

Appendix 6.4

Access Review

Prepared by Morris-Goding Accessibility Consulting

UNIVERSITY TECHNOLOGY SYDNEY (UTS)

DR CHAU CHAK WING

ACCESS REVIEW

Morris-Goding Accessibility Consulting

FINAL v2

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1. EXECUTIVE SUMMARY

The Access Review Report is a key element in design development of the Dr Chau Chak Wing Building, UTS and an appropriate response to the AS1428 series, Building Code of Australia (BCA), City of Sydney Access DCP, and ultimately the Commonwealth Disability Discrimination Act (DDA).

Morris-Goding Accessibility Consulting has prepared the Access Report to provide advice and strategies to maximise reasonable provisions of access for people with disabilities.

The development has been reviewed to ensure that ingress and egress, paths of travel; circulation areas and toilets comply with relevant statutory guidelines.

In general, the development has accessible paths of travel that are continuous throughout. In line with the reports recommendations, the proposed development has demonstrated an appropriate degree of accessibility. The Development Application drawings indicate that compliance with statutory requirements, pertaining to site access, common area access, accessible parking and accessible sanitary facilities, can be readily achieved.

It is advised that the provisions of the DDA Access Code 2010 are due to be inserted into the BCA from 1 May 2011. The provisions of the DDA Access Code will from that date onwards thereby become mandatory for new building work. If it is anticipated that construction certificate for this project is to be granted on or after 1 May 2011, the immediate adoption of the recommendations in this report that have been made in accordance with the DDA Access Code is advised.

The recommendations in this report are associated with detailed design. These recommendations should be addressed prior to construction certificate.

2. INTRODUCTION

2.1. General

UTS have engaged Morris-Goding Accessibility Consulting, to provide a design review of the proposed development located at 14-28 Ultimo Road, Ultimo, Sydney.

From the information provided, the development consists of 12 levels with 1 basement level of common car parking below.

The requirements of the investigation are to:

- Review supplied drawings of the proposed development (Schematic Design Issue, December 10, 2010),
- Provide a report that will analyse the provisions of disability design of the development, and
- Recommend solutions that will ensure the design complies with the Disability Discrimination Act (DDA), Building Code of Australia (BCA) and AS 1428 series.

2.2. Objectives

The report considers user groups such as residents and residential visitors. The Report attempts to deliver equality, independence and functionality to people with disabilities inclusive of:

- ✘ People with sensory impairment (hearing and vision)
- ✘ People with mobility impairments (ambulant and wheelchair)
- ✘ People with dexterity impairments

The Report seeks to provide compliance with the DDA. In doing so, the Report attempts to eliminate, as far as possible, discrimination against persons on the ground of disability.

2.3. Statutory Requirements

The following standards are to be used to implement the Report:

- AS 1428.1 - (80% of people with disabilities accommodated)
- AS 1428.2 - (90% of people with disabilities), where relevant
- AS 1735.12 - (Lifts, Escalators, & Moving Walks)
- BCA - Building Code of Australia
- DDA - Disability Discrimination Act (DDA Premises Standards)
- UTS Design Guidelines Access Policy
- City of Sydney Access DCP 2004

3. INGRESS & EGRESS

3.1. Approach

The site is bound by Ultimo Road, Omnibus Lane and Mary Ann Street located in Haymarket, Sydney.

There is a continuous path of travel from transport links, with the main Central Railway Station and bus stops within 5 mins walk from the site with appropriate paths of travel suitable for a person in a wheelchair compliant with the UTS Access Guidelines and the City of Sydney Access DCP.

Pedestrian footpaths along the continuous path of travel to the site appear to have appropriate hardstand paths with gradients and clearances suitable for persons in a wheelchair compliant with AS1428.1:2009, clause 6.

Approach to the site is via a continuous accessible path of travel from the boundary streets which has appropriate gradients for persons in a wheelchair in accordance with AS1428.1:2009, clause 6.1 and the DDA Premises Standards.

Any proposed works to the forecourt area needs to have gradients not steeper than 1:20.

3.2. Main Entrance

Entry into the Dr. Chau Chak Wing Building is via the pedestrian footpath near Ultimo Road. There is a continuous accessible path from the pedestrian footpath to the main entry doors compliant with AS1428.1:2009 and the DDA Premises Standards. The path of travel currently appears to have a gradient of 1:18.7 (300mm rise over 5.6m) non-compliant with AS1428.1:2009 and the City of Sydney Access DCP.

