

## Access Assessment Report

35-39 Carter Road Brookvale NSW 2100

Date: 09/12/2024 Report no. Q240197- ACC Client: Avakian Holdings (NSW) Pty Ltd Prepared by: Jazmyn Stol ABN: 35 648 658 566

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## **Executive Summary**

This report provides an Access assessment of the proposed erection of an industrial development at 35-39 Carter Road, Brookvale. The architectural design plans have been assessed against the following–

- the accessibility provisions of the Building Code of Australia 2022;
- the Disability (Access to Premises Buildings) Standards 2010, including the Access Code;
- the access-related conditions of the Development Consent (excluding conditions relating to Adaptable Housing, which will be addressed by a separate Access Consultant); and
- the Livable Housing Design Guidelines 4th Edition silver level universal design features.

The design was found to be consistent with the relevant access provisions, subject to only minor amendments and compliance with specific accessibility requirements that are not detailed on the plans, as outlined in Part 3 of this report 'Access Compliance Matters to be Addressed'.

# 1 Introduction

### 1.1 Location and Description

The development is located at 35-39 Carter Road, Brookvale. The works involve the erection of an industrial development.

#### 1.2 Purpose of the Report

The purpose of the Report is to provide an assessment of the proposed works, as detailed on the architectural design plans, against the relevant accessibility provisions of the following:

- the deemed-to-satisfy provisions of the current Building Code of Australia 2022;
- the Disability (Access to Premises Buildings) Standards 2010, including the Access Code;

The report intent is to clearly outline those areas where compliance is not achieved and provide recommendations to achieve compliance.

#### 1.3 Building Code of Australia

This report is based on the accessibility provisions of the National Construction Code 2022, Volume One, Building Code of Australia.

#### 1.4 Limitations of the Report

This report does not include, nor imply compliance with:

- a) The Disability Discrimination Act (it cannot be guaranteed that that a complaint under the DDA will not be made, however should the building comply with the requirements of the Disability (Access to Premises –
- b) Buildings) Standards 2010 (as per the BCA accessibility provisions detailed in this report) then those responsible for the building cannot be subject to a successful complaint);
- c) requirements of Australian Standards unless specifically referred to;
- requirements of other Regulatory Authorities including, but not limited to, Telstra, Telecommunications Supply Authority, Water Supply Authority, Electricity Supply Authority, Work Cover, Roads and Maritime Services
- e) (RMS), Local Council, Department of Planning and the like;
- f) conditions of Development Consent not related to access for people with a disability; or
- g) compliance with AS 4299-2005 for the design of the Adaptable Housing units.

### 1.5 Federal Disability Discrimination Act (DDA)

Disability is broadly defined and includes disabilities which are physical, intellectual, psychiatric, neurological, cognitive or sensory (a hearing or vision impairment), learning difficulties, physical disfigurement and the presence in the body of disease-causing organisms.

All organisations have a responsibility, under the DDA, to provide equitable, dignified access to goods and services and to premises used by the public. Premises are broadly defined and would include all areas included within the subject development.

The DDA applies nationally and is complaint-based. While the Disability (Access to Premises – Buildings) Standards 2010 and the BCA2022 are recognised as a design standard to satisfy certain aspects of the DDA, compliance with the BCA2022 and the referenced standards does not guarantee that a complaint will not be lodged.

#### 1.6 Disability (Access to Premises - Buildings) Standards 2010

The aim of the Disability (Access to Premises – Buildings) Standards 2010 (Premises Standards) is to provide the building and design industry with detailed information regarding the required access provisions associated with the design and construction of new buildings and upgrade to existing buildings.

The Premises Standards intend to provide certainty for the building industry in relation to meeting the requirements for access in new and upgraded buildings. They only apply to elements addressed within the Standards. All other elements related to premises will still be subject to the existing provisions of the DDA.

For existing buildings that are undergoing alterations or extensions (referred to as a 'new part'), the Premises Standards introduce the concept of upgrade of the 'affected part'. An affected part being: (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.

This means that in many instances, the new works will need to be connected to the building's principal pedestrian entrance by an accessible path of travel, meaning that upgrade to a building may be necessary even where none was proposed.

As the development the subject of this report involves the construction of a new building, the Premises Standards will apply to the building, however compliance with the Premises Standards (including the Access Code) will be achieved by complying with the accessibility provisions of the BCA, as detailed in this report.

## 2 Key compliance considerations

#### 2.1 BCA Accessibility Provisions

The architectural design documentation has been assessed against the accessibility provisions of the BCA, including Part D4, Clause E3D8 and Clause F4D5. It is noted that compliance with these BCA provisions will also achieve compliance with the Access Code under the Premises Standards.

The building has been classified according to its use, in accordance with BCA Clause A6.0, as follows:

Class	Level	Description
7b	Lower ground floor, mezzanine, first floor	Warehouse
7a	Lower ground floor, First floor	Carpark
6	Lower ground floor	Café

A detailed assessment of the design against the relevant BCA accessibility requirements is provided in Annexure A of this report.

### 2.2 Development Consent Conditions

A detailed assessment of the design against the conditions of the Development Consent relating to access for people with a disability is provided in Annexure B of this report.

## 3 Access Compliance Matters to be Addressed

As identified by the clause-by-clause assessments contained in Annexures A of this report, the following compliance matters will require further design input and/or will need to be addressed by a performance solution.

Please review the highlighted matters with in Annexures A as specifications have been provided

Clauses	Non-Compliance/Information required
D4D3	An accessible path of travel from the carpark to the café has not been provided as only stair access is provided. Please confirm how wheelchair occupants will access the café from the carpark <b>Further information required.</b>
D4D4	Lift is not required as not more than 2 levels and mezzanines are less than 200m2 (mezzanines also not considered a storey). All mezzanine stairs require double handrails and tactiles to the top and bottom <b>Ensure this is incorporated</b>
	Lower ground floor Double handrails and tactiles required to top and bottom of café and all stairs that are not fire- isolated
	CAFE SHOP A: 22.98 m <sup>2</sup> FFL: 15.150 15.100 15.100 Tactiles are required to the top and bottom, ensure handrails do not encroach on door circulation
D4D9	The stairs to the mezzanine are likely to cause a head height hazard on the ground floor. Any head height encroachments of less than 2m will require tactiles around the hazard to warn occupants with vision impairments of potential head hazard <b>Ensure this is incorporated</b>

F4D5	Lower ground floor
	A unisex WC provided in the common area, therefore an accessible unisex sanitary compartment must be provided in accordance with F4D6. If unisex facility to remain a performance solution is required for it to be a unisex ambulant facility.
	All accessible bathrooms in warehouses are to comply with AS 1428.1

### Annexure A – Detailed BCA Access Assessment

The table on the following page provides a clause-by-clause assessment of the design against the applicable deemed-to- satisfy provisions of BCA 2022 relating to access for people with disabilities.

