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# DDA Compliance Statement

Before Compliance



## **DDA Compliance Statement – Performance Solutions Stage 2 DA Submission – Concept Amended III**

**Project:** Sydney Football Stadium Redevelopment (SFSR) Stage 2  
**Location:** Moore Park, Sydney, NSW.

**Client:** Lendlease  
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**JOB No:** 00058-19

## PROJECT SCOPE

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- **NCC/BCA 2019 – Compliance/Performance Solutions/D3.4 Dispensation**

- **Project Description**

The Sydney Football Stadium (SFS) NSW, project is a new 40,000-45,000 seat rectangular stadium development on the site of the existing Allianz Stadium. The vision for the new Stadium is to develop the SCGT Precinct into an exceptional sporting, entertainment and cultural precinct, that is recognised and attracts events on a local, regional and international scale.

The development will provide a new sporting facility and new and enhanced public spaces for recreation, gathering and entertainment and connect into pathways, and Moore Park's existing areas and adjacent facilities. Designs will promote universal accessibility, safety and security such that the Stadium is welcoming, inclusive and safe for all Stadium Users, including Persons

Requiring Universal Access (PRUA);

- Seating Bowl to provide a minimum of 30,000-32,000 Patrons with a provision of 1890 patrons capacity area for convertible seating [D4.4.3] for standing located in North stand.

### **Scope of works for Stage 2**

- Stadium Works
- Off-Site Works

An initial review by Before Compliance indicates, but is not limited to, the following comments:

C4.2 Universal Access Design Features:

Before Compliance (B4C) can ensure the SFSR Design Brief Item C4.2 Universal Access Design Features are designed to be equivalent and better than the principles provided within the C4.2 items which referenced areas:

- General Design Features
- Stadium Domain features
- Stadium Design features

### **D4.4.2 Seating for PRUA**

- Minimum viewing quality C-Value as calculated within the Green Guide is applied to all seating positions.
- Lower Bowl – C75, Mid-Tier & suite Tier – C120 and Upper tier – C60.
- B4C can ensure the requirements for EAS (Enhanced Amenity Seating and wheelchair seating will be distributed across the all stadium levels, and ticketing types – GA and membership and corporate, and include on field concert mode and ticket pricing.
- B4C will ensure wheelchair seating and companion seating configurations comply with the applicable NNC/BCA Performance Requirements and the associated D3.9 Wheelchair seating spaces in Class 9b assembly buildings clause of the Disability Access to Premises Standards 2010 (DAPS) – confirmation of compliance for the required number of wheelchair and companion seats will occur in later design phases.
  - D4.4.2 (d)-(ii) Numbers Must exceed the minimum NCC requirements.

- D4.4.2 (d)-(iii) wheelchair positions must allow for large motorised wheelchairs, to manoeuvre without affecting the comfort and safety of other Patrons, including PRUA using a wheelchair.
- D4.4.2 (d)-(e) Wheelchair positions may have replacement seats inserted when not booked.
- D4.4.2 (d)-(f) 0.25% of all seating positions across all price points, are to provide EAS positions at the end of aisles for ambulant accessible, assistance animals and people with a requirement for greater legroom. Armrests to be removable (B4C- recommends could also swing out of the way).

#### Accessible WCs:

- Universal Access toilets. These should be located close to Wheelchair Positions and should be provided in pairs (one left and one right) to reduce queueing and meet the individual needs of PRUA;
- A Changing Places facility type 2 facility to be located on Public Concourse level with access from the façade of building on non-event days and from concourse on event days, noting that to achieve compliance with Changing Places design specifications a single entry door to the compartment is required from a corridor that connects the internal and external access locations.

## **CORRESPONDENCE SCOPE**

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This accessibility and DDA compliance report is specific to Stage 2 DA Submission Design Stage.  
A full listing of drawings and documentation pertinent to this report are attached in Appendix 1.

## **DDA COMPLIANCE STATEMENT**

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Before Compliance (B4C) can ensure the Stage 2 DA Submission plans combined with the DDA Performance solution can provide compliance according to the spirit and intent of the Disability Discrimination Act (DDA).

This access review considers user groups, including members of the public, visitors, and staff. The review seeks to deliver equality, independence and functionality to people with disabilities, inclusive of:

1. People with sensory impairment;
2. People with mobility impairments; and
3. People with dexterity impairments.

The following regulatory instruments and standards have been used in the review:

AS1428.1(2009) – Design for Access and Mobility;

AS1735.12(1999) – Passenger Lift Access for People with a Disability;

Building Code of Australia 2019 ('BCA 2019');

Disability (Access to Premises – Buildings) Standards 2010; and

Disability Standards for Accessible Public Transport 2002 ('DSAPT'), where applicable.

The review seeks to ensure that the development will meet the object of the DDA to eliminate, as far as possible, discrimination against persons on the ground of disability. Upon review of the supplied documentation, the design of the stadium will be capable of compliance with the applicable requirements of the DDA Premises Standards 2010 and of the Building Code of Australia. The design of the stadium will be continuously refined during the design development phase to ensure that the various elements will meet all of the applicable Performance Requirements of the above codes.

**NCC Part D3 Provisions:**

The proposed Stage 2 DA Submission stage indicates it can comply to the key 2010 Disability (Access to Premises – Buildings) Standards and BCA 2019 Deemed-to-Satisfy Provisions (DTS) or has Performance Solutions to provide acceptable functional designs in the following areas.

<b>DAPS/NCC DTS Clause No.</b>	<b>Clause Title</b>	<b>Will Comply with DTS Requirements</b>
D3.1	General Building Access Requirements	To be confirmed in later design phases.
D3.2	Access to Buildings	To be confirmed in later design phases.
D3.3	Parts of a Building required to be accessible	To be confirmed in later design phases.
D3.5	Accessible Car Parking	To be confirmed in later design phases.
D3.6	Signage	To be confirmed in later design phases.
D3.7	Hearing Augmentation	To be confirmed in later design phases.
D3.8	TGSI**B4C will confirm the placement and configuration of TGSIs and indicate if there is going to be a luminous contrast, but does not confirm its % of luminous contrast. Building surveyor/installer/supplier to confirm	To be confirmed in later design phases.
D3.9	Wheelchair Seating Spaces	To be confirmed in later design phases.
D3.10	Swimming Pools	To be confirmed in later design phases.
D3.11	Ramps	To be confirmed in later design phases.
D3.12	Glazing on Access ways	To be confirmed in later design phases.
E3.6	Passenger lifts	To be confirmed in later design phases.
F2.4	Sanitary Facilities	To be confirmed in later design phases.

