DEPARTMENT OF EDUCATION

ARTHUR PHILLIP HIGH SCHOOL

AND

PARRAMATTA PUBLIC SCHOOL

ACCESS REVIEW

Morris Goding Accessibility Consulting

SCHEMATIC DESIGN (AC-SD-03)

21st March 2016

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REPORT REVISIONS		
Date	**Version**	**Drawing No / Revision**
15.03.16	70 % Schematic Design (AC-SD-01)	Project No: 15091 A02-1001, A03-1002_ A03-1012 Grimshaw Architects, BVN Architecture, Issued 4th March 2016
18.03.16	Schematic Design (AC-SD-02)	Aconex Transmittal 000005, BVN Architects, Issued 14.03.2016
21.03.16	Schematic Design (AC-SD-03)	Aconex Transmittal 000005, BVN Architects, Issued 14.03.2016

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1. EXECUTIVE SUMMARY

The Access Review Report is a key element in the design development of Arthur Phillip High School and Parramatta Public School and is an appropriate response to AS1428 series, Building Code of Australia (BCA), and ultimately the Commonwealth Disability Discrimination Act (DDA).

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

The Schematic Design has been reviewed to ensure that ingress and egress, paths of travel, circulation areas and sanitary facilities comply with relevant statutory guidelines.

In general, the development has accessible paths of travel that are continuous throughout. In line with the report's recommendations, the proposed development has demonstrated an appropriate degree of accessibility. The Schematic Design drawings indicate that compliance with statutory requirements can be readily achieved. The recommendations in this report are associated with detailed design and are achievable. The main recommendations that have arisen from the access review include:

(i) At the Primary Entrances, car drop-off zones provide a kerb ramp between road level and footpath level, to provide a step free path of travel, in accordance with AS1428.1:2009.

(ii) On the perimeter walkway internally of the APHS ensure there is a passing space (1800mm x 2000mm) at max., 20M intervals where a direct line of sight is not available, compliant with BCA2015 and AS1428.1; 2009.

(iii) Within the PPS ensure circulation spaces at stair, ramps and bridge junctions, to avoid congestion, provide a 1540 x 2070mm landing free of handrail extensions, garden beds etc., to increase safety at end of bridges and top and bottom of any ramps.

(iv) Where fixed tiered seating is proposed provide a wheelchair seating space of min., 800mm x 1250mm, compliant with AS1428.1:2009.

(v) Within learning spaces of the APHS where there are stairs provided to upper seminar rooms/learning spaces (located on a mezzanine level), locate this type of learning space in close proximity to the western lifts for equitable/inclusive access (i.e. to minimise travel distance and identify alternate accessible path of travel).

(vi) In any auditorium or meeting room (Class 9b building) if an inbuilt amplification system is installed the provision of hearing augmentation is required, compliant with DDA Premises Standards and BCA2015 D3.7.

(vii) To plan for a future ambulant facility, the cubicle is to be a min., 900-920mm in width with a clear space (900 x 900) in front of the pan and doorway (free of the basin and door swing). Note any basin provided within the facility is to be outside the path of travel to the pan.

(viii) Within the PPS external domain any walkways with gradients between 1:20 and 1:33 are to have landings at intervals that shall be obtained by linear interpolation,

compliant with AS1428.1. A walkway of 1:25 gradient is to have a landing at every 18.85M.

(ix) Any accessible car spaces provided are to be 2.4m x 5.4m length with shared zone of the same dimensions (bollard protected) as required by AS2890.6 and to be provided at the rate to satisfy BCA 2015, D3.5 (1 accessible space/100 spaces).

(x) If providing a parallel car space in drop off zones (3.2M x 7.8M) to enable rear unloading of wheelchairs, locate this zone adjacent to the kerb ramp and ensure the area is of 1:40 gradient or 1:33 if bituminous seal, as recommended by AS2890.6. (Advisory-Best Practice)

2. INTRODUCTION

2.1. General

The Department of Education has engaged Morris Goding Accessibility Consulting to provide design review of the proposed educational development located at Macquarie Street, Parramatta. The development is otherwise known as Arthur Phillip High School and Parramatta Public School.