NA Not applicable – The deemed-to-satisfy clause is not applicable to the design Complies The design complies with the relevant parts of the deemed-to-satisfy clause CRA Compliance readily achievable – The design is consistent with the relevant deemed-to- satisfy clause, however strict compliance with the clause will need to be demonstrated by either certification by the appropriate party or inclusion in the BCA specifications for the project. DNC Does Not Comply FI Further information is required to confirm compliance The clause has been considered in the assessment, however, does not require Noted any further design input.

The following abbreviations have been used to indicate the compliance status:

### BCA Access Clause-by-Clause Assessment

BCA Clause	Relevant Deemed-To-Satisfy Requirements	Comment	Status
Part D4 – Access for people v	vith a disability		
D4D1: Deemed-to Satisfy Provisions	<ul> <li>(1) Where a Deemed-to-Satisfy Solution is proposed, Performance Requirements D1P1 to D1P6, D1P8 and D1P9 are satisfied by complying with— <ul> <li>(a) D2D2 to D2D23, D3D2 to D3D30 and D4D2 to D4D13; and</li> <li>(b) in a building containing an atrium, Part G3; and</li> <li>(c) in a building in an alpine area, Part G4; and</li> <li>(d) for additional requirements for Class 9b buildings, Part I1; and</li> <li>(e) for public transport buildings, Part I2.</li> </ul> </li> <li>(2) Where a Performance Solution is proposed, the relevant Performance Requirements must be determined in accordance with A2G2(3) and A2G4(3) as applicable.</li> <li>(3) Performance RequirementD1P7 must be complied with if lifts are to be used to assist occupants to evacuate a building.</li> </ul>		Noted
D4D2: General building access requirements	<ul> <li>(1) Buildings and parts of buildings must be accessible as required by this clause, unless exempted by D4D5.</li> <li>(2) Access requirements for a Class 1b building are as follows: <ul> <li>(a) Dwellings located on one allotment and used for short-term holiday accommodation — to and within a number of dwellings determined in accordance with Table D4D2a.</li> <li>(b) A boarding house, bed and breakfast, guest house, hostel or the like, other than those described in (a) — to and within—</li> <li>(i) 1 bedroom and associated sanitary facilities; and</li> </ul> </li> </ul>	Access has been provided to all industrial units and all areas usually used by the occupants.	Complies



<ul> <li>(ii) not less than 1 of each type of room or space for use in common by the residents or guests, including a cooking facility, sauna, gymnasium, swimming pool, laundry, games room, eating area, or the like; and</li> </ul>	
<ul> <li>(iii) rooms or spaces for use in common by all residents on a floor to which access by way of a ramp complying with AS 1428.1 or a passenger lift is provided.</li> </ul>	
(3) For the purposes of (2)(a), a community or strata-type subdivision or development is considered to be on a single allotment.	
(6) For Class 5, 6, 7b, 8 and 9a buildings, access must be provided to and within all areas normally used by the occupants.	



BCA Clause	Relevant Deemed-To-Satisfy Requirements	Comment	Status
D4D3: Access to buildings	<ul> <li>(1) An accessway must be provided to a building required to be accessible-</li> <li>(a) from the main points of a pedestrian entry at the allotment boundary; and</li> </ul>	An accessible path of travel from the carpark to the café has not been provided as only stair access is provided. Please confirm how wheelchair occupants will access the café from the carpark <b>Further information required.</b>	DNC/FI
	<ul> <li>(b) from another accessible building connected by a pedestrian link; and</li> <li>(c) from any required accessible carparking space on the allotment.</li> <li>(2) In a building required to be accessible, an accessway must be provided through the principal pedestrian entrance, and— <ul> <li>(a) through not less than 50% of all pedestrian entrances including the principal pedestrian entrance; and</li> <li>(b) 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> </li> <li>Except for pedestrian entrances serving only areas exempted by D4D5.</li> <li>(3) Where a pedestrian entrance required to be accessible has multiple doorways— <ul> <li>(a) if the pedestrian entrance consists of not more than 3 doorways — not less than 1 of those doorways must be accessible; and</li> <li>(b) if a pedestrian entrance consists of more than 3 doorways — not less than 50% of those doorways must be accessible.</li> </ul> </li> </ul>	<section-header></section-header>	
	(a) an accessible pedestrian entrance with multiple		







BCA Clause	Relevant Deemed-To-Satisfy Requirements	Comment	Status
D4D4: Parts of buildings to be accessible	<ul> <li>In a building required to be accessible–</li> <li>(a) every ramp and stairway, except for ramps and stairways in areas exempted by D4D5, must comply with—</li> <li>(i) for a ramp, except a fire-isolated ramp, clause</li> </ul>	Lift is not required as not more than 2 levels and mezzanines are less than 200m2 (mezzanines also not considered a storey). All mezzanine stairs require double handrails and tactiles to the top and bottom <b>Ensure this is incorporated</b>	CRA
	<ul> <li>(ii) for a stairway, except a fire-isolated stairway, clause 11 of AS 1428.1; and</li> <li>(iii) for a fire-isolated stairway, clause 11.1(f) and (g) of AS 1428.1; and</li> </ul>	Lower ground floor Double handrails and tactiles required to top and bottom of café.	
	The fire-isolated stairways must have nosing strips compliant with clause 11.1(f) and (g) of AS 1428.1- 2009 (b) every passenger lift must comply with E3D7 and E3D8; and (c) accessways must have—	CAFE SHOP A: 22.98 m <sup>2</sup> FFL: 15.150 FHR	
	<ul> <li>(i) passing spaces complying with AS 1428.1 at maximum 20 m intervals on those parts of an accessway where a direct line of sight is not available; and</li> <li>(ii) transmuser and the state of th</li></ul>	Ground floor Stairs are required to be set back 900mm from the boundary. Tactiles and handrails are also required– see AS 1428.1 requirements under D4D4 regarding	
	<ul> <li>(ii) turning spaces complying with AS 1428.1—</li> <li>(A) within 2 m of the end of accessways where it is not possible to continue travelling along the accessway; and</li> <li>(B) at maximum 20 m intervals along the accessway; and</li> <li>(d) an intersection of accessways satisfies the spatial requirements for a passing and turning space; and</li> </ul>	Now complies	
	<ul> <li>(e) a passing space may serve as a turning space; and</li> </ul>		



