



# Access Assessment Report

## Barker College SSDA



**Project:** Barker College SSDA

**Reference No:** 115344-Access-r1

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## Document Control

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## BCA Logic Acquired by Jensen Hughes

BCA Logic was acquired by Jensen Hughes, the largest specialist fire and safety engineering firm in the world, in September 2021.

A respected global leader in safety, security and risk-based engineering and consulting, Jensen Hughes employs more than 1,400 people across 100 countries. This acquisition marks the company's entry into the Australian market and speaks to BCA Logic's experience and expertise in building legislation and regulations, fire, accessibility, and energy consulting.

Partnering with Jensen Hughes allows BCA Logic to further advance our capabilities in all aspects of fire safety engineering and support our clients with an expanded range of complementary services. Both companies share a commitment to technical excellence and exceptional client service.

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## 1 BASIS OF ASSESSMENT

### 1.1. Location

The building development, the subject of this report, is located at 91 Pacific Highway, Hornsby and is known as Barker College where it is proposed to carry out a staged development. Stage 1 incorporates pedestrian infrastructure including raised walkways, stairways and lift access to C Block and various external domain works. Future stages of the development will include the construction of an Aquatics and Tennis Centre, Performing Arts + Exam Centre and Maintenance Facility.



Photograph courtesy of Six Maps

### 1.2. Purpose

The purpose of this report is to assess the proposed building against the documents and their relevant Deemed to Satisfy requirements. The report is intended to clearly outline those areas where compliance is not achieved and provide recommendations to achieve compliance:

- > Disability Discrimination Act 1992 (DDA);
- > Disability Access to Premises Standards 2010 (Premises Standards);
- > Building Code of Australia 2019 (BCA2019) Volume 1 Amendment 1 – Part D3 and Clauses E3.6 and F2.4; and
- > Applicable Australian Standards AS1428.1:2009, AS1428.4.1:2009 and AS2890.6:2009.

### 1.3. Limitations

This report is limited to an assessment of the access and amenity provisions for people with a disability against the documents as outlined in 1.2 above. It is not an assessment of the proposal against all provisions of the BCA2019 and if this is required, a separate report will be necessary.

This report does not include nor imply any detailed assessment for design, compliance or upgrading for:

- > The structural adequacy or design of the building;
- > The inherent derived fire-resistance ratings of any existing or proposed structural elements of the building (unless specifically referred to); and

- > The design basis and/or operating capabilities of any existing or proposed electrical, mechanical or hydraulic fire protection services.

This report does not include, or imply compliance with:

- > The Disability Discrimination Act (it cannot be guaranteed that a complaint under the DDA will not be made, however should the building comply with BCA2019 and the Premises Standard then those responsible for the building cannot be subject to a successful complaint);
- > BCA2019 Sections B, C, E, F, G, H, I, J, Parts D1 and D2;
- > Demolition Standards not referred to by the BCA2019;
- > Work Health and Safety Act;
- > Construction Safety Act;
- > Requirements of other Regulatory Authorities including, but not limited to, Telecommunications Supply Authority, Water Supply Authority, Electricity Supply Authority, Work Cover, Roads and Maritime Services (RMS), Local Council, ARTC, Department of Planning and the like; and
- > This report does not assess the safety of the particular aspects of the building but merely the minimum standards called up by the documents outlined in Part 1.2 of this report.

#### **1.4. 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 BC2019 are recognised as a design standard to satisfy certain aspects of the DDA, compliance with the BCA2019 and the referenced standards does not guarantee that a complaint will not be lodged.

#### **1.5. Disability Access to Premises Standards (Premises Standards)**

The aim of the 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.

The Premises Standards generally align with the BCA2019 and reference a range of Australian Standards relating to access and other associated matters.

They do not apply to existing buildings that are not undergoing upgrade, however they introduce the concept of the “Affected Part”. This means that new works need to be connected to the building’s Principal Pedestrian Entrance by an accessible path of travel. This can mean that upgrade to the building may be necessary even where none is proposed.

#### **1.6. Design Documentation**

This report has been based on the Design plans and Specifications listed in Annexure A of this Report.

## 1.7. Definitions

### Accessible

Having features to enable use by people with a disability.

### Accessway

A continuous accessible path of travel (as defined in AS 1428.1) to, into or within a building.

