

Job No: IAC-067

14 June 2012

**DIRECTOR GENERAL  
DEPARTMENT OF INFRASTRUCTURE AND PLANNING  
GPO BOX 39  
SYDNEY NSW 2000**

Reference: NETBALL CENTRAL  
SYDNEY OLYMPIC PARK

Dear Sir/Madam

We have reviewed the plans provided to us and have prepared the attached access report to accompany the Project Application for the new Netball Central facility located at Sydney Olympic Park.

Generally the accessibility requirements of the current legislation and the Sydney Olympic Park Access Guidelines have been or will be satisfied by this design proposal. The detail development of the documentation moving forward to prepare the tender and construction will address and document the detail required for accessibility compliance.

Yours sincerely,



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Access Report  
To accompany the Development Application

For

## **NETBALL CENTRAL**

Sydney Olympic Park  
Homebush NSW



Prepared by  
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## Introduction

This access report has been prepared to accompany the Project Application for the new Netball Central Facility to be constructed along Olympic Boulevard near the State Sports Centre.

This report assesses the proposal developed by Scott Carver Architects against the relevant statutory Standards and Codes as well as the specific Sydney Olympic Park Access requirements.

The content of this report is structured to provide a ready reckoner with the Disability Access to Premise – Buildings Standard and provides direction and guidance for the project delivery team required for the detailing of the project in the future stages of the development process.

This new facility will become the home for the NSW Swifts.

## Scope of the Project

The proposed Netball Central building is located on the western side of Olympic Boulevard adjacent to the State Sports Centre. Netball Central is proposed to be located between the State Sports Centre and Olympic Boulevard with access from the street to both the State Sports Centre and the new Netball Central facilities via a new forecourt.

The design of the facility comprises:

- 5 playing courts and associated seating in a tiered arrangement to provide direct emergency access out to Olympic Boulevard
- A show court with seating for 800 spectators
- An internal street linking courts 1-5 and the show court
- A 4 level facilities building – “The Hub” comprising facilities for the NSW Swifts, change areas for participants and the general public, education and training areas, café, and administration facilities.
- The design of a new forecourt approach for Netball central and the existing State Sports Centre

Both stairs and a lift are provided for the vertical movement through the facility

There is no carparking associated with this new facility as existing on grade and multi-deck parking is available in the adjacent P3, P3a and P7 parking areas.

A loading dock area is proposed to service the requirements of the new Netball Central facility.

The requirements for accessibility have been incorporated into the planning of the development however the detail will be incorporated into the design documentation at a later stage in the project delivery process.

## Reference Drawings

The following drawings were referenced in the access review and the preparation of this access report.

A-SK44-45-A-Loading Swept Paths  
A-SK46-A-P7Car Parking  
AD-PA000-A-Cover Sheet  
AD-PA001-A-Location Plan  
AD-PA002-A-Existing Site Plan  
AD-PA003-B-Proposed Site Plan  
AD-PA101-E-GA Level 1  
AD-PA102-E-GA Level 2

AD-PA103-E-GA Level 3  
AD-PA104-E-GA Level 4  
AD-PA105-B-GA Roof  
AD-PA106-C –Carpark Plan  
AD-PA201-D-Elevations  
AD-PA202-D-Elevations  
AD-PA203-D-Elevations  
AD-PA204-D-Elevations  
AD-PA301-D-Sections  
AD-PA302-C-Sections  
AD-SK090-E-GA Level 1 Floor Plan  
AD-SK091-E-GA Level 2 Floor Plan  
AD-SK098-C-GA Level 3 Floor Plan  
AD-SK101-D-Hub Level 1 Floor Plan  
AD-SK125-C-Hub Level 2 Floor Plan  
AD-SK126-C-Hub Level 3 Floor Plan  
AD-SK127-C-Hub Level 4 Floor Plan  
AD-SK140-B-Site Plan  
LD-PA001-A-Landscape Plan

## Legislative framework

The basis of this access report is based on the following legislation, standards and codes:

- Disability (Access to Premises - Buildings) Standards 2010 (DDA 1992)
- National Construction Code (BCA 2011)
- AS1428.1:2009 Design for access and mobility - General requirements for access - New building work
- AS1428.2:1992 Design for access and mobility - Enhanced and additional requirements - Buildings and facilities
- AS1428.4.1:2009 Design for access and mobility - Means to assist the orientation of people with vision impairment - Tactile ground surface indicators
- AS1428.5:2010 Design for access and mobility - Communication for people who are deaf or hearing impaired
- AS2890.1:2004 Parking facilities - Off-street car parking
- AS2890.6:2009 Parking facilities - Off-street parking for people with disabilities
- AS1657:1992 Fixed platforms, walkways, stairways and ladders - Design, construction and installation Scope of Access Service
- AS4586:2004 Slip resistance classification of new pedestrian surface materials

## Guidelines

Sydney Olympic Park Access Guidelines Third Edition May 2011

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

On 1<sup>st</sup> May 2011 the Disability (Access to Premises – Building) Standards 2010 were incorporated into the Disability Discrimination Act 1992 and the Building Code of Australia 2011. The application of these standards applies to a new part or any affected part of a building where building works are proposed.

The notes following provide our assessment of the plans provided (Option C 14 November 2011) and indicate issues or modifications to the design which will be required to be undertaken to

achieve compliance. The recommendations will need to be discussed and investigations undertaken as to how these accessibility issues can be incorporated into the documentation.

### **SOPA Access Committee Review**

A review by the Sydney Olympic Park access committee of the proposed development was held on 8 May 2012.

As a result of that review the following access requirements will be addressed as part of the project delivery process:

- Removal/reduction in the extent of diminishing steps in the open forecourt. The plans forming part of this submission indicate the complete removal of diminishing steps in the forecourt
- The selection of materials for the forecourt
- The detailing of handrails associated with the stairs in the forecourt
- The detailing of the external Olympic Boulevard colonnade to allow persons with low vision to “shore line”. It was considered that the external columns forming the “Public Colonnade” along the Olympic Boulevard frontage may pose a hazard for persons with low vision
- The detailing of the 1:20 walkways of the internal street and the inclusion of seating areas along the main walkway
- The detailing of the wheelchair seating proposed for the show court
- The detailing of the wheelchair seating proposed for the upper level of the show court to ensure comparable sight lines (SOPA request)
- The provision of a number of enhanced amenity seats in the show court (SOPA request).

### **Summary**

The development as proposed will address the accessibility requirements of the current legislation and the Sydney Olympic Park Access Guidelines. The development of the documentation for tender and construction will address the detail required for accessibility compliance.

The assessment following addresses each criteria of the Disability (Access to Premises – Building) Standard 2010 together with the Sydney Olympic Park Guidelines. There is off course overlap between these documents.

