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# ACCESSIBILITY COMPLIANCE REPORT

For DA Application

Project Address:	Building 28 Western Sydney University 2 BulleCourt Ave, Milperra NSW	Issue No
Prepared For:	Mirvac	Issue Dat
		Report N

7/12/2024
A-24190

#### **Report Register:**

The following report register documents the development and issue of this report as undertaken by Access Link Consulting Pty Ltd

Report No.	Issue No.	Issue Date	Report Details
DA-24190	А	31/10/2024	DRAFT Issue
DA-24190	В	06/11/2024	DRAFT Issue
DA-24190	С	17/12/2024	Issue for DA

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# 1.0 - Report Purpose:

This assessment has been undertaken to the necessary level to issue a DA "Development Application" under the environmental planning and assessment Act. based on the information provided.

The subject project achieves the spatial requirements to provide access for people with disability under the relevant standards and codes, it is required that a detailed assessment to be undertaken covering but not limited of internal fit-out, details for stairs, ramps, finishes, amenities and other features to occur at CC "Construction Certificate" stage.

By adopting the recommendation set in this report, compliance with the report basis will be achieved and equable and dignified access for all users of the building/facility will be provided.

## 2.0 – Project Description and Use:

The proposed project comprises of a single-storey childcare centre in an existing building.

## 3.0 – Project Classification:

### This accessibility compliance report for a proposed building with classification as set below:

Class 9b

**Note**: The classification/s above is our understating of the relevant BCA classification/s. BCA consultant/certifier must confirm and determine the BCA classifications.

## 4.0 – Report Basis:

### This report is based in the context of:

- National Construction Code 2022 Volume One Building Code of Australia (BCA).
  - D1P1, D1P2
  - E3P4
  - F4P1
  - Parts of D1, D4, E3 and F4
- AS 1428.1 2009
- AS 1428.4.1 2009
- AS 1735.12 1999
- Disability (Access to Premises-Building) Amended Standards 2010
- Australian Human Rights Commission's Guidelines on application of APS version 2.

## 5.0 – Disability Discrimination Act & Premises Standard 2010:

The Disability Discrimination Act (1992) (DDA) protects everyone in Australia against discrimination based on disability ranging from, but not limited to mobility, sensory and cognitive disabilities. There is no doubt that the introduction of the Premises Standards has led to widespread and important improvements in the accessibility world and safety of all new and upgraded public building in Australia.

Section 32 of the DDA makes it unlawful to contravene a provision of a disability standard & the persons responsible who fail to address the 'affected part' requirements when triggered for a building could be subject to complaint under the DDA as a result.

If there is a difference between the technical requirements of the Access Code and any document referenced in the Access Code, including Australian Standards, the Access Code takes precedence.

Access Link Consulting Pty Ltd ABN: 98 608 506 663 The basic trigger for the application of the Premises Standards is when any building work is undertaken that requires building/construction approval. A building certifier, building developer or building manager of a relevant building must ensure that the building complies with the Access to Premises Standards.

The scope of the DDA also includes the area of the room measured within the finished surfaces of the walls, and includes the area occupied by any cupboard or other built-in furniture, fixture, or fittings.

### Scope of Standards:

A part of a building is a **new part** of the building if it is an extension to the building or a modified part of the building about which:

(a) an application for approval for the building work is submitted, on or after 1 May 2011, to the competent authority in the State or Territory where the building is located; or

(b) all of the following apply:

(i) the building work is carried out for or on behalf of the Crown;

(ii) the building work commences on or after 1 May 2011;

(iii) no application for approval for the building work is submitted, before 1 May 2011, to the competent authority in the State or Territory where the building is located.

### An *affected part* is:

(a) the principal pedestrian entrance of an existing building that contains a new part; and(b) any part of an existing building, that contains a new part, that is necessary to provide a continuous

Accessible path of travel from the entrance to the new part.

## 6.0 – Assessed Drawings:

Drawing No.	Drawing Title	Issue	Issue Date
DA09	Ground Floor Proposed	ļ	11/12/2024

# 7.0 – Copyright

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## 8.0 – Exclusions and Liabilities

- 8.1 This Clause operates simultaneously with the terms set out in Access Link Consulting Pty Ltd.'s Fee Proposal/Cost Agreement.
- 8.2 Access Link Consulting Pty Ltd is only retained for the purpose of producing information relating to Access in the context of the codes, standards, regulations and guidelines listed in Clause 4.0 of this report. Access Link Consulting Pty Ltd is not liable for producing any other information outside this context.
- 8.3 The client acknowledges the following:
  - 8.3.1 This report is solely for the purpose of reviewing, identifying and advising on Access issues/Access related provisions of the BCA.
  - 8.3.2 This report does not identify or cover any information, compliance matters or issues that are related to other services associated to this project.

The client is aware that it is the architect's responsibility to coordinate and check all services against the information and requirements provided in this report to ensure that compliance has been met and achieved.

8.3.3 This report does not identify or cover any information, compliance matters or issues in relation to the construction stage of this project.The client is aware that it is the builder's responsibility to coordinate and check that all the

information and requirements provided in this report are met and achieved during the construction stage of this project.

- 8.3.4 This report does not identify or cover checks for:
  - a) Slip resistance in surfaces such as set areas, parking areas, common spaces or stairs; and/or,b) Wall reinforcement once the walls have already been constructed.

The client is aware that it is the builder's responsibility to ensure that the requirements are met as per AS 1428.1, AS 4299, AS 2890, AS 3661, AS 4586 and any other relevant codes that may arise.