There is a pair of dual-hinged doors with an 850mm clear width (920mm door leaf) with appropriate circulation and clearances on the interior and exterior sides of the door in accordance with AS1428.1:2009 and the UTS Access Policy.

From the doors, there is a continuous path of travel to the passenger lifts compliant with AS1428.1:2009. The circulation areas in front of the passenger lifts are appropriate for a person in a wheelchair in accordance with AS1428.1:2009 and the DDA Premises Standards. The passenger lifts provide an accessible path of travel throughout all levels of the development.

The architect has acknowledged the following issue, which will be implemented in future drawings:

- (i) Provide an accessible path of travel with a gradient no greater than 1:20 from the Ultimo Road entry path. Alternatively a ramp will be required (handrails/TGSI).
- (ii) Provide automatic sliding doors to building entry.

3.3. Secondary Entrance

There is a secondary entrance accessible via the pedestrian footpath near Mary Anne Street. There are appropriate hardstand pathways from the pedestrian footpath to the main entry door in accordance with AS1428.1:2009 and the City of Sydney Access DCP.

There is a dual-hinged door with an 850mm clear width (920mm door leaf) with appropriate circulation and clearances on the interior and exterior sides of the door in accordance with AS1428.1:2009 and the UTS Access Policy.

From the entry door, there is an accessible path of travel to the passenger lifts compliant with AS1428.1:2009. The circulation areas in front of the passenger lifts are appropriate for a person in a wheelchair in accordance with AS1428.1:2009 and the DDA Premises Standards. The passenger lifts provide an accessible path of travel throughout all levels of the development.

The architect has acknowledged the following issue, which will be implemented in future drawings:

- (i) Provide automatic sliding doors to the Mary Ann Street entry.

3.4. Emergency Egress

There are 2 emergency egress stair wells leading from the upper levels down to street level and others leading out from the lower basement car park levels.

All emergency egress stair doors have a clear width of 920mm (1000mm door leaf) compliant with AS1428.2.

The main accessible egress points are via the two separate entry doors located on the ground floor compliant with the City of Sydney Access DCP.

The architect has acknowledged the following issues, which will be implemented in future drawings:

- (i) At least 1 lift should be operational in the event of an emergency (best practice).
- (ii) Consider creating fire safety refuges in fire stair landings on all office floors (best practice) for people in wheelchairs.
- (iii) Should the provision of any emergency systems be installed within the building, the systems should include audible and visual warnings indicators in assisting people with sensory disabilities (best practice).

4. PATHS OF TRAVEL

4.1. General

The paths of travel within the ground floor foyer area have appropriate circulation areas for wheelchair manoeuvrability compliant with AS1428.1:2009 and the DDA Premises Standards.

In general, arterial circulation areas are greater than 1800mm with main corridors with 1500mm wide clearance clearances compliant with the UTS Access Policy. The lift lobbies on all levels of the development have ample circulation space to allow two wheelchair users to pass each other compliant with AS1428.1:2009 and the DDA Premises Standards.

In general, the main paths of travel throughout the development are level and have appropriate clearances that are generally wide enough (at least 1800mm) to allow two wheelchair users to pass each other in accordance with AS1428.1:2009 and the DDA Premises Standards.

The ends of the corridors on all floors have suitable width (at least 1550mm) to allow 2 wheelchairs users to perform 180° turns. There are appropriate passing bays suitable for wheelchair users to pass one another compliant with the City of Sydney Access DCP.

The architect has acknowledged the following issues, which will be implemented in future drawings:

- (i) Ensure an appropriate clearance min. 510mm latch side clearance over a 1450mm depth in front of GSB Seminar/Lecture Spaces (ground and 1st floor) suitable for wheelchair manoeuvrability.
- (ii) Ensure corridors in front of office doors (3rd floor, 4th floor, 5th floor, 7th floor, 8th floor and 9th floor) has a 1240mm clear width compliant with AS1428.1:2009, fig 31.
- (iii) Ensure compactuses (3rd floor, 4th floor, 5th floor and 8th floor) do not encroach into the path of travel and has recessed sliding tracks that do not present a physical barrier for persons in a wheelchair.

4.2. Doors

All doors leading into common areas and offices have a minimum 850mm clear width compliant with AS1428.1:2009 and the DDA Premises Standards.

