Document Control

Job No: 219234

Principal Author:	ls	ssue.	Revision	Date
Michael Moutrie	-		Original for DA, issued	09-12-2019
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Howard Moutrie				

report

Statement of Compliance Access for People with a Disability

Proposed Aged Care Facility

65-71 Burdett St Hornsby

Accessible Building Solutions

124 Upper Washington Drive Bonnet Bay NSW 2226

P (office) 0415 255 163 P (Howard) 0414 876 539 P (Michael) 0450 334 995 E <u>michael@absaccess.com.au</u>



accessible building solutions

Report

Report Type:Statement of Compliance - BCA Access ProvisionsDevelopment:65-71 Burdett St Hornsby

Introduction:

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

- DA 06 Basement Plan DA 07 Lower Ground Floor Plan
- DA 07 Lower Ground Floor Plan DA 08 Ground Floor Plan
- DA 09 First Floor 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.

This report and the drawings in this report are a copyright of Accessible Building Solutions and can only be used for the purposes of this particular project and can only be modified by Accessible Building Solutions. This document may also contain Standards Australia Ltd copyrighted material which may not be reproduced.

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).

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- P (office) 0415 255 163
- P (Michael) 0450 334 995
- E michael@absaccess.com.au

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 an aged care facility with basement carparking

Under the BCA the building is classified as follows,

- Class 7a (car park)
- Class 9c (aged care building)

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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
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	Class 9c From pedestrian entrance to 1 level 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. • 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 • 101 to 200 SOUs - 9 accessible SOUs + 1 per 25 (in excess of 100) • 201 to 500 SOUs - 19 accessible SOUs + 1 per 50 (in excess of 500)
Compliance	Complies.
Comments	Total number of SOUs in the development = 102 Total number of required Accessible SOUs= 6 Total number of provided Accessible SOUs= 6 to be addressed under a performance solution at CC stage 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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Requirement	BCA Part D3.2 Access to buildings 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
Compliance	Accessible car parking spaces Complies.
Comments	Level access has been provided from the main pedestrian entry at the site boundary.
	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 Comments	Capable of compliance. The development has only 1 main entry which has been designed to be accessible.
Comments	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 D3.3 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 D2.14
Compliance	N/A No ramps have been identified in the development.
Comments	
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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Requirement	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
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 D2.14
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 D2.14
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	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 resident 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 D3.4 Exemption Requirement Access is not required to be provided in the following areas : 		
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 For information only. 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. Where exclusive staff only use areas have been nominated in an aged care facility, then the staff only use amenities can be excluded from providing access based on the provisions in this clause. BCA Part D3.5 Accessible Carparking 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. N/A Accessible carparking spaces shall have pavement marking in accordance with AS 2890.6. Compliance Requirement Requirement Returnments Requirement Returnment Returnments Requirement<td></td><td>BCA Part D3.4 Exemption</td>		BCA Part D3.4 Exemption
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	BCA Part D3.8 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.
Compliance	Capable of 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 mid landings of stairway and 1:14 ramp, <u>300-400mm</u> depth or min 6 discrete cones are required only where handrails are not continuous 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.
Requirement	Concession from providing TGSIs in certain buildings In a Class 3 (accommodation for aged), Class 9a (health care), Class 9c (aged care), TGSIs are not required at stairway and ramps, if handrails are provided with a dome button on the top of the handrail, 150+/-10mm from the end of the handrail and of size 4-5mm in height, 10-12mm in diameter.
Compliance	For information only.
Comments	Under the provisions of this Clause, TGSIs are not required to be provided in this development. Details to be verified at CC stage of works.
	BCA Part D3.11 Limitations on Ramps
Requirement	A series of connecting ramps cannot have a vertical height of 3.6M
Compliance	A landing for a step ramp cannot overlap a landing for another ramp N/A
Comments	No ramps have been provided in the development.

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	BCA Part D3.12 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 F2.4 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 Complies. Comments Common use unisex accessible toilet facilities have been provided in the development. Details to be verified at CC stage of works. Requirement Accessible unisex toilet are to be designed in accordance with AS1428.1 Compliance Capable of compliance Comments 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. Requirement Ambulant use male / female toilets are to be provided if an additional toilet to the Accessible unisex toilet is provided. Compliance N/A. No sanitary facilities in addition to the accessible toilet have been provided in the Comments development. BCA F2.4(a) Accessible unisex sanitary compartments Requirement 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. Compliance Complies. Comments To be verified at CC stage of works.

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	BCA F2.4(b) Requirements for Accessible unisex showers as per AS1428.1-2009
Requirement	
	1 within every accessible SOU provided with showers and
	At least 1 for every 10 showers provided in common areas.
Compliance	N/A
Comments	No common use shower facilities have been proposed in the development.

	DCA Fait L Litt installations
Requirement	In an accessible building, every passenger lift must comply with Tables E3.6(a) and E3.6(b).
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 x 2000mm long x 1400mm high above FFL.
Compliance	Capable of compliance
Comments	Details to be verified at CC stage of works.

BCA Part E Lift Installations

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SEPP Seniors Living - Location and Access To Facilities

Clause 26 of SEPP Seniors Living requires:

(1) A consent authority must not consent to a development application made pursuant to this Chapter unless the consent authority is satisfied, by written evidence, that residents of the proposed development will have access that complies with subclause (2) to:

(a) shops, bank service providers and other retail and commercial services that residents may reasonably require, and

(b) community services and recreation facilities, and

(c) the practice of a general medical practitioner.