	<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 a Class 5, 6, 7b or 8 building—</li> <li>(i) containing not more than 3 storeys; and</li> <li>(ii) with a floor area for each storey, excluding the</li> </ul>	• 16.400 BDY 50:
	entrance storey, of not more than 200 m2; and	The second secon
	<ul> <li>(g) clause 7.4.1(a) of AS 1428.1 does not apply and is replaced with 'the pile height or pile thickness shall not exceed 11 mm and the carpet backing thickness shall not exceed 4 mm'; and</li> <li>(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.</li> </ul>	CAFE SHOP A: 22.98 m <sup>2</sup> FFL: 15.150
	Passing spaces (1800 x 2000 mm) complying with AS1428.1 at 20 m max. intervals where direct line of sight is not available.	Tactiles are required to the top and bottom, ensure handrails do not encroach on door circulation
	Turning spaces (1540 x 2070 mm) complying with AS1428.1 within 2 m of the end of accessways (including corridors or the like); and at 20 m max. intervals along an accessway.	Ground floor ramp required 1540mm turning space as per below Now complies
Australian Standard Clausos	Relevant Australian Standard Clauses to D/D/	i ne landings at the top and bottom of the ramp are
		required to be 1500mm x 1500mm OR equate to
		2500mm (1100mm + 1400mm) but will require the
		internal corners to be splayed (see diagram below):



		$ \begin{array}{c}         1300 \\         \hline         1250 \\         \hline         1100 \\         4 1000 + 1500 = 2500 \\         B 1100 + 1400 = 2500 \\         C 1250 + 1250 = 2500 \\         D 1300 + 1200 = 2500 \\         \hline         1300 + 1200 = 2500 \\         \hline         0 1 300 + 1200 = 2500 \\         \hline         0 1 300 + 1200 = 2500 \\         \hline         0 1 300 + 1200 = 2500 \\         \hline         0 1 300 + 1200 = 2500 \\         \hline         0 1 300 + 1200 = 2500 \\         \hline         0 1 300 + 1200 = 2500 \\         \hline         0 1 300 + 1200 = 2500 \\         \hline         0 1 300 + 1200 = 2500 \\         \hline         0 1 300 + 1200 = 2500 \\         \hline         0 1 300 + 1200 = 2500 \\         \hline         0 0 0 0 0 \\         0 0 0 0 0 0$	
Clause 10 – Walkways, Ramps and Landings	Walkways, ramps and landings that are provided on a continuous accessible path of travel shall be as follows:		
	10.1 General		
	<ul> <li>(a) Sharp transitions shall be provided between the planes of landings and ramps, as shown in Figure 13.</li> </ul>		
	(b) Landings shall be provided at all changes in direction in accordance with Clause 10.8.		
	(c) Landing or circulation space shall be provided at every doorway, gate, or similar opening.		
	<ul> <li>(d) For walkways and landings having gradients in the direction of travel shallower than 1 in 33, a camber or crossfall shall be provided for shedding of water and shall be no steeper than 1 in 40, except that bitumen surfaces shall have a camber or crossfall no steeper than 1 in 33.</li> <li>NOTE: A summary of requirements for walkways, ramps and landings is provided in Appendix C.</li> </ul>		
	10.2 Walkways Walkways shall comply with the following:		



(a)	The floor or ground surface abutting the sides of the walkway shall provide a firm and level surface of a different material to that of the walkway at the same level of the walkway, follow the grade of the walkway and extend horizontal for a minimum of 600 mm unless one of the following is provided:
(i)	Kerb in accordance with Figure 18.
(ii)	Kerb rail and handrail in accordance with Figure 19.
(iii)	A wall not less than 450 mm in height.
(b)	Walkways shall be provided with landings, as specified in Clause 10.8, at intervals not exceeding the following:
(i)	For walkway gradients of 1 in 33, at interval no greater than 25 m.
(ii)	For walkway gradients of 1 in 20, at interval no greater than 15 m.
(iii)	For walkway gradients between 1 in 20 to 1 in 33, at intervals that shall be obtained by linear interpolation.
For wal require The inte where a	lkways shallower than 1 in 33, no landings are d. ervals specified above may be increased by 30% at least one side of a walkway is bounded by-
(A)	a kerb or kerb rail as specified in Clause 10.3(j) and a handrail as specified in Clause 12; or
(B)	a wall and a handrail as specified in Clause 12.
10.3 Ra Ramps	amps shall comply with the following:
(a)	The maximum gradient of a ramp exceeding



1900 mm in length shall be 1 in 14.	
(b) The gradient of a ramp shall be constant throughout its length with a maximum	
allowable tolerance of 3% provided no section of the ramp is steeper than 1 in 14.	
<ul> <li>(c) Ramps shall be provided with landings, as specified in Clause 10.8, at the bottom and at the top of the ramp and at intervals not exceeding the following:</li> </ul>	
(i) For ramp gradients of 1 in 14, at intervals not greater than 9 m.	
(ii) For ramp gradients steeper than 1 in 20, at intervals not greater than 15 m.	
<ul> <li>(iii) For ramp gradients between 1 in 14 and steeper than 1 in 20, at intervals that shall be obtained by linear interpolation.</li> </ul>	
<ul> <li>(d) Where ramps are constructed with a change in direction, the angle of approach shall create a 90° angle to the line of transition between the ramp surface and the landing surface, as shown in Figure 13.</li> </ul>	
(e) Ramps shall have a handrail complying with Clause 12 on each side of the ramp, as shown in Figure 14.	
NOTE: Figures 15(A) and 15(B) show examples of suitable ramp handrail terminations.	
<ul> <li>(f) Where the intersection is at the property boundary, the ramp shall be set back by a minimum of 900 mm so that the handrail (complying with Clause 12) and TGSIs do not protrude into the transverse path, as shown in Figure 16.</li> </ul>	
TGSIs shall be installed in accordance with AS 1428.4.1.	



(!	(g)	Where the intersection is at an internal corridor, the ramp shall be set back by a minimum of 400 mm so that the handrail complying with Clause 12 does not protrude into the transverse path of travel as shown in Figure 17.
(1	h)	The handrail shall extend a minimum of 300 mm horizontally past the transition point at the top and bottom of the ramp except where the inner handrail is continuous at an intermediate landing.
(i	i)	Ramps and intermediate landings shall have kerbs or kerb rails on both sides that comply with the following:
(i	ii)	The minimum height above the finished floor shall be 65 mm.
(i	iii)	The height of the top of the kerb or kerb rail shall not be within the range 75 mm to 150 mm above the finished floor, as shown in Figure 18.
(i	iv)	There shall be no longitudinal gap or slot greater than 20 mm in the kerb or kerb rail within the range 75 mm to 150 mm above the finished floor.
NOTI 1- Fo 2- Fo 3- Ex Appe	ES or ko or lo kam endi	: erb rails see Figure 18. ocation of kerb or kerb rail, see Figure 19. nples of kerb rail configuration are shown in ix A
G	j)	Kerbs or kerb rails shall—
(i	(i)	be located so that the ramp-side face is either flush with the ramp-side face of the handrail or no greater than 100 mm away from the ramp-side face of the handrail, as shown in Figure 19;