DDA compliance is not limited to the above BCA requirements; Compliance to the spirit and intent of the Disability Discrimination Act requires equal, independent and dignified access to goods and services and places of employment, therefore the following elements are required to be provided with universal design principles and compliance to the AS1428 series.

- |                                      |   |
|--------------------------------------|---|
| • Common area furniture and fixtures | To be confirmed in later design phases. |
| • Emergency Evacuation               | To be confirmed in later design phases. |
| • Tenancy fitout                     | N/A                                     |

## DAPS 2010 BCA D3.4 EXEMPTIONS

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This assessment is carried out in accordance with the Disability Discrimination Act (DDA) and where applicable Clauses A.03, A0.4, A0.5, A0.7 and D3 Performance Requirements DP 1 to DP9 and Clause D3.4 Exemptions of the NCC.

**D3.4 exemptions** may be applied to the following areas due possibly to doorway, corridor, and passageway circulation spaces and head height clearances, which may depart from AS1428.1 2009 Clauses 6 Continuous accessible paths of travel, Clause 6.5 Circulation space for wheelchair turn and Clause 13.3 Circulation spaces at doorways on a continuous accessible path of travel.

**D3.4 exemptions** may be applied:

Location:	Details of reason D3.4 exemption is applied
All Plant and services rooms / enclosures	Deemed an area where access would be inappropriate because of the particular purpose for which the area is used and is an area that would pose a health or safety risk for people with a disability.
Storage rooms	Deemed an area where access would be inappropriate because of the particular purpose for which the area is used and is an area that would pose a health or safety risk for people with a disability.
Commercial Kitchens / catering facilities	Deemed an area where access would be inappropriate because of the particular purpose for which the area is used and is an area that would pose a health or safety risk for people with a disability.
Cleaning and waste facilities	Deemed an area where access would be inappropriate because of the particular purpose for which the area is used and is an area that would pose a health or safety risk for people with a disability.



National Construction Code Series 2019 Volume 1: Building Code of Australia 2019 Class 2 – 9 Buildings

Performance Requirement
<p><b>DP1</b> Access must be provided, to the degree necessary, to enable-</p> <ul style="list-style-type: none"> <li>(a) People to- <ul style="list-style-type: none"> <li>i. Approach the building from the road boundary and from any accessible carparking spaces associated with the building; and</li> <li>ii. Approach the building from any accessible associated building; and</li> <li>iii. Access work and public spaces, accommodation and facilities for personal hygiene; and</li> </ul> </li> <li>(b) Identification of accessways at appropriate locations which are easy to find.</li> </ul> <p><i>Limitation: DP1 Does not apply to a Class 4 part of a building</i></p>
<p><b>DP2</b> So that people can move safely to and within a building, it must have-</p> <ul style="list-style-type: none"> <li>(a) Walking surfaces with safe gradients and</li> <li>(b) Any doors installed to avoid the risk of occupants- <ul style="list-style-type: none"> <li>i. Having their egress impeded; or</li> <li>ii. being trapped in the building; and</li> </ul> </li> <li>(c) Any stairways and ramps with- <ul style="list-style-type: none"> <li>i. Slip resistant walking surface on- <ul style="list-style-type: none"> <li>A. Ramps</li> <li>B. Stairway treads or near the edge of the nosing; and</li> </ul> </li> <li>ii. Suitable handrails where necessary to assist and provide stability to people using the stairway or ramp; and</li> <li>iii. Suitable landings to avoid undue fatigue; and</li> <li>iv. Landings where a door opens from or onto the stairway or ramp so that the door does not create an obstruction; and</li> <li>v. In the case of a stairway, suitable safe passage in relation to the nature, volume and frequency of likely usage.</li> </ul> </li> </ul>
<p><b>DP4</b> Exits must be provided from a building to allow occupants to evacuate safely with their number, location and dimensions being appropriate to-</p> <ul style="list-style-type: none"> <li>(a) The travel distance; and</li> <li>(b) The number, mobility and other characteristics of occupants; and</li> <li>(c) The function or use of the building; and</li> <li>(d) The height of the building; and</li> <li>(e) Whether the exit is from above or below ground level</li> </ul>
<p><b>DP6</b> So that occupants can safely evacuate the building, paths of travel to exists must have dimensions appropriate to-</p> <ul style="list-style-type: none"> <li>(a) The number, mobility and other characteristics of occupants; and</li> <li>(b) The function or use of the building.</li> </ul>
<p><b>DP8</b> Carparking spaces for use by people with a disability must be-</p> <ul style="list-style-type: none"> <li>(a) Provided, to the degree necessary, to give equitable access for car parking; and</li> <li>(b) Designated and easy to find.</li> </ul> <p><i>Limitation: DP8 does not apply where (a) a parking service is provided and (b) direct access to any carparking spaces by the general public or occupants is not available.</i></p>

**DP9** An inbuilt communication system for entry, information, entertainment, or for the provision of a service, must be suitable for occupants who are deaf or hearing impaired.

*Limitation: DP9 does not apply to (a) a Class 4 part of a building or (b) an inbuilt communication system used only for emergency warning purposes.*

#### **EP3.4**

##### **3.6 Passenger lifts**

In an *accessible* building, every passenger lift must:

- (a) be one of the lift types identified in Table E3.6 (a), subject to the limitations on use specified in the table; and
- (b) have *accessible* features in accordance with Table E3.6 (b); and
- (c) not rely on a constant pressure device for its operation if the lift car is fully enclosed

##### **FP2.1 Sanitary and other facilities**

Suitable sanitary facilities for personal hygiene must be provided in a convenient location within or associated with a building, to the degree necessary, appropriate to:

- (a) the function or use of the building; and
- (b) the number and gender of the occupants; and
- (c) the disability or other particular needs of the occupants.