## Assessment

The table following indicates compliance with the Disability (Access to Premises – Building) Standard 2010 as well as to the Sydney Olympic Park Access Guidelines May 201.

| No | ACCESS TO PREMISES REQUIREMENT  | SOPA REQUIREMENT | HOW SATISFIED / COMMENTARY   |
|----|---|------------------|--|
|    | <p><b>DP1 Performance requirement</b></p> <p>Access must be provided, to the degree necessary, to enable:</p> <p>(a) people to:</p> <p>(i) approach the building from the road boundary and from any accessible carparking spaces associated with the building; and</p> |                  | <p>This performance criteria addresses how persons with accessible needs approach and access the proposed facility. The Sydney Olympic Park is accessed by car, rail and bus.</p> <p>A Sydney Buses bus stop is located immediately adjacent to the entrance of the proposed new development on the western side of Olympic Boulevard however there is no bus stop in the vicinity on the eastern side of Olympic Boulevard.</p> <p>The train station is located 970m to the north of the site. The path of travel is not flat. It is not proposed to assess access from the train station to this facility as part of this review.</p> <p>No parking is provided as part of this development proposal.</p> <p>This proposal will reduce the extent of on-grade parking provided to the south of the existing Sports Centre (P7).</p> <p>As part of the parking arrangements for the site parking is available along Olympic Boulevard and in the P3 and P3a parking structure / location opposite the site.</p> |



| No | ACCESS TO PREMISES REQUIREMENT  | SOPA REQUIREMENT   | HOW SATISFIED / COMMENTARY   |
|----|---|--|--|
|    |   | <p><b>2.8 Paving and Floor Finishes</b></p> <p>All paving shall comply with AS 1428.1.</p> <p>Where it is technically not possible to achieve a non-bevelled edge, a bevel of up to 3 mm width and 3 mm depth is permissible.</p> <p>The type of paver, location and gradient shall be chosen to minimise the chance of moss growth or other circumstances that may cause the pavers to become slippery.</p> <p>Where non-complying pavers are required because of other factors, such as the presence of trees, they can be used, provided a suitable path of travel in complying pavers is provided through the area involved.</p> <p>The design of drainage or tree grates is to meet the requirements of AS1428.1 and have openings not more than 13 mm wide, with the elongated sections transverse to the main dominant direction of travel.</p> <p>Highly polished, glazed or glossy surfaces shall be avoided where these will cause reflection and slippage problems.</p> | <p>The forecourts have been designed in conjunction with the Sydney Olympic Park Urban Elements Design Manual (UEDM) and the Sydney Olympic Park Masterplan 2030. The UEDM has been the source in which all hardscape materials have been selected however, some non UEDM materials have been proposed within the forecourt to compliment the materials of the Netball Central building and to also help create a 'special place and venue entry'.</p> |
|    | (ii) approach the building from any accessible associated building; and |  | <p>The main entrance to the new Netball Central is located off the forecourt located between the existing State Sports Centre and the new Netball Central Building.</p>  |



| No | ACCESS TO PREMISES REQUIREMENT  | SOPA REQUIREMENT | HOW SATISFIED / COMMENTARY   |
|----|---|------------------|--|
|    | (iii) access work and public spaces, accommodation and facilities for personal hygiene; and   |                  | It is proposed once people (public and participants) enter the building that all parts of the facility will be accessible for all.   |
|    | (b) Identification of accessways at appropriate locations which are easy to find.   |                  | Appropriate signage will be installed to assist with wayfinding and navigating through the facility.   |
|    | <b>DP4 Performance requirement</b><br><i>Exits</i> must be provided from a building to allow occupants to evacuate safely, with their number, location and dimensions being appropriate to: <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 <i>exit</i> is from above or below ground level.</li> </ul> |                  | <p>Fire egress has been provided in accordance with the requirements of the BCA.</p> <p>Horizontal accessible egress is provided from each of the 5 playing courts, the show court and the internal street.</p> <p>A fire stair is located on the western side of the Hub servicing all levels of the Hub.</p> <p>A refuge area is proposed at the upper level and “evac-chairs” are proposed to be located at stair egress points</p> |

| No | ACCESS TO PREMISES REQUIREMENT  | SOPA REQUIREMENT  | HOW SATISFIED / COMMENTARY   |
|----|---|---|--|
|    | <p><b>DP6 Performance requirement</b></p> <p>So that occupants can safely evacuate the building, <i>accessways</i> to <i>exits</i> must have dimensions appropriate to:</p> <p>(a) the number, mobility and other characteristics of occupants; and</p> <p>(b) the function or use of the building.</p> | <p><b>2.6 Emergency Provisions</b></p> <p>Either accessible emergency egress or a fire evacuation refuge area shall be provided. The recommended space in a fire isolated stairwell is 1300 mm x800 mm outside the egress route. Fire evacuation areas shall be fire rated areas either:</p> <ul style="list-style-type: none"> <li>• located within an exit, such as the entry landings of fire stairs</li> <li>• adjacent to a path of travel to an exit as a fire-isolated compartment</li> <li>• external to a building, or</li> <li>• open space on the roof of a building.</li> </ul> | <p>The provision of accessible egress has been incorporated into the design proposal.</p>  |
|    |   | <p>Management plans for emergency procedures shall include assistance for people with a disability. It is recommended that suitable emergency evacuation devices be provided to assist people to be carried in a stairwell.</p>   | <p>A Fire Egress Management Plan is yet to be developed and will be developed in conjunction with Netball NSW. The evacuation of persons with a disability will be addressed in the Plan</p> |
|    |   | <p>Often it is not possible for people who are deaf or hearing impaired to hear emergency alarms or announcements, especially where there is high background noise. A suitable visual system shall be provided in principal areas to allow people who are deaf or hearing impaired to respond to emergencies. This shall include the use of scoreboards or video screens where provided to be in accordance with AS 1428.5, Design for access and mobility - Communication for people who are deaf or hearing impaired.</p>   | <p>The facility will incorporate digital score boards. These boards are proposed to be wired into the emergency system and will be programmed to display emergency messages</p>              |

| No       | ACCESS TO PREMISES REQUIREMENT  | SOPA REQUIREMENT | HOW SATISFIED / COMMENTARY  |
|----------|---|------------------|---|
| <b>1</b> | <b>D3.1 – General Building Access</b>   |                  |   |
| 1(a)     | Buildings of BCA Classification 5 require: <ul style="list-style-type: none"> <li>Access to and within all areas normally used by the occupants</li> </ul>                |                  | <p>The “Hub” is considered a BCA Class 5 building. Accessible access has been provided to all areas of the Hub.</p> <p>Store rooms and plant rooms will not need to be accessible.</p> <p>Accessible facilities have not been provided to the Change Rooms associated with the elite players change rooms. It is understood that the elite players change rooms need not be accessible.</p> |
| 1(b)     | Buildings of BCA Classification 9b require: <ul style="list-style-type: none"> <li>access to wheelchair seating spaces provided in accordance with clause D3.9</li> </ul> |                  | Accessible access has been provided to wheelchair seating areas located in the show court and the 5 playing courts.   |
| 1(c)     | <ul style="list-style-type: none"> <li>To and within all other areas normally used by the occupants</li> </ul>  |                  | Accessible access has been provided to all areas of this facility with the exception of the elite players change rooms. (See letter attached from Netball NSW).   |
| <b>2</b> | <b>D3.2 Access to Buildings</b>   |                  |   |
| 2(a)     | <p>(1) An <i>accessway</i> must be provided:</p> <p>(a) to a building <i>required to be accessible</i>;</p>   |                  | Satisfied   |