### Affected Part

The affected part is;

1. The principal pedestrian of an existing building that contains a new part; and
2. Any part of an existing, that contains a new part, that is necessary to provide a continuous accessible path of travel from the entrance to the new part.

### Continuous Accessible Path of Travel

An uninterrupted path of travel to, into or within a building providing access to all access facilities.

### Ramp

An inclined surface on a continuous accessible path of travel between two landings with a gradient steeper than 1 in 20 but not steeper than 1 in 14.



## 2 KEY COMPLIANCE CONSIDERATION

### 2.1. General

The following is a summary of all the individual elements that relate directly to the ability of a person with a disability to access all the portions of the building required to be accessible.

Accessibility has been assessed against the documents outlined in Part 1.2 of this Report. The Annexures to this report provides a detailed assessments of the proposal against ALL relevant Deemed-to-Satisfy Provisions and prescriptive requirements

Note: It is important that the Annexures are read in conjunction with the items below, as some matters may not have had sufficient information provided to allow a detailed assessment to be undertaken.

### 2.2. Classification

Under the provisions of Parts A6 of BCA2019 and Part A4 of the Access Code, the building has been classified as follows:

Table 1. Building Classification

Class	Level	Description
<b>C Block</b>		
5	Level 1	Parts used for office and administration purposes.
9b	Levels 1, 2 & 3	Parts of building used for educational purposes.
7b	Field level	Storage area accessed from field.
<b>Aquatic and Tennis Centre</b>		
7a	Lower ground	Car parking area.
9b	Ground floor, First floor, Second floor	Parts of the building used for sporting and recreational purposes.
10b	Ground floor	Swimming pool structures.
<b>Co Curricular Performing Arts and Exam Centre</b>		
7a	Basement	Car parking area.
7b	Basement	Storage parts of the building.
8	Basement, Lower ground	Workshop and maintenance areas.
9b	Lower ground, Ground	Parts of building used for educational purposes.

### 2.3. Dimensions and Tolerances

The Premises Standards and BCA contains the minimum standards for building construction and safety, and therefore generally stipulates minimum dimensions which must be met. BCA Logic's assessment of the plans and specifications has been undertaken to ensure the minimal dimensions have been met.



The designer and builder should ensure that the minimum dimensions are met onsite and consideration needs to be given to construction tolerances for wall set outs, applied finishes and skirtings to corridors and bathrooms for example, tiling bed thicknesses and the like which can adversely impact on critical matters such as access for people with disabilities, stair and corridor widths and balustrade heights.

#### 2.4. Performance Based Design – Performance Solutions

There are specific areas throughout the development where strict Deemed-to-Satisfy Premises Standards and BCA Compliance will not be achieved by the proposed design and site constraints. These matters will need to be addressed in a detailed Performance Solution Report to be prepared for this development under separate cover:

Table 2. Performance Solutions

Item	Description of Performance Solution	DTS Provision
1.	No passenger lift access is proposed to be provided to the workshop mezzanines and staff room, within the Performing Arts and Exam Centre	D3.3

### **3 STATEMENT OF COMPLIANCE**

The design documentation as referred to in this report has been assessed against the applicable provisions for Accessibility as outlined in Part 1.2 of this report. It is considered that such documentation complies or is capable of complying (as outlined in Part 2 of this Report) with those documents, for the purposes of a Development Application

## ANNEXURE A – DESIGN DOCUMENTATION

This report has been based on the following design documentation.

