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| Reviewed: Howard Moutrie |

| Issue. | Revision | Date |
|--------|------------------------|------------|
| - | Original for DA issued | 08-12-2021 |
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report

Statement of Compliance Access for People with a Disability

Proposed Student Housing 104-116 Regent St Refern

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Report

Report Type: Statement of Compliance - BCA Access Provisions
Development: 104-116 Regent St Redfern

Introduction:

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

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| DA302 | Entry Level Plan |
| DA303 | Level 2 Plan |
| DA304 | Level 3 Plan |
| DA305 | Level 4 Plan |
| DA306 | Level 5 - 8 Plan |
| DA307 | Level 9 – 15 Plan |
| DA308 | Level 16 Plan |
| DA309 | Level 17 – 18 Plan |
| DA310 | 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 AS1428.1-2009 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.

All dimensions mentioned in the report are CLEAR dimensions and are not to be reduced by projecting skirting, kerbs, handrails, lights, fire safety equipment, door handles less than 900mm above FFL (finished floor level) or any other fixtures/fit out elements. Only some numerical requirements from relevant AS (Australian Standards) have been noted in the report, however for further details and for construction purposes refer to the relevant AS, a copy of which can be purchased from SAI Global.

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This report does not assess compliance matters related to WHS, Structural design, Services design, Parts of DDA other than those related to APS or Parts of BCA or Parts of Australian Standards other than those directly referenced in this report.

ABS gives no warranty or guarantee that this report is correct or complete and will not be liable for any loss arising from the use of this report. We are not to be held responsible if LHA comes to a different conclusion about compliance with the Livable Housing Guidelines. At this point of time only LHA is able to confirm whether a project has met all the requirements needed to be awarded a particular Quality Mark.

We have no ability to check for slip resistance of surfaces. All wet areas, parking areas, pavement markings shall have the appropriate slip resistance for the location. We also have no ability to check for wall reinforcements once the walls have already been constructed. The builder is to take full responsibility that these requirements are met as a part of construction being as per requirements of AS1428.1/ AS4299 / AS2890.6/ AS3661/ AS4586

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. Where this report lists "capable of compliance" it means that there is nothing to stop full compliance as long as fittings and finishes are completed to the relevant standard

Compliance is required with the following:

- The Access Provisions of the BCA 2019
- The Access To Premises Standard
- AS1428 suite of Standards
- AS2890.6 for car parking
- AS1735.12 for lifts
- Council's DCP relating to Access for People with a Disability

Assessment

The building work comprises of student housing with retail store

Under the BCA the building is classified as follows,

- Class 3 (residential boarding house, hostel, accommodation or similar)
- Class 6 (shops, sale of goods and services by retail)

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

BCA Part D3 Access for People with a Disability
BCA D3.1 Requirements for Access for people with a disability
 SOU refers to Sole Occupancy Unit