(2) Access complies with this clause if:

(a) the facilities and services referred to in subclause (1) are located at a distance of not more than 400 metres from the site of the proposed development that is a distance accessible by means of a suitable access pathway and the overall average gradient for the pathway is no more than 1:14, although the following gradients along the pathway are also acceptable:
(i) a gradient of no more than 1:12 for slopes for a maximum of 15 metres at a time,

(ii) a gradient of no more than 1:10 for a maximum length of 5 metres at a time,

(iii) a gradient of no more than 1:8 for distances of no more than 1.5 metres at a time, or
(b) in the case of a proposed development on land in a local government area within the
Sydney Statistical Division-there is a public transport service available to the residents who will occupy the proposed development:

(i) that is located at a distance of not more than 400 metres from the site of the proposed development and the distance is accessible by means of a suitable access pathway, and
(ii) that will take those residents to a place that is located at a distance of not more than 400 metres from the facilities and services referred to in subclause (1), and

(iii) that is available both to and from the proposed development at least once between 8am and 12pm per day and at least once between 12pm and 6pm each day from Monday to Friday (both days inclusive), and the gradient along the pathway from the site to the public transport services (and from the public transport services to the facilities and services referred to in subclause (1)) complies with subclause (3)

(3) For the purposes of subclause (2) (b), the overall average gradient along a pathway from the site of the proposed development to the public transport services (and from the transport services to the facilities and services referred to in subclause (1)) is to be no more than 1:14, although the following gradients along the pathway are also acceptable:

(i) a gradient of no more than 1:12 for slopes for a maximum of 15 metres at a time,

(ii) a gradient of no more than 1:10 for a maximum length of 5 metres at a time,

(iii) a gradient of no more than 1:8 for distances of no more than 1.5 metres at a time.

(4) For the purposes of subclause (2):

(a) a **"suitable access pathway"** is a path of travel by means of a sealed footpath or other similar and safe means that is suitable for access by means of an electric wheelchair, motorised cart or the like, and

(b) distances that are specified for the purposes of that subclause are to be measured by reference to the length of any such pathway.

(5) In this clause:

"bank service provider" means any bank, credit union or building society or any post office that provides banking services.

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The site is located at 65-71 Burdett St Hornsby. The site is served by bus route 575 which provide access to Hornsby Station and a great range of facilities located at Westfield Hornsby. The bus route serving the area is indicated below.



The site '

Bus stops are located within approximately 302m of the site, travelling in either direction as shown on aerial photo below.



The route provide regular services running to a timetable of approximately every 30minutes during the time window required under the SEPP, which only requires at least 1 service in either direction is available in the morning and afternoon between 8am and 6pm.

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- P (Michael) 0450 334 995
- E michael@absaccess.com.au

Based on our investigation using a Bosch Inclinometer the distance to the bus stops is approximately 302m with an average travel gradient of approximately 1:60. The steepest section is in the middle of Balmoral Street with a gradient of around 1:20. The crossing at Balmoral/Northcote intersection, for the return bus stop uses kerb ramps and driveways and provides good visibility in all directions. It is considered it that this provides a safe access route in accordance with Clause 38.



View along Balmoral Street

The SEPP requires access to the following facilities:

- Shops, banks and retail and commercial services normally required
- Community and recreation facilities
- A general medical practitioner

Where access to the services is by bus, the SEPP requires that the services be available within 400m of the bus stop at that centre. For the purpose of verification, the Hornsby Westfield centre will be investigated in more detail.

Bus Route 575 stops directly opposite the Edgeworth David Drive entry and a compliant access ramp provides access into the facility. The travel to the entry from the bus stop is approximately 150m with an average gradient of approximately 1:20 - 1:14. A pedestrian crossing with traffic lights provides safe crossing of the road. See photo below.



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The centre provides a full array of stores including Department Stores such as David Jones and target, Chemist, Medical centre, Optometrist, Cafes, ATMs and Banks and recreational facilities such as gym and cinemas, all accessible within 250m of the entry and thus 400m from the bus stop.

Finally, in making this assessment consideration must be given to the type of facility and the abilities of the residents of the facility. Being a Class 9C building, many of the residents will not be capable of independently accessing these facilities. All meals are provided within the facility and a café and appropriate recreational facilities are provided with nursing staff on hand and a general medical practitioner visiting the facility as required. In the Land & Environment Court case *Principal Healthcare Finance v Ryde City Council* it was determined that the provision of services and facilities on site would diminish the need to provide access to those services outside the site.

On the basis of the above assessment, I am satisfied that accessible paths to facilities, and to transport which provides access to facilities, are located within 400m of the site and have an average gradient of 1:14 or less in accordance with the requirements of Clause 26 of SEPP Housing for Seniors or People With A Disability.

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 and SEPP Seniors Living.

Martie

Howard Moutrie ACAA Accredited Access Consultant No 177

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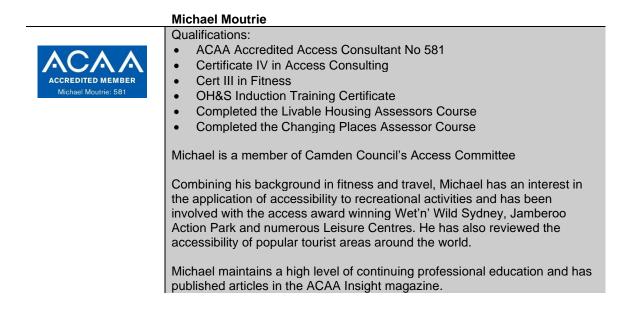


Statement of experience

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 Design Review Panel Sutherland Council Access Committee City of Sydney Access Panel 2010 Building Professionals Board Access Advisory Panel ACAA Management Committee ACAA NSW Network of Access Consultants Management Committee Howard Moutrie is an architect with over 30 years of experience and is an experienced practicing 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 maintains a high level of continuing education programs and 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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