**SUPPORTING EVIDENCE – to be confirmed in later design phases.**

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- **D3.1 General building access requirements**
  - General building access is expected to comply with provision of compliant accessible paths of travel, circulation spaces, doorway circulation, provision of compliant passenger lifts, stair, ramps and escalators – this will be confirmed in later design phases – this will ensure that access is compliant to all areas of the building except those exempted under NCC Clause D3.4.

• **D3.2 Access to Buildings**

- Any access paths from the allotment boundary to the new building in addition to any access paths to other buildings on the allotment and access paths from accessible carpark and any other public facilities are to be confirmed in later design to comply with AS1428.1-2009.
- Ensure clear signage to direct to accessible car parking spaces, taxi drop-off, visitor drop-off and bus locations. Provide additional directional signage to direct to ticketing, entrance gates and stands.
- A compliant access path will be provided from the drop off area to the pedestrian access points this will include compliant gradients, TGSi at intersections of vehicular access paths, kerb ramps where required to AS1428.1-2009 requirements, compliant minimum clear widths (we suggest minimum 1800mm), ground surfaces with compliant tolerances between abutting surfaces, compliant slip ratings for any ramps and compliant drainage grate covers.
- Ticketing booths to provide 900mm FFL universal height or provide a maximum 870mm lower section with a 850mm minimum width for accommodation of a person with a wheelchair approach.
- Ticketing and exit gates to provide a minimum 900mm- 1000mm width pathway through.
- Landscaping drawings will show compliant paths of travel – these will be required to be provided for review in later design phases.
- Landscaping gradient plans submitted provide a level of detail to ensure that with minor adjustments compliance to AS1428.1-2009 will be achieved. We do note the following however:
  - Ground Quad C – 1:35 gradient occurring up to and through turnstiles is to be altered to be maximum 1:40 gradient for minimum 1450mm each side of turnstiles.
  - Ground Quad C and D 1:14 grade ramps - have been adjusted to have less than 3.6m overall rise and later design phase documentation will show dimensions for ramps and landings in accordance with AS1428.1-2009 Clause 10 i.e. to provide landings (min 1200mm long) at maximum 9m intervals.
  - Gates over ramps will be confirmed in later design phase to occur in landings or 1:20 grade walkway sections so that no interference with ramp handrails occurs or gates are to be removable so that on game days / when the ramps are used for pedestrians they do not create non-compliances for handrails.
  - Ground Quad D 1:20 grade walkways are to be confirmed to have minimum 1200mm long landings at max 15m intervals.

- **D3.3 Parts of a Building to be accessible**
  - Basement Level:- To be confirmed in DD Phase
    - Administrative facilities, circulation areas, commercial facilities, engineering services (offices), event day facilities, facility management areas, media facilities, premium areas and team facilities (all areas that do not have a D3.4 exemption) are to provide accessible circulations, doorways.
    - Circulation zones at south end have ramps – these require compliance with AS1428.1-2009 unless they only access D3.4 exempt areas – to be confirmed in later design.
    - Field access at southeast corner is noted to have a 1:7 gradient, this is not compliant for general access paths, assuming this can be limited to players / maintenance staff only the gradient is to be maximum 1:8 otherwise if required for spectator access the ramp is to be maximum 1:14 gradient and provided with TGSi, kerbrails / walls bounding sides and handrails complying with AS1428.1-2009.
    - Bike parking to be accessible with compliant circulation spaces.
    - Internal parking to comply for accessible spaces.
    - First aid rooms, all office areas including maintenance and security and any F& B offices, green room, security sign in, venue services, security office breakroom, indoor wickets, photographers workroom, press conference room, OB rooms, media lounge, tunnel club, locker rooms, players wet areas, physio / massage, medial rooms, coaches offices, warm up room, players lobby, coaches briefing, recovery, entertainment change, mascot changeroom, tunnels, independent medical room, doping control, officials lockers, team circulation are all required to be accessible – circulation spaces and other compliance requirements will be confirmed in later design.
  - Ground level (concourse level):- To be confirmed in DD Phase
    - Concourses, event break room, patron services offices, first aid, any merchandise store with patron access, tick boxes, changing places, parenting rooms, prayer rooms, food outlets with patron access or otherwise upto counter, bars, club lounge , members reception, are all required to be accessible – circulation spaces and other compliance requirements will be confirmed in later design.
    - Prayer room to provide accessible circulations and foot washing facilities.
    - Changing Places facility to be marketed with clear directional signage.
    - Merch stalls if require change rooms to provide a minimum one with a 1540mm X 2070mm turning space.
    - Parents Room to ensure compliant reach range for changing top and electrical controls to equipment and their service level. Also ensure accessible door clearances and circulation space.
  - Level 01 (Concourse Mezzanine):- To be confirmed in DD Phase
    - Administrative facilities including admin entry, SCGT management office, CEO office, executive office, boardroom, meeting rooms, admin breakout, admin staff room, utility room, locker and, concourse are all required to be accessible – circulation spaces and other compliance requirements will be confirmed in later design.

- **D3.3      Parts of a Building to be accessible**

- Level 02 (club) :- To be confirmed in DD Phase
  - Concourse, first aid, food and bar outlets, club lounge, members reserve, parenting, terraces, premium lounge, premium cloak, club lounge cloak, corporate boxes, are all required to be accessible – circulation spaces and other compliance requirements will be confirmed in later design.
- Level 03 (Suite):- To be confirmed in DD Phase
  - Concourse, in house video production, display system control, PA system control, first aid, pantry (if accessed by patrons), outlet bar, TV commentary box, studio box, Radio boxes, written press, media lounge, make-up studio, press video booth, suites, super suite, diamond club, super suite reception and cloak, bowl suite, bowl super suite, coaches boxes, officials box, are all required to be accessible – circulation spaces and other compliance requirements will be confirmed in later design.
- Level 4:
  - Concourse, first aid, food and bar outlets, outdoor terrace - are all required to be accessible – circulation spaces and other compliance requirements will be confirmed in later design.
- General compliance requirements are provided within appendix 2 – please refer to this during later design phases.