- 8.3.5 Our Report does not assess compliance matters related to the following:
  - a. Work, Health and Safety;
  - b. Structural design;
  - c. Service Design; and/or,
  - d. Parts of the Disability Discrimination Act other than those that relate to the APS, Parts of BCA or Parts of AS other than those directly referenced in our Report.
- 8.3.6 Access Link Consulting Pty Ltd does not guarantee or warrant that our Report is correct or complete and will not be liable for any losses arising from the reliance upon or use of our Report.
- 8.3.7 Should the Client engage services with another certifier or access consultant, we are not liable if that certifier or access consultant comes to a different conclusion in their report.
- 8.4 Access Link Consulting Pty Ltd is therefore not liable for any other services that are associated to this project.
- 8.5 Except as required by law, Access Link Consulting Pty Ltd is not liable for any inaccurate or incorrect information in this report supplied by SAI Global Ltd.
- 8.6 This document/report is based on the classification of this project and the drawings set out in Clause 6.0 of this report. In the event that changes are made to the classification or drawings, this report will be deemed invalid and will be required to be updated accordingly.

Yours Sincerely, Assessed by

Jessica Bechara Associate Access Consultant ACA No. 809

Peer Reviewed by

Rami Shakour Director ACA No. 488

# **Checklist Assessment** Related to the Requirements Set in the BCA

The extract clauses from the NCC 2022 Volume 1 - BCA below to be read in full format as set in the National Construction Code 2022 Volume 1 - Building Code of Australia.

Part D3 – Construction of exits			
D3D22 Handrails	ADR	N/A	С
In a Class 9b building used as a primary school or a building that contains an early childhood centre except for handrails referenced in D3D23, handrails must:			
Class 9b I. Have a handrail fixed at a height of not less than 865mm			$\checkmark$
<ul> <li>In addition to (i), have a handrail</li> <li>(a) fixed at a height between 665 mm and 750 mm in a primary school</li> <li>(b) With a cross-sectional dimension not less than 16mm and not greater than 45mm as measured in any direction across its centre and fixed at a height</li> </ul>		$\checkmark$	$\Box$
between 450mm and 700mm in a Class 9b early childhood centre III. in any other case, be fixed at a height of not less than 865 mm; and IV. be continuous between stair flight landings and have no obstruction on or above them that will tend to break a hand-hold			$\checkmark$
Reference: Figure 9			
Notes: See Att. 01 – can be compliant at CC stage			
D3D26 Operation of latch	ADR	N/A	С
The requirements of (1) and (2) do not comply for a door that complies with (4) and serves: <b>Class 9b</b>			
I. The secure parts of an early childhood centre; and			$\checkmark$
II. Can be immediately unlocked by hand by a person/s, specifically nominated by the owner unlocked properly instructed as to the duties and responsibilities involved and available at all times when the building is lawfully occupied so that persons in the building or part may immediately escape if there is a fire			$\checkmark$
References: Figure 29			
Notes: See Att. 01 – can be compliant at CC stage			

Part D4 – Access For People with Disability			
D4D2 General Building Access Requirements	ADR	N/A	С
Class 9b – Schools and early childhood centres • To and within all areas normally used by the occupants Reference: Figure 1, Figure 2, Figure 3 Notes: See Att. 01 – can be compliant at CC stage			$\checkmark$
<ul> <li>Class 7a</li> <li>To and within any level containing accessible car parking spaces.</li> </ul>		$\checkmark$	
D4D3 Access To Buildings	ADR	N/A	С
<ul> <li>(a) Access way must be provided to a building;</li> <li>I. From the main points of a pedestrian entry at the allotment boundary</li> <li>II. From another accessible building connected by a pedestrian link</li> <li>III. From any required accessible car parking space on the allotment</li> <li>Notes: An existing continuous accessible path of travel is provided from the existing</li> <li>accessible parking space and existing boundary to the main entry of the existing childcare.</li> <li>Gradient and falls are to achieve compliance at CC stage and in accordance with AS1428.1</li> </ul>		✓ ✓ ✓	
<ul> <li>(b) In a building required to be accessible,</li> <li>I. an accessway must be provided through the principal pedestrian entrance,</li> <li>II. through not less than 50% of all pedestrian entrances including the principal pedestrian entrance; and</li> </ul>			$\checkmark$
<ul> <li>in a building with a total floor area more than 500 m2, a pedestrian entrance which is not accessible must not be located more than 50 m from an accessible pedestrian entrance.</li> </ul>		$\checkmark$	
Notes: See Att. 01 – can be compliant at the CC stage			
<ul> <li>(c) Where a pedestrian entrance required to be accessible has multiple doorways — <ol> <li>if the pedestrian entrance consists of not more than 3 doorways — not less than 1 of those doorways must be accessible;</li> <li>if a pedestrian entrance consists of more than 3 doorways — not less than 50% of those doorways must be accessible</li> </ol> </li> <li>Notes: See Att. 01 – can be compliant at the CC stage</li> </ul>		□ ✓	✓ □
(d) Access way must have a clear opening of 850mm in accordance with 1428.1 Reference: Figure 23 Notes: See Att. 01 – can be compliant at the CC stage			$\checkmark$
D4D4 Access To Buildings	ADR	N/A	с
<ul> <li>(a) every ramp and stairway must comply with;</li> <li>I. For a ramp, clause 10 of AS 1428.1</li> <li>II. For a stairway, clause 11 of AS 1428.1</li> <li>III. For a fire isolated stair, clause 11.1(f) and (g) of AS 1428.1</li> </ul>		✓ ✓ ✓	
(b) every passenger lift must comply with E3D7 and E3D8		$\checkmark$	
<ul> <li>(c) access ways must have;</li> <li>I. Passing spaces complying with AS 1428.1</li> <li>II. Turning spaces complying with AS 1428.1 <ul> <li>i. Within 2m of the end of access ways where it is not possible to continue.</li> <li>ii. at maximum 20m intervals along the access way</li> </ul> </li> <li>Reference: Figure 1, Figure 2, Figure 3</li> </ul>			✓ ✓ □
Notes: See Att. 01 – can be compliant at the CC stage			