In general, most doors have appropriate clearances and circulation at doorways compliant with the UTS Access Policy and the City of Sydney Access DCP. Modifications are required to ensure appropriate circulation at doors.

The architect has acknowledged the following issues, which will be implemented in future drawings:

- (i) Provide automatic sliding doors at floor entry doors (at lift lobbies of 3rd-10th levels).
- (ii) Ensure the following office and meeting room doors have a minimum 510mm latch side clearance in order to comply with AS1428.1:2009, fig. 31:
 - Ground level, male and female WC: currently 140mm

- Ground level, GSB Seminar Lecture Space: currently 220mm
 - 1st floor, unisex WC: currently 340mm
 - 1st floor, office door next to student service desk support: currently 230mm
 - 1st floor, teaching and learning unit: currently 250mm
 - 1st floor, GSB Seminar Lecture Space: currently 220mm
 - 2nd floor, GSB Group work rooms: currently none
 - 3rd floor, utility: currently 360mm
 - 3rd floor, office on northern tip: currently none
 - 3rd floor, office facing compactuses next to TSG room: currently 190mm
 - 3rd floor, corner office next to GSB seminar room: currently 20mm
 - 4th floor, corner office facing compactuses: currently 20mm
 - 4th floor, most north-western corner offices: currently 320mm
 - 4th floor, office opposite the north-western corner office: currently none
 - 4th floor, most south-western facing offices: currently 350mm
 - 4th floor, south-eastern facing office adjacent the fire stairs: currently none
 - 5th floor, most northern office on the north-west wing: currently 480mm
 - 5th floor, most south-eastern facing office: currently none
 - 5th floor, office next to northern fire stair: currently 290mm
 - 5th floor, most northern facing office: currently none
 - 5th floor, most south-western facing office: currently 420mm
 - 5th floor, office next to internal central stair: currently 235mm
 - 7th floor, most northern office: currently none
 - 7th floor, most southern office: currently none
 - 7th floor, most western office: currently none
 - 8th floor, western office adjacent interior fire rated glass: currently 330mm
- (iii) Ensure the GSB Seminar Lecture Space on the ground and 1st floor has a 1450mm length landing in front of the door compliant with AS1428.1:2009, fig. 31.

4.3. Lifts

There are 4 passenger lifts within the building with suitable wheelchair access to all floors of the development. The lifts provide an appropriate continuous accessible path of travel to and from the ground floor lift lobby to the levels above compliant with the City of Sydney Access DCP.

The passenger lifts appears to have an internal dimension of 1600mm by 2000mm which is appropriate according to the DDA Premises Standards.

The architect has acknowledged the following issues, which will be implemented in future drawings:

- (i) Lift car components (grabrail, control buttons, lighting) to comply with AS1735.12.

4.4. Lift for Persons with Limited Mobility

There is an AS1735.16 compliant lift within the ground level GSB Seminar/Lecture Space.

The lift provides an appropriate continuous accessible path of travel to and from the front of the tiered lecture space to the ground floor. The passenger lift appears to have an internal dimension of 1300mm by 1400mm which is appropriate according to the DDA Premises Standards.

The architect has acknowledged the following issue, which will be implemented in future drawings:

- (i) Provide a 1550mm clearance in front of AS1735.16 compliant lift door on the ground level GSB Seminar Lecture Space suitable for wheelchair manoeuvrability (currently 1450mm).

4.5. Ramps

There are ramps within the smaller of the tiered GSB Seminar/Lecture Spaces (ground and first floor) as well as the first floor GSB Seminar/Lecture Space. There is also an external ramp on the eastern boundary of the building.

The architect has acknowledged the following issues, which will be implemented in future drawings:

- (i) All ramps need 1:14 gradient with 1200mm long landings at intervals of 9 metres.
- (ii) Provide a 1500mm clearance at the base of the ramp on the ground level GSB Seminar/Lecture Space compliant with AS1428.1:2009 (currently 900mm).
- (iii) Provide a 1500mm clearance at the top of the ramp on the first level GSB Seminar/Lecture Space compliant with AS1428.1:2009 (currently 900mm).
- (iv) Ensure there are handrails on both sides all ramps with 1200mm clearance between handrails with 180° returns at ends or fully to end post or side wall compliant with the UTS Access Policy.

4.6. Internal Stairs

There is a stair located at the main entrance which provides access up to first floor. There are additional stairs throughout the development.