- **D3.5      Accessible Car Parking**

- For Class 9b assembly building use accessible carparks are required to be provided at the following ratio':
  - Upto 1000 carparking spaces - 1 accessible carpark per 50 spaces.
  - After 1000 space the requirement reduces to 1 additional accessible space for every 100 spaces over 1000 spaces, i.e. for 1500 carparks 25 accessible spaces would be required.
- The designers will provide the total number of carparking spaces so we can advise how many accessible carparks are required.
- Design compliance for accessible carparks and shared space will be confirmed in later design phases.

- **D3.6 Signage**
  - Wayfinding signage packages will form part of later design stage documentation, this is required to provide the following information:
    - Ensure clear signage to direct to accessible car parking spaces, taxi drop-off, visitor drop-off and bus locations. Provide additional directional signage to direct to ticketing, entrance gates and stands.
    - All Stairs to have wayfinding signage to direct to accessible alternative pathway
    - Ensure signage is perpendicular to the path of travel, of suitable colour contrast and of compliant notation, inclusive of use of the international symbol of access.
    - Signage and announcements to be audible and visual.
    - Signage to be raised, contrasting, text, symbols and braille and include the international symbol of wheelchair access and an arrow.
    - Door identification sign height to be between 1200mm – 1600mm. Tactile/Braille components to be located between 1250-1350mm with Braille characters are located 8mm below the bottom line of text.
    - Where a bank of sanitary facilities do not provide an accessible facility directional signage inclusive of the international symbol of access must be provided to the nearest accessible facility.
    - Signage must be provided at accessible unisex toilet facilities.
    - Signage to accessible sanitary facilities requires identification with the international symbol of access, raised tactile and Braille signage and letters RH or LH to indicate side of transfer to the WC pan.
    - Entry doors to airlocks containing accessible facilities require identification with the international symbol for access.
    - Ambulant WCs Sanitary compartment for people with ambulant disabilities shall be identified by symbol or words, as specified in AS1428.1 2009 Clause 8.
  - General signage requirements are provided in appendix 2 for reference.

- **D3.7 Hearing Augmentation**

Hearing Augmentation may need to be considered if inbuilt amplification is provided to event and function areas, suites, press conference areas, ticketing booths and reception if shielded.

- Key Hearing augmentation recommendations
  - Two main types of hearing augmentation are Hearing loops and FM systems. Hearing loops enhance the reception of people wearing a hearing aid with a T switch whereas a FM system requires a person with a hearing impairment to use head phones.
  - The locations of permanent hearing augmentation systems include cinemas and auditoriums.
  - The locations of portable hearing augmentation systems include meeting and teleconference rooms.
- Key Hearing augmentation location requirements:
  - Hearing Augmentation systems must be provided where inbuilt amplification is provided in Class 9b (assembly) building auditoriums, conference rooms, meeting rooms or regular rooms.
  - Hearing Augmentation systems must be provided where inbuilt amplification is provided to ticket offices, tellers booths, reception areas or the like where the public is screened from the service provider.
- Key Hearing augmentation coverage requirements:
  - If the system is 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.
  - If the system requires the use of receivers it must be available to not less than 95% of the floor area or space served by the inbuilt amplification system and the number of receivers provided is to be:
    - Up to 500 person room: 1 receiver per 25 people with minimum 2 receivers.
    - 501-1000 person room: 20 receivers plus 1 receiver per 33 persons in excess of 500.
    - 1001-2000 person room: 35 receivers plus 1 per 50 persons in excess of 2000.
    - 20001+ person room: 55 receivers plus 1 per every 100 persons in excess of 2000.
- The number of persons accommodated in the room served by an inbuilt amplification system must be calculated according to D1.13 of the BCA.
- Signage for Hearing Augmentation:
  - In a room containing a hearing augmentation system signage inclusive of the international symbol for deafness must be provided identifying type of augmentation, area covered and if relevant location of receivers.
- Supplier:
  - Word of Mouth Technology; 2 Floriston Road, Boronia VIC 3155; Ph: 03 9761 2211; [www.wom.com.au](http://www.wom.com.au)



- **D3.8 TGSi**

- ***\*\*B4C will confirm the placement and configuration of TGSIs and indicate if there is going to be a luminous contrast, but does not confirm its % of luminous contrast. Building surveyor/installer/supplier to confirm.***
- Provision of TGSi is required at overhead hazards located below 2000mm above FFL.
  - TGSi to be minimum 300mm deep and set back 300mm from the hazard.
  - TGSi are required to be of 30% luminance contrast to the adjacent surface if integrated and 45% luminance if discrete, and where 2 tone / colours are required to achieve minimum 60% luminance contrast.
- Provision of TGSi is required at intersection of pedestrian accessways and vehicular way adjacent to any pedestrian entrance where no kerb is provided.
  - TGSi to be minimum 300mm deep and set back 300mm from the hazard.
  - TGSi are required to be of 30% luminance contrast to the adjacent surface if integrated and 45% luminance if discrete, and where 2 tone / colours are required to achieve minimum 60% luminance contrast.
- Key Ramp TGSi specifications:
  - Provide tactile indicators at the top and bottom of ramps. TGSi not required at enclosed landings.
  - Tactiles a depth of 600-800mm shall be located 300mm back from the top and bottom ramp transitions and are required to be of 30% luminance contrast to the adjacent surface if integrated and 45% luminance if discrete, and where 2 tone / colours are required to achieve minimum 60% luminance contrast.
  - Where landings are greater than 3000mm TGSi shall have a depth of 600-800mm.
  - Where landings are less than 3000mm TGSi shall have a depth of 300-400mm.
- Key Stair TGSi specifications:
  - Provide tactile indicators at the top and bottom of stairs. TGSi not required at enclosed landings.
  - Tactiles a depth of 600-800mm shall be located 300mm back from the edge of the stair nosing of the first and last tread and are required to be of 30% luminance contrast to the adjacent surface if integrated and 45% luminance if discrete, and where 2 tone / colours are required to achieve minimum 60% luminance contrast.
  - Where landings are greater than 3000mm TGSi shall have a depth of 600-800mm.
  - Where landings are less than 3000mm TGSi shall have a depth of 300-400mm.