(d) an intersection of access way satisfies the spatial requirements for a passing and turning space Reference: Figure 1 Notes: See Att. 01 – can be compliant at the CC stage					
(e) a passing space may serve as a turning space Reference: Figure 1 Notes: See Att. 01 – can be compliant at the CC stage					
<ul> <li>(f) a ramp complying with AS 1428.1 or a passenger lift need not be provided to serve a storey or level other than the entrance storey in class 5, 6, 7b or 8</li> <li>I. Containing not more than 3 storeys and</li> <li>II. With a floor area for each storey, excluding the entrance storey, of not more than 200m<sup>2</sup></li> </ul>					
exceeding 4mm			$\checkmark$		
(h) the carpet pile height or pile thickness dimension, carpet backing thickness dimension and their combined dimension shown in Figure 8 of AS 1428.1 do not apply and are replaced with 11 mm, 4 mm and 15 mm respectively <b>Notes: See Att. 01 – can be compliant at the CC stage</b>					
esistance requirements/classification when tested			✓		
P5 or R12 P4 or R11					
P4 or P11					
P4					
Nosing or landing edge strip       P3       P4         Notes: Can be compliant at CC stage – the builder must provide a certificate stating that the slip resistance of all surfaces complies with the above table D3D15 when tested in accordance with AS4586					
	ADR	N/A	С		
D4D5 Exemptions Areas are not required to be accessible; (a) when access is not inappropriate because of particular purpose for which the area is used (b) an area which poses a health or safety risk for people with disability (c) path of travel providing access only to an area exempt by (a) or (b) Notes: Areas such cot room, storage areas, pump room, switch room and services room are not required to be accessible. Where exclusive staff-only use areas have been nominated, then the staff only use amenities can be excluded from providing access based on the provisions in this clause.					
	at the CC stage         ig space         at the CC stage         in passenger lift need not be provided to serve a torey in class 5, 6, 7b or 8         reys and         y, excluding the entrance storey, of not more than         apply. Replaces with pile thickness not exceeding exceeding 4mm         at the CC stage         is dimension, carpet backing thickness dimension Figure 8 of AS 1428.1 do not apply and are respectively         it the CC stage         is BCA         esistance requirements/classification when tested on         conditions         Vet surface conditions         P4 or R11         es with the above table D3D15 when tested in	a the CC stage       Image: CC stage       Image: CC stage         a passenger lift need not be provided to serve a torey in class 5, 6, 7b or 8 reys and y, excluding the entrance storey, of not more than y, excluding the entrance storey, of not more than the CC stage       Image: CC stage         a apply. Replaces with pile thickness not exceeding exceeding 4mm to the CC stage       Image: CC stage         is dimension, carpet backing thickness dimension Figure 8 of AS 1428.1 do not apply and are respectively to the CC stage       Image: CC stage         is BCA       Image: CC stage       Image: CC stage         is BCA       Image: CC stage       Image: CC stage         is builder must provide a certificate stating that es with the above table D3D15 when tested in       ADR         ause of particular purpose for which the area is y risk for people with disability on area exempt by (a) or (b) eas, pump room, switch room and services room       Image: CC stage is provide a certificate stating that eas is purp room, switch room and services room	a the CC stage   is space   is the CC stage   is passenger lift need not be provided to serve a torey in class 5, 6, 7b or 8   treys and   iy, excluding the entrance storey, of not more than   apply. Replaces with pile thickness not exceeding exceeding 4mm   the CC stage   is dimension, carpet backing thickness dimension Figure 8 of AS 1428.1 do not apply and are respectively   the CC stage   is BCA   esistance requirements/classification when tested on   conditions   Vet surface conditions   P4 or R11   P4 or R11		