Table 3. Architectural Plans

Architectural Plans Prepared by Neeson Murcutt + Neille			
Drawing Number	Revision	Date	Title
<b>Stage 1: C Block Walkway</b>			
DA1.01	SSDA	25/05/22	Cover Sheet + Site Plan
DA1.02	SSDA	25/05/22	Circulation Diagram
DA2.01	SSDA	25/05/22	Level 1 Demolition Plan
DA2.02	SSDA	25/05/22	Level 2 Demolition Plan
DA2.03	SSDA	25/05/22	Level 3 Demolition Plan
DA2.11	SSDA	25/05/22	Level 1 Plan
DA2.12	SSDA	25/05/22	Level 2 Plan
DA2.13	SSDA	25/05/22	Level 3 Plan
DA3.01	SSDA	25/05/22	Elevations + Sections
DA4.01	SSDA	25/05/22	Materials
DA5.01	SSDA	25/05/22	3D Views
<b>Aquatics + Tennis Centre</b>			
RD(AQ) 1.01	SSDA	25/05/22	Cover Sheet
RD(AQ) 2.01	SSDA	25/05/22	Demolition Plan
RD(AQ) 2.02	SSDA	25/05/22	Lower Ground Plan
RD(AQ) 2.03	SSDA	25/05/22	Ground Floor Plan
RD(AQ) 2.04	SSDA	25/05/22	First Floor Plan
RD(AQ) 2.05	SSDA	25/05/22	Second Floor Plan
RD(AQ) 2.06	SSDA	25/05/22	Roof Plan
RD(AQ) 3.01	SSDA	25/05/22	Elevations
RD(AQ) 3.02	SSDA	25/05/22	Elevations
RD(AQ) 4.01	SSDA	25/05/22	Sections
RD(AQ) 4.02	SSDA	25/05/22	Sections
<b>Co-Curricular Performing Arts + Exam Centre</b>			
RD(PA) 1.01	SSDA	25/05/22	Cover Sheet
RD(PA) 2.01	SSDA	25/05/22	Demolition Plan
RD(PA) 2.02	SSDA	25/05/22	Basement Plan

Architectural Plans Prepared by Neeson Murcutt + Neille			
RD(PA) 2.03	SSDA	25/05/22	Lower Ground Plan
RD(PA) 2.04	SSDA	25/05/22	Ground Floor Plan
RD(PA) 2.05	SSDA	25/05/22	Roof Plan
RD(PA) 3.01	SSDA	25/05/22	Elevations
RD(PA) 3.02	SSDA	25/05/22	Elevations
RD(PA) 4.01	SSDA	25/05/22	Sections
RD(PA) 4.02	SSDA	25/05/22	Sections

**ANNEXURE B - PREMISES STANDARDS & BCA ASSESSMENT**

<b>N/A</b>	Not Applicable. The Deemed-to-Satisfy clause is not applicable to the proposed design.
<b>Complies</b>	The relevant provisions of the Deemed-to-Satisfy clause have been satisfied by the proposed design.
<b>CRA – Refer Annexure C</b>	'COMPLIANCE READILY ACHIEVABLE'. It is considered that there is not enough information included in the documentation to accurately determine strict compliance with the individual clause requirements. However, with further design development, compliance can readily be achievable. This item is to be read in conjunction with the BCA Specification included within Annexure C of this report.
<b>FI</b>	Further Information is necessary to determine the compliance potential of the building design.
<b>PS</b>	Performance Solution with respect to this Deemed-to-Satisfy Provision is necessary to satisfy the relevant Performance Requirements.
<b>DNC</b>	Does Not Comply.
<b>Noted</b>	BCA Clause simply provides a statement not requiring specific design comment or confirmation.

## Building Code of Australia 2019 Assessment Summary (BCA2019) / Premises Standards (Access Code)

Table 4. BCA 2019 Summary

Clause	Clause Requirements	Comment	Status
<b>Section D: Access and Egress</b>			
<b>Part D3 – Access for People with a Disability</b>			
D3.0: Deemed-to-Satisfy Provisions	Informational	Noted	Noted
D3.1: General Building Access Requirements	<p>Buildings and parts of buildings must be accessible as required by Table D3.1, unless exempted by D3.4.</p> <p><b>Class 7 –</b> To and within any level containing accessible carparking spaces.</p> <p><b>Class 8 –</b> To and within all areas normally used by the occupants.</p> <p><b>Class 9b –</b> To and within all areas normally used by the occupants. To wheelchair seating spaces provided in accordance with D3.9. To and within all other areas normally used by the occupants, except that access need not be provided to tiers or platforms of seating areas that do not contain wheelchair seating spaces.</p> <p><b>Class 10b –</b> To and into swimming pools with a total perimeter greater than 40m.</p>	<p><b>C Block</b> Suitable provision has been made to ensure that access is available to and within the areas of new works with connection to building entrance points.</p> <p><b>Aquatics and Tennis Centre</b> Suitable provision has been made to ensure that access is available to and within the areas of new works with connection to building entrance point. Wheel chair seating spaces are required to the tiered seating areas, which can be suitably provided. Both pools will need to provide accessible entries/exit points as their perimeters are more than 40m.</p> <p><b>Performing Arts and Exam Centre</b> Suitable provision has been made to ensure that access is available to and within the areas of new works with connection to the building's entrance point. Wheel chair seating spaces are required to the tiered seating areas, which can be suitably provided.</p>	CRA – Refer Annexure C