The requirements of the investigation are to:

- Review supplied Schematic Design drawings of the proposed development prepared by Grimshaw Architects and BVN Architecture.
- Provide a report that will analyse the provisions of disability design of the development, and
- Recommend solutions to ensure the design complies with the Disability Discrimination Act (DDA), Building Code of Australia (BCA) and AS1428 series.

2.2. Objectives

This report considers user groups such as students, teachers, parents and the general public as 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. Limitations

This report is limited to the accessibility provisions of the building in general. It does not provide comment on detailed design issues, such as: internals of accessible/ambulant toilet, fit-out, lift specification, slip resistant floor finishes, door schedules, hardware and controls, glazing, luminance contrast, stair nosing, TGSI's, handrail design, signage, hearing augmentation etc. that will be included in construction documentation.

2.4. Statutory Requirements

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

- AS 1428.1:2009 - (Design for Access and Mobility)
- AS 1735.12:1999 - (Lifts, Escalators, & Moving Walks)
- AS2890.6:2009 Parking Facilities.
- BCA - Building Code of Australia 2015
- DDA Premises Standards 2010 (DDA Access Code)
- DDA - Disability Discrimination Act

3. BUILDING INGRESS & EGRESS ARTHUR PHILLIP HIGH SCHOOL

3.1. External Linkage - Arthur Phillip High School (APHS)

Arthur Phillip High School is located at 171-177 Macquarie Street in the CBD of Parramatta. From the information provided, the footpaths of the western end of Macquarie Street is traversable by people using a wheelchair, the eastern portion of Macquarie Street (intersection of Charles Street) is steeper.

The Primary Entrance to the Arthur Phillip High School is from Macquarie Street, Lower Ground level via the vehicular entry road (drop off only) and associated pedestrian footpaths. Review is required to provide a step free path of travel from the road to the Primary Entrance doors.

At the site boundary there are two alternate entry points (additional to the Primary Entrance) to Arthur Phillip High School. There are accessible paths of travel from the western gates off Barrack Lane. There are gates with stairs off Macquarie Street, this entry point is inaccessible and is not required to be accessible as an accessible entrance (gates leading to Primary Entrance) is within 50M.

It is possible to provide an external accessible link from the pedestrian footpath networks to greater than 50% of all pedestrian entrances including the Primary Entrance for people with disabilities in accordance with AS1428.1 and DDA Premises Standards.

Recommendation:

(i) At the Primary Entrance provide a kerb ramp between road level and footpath level, to provide a step free path of travel, in accordance with AS1428.1:2009.

3.2. External Linkage - Parramatta Public School (PPS)

Parramatta Public School is located at 102-116 Macquarie Street in the CBD of Parramatta, opposite the Arthur Phillip High School. Adjoining streets are Charles Street and Little Street. The car drop off area is in Little Street, an accessible path of travel can be achieved from the car drop off (boundary) to the Primary Entrances located on Charles Street via the pedestrian footpath network of Charles and Little Streets. Review is required to provide a step free path of travel from the road to the Primary Entrance doors.

The hinged entry doors off Charles Street into the courtyard are large providing a compliant path of travel. It is presumed these doors will be automatically operated, pivot and or easily operable for young people and people with a disability.

At the site boundary there are three alternate entry points (additional to the Primary Entrances on Charles Street) to Parramatta Public School. These are located on Macquarie Street (entrance to the Heritage Building) and gates on the western and northern property boundary. The pedestrian entrance to the Heritage Building is via a set of stairs, adjacent, a lift is provided achieving an accessible path of travel to and within the Heritage Building.

It is possible to provide an external accessible link from the pedestrian footpath networks to the pedestrian entrances including the Primary Entrance for people with disabilities in accordance with AS1428.1 and DDA Premises Standards.

Recommendation:

(i) At the car drop off area in Little Street provide a kerb ramp between road level and footpath level, to provide a step free path of travel, in accordance with AS1428.1:2009.

3.3. Emergency Egress - Arthur Phillip High School and Parramatta Public School

Within Arthur Phillip High School, there are two sets of fire isolated stairs (will not be used as communication stairs). The fire-isolated stairs connect all upper levels of the tower to exit points at Lower Ground level. The unassisted accessible points of egress from the High School are from the Lower Ground Primary Entrance and Ground Floor Secondary Entrance.