D4D6 Accessible car parking	ADR	N/A	С
<ul> <li>(a) Accessible parking spaces must be provided;</li> <li>I. Class 7a required to be accessible</li> <li>II. A car parking area on the same allotment as a building required to be accessible</li> <li>(b) Not required in class 7a where a parking service is provided and direct access to any of the car parking spaces is not available to the public.</li> </ul>		√ √	
<ul> <li>(c) must comply AS/NZS 2890.6</li> <li>(d) need not be identified with signage where there is a total of not more than 5 carparking spaces, so as to restrict the use of the carparking space only for people with a disability.</li> <li>Notes: Existing accessible parking bay remains untouched</li> </ul>		√ √	
Class 9b 1 space for every 100 carparking spaces or part thereof Notes: Existing accessible parking bay remains untouched		√	
D4D7 Signage	ADR	N/A	С
<ul> <li>(a) braille and tactile signage must incorporate the international symbol of access or deafness in accordance with AS 1428.1 and identify: <ol> <li>sanitary facility (except within a sole-occupancy unit in a Class 1b or Class 3 building)</li> </ol> </li> </ul>			$\checkmark$
<ul> <li>II. Space with a hearing augmentation system.</li> <li>III. Identify each door required by E4D5 with an exit sign which states:</li> <li>"Exit" and "Level" followed by <ul> <li>(a) the floor level number; or</li> <li>(b) a floor level descriptor; or</li> <li>(c) a combination of (a) and (b);</li> </ul> </li> </ul>		$\checkmark$	□ ✓
Reference: Figure 17, Figure 18 Notes: See Att. 01 – can be compliant at CC stage			
<ul> <li>(b) signage including the international symbol for deafness in accordance with AS 1428.1</li> <li>must be provided within a room containing a hearing augmentation system identifying— <ol> <li>The type of hearing augmentation.</li> </ol> </li> <li>The area covered within the room.</li> </ul>		$\checkmark$	
If receivers are being used and where the receivers can be obtained.			
(c) Signage in accordance with AS 1428.1 must be provided for accessible unisex sanitary facilities to identify if the facility is suitable for left (LH) or right (RH) handed use. Reference: Figure 17			$\checkmark$
Notes: See Att. 01 – 1 'LH' accessible WC has been provided and can be compliant at CC stage			
(d) Signage to identify an ambulant accessible sanitary facility in accordance with AS 1428.1 must be located on the door of the facility.		√	
(e) where a pedestrian entrance is not accessible, directional signage in accordance with AS 1428.1 must be provided to direct a person to the location of the nearest accessible pedestrian entrance.		$\checkmark$	
(f) where a bank of sanitary facilities is not provided with an accessible unisex sanitary facility, directional signage in accordance with AS 1428.1 must be placed at the location of the sanitary facilities that are not accessible, to direct a person to the location of the nearest accessible unisex sanitary facility.		$\checkmark$	
g) in a building subject to F4D12, directional signage complying with Specification D3.6 must be provided at the location of each—			
<ul> <li>i. bank of sanitary facilities; and</li> <li>ii. accessible unisex sanitary facility, other than one that incorporates an accessible</li> <li>adult change facility, to direct a person to the location of the nearest accessible</li> <li>adult change facility within that building.</li> </ul>		✓ ✓	

All braille and tactile signage must comply with Specification D4D7 braille and tactile signs Reference: Figure 19 Notes: See Att. 01 – can be compliant at CC stage			$\checkmark$
D4D8 Hearing augmentation	ADR	N/A	С
<ul> <li>(a) a hearing augmentation system must be provided where an inbuilt amplification system other than the one used only for emergency warning, is installed; <ol> <li>In a room in a Class 9b building</li> <li>In an auditorium, conference room, meeting room or room for judicatory purposes</li> <li>At any ticket office, teller's booth, reception area or the like, where the public is screened from the service provider</li> </ol></li></ul>		√ √ √	
D4D9 Tactile indicators	ADR	N/A	С
<ul> <li>(a) For a building required to be accessible, tactile ground surface indicators must be provided to warn people who are blind or have a vision impairment that they are approaching— <ol> <li>A stairway, other than a fire-isolated stairway.</li> <li>An escalator.</li> </ol> </li> <li>II. A passenger conveyor or moving walk.</li> <li>IV. A ramp other than a fire-isolated ramp, step ramp, kerb ramp or swimming pool ramp.</li> <li>V. Under an overhead obstruction less than 2 m above floor level, other than a doorway if no barrier is present.</li> <li>VI. Or when an access way meets a vehicular way adjacent to any pedestrian entrance to a building, if there is no kerb or kerb ramp present.</li> <li>(b) Tactile ground surface indicators must comply with sections 1 and 2 of AS/NZS 1428.4.1.</li> <li>(c) A hostel for the aged, nursing home for the aged, a residential aged care building Class 3 accommodation for the aged, Class 9a health-care building or a Class 9c building need not comply with (a)(i) and (iv) if handrails incorporating a raised dome button in accordance with the requirements for stairway handrails in AS 1428.1 are provided to warn people who are blind or have a vision impairment that they are approaching a stairway or ramp.</li> </ul>			
D4D10 Wheelchair seating spaces in Class 9b assembly buildings	ADR	N/A	С
Only applicable for class 9b building		$\checkmark$	
D4D11 Swimming pools	ADR	N/A	С
Only applicable where swimming pool is provided		$\checkmark$	
D4D12 Ramps	ADR	N/A	С
<ul><li>(a) a series of connected ramps must not have a combined vertical rise of more than 3.6m</li><li>(b) a landing for a step ramp must not overlap a landing for another step ramp or ramp</li></ul>		$\checkmark$	
D4D13 Glazing on an access way	ADR	N/A	С
On an access way where there is no chair rail, handrail or transom, all frameless of fully glazed doors, sidelights and any glazing capable of being mistaken for a doorway or opening, must be clearly marked in accordance with AS 1428.1 Reference: Figure 16 Notes: See Att. 01 – can be compliant at CC stag. Selection of glazing strips as specified in this section will lead to compliance at construction stage. This to be confirmed at CC stage.			V



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Figure 18

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## 3. Braille and tactile sign specification

- (a) Tactile characters must be raised or embossed to a height of not less than 1 mm and not more than 1.5 mm.
- (b) Sentence case (upper case for the first letter of each main word and lower case for all other letters) must be used for all tactile characters, and—
  - (i) upper case tactile characters must have a height of not less than 15 mm and not more than 55 mm, except that the upper case tactile characters on a sign identifying a door *required* by E4.5 to be provided with an *exit* sign must have a height of not less than 20 mm and not more than 55 mm; and
  - lower case tactile characters must have a height of 50% of the related upper case characters.
- (c) Tactile characters, symbols, and the like, must have rounded edges.
- (d) The entire sign, including any frame, must have all edges rounded.
- (e) The background, negative space or fill of signs must be of matt or low sheen finish.
- (f) The characters, symbols, logos and other features on signs must be matt or low sheen finish.
- (g) The minimum letter spacing of tactile characters on signs must be 2 mm.
- (h) The minimum word spacing of tactile characters on signs must be 10 mm.
- (i) The thickness of letter strokes must be not less than 2 mm and not more than 7 mm.
- (j) Tactile text must be left justified, except that single words may be centre justified.
- (k) Tactile text must be Arial typeface.