Section D: Access and Egress			
D3.2: Access to Buildings	<ul style="list-style-type: none"> <li>(a) An accessway must be provided to a building required to accessible –               <ul style="list-style-type: none"> <li>(i) from the main points of a pedestrian entry at the allotment boundary; and</li> <li>(ii) from another accessible building connected by a pedestrian link; and</li> <li>(iii) from any required accessible carparking space on the allotment.</li> </ul> </li> <li>(b) In a building required to be accessible, an accessway must be provided through the principal pedestrian entrance, and –               <ul style="list-style-type: none"> <li>(i) through not less than 50% of all pedestrian entrances including the principal pedestrian entrance; and</li> <li>(ii) in a building with a total floor area more than 500m<sup>2</sup>, a pedestrian entrance which is not accessible must not be located more than 50 m from an accessible pedestrian entrance, except for pedestrian entrances serving only areas exempted by D3.4.</li> </ul> </li> <li>(c) Where a pedestrian entrance required to be accessible has multiple doorways—               <ul style="list-style-type: none"> <li>(i) if the pedestrian entrance consists of not more than 3 doorways — not less than 1 of those doorways must be accessible; and</li> <li>(ii) if a pedestrian entrance consists of more than 3 doorways — not less than 50% of those doorways must be accessible.</li> </ul> </li> <li>(d) For the purposes of (c)—               <ul style="list-style-type: none"> <li>(i) an accessible pedestrian entrance with multiple doorways is considered to be one pedestrian entrance where—</li> </ul> </li> </ul>	<p><b>C Block</b></p> <p>An accessway is suitably proposed that will connect to the Chapel Drive and Memorial Drives which is part of the internal road network. The proposed walkways suitably linked with one another to provide appropriate interconnection.</p> <p>No car spaces form part of the proposed C Block works.</p> <p>New entrance doorways into the building will need to maintain the relevant wheelchair circulation clearances which can be achieved.</p> <p><b>Aquatics and Tennis Centre</b></p> <p>An accessway is suitably proposed from the allotment boundary using an entry forecourt. An accessible pedestrian link is suitably proposed providing connection to the adjacent Junior School building.</p> <p>Connection to the accessible car space is suitably provided via the use of a passenger lift.</p> <p><b>Performing Arts and Exam Centre</b></p> <p>Accessways are suitably proposed from the allotment boundary to serve the different parts of the building.</p> <p>Connection to the accessible car space is suitably provided via the use of a passenger lift.</p>	CRA – Refer Annexure C



Section D: Access and Egress			
	<p>(A) all doorways serve the same part or parts of the building; and</p> <p>(B) the distance between each doorway is not more than the width of the widest doorway at that pedestrian entrance (see Figure D3.2); and</p> <p>(ii) a doorway is considered to be the clear, unobstructed opening created by the opening of one or more door leaves (see Figure D3.2).</p> <p>(e) Where a doorway on an accessway has multiple leaves, (except an automatic opening door) one of those leaves must have a clear opening width of not less than 850 mm in accordance with AS 1428.1.</p>		
D3.3: Parts of Buildings to be Accessible	<ul style="list-style-type: none"> <li>&gt; Walkways and ramps must comply with clause 10 of AS 1428.1-2009.</li> <li>&gt; Non-fire-isolated stairways must comply with Clause 11 of AS 1428.1-2009.</li> <li>&gt; Fire-isolated stairways must comply with clause 11 (f) &amp; (g) of AS 1428.1-2009.</li> </ul> <p>The accessways must be provided with:</p> <ul style="list-style-type: none"> <li>&gt; Passing spaces (1800x2000mm) complying with AS1428.1 at 20m max. intervals where direct line of sight is not available.</li> <li>&gt; Turning spaces (1540x2070mm) complying with AS1428.1 within 2m of the end of accessways (including corridors or the like); and at 20m max. intervals along an accessway.</li> <li>&gt; An intersection of accessways satisfies the spatial requirements for a passing and turning space.</li> </ul>	<p><b>C Block</b></p> <p>Suitable provision has been made available for the proposed works to achieve the accessible features necessary by this clause and others that are relevant by AS1428.1-2009.</p> <p><b>Aquatics and Tennis Centre</b></p> <p>Suitable provision has been made available for the proposed works to achieve the accessible features necessary by this clause and others that are relevant by AS1428.1-2009.</p> <p><b>Performing Arts and Exam Centre</b></p> <p>Suitable provision is available for the building to achieve the required accessible features necessary by this clause and others that are relevant by AS1428.1-2009.</p> <p>A Performance Solution assessment would be necessary at a later stage as no lift access is proposed to serve the workshop mezzanine and staff room.</p>	CRA – Refer Annexure C & PS