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(a	a) Where there is no change in direction, the length shall be not less than 1200 mm, as shown in Figure 25(A).
(b	b) Where there is a change of direction not exceeding 90°, the landing shall be not less than 1500 mm. The internal corner shall be truncated for a minimum of 500 mm in both directions, as shown in Figure 25(B).
(c	c) For a 180° turn, the landing shall be as shown in Figure 25(C),
10.8.2	2 Step ramps
The le than 1 of trav	ength of landings at step ramps shall be not less 1200 mm in the direction vel, as shown in Figures 22(A) and 22(B).
Where step r showr	e a change in direction is required, the length of amp landings shall be a minimum of 1500 mm, as n in Figure 22(A).
Where landin Claus Figure	e doorways are at landings, the dimensions of the ngs shall be in accordance with the requirements of se 13.3 for circulation spaces at doorways shown in e 25(D).
10.8.3	3 Kerb ramps
The letthan 1 of trav	ength of landings at kerb ramps shall be not less 1200 mm in the direction vel.
Where be a r 24(B)	e a 'T' junction occurs, the kerb ramp landing shall minimum of 1500 × 2000 mm, as shown in Figure
Where	e a single change in direction is required, the ramp ngs shall be a minimum of 1500 mm $\times$ 1500 mm.











Clause 11 - Stairs	11 Stairways	
	11.1 Stair construction	
	Where required, stairs shall be constructed as follows:	
	<ul> <li>(a) Where the intersection is at the property boundary, the stair shall be set back by a minimum of 900 mm so that the handrail (complying with Clause 12) and TGSIs do not protrude into the transverse path of travel, as shown in Figure 26(A).</li> </ul>	
	(b) Where the intersection is at an internal corridor, the stair shall be set back in accordance with Figure 26(B).	
	NOTE: Examples of stair handrail terminations are given in Figures 26(C) and 26(D).	
	(c) Stairs shall have opaque risers.	
	<ul> <li>(d) Stair nosings shall not project beyond the face of the riser and the riser may be vertical or have a splay backwards up to a maximum 25 mm, as shown in</li> </ul>	
	(e) Figures 27(A) and 27(B).	
	(f) Stair nosing profiles shall—	
	(i) have a sharp intersection;	
	(ii) be rounded up to 5 mm radius; or	
	(iii) be chamfered up to 5 mm $\times$ 5 mm.	
	(f) At the nosing, each tread shall have a strip not less than 50 mm and not more than 75 mm deep across the full width of the path of travel. The strip may be set back a maximum of 15 mm from the front of the nosing. The strip shall have a	











-		
11.2 St	airway handrails	
Handrails shall be continuous throughout the stair flight and, where practicable, around landings (see Figure 28) and have no obstruction on or above up to a height of 600 mm and as follows:		
(a)	The design and construction of handrails shall comply with Clause 12.	
(b)	Handrails shall be installed on both sides of the stairs and as shown in Figures 26(A) and 26(B).	
(c)	Handrails shall have no vertical sections and shall follow the angle of the stairway nosings, as shown in Figure 28(b).	
(d)	Where a handrail terminates at the bottom of a flight of stairs, the handrail shall extend at least one tread depth parallel to the line of nosings plus minimum of 300 mm horizontally from the last riser (see Figure 28(b).	
(e)	The handrail shall extend a minimum of 300 mm horizontally past the nosing on the top riser.	
(f)	Where the handrail is continuous, the 300 mm extension is not required in the inner handrail at intermediate landings as shown in Figure 28(a).	
(g)	The dimensions indicating the heights of handrails shall be taken vertically from the nosing of the tread to the top of the handrail or from the landing to the top of the handrail.	






		Handrails	Clause 12 Handrails
		e design and construction of handrails shall comply h the following:	
		(a) Handrails and balustrades shall not encroach into required circulation spaces.	
		(b) The cross-section of handrails shall be circular or elliptical, not less than 30 mm or greater than 50 mm in height or width for not less than 270° around the uppermost surface as shown in Figures 29(a) and 29(b). Elliptical handrails shall have the greater dimension in the horizontal axis as shown in Figure 29(b).	
		(c) Exposed edges at ends and corners of handrails shall have a radius of not less than 5 mm.	
		(d) The top of handrails shall be not less than 865 mm nor more than 1000 mm above the nosing of stairway tread or the plane of the finished floor of the walkway, ramp or landing.	
		(e) The height of the top of the handrail, measured in accordance with Item (d), shall be consistent through the ramp (or stairs) and any landings.	
		(f) If a balustrade is required at a height greater than the handrail, both shall be provided.	
		(g) Handrails shall be securely fixed and rigid, and their ends shall be turned through a total of 180°, or to the ground, or returned fully to end post or wall face, as shown in Figures 26(C) and 26(D).	
		(h) The clearance between a handrail and an adjacent wall surface or other obstruction shall be not less than 50 mm. This clearance shall extend above the top of the handrail by not less than 600 mm.	
_		<ul> <li>than the handrail, both shall be provided.</li> <li>(g) Handrails shall be securely fixed and rigid, and their ends shall be turned through a total of 180°, or to the ground, or returned fully to end post or wall face, as shown in Figures 26(C) and 26(D).</li> <li>(h) The clearance between a handrail and an adjacent wall surface or other obstruction shall be not less than 50 mm. This clearance shall extend above the top of the handrail by not less than 600 mm.</li> </ul>	







D4D5: Exemptions	<ul> <li>The following areas are not required to be <i>accessible</i>:</li> <li>(a) An area where access would be inappropriate because of the particular purpose for which the area is used.</li> <li>(b) An area that would pose a health or safety risk for people with a disability.</li> <li>(c) Any path of travel providing access only to an area exempted by (a) or (b).</li> </ul>	<ul> <li>The following areas within this development have been identified as exempted areas:</li> <li>Staff rooms</li> <li>Seminars</li> <li>Bin rooms</li> <li>Service rooms</li> <li>Store rooms</li> </ul>	Note
D4D6: Accessible carparking	<ul> <li>In accordance with Clause D4D6 of the BCA, one accessible car space compliant with AS/NZS 2890.6-2009 is required for the commercial use.</li> <li>For each class of building to which the <i>carpark</i> or carparking area is associated, the number of <i>accessible</i> carparking spaces <i>required</i> is as follows: <ul> <li>a. Class 5, 7, 8 or 9c buildings — <ul> <li>1 accessible space for every 100 carparking spaces or part thereof.</li> </ul> </li> <li>2.2 Parking Spaces—Dimensions</li> <li>2.2.1 Angle parking spaces <ul> <li>(a) A dedicated (non-shared) space as follows:</li> <li>In Australia—2400 mm wide by 5400 mm long.</li> </ul> </li> <li>(b) A shared area on one side of the dedicated space as follows:</li> <li>In Australia—2400 mm wide by 5400 mm long.</li> <li>It may be entirely on the left or entirely on the right side of the dedicated space.</li> <li>(c) A shared area 2400 mm long by 2400 mm wide at one end of the dedicated space. It may be entirely at the front or entirely at the rear of the dedicated space.</li> <li>(d) The dedicated space and the shared area shall be at the same level.</li> </ul> </li> </ul>	2 accessible parking spaces provided. Layout and sizing complies. To be in accordance with AS2890.6	CRA