- **D3.9 Wheelchair Seating Spaces**

- For the estimated 40,000 to 45,000 seats wheelchair spaces are required at a ratio of 108 wheelchair seats for the first 10,000 seats and then calculated as 1 additional wheelchair seat for each additional 200 seats, therefore wheelchair seating requirements will range between 258 to 283 spaces (minimum to comply with NCC).

More than 10 000	108 spaces; plus 1 additional space for each additional 200 seats or part thereof in excess of 10 000 seats	Not less than 5 single spaces; and not less than 5 groups of 2 spaces; and not more than 10 spaces in any other group; and the location of spaces is to be representative of the range of seating provided.
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- Wheelchair seating recommendations:
  - Allocate wheelchair seating so that each space is adjacent to companion seating.
  - Ensure clearance space for a single wheelchair is 800mm wide.
  - Ensure total clearance space for two wheelchairs is 1700mm wide.
- Seating in front of auditorium seating bays:
  - Position backrest of companion seating 350mm from rear wall to allow companions to be seating in alignment with wheelchair seat.
  - Ensure 2450mm space is provided from back of area where wheelchair is positioned to any forward barrier or obstruction.
- Seating in back of auditorium seating bays:
  - Position backrest of companion seating 950mm from edge of front seating row to allow companions to be seated in alignment with wheelchair seat.
  - Ensure 1250mm length space (minimum) is provided to accommodate a wheelchair.
  - Provide 1500mm circulation space behind fixed seating (1200mm circulation space behind each adjacent wheelchair bay by given additional length of wheelchair)

<ul style="list-style-type: none"> <li>• <b>D3.10      Swimming Pools</b> <ul style="list-style-type: none"> <li>○ N/A – at this stage.</li> <li>○ Any proposed Hydrotherapy and pool to consider accessible entry point/system for injured players</li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li>• <b>D3.11      Ramps</b> <ul style="list-style-type: none"> <li>○ To comply with NCC Clause D3.11 ensure that landings for step ramps do not overlap landings for another step ramp or other ramp (i.e. ramp landings must be provided for each ramp and not overlap wherever consecutive ramps occur). Compliance is expected to be achieved. Noting that for ramp systems with maximum 3.6m level change where handrails are continuous a 1200mm long landing is compliant between each ramp length.</li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li>• <b>D3.12      Glazing on Access ways</b> <ul style="list-style-type: none"> <li>○ Any glazing capable of being mistaken for a door or opening, and all glazed doors and sidelight panels shall be provided with a minimum 75mm indicator strip extending the full width of the glazing panels. The strip shall be mounted between 900 to 1075mm above FFL and achieve a minimum 30% luminance contrast to the floor within 2m of the glazing.</li> <li>○ Indicator strips are required to be solid, no cutouts are permitted and are required to be non-transparent.</li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li>• <b>E3.6      Passenger lifts</b> <ul style="list-style-type: none"> <li>○ Lift fitout specifications: <ul style="list-style-type: none"> <li>• Lift dimensions to be 1400mm x 1600mm minimum. Where stretcher use indicated (in at least one lift for lifts travelling &gt;12m) provision of 2000mm length is required.</li> <li>• Lift doorway clearance to be 900mm</li> <li>• Fitout out of lifts to include: <ul style="list-style-type: none"> <li>• Handrail 600mm (min) length; at height between 850-950mm.</li> <li>• Tactile and Braille symbols on control buttons and panels.</li> <li>• Automatic auditory information detailing lift stops.</li> </ul> </li> <li>• Ensure 1500mm X 1500mm clearance space in front of external lift controls. Controls to be installed at height between 700-1250mm. At lift landings controls to be located 500mm clear of any obstruction with 1450mm circulation space in front of controls. This is inclusive of side walls.</li> </ul> </li> <li>○ Due to large crowds and increased functionality and efficiency, consider to re-orientate the lifts to have a 1600mm depth with greater than 2000mm width to enable multiple people to enter and exit simultaneously.</li> </ul> </li> </ul>

- **F2.4 Sanitary Facilities**

- Later design documentation will be confirmed to achieve compliance.
- To meet compliance with NCC Clause F2.4 minimum 50% of banks of sanitary facilities required a unisex accessible sanitary facility and ambulant cubicles. We would recommend that all public area facilities provide a unisex accessible sanitary facility and ambulant cubicles due to populations and to improve disability access. Service levels are to provide a unisex accessible sanitary facility at each bank for different user groups the only exemption being catering and maintenance staff facilities if dedicated facilities are provided where all of these staff can be confirmed to be required to be able bodied due to the tasks required of the position of employment.
- We suggest that players sanitary facilities may be able to receive an exemption however would suggest careful consideration to ensure access for users with varying levels of ability can be catered for, i.e. the sporting facilities may at times be used for events where participants have disabilities, not considering this would impose limitations for the use of the facility.
- Key accessible toilet location recommendations:
  - Accessible unisex sanitary facilities must be located so that they can be entered without crossing an area reserved for one sex only.
  - At each bank of toilets where there is one or more toilets in addition to an accessible unisex toilet a compartment suitable for a person with an ambulant disability must be provided.
  - Where two or more accessible unisex sanitary facilities are installed distribution shall enable even distribution of be mirror imaged layouts – 50% left hand and 50% right hand transfer types.
  - Where male and female toilets are in separate locations, a unisex accessible facility is only required at one location.
- Appendix 2 provided detailed compliance requirements for accessible and ambulant sanitary facilities that can be used in design development.

- **Common area furniture and fixtures**

- Refer to appendix 2 for details.

- **Emergency Evacuation**

- Refuge areas:- Consider within fire core stairs 1800mm width landing minimums to provide refuge areas of 800mm width X 1350mm length and maintaining a minimum 1000mm clearance to stairs.

- **Tenancy fitout**

- Refer to appendix 2 for details.