Figure 19

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D	L	wн	WL
850	1240	560	660
900	1210	510	660
950	1175	460	660
1000	1155	410	660



Dimension Dimension Dimension

D	L	W <sub>H</sub>	WL
850	1450	0	510
900	1450	0	510
950	1450	0	510
1000	1450	0	510

(c) Either side approach, door opens away from user

(d) Front approach, door opens away from user

LEGEND:

D = Clear opening of width of doorway

- L = Length
- $W_{H} = Width-hinge side$  $W_{I} = Width-latch side$
- Direction of approach
- ---- = Circulation space

DIMENSIONS IN MILLIMETRES

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## Part D4 – Attachments

# The attachments below are extracted from the Architectural Plans provided and are to be read as set and referenced in each section of part D4



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AS 1428.1 – Additional Requirements			
The additional requirements set below to be read in full	ADR	N/A	С
<ol> <li>Access ways:         <ul> <li>All access ways must have a minimum width of 1m clear and a vertical clearance of at least 2m.</li> </ul> </li> <li>Reference: Figure 24, Figure 25         <ul> <li>Notes: See Att. 01 – can be compliant at CC stage</li> </ul> </li> </ol>			$\checkmark$
<ul> <li>2. Doorway general requirements: <ul> <li>All doorways are to be in accordance with AS1428.1.</li> <li>Door thresholds are to be level or they can incorporate a threshold ramp as per AS1428.1</li> <li>Distance between successive doorways in airlocks to be 1450mm which is measured when the door is in an open position in case of swinging doors</li> </ul> </li> <li>Reference: Figure 23, Figure 27, Figure 28 Notes: See Att. 01 – can be compliant at CC stage</li></ul>			✓ ✓ ✓
<ul> <li>Door hardware:         <ul> <li>Door hardware including door handles, door closers, snibs (in accessible toilets) are required to be as per the requirements in AS1428.1</li> </ul> </li> <li>Reference: Figure 29         <ul> <li>Notes: See Att. 01 – can be compliant at CC stage</li> </ul> </li> </ul>			V
<ul> <li>4. Luminance contrast requirements:         <ul> <li>All doorways are to have a minimum luminance contrast of 30% and the minimum width of 50mm provided as per AS1428.1</li> </ul> </li> <li>Reference: Figure 30         <ul> <li>Notes: See Att. 01 – can be compliant at CC stage</li> </ul> </li> </ul>			$\checkmark$
<ul> <li>5. Floor Surfaces: <ul> <li>Use slip resistant surfaces. The texture of the surface shall be traversable by people who use a wheelchair and those with an ambulant or sensory disability.</li> <li>Abutment of surfaces shall have a smooth transition. Construction specifications to be as per AS1428.1.</li> <li>Any grates along the path must be as per AS1428.1</li> </ul> </li> <li>Reference: Figure 31 <ul> <li>Notes: See Att. 01 – can be compliant at CC stage</li> </ul> </li> </ul>			✓
<ul> <li>6. Switches and Outlets: <ul> <li>All switches and controls on an accessible path of travel, other than general purpose outlets, shall be located not less than 900 mm nor more than 1100 mm above the plane of the finished floor and not less than 500 mm from internal corners.</li> <li>GPOs to be located between 600-1100mm above FFL and minimum of 500mm from any internal corners.</li> <li>Rocker action / toggle switches to be provided in with a minimum size of 30mmx30mm</li> <li>Push pad switches if used to have a minimum dimension of 25mm diameter</li> <li>All switches in sanitary facilities are to be located as per AS1428.1</li> </ul> </li> <li>Reference: Figure 32 Notes: See Att. 01 – can be compliant at CC stage</li></ul>			*

# **Additional Requirements – References**

### The references below to be read as set and referenced in each section of Additional Requirements



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## 4. Luminance contrast

The following applies to luminance contrast:

- (a) The background, negative space, fill of a sign or border with a minimum width of 5 mm must have a *luminance contrast* with the surface on which it is mounted of not less than 30%.
- (b) Tactile characters, icons and symbols must have a minimum *luminance contrast* of 30% to the surface on which the characters are mounted.
- (c) Luminance contrasts must be met under the lighting conditions in which the sign is to be located.



