lift lobbies and common passageways and in all commercial use areas.

Glazing strip selections are to be verified at CC stage of works.

BCA Part F Accessible Sanitary Facilities

BCA F4D5 Accessible sanitary facilities

Requirement

Accessible unisex toilet is to be provided in accessible part of building such that;

- It can be entered without crossing an area reserved for 1 sex only
- Where male and female sanitary facilities are provided at different locations, Accessible unisex toilet is only required at one of the locations
- Even distribution of LH and RH facilities

If no lift is required to be provided to a level, then accessible facility is not required on that level.

Compliance

N/A

Comments

No common use sanitary facilities have been proposed in the development. To be verified at CC stage of works.

Requirement

Ambulant use male / female toilets are to be provided if an additional toilet to the Accessible unisex toilet is provided.

Compliance

N/A.

Comments

No sanitary facilities in addition to the accessible toilet have been provided in the development.

BCA F4D6 Accessible unisex sanitary compartments

Requirement

Class 2

At least 1 when sanitary compartments are provided in common areas.

Compliance

N/A

Comments No

No common use sanitary facilities have been proposed in the development.

Requirement

Class 5, 6, 7, 8 or 9 (excluding ward area of 9a health-care)

1 on every storey containing sanitary compartments.

Where more than 1 bank of sanitary compartments on a level, at 50% of banks

Compliance

N/A

Comments

No common use sanitary facilities have been proposed in the development.

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	BCA F4D7 Requirements for Accessible unisex showers as per AS1428.1
Requirement	Class 2
	At least 1 when showers are provided in common areas.
Compliance	N/A
Comments	No common use shower facilities have been proposed in the development.
Requirement	Class 5, 6, 7, 8 or 9 (excluding ward area of 9a health-care) When BCA requires provision of 1 or more showers, then 1 for every 10 showers.
Compliance	N/A
Comments	No common use shower facilities have been proposed in the development.

BCA F4D12 Accessible Adult Change Facilities

Requirement	Class 6 Where the building is a shopping centre having a design occupancy of not less than
	3,500 people and containing a minimum of 2 sole occupancy units
Compliance	N/A
Comments	No accessible adult change facilities are required in the development.

BCA Part E3 Lift Installations

BCA E3D7 Lift Types & Limitations

Requirement

The following limitations apply to the use of lifts:

- Stairway platform lifts must not serve a space accommodating more than 100 persons; used in high traffic areas such as theatres, auditoriums, traffic interchange, shopping centre; used where another type of lift can be installed; connect more than 2 storeys; when folded not encroach on the required width of the stair
- A low-rise platform lift must not travel more than 1m
- A low-rise constant pressure lift must not travel more than 2m if unenclosed or 4m if enclosed or be used in high traffic areas such as theatres, auditoriums, traffic interchange, shopping centre
- A small sized, low speed automatic lift must not travel more than 12m
- If the lift car is fully enclosed the lift must not rely on a constant pressure device for its operation

Compliance

Capable of compliance

Comments

Details to be verified at CC stage of works.

BCA E3D8 Lift Installations

Requirement

In an accessible building, every passenger lift must comply with Clause E3D8

Compliance

Capable of compliance

Comments

Lift floor dimensions (excluding stairway platform lift) are listed below.

- Lifts traveling 12M or under, floor size, 1100mm wide x 1400mm deep
- Lifts travelling more than 12M, floor size 1400mm wide x 1600mm deep Details to be verified at CC stage of works.

Requirement

If the effective height of the building is over 12M, at least one of the lifts is required to be a stretcher lift, which is to accommodate a raised stretcher with clear space of not less than 600×2000 mm long x 1400mm high above FFL.

Compliance

Capable of compliance

Comments

Details to be verified at CC stage of works.

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Application of Access to Premises Standards (APS) to existing buildings Affected part upgrades

Requirement

- In general, APS covers new building work to existing buildings, such as an extension or upgrade
- APS only apply to that part of the building that is the subject of the building approval application and the 'affected part'
- Application of the APS to new work in an existing building does not trigger the need to upgrade the whole building or parts of the building outside the new work that is subject to the building approval application
- The definition of 'affected part' of a building is limited to the area between (and including) the principal pedestrian entrance and the new work, but does not extend from the entrance to the allotment boundary or any required carparking spaces. It also does not extend to any toilet facilities or other rooms adjacent to the pathway between the principal pedestrian entrance and the area of the new work
- When the 'affected part' is triggered it does not require access upgrades to any step or stairway adjacent to a continuous accessible path of travel
- Where an access barrier, such as a step, is located at the threshold of a principal pedestrian entrance the 'affected part' upgrade would require the removal of the step

Compliance

Comments

Capable of compliance

Details to be verified at CC stage of works.