| No   | ACCESS TO PREMISES REQUIREMENT  | SOPA REQUIREMENT | HOW SATISFIED / COMMENTARY   |
|------|---|------------------|--|
| 2(b) | (b) from the main points of a pedestrian entry at the allotment boundary; and   |                  | <p>Satisfied – A series of walkways with gradients shallower than 1:20 have been proposed as part of the forecourt design leading to the main entrances of the State Sports Centre and Netball Central.</p> <p>This forecourt also provides accessible access to both levels of the State Sports Centre. Directional signage will be required to assist with navigation to the various building entrances.</p> <p>A 1:14 ramp system provides access to the lower level of the State Sports Centre from the forecourt.</p> |
| 2(c) | (i) from another <i>accessible</i> building connected by a pedestrian link; and |                  | <p>Satisfied – Accessible access has been provided to and from the adjacent State Sports Centre.</p>   |
| 2(d) | (ii) from any <i>required accessible</i> carparking space on the allotment.     |                  | <p>There is no carparking specifically associated with this development.</p> <p>Public parking is located in the P3 and P3a Parking facilities located opposite the site.</p> <p>There is on street general and accessible parking on Olympic Boulevard and the surrounding streets. (managed by SOPA)</p> <p>The development reduces the existing on site carparking associated with P7.</p>  |

| No   | ACCESS TO PREMISES REQUIREMENT   | SOPA REQUIREMENT   | HOW SATISFIED / COMMENTARY  |
|------|--|--|---|
| 2(e) | (2) In a building <i>required</i> to be <i>accessible</i> , an <i>accessway</i> must be provided through the principal pedestrian entrance, and:   |  | The Principal Pedestrian Entrance (PPE) is located off the common courtyard with the State Sports Centre. Access to the facility is through sliding autodoors located at Level 3 of the Hub.              |
| 2(f) | (a) through not less than 50% of all pedestrian entrances including the principal pedestrian entrance; and   |  | Satisfied   |
| 2(g) | (b) in a building with a total <i>floor area</i> more than 500 m <sup>2</sup> , a pedestrian entrance which is not <i>accessible</i> must not be located more than 50 m from an <i>accessible</i> pedestrian entrance; |  | Not Applicable  |
| 2(h) | Except for pedestrian entrances serving only areas exempted by clause D3.4.  |  | Not Applicable  |
| 2(i) | 3) Where a pedestrian entrance <i>required</i> to be <i>accessible</i> has multiple doorways:  | <p><b>2.10 Controlled Entries and Exits</b></p> <p>Controlled entries and exits shall include turnstiles, checkouts, ticketed entry points, security or accreditation points, gateways and exit points.</p> <p>All accessible controlled entries and exits shall comply with AS 1428.1 and AS1428.2. Access to all buildings shall be in accordance with BCA, D3.2, Access to Buildings.</p> | The plans do not indicate controlled entries or turnstiles. If controlled access is to be provided in the future then the turnstiles will comply with this requirement and a wider lane will be provided. |
| 2(j) |  | Barrier mechanisms shall automatically move out of the way as persons enter, to provide clear access without contact. Roll bars are generally not considered acceptable.   | Not Applicable  |

| No   | ACCESS TO PREMISES REQUIREMENT  | SOPA REQUIREMENT  | HOW SATISFIED / COMMENTARY                                 |
|------|---|---|--|
| 2(k) |   | Where an entry or exit is not accessible, signage shall be used to clearly indicate the accessible entries and the distance to them.  | Detail to be reviewed as part of the documentation process |
| 2(l) |   | Signs shall use the international symbol of access and shall be located to comply with the specification of the BCA D3.6 and AS 1428.1. Signs are to include Braille, and the tactile characters must be raised or embossed to comply with the BCA Specification D3.6 and Part D4, Braille and tactile signs. | Detail to be reviewed as part of the documentation process |
| 2(m) | (a) if the pedestrian entrance consists of not more than 3 doorways — not less than one of those doorways must be <i>accessible</i> ; and   |   | Satisfied  |
| 2(n) | (b) if the pedestrian entrance consists of more than 3 doorways — not less than 50% of those doorways must be <i>accessible</i> .   |   | Satisfied  |
| 2(o) | 4) For the purposes of subclause (3):<br>(a) an <i>accessible</i> pedestrian entrance with multiple doorways is considered to be one pedestrian entrance where:<br>(i) all doorways serve the same part or parts of the building; and |   | Satisfied  |
| 2(p) | (ii) the distance between each doorway is not more than the width of the widest doorway at that pedestrian entrance (see Figure D3.2);  |   | Satisfied  |

| No   | ACCESS TO PREMISES REQUIREMENT   | SOPA REQUIREMENT   | HOW SATISFIED / COMMENTARY                                 |
|------|--|--|--|
| 2(q) | (b) a doorway is considered to be the clear, unobstructed opening created  |  | Detail to be reviewed as part of the documentation process |
| 2(r) | (5) Where a doorway on an <i>accessway</i> 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. |  | Detail to be reviewed as part of the documentation process |
| 2(s) |  | <b>2.11 Doorways and Doors</b><br>All doorways and doors shall comply with AS 1428.1, and a minimum clear door opening of 850 mm is to be provided in line with the DDA and BCA, D3.2.   | Complies   |
| 2(t) |  | Where entry doors and other doors on an accessible path of travel are required to provide a force to meet fire regulations then a powered door opener shall be installed with either, push button or swipe card activation. Automatic doors are preferred, especially at principal public entries. | Detail to be reviewed as part of the documentation process |