Part E3 – Lift Installations			
E3D3 Stretcher facility lifts	ADR	N/A	С
<ul> <li>(a) a stretcher facility in accordance with (b) must be provided;</li> <li>I. In at least one emergency lift required by E3D5</li> <li>II. When an emergency lift is not required, if passenger lifts are installed to serve any storey above an effective height of 12m, in at least one of those lifts to serve each floor served by the lifts</li> </ul>		~	
(b) a stretcher facility must accommodate a raised stretcher providing a clear space not less than 600mm wide x 2000mm long x 1400mm high above the floor level		$\checkmark$	
E3D7 Passenger lift types and their limitations	ADR	N/A	С
<ul> <li>(1) In an accessible building, every passenger lift must be one of the following lift types, subject to the limitations (if any) of each lift type: <ul> <li>(a) There are no limitations on the use of electric passenger lifts, electrohydraulic passenger lifts or inclined lifts.</li> </ul> </li> <li>A passenger lift referred to in (1) must not rely on a constant pressure device for its operation if the lift car is fully enclosed.</li> </ul>		✓	
E3D8 Accessible features required for passenger lifts	ADR	N/A	С
<ul> <li>Stairway platform lift; Must Not – <ul> <li>(a) be used to serve a space in a building accommodating more than 100 persons calculated according to D2D18</li> <li>(b) be used in a high traffic public use area such as a theatre, cinema, auditorium, transport interchange, shopping centre or the like</li> <li>(c) be used where it is possible to install another type of passenger lift</li> <li>(d) connect more than 2 storeys</li> <li>(e) where more than 1 stairway lift is installed, serve more than 2 consecutive storeys</li> <li>(f) when in the folded position, encroach on the minimum width of stairway required by D2D8 to D2D11</li> </ul> </li> </ul>		✓	
Low-rise platform lift; Must not travel more than 1000mm		$\checkmark$	
Low-rise, low-speed constant pressure lift; Must not – (a) for an enclosed type travel more than 4m (b) for an unenclosed type, travel more than 2m (c) be used in high traffic public use areas in buildings such as a theatre, cinema, auditorium, transport interchange, shopping complex or the like		V	
Small sized, low-speed automatic lift; Must not travel more than 12m		$\checkmark$	
E3D8 Accessible features required for passenger lifts	ADR	N/A	С
All lifts except "stair platform lift" and "low-rise platform lift" have handrails complying with the provisions for a mandatory handrail in AS1735.12		$\checkmark$	
All lifts which travel more than 12m to have lift floor dimension of not less than 1400mm wide x 1600mm deep		$\checkmark$	
All lifts which travel not more than 12m "excluding stairway platform lift" to have lift floor dimension of not less than 1100mm wide x 1400mm deep		~	
Floor dimension for a stairway platform lift of not less than 810 mm wide x 1200 mm deep		$\checkmark$	

Minimum door opening complying with AS 1735.12 for All lifts except a stairway platform lift	$\checkmark$	
Passenger protection system complying with AS 1735.12 for all lifts with a power operated door	$\checkmark$	
Lift landing doors at the upper landing to be provided for All lifts except "stairway platform lift"	$\checkmark$	
Lift car and landing control buttons to comply with AS 1735.12 for All lifts except a "stairway platform lift" and "low-rise platform lift"	$\checkmark$	
Lighting in accordance with AS 1735.12 for all enclosed lift cars	$\checkmark$	
<ul> <li>All lifts servicing more than 2 levels;</li> <li>(a) Automatic audible information within the lift car to identify the level each time the car stops, and</li> <li>(b) Audible and visual indication at each lift landing to indicate the arrival of the lift car, and</li> <li>(c) Audible information and audible indication required by (z) and (b) is to be provided in a range of between 20-80 dB(A) at a maximum frequency of 1500 Hz</li> </ul>	✓	
All lifts except "stairway platform lift" to have an emergency hands-free communication, including a button that alerts a call centre of a problem and a light to signal that the call has been received	$\checkmark$	

Part F4 – Access For People With Disability			
F4D5 Accessible sanitary facilities	ADR	N/A	С
(a) accessible unisex sanitary compartments must be provided in accessible parts of the building:			
<b>Class 9;</b> Where building class requires closet pans as per the BCA—1 on every storey containing sanitary compartments; and where a storey has more than 1 bank of sanitary compartments containing male and female sanitary compartments, at not less than 50% of those banks.			$\checkmark$
Reference: Figure 34, Figure 35, Figure 36, Figure 37, Figure 38, Figure 39, Figure 40 Notes: See Att. 01 – 1 'LH' accessible WC has been provided and can be compliant at the CC stage in accordance with AS1428.1-2009			
<ul> <li>(b) accessible unisex showers must be provided in accessible parts of the building:</li> <li>Class 9 — except for within a ward area of a Class 9a health-care building; Where F4D4 requires 1 or more showers, not less than 1 for every 10 showers or part thereof.</li> <li>Notes: See Att. 01 – Can be compliant at CC stage in accordance with AS1428.1-2009</li> </ul>			√
(c) at each bank of toilets in addition to an accessible unisex sanitary compartment, a sanitary compartment suitable for a person with an ambulant disability must be provided in accordance with 1428.1 for male and females		$\checkmark$	
(d) an accessible unisex compartment must contain a closet pan, washbasin, shelf or bench top and adequate means of disposal of sanitary products Reference: Figure 38 Notes: See Att. 01 – Can be compliant at CC stage in accordance with AS1428.1-2009			~
(e) the circulation space, fixture and fittings must comply with the requirements of AS 1428.1 Reference: Figure 34, Figure 35, Figure 36, Figure 37, Figure 38, Figure 39, Figure 40 Notes: See Att. 01 – Can be compliant at CC stage in accordance with AS1428.1-2009			$\checkmark$
(f) an accessible unisex sanitary must be located to that it can be entered without crossing an area reserved for one sex only <b>Notes: See Att. 01 – Can be compliant at CC stage in accordance with AS1428.1-2009</b>			$\checkmark$
(g) where two or more of each type of accessible unisex sanitary facility are provided, the number of left and right-handed facilities must be provided as evenly as possible		$\checkmark$	
(h) where male and female sanitary facility are provided at a separate location of female sanitary facilities, accessible unisex sanitary facility are only required at one of those locations.		$\checkmark$	
(i) an accessible unisex sanitary or an accessible unisex shower need not be provided on a storey or level that is not required by D4D4(f) to be provided with a passenger lift or ramp complying with AS 1428.1		$\checkmark$	
(j) Baby change tables cannot encroach into the circulation space. Maximum height to be 820mm with 720mm underneath when in an open position.		$\checkmark$	







#### Figure 37

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#### 15.4 Fixtures and fittings within a sanitary facility

#### 15.4.1 Mirrors

In all sanitary facilities, the mirror shall be located either above or adjacent to the washbasin.