Application of Access to Premises Standards to existing buildings Lessees Concession from Affected part upgrades

Requirement

- Where a building is occupied by a number of lessees, i.e., by 2 or more lessees, and
- an application for approval of building work is made by one of the lessees for work on the area of the building that they lease, there is no requirement to upgrade the affected part
- The concession will not apply if the building is leased to only one person or entity
 or if the application for building approval is made by the owner of the building.

Compliance

Capable of compliance

Comments

Details to be verified at CC stage of works.

Application of Access to Premises Standards to existing buildings Lift Concession

Requirement

- Where an existing lift travels more than 12M and has a lift floor of not less than 1100mmx1400mm, i.e., if it complies with access requirements imposed by the BCA prior to the commencement of APS it does not have to meet the usual Access Code requirements of floor size 1400mmx1600mm
- Other access features on a lift undergoing upgrade required by BCA Table E3.6 (b), such as requirements for accessible lift controls and provision of audible information must be provided

Compliance

Capable of compliance

Comments

Details to be verified at CC stage of works.

Application of Access to Premises Standards to existing buildings Toilet Concession

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Requirement

- Where an existing sanitary compartment complies with the circulation and fit out requirements of AS 1428.1–2001, it would be not be required to upgrade it to meet the requirements of AS 1428.1–2021
- Also where existing accessible toilet is required to be upgraded to comply with AS 1428.1-2021 this would not trigger the need for an upgrade of the other male and female toilets at the bank to provide for ambulant accessible toilets unless those other toilets were the subject of new work

Compliance

Comments

Complies.

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DCP Requirements

Adaptable Housing

Four adaptable units are required by the Council's DCP. The units designated as adaptable are Units 7, 9, 11 & 13.

At DA stage there is insufficient information to certify compliance with the Standard, however, in accordance with the table below, the units can comply with the spatial requirements of AS4299 for Adaptable Housing.

AS 4299 Adaptable Housing Class C requirements

The Site	Requirement	An accessible path of travel from the street, letterboxes, car park and to common facilities is provided	
	Compliance	Complies	
	Comment	Details to be verified at CC stage of works.	
Carparking	Requirement Compliance	A car space 6m x 3.8m is provided Complies	
	Comment	The layout includes spaces based on AS2890.6 and AS4299 which is acceptable. 3 spaces are provided in line with DCP control for the original DA Details to be verified at CC stage of works.	
Unit Entry	Requirement	The entry is accessible, covered, level, has a low threshold, permits wheelchair maneuverability and has an 850 clear door with lever handles	
	Compliance	Capable of Compliance	
	Comment	Details to be verified at CC stage of works.	
Interior - General	Requirement	Access to bathroom, kitchen, laundry and living areas is provided.	
	Compliance	Complies	
	Comment	Threshold ramps may be required in adapted state for wheelchair unless the floor of wet areas have been recessed. Details to be verified at CC stage of works.	
	Requirement	Doors are 820mm clear (870 leaf) with corridors a min. 1000mm wide with circulation space at doors as per AS1428.1	
	Compliance	Capable of Compliance	
	Comment	It is recommended that the door to adaptable bedroom and adaptable bathroom be 850mm clear opening. Details to be verified at CC stage of works.	
Living/ Dining	Requirement	Provision for circulation space of min 2250 dia,	
Rms			
	Compliance Comment	Complies Details to be verified at CC stage of works.	
	Requirement	Provision of, a telephone point adjacent to GPO and lighting which can achieve min 300 lux	
	Compliance	Capable of Compliance	
	Comment	Details to be verified at CC stage of works.	