| No       | ACCESS TO PREMISES REQUIREMENT                  | SOPA REQUIREMENT   | HOW SATISFIED / COMMENTARY                                 |
|----------|---|--|--|
| 2(u)     |   | Door leaf / leaves shall have a minimum 30% luminance contrast with the frame or adjacent wall. This includes framed glass doors in glass walls. Unframed glass doors and sidelights shall be clearly marked for the full width with a contrasting solid line not less than 75 mm wide at a height of 900 mm to 1000 mm above the plane of the finished floor level. The contrasting line must be detectable from both sides and under any lighting condition. | Detail to be reviewed as part of the documentation process |
| 2(v)     |   | Where any door is maintained in a hold-open position, it is recommended that the leading edge be luminance contrasted to assist with hazard identification of the protrusion into the adjacent path of travel.   | Detail to be reviewed as part of the documentation process |
| 2(w)     |   | Push plates shall be provided on push open doors.  | Detail to be reviewed as part of the documentation process |
| 2(x)     |   | Where used, door closers shall be adjusted to meet as closely as practicable. The force required to operate shall be as per the recommendations in AS1428.1.   | Detail to be reviewed as part of the documentation process |
| <b>3</b> | <b>D3.3 Parts of Buildings to be accessible</b> |  |  |
| 3(a)     | In a building required to be accessible:        |  |  |

| No   | ACCESS TO PREMISES REQUIREMENT  | SOPA REQUIREMENT  | HOW SATISFIED / COMMENTARY   |
|------|---|---|--|
| 3(b) | <ul style="list-style-type: none"> <li>Every non-fire isolated ramp and stairway must comply with AS1428.1</li> </ul> |   | There are no ramps within the building.  |
| 3(c) |   |   | In addition to the raked forecourt approach to this building a 1:14 ramp system is proposed for the forecourt connecting to the promenade along the States Sports Centre.  |
| 3(d) |   |   | The circulation stairs wrapping around the lift shaft as proposed meet the requirements of AS1428.1.   |
| 3(e) |   |   | <p>The main internal street located on the western side of Courts 1-5 proposes 3 off 1:20 walkways. 1200mm long landings have been introduced to the most northern and southern walkways ensuring that no length of walkway is longer than 15m in accordance with Clause 10.2(b)(ii) of AS1428.1.</p> <p>The middle walkway has a gradient of 1:20 and a length of 18m adopting the concession noted in Clause 10.2(b)(B) of AS1428.1.</p> |
| 3(f) |   |   | The new 1:20 walkway running parallel to the carpark driveway will comply with the requirements of AS1428.1  |
| 3(g) |   | <b>2.5.1 Ramps</b><br>Ramps, including interim landings, shall have a maximum length of 60 m, though walkways may be longer if necessary. | Satisfied  |

| No   | ACCESS TO PREMISES REQUIREMENT | SOPA REQUIREMENT  | HOW SATISFIED / COMMENTARY                                 |
|------|--------------------------------|---|--|
| 3(h) |                                | All ramps to be in accordance with AS 1428.1, AS 1428.4.1 and BCA, D3.11, Ramps.  | Satisfied  |
| 3(i) |                                | Where ramps are provided, adjacent stairs shall also be provided for those who have difficulty walking up or down ramps.  | Satisfied  |
| 3(j) |                                | All ramps and walkways shall have a minimum width of 1800 mm to allow two wheelchair users and the like to pass. Handrails are to be provided on both sides as per AS 1428.1. For facilities specifically for children under 16 years a second lower rail as per AS 1428.2 is required. | Satisfied  |
| 3(k) |                                | When it is not possible to eliminate a kerb or single step having a maximum height of 190 mm, step ramps or kerb ramps are to be provided at a maximum gradient of 1 in 8 and maximum length of 1520 mm to comply with AS 1428.1.   | Not Applicable   |
| 3(l) |                                | <b>2.5.2 Stairways</b><br>All stairways shall comply with the current Building Code of Australia, AS1428.1 and AS 1428.4.1.   | Complies   |
| 3(m) | •                              | Where there are two or more steps, a handrail shall be provided on both sides.  | Detail to be reviewed as part of the documentation process |

| No       | ACCESS TO PREMISES REQUIREMENT  | SOPA REQUIREMENT   | HOW SATISFIED / COMMENTARY  |
|----------|---|--|---|
| 3(n)     | <ul style="list-style-type: none"> <li></li> </ul>  | A single handrail shall be provided on each side of stairways, at a height of 865 mm to 1000 mm above the tread at the nosing. A second lower rail is optional, except for facilities specifically for children under 16 years as per AS1428.2.      | Detail to be reviewed as part of the documentation process  |
| 3(o)     | <ul style="list-style-type: none"> <li></li> </ul>  | A solid contrasting strip shall be applied to the tread at the nosing of each step. The width of each strip shall be in accordance with clause 10 and 11 of AS 1428.1 and BCA, D3.3. All stairs shall be slip resistant. Opaque risers are required. | Detail to be reviewed as part of the documentation process  |
| 3(p)     | <ul style="list-style-type: none"> <li>Every passenger lift must comply with Clause E3.6</li> </ul>   |  | The detail of the lift is to comply with AS1735.12<br>Detail to be reviewed as part of the documentation process          |
| 3(q)     | <ul style="list-style-type: none"> <li>Accessways must have passing and turning areas</li> </ul>  |  | Complies  |
| <b>4</b> | <b>D3.4 Exemptions</b>  |  |   |
| 6(a)     | <p>The following areas are not required to be accessible:</p> <ul style="list-style-type: none"> <li>a. an area where access would be inappropriate because of the particular purpose for which the area is used</li> </ul> |  | Plant rooms, store rooms and the kitchen area associated with the cafe in this facility are not required to be accessible |

| No       | ACCESS TO PREMISES REQUIREMENT  | SOPA REQUIREMENT | HOW SATISFIED / COMMENTARY  |
|----------|---|------------------|---|
| 6(b)     | b. an area that would pose a health or safety risk for people with a disability.          |                  | Plant rooms, store rooms and the kitchen area associated with the cafe in this facility are not required to be accessible   |
| 6(c)     | c. any path of travel providing access only to an area exempted by this clause.           |                  | Plant rooms, store rooms and the kitchen area associated with the cafe in this facility are not required to be accessible   |
| <b>5</b> | <b>D3.5 Accessible Parking</b>  |                  |   |
| 5(a)     |   |                  | Not applicable to this project<br>There is no parking directly associated with this development proposal  |
| <b>6</b> | <b>D3.6 Signage</b>   |                  |   |
| 6(a)     | Braille and Tactile signs are to be installed to designate accessible sanitary facilities | .                | Braille and tactile signs are to be provided located adjacent to the WC facilities. These signs should also indicate the location of ambulant facilities.<br><br>Where USAT facilities are not collocated with the main WC facilities directional signage indicating the location of the nearest USAT facilities is to be provided. |