The Parramatta Public School has no fire isolated stairs. Egress is via paths of travel to and through the courtyard and the external canopy spaces. The unassisted accessible points of egress from the Public School are from the Ground and Level 1 external linkages. Within the Heritage Building there is a stair for egress; review is required for these stairs to be fully compliant with AS1428.1:2009.

Consider sizing fire doors to achieve clear opening width of 850mm as this is sufficient width to provide assistance for a person using a wheelchair to move into the stair wells in the case of an emergency. (Advisory) Any stairs/ramps/walkways that are non-fire isolated and on an egress route will be required to comply with AS1428.1:2009.

Recommendations:

(i) Provide at least one accessible continuous handrail within all fire-isolated stairs compliant with AS1428.1:2009. This requires a handrail at a constant height which can be achieved by off-setting treads and/or extending width of the landing, achieving compliance with BCA 2015 part D2.17.

(ii) Ensure that all stair treads/nosing and stair landings on required egress routes are slip resistant in accordance with BCA 2015 Table D2.14 (AS4586:2013).

(iii) Consideration to provide 850mm clear width doors to fire stairs (Advisory).

3.4. Advisory Emergency Egress - APHS and PPS

For the APHS consideration to provide at least one fire-isolated passenger lift for egress purposes for people with mobility issues in line with BCA performance requirements from the upper school building levels to the ground floor exit point. For this situation the lift lobby area would also require a suitable level of fire and smoke protection to ensure a safe waiting area for the lifts to arrive.

The management of the schools are advised to consider preparing a documented emergency management plan which would include the use of a fire warden, to identify strategies to facilitate emergency egress for people with disabilities.

Consideration for the emergency system to include audible and visual warning indicators to assist people with sensory disabilities. (Advisory)

4. PATHS OF TRAVEL_ ARTHUR PHILLIP HIGH SCHOOL

4.1. General

There are 17 levels of the proposed High School including the mezzanine floor levels. The paths of travel from the Primary Entrance to all upper floor levels are accessible via the passenger lifts, in accordance with the DDA and AS1428.1:2009.

At the Primary Entrance (eastern elevation), a path of travel is achieved to the lifts located on the western side of the tower. The lift is not located adjacent to the Primary Entrance doors however from the entrance doors a clear line of sight to the lift doors is achieved from the Parent and Community Entrance. Openings in the wall between grid reference points 2D and 4D provides a visual connection between the Student Entrance and the lifts.

Outside the lift on each floor there is sufficient area to enable a wheelchair passing space (1800 x 2000mm), compliant with AS1428.1:2009.

The main path of travel on each level is via circulation spaces located around the perimeter of the tower, generally, this provides a passing and turning space and sufficient door circulation outside of learning space entrances, sanitary facilities and any common-use facilities located on each level compliant with AS1428.1:2009 and BCA 2015 part D3.3 (c). The 1800mm width is to be achieved every 20M where a direct line of sight is not achieved (obscured by learning space walls) to be compliant with BCA 2015 part D3.3 (c). Review is required of the width of the perimeter walkway to be compliant with BCA2015.

There are communication stairs to access all floors (including the mezzanine levels); they are located on the western elevation (adjacent to the lifts) and the eastern elevation. Any communication stairs will be required to be AS1428.1:2009 compliant. Adjacent to any stair provided best practise is to provide an accessible path of travel, consideration to provide lift access adjacent to the eastern stairs for equitable access. (Best practise - Advisory).

Recommendations:

(i) On the perimeter walkway of the APHS ensure there is a passing space (1800mm x 2000mm) at max., 20M intervals where a direct line of sight is not available, compliant with BCA2015 and AS1428.1; 2009.

(ii) A minimum path of travel of 1M is to be provided within the security zones, compliant with AS1428.1.

(iii) Handrails to communication stairs are to be of a continuous height provided both sides of the stair, of a minimum spacing of 1M apart and to have handrail extensions top and bottom of stairs, compliant with AS1428.1:2009.

(iv) Consideration to provide a lift adjacent to the eastern communication stairs for equitable access. (Best Practise – Advisory)

4.2. Lifts

The lifts servicing all levels will provide an accessible and continuous path of travel to and from the lift lobby to all levels, in accordance with the DDA Premises Standards and AS1428.1:2009.