Kitchen	Requirement	Floor surface to be non-slip with 1550 clear between benches and circulation space at door to comply with AS1428.1.
	Compliance	Capable of Compliance
	Comment	Details to be verified at CC stage of works.
	Requirement	Provision for work benches, appliances and other services including tap type and location, GPO locations in accordance with AS 4299.
	Compliance	Capable of Compliance
	Comment	Details to be verified at CC stage of works.
Main Bedroom	Requirement	Can accommodate a queen size bed, wardrobe and circulation to allow a 180deg turn at the foot of the bed or in front of the robe
	Compliance Comment	Complies Details to be verified at CC stage of works.
	Comment	Details to be verified at CC stage of works.
Bathroom	Requirement	Provision to allow bathroom to be converted to complying with AS 1428.1. The floor is slip resistant and the shower recess is hobless and can provide a compliant shower area with provision for grabrails, mirror, GPO etc.
	Compliance	Complies
	Comment	Details to be verified at CC stage of works.
Toilet	Requirement	An accessible toilet or an enlarged toilet with an area 1250x900w in front of pan is provided which is capable of modification to comply with AS 1428.1. The floor is slip resistant and the wall is capable of installing grabrails.
	Compliance Comment	Complies Data illa ta ha varified at CC ataga of warks
	Comment	Details to be verified at CC stage of works.
Laundry	Requirement	Circulation at doors to comply with AS 1428.1 is provided, with adequate circulation in front of appliances (min 1550mm). Provision for washing machine and drier is available and an accessible path of travel to clothes line if provided.
	Compliance	Complies
	Comment	Details to be verified at CC stage of works.
	Requirement	Provide a double GPO and the floor is to be slip resistant.
	Compliance	Capable of compliance
	Comment	Details to be verified at CC stage of works.
Door Hardware	Requirement	Lever door handles are provided, located 900-1100mm above floor
Talawaic	Compliance	Capable of Compliance
	Comment	Details to be verified at CC stage of works.

SEPP Housing 2021 Chapter 4

The SEPP requires a consent authority to consider compliance with the Apartment Design Guide. To this end we have considered compliance with Objective 4Q1 that requires 20% of the units to incorporate the features of the Livable Housing Guidelines Silver level.

Total number of residential units in the development = 20% of 15 = 3 required Livable units.

Since 4 of the units already comply with the Adaptable unit requirements, these units are also capable of satisfying the intent of Silver level of Livable Housing Guidelines as noted in the table below.

By incorporating the requirements of the below Checklist in the Specifications of the project, the nominated Livable units can achieve full compliance with Livable Housing Guidelines- Silver Level

Note that in this case the adaptable units are also be counted as Livable / LHA Silver level unit in which case the below requirements apply in addition to the AS4299 requirements.

Design Element	Requirements (All dimensions noted are required to be clear of finishes as required under AS1428.1)	Compliance / Comments
1 Dwelling Access	 (a) Provide a safe and continuous 1M clear width pathway from front site boundary to an entry door to the dwelling. (b) Path including any ramps and walkways to have no steps, even firm, slip-resistant surface, max 1:40 crossfall, max slope of 1:14 with landings of 1.2M every 9M and landings every 15M for 1:20 walkways. 1.2M clear width of ramps are required. 	Complies. Verify at CC
	 (c) Pathway may be provided via an associated car parking in which case the car parking space to be 3200 (width) x5400 (length), even, firm and slip resistant, level surface of 1:40 max grade and 1:33 max grade for bitumen 	Complies. Verify at CC
	(d) Step ramp may be provided at an entrance doorway. The step ramp to be max 190mm height, max 1:10 grade, max 1900mm length.	N/A
	(e) Level landings of 1200mm are required exclusive of the swing of the door or gate and to be provided at the head and foot of the ramp.	N/A
2 Dwelling entry	(e) Dwelling Entry should provide an entrance door with (i) min clear opening width of door to be 820mm (ii) Step free threshold of max 5mm with rounded or bevelled lip (iii) reasonable shelter from the weather	Capable of compliance. Verify at CC
	(f) Level landing of 1200x1200mm at step-free entrance door on the arrival / external side of the entrance door.(g) Max permissible threshold is less than 56mm where provided with a	Complies Verify at CC N/A
	1:8 grade threshold ramp. (h) Entrance to be connected to a pathway (specified under Element 1) Note: The entrance to incorporate waterproofing and termite management requirements as specified in the NCC	Complies
Internal doors and corridors	(a) Doors to rooms on the entry level used for living, dining, bedroom, bathroom, kitchen, laundry and sanitary compartments to be (i) 820mm clear opening and (ii) provided with a level threshold of max 5mm between abutting surfaces with rounded or bevelled lip	Capable of compliance. Verify at CC
	(b) Internal corridors and passageways to doorway to be min 1M clear (measured from skirting to skirting)	Capable of compliance. Verify at CC