| No   | ACCESS TO PREMISES REQUIREMENT | SOPA REQUIREMENT  | HOW SATISFIED / COMMENTARY                                 |
|------|--------------------------------|---|--|
| 6(d) |                                | <p>All signage shall comply with AS 1428. Parts 1, 2 and BCA, Parts D3.6 Signs, D4 Braille and tactile signs.</p> <p>Braille and tactile signage shall be designed and installed in accordance with Specification D3.6 of the current Building Code of Australia.</p> <p>All signage shall be clear and legible, and incorporate the appropriate international symbols. To assist legibility, international pictograms shall be used in addition to words. This requirement may assist persons that may not be familiar with the English language.</p> <p>Tactual signs shall be provided where signage is provided in key locations, including entrances, exits, lifts, sanitary facilities and areas with hearing augmentation.</p> <p>Directional signs shall be provided at regular intervals, but at least at every major change of direction where there is more than one path of travel. These signs shall include distances to the next destination</p> | Detail to be reviewed as part of the documentation process |

| No   | ACCESS TO PREMISES REQUIREMENT | SOPA REQUIREMENT  | HOW SATISFIED / COMMENTARY                                 |
|------|--------------------------------|---|--|
| 6(e) |                                | <p>The colour of signs and lettering shall be chosen to enhance the legibility of the signs and have a minimum 30% luminance contrast.</p> <p>Recommended colour combinations are:</p> <ul style="list-style-type: none"> <li>• white on black</li> <li>• yellow on black</li> <li>• white on blue to AS 1428.1.</li> </ul>   | Detail to be reviewed as part of the documentation process |
| 6(f) |                                | Font styles shall be simple, clear and easy to read, such as Helvetica. Sans serif fonts are preferred to serif fonts.  | Detail to be reviewed as part of the documentation process |
| 6(g) |                                | Backlit signage shall ensure there is no glare factor. Where signs cannot be backlit, they are to be externally illuminated to a minimum average level of 50 lux.   | Detail to be reviewed as part of the documentation process |
| 6(h) |                                | All signs shall be of a non-reflective, non-glossy surface to avoid reflective glare and ensure readability.  | Detail to be reviewed as part of the documentation process |
| 6(i) |                                | Tactual signs shall repeat the primary signage and be mounted at a height of 1200 mm to 1600 mm above the ground. Tactual signs shall use enlarged raised print and Braille, internationally recognised symbols, in accordance with AS 1428.1. Luminance contrast shall be a minimum of 30%, with Braille signage integrated in each sign. Raised lettering shall comply with D3.6 and Specification D3.6 of the BCA. | Detail to be reviewed as part of the documentation process |



| No       | ACCESS TO PREMISES REQUIREMENT   | SOPA REQUIREMENT  | HOW SATISFIED / COMMENTARY   |
|----------|--|---|--|
| 6(j)     |  | Clocks should be at least 1350 mm in diameter, backlit, with a white opaque background. Hands and numerals should be formed in bold black characters for ease of reading. | Detail to be reviewed as part of the documentation process   |
| 6(k)     |  | All public domain egress signs shall clearly show the directions to public transport, venues and major destinations.  | Detail to be reviewed as part of the documentation process   |
| <b>7</b> | <b>D3.7 Hearing Augmentation</b>   |   |  |
| 7(a)     | <p>(1) A hearing augmentation system must be provided where an inbuilt amplification system, other than one used only for emergency warning, is installed:</p> <p>(a) in a room in a Class 9b building; or</p> <p>(b) in an auditorium, conference room, meeting room, room for judicatory purposes, or a room in a Class 9b building; or</p> <p>(c) at any ticket office, teller's booth, reception area or the like, where the public is screened from the service provider.</p> |   | <p>A hearing augmentation system is to be installed in this facility. The specific detail will be finalised as part of the detailed design however based on the information provided to date the following areas require the installation of a hearing augmentation system:</p> <ul style="list-style-type: none"> <li>• The show court</li> <li>• The 5 playing courts</li> <li>• The foyer</li> <li>• The education training area (Hub)</li> <li>• Reception area (if screened off from the public)</li> <li>• Meeting rooms</li> <li>• Locations where there is a public address system.</li> </ul> |

| No   | ACCESS TO PREMISES REQUIREMENT | SOPA REQUIREMENT  | HOW SATISFIED / COMMENTARY                                 |
|------|--------------------------------|---|--|
| 7(b) |                                | An assistive listening system shall be provided to all venues complying with AS 1428.1 and 2 and SHHH (Self Help for Hard of Hearing Australia Inc) advice shall be provided to all venues.   | Detail to be reviewed as part of the documentation process |
| 7(c) |                                | AS 1428.5 Hearing Augmentation, has been developed for Communication for People who are Deaf or Hearing Impaired. This Standard should also be complied with.   | Noted  |
| 7(d) |                                | <p>An assistive listening system, ALS (which may be an audio frequency induction loop system, modulated radio system or infrared system) shall be provided in public areas so that people who are deaf or hearing impaired have equal participation in all activities.</p> <p>This shall include</p> <ul style="list-style-type: none"> <li>• in a conference room, assembly area, meeting room and the like</li> <li>• any area with an amplification system</li> <li>• at least one ticket booth, reception and enquiries counter or the like where the service provider is screened from the customer</li> </ul> | Detail to be reviewed as part of the documentation process |
| 7(e) |                                | In addition to the permanent systems, at least one portable system shall be provided for use in other areas as required.  | Detail to be reviewed as part of the documentation process |

| No   | ACCESS TO PREMISES REQUIREMENT  | SOPA REQUIREMENT   | HOW SATISFIED / COMMENTARY                                 |
|------|---|--|--|
| 7(f) | <p>(2) If a hearing augmentation system <i>required</i> by subclause (1) is:</p> <p>(a) an induction loop, it must be provided to not less than 80% of the <i>floor area</i> of the room or space served by the inbuilt amplification system; or</p>            | An induction loop must be provided to a minimum of 80% of all seating equitably dispersed throughout the seating areas and including some wheelchair positions as per BCA D3.7.2(a)  | Detail to be reviewed as part of the documentation process |
| 7(g) | <p>(b) a system requiring the use of receivers or the like, it must be available to not less than 95% of the <i>floor area</i> of the room or space served by the inbuilt amplification system, and the number of receivers provided must be not less than:</p> | A receiver system must be available to a minimum of 95% of all seating equitably dispersed throughout the seating areas and including some wheelchair positions as per BCA D3.7.2(b) | Detail to be reviewed as part of the documentation process |

| No   | ACCESS TO PREMISES REQUIREMENT   | SOPA REQUIREMENT | HOW SATISFIED / COMMENTARY                                 |
|------|--|------------------|--|
| 7(h) | <ul style="list-style-type: none"> <li>(i) if the room or space accommodates up to 500 persons, 1 receiver for every 25 persons (or part thereof), or 2 receivers, whichever is the greater; and</li> <li>(ii) if the room or space accommodates more than 500 persons but not more than 1 000 persons, 20 receivers plus 1 receiver for every 33 persons (or part thereof) in excess of 500 persons; and</li> <li>(iii) if the room or space accommodates more than 1 000 persons but not more than 2 000 persons, 35 receivers plus 1 receiver for every 50 persons (or part thereof) in excess of 2 000 persons; and</li> <li>(iv) if the room or space accommodates more than 2 000 persons, 55 receivers plus 1 receiver for every 100 persons (or part thereof) in excess of 2 000 persons.</li> </ul> |                  | Detail to be reviewed as part of the documentation process |
| 7(i) | (3) The number of persons accommodated in the room or space served by an inbuilt amplification system must be calculated according to clause D1.13 of the BCA.   |                  | Noted  |