The architect has acknowledged the following issues, which will be implemented in future drawings:

- (i) Ensure all stairs have closed risers in accordance with AS1428.1:2009 and the UTS Access Policy.
- (ii) Ensure there are handrails on both sides of all internal stairs and within tiered GSB Seminar/Lecture Spaces (ground floor and 1st floor) compliant with AS1428.1:2009 and the UTS Access Policy. Ensure 1200mm clearance between handrails with 180° returns at ends or fully to end post or side wall compliant with the UTS Access Policy.

- (iii) Ensure there are tactile ground surface indicators (TGSIs) at top and bottom of all internal stairs and steps within GSB Seminar/Lecture Spaces in accordance with AS1428.4.
- (iv) All internal stairs and steps within tiered GSB Seminar Lecture Spaces (ground floor and 1st floor) require step nosings with contrast of 50mm – 75mm compliant with AS1428.1:2009.

4.7. Roof Decks

There are 3 Roof Decks and a Student Roof Deck located on the 6th floor of the building. These areas are accessed via dual-hinged doors with 850mm clear widths and appropriate circulation on either side of the doors compliant with AS1428.1:2009 and the City of Sydney Access DCP.

The architect has acknowledged the following issue, which will be implemented in future drawings:

- (i) Ensure an accessible path of travel to roof decks on the 6th floor in accordance with AS1428.1:2009 and the DDA Premises Standards.

5. AMENITIES AND FACILITIES

5.1. Auditoriums

There are 4 auditoriums within the Dr Chau Chak Wing building – 2 on the ground floor and 2 on the first floor.

There are 6 wheelchair seating spaces within the larger GSB Seminar/Lecture Space on the ground floor and 3 wheelchair seating spaces in the GSB Seminar/Lecture Space on the first floor compliant with the DDA Premises Standards. Each of the smaller GSB Seminar/Lecture Spaces has 3 wheelchair seating spaces compliant with the DDA Premises Standards.

On the ground level, the accessible path of travel to the GSB Seminar Lecture space front row accessible wheelchair spaces is via the lift (refer to Section 4.4). From the lift, there is a hinged door with 850mm clear width. On the first floor, the continuous accessible path of travel is via 1:14 ramps. There is a door with an 850mm clear width. Both doors will require modification to ensure a 510mm latch side clearance compliant with AS1428.1:2009 and the DDA Premises Standards.

There is an accessible path of travel from main entry doors to the wheelchair seating spaces within the smaller GSB Seminar/Lecture Spaces.

The architect has acknowledged the following issues which will be implemented in future drawings:

- (i) Ensure the accessible seating area has 2450mm depth by min. 800mm wide in accordance with AS1428.1:2009. Consider removable chairs that can be replaced when the need arises.

5.2. Computer Laboratories

There are 4 computer rooms within the building: the Trading Room and the Market Research Qualitative Focus Group Space on the Ground Floor and the Post Graduate Computer Labs on the First and Second Floor.

There is a appropriate continuous path of travel to each of the rooms via the passenger lifts from the ground floor lift lobby in accordance with AS1428.1:2009 and the UTS Access Policy. There is suitable circulation at computer desks to allow use by a person in a wheelchair in accordance with the UTS Access Policy.

5.3. Kitchenettes/Utility Areas

There are kitchenettes and utility areas from 3rd-10th levels which serve the staff and students within the building.

The utility areas are located along the secondary paths of travel within the building. In general, there are appropriate clearances at benches suitable for a person in a wheelchair in accordance to the UTS Access Policy and the DDA Premises Standards.

The coffee bar areas are located adjacent to the passenger lifts appropriate for persons in a wheelchair. There is, in general, appropriate circulation at the coffee bar suitable for a person in a wheelchair.

Kitchenette areas have appropriate clearances at doorways which allow a continuous path of travel to the facilities. Modifications are required to ensure appropriate clearance between kitchen benches.

The architect has acknowledged the following issue, which will be implemented in future drawings:

- (i) Provide 1550mm diameter in front of utility (3rd, 4th, 5th and 8th floor), coffee bar benches (4th, 5th, 7th and 8th floor) as well as the work room kitchenette (3rd floor).

5.4. Café

There is a café located on the ground floor of the development. There is a continuous accessible path of travel from the pedestrian footpath near Omnibus Lane and Mary Ann Street to the café compliant with the DDA Premises Standards and the City of Sydney Access DCP. Entry into the café area is via a dual-hinged entry door with an 850mm clear width, suitable in accordance with AS1428.1:2009 and the UTS Access Policy.