Where provided, a vertical mirror with a reflective surface not less than 350 mm wide shall extend from a height of not more than 900 mm to a height of not less than 1850 mm above the plane of the finished floor. Where provided, a second vertical mirror shall extend from a height of not less than 600 mm to a height of not less than 1850 mm above the plane of the finished floor.

NOTE: Angled or tilted mirrors should not be used since they do not work for all users or accessible facilities.

In an accessible sole occupancy unit, the mirror shall be centred over the washbasin.

#### 15.4.2 Shelves

Shelf space shall be provided adjacent to the washbasin in one of the following ways:

- (a) As a vanity top at a height of 800 mm to 830 mm and a minimum width of 120 mm and depth of 300 mm to 400 mm without encroaching into any circulation space.
- (b) As a separate fixture-
  - within any circulation space at a height of 900 mm to 1000 mm with a width of 120 mm to 150 mm and length of 300 mm to 400 mm; and
  - external to all circulation spaces at a height of 790 mm to 1000 mm with a minimum width of 120 mm and minimum length of 400 mm.
- 15.4.3 Soap dispensers, towel dispensers and similar fittings

Where provided, soap dispensers, towel dispensers, hand dryers and similar fittings shall be operable by one hand, and shall be installed with the height of their operative component or outlet not less than 900 mm and not more than 1100 mm above the plane of the finished floor, and no closer than 500 mm from an internal corner.

15.4.4 Clothes-hanging devices

A clothes-hanging device shall be installed 1200 mm to 1350 mm above the plane of the finished floor and not less than 500 mm out from any internal corner.

15.4.5 Sanitary disposal unit

Where provided, the sanitary disposal unit shall be located as follows:

- (a) Portable unit as shown in Figure 43.
- (b) Recessed unit within 500 mm from the pan.
- 15.4.6 Switches and general purpose outlets

Where provided near the washbasin, switches and general purpose outlets shall be located in accordance with Clause 14 and as close to the shelf or worktop as practicable.

#### Figure 38

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## **DISABILITY DISCRIMINATION ACT**

#### **Advisory Only**

The Disability Discrimination Act (1992) (DDA) protects everyone in Australia against discrimination based on disabilities ranging from, but not limited to mobility, sensory and cognitive disabilities. There is no doubt that the introduction of the Premises Standards has led to widespread and important improvements in the accessibility world and safety of all new and upgraded public buildings in Australia.

Section 32 of the DDA makes it unlawful to contravene a provision of a disability standard & the persons responsible who fail to address the 'affected part' requirements when triggered for a building could be subject to a complaint under the DDA as a result.

If there is a difference between the technical requirements of the Access Code and any document referenced in the Access Code, including Australian Standards, the Access Code takes precedence.

The basic trigger for the application of the Premises Standards is when any building work is undertaken that requires building/construction approval. A building certifier, building developer or building manager of a relevant building must ensure that the building complies with the Access to Premises Standards.

The scope of the DDA also includes the area of the room measured within the finished surfaces of the walls and includes the area occupied by any cupboard or other built-in furniture, fixture, or fittings.

The scope of DDA extends beyond the building fabric and includes furniture and fittings. We cannot guarantee or certify DDA compliance because DDA compliance can only be assessed by the court.





People Helping People, "PHP" is a video interview series hosted by Rami Shakour, founder of Access Link Consulting. The series centers around the vital role of accessibility in enhancing community development and enabling individual independence.

Through enlightening conversations, each episode uncovers how creating accessible environments is not just about compliance with standards, but about fundamentally enhancing people's lives, enabling them to engage fully with their communities and live more independently.

The series features a diverse lineup of guests, including professionals from the fields of construction, architecture, NDIS, as well as individuals who share their personal experiences and the tangible impacts of accessible design. Our conversations delve into innovative solutions and obstacles faced by those working to make our world more accessible, offering insights and inspiration for all listeners. As we explore the stories of individuals from different industry sectors and walks of life, we aim to shed light on the people who are impacting and transforming lives and contributing to a more inclusive community.

Visit our YouTube channel to view our latest interviews. www.youtube.com/@accesslinkconsulting

# **Accreditations & Partnerships**

# "Access Link Consulting was founded to fill a gap in the construction and modern accessibility industry and provide innovation, efficient solutions and proactivity."

– Rami Shakour / Founder





- Sponsor & Exclusive Consultancy Partner

# **iCIRT**

Access Link Consulting is proudly the first access consultancy firm to achieve the esteemed 4-Gold Star iCIRT Rating.

The iCIRT Accreditation serves as a testament to our unwavering commitment to professionalism and performance, allowing clients and stakeholders to place their trust in us as a company that upholds the highest standards.

# **Zero Barriers**

At Access Link Consulting, our commitment to building more inclusive communities is demonstrated through our partnership with Zero Barriers, a project by The Multicultural Network.