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| <i>Requirement</i> | Class 3 From pedestrian entrance to 1 floor with SOUs, till the entry of doors of those SOUs. To and within 1 of each type of room or space in common use. Where floor is accessed by an AS1428.1 compliant ramp or lift, all SOUs on that level till their entry doors and to and within all common use areas on that level. SOU requirements Not more than 2 SOUs adjacent to each other. SOUs to represent a range of available rooms. <ul style="list-style-type: none"> • 1 to 10 SOUs - 1 accessible SOU • 11 to 40 SOUs - 2 accessible SOUs • 41 to 60 SOUs - 3 accessible SOUs • 61 to 80 SOUs - 4 accessible SOUs • 81 to 100 SOUs - 5 accessible SOUs • 101 to 200 SOUs - 5 accessible SOUs + 1 per 25 (in excess of 100) • 201 to 500 SOUs - 9 accessible SOUs + 1 per 30 (in excess of 200) • More than 500 SOUs- 19 accessible SOUs + 1 per 50 (in excess of 500) |
| <i>Compliance</i> | Complies. |
| <i>Comments</i> | Total number of SOUs in the development = 387 Total number of required Accessible SOUs= 16 Total number of provided Accessible SOUs= 7. This is to be addressed under a performance solution Access has been provided to all common areas Details to be verified at CC stage of works. |
| <i>Requirement</i> | Class 5, 6, 7b, 8, 9a, 9b- Schools and early childhood centres To and within all areas that are normally used by the occupants. |
| <i>Compliance</i> | Complies. |
| <i>Comments</i> | Details to be verified at CC stage of works. |
| <i>Requirement</i> | <u>In areas required to be accessible, the following is to be provided:</u> <ul style="list-style-type: none"> • 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. |
| <i>Compliance</i> | Capable of compliance. |
| <i>Comments</i> | 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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| <i>Requirement</i> | BCA Part D3.2 Access to buildings |
| | Accessway is required from; <ul style="list-style-type: none"> • 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 |
| <i>Compliance</i> | Complies. |
| <i>Comments</i> | 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. |
| <i>Requirement</i> | Accessway is required through: <ul style="list-style-type: none"> • 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. |
| <i>Compliance</i> | Capable of compliance. |
| <i>Comments</i> | Each main entry has been designed to be accessible. Details to be verified at CC stage of works. |
| <i>Requirement</i> | Where Accessible pedestrian entry has multiple doorways <ul style="list-style-type: none"> • 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). |
| <i>Compliance</i> | Capable of compliance. |
| <i>Comments</i> | 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. |
| | |
| <i>Requirement</i> | BCA Part D3.3 Parts of buildings required to be accessible |
| <i>Compliance</i> | Every Ramp (excluding fire-isolated ramp) to be compliant with AS1428.1 and slip resistance of ramp and landings compliant with BCA Table D2.14 |
| <i>Comments</i> | Capable of compliance. Detailed features of the ramp will be assessed with the requirements of AS1428.1 at the CC stage of works. |
| <i>Requirement</i> | Every Walkway to be compliant with AS1428.1 |
| <i>Compliance</i> | Capable of compliance. |
| <i>Comments</i> | 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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| <i>Requirement</i> | Step / Kerb ramp if provided is to be compliant with AS1428.1 and Slip resistance of ramp and landings compliant with BCA Table D2.14 |
| <i>Compliance</i> | N/A |
| <i>Comments</i> | No step / kerb ramps have been identified in the development. |
| <i>Requirement</i> | 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 D2.14 |
| <i>Compliance</i> | Capable of compliance. |
| <i>Comments</i> | 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. |
| <i>Requirement</i> | 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 D2.14 |
| <i>Compliance</i> | Capable of compliance. |
| <i>Comments</i> | 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. |
| <i>Requirement</i> | 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. |
| <i>Compliance</i> | N/A |
| <i>Comments</i> | There are no accessways over 20 M lengths in the development where a direct line of sight is not available. |
| <i>Requirement</i> | 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). |
| <i>Compliance</i> | Complies. |
| <i>Comments</i> | Adequate turning spaces have been provided. Details to be verified at CC stage of works. |
| <i>Requirement</i> | 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 200m ² . |
| <i>Compliance</i> | N/A |
| <i>Comments</i> | |
| <i>Requirement</i> | 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. |
| <i>Compliance</i> | Capable of compliance |
| <i>Comments</i> | 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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| <i>Requirement</i> | BCA Part D3.4 Exemption |
| | Access is not required to be provided in the following areas : <ul style="list-style-type: none"> • 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 |
| | <i>Compliance</i> For information only. |
| <i>Comments</i> | 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. |
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| <i>Requirement</i> | BCA Part D3.5 Accessible Carparking |
| | Class 1b and 3 For boarding house, guest house, hostel etc. Multiply total number of carparking spaces provided by the % of <ul style="list-style-type: none"> • accessible SOUs to the total number of SOUs or • accessible bedrooms to the total number of bedrooms Calculated to the next whole number <p>For residential part of school, accommodation for the aged, disabled or children, residential part of health care building etc.</p> <ul style="list-style-type: none"> • 1 space per 100 carparking spaces. |
| | <i>Compliance</i> N/A |
| <i>Comments</i> | |
| <i>Requirement</i> | Class 6 <ul style="list-style-type: none"> - 1 space per 50 carparking spaces (up to 1000 spaces) and - additional 1 space per additional 100 spaces provided |
| <i>Compliance</i> | N/A |
| <i>Comments</i> | |
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| <i>Requirement</i> | BCA Part D3.6 Signage |
| | 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 |
| | <i>Compliance</i> Capable of compliance. |
| <i>Comments</i> | |
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| <i>Requirement</i> | <p>BCA Part D3.8 Tactile indicators (TGSIs)</p> <p>TGSIs are required when approaching;</p> <ul style="list-style-type: none"> - 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) <p>Compliance is required with AS1428.4.1 including Luminance contrast and slip resistance requirements for all TGSIs.</p> |
| <i>Compliance</i> | Capable of compliance. |
| <i>Comments</i> | <p>In the proposal, TGSIs are required in the following locations:</p> <ul style="list-style-type: none"> • At <u>top and bottom landings</u> of stairways and 1:14 ramps, <u>600-800mm</u> 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 <p>Details to be verified at CC stage of works.</p> |