Section D: Access and Egress			
D3.4: Exemptions	Certain areas can be exempted under this clause if pose a health and safety risk for people with disability and /or access would be inappropriate because the particular purpose for which this area is used (e.g. plant rooms, service areas, heavy / toxic item storage, etc.)	Plant and services areas will not need to be accessible.	Noted
D3.4: Accessible Car Parking	<p>Accessible carparking spaces—</p> <p>(a) subject to (b), must be provided in accordance with Table D3.5 in—</p> <p>(i) a Class 7a building required to be accessible; and</p> <p>(ii) a carparking area on the same allotment as a building required to be accessible; and</p> <p>(b) need not be provided in a Class 7a building or a carparking area where a parking service is provided and direct access to any of the carparking spaces is not available to the public; and</p> <p>(c) subject to (d), must comply with AS/NZS 2890.6; and</p> <p>(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.</p>	<p><b>C Block</b></p> <p>No car parking forms part of the C Block works.</p> <p><b>Aquatics and Tennis Centre</b></p> <p>At least one accessible car space is required. Suitable provision has been made available for the accessible space to meet the requirements of AS/NZS 2890.6.</p> <p><b>Performing Arts and Exam Centre</b></p> <p>At least two accessible car spaces are required. Suitable provision has been made available for the accessible space to meet the requirements of AS/NZS 2890.6</p>	CRA – Refer Annexure C
D3.6: Signage	<p>&gt; Braille and tactile signage complying with Specification D3.6 and incorporating the international symbol of access, or deafness as appropriate, must identify each:</p> <ul style="list-style-type: none"> <li>○ sanitary facility; and</li> <li>○ any space with a hearing augmentation system; and</li> </ul>	<p><b>C Block</b></p> <p>Required signage can be suitably provided as required.</p> <p><b>Aquatics and Tennis Centre</b></p> <p>Required signage can be suitably provided as required.</p> <p><b>Performing Arts and Exam Centre</b></p> <p>Required signage can be suitably provided as required.</p>	CRA – Refer Annexure C

## Section D: Access and Egress

- identify each door required by E4.5 to be provided with an exit sign and state “Exit” and “Level” and either:
  - (aa) the floor level number; or
  - (bb) a floor level descriptor; or
  - (cc) a combination of (aa) and (bb)
- > 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 –
  - the type of hearing augmentation; and
  - the area covered within the room; and
  - if receivers are being used and where the receivers can be obtained.
- > Signage to accessible sanitary facilities must identify if the facility is suitable for left or right handed use; and
- > Signage to identify an ambulant accessible facility in accordance with AS 1428.1 must be located on the door of the facility.
- > 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;
- > Where a bank of facilities is not provided with an accessible unisex sanitary facility, directional signage incorporating the international symbol of access 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 facility.