As an exclusive Access Consultancy partner, this collaboration brings together our expertise in accessibility consulting with Zero Barriers' practical approach to community engagement. Together, we work closely with businesses to adopt more inclusive practices; transforming the landscape of accessibility and paving the way for a society where inclusivity is not just an aspiration but a reality for all.



SDAA Supporter

# **SDA Alliance Supporter**

Access Link Consulting is proud to collaborate with The Specialist Disability Accommodation (SDA) Alliance, an organisation dedicated to enhancing SDA across various sectors.

This partnership enables us to bring our specialised knowledge of accessibility standards directly to the forefront of SDA development projects. As a supportive participant, we are committed to working together to drive innovation, establish best practises and aim for higher standards, all guided by our shared values and principles. Together we strive to create living environments that meet the diverse needs of individuals with disabilities. Our joint efforts, strengthened by regular meetings and strategic collaborations with other providers, are focused on advocacy, education, and direct support.



- Sponsorship

# AAA – Australian Apartment Advocacy

Access Link Consulting is a proud sponsor of Australian Apartment Advocacy (AAA), supporting the agency on a national scale. AAA advocates for the rights of apartment owners, offering tools and resources to empower them and improve living standards.

They undertake research with apartment owners and residents to advise government and developers about the needs of the apartment community. Our partnership with AAA underscores our commitment to advancing the cause of accessible and high-quality apartment living, ensuring that everyone has the opportunity to live in a safe, supportive, and well-maintained environment.

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# **Meet Our Team**



Access Link Consulting extends beyond Australia's disability standards for access to premises. We aspire to create a world where dignified and seamless movement is a reality for all, surpassing compliance to achieve comprehensive accessibility solutions for the community.





# **Rami Shakour**

#### Director

B. Architecture | M.P.M in Construction | Dip. Access Consulting | ACA Accredited Access Consultant | LHA/NCC Accredited Assessor | NDIS Accredited SDA Assessor | Changing Places Assessor

Rami Shakour is the founder and director of Access Link Consulting. With a remarkable track record spanning over 9 years in the accessibility, architecture, and construction industries, Rami brings an unparalleled wealth of expertise to his role as the leader of our consultation services for seamless accessibility facilities.

With Rami's specialised knowledge and forward-thinking approach, Access Link Consulting is uniquely positioned to offer consultation on innovative solutions across residential, commercial, industrial, and mixed-use developments as well as public and private open spaces. By delivering these services, we aim to advance an inclusive and accessible future for all.

Rami holds a Bachelor of Architecture, a Master of Project Management and a Diploma of Access Consulting. In addition to this, Rami is also an Accredited Access Consultant with Association of Consultants in Access Australia (ACAA), National Disability Insurance Scheme (NDIS) Accredited SDA Assessor, LHA/NCC Assessor and Changing Places Assessor.





# **Tony Walker**

Senior Manager

B.LArch (Hons) | Dip. Access Consulting

Tony has developed extensive skills in the planning, design, construction, and management of public open spaces across urban, suburban, and natural landscapes. Previously as the Manager of Fairfield Place and Public Domain Planning for Fairfield City Council and Place Manager East for Parramatta City Council, Tony also developed impressive and outstanding complementary strategic place management and place making project management skills along with valuable community consultation and collaboration experience.

As a Senior Manager, Tony holds a Bachelor of Landscape Architecture (Hons), Dip. Access Consulting, Assoc. Dip. Environmental Control, and a Cert II Horticulture.

With a wealth of qualifications and an extensive skillset cultivated over numerous years of experience in the landscape construction and local government sectors, Tony brings invaluable expertise to Access Link Consulting. His commitment to delivering DDA-compliant outcomes stems from a place-based and community-oriented approach.

Tony's Vision is that public communal spaces which have involved Access Link Consulting, support the provision of dignified and inclusive access to all facilities and amenities including enriching place-based experiences.

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# Jessica Bechara

#### Access Consultant

Dip. Business Management | Cert. IV in Access Consulting | ACA Associate Access Consultant

As an experienced Consultant with a wealth of industry insight and experience, Jessica works collaboratively with accredited certifiers, developers, builders and individuals bringing a thorough understanding of both the construction and consultancy realms.

Jessica's expertise encompasses BCA & Access reviews, where she excels in assisting clients in achieving their project goals, from Development Applications to Occupational Certificates. Jessica holds a Certificate IV in Access Consultancy and has over six years' experience in the construction industry. Her extensive experience and first-hand knowledge in accessibility allow her to skillfully coordinate between architects, planners, and developers.

Jessica's dedication to excellence ensures that she delivers quality services to all clients, guided by a vision of accessibility that meets both current and future needs.



# Tshkhoun Kechebashian

## Account Manager

B. Economics in Management & Accounting | Cert. IV in Bookkeeping

Tshkhoun holds a Certificate IV in Bookkeeping and has extensive work experience, mostly in in-house accounts and administration, including experience in industrial companies.

Her career boasts a diverse range of roles, from General Accounting to Industrial Cost accounting and Human Resources, making Tshkhoun a crucial asset in the dayto-day management of the company. Notably, her involvement in various operational departments and her training in documentation and internal auditing for ISO standards have been pivotal in shaping her career at Access Link.

Drawing from her prior experience in customer service-related positions, Tshkhoun possesses exceptional problem-solving and communication skills, which play a vital role in the seamless management of accounts and related matters.

Tshkhoun considers her customer service experience, bookkeeping and accounting skills and administration expertise a big asset in her career journey.



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# ALLESS LINK CONSULTING