| No       | ACCESS TO PREMISES REQUIREMENT   | SOPA REQUIREMENT   | HOW SATISFIED / COMMENTARY  |
|----------|--|--|---|
| 7(j)     | (4) 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. | In the event of an emergency any scoreboard or video screen capable of displaying public announcements is to be used to supplement the public address system.<br><br>Similarly, in isolated areas within buildings, such as accessible sanitary facilities, visual alarms shall accompany any auditory warning system. | The detailed design of the scoreboard(s) has yet to be undertaken / completed.<br><br>The electrical installation will need to allow wiring the score boards into the emergency broadcast system.<br><br>Detail to be reviewed as part of the documentation process |
| <b>8</b> | <b>D3.8 Tactile indicators</b>   |  |   |
| 8(a)     | (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:   |  |   |

| No   | ACCESS TO PREMISES REQUIREMENT   | SOPA REQUIREMENT  | HOW SATISFIED / COMMENTARY                                 |
|------|--|---|--|
| 8(b) | (a) a stairway, other than a <i>fire-isolated stairway</i> ;<br>(b) an escalator;<br>(c) a passenger conveyor or moving walk;<br>(d) a ramp other than a <i>fire-isolated ramp</i> , a step ramp, a kerb ramp or a <i>swimming pool</i> ramp;<br>and<br>(e) in the absence of a suitable barrier:<br>I. an overhead obstruction less than 2 m above floor level, other<br>II. than a doorway; and<br>III. an <i>accessway</i> meeting a vehicular way adjacent to any pedestrian entrance to a building, excluding a pedestrian entrance serving an area referred to in clause D3.4, if there is no kerb or kerb ramp at that point; except for areas exempted by clause D3.4. | Where TGSI are used, they shall comply with AS 1428.4.1 and BCA D3.8, Tactile indicators. | Detail to be reviewed as part of the documentation process |
| 8(c) | (2) Tactile ground surface indicators <i>required</i> by subclause (1) must comply with sections 1 and 2 of AS/NZS 1428.4.1  |   |  |

| No       | ACCESS TO PREMISES REQUIREMENT   | SOPA REQUIREMENT   | HOW SATISFIED / COMMENTARY  |
|----------|--|--|---|
| <b>9</b> | <b>D3.9 Wheelchair seating spaces in Class 9b assembly buildings</b>   |  |   |
| 9(a)     | Up to 150 fixed seats – 3 spaces   | All wheelchair-accessible auditorium seating shall comply with AS 1428.1 and BCA, D3.9, Wheelchair seating spaces in Class 9b assembly buildings.  | 3 accessible wheelchair spaces shall be provided to <b>each</b> of the 5 playing courts located in the main hall.   |
| 9(b)     | 151 to 800 seats - 3 spaces plus 1 additional space for each additional 50 seats or part thereof in excess of 150 seats  |  | <p>The main exhibition hall is proposed to accommodate 800 seats.</p> <p>A total of 16 accessible wheelchair seats are to be provided in the main exhibition hall.</p> <p>The wheelchair seating is to be located courtside and in the top row of the tiered seating on the northern side only of the show Court.</p> |
| 9(c)     | <b>Grouping and spacing</b><br>not less than 2 single spaces; and not less than 2 groups of 2 spaces; and not more than 5 spaces in any other group; and the location of spaces is to be representative of the range of seating provided | <p>Wheelchair accessible seating positions shall be provided to allow an equitable choice of location, quality and price range as per BCA, D3.9. One companion seat beside each wheelchair position shall be provided.</p> <p>Wheelchair-accessible seating positions shall allow customers to sit in individual or paired positions, adjacent to fixed seating and have the potential to facilitate wheelchair seating in groups of between 10 and 20 spaces.</p> | Detail configuration to be reviewed as part of the documentation process  |



| No   | ACCESS TO PREMISES REQUIREMENT | SOPA REQUIREMENT  | HOW SATISFIED / COMMENTARY                                 |
|------|--------------------------------|---|--|
| 9(d) |                                | <p>3.6 Enhanced Amenity Seats</p> <p>Enhanced amenity seats have additional space in front of and to one side of the seat to provide greater space for those with mobility impairments or the elderly who do not use wheelchairs, as this space can accommodate a companion animal or mobility aid.</p> <p>Enhanced amenity seats are to be provided in addition to wheelchair positions. These should be equitably distributed and located at the ends of rows and up or down as few steps as possible. The number of seats to be provided is to be determined on a case-by-case basis</p> | Detail to be reviewed as part of the documentation process |
| 9(e) |                                | <p>3.7 Comparable Sightlines</p> <p>Comparable sightlines provide the same sightline for a person seated in a wheelchair as the person in front when they stand up.</p> <p>Comparable sightlines shall generally be provided to all wheelchair positions and should be considered on a case-by-case basis.</p>  | Detail to be reviewed as part of the documentation process |
| 9(f) |                                | <p>3.8 General Seating</p> <p>Seats in public areas, provided for rest, waiting and the like in public spaces shall have backs and armrests – refer to AS 1428.2. Seats shall be stable when downward pressure is put on the armrest.</p>   | Detail to be reviewed as part of the documentation process |

| No        | ACCESS TO PREMISES REQUIREMENT  | SOPA REQUIREMENT | HOW SATISFIED / COMMENTARY  |
|-----------|---|------------------|---|
| <b>10</b> | <b>D3.12 Glazing on an Accessways</b>   |                  |   |
| 10(a)     | Any glazing capable of being mistaken for a doorway or opening, must be clearly marked in accordance with AS1428.1.   |                  | The proposed development will feature full height framed or frameless glazing. This glazing will need to comply with AS1288 and the requirements of clause 6.6 of AS1428.1 will need to be satisfied. |
| <b>11</b> | <b>D4.2 Location Braille &amp; Tactile Signs</b>  |                  |   |
| 11(a)     | Braille and tactile components of a sign must be located not less than 1200mm and not higher than 1600mm AFFL   |                  | Detail to be reviewed as part of the documentation process  |
| 11(b)     | Signs with a single line of characters must have the line of tactile characters not less than 1250mm and not more than 1350mm AFFL                                      |                  | Detail to be reviewed as part of the documentation process  |
| 11(c)     | Signs identifying rooms must be located on the wall on the latch side of the door with the leading edge of the sign located between 50mm and 300mm from the architrave. |                  | Detail to be reviewed as part of the documentation process  |
| <b>12</b> | <b>D4.3 Braille &amp; tactile specification</b>   |                  |   |
| 12(a)     | Section D4.3 identifies the detail for the design of braille and tactile signs  |                  | Detail to be reviewed as part of the documentation process  |