## Section D: Access and Egress

D3.7: Hearing Augmentation	<p>(a) A hearing augmentation system must be provided where an inbuilt amplification system, other than one used only for emergency warning, is installed—</p> <ul style="list-style-type: none"> <li>(i) in a room in a Class 9b building; or</li> <li>(ii) in an auditorium, conference room, meeting room or room for judicatory purposes;</li> </ul> <p>or</p> <ul style="list-style-type: none"> <li>(iii) at any ticket office, teller's booth, reception area or the like, where the public is screened from the service provider.</li> </ul> <p>(b) If a hearing augmentation system required by (a) is—</p> <ul style="list-style-type: none"> <li>(i) an induction loop, it must be provided to not less than 80% of the floor area of the room or space served by the inbuilt amplification system; or</li> <li>(ii) a system requiring the use of receivers or the like, it must be available to not less than 95% of the floor area of the room or space served by the inbuilt amplification system, and the number of receivers provided must not be in accordance with this clause.</li> </ul> <p>(c) The number of persons accommodated in the room or space served by an inbuilt amplification system must be calculated according to D1.13.</p> <p>(d) Any screen or scoreboard associated with a Class 9b building and capable of displaying public announcements must be capable of supplementing any public address system, other than a public address system used for emergency warning purposes only.</p>	<p><b>C Block</b></p> <p>Hearing Augmentation to be provided where in built amplification systems installed.</p> <p><b>Aquatics and Tennis Centre</b></p> <p>Hearing Augmentation to be provided where in built amplification systems installed.</p> <p><b>Performing Arts and Exam Centre</b></p> <p>Hearing Augmentation to be provided where in built amplification systems installed.</p>	CRA – Refer Annexure C
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Section D: Access and Egress			
D3.8: Tactile Indicators	<p>(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—</p> <ul style="list-style-type: none"> <li>(i) stairway, other than a fire-isolated stairway; and</li> <li>(ii) an escalator; and</li> <li>(iii) a passenger conveyor or moving walk; and</li> <li>(iv) a ramp other than a fire-isolated ramp, step ramp, kerb ramp or swimming pool ramp; and</li> <li>(v) in the absence of a suitable barrier— <ul style="list-style-type: none"> <li>(A) an overhead obstruction less than 2 m above floor level, other than a doorway; and</li> <li>(B) an accessway meeting a vehicular way adjacent to any pedestrian entrance to a building, excluding a pedestrian entrance serving an area referred to in D3.4, if there is no kerb or kerb ramp at that point,</li> </ul> </li> </ul> <p>except for areas exempted by D3.4. (b)</p> <p>(b) Tactile ground surface indicators required by (a) must comply with sections 1 and 2 of AS/NZS 1428.4.1.</p>	<p><b>C Block</b></p> <p>The proposed stairways and ramps can be readily provided with Tactile Indicators as required.</p> <p><b>Aquatics and Tennis Centre</b></p> <p>The proposed stairways and ramps can be readily provided with Tactile Indicators as required.</p> <p><b>Performing Arts and Exam Centre</b></p> <p>The proposed stairways and ramps can be readily provided with Tactile Indicators as required.</p>	CRA – Refer Annexure C
D3.9: Wheelchair seating spaces in Class 9b Assembly Buildings	<p>Wheelchair seating spaces are required in Class 9b assembly buildings (e.g. cinemas, theatres, etc.) spread evenly throughout with an accessway to / from them, compliant with AS1428.1.</p>	<p><b>C Block</b></p> <p>N/A</p> <p><b>Aquatics and Tennis Centre</b></p> <p>The tiered seating areas will need to provide wheel chair seating spaces in the number and arrangement specified by this clause. It is considered that these can be readily provided as necessary.</p>	CRA – Refer Annexure C

Section D: Access and Egress			
		<b>Performing Arts and Exam Centre</b> The tiered seating areas will need to provide wheel chair seating spaces in the number and arrangement specified by this clause. It is considered that these can be readily provided as necessary.	
D3.10: Swimming Pools	At least one accessway to / from the swimming pool to be provided according to this Clause and Table D3.1 and AS1428.1.	<b>C Block</b> N/A <b>Aquatics and Tennis Centre</b> Both of the proposed pools have perimeters greater than 40m and must each have at least 1 accessible water entry/exit in accordance with this clause. It is noted that provision is made for a platform style of lift to be used for each pool which is a suitable method. <b>Performing Arts and Exam Centre</b> N/A	CRA – Refer Annexure C
D3.11: Ramps	On an accessway a series of connected ramps must not have a combined vertical rise of 3.6m and a landing for a step ramp must not overlap a landing for another step ramp or ramp.	<b>C Block</b> The proposed ramps will achieve compliance with this Clause. <b>Aquatics and Tennis Centre</b> It is noted that walkway gradients of 1:20 are sought to be achieved. This gradient or shallower is not considered to be a ramp. <b>Performing Arts and Exam Centre</b> Any required ramps are expected to readily comply with this clause.	CRA – Refer Annexure C
D3.12: Glazing on an Accessway	On an accessway, 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	<b>C Block</b> Where necessary full height glazing and the like can be provided with required banding.	CRA – Refer Annexure C

**Section D: Access and Egress**

	or opening, must be clearly marked in accordance with AS 1428.1.	<b>Aquatics and Tennis Centre</b> Where necessary full height glazing and the like can be provided with required banding.  <b>Performing Arts and Exam Centre</b> Where necessary full height glazing and the like can be provided with required banding.	
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**Section E: Services and Equipment****Part E3 – Lift Installations**