## **AUTHOR'S DETAILS AND CREDENTIALS**

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### ***Accredited Access Consultant and Associate Members for the Association of Consultants in Access Australia***

Before Compliance is qualified to provide expert opinions set out in this report on the basis of:-

Qualifications and members of the Association of Consultants in Access Australia

8 Years' Experience DDA and accessibility consulting on associated designs and built environments within Australia and Internationally.

#### **Bernie Clifford**

##### ***Director***



***Accredited Access Consultant and Accredited Member of Association of Consultants in Access Australia (ACAA),  
BSc. (Nursing, Biology); B.A. Hons (Media Arts);  
Grad.Cert (Arts & Entertainment Management)  
Cert IV Workplace Training & Access Consultant***

## **DDA/NCC/BCA PERFORMANCE SOLUTIONS/D3.4 EXEMPTIONS**

**PROVIDED BY:**

A handwritten signature in black ink, appearing to read 'Bernie Clifford'.

Bernie Clifford Before Compliance - Director

## APPENDIX 1

### CORRESPONDENCE SCOPE:

Specific Drawings and Documentation associated with this compliance sign off document are:

**i. Associated Documentation:**

Document	Rev	Title
A13.B1.00	A	FLOOR PLAN B1 BASEMENT LEVEL
A13.L0.01	B	FLOOR PLAN BASEMENT LEVEL
A13.L1.02	B	FLOOR PLAN LEVEL 1 (GA CONCOURSE)
A13.L1M.03	B	FLOOR PLAN LEVEL 1 (CONCOURSE MEZZANINE PLAN)
A13.L2.04	B	FLOOR PLAN LEVEL 2 (CLUB PLAN)
A13.L3.05	B	FLOOR PLAN LEVEL 3 (SUITE PLAN)
A13.L4.06	B	FLOOR PLAN LEVEL 4
A13.L5.06	B	GREEN ROOF PLAN
A13.RL.07	B	ROOF RCP
A13.RL.08	B	ROOF PLAN
A13.SCP.09	B	SCG PLAZA PLAN
A30.EW.01	B	EAST AND WEST ELEVATIONS
A30.NS.01	B	NORTH AND SOUTH ELEVATIONS
A40.00.01	C	GENERAL SECTIONS - GA

DRAWING REGISTER			
Sheet Number	Sheet Name	Sheet Type	Current Revision
A01.01	COVER SHEET	A01 COVER SHEETS	A
A01.02	NOTES & LEGENDS	A01 COVER SHEETS	A
A11.01	EXISTING PRECINCT SITE PLAN	A11 SITE	A
A11.02	LOCATION PLAN	A11 SITE	A
A11.03	EXISTING SITE SURVEY	A11 SITE	A
A11.04	DEMOLITION PLAN	A11 SITE	A
A11.05	SITE ACCESS PLAN	A11 SITE	A
A11.06	EXISTING SERVICES PLAN	A11 SITE	A
A11.07	SITE PLAN	A11 SITE	A
A11.08	GRID SETOUT PLAN	A03 SERIES	A
A11.09	SECTION AND ELEVATION KEY PLAN	A03 SERIES	A