BCA Clause	Relevant Deemed-To-Satisfy Requirements	Comment	Status
D4D7: Signage	(1) In a building required to be accessible—	To be assessed prior to OC	CRA
	(a) braille and tactile signage complying with Specification 15 must —		
	<ul> <li>(i) incorporate the international symbol of access, in accordance with AS 1428.1 and identify each—</li> </ul>		
	<ul> <li>(A) sanitary facility, except a sanitary facility associated with a bedroom in a Class 1b building or a sole-occupancy unit in a Class 3 or Class 9c building; and</li> </ul>		
	(B) (not applicable)		
	(ii) identify each door required by E4D5 to be provided with an exit sign and state—		
	(A) "Exit"; and		
	(B) "Level"; and		
	(C) the floor level number or floor level descriptor, or a combination of the two.		
	(b) signage including the international symbol for deafness in accordance with AS 1428.1 must be provided within a room containing a hearing augmentation system identifying—		
	(i) the type of hearing augmentation; and		
	(iii) the area covered within the room; and		
	<ul> <li>(iv) if receivers are being used and where the receivers can be obtained; and</li> </ul>		
	(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 or right handed use.		



(d) signage to identify an ambulant accessible sanitary facility in accordance with AS 1428.1 must be located on the door of the facility; and
<ul> <li>(e) where a pedestrian entrance is not accessible, directional signage incorporating the international symbol of access, in accordance with AS 1428.1, must be provided to direct a person to the location of the nearest accessible pedestrian entrance; and</li> </ul>
<ul> <li>(f) where a pedestrian entrance is not accessible, directional signage incorporating the international symbol of access, in accordance with AS 1428.1, must be provided to direct a person to the location of the nearest accessible pedestrian entrance; and</li> </ul>
(2) In a building that is subject to F4D12 and is required to be accessible, directional signage complying with Specification 15 to direct a person to the location of the nearest accessible adult change facility within that building must be provided at the location of each—
<ul> <li>(a) bank of sanitary facilities; and</li> <li>(a) accessible unisex sanitary facility, other than one that incorporates an accessible adult change facility.</li> </ul>



BCA Cla	ause	Relevant Deemed-To-Satisfy Requirements	Comment	Status
D4D8:	Hearing augmentation	A hearing augmentation system must be provided where an inbuilt amplification system, other than one used only for emergency warning, is installed—	-	NA
		(a) in a room in a Class 9b building; or		
		(b) in an auditorium, conference room, meeting room		
		or room for judicatory purposes; or		
		(c) at any ticket office, teller's booth, reception area or the like, where the public is screened from the service provider.		
D4D9:	Tactile indicators	(1) 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—	The stairs to the mezzanine are likely to cause a head height hazard on the ground floor. Any head height encroachments of less than 2m will require tactiles around the hazard to warn occupants with	CRA
		(a) a stairway, other than a fire-isolated stairway; and	vision impairments of potential nead nazard	
		(b) an escalator; and	Ensure this is incorporated	
		(c) a passenger conveyor or moving walk; and		
		(d) a ramp other than a fire-isolated ramp, step ramp, kerb ramp or swimming pool ramp; and		
		(e) in the absence of a suitable barrier—		
		(i) an overhead obstruction less than 2 m above floor level, other than a doorway; and		
		<ul> <li>(ii) an accessway meeting a vehicular way adjacent to any pedestrian entrance to a building, excluding a pedestrian entrance serving an area referred to in D4D5, if there is no kerb or kerb ramp at that point,</li> </ul>		
		Except for areas exempted by D4D5.		
		(2) Tactile ground surface indicators required by (1) must comply with sections 1 and 2 of AS/NZS 1428.4.1.		
		<ul> <li>(3) 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 aged care building need not</li> </ul>		



	comply with (1)(a) and (d) if handrails incorporating a raised dome button in accordance with AS/NZS 1428.4.1 are provided to warn people who are blind or have a vision impairment that they are approaching a stairway or ramp.		
D4D10: Wheelchair seating spaces in Class 9b assembly buildings		-	NA
D4D11: Swimming pools		-	NA
D4D12: Ramps	<ul> <li>On an accessway—</li> <li>(a) a series of connected ramps must not have a combined vertical rise of more than 3.6 m; and</li> <li>(b) a landing for a step ramp must not overlap a landing for another step ramp or ramp.</li> </ul>	-	Complies
D4D13: Glazing on an accessway	On an <i>accessway</i> , 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, must be clearly marked in accordance with AS 1428.1.	To be accessed prior to CC. Glazing decals to be provided as per AS1428.1.	CRA
Specification 15 – Braille and t	actile signs		
S15C1: Scope	This Specification sets out the requirements for the design and installation of braille and tactile signage as required by D3D26, D4D7 and Specification 27.	-	Noted



S15C2: Location of braille and tactile signs	Signs including symbols, numbering and lettering must be designed and installed as follows:To be assessed prior to CC.	CRA
	<ul> <li>Braille and tactile components of a sign must be located not less than 1200 mm and not higher than 1600 mm above the floor or ground surface.</li> </ul>	
	<ul> <li>b) Signs with single lines of characters must have the line of tactile characters not less than 1250 mm and not higher than 1350 mm above the floor or ground surface.</li> </ul>	
	<ul> <li>Signs identifying rooms containing features or facilities listed in D4D7 must be located—</li> </ul>	
	<ul> <li>(i) on the wall on the latch side of the door with the leading edge of the sign located between 50 mm and 300 mm from the architrave; and</li> </ul>	
	<ul><li>(ii) where (i) is not possible, the sign may be placed on the door itself.</li></ul>	
	<ul> <li>d) Signs identifying a door required by E4D5 to be provided with an exit sign must be located—</li> </ul>	
	<ul> <li>(i) on the side that faces a person seeking egress; and</li> </ul>	
	<ul> <li>(ii) on the wall on the latch side of the door with the leading edge of the sign located between 50 mm and 300 mm from the architrave; and</li> </ul>	
	(iii) where (ii) is not possible, the sign may be placed on the door itself.	