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4 Toilet	 (a) Toilet to be provided on the ground or entry level that provides, (i) Min 900mm between walls if located in separate room (ii) Min 1200mm clear space in forward of the WC pan exclusive of door swing. (iii) The toilet pan to be positioned in the corner of a room to enable handrails 	Complies. Verify at CC
5 Shower	 (a) One bathroom should feature a slip resistant, hobless shower recess. Shower screens are permitted provided they can be easily removed at a later date. (b) The shower recess should be located in the corner of the room to enable the installation of grabrails at a future date. For hobless specification please see Australian Standard AS3740-3.6. 	Capable of compliance. Verify at CC
Reinforcement of bathroom & toilet walls	Reinforcement guidelines for walls in bathrooms and toilets are found in element 6 (a) Except for walls constructed of solid masonry or concrete, the walls around the shower, bath (if provided) and toilet should be reinforced to provide a fixing surface for the safe installation of grabrails.	Capable of compliance. Verify at CC
	(b), (c) and (d) the walls around toilet, bath and shower to be via: (i) Noggins with a thickness of at least 25mm (ii) Sheeting with a thickness of at least 12mm Refer to diagrams provided in the Livable Housing Guideline document.	Capable of compliance. Verify at CC
Requir Door obening Space Book door Circ Space 1 WC to	Approx 1900 Approx 1700 ded wall reinforcement 1000 700 Approx culation e clear of or swing 200 o be in a orner Approx 1700 Required wall reinforcement 1000 Approx. 700 front of pan 1200 clear in front of pan 1200 clear in front of pan	800-810 C/L
900 Req. wall reinfo		Location of nogging 300 300

Internal **Stairways**

in a corner

Stairways in dwellings must feature:

Required wall reinforcement

Re

(i) a continuous handrail on one side of the stairway where there is a rise of more than 1m

Required wall reinforcement

N/A No internal stairway in units.

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Statement of Compliance

On the basis of the above assessment, I am satisfied that the proposal can achieve compliance with the access provisions of the BCA and the Access to Premises Standard & SEPP Housing 2021.

Michael Moutrie

ACAA Accredited Access Consultant No 581



Statement of experience

Michael Moutrie Director, Accessible Building Solutions



Qualifications:

- ACAA Accredited Access Consultant No 581
- Certificate IV in Access Consulting
- Registered Changing Places assessor (No 021)
- Completed LHA Assessor training
- Completed SDA Assessor training
- **OH&S Induction Training Certificate**

Michael is a member of Camden Council's Access Committee



Michael started working in Access in 2015 and became a director of Accessible Building Solutions in 2018. Combining his background in fitness and travel, Michael has an interest in the application of accessibility to recreational activities and has been involved with the access award winning Wet'n' Wild Sydney, Jamberoo Action Park and numerous Leisure Centres.

Michael is experienced in the following areas:

- **Building audits**
- Access Reports for DA & CC
- Livable Housing assessment
- Changing Places assessment
- Expert witness in the Land & Environment Court of NSW

Michael maintains a high level of continuing professional education and has published articles in the ACAA Insight magazine.

Howard Moutrie Consultant









Qualifications:

- B. Arch (Hons) Registered Architect ARB Reg. No 4550
- ACAA Accredited Access Consultant Reg. No. 177
- Registered Assessor of Livable Housing Australia (Assessor No. LHDG046)
- Registered Changing Places assessor (No 007)

Howard has been or is a member of the following: Standards Australia ME/64 Committee (Access Standards) Sutherland Council Design Review Panel & Access Committee City of Sydney Access Panel 2010 Building Professionals Board Access Advisory Panel **ACAA Management Committee**

Howard Moutrie is an experienced access consultant with over 15 years' experience. Howard has contributed for over 10 years on the Standards Australia Committee ME/64, providing input into the AS 1428 suite of Standards and the Adaptable Housing Standard has acted as an expert witness in the Land & Environment Court.

Howard has presented at numerous seminars and training sessions including ACAA National Conference, ACAA State Network Seminars, RAIA Network Seminars, Building Designers Association Seminars.

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