A16.CL.01	SITE WORKS PLAN - GENERAL ARRANGEMENT	A16 SITE WORKS PLAN	A
A21.L0.01	GA FLOOR PLAN - BASEMENT LEVEL - ZONE A	A21 FLOOR PLANS 1:200	A
A21.L0.02	GA FLOOR PLAN - BASEMENT LEVEL - ZONE B	A21 FLOOR PLANS 1:200	A
A21.L0.03	GA FLOOR PLAN - BASEMENT LEVEL - ZONE C	A21 FLOOR PLANS 1:200	A
A21.L0.04	GA FLOOR PLAN - BASEMENT LEVEL - ZONE D	A21 FLOOR PLANS 1:200	A
A21.L0.05	GA FLOOR PLAN - BASEMENT LEVEL - ZONE E	A21 FLOOR PLANS 1:200	A
A21.L0.06	GA FLOOR PLAN - BASEMENT LEVEL - ZONE F	A21 FLOOR PLANS 1:200	A
A21.L1.01	GA FLOOR PLAN - CONCOURSE LEVEL - ZONE A	A21 FLOOR PLANS 1:200	A
A21.L1.02	GA FLOOR PLAN - CONCOURSE LEVEL - ZONE B	A21 FLOOR PLANS 1:200	A
A21.L1.03	GA FLOOR PLAN - CONCOURSE LEVEL - ZONE C	A21 FLOOR PLANS 1:200	A
A21.L1.04	GA FLOOR PLAN - CONCOURSE LEVEL - ZONE D	A21 FLOOR PLANS 1:200	A
A21.L1.05	GA FLOOR PLAN L1 CONCOURSE LEVEL - ZONE E	A21 FLOOR PLANS 1:200	A
A21.L1.06	GA FLOOR PLAN L1 CONCOURSE LEVEL - ZONE F	A21 FLOOR PLANS 1:200	A
A21.L1M.01	FLOOR PLAN L1M (CONCOURSE MEZZANINE PLAN) - ZONE A	A21 FLOOR PLANS 1:200	A
A21.L1M.02	FLOOR PLAN L1M (CONCOURSE MEZZANINE PLAN) - ZONE B	A21 FLOOR PLANS 1:200	A
A21.L1M.03	FLOOR PLAN L1M (CONCOURSE MEZZANINE PLAN) - ZONE C	A21 FLOOR PLANS 1:200	A
A21.L1M.04	FLOOR PLAN L1M (CONCOURSE MEZZANINE PLAN) - ZONE D	A21 FLOOR PLANS 1:200	A
A21.L1M.05	FLOOR PLAN L1M (CONCOURSE MEZZANINE PLAN) - ZONE E	A21 FLOOR PLANS 1:200	A
A21.L1M.06	FLOOR PLAN L1M (CONCOURSE MEZZANINE PLAN) - ZONE F	A21 FLOOR PLANS 1:200	A
A21.L2.01	FLOOR PLAN L2 (CLUB PLAN) - ZONE A	A21 FLOOR PLANS 1:200	A
A21.L2.02	FLOOR PLAN L2 (CLUB PLAN) - ZONE B	A21 FLOOR PLANS 1:200	A
A21.L2.03	FLOOR PLAN L2 (CLUB PLAN) - ZONE C	A21 FLOOR PLANS 1:200	A
A21.L2.04	FLOOR PLAN L2 (CLUB PLAN) - ZONE D	A21 FLOOR PLANS 1:200	A
A21.L3.01	FLOOR PLAN L3 (SUITE PLAN) - ZONE A	A21 FLOOR PLANS 1:200	A
A21.L3.02	FLOOR PLAN L3 (SUITE PLAN) - ZONE B	A21 FLOOR PLANS 1:200	A
A21.L3.03	FLOOR PLAN L3 (SUITE PLAN) - ZONE C	A21 FLOOR PLANS 1:200	A
A21.L3.04	FLOOR PLAN L3 (SUITE PLAN) - ZONE D	A21 FLOOR PLANS 1:200	A
A21.L4.01	FLOOR PLAN L4 (UPPER PLAN) - ZONE A	A21 FLOOR PLANS 1:200	A
A21.L4.02	FLOOR PLAN L4 (UPPER PLAN) - ZONE B	A21 FLOOR PLANS 1:200	A
A21.L4.03	FLOOR PLAN L4 (UPPER PLAN) - ZONE C	A21 FLOOR PLANS 1:200	A
A21.L4.04	FLOOR PLAN L4 (UPPER PLAN) - ZONE D	A21 FLOOR PLANS 1:200	A
A21.L5.01	FLOOR PLAN L5 (GREEN ROOF PLAN) - ZONE A	A21 FLOOR PLANS 1:200	A
A21.L5.02	FLOOR PLAN L5 (GREEN ROOF PLAN) - ZONE B	A21 FLOOR PLANS 1:200	A
A21.L5.03	FLOOR PLAN L5 (GREEN ROOF PLAN) - ZONE C	A21 FLOOR PLANS 1:200	A
A21.L5.04	FLOOR PLAN L5 (GREEN ROOF PLAN) - ZONE D	A21 FLOOR PLANS 1:200	A
A21.RL.01	ROOF PLAN - ZONE A	A21 FLOOR PLANS 1:200	A
A21.RL.02	ROOF PLAN - ZONE B	A21 FLOOR PLANS 1:200	A
A21.RL.03	ROOF PLAN - ZONE C	A21 FLOOR PLANS 1:200	A
A21.RL.04	ROOF PLAN - ZONE D	A21 FLOOR PLANS 1:200	A
A23.LB.01	LOWER BOWL SETOUT - ZONE A	A23 BOWL PLANS	A
A23.LB.02	LOWER BOWL SETOUT - ZONE B	A23 BOWL PLANS	A
A23.LB.03	LOWER BOWL SETOUT - ZONE C	A23 BOWL PLANS	A
A23.LB.04	LOWER BOWL SETOUT - ZONE D	A23 BOWL PLANS	A
A23.MT.01	MIDDLE TIER BOWL SETOUT - ZONE A	A23 BOWL PLANS	A
A23.MT.02	MIDDLE TIER BOWL SETOUT - ZONE B	A23 BOWL PLANS	A
A23.MT.03	MIDDLE TIER BOWL SETOUT - ZONE C	A23 BOWL PLANS	A
A23.MT.04	MIDDLE TIER BOWL SETOUT - ZONE D	A23 BOWL PLANS	A
A23.SB.01	SUITE BOWL SETOUT - ZONE A	A23 BOWL PLANS	A
A23.SB.02	SUITE BOWL SETOUT - ZONE B	A23 BOWL PLANS	A
A23.SB.03	SUITE BOWL SETOUT - ZONE C	A23 BOWL PLANS	A
A23.SB.04	SUITE BOWL SETOUT - ZONE D	A23 BOWL PLANS	A
A23.UB.01	UPPER BOWL SETOUT - ZONE A	A23 BOWL PLANS	A
A23.UB.02	UPPER BOWL SETOUT - ZONE B	A23 BOWL PLANS	A
A23.UB.03	UPPER BOWL SETOUT - ZONE C	A23 BOWL PLANS	A
A23.UB.04	UPPER BOWL SETOUT - ZONE D	A23 BOWL PLANS	A
A27.L0.01	BASEMENT LEVEL FLOOR AND WALL FINISHES PLAN - ZONE A	A27 FLOOR AND WALL FINISHES PLANS 1:200	A
A27.L0.02	BASEMENT LEVEL FLOOR AND WALL FINISHES PLAN - ZONE B	A27 FLOOR AND WALL FINISHES PLANS 1:200	A
A27.L0.03	BASEMENT LEVEL FLOOR AND WALL FINISHES PLAN - ZONE C	A27 FLOOR AND WALL FINISHES PLANS 1:200	A
A27.L0.04	BASEMENT LEVEL FLOOR AND WALL FINISHES PLAN - ZONE D	A27 FLOOR AND WALL FINISHES PLANS 1:200	A
A27.L0.05	BASEMENT LEVEL FLOOR AND WALL FINISHES PLAN - ZONE E	A27 FLOOR AND WALL FINISHES PLANS 1:200	A
A27.L0.06	BASEMENT LEVEL FLOOR AND WALL FINISHES PLAN - ZONE F	A27 FLOOR AND WALL FINISHES PLANS 1:200	A