BCA Clause	Relevant Deemed-To-Satisfy Requirements	Comment	Status
S15C3: Braille and tactile sign specification	(1) Tactile characters must be raised or embossed to a height of not less than 1 mm and not more than 1.5 mm.	To be assessed prior to CC.	CRA
	(2) Title case must be used for all tactile characters, and—		
	<ul> <li>(a) 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 E4D5 to be provided with an exit sign must have a height of not less than 20 mm and not more than 55 mm; and</li> </ul>		
	(b) lower case tactile characters must have a minimum height of 50% of the related upper-case characters.		



BCA Clause	Relevant Deemed-To-Satisfy Requirements	Comment	Status
	(3) Tactile characters, symbols, and the like, must have rounded edges.		
	(4) The entire sign, including any frame, must have all edges rounded.		
	(5) The background, negative space or fill of signs must be of matt or low sheen finish.		
	(6) The characters, symbols, logos and other features on signs must be matt or low sheen finish.		
	(7) The minimum letter spacing of tactile characters on signs must be 2 mm.		
	(8) The minimum word spacing of tactile characters on signs must be 10 mm.		
	<ul><li>(9) The thickness of letter strokes must be not less than 2 mm and not more than 7 mm.</li></ul>		
	(10) Tactile text must be left justified, except that single words may be centre justified.		
	(11) Tactile text must be Arial typeface.		
S15C4: Luminance contrast	The following applies to luminance contrast:	To be assessed prior to CC.	CRA
	<ul> <li>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%.</li> </ul>		
	<ul> <li>b) Tactile characters, icons and symbols must have a minimum luminance contrast of 30% to the surface on which the characters are mounted.</li> </ul>		
	<ul> <li>c) Luminance contrasts must be met under the lighting conditions in which the sign is to be located.</li> </ul>		



BCA Clause	Relevant Deemed-To-Satisfy Requirements	Comment	Status
S15C5: Lighting	Braille and tactile signs must be illuminated to ensure luminance contrast requirements are met at all times during which the sign is required to be read.	To be assessed prior to CC.	CRA
S15C6: Braille	<ul> <li>The following applies to braille:</li> <li>a) Braille must be grade 1 braille (uncontracted) in accordance with the criteria set out by the Australian Braille Authority.</li> <li>b) Braille must be raised and domed.</li> <li>c) Braille must be located 8 mm below the bottom line of text (not including descenders).</li> <li>d) Braille must be left justified.</li> <li>e) Where an arrow is used in the tactile sign, a solid arrow must be provided for braille readers.</li> <li>f) On signs with multiple lines of text and characters, a semicircular braille locator at the left margin must be horizontally aligned with the first line of braille text.</li> </ul>	To be assessed prior to CC.	CRA
Specification 16 – Accessib	le water entry/exit from swimming pools – not applicable		
Part E3 – Lift installations			
E3D1: Deemed-to-Satisfy Provisions	<ul> <li>(1) Where a Deemed-to-Satisfy Solution is proposed, Performance Requirements E3P1 to E3P4 are satisfied by complying with— <ul> <li>(a) E3D2 to E3D12; and</li> <li>(b) for a building containing an occupiable outdoor area, Part G6; and</li> <li>(c) for public transport buildings, Part I2.</li> </ul> </li> <li>(2) Where a Performance Solution is proposed, the relevant Performance Requirements must be determined</li> </ul>		Noted



E3D6: Landings	Access and egress to and from lift well landings must comply with Parts D2, D3 and D4.	Not applicable	NA
E3D7: Passenger lift types and their limitations	(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:	Not applicable	NA
	<ul> <li>(a) There are no limitations on the use of electric passenger lifts, electrohydraulic passenger lifts or inclined lifts.</li> </ul>		
	(b) Stairway platform lifts must not—		
	<ul> <li>(i) be used to serve a space in a building accommodating more than 100 persons calculated according to D2D18; or</li> </ul>		
	<ul> <li>(ii) be used in a high traffic public use area such as a theatre, cinema, auditorium, transport interchange, shopping centre or the like; or</li> </ul>		
	<ul><li>(iii) be used where it is possible to install another type of passenger lift; or</li></ul>		
	(iv) connect more than 2 storeys; or		
	<ul><li>(v) where more than 1 stairway lift is installed, serve more than 2 consecutive storeys; or</li></ul>		
	<ul> <li>(vi) when in the folded position, encroach on the minimum width of a stairway required by D2D8 to D2D11.</li> </ul>		
	(c) A low-rise platform lift must not travel more than 1000 mm.		
	(d) A low-rise, low-speed constant pressure lift must not—		
	(i) for an enclosed type, travel more than 4 m; or		
	(ii) for an unenclosed type, travel more than 2 m; or		
	<ul> <li>(iii) be used in a high traffic public use areas in buildings such as a theatre, cinema, auditorium,</li> </ul>		



transport interchange, shopping complex or the like.	
(c) A small-sized, low-speed automatic lift must not travel more than 12 m.	
(12) 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.	



BCA Cla	ause	Relevant Deemed-To-Satisfy Requirements	Comment	Status
E3D8:	Accessible features required for passenger lifts	Relevant Deemed-To-Satisfy Requirements	Not applicable	NA



BCA Cla	ause	Relevant Deemed-To-Satisfy Requirements	Comment	Status
Part F4 –	Sanitary and other fac	cilities		
F4D5:	Accessible Sanitary Facilities	<ul> <li>In a building required to be <i>accessible</i>—</li> <li>(a) accessible unisex sanitary compartments must be provided in accessible parts of the building in accordance with F4D6.</li> <li>(b) accessible unisex showers must be provided in accordance with F4D7; and</li> <li>(c) at each bank of toilets where there is one or more toilets in addition to an accessible unisex sanitary compartment at that bank of toilets, not less than one sanitary compartment suitable for a person with an ambulant disability for use by males and not less than one sanitary compartment suitable for a person with an ambulant disability for use by males and not less than one sanitary compartment suitable for a person with an ambulant disability for use by females, each in accordance with AS 1428.1, must be provided; and</li> <li>(d) an accessible unisex sanitary compartment must contain a closet pan, washbasin, shelf or bench top and adequate means of disposal of sanitary products; and</li> <li>(e) the circulation spaces, fixtures and fittings of all accessible sanitary facilities provided in accordance with F4D6 and F4D7 must comply with the requirements of AS 1428.1; and</li> <li>(f) an accessible unisex sanitary facility must be located so that it can be entered without crossing an area reserved for one sex only; and</li> <li>(g) where two or more of each type of accessible unisex contain the provided in accessible unisex for the set of the set of a person with an area reserved for one sex only; and</li> </ul>	A unisex WC provided in the common area, therefore an accessible unisex sanitary compartment must be provided in accordance with F4D6. If unisex facility to remain a performance solution is required for it to be a unisex ambulant facility. All accessible bathrooms in warehouses are to comply with AS 1428.1	DNC
		of left and right handed mirror image facilities must be provided as evenly as possible; and		





### 15.2.2 WC pan clearances

WC pan clearances, including set-out, seat height and seat width shall be as shown in Figure 38.