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| <i>Requirement</i> | <p>BCA Part D3.11 Limitations on Ramps</p> <ul style="list-style-type: none"> • 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 |
| <i>Compliance</i> | Complies |
| <i>Comments</i> | <p>The series of connecting ramps do not exceed a vertical height of 3.6M</p> <p>Details to be verified at CC stage of works.</p> |

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| <i>Requirement</i> | <p>BCA Part D3.12 Glazing on Accessways</p> <p>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</p> |
| <i>Compliance</i> | Capable of compliance |
| <i>Comments</i> | <p>Applies to full length glazing used in common use areas such as lift lobbies and common passageways and in all commercial use areas.</p> <p>Glazing strip selections are to be verified at CC stage of works.</p> |

BCA Part F Accessible Sanitary Facilities
BCA F2.4 Accessible sanitary facilities

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| <i>Requirement</i> | Accessible unisex toilet is to be provided in accessible part of building such that; <ul style="list-style-type: none"> 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. |
| <i>Compliance</i> | Complies. |
| <i>Comments</i> | Common use unisex accessible toilet facilities have been provided in the development. Details to be verified at CC stage of works. |
| <i>Requirement</i> | Accessible unisex toilets are to be designed in accordance with AS1428.1 |
| <i>Compliance</i> | Capable of compliance |
| <i>Comments</i> | The width and length requirements depend on selected fixtures. Minimum size of an accessible toilet is required to be 1.9M x 2.7M after tiling works. To be verified at CC stage of works. |
| <i>Requirement</i> | Ambulant use male / female toilets are to be provided if an additional toilet to the Accessible unisex toilet is provided. |
| <i>Compliance</i> | N/A |
| <i>Comments</i> | No toilets in addition to the accessible toilet have been provided |
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| <i>Requirement</i> | BCA F2.4(a) Accessible unisex sanitary compartments Class 3 / Class 9c aged care 1 within every accessible SOU provided with sanitary compartments. At least 1 when sanitary compartments are provided in common areas. |
| <i>Compliance</i> | Complies. |
| <i>Comments</i> | To be verified at CC stage of works. |
| <i>Requirement</i> | 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 |
| <i>Compliance</i> | Complies. |
| <i>Comments</i> | To be verified at CC stage of works. |
| | |
| <i>Requirement</i> | BCA F2.4(b) Requirements for Accessible unisex showers as per AS1428.1-2009 Class 3 / Class 9c aged care 1 within every accessible SOU provided with showers and At least 1 for every 10 showers provided in common areas. |
| <i>Compliance</i> | N/A |
| <i>Comments</i> | No common use shower facilities have been proposed in the development. |

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| <i>Requirement</i> | 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. |
| <i>Compliance</i> | N/A |
| <i>Comments</i> | No common use shower facilities have been proposed in the development. |

BCA Part E Lift Installations

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| <i>Requirement</i> | In an accessible building, every passenger lift must comply with Tables E3.6(a) and E3.6(b). |
| <i>Compliance</i> | Capable of compliance |
| <i>Comments</i> | Lift floor dimensions (excluding stairway platform lift) are listed below. <ul style="list-style-type: none"> • 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. |
| <i>Requirement</i> | 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 x 2000mm long x 1400mm high above FFL. |
| <i>Compliance</i> | Capable of compliance |
| <i>Comments</i> | Details to be verified at CC stage of works. |