| No        | ACCESS TO PREMISES REQUIREMENT                               | SOPA REQUIREMENT   | HOW SATISFIED / COMMENTARY   |
|-----------|--|--|--|
| <b>13</b> | <b>D4.4 Luminance Contrast</b>                               |  |  |
| 13(a)     | Signage to have luminance contrast                           |  | Detail to be reviewed as part of the documentation process   |
| <b>14</b> | <b>D4.5 lighting</b>   |  |  |
| 14(a)     | The signs are to be illuminated to ensure luminance contrast |  | <p>The placement of the signs will need to be finalised early in the design process so that appropriate coordination with the electrical discipline may take place.</p> <p>Detail to be reviewed as part of the documentation process</p>              |
| <b>15</b> | <b>E3 Lift Installation</b>                                  |  |  |
| 15(a)     |  | <p>2.5.3 Lifts</p> <p>As a minimum, lifts shall comply with AS 1735 Parts 1,2,3,7,8,12,14,15,16 and also BCA Part E3, Lift installations.</p> <p>A visual indicator shall be provided to inform a person who is deaf or hearing impaired that an emergency call has been received.</p> | <p>The sizing of the lifts noted on the plan exceeds the minimum lift requirements nominated by this Standard.</p> <p>The fitout of the passenger lift will comply to AS1735.12.</p> <p>Detail to be reviewed as part of the documentation process</p> |

| No        | ACCESS TO PREMISES REQUIREMENT  | SOPA REQUIREMENT  | HOW SATISFIED / COMMENTARY |
|-----------|---|---|----------------------------|
|           |   | <p>An audible indicator shall be provided to inform a person who is blind or has low vision that an emergency call has been received.</p> <p>An audible indicator shall be provided to inform a person who is blind or has low vision at which floor the lift has stopped.</p> <p>Where a stairway platform lifts is proposed, the minimum platform size shall be 1200mm x 800 mm with end loading access only and shall include intercom systems and other relevant information at the entry landings to enable people to gain access to them.</p> |                            |
| <b>16</b> | <b>F2 Sanitary and other facilities</b>   |   |                            |
| 16(a)     | (a) accessible unisex sanitary compartments must be provided in accessible parts of the building in accordance with Table F2.4 (a); and   |   | Satisfied                  |
| 16(b)     | (b) accessible unisex showers must be provided in accordance with Table F2.4 (b); and   |   | Satisfied                  |
| 16(c)     | (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 |   | Satisfied                  |

| No    | ACCESS TO PREMISES REQUIREMENT   | SOPA REQUIREMENT | HOW SATISFIED / COMMENTARY  |
|-------|--|------------------|---|
| 16(d) | (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                                    |                  | Satisfied<br><br>Detail to be reviewed as part of the documentation process |
| 16(e) | (e) the circulation spaces, fixtures and fittings of all accessible sanitary facilities provided in accordance with Table F2.4 (a) and (b) must comply with the requirements of AS 1428.1; and   |                  | Satisfied   |
| 16(f) | (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   |                  | Satisfied   |
| 16(g) | (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 |                  | Satisfied<br><br>Detail to be reviewed as part of the documentation process |
| 16(h) | (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     |                  | Noted   |

| No    | ACCESS TO PREMISES REQUIREMENT  | SOPA REQUIREMENT  | HOW SATISFIED / COMMENTARY   |
|-------|---|---|--|
| 16(i) | (i) an accessible unisex sanitary compartment or an accessible unisex shower need not be provided on a storey or level that is not required by D3.3(g) to be provided with a passenger lift or ramp complying with AS 1428.1. |   | Not Applicable   |
| 16(j) |   | <p>3.3 Toilets</p> <p>Accessible toilets shall be provided in accordance with AS 1428.1 and shall include 300 mm additional circulation space to the width and length of the WC pan circulation space. This space is to accommodate a folding baby change table. Wall mounted baby change facilities with a side hinge (parallel model) will minimise the intrusion into the circulation space.</p> | <p>Accessible sanitary facilities have been provided at each level of the building. Baby change facilities will be provided.</p> <p>Detail to be reviewed as part of the documentation process</p> |
| 16(k) |   | An accessible toilet shall be provided in or adjacent to every bank of toilets. Where two or more accessible unisex facilities are provided, at least one shall be of mirror image configuration  | Satisfied  |
| 16(l) |   | Where accessible toilets are provided to meet the code requirements, they shall be unisex. Any toilets in excess of this number can be in gender-specific areas.  | Satisfied  |
| 16(m) |   | Inward-opening doors to all standard cubicles are to remain open when not in use. This assists people who are blind or have low vision to identify whether the cubicle is occupied or not.  | Detail to be reviewed as part of the documentation process   |

| No    | ACCESS TO PREMISES REQUIREMENT | SOPA REQUIREMENT   | HOW SATISFIED / COMMENTARY                                 |
|-------|--------------------------------|--|--|
| 16(n) |                                | In addition to the fully accessible toilets, at least one toilet cubicle in every bank of gender-specific toilets shall be accessible to a person with an ambulant disability, in accordance with AS 1428.1. | Satisfied  |
| 16(o) |                                | Both paper towels and warm air hand driers shall be provided. Provision shall be made for location of a waste bin without intrusion into the circulation space.  | Detail to be reviewed as part of the documentation process |
| 16(p) |                                | A shelf (150 mm to 200 mm x 300 mm to 500 mm) suitable for handbags shall be provided adjacent to the hand basin to meet the requirements of BCA F2.4.   | Detail to be reviewed as part of the documentation process |
| 16(q) |                                | Soap dispensers in all accessible toilet areas shall be operable by one hand and located to avoid creating drips on the floor in the critical circulation space.   | Detail to be reviewed as part of the documentation process |
| 16(r) |                                | Portable or temporary accessible toilets shall comply with AS 1428.1, and a backrest must be provided with the WC pan.   | Noted  |
| 16(s) |                                | All taps shall provide lever action to allow use by people with limited dexterity. Taps to basins shall have a central mixing spout.   | Detail to be reviewed as part of the documentation process |
| 16(t) |                                | Flat, not tilt mirrors shall be provided to assist ambulant people as well as people using wheelchairs.  | Detail to be reviewed as part of the documentation process |



| No    | ACCESS TO PREMISES REQUIREMENT | SOPA REQUIREMENT  | HOW SATISFIED / COMMENTARY   |
|-------|--------------------------------|---|--|
| 16(u) |                                | <p>All showers shall comply with AS 1428.1 and BCA, Part F2, Sanitary and other facilities.</p> <p>Where showers are provided for any user group, accessible showers shall also be provided in the same or an adjacent location. The provision of a combined accessible shower and toilet facility is acceptable, especially at venues where team facilities are not provided.</p> <p>Accessible showers shall include a bench in an adjacent dry area.</p> | <p>Accessible sanitary facilities are provided for players, staff and visitors to the facility. (Note There are no accessible facilities associated with the Elite Players Change rooms)</p> <p>Accessible facilities will are provided in the change rooms</p> <p>A USAT is provided on each level of the HUB</p> <p>The total number of sanitary facilities to be provided will need to be determined by the population calculation of the BCA</p> |