E3.0: Deemed-to-Satisfy Provisions	Informational		Noted
E3.6: Passenger Lifts	<p>The passenger lifts must be one of the types specified in Table E3.6a, have accessible features in accordance with Table E3.6b, as follows:</p> <ul style="list-style-type: none"> <li>&gt; Handrail complying with the provisions for a mandatory handrail in AS 1735.12.</li> <li>&gt; Lift floor dimensions not less than 1400 mm wide by 1600 mm deep (lifts that travel more than 12m)</li> <li>&gt; Lift floor dimensions not less than 1100 mm wide by 1400 mm deep (lifts that travel not more than 12m)</li> <li>&gt; Minimum clear door opening complying with AS 1735.12.</li> <li>&gt; Passenger protection system complying with AS1735.12.</li> <li>&gt; Lift car and landing control buttons complying with AS 1735.12.</li> <li>&gt; Lighting in accordance with AS 1735.12.</li> </ul>	<b>C Block</b> It is noted that two passenger lifts are proposed which have travel distances of less than 12m. The lifts can suitably incorporate the required car dimensions and features.  <b>Aquatics and Tennis Centre</b> A passenger lift has been suitably allowed for which will have a travel distance of more than 12m. The lift can suitably incorporate the required car dimensions and features.  <b>Performing Arts and Exam Centre</b> Where necessary full height glazing and the like can be provided with required banding.	CRA – Refer Annexure C



### Section E: Services and Equipment

	<p>(a) Automatic audible information within the lift car to identify the level each time the car stops; and</p> <p>(b) audible and visual indication at each lift landing to indicate the arrival of the lift car; and</p> <p>(c) audible information and audible indication required by (a) and (b) is to be provided in a range of between 20–80 dB(A) at a maximum frequency of 1 500 Hz.</p> <p>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.</p>		
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### Section F: Healthy and Amenity

#### Part F2 – Sanitary and Other Facilities

F2.0: Deemed-to-Satisfy Provisions	Informational		Noted
F2.4: Accessible Sanitary Facilities (including Table F2.4)	<p>In a building required to be accessible—</p> <p>(a) accessible unisex sanitary compartments must be provided in accessible parts of the building in accordance with Table F2.4(a); and</p> <p>(b) accessible unisex showers must be provided in accordance with Table F2.4(b); and</p> <p>(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, a sanitary compartment suitable for a person with an ambulant disability in accordance with AS 1428.1 must be provided for use by males and females; and</p>	<p><b>C Block</b></p> <p>It is noted that sanitary facilities are proposed and make suitable provision for unisex accessible facilities and cubicles suitable for persons with an ambulant disability.</p> <p><b>Aquatics and Tennis Centre</b></p> <p>It is noted that sanitary facilities are proposed and make suitable provision for unisex accessible facilities and cubicles suitable for persons with an ambulant disability.</p> <p><b>Performing Arts and Exam Centre</b></p> <p>It is noted that sanitary facilities are proposed and make suitable provision for unisex accessible facilities and cubicles suitable for persons with an ambulant disability.</p>	CRA – Refer Annexure C

Section F: Healthy and Amenity			
	<ul style="list-style-type: none"> <li>(d) an accessible unisex sanitary compartment must contain a closet pan, washbasin, shelf or bench top and adequate means of disposal of sanitary towels; and</li> <li>(e) the circulation spaces, fixtures and fittings of all accessible sanitary facilities provided in accordance with Table F2.4(a) and Table F2.4(b) 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 sanitary facility are provided, the number of left and right handed mirror image facilities must be provided as evenly as possible; and</li> <li>(h) where male sanitary facilities are provided at a separate location to female sanitary facilities, accessible unisex sanitary facilities are only required at one of those locations; and</li> <li>(i) compartment or an accessible unisex shower need not be provided on a storey or level that is not required by D3.3(f) to be provided with a passenger lift or ramp complying with AS 1428.1.</li> </ul>		
F2.9: Accessible adult change facilities	<ul style="list-style-type: none"> <li>(a) Accessible adult change facilities required by (b) – <ul style="list-style-type: none"> <li>(i) must be constructed in accordance with Specification F2.9; and</li> <li>(ii) cannot be combined with another sanitary compartment,</li> </ul> </li> <li>(b) One unisex accessible adult change facility must be provided in accessible part of a- <ul style="list-style-type: none"> <li>(i) ...; and</li> </ul> </li> </ul>	<p><b>C Block</b> N/A</p> <p><b>Aquatics and Tennis Centre</b> An Accessible adult change facility will need to be provided as the main pool has a perimeter greater than 70m.</p> <p><b>Performing Arts and Exam Centre</b> N/A</p>	CRA – Refer Annexure C