The lifts are required to satisfy AS1735.12 and the DDA Premises Standards; the internal dimensions meet the minimum 1400mm width x1600mm depth and the door achieves 900mm clear opening width, compliant with AS1735.12.

Recommendations:

(i) Lift lobby call button and arrival indicators to comply with AS1735.12.

(ii) Lift car components (grab rail, control buttons, lighting) to comply with AS1735.12.

5. PATHS OF TRAVEL_ PARRAMATTA PRIMARY SCHOOL

5.1. General

The paths of travel throughout the Primary School are via a lift that serves each level, stairs located on each side of the courtyard, a bridge that spans the courtyard providing a link/shortcut between north and south side of the school and an external canopy/veranda wrapping around the school on each level. The paths of travel from the Primary Entrance (Ground) to all upper levels (including the trafficable roof) are accessible via the passenger lift, in accordance with the DDA and AS1428.1:2009. The lift is not located within the entry lobby, however located centrally within the courtyard. Review is required to provide signage at the entrance to provide directions to the lift.

Outside the lift on each floor there is sufficient area to enable a wheelchair passing space (1800 x 2000mm), compliant with AS1428.1:2009.

The main path of travel on each level is via the canopy/veranda wrapping around the courtyard. The canopy/veranda space achieves 1800mm min., width providing a passing, turning and sufficient door circulation outside of learning space entrances, sanitary facilities and any common-use facilities located within the canopy/veranda compliant with AS1428.1:2009 and BCA 2015 part D3.3 (c).

There are communication stairs provided to each side of the courtyard to access all floors, they are adjacent to the lift and the bridge connecting both sides of the school. Any communication stairs will be required to be AS1428.1:2009 and BCA 2015 D2.17 compliant.

The bridge/walkway is wide enough to achieve a wheelchair turning space 1540 x 2070mm anywhere on the length of the bridge. At the centre of the bridge there is a turning area around a column with a minimum path of travel greater than 1500mm which is achievable for a wheelchair user to turn on a curved path. Review is required of the circulation spaces at entry points onto the bridge.

Recommendations:

(i) Consideration to provide directional signage at the main entry to clearly indicate the accessible path of travel to the lift within the courtyard. Signage to be in compliance with AS1428.1:2209 and the DDA Premises Standards.

(ii) In a primary school dual handrails are required and to have handrail extensions top and bottom of stairs, compliant with AS1428.1:2009, compliant with BCA 2015 D2.17.

(iii) To avoid congestion at the stair and bridge junctions, ensure a clear 1540 x 2070mm landing free of handrail extensions, to increase safety.

5.2. Lift Access

The lift servicing all levels will provide an accessible and continuous path of travel to and from all levels, in accordance with the DDA Premises Standards and AS1428.1:2009.

The lift is required to satisfy AS1735.12 and the DDA Premises Standards. The lift car should provide the internal dimensions of the minimum 1400mm width x1600mm depth and the door is to achieve the minimum 900mm clear opening width, compliant with AS1735.12.

Recommendations:

(i) Ensure the passenger lift has a minimum 1400mm width x1600mm depth clear internal dimensions, with a min 900mm clear opening door, compliant with the DDA Premises Standards.

(ii) Lift lobby call button and arrival indicators to comply with AS1735.12.

(iii) Lift car components (grab rail, control buttons, lighting) to comply with AS1735.12.

6. COMMON FACILITIES_ ARTHUR PHILLIP HIGH SCHOOL

6.1. Studios/Group Learning Spaces

The planning of the Arthur Phillip High School includes several types of general learning spaces. A level of spatial flexibility is built into the learning spaces, being open planned, loose furniture and privacy screens within spaces to create more intimate learning areas. Generally within the learning spaces and with furniture placement a min path of travel of 1M, door circulation (1450mm) and a turning area of 1540 x 2070mm within a closed room, is to be maintained. This is achievable.

There are learning spaces e.g. Staff study, library, general learning spaces where tiered fixed seating is proposed, review is required to provide a free area for a wheelchair seating space within the fixed seating composition. There are general learning spaces with tiered seating and a stair to seminar rooms over. Review is required of this type of learning configuration to be equitable for people using wheelchairs.