A27.L1.01	LEVEL 1 FLOOR AND WALL FINISHES PLAN - ZONE A	A27 FLOOR AND WALL FINISHES PLANS 1:200	A
A27.L1.02	LEVEL 1 FLOOR AND WALL FINISHES PLAN - ZONE B	A27 FLOOR AND WALL FINISHES PLANS 1:200	A
A27.L1.03	LEVEL 1 FLOOR AND WALL FINISHES PLAN - ZONE C	A27 FLOOR AND WALL FINISHES PLANS 1:200	A
A27.L1.04	LEVEL 1 FLOOR AND WALL FINISHES PLAN - ZONE D	A27 FLOOR AND WALL FINISHES PLANS 1:200	A
A27.L1M.01	LEVEL 1 MEZZANINE FLOOR AND WALL FINISHES PLAN - ZONE A	A27 FLOOR AND WALL FINISHES PLANS 1:200	A
A27.L1M.02	LEVEL 1 MEZZANINE FLOOR AND WALL FINISHES PLAN - ZONE B	A27 FLOOR AND WALL FINISHES PLANS 1:200	A
A27.L1M.03	LEVEL 1 MEZZANINE FLOOR AND WALL FINISHES PLAN - ZONE C	A27 FLOOR AND WALL FINISHES PLANS 1:200	A
A27.L1M.04	LEVEL 1 MEZZANINE FLOOR AND WALL FINISHES PLAN - ZONE D	A27 FLOOR AND WALL FINISHES PLANS 1:200	A
A27.L2.01	LEVEL 2 FLOOR AND WALL FINISHES PLAN - ZONE A	A27 FLOOR AND WALL FINISHES PLANS 1:200	A
A27.L2.02	LEVEL 2 FLOOR AND WALL FINISHES PLAN - ZONE B	A27 FLOOR AND WALL FINISHES PLANS 1:200	A
A27.L2.03	LEVEL 2 FLOOR AND WALL FINISHES PLAN - ZONE C	A27 FLOOR AND WALL FINISHES PLANS 1:200	A
A27.L2.04	LEVEL 2 FLOOR AND WALL FINISHES PLAN - ZONE D	A27 FLOOR AND WALL FINISHES PLANS 1:200	A
A27.L3.01	LEVEL 3 FLOOR AND WALL FINISHES PLAN - ZONE A	A27 FLOOR AND WALL FINISHES PLANS 1:200	A
A27.L3.02	LEVEL 3 FLOOR AND WALL FINISHES PLAN - ZONE B	A27 FLOOR AND WALL FINISHES PLANS 1:200	A
A27.L3.03	LEVEL 3 FLOOR AND WALL FINISHES PLAN - ZONE C	A27 FLOOR AND WALL FINISHES PLANS 1:200	A
A27.L3.04	LEVEL 3 FLOOR AND WALL FINISHES PLAN - ZONE D	A27 FLOOR AND WALL FINISHES PLANS 1:200	A
A27.L4.01	LEVEL 4 FLOOR AND WALL FINISHES PLAN - ZONE A	A27 FLOOR AND WALL FINISHES PLANS 1:200	A
A27.L4.02	LEVEL 4 FLOOR AND WALL FINISHES PLAN - ZONE B	A27 FLOOR AND WALL FINISHES PLANS 1:200	A
A27.L4.03	LEVEL 4 FLOOR AND WALL FINISHES PLAN - ZONE C	A27 FLOOR AND WALL FINISHES PLANS 1:200	A
A27.L4.04	LEVEL 4 FLOOR AND WALL FINISHES PLAN - ZONE D	A27 FLOOR AND WALL FINISHES PLANS 1:200	A
A29.LB.01	LOWER BOWL SEATING PLAN	A29 SEATING PLAN 1:500	A
A29.MT.01	MIDDLE TIER BOWL SEATING PLAN	A29 SEATING PLAN 1:500	A
A29.SB.01	SUITE BOWL SEATING PLAN	A29 SEATING PLAN 1:500	A
A29.UB.01	UPPER BOWL SEATING PLAN	A29 SEATING PLAN 1:500	A
A30.EA.01	EAST ELEVATIONS - SHEET 1	A30 ELEVATIONS	A
A30.EA.02	EAST ELEVATIONS - SHEET 2	A30 ELEVATIONS	A
A30.EA.03	EAST ELEVATIONS - SHEET 3	A30 ELEVATIONS	A
A30.NO.01	NORTH ELEVATIONS - SHEET 1	A30 ELEVATIONS	A
A30.NO.02	NORTH ELEVATIONS - SHEET 2	A30 ELEVATIONS	A
A30.NO.03	NORTH ELEVATIONS - SHEET 3	A30 ELEVATIONS	A
A30.SO.01	SOUTH ELEVATIONS - SHEET 1	A30 ELEVATIONS	A
A30.SO.02	SOUTH ELEVATIONS - SHEET 2	A30 ELEVATIONS	A
A30.SO.03	SOUTH ELEVATIONS - SHEET 3	A30 ELEVATIONS	A
A30.WE.01	WEST ELEVATIONS - SHEET 1	A30 ELEVATIONS	A
A30.WE.02	WEST ELEVATIONS - SHEET 2	A30 ELEVATIONS	A
A30.WE.03	WEST ELEVATIONS - SHEET 3	A30 ELEVATIONS	A
A40.00.01	GENERAL SECTIONS - GA	A40 SECTIONS	A
A40.EA.01	EAST STAND SECTION	A40 SECTIONS	A
A40.NO.01	NORTH STAND SECTION	A40 SECTIONS	A
A40.SO.01	SOUTH STAND SECTION	A40 SECTIONS	A
A40.WE.01	WEST STAND SECTION	A40 SECTIONS	A
A62.00.01	ROOF DETAILS - 01	A62 ROOF DETAILS	A
A62.00.02	ROOF DETAILS - 02	A62 ROOF DETAILS	A
A62.00.03	ROOF DETAILS - 03	A62 ROOF DETAILS	A
A62.00.04	ROOF DETAILS - 04	A62 ROOF DETAILS	A
A92.SH.01	EXTERNAL FINISHES SCHEDULE	A92 SCHEDULE	A
A92.SH.02	WINDOWS SCHEDULE	A92 SCHEDULE	A
A92.SH.03	LOUVRE SCHEDULE	A92 SCHEDULE	A
A95.SH.01	FINISHES SCHEDULE	A95 SCHEDULE	A
A95.SH.02	FF&E SCHEDULE	A95 SCHEDULE	A
A96.SH.00	SCHEDULE OF ACCOMMODATION	A96 SCHEDULE	A
A97.RD.01	ROOM DATA LAYOUTS SHEET 1	A97 SCHEDULE	A