## Interior lighting

The following table schedules the minimum levels of maintenance illumination from the various applicable Australian Standards. The Standards indicate that in many instances people with low vision or vision impairment require a higher level of artificial lighting than normally provided. Persons with impaired hearing require a level of illumination not less than 150 lux.

| TYPE OF INDOOR OR ACTIVITY            | AS1680.2.1 TABLE D1<br>MAINTAINED ILLUMINANCE (lx) | AS 1428.2 (lx) | AS1735.12 LIFTS,<br>ESCALATORS & MOVING<br>WALKS<br>(lx) |
|---------------------------------------|--|----------------|--|
| Entrance Halls, Lobbies, Foyers       | 160  | 150            |  |
| Enquiry Desks                         | 320  |                |  |
| Loading bays                          | 80   |                |  |
| Corridors, passageways & ramps        | 40   | 150            |  |
| Internal stairs                       | 80   | 150            |  |
| Lift car                              |  |                | 100  |
| Lift lighting on controls             |  |                | 50   |
| Dining rooms                          | 160  |                |  |
| Serveries                             | 240  |                |  |
| Food Preparation, cooking, washing up | 240  |                |  |
| Staff change rooms, locker rooms      | 80   | 200            |  |
| Cleaners rooms                        | 80   |                |  |
| Toilets                               | 80   | 200            |  |
| Plant rooms                           | 80   |                |  |
| Control Panels, switch rooms          | 160  |                |  |

## SOPA Requirements

| No  | SOPA REQUIREMENT  | HOW SATISFIED / COMMENTARY  |
|-----|---|---|
| (a) | 2.2 Some people with a disability have difficulty travelling distances. Therefore, all distances, such as drop-off and parking to entry, entry to seating and seating to support facilities, should be minimised. Preferably, travel distances should not exceed 60 m, but where they do, rest seating should be provided at no more than 60 m intervals.   | The detail of the forecourt design is yet to be completed and will address this SOPA requirement. |
| (b) | 2.4 Walkways<br>Where the gradient is not steeper than 1 in 20, the circulation path is classed as a walkway. All walkways shall comply with AS 1428.1 and shall be a minimum of 1800 mm wide to allow people using wheelchairs and the like to pass.   | Satisfied   |
| (c) | 2.7 Surfaces and Finishes<br>All surfaces and finishes shall comply with AS 1428.1 and AS 1428.2.<br>Floor and wall surfaces with a low reflectivity shall be used since high- reflective surfaces can provide disorientating images for people who are blind or have low vision.<br>Where reflective surfaces are used, such as glass walls and doors, all efforts shall be made to reduce the potential for disorientation.<br>Particular consideration shall be given to lighting uniformity to ensure that unevenness and glare do not accentuate problems for people who are blind or have low vision. | Detail to be reviewed as part of the documentation process  |
| (d) | 3.9 Drinking Fountains<br>Where drinking fountains are provided, they shall comply with AS 1428.2, with the exception of the height to the front of the bowl, which shall be 895mm  | Detail of drinking fountains to be reviewed as part of the documentation process                  |

| No  | SOPA REQUIREMENT  | HOW SATISFIED / COMMENTARY  |
|-----|---|---|
| (e) | <p>3.10 Furniture Fittings and Equipment</p> <p>All furniture fittings and equipment shall comply with AS 1428.2.</p> <p>All counters shall be accessible unless Occupational Health and Safety (OH&amp;S) or other operational requirements preclude this, in which case a width of at least 800 mm of counter shall be accessible.</p> <p>Accessible counters and tables shall provide a height of 830-870mm with an underside clearance of at least 800-840mm for a depth of at least 620mm.</p> <p>Tables and the like shall provide access for wheelchair users. All tables shall be stable when downward pressure is placed on the edge.</p>  | <p>Detail to be reviewed as part of the documentation process</p>   |
| (f) | <p>4.4 Telephones</p> <p>All accessible telephones shall comply with AS 1428.2.</p> <p>In order that public telephones are accessible by all members of the public, at least one, and preferably the first phone in every bank of telephones, shall be wheelchair accessible and include the following features:</p> <ul style="list-style-type: none"> <li>• a hearing aid couple (for use with a 'T' switch on hearing aids)</li> <li>• volume control</li> <li>• coin and card operation</li> <li>• telephone typewriter (TTY).</li> </ul> <p>To allow a wheelchair to be located side-on to the accessible telephone, it shall be no closer than 300 mm to an obstruction at the sides.</p> <p>Accessible telephones shall be located adjacent to the accessible path of travel and shall minimise the ambient noise.</p> <p>Accessible telephones shall be clearly identified by the international symbol, including the TTY symbol.</p> <p>Refer also to AS 1428.4.1 Tactile ground surface indicators.</p> | <p>Presently no public phones are proposed for this facility. If public phones were to be introduced in the future then these requirements will be complied with.</p> |

| No  | SOPA REQUIREMENT  | HOW SATISFIED / COMMENTARY  |
|-----|---|---|
| (g) | <p>4.5 Lighting</p> <p>Indoor lighting shall comply with AS 1428.2, AS 1680 Part 1 Interior and workplace lighting and Part 2.1. Interior lighting-Circulation spaces and other general areas. Outdoor lighting shall comply with AS1158.3.1.</p> <p>A uniform level of light to eliminate shadows shall be provided along the main accessible pathways. This shall be glare-free with a minimum level of 50 lux at ground level.</p> <p>The design and detailing of lighting shall eliminate glare, illuminate signage and highlight changes of level. Illuminance levels shall be uniform and comply with the requirements for maintenance illumination in all internal circulation spaces, including publicly accessible areas. A minimum illumination of 40 lux, uniformity of no less than 0.3 and an average maintained value of 120 lux shall be provided.</p> <p>A graduated level of illumination shall be provided at building entries and exits to assist people who are blind or have low vision. A minimum of 50 lux shall be provided outside the entry or exit.</p> <p>Adequate lighting shall be provided in conference rooms, meeting rooms, auditoria and the like for sign language interpretation for people who are deaf or hearing impaired. Back lighting should be avoided, as it makes both the face of the lecturer and the lip movement and signing of the interpreter difficult to see.</p> | <p>Detail to be reviewed as part of the documentation process</p> |