There are appropriate circulation areas suitable for a person in a wheelchair to turn 180° and for two wheelchair users to pass one another in accordance with the DDA Premises Standards and the UTS Access Policy.

There is an appropriate path of travel and clearance in front of the kitchen servery area suitable for a person in a wheelchair in accordance with AS1428.1:2009.

The architect has acknowledged the following issue, which will be implemented in future drawings:

- (i) Ensure servery has a counter suitable for a person in a wheelchair with a minimum length of 1000mm compliant with the UTS Access Policy.

6. SANITARY FACILITIES

6.1. Accessible Toilets

There are 10 accessible toilets within the Dr Chau Chak Wing building located adjacent to the lift lobby area. There are appropriate paths of travel to the accessible toilets compliant with AS1428.1:2009 and the City of Sydney Access DCP.

Ground floor

There are two accessible toilets on the ground floor – one male and one female amenity, located adjacent to the lift core. There are appropriate paths of travel to the toilet doors. The doors appear to have a clear width of 850mm with a 160mm latch side clearance. The accessible toilets have internal dimensions of 2300mm x 2300mm suitable for an AS1428.1:2009 compliant accessible toilet.

First floor

There are two unisex W.C. facilities located on the first floor. The first one is located adjacent the GSB Seminar Room and the other adjacent the AV room of the GSB Seminar Lecture Space. There is a continuous path of travel from the passenger lifts to the accessible toilets compliant with AS1428.1:2009.

Both accessible toilets have inward swinging hinged doors with 850mm clear width compliant with AS1428.1:2009, clause 13.2. The second accessible toilet has a 340mm external latch side clearance inappropriate in accordance with AS128.1:2009, clause 13.3. The first WC had internal dimensions of 1840mm x 3210mm which will need to be enlarged to ensure a 1900mm x 2300mm clearance around the pan. The second accessible WC has internal dimensions of 2700mm x 2960mm appropriate for an AS1428.1:2009 compliant toilet.

Second floor

The accessible toilet is located adjacent to the GSB Group Work Room which has a continuous path of travel from the passenger lifts. The door appears to have a door leaf with 920mm with appropriate clearances and circulation at the door in accordance with AS1428.1:2009. The accessible toilet has dimensions of 1600mm x 2700mm which will require modification to allow the design of an AS1428.1:2009 appropriate sanitary facility.

Third floor

The unisex accessible toilet is located adjacent to the male facilities. The door has appropriate clearances and circulation compliant with AS1428.1:2009. The accessible toilet has internal dimensions of 2000mm x 2900mm suitable in accordance with AS1428.1:2009 and the City of Sydney Access DCP.

Fourth floor

The accessible toilet is located adjacent to the offices which has a continuous path of travel from all areas on this level. There are appropriate clearances around the door suitable to AS1428.1:2009. The internal dimensions of 2340mm x 2620mm allow for an AS1428.1:2009 compliance accessible toilet and the City of Sydney Access DCP.

Fifth floor

The accessible toilet is located adjacent to the offices which has a continuous path of travel from all areas on this level. There are appropriate clearances around the door suitable to AS1428.1:2009. The internal dimensions of 2340mm x 2620mm allow for an AS1428.1:2009 compliance accessible toilet and the City of Sydney Access DCP.

Sixth floor

There is a continuous accessible path of travel from all areas on this level to the accessible toilet located next to the utility area. The accessible toilet has appropriate door clearances and circulation compliant with AS1428.1:2009. The accessible toilet has internal dimensions of 2030mm x 3050mm suitable in accordance with AS1428.1:2009 and the City of Sydney Access DCP.

Seventh floor

From the passenger lift lobby area, there is an accessible path of travel to the accessible WC located adjacent the TSG room. The accessible toilet has an 850mm door with appropriate circulation on the internal and external leaf of the door compliant with AS1428.1:2009, clause 13.3. Modifications are required to enlarge the accessible WC which has internal dimensions of 1645mm x 2355mm to ensure appropriate circulation within the toilet.

Eighth floor

The accessible toilet is located adjacent to the passenger lifts and is accessible from all areas on this level. The unisex toilet has a clear door width of 820mm (870mm door leaf). The door has a latch side clearance of 665mm compliant with AS1428.1:2009. The internal dimensions of 2170mm x 3825mm allow for an AS1428.1:2009 compliance accessible toilet and the City of Sydney Access DCP.