**Section F: Healthy and Amenity**

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|  | <ul style="list-style-type: none"><li>(ii) Class 9b sports venue or the like that –<ul style="list-style-type: none"><li>(A) has a design occupancy of not less than 35,000 spectators; or</li><li>(B) contains a swimming pool that has a perimeter of not less than 70 m and that is required by Table D3.1 to be accessible; and</li></ul></li><li>(c) For the purposes of (b), design occupancy must be calculated in accordance with D1.13, but excluding any area that –<ul style="list-style-type: none"><li>(i) can only be accessed by staff, employees, contractors, maintenance personnel and the like; or</li><li>(ii) is subject to an exemption under D3.4.</li></ul></li></ul> |  |  |
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## ANNEXURE C - COMPLIANCE SPECIFICATION

### Design Certification

Further due to the level of detail provided at this stage the following items are to form part of a design statement or specification:

### General

1. Tactile ground surface indicators will be installed at the top and bottom of stairways / ramps (other than fire isolated stairways / ramps); and where an overhead obstruction is less than 2 metres above the floor level. Tactile ground surface indicators will comply with Sections 1 and 2 of AS1428.4.1.
2. On an accessway where there is no chair rail, handrail or transom, all frameless or fully glazed doors, sidelights or glazing capable of being mistaken for a doorway or opening will be clearly marked and comply with Clause 6.6 of AS1428.1-2009. A solid non-transparent contrasting line not less than 75mm wide is to extend across the full width of the glazing panel. The lower edge of the contrasting line is to be located between 900-1000mm above the plane of the finished floor level. The contrasting line is to provide a minimum of 30% luminance contrast when viewed against the floor surface or surfaces within 2 metres of the glazing on the opposite side.
3. All doorways will have a minimum luminance contrast of 30% in accordance with Clause 13.1 of AS1428.1-2009.
4. Fixtures and fittings in accessible sanitary facilities will be provided and installed in accordance Clause 15 of AS1428.1-2009.
5. Fixtures and fittings in ambulant facilities will be provided and installed in accordance Clause 16 of AS1428.1-2009.
6. Walkways will comply with Clause 10 of AS1428.1-2009.
7. For the walkways, the floor or ground surface abutting the sides of the walkway will be firm and level of a different material to that of the walkway at the same level and follow the grade of the walkway and extend horizontally for a minimum of 600mm, or be provided with a kerb or kerb rail in accordance with Clause 10.2 of AS1428.1-2009.
8. Stairways will comply with Clause 11 of AS1428.1-2009.
9. The fire isolated stairs will comply with Clause 11.1(f) and (g) of AS1428.1-2009.
10. Handrails will comply with Clause 12 of AS1428.1-2009.
11. Grabrails will comply with Clause 17 of AS1428.1-2009.
12. Accessible car spaces will achieve compliant headroom clearances in accordance with Clause 2.4 of AS2890.6-2009.
13. Demarcation will be provided in the accessible car space and adjacent shared zone in accordance with Clause 3.1 and 3.2 of AS2890.6. Refer to Annexure B1 for a diagrammatic explanation.
14. Bollards will be provided in the shared disabled car space area in accordance with Clause 2.2.1(e) of AS2890.6-2009. Refer to Annexure B1 for a diagrammatic explanation.
15. Switches and power points will comply with Clause 14 of AS1428.1-2009.
16. Floor and ground floor surfaces on accessible paths and circulation spaces including the external areas will comply with Clause 7 of AS1428.1-2009. Any level difference over 3mm must be ramped according AS1428.1 Clause 10.5.
17. Braille and tactile signage will comply with BCA2019 Clause D3.6.
18. Signage will to comply with Clause 8 of AS1428.1-2009.
19. The passenger lifts will comply with BCA2019 Table E3.6b and AS1735.12.

20. The unobstructed height of a continuous accessible path of travel will be a minimum of 2000mm and 1980mm at doorways.
21. Door handles and the like, will be in accordance with Clause 13.5 of AS1428.1-2009.