## NOTES:

1. For the purpose of dimensioning, the front of the WC pan has been taken as the datum plane.

2. The dimension of 800  $\pm$ 10 mm from the front of the WC pan to the wall is a critical dimension.

### 15.2.3 Seat

A toilet seat shall be provided on accessible toilets. The toilet seat shall—

- (a) be of the full-round type, (i.e., not open fronted) and with minimal contours to the top surface;
- (b) be securely fixed in position when in use;
- (c) have seat fixings that create lateral stability for the seat when in use;
- (d) be load-rated to 150 kg; and
- (e) have a minimum luminance contrast of 30% with the background (e.g., pan, wall or floor against which it is viewed).



15.2.4 Backrest	
A backrest shall be provided on accessible toilets. The	
backrest shall—	
(a) be capable of withstanding a force in any	
direction of 1100 N;	
(b) have a height, at the lower edge of backrest to	
the top of the WC pan, of 120 mm to 150 mm, as	
snown in Figure 39(a);	
(c) have a vertical height of 150–200 mm and a	
and	
(d) the front edge of the centre of the backrest be	
positioned to achieve an angle	
(e) of between 95° to 100° back from the seat hinge	
(Figure 39(b).	
←Side wall	
450 to 460	
Edge of any back-wall-mounted fixture or obstruction	
400 max.	
Backrest 150 to 200	
350 to 400 Top of backrest	
850 to 860	
500 min Top of seat	
Top of pan	
Iai Front View DIMENSIONS IN MILLIMETRES	
FIGURE 39 (in part) WATER CLOSET INSTALLATION	





# 15.2.5 Flushing control

Flushing controls shall be user activated, either hand operated or automatic. Where hand-operated flushing controls are used, they shall be located within the zone

shown in Figure 40, or centred on the centre-line of the toilet, wholly within the vertical limits of that zone. The position of the flushing control within this zone shall not be within the area required for any grabrails. The flushing control shall be proud of the surface and shall activate the flush before the button becomes level with the surrounding surface.





15.2.6 Toilet paper dispenser

The outlet for the toilet paper dispenser shall be located within the zone specified in Figure 41.

The toilet paper dispenser shall not encroach upon the clearance space required

around the grabrail specified in Clause 15.2.7.



DIMENSIONS IN MILLIMETRES

FIGURE 41 ZONE FOR POSITION OF TOILET PAPER DISPENSER

### 15.2.7 Grabrails

Where a concealed or high-level cistern or flush valve is used, a continuous grabrail, as specified in Clause 17, shall be provided across the rear wall and side wall nearest the WC pan, as shown in Figure 42. Where a low-level non-concealed cistern or flush valve is used, the grabrail shall be terminated at each side of the cistern, as shown in Figure 42.





15.2.8 Circulation space
15.2.8.1 General
For each WC, the unobstructed circulation space from the finished floor to a height of not less than 2000 mm shall be as shown in Figure 43, except for the following,
which are allowed to intrude into the circulation space:
(a) The toilet paper dispenser (see Clause 15.2.6).
(b) Grabrails (see Clause 15.2.7).
(c) Washbasin limited to 100 mm intrusion as shown in Figure 43.
(d) Hand dryers and towel dispensers.
(e) Soap dispensers (see Clause 15.4.3).
(f) Shelves (see Clause 15.4.2).
(g) Wall cabinets, where provided, which shall not protrude more than 150 mm into the circulation space. The mounting of wall cabinets shall be at least 900 mm above floor level and the top shelf shall be a maximum of 1250 mm above floor level.
(h) Clothes hanging devices (see Clause 15.4.4).
<ul> <li>Portable sanitary disposal unit as shown in Figure 43.</li> </ul>
(j) Other wall mounted fixtures, such as dispensing units and sharps disposal units, which shall have 900 mm minimum height clearance from the finished floor level and a maximum projection of 150 mm from finished wall surface.
The overlapping of circulation spaces shall be in accordance with Clause 15.6.
15.2.8.2 Baby change tables
Where installed, baby change tables shall—
<ul> <li>(a) not encroach into the circulation space of any other toilet facility when in the folded position; and</li> </ul>
(b) have a maximum height of 820 mm and a minimum clearance underneath of 720 mm when in the open position.





### 15.2.9 WC doors

WC doors may be either hinged or sliding. WC doors shall comply with the following:

- (a) Outward-opening doors shall have a mechanism that holds the door in a closed position without the use of a latch.
- (b) Doors shall be provided with an in-use indicator and a bolt or catch. Where a snib catch is used, the snib handle shall have a minimum length of 45 mm from the centre of the spindle. In an emergency, the latch mechanism shall be openable from the outside.
- (c) The force required to operate the door shall be in accordance with Clause 13.5.2(e).
- (d) Door handles and hardware shall be in accordance with Clause 13.5.

15.2.10 Washbasins for unisex accessible sanitary facilities

A hand-washing facility shall be provided inside the toilet cubicle and shall form part

of the accessible unisex facility (see Clause 15.3).



15.3 Washbasins	
15.3.1 General	
The installation of washbasins shall comply with the following:	
(a) The washbasin shall be outside the pan circulation space as shown in Figure 43.	
(b) Water taps shall comply with Clause 15.2.1.	
(c) Exposed hot water supply pipes shall be insulated or located so as not to present a hazard.	
<ul> <li>(d) The projection of the washbasin from the wall and the position of taps, bowl and drain outlet shall be determined in accordance with Figures 44(A) and 44(B); except in sole-occupancy units, where Figure 45 shall apply.</li> </ul>	
(e) Water supply pipes and waste outlet pipes shall not encroach on the required clear space under the washbasin.	
For each washbasin fixture, the unobstructed circulation space shall be as shown in Figure 46; except in sole occupancy units, where Figure 45 shall apply. The washbasin fixture and its fittings are the only fixtures permitted in this space.	
Sence	
← B <sup>↑</sup> PLAN	
DIMENSIONS IN MILLIMETRES	
FIGURE 1944 SEMI-RECESSED WASHBASIN INSTALLATION UTHER THAN FOR SULE-UCCUPANCY UNIT	





#### 15.3.2 Accessible sole occupancy units

Accessible sole occupancy units shall have the following characteristics:

- (a) The projection of the washbasin from the wall and the position of taps, bowl and drain outlet shall be determined in accordance with Figure 45.
- (b) Water supply pipes and waste outlet pipes shall not encroach on the required clear space under the washbasin, as shown in Figure 45.
- (c) For each washbasin fixture, the unobstructed circulation space shall be in accordance with Figure 46. The washbasin fixture and its fittings are the only fixtures permitted in this space.
- (d) Shelf space shall be provided adjacent to the washbasin in one of the following ways:
- (i) As a vanity top-
  - (A) at a height of 800 mm to 830 mm above the floor;
  - (B) with a minimum width of 120 mm beside the basin;
  - (C) with a minimum depth of 300 mm from the front to the rear wall; and







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:	
<ul> <li>(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.</li> </ul>	
(b) As a separate fixture—	
<ul> <li>(i) 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</li> </ul>	
<ul> <li>(ii) 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.</li> </ul>	
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 not more than 1100 mm above the plane of the finis floor, and no closer than 500 mm from an internal corner.	and hed
15.4.4 Clothes-banging devices	
A clothes-hanging devices	n to
1350 mm above the plane of the finished floor and r less than 500 mm out from any internal corner.	ot
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 accordar with Clause 14 and as close to the shelf or worktop	Ce as a second sec
practicable.	
15.5 Showers	
15.5.1 General	
The general requirements for showers are as follow	:
<ul> <li>(a) Shower recesses and the circulation space each shower recess from the finished floor t height of not less than 900 mm shall be as shown in Figure 47. Grabrails, shower hose fittings; taps, soap holder, shelf (if provided) the folding seat are the only fixtures permitte these spaces.</li> </ul>	and ed in
<ul> <li>(b) Shower recess fittings shall be provided as shown in Figures 47 and 48. Not less than t clothes-hanging devices, as specified in Cla 15.4.4, shall be fitted outside the shower reconstruction device shall be located within 400 mm and the other within 600 ±10 mm of the folding seat.</li> </ul>	wo use ess. ±10











15.5.3 Opening shower screens	
The means of screening a shower recess shall be either by a curtain or a door system that maintains the required circulation space of 1600 mm $\times$ 2350 mm.	
15.5.4 Grabrails	
Grabrails, as specified in Clause 17, shall be fixed on the walks in the positions shown in Figures 47 and 48. Taps	
soap holder and shower head support grabrail, as shown	
in Figures 47 and 48 may encroach into the 600 mm clearance above the grabrail required by Clause 17(e).	
15.5.5 Shower head support grabrail	
A shower head support grabrail, as specified in Clause 17, shall be fixed on the wall in the position shown in Figure 48.	
15.5.6 Shower head	
A hand-held shower head shall be provided, which shall have a flexible hose of a minimum length of 1500 mm.	
An adjustable shower head holder shall be provided to support the shower head and shall—	
<ul> <li>(a) be installed on the shower head holder support grabrail as shown in Figure 48;</li> </ul>	
<ul> <li>(b) allow the graspable portion of the shower head to be positioned at various angles and heights;</li> </ul>	
<ul> <li>(c) allow the graspable portion of the shower head to be located at heights between 1000 mm and 1800 mm above the plane of the finished floor; and</li> </ul>	
<ul><li>(d) allow access and adjustment from a seated position.</li></ul>	
15.5.7 Soap holder	
The soap holder shall be located within the zone shown in Figure 48.	



15.5.8 Taps	
Taps, as specified in Clause 15.2.1, shall be located within the zone shown in Figure 48.	
15.5.9 Folding seat	
A foldable seat shall be provided inside the shower recess, as shown in Figures 47 and 48, and shall—	
(a) be self-draining;	
(b) be slip-resistant;	
<ul><li>(c) have front corners that are rounded to a radius of 10 to 15 mm;</li></ul>	
<ul><li>(d) have top edges that are rounded with a minimum radius of 2 to 3 mm; and</li></ul>	
<ul><li>(e) shall fold in an upwards direction and when folded the grabrail shall be accessible.</li></ul>	
Where drainage is provided by holes or slots in single unit seats or by gaps between slats in compound seats, the diameter of the holes, the width of the slots and the gaps between slats shall be between 4 to 6 mm.	
The fastenings, materials and construction of the seat shall be able to withstand a force of 1100 N applied at any position and in any direction without failing or loosening of fastenings.	
15.6 Circulation spaces in accessible sanitary facilities	
The circulation spaces in accessible sanitary facilities shall be in accordance with Clause 15.2.8 and Figures 43 to 47 and 50. The following also apply:	
<ul> <li>(a) Circulation spaces, including door circulation spaces, may be overlapped.</li> </ul>	
<ul> <li>(b) With the following exceptions, fixtures shall not encroach into circulation spaces:</li> </ul>	
<ul> <li>(i) The washbasin may encroach into the WC circulation space in accordance with Figure 43.</li> </ul>	
(ii) The washbasin may encroach into the shower	





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## 16.3 Doors

Doors to sanitary compartments for people with ambulant disabilities shall have openings with a minimum clear width of 700 mm, and shall comply with Figure 53(B).

Doors shall be provided with an in-use indicator and a bolt or catch. Where a snib catch is used, the snib handle shall have a minimum length of 45 mm from the centre of the spindle. In an emergency, the latch mechanism shall be openable from the outside.

## 16.4 Signage

Sanitary compartment for people with ambulant disabilities shall be identified by symbol or words, as specified in Clause 8.

## 16.5 Coat hook

A coat hook shall be provided within the sanitary compartment and at a height between 1350 mm to 1500 mm from the floor.







	Standard projection for WC goo min tor WC lat	
	900 to 900 min Standard For WC 900 min for WC 100 min	
	Standard Porection for WC (c)	
	Standard 900 mm	
	LEGEND For WC (d) 900 x 900 circulation space DIMENSIONS IN MILLIMETRES	
	FIGURE 53(B) SANITARY COMPARTMENT FOR PEOPLE WITH AMBULANT DISABILITIES—DOORWAY OPTIONS	
F4D12: Accessible adult change facilities	Not applicable	NA



## Annexure B – Design Documentation

This report has been prepared based on the following design documentation.

Architectural plans prepared by PMDL Architecture Interiors Masterplanning			
Drawing no.	Revision	Date	Title
DA110	01 -WIP	05/12/2024	LOWER GROUND FLOOR PLAN
DA111	01 -WIP	05/12/2024	GROUND FLOOR AND GROUND MEZZANINE PLAN
DA112	01 -WIP	05/12/2024	PROPOSED FIRST FLOOR PLAN
DA113	01 -WIP	05/12/2024	PROPOSED FIRST MEZZ FLOOR PLAN
DA114	01 -WIP	05/12/2024	PROPOSED ROOF PLAN
DA201	01 -WIP	05/12/2024	PROPOSED ELEVATIONS (1)
DA202	01 -WIP	05/12/2024	PROPOSED ELEVATIONS (2)
DA300	01 -WIP	05/12/2024	SECTIONS (1)
DA301	01 -WIP	05/12/2024	SECTIONS (2)