Ninth floor

The accessible toilet is located adjacent to the passenger lifts and is accessible from all areas on this level. There are suitable clearances around the door with appropriate circulation compliant with AS1428.1:2009. The internal dimensions of 2160mm x 3400mm are suitable for an AS1428.1:2009 compliant accessible toilet and the City of Sydney Access DCP.

Tenth floor

There is a unisex accessible toilet located adjacent to the passenger lifts which is accessible by wheelchair from all areas of this level. The entry door into the accessible toilet has appropriate clearance of 850mm, with a 1200mm latch side clearance that will require modification. The accessible toilet has appropriate internal dimensions of 2000mm x 3800mm suitable in accordance with AS1428.1:2009 and the City of Sydney Access DCP.

The architect has acknowledged the following issues, which will be implemented in future drawings:

- (i) Ensure Ground, 1st, 8th and 10th floor accessible toilets have a latch side clearance of 510mm whilst maintaining a clear width of 850mm compliant with AS1428.1:2009 and the DDA Premises Standards.
- (ii) Accessible toilets on the 1st, 2nd and 7th floor will need to be enlarged to be compliant with AS1428.1:2009. Ensure both accessible toilets have a 2300mm x 1900mm area around pan with basin to sit outside the area. The basin may encroach by up to 100mm.
- (iii) Provide appropriate directional signage to accessible toilets compliant with AS1428.1:2009.

6.2. Accessible Showers

There are male and female toilet and shower facilities located in the basement level of the Dr Chau Chak Wing building.

From the lift lobby area, there is an accessible path of travel to the hinged entry door with an 850mm clear width compliant with AS1428.1:2009, clause 13.2 and the DDA Premises Standards. The door has a 620mm latch side clearance and circulation compliant with AS1428.1:2009, clause 13.3.

From the airlock area, there is a direct accessible path of travel to the accessible shower which has an 850mm clear width door and appropriate circulation compliant with the UTS Access guidelines and the City of Sydney Access DCP.

The accessible shower has an appropriate internal dimension of 2500mm x 2700mm compliant with the circulation requirements of AS1428.1:2009.

7. MISCELLANEOUS

7.1. Car Parking

There is a basement car parking level with 28 parking spaces. An accessible car bay with 2.4 metre width adjacent a 2.4 metre shared zone has been provided in accordance with AS2890.6 and the UTS Access Policy.

The accessible car bay is located adjacent to the passenger lift lobby located in the basement level of the development which forms part of the continuous path of travel to all levels within the building compliant with the City of Sydney Access DCP. There is an accessible path of travel to the dual-hinged entry doors to the lift lobby area. The larger door leaf has a clear width of 900mm compliant with the DDA Premises Standards.

There is a continuous accessible path of travel from the doorway entry to the passenger lift compliant with AS1428.1:2009 and the UTS Access Policy.

The architect has acknowledged the following issue, which will be implemented in future drawings:

- (i) Provide a bollard at the start the shared zone adjacent to the accessible car bay.

7.2. Lighting

In accordance with the UTS Access Policy, lighting levels are to comply with AS1428.2 and will be analysed during the design development stage.

In general the maintenance illumination levels should be 150 lux for paths of travel, corridors and stairs. Ensure all lighting levels comply with AS1680.

7.3. Signage

Way finding and identification Signage to comply with AS1428.1 requirements compliant with the UTS Access Policy and the DDA Premises Standards and will be analysed during the design development stage.

7.4. Hearing Systems

Hearing systems are to be provided where an inbuilt amplification system is installed to assist hearing-impaired people are to comply with AS1428.1 compliant with the UTS Access Policy. These areas are to be signed in accordance with AS1428.1. All floor, wall and ceiling finishes are to be selected to minimise reverberation.

Hearing systems will be analysed during the design development stage.

7.5. Furniture and Fitments

All furniture and fitments are to comply with AS1428.2 and the UTS Access Policy to ensure equitable access to facilities. Where drinking fountains, vending machines, ATMs and telephones are provided, compliance with AS1428.2 is required and will be analysed during the design development stage.

7.6. Controls

All controls are to comply with AS1428.1 and UTS Access Policy.

These issues will be analysed during the design development stage.