Accessible SOU requirements

7 Accessible SOUs have been provided.

At DA stage there is insufficient information to certify compliance with AS1428.1, however, in accordance with the table below, the units can comply with the spatial requirements of AS1428.1

Accessible SOU requirements as per AS 1428.1

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| <i>Doors</i> | <i>Requirement</i> | All doors including entry door to provide 850mm clear opening space with the necessary door circulation spaces and fixtures as specified under AS1428.1 |
| | <i>Compliance</i> | Capable of Compliance |
| | <i>Comment</i> | Details to be verified at CC stage of works. |
| <i>Bathroom</i> | <i>Requirement</i> | At least 1 Bathroom to accommodate, WC pan, Shower and handwash basin with the necessary fixtures and circulation spaces as specified under AS1428.1 |
| | <i>Compliance</i> | Capable of Compliance |
| | <i>Comment</i> | Details to be verified at CC stage of works. |
| <i>Laundry</i> | <i>Requirement</i> | Where internal laundry provided, provide for a space of 1550mm space in front of laundry appliances. Consideration to be given to accessibility of taps, fixtures and GPO points. |
| | <i>Compliance</i> | Capable of Compliance |
| | <i>Comment</i> | Details to be verified at CC stage of works. |
| <i>Bedroom</i> | <i>Requirement</i> | At least 1 bedroom to have circulation space of 1540mm x 2070mm near base or side of the bed and at least 1M on the other sides. |
| | <i>Compliance</i> | Capable of Compliance |
| | <i>Comment</i> | Details to be verified at CC stage of works. |
| <i>Living/ Dining rooms</i> | <i>Requirement</i> | Adequate circulation space is to be available after the placement of furniture. |
| | <i>Compliance</i> | Capable of Compliance. Circulation space of min. 2250mm diameter is considered to be appropriate. |
| | <i>Comment</i> | Details to be verified at CC stage of works. |
| <i>Circulation spaces</i> | <i>Requirement</i> | Adequate circulation space is to be available at doorways where passageways have been provided. |
| | <i>Compliance</i> | Capable of Compliance |
| | <i>Comment</i> | Details to be verified at CC stage of works. |
| <i>Kitchen</i> | <i>Requirement</i> | Where internal kitchenette provided, accessibility of taps, fixtures and GPO points will be required. Consideration to be given to provision of an 850mm section without base cabinetry to allow for access to benchtop. |
| | <i>Compliance</i> | Capable of Compliance |
| | <i>Comment</i> | Details to be verified at CC stage of works. |
| <i>Balconies and outdoor areas</i> | <i>Requirement</i> | Where access is available from the unit to the outdoor areas such as balconies, an accessible threshold is required, with door tracks if any to be flush with the internal floor level. |
| | <i>Compliance</i> | Capable of Compliance |
| | <i>Comment</i> | Details to be verified at CC stage of works. |
| <i>Flooring</i> | <i>Requirement</i> | All flooring is required to be step free and slip resistant |
| | <i>Compliance</i> | Capable of Compliance |
| | <i>Comment</i> | Details to be verified at CC stage of works. |

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.

**Michael Moutrie**

ACAA Accredited Access Consultant No 581

Statement of experience

Howard Moutrie



Qualifications:

- B. Arch (Hons) Registered Architect ARB Reg. No 4550
- ACAA Accredited Access Consultant Reg. No. 177
- OHS Induction Training,
- OHS – Monitoring a Safe Workplace
- Registered Assessor of Livable Housing Australia (License no 10054)
- 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 Access Committee
Building Professionals Board Access Advisory Panel
ACAA National & NSW Management Committees

Howard Moutrie is an architect and an experienced access consultant with over 15 years experience. Howard has contributed for over 10 years on the Standards Australia Disabled Access 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.

Michael Moutrie



Qualifications:

- ACAA Accredited Access Consultant No 581
- Certificate IV in Access Consulting
- Registered Assessor of Livable Housing Australia (License no 20265)
- Registered Changing Places assessor (No 021)
- 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.