The entry doors to general learning areas are double leafed hinged doors and or sliding/operable walls. Review is required of the entry doors to achieve compliant opening width (currently 2 x 720mm leaf).

There are external learning spaces provided; it is presumed that the wall between internal and external learning spaces is operable; a leaf of the operable wall can achieve a clear opening width of 850mm and the threshold to be hob less.

Recommendations:

(i) Where fixed tiered seating is proposed provide a wheelchair seating space of min., 800mm x 1250mm, compliant with AS1428.1:2009.

(ii) In any entry door configuration ensure a 1 leaf achieves a clear opening width of 850mm (920 door leaf), compliant with AS1428.1:2009; 510mm latch side clearance (door opening away from user and 530mm latch side clearance door opening towards user.

(iii) Where fixed tiered seating is proposed provide a wheelchair seating space of min., 800mm x 1250mm, compliant with AS1428.1:2009.

(iv) Within learning spaces where there are stairs provided to upper seminar rooms/learning spaces (located on a mezzanine level), locate this type of learning space in close proximity to the western lifts for equitable/inclusive access (i.e. to minimise travel distance and identify alternate accessible path of travel).

(v) A flush floor finish is required between rooms of different uses; provide continuous wheelchair access (step free) to external learning spaces/ wet areas.

6.2. Amphitheatre-Exhibition Space

The Primary Entrance includes an amphitheatre exhibition space; this connects the Lower Ground Floor and the Ground Floor. A wheelchair user can participate at Lower Ground Floor and the Ground Floor levels. The tiered seating areas are separated by level areas; providing three areas which are not accessible for wheelchair users. There is 5 ‘Maker Spaces’ on the southern end of the amphitheatre exhibition space accessed by the level areas within the amphitheatre. An accessible path of travel can be achieved to 3 of the 5 ‘Maker Spaces’ available.

6.3. Gymnasium/Performance Space

From the property boundary there are two accessible entrances to the Gymnasium/Performance Space, from Barrack Lane located on the site boundary. Review is required for the ramp/walkway to be compliant with AS1428.1:2009.

From the Primary Entrance (eastern boundary) there is a path of travel to the Gymnasium/Performance Space via the lifts. At times the Gymnasium/Performance Space will operate outside of hours the Barrack Lane entrances will be the accessible path of entry to this facility.

Generally the paths of travel within the Gymnasium/Performance Space are compliant with AS1428.1:2009. There is ramped access to the stage in close proximity to the stairs provided. Review is required for the ramp to be compliant with AS1428.1:2009.

Within the Gymnasium/Performance Space there are banks of male and female WC/Showers/Change Rooms, adjacent are male and female accessible facilities, in accordance with BCA2015.

Externally of the Gym there is a canteen and banks of unisex WC's including an accessible WC. See recommendations below, Item 6.4.

Recommendations:

(i) Ensure any walkway/ramps have maximum gradient of 1:20 with landings at intervals of 15M (walkway), or maximum gradient of 1:14 with landings at 9M (ramp) intervals, compliant with AS1428.1.

(ii) In any auditorium or meeting room (Class 9b Building) if an inbuilt amplification system is installed the provision of hearing augmentation is required, compliant with DDA Premises Standards and BCA2015 D3.7.

6.4. Sanitary Facilities

Throughout the levels of the High School there are groupings of unisex sanitary facilities provided and banks of male and female facilities. Within the tower building the sanitary facilities are accessed from the circulation spaces at the perimeter.

Review is required to provide accessible facilities to meet BCA2015 F2.3 and the following recommendations.

Recommendations:

(i) The accessible WC and shower compartment is to have the min., dimensions of 2350 x 2750mm, including the basin, compliant with AS1428.1:2009. This is achieved.

(ii) Ensure the accessible WC has the circulation of 1900 x 2300mm outside of the basin, compliant with AS1428.1:2009.

(iii) In lieu of providing an ambulant facility for students, the walls of a WC compartment/bank of WC's are to be strengthened to allow for the future installation of grab rails to assist people with ambulant disabilities.

(iv) To plan for a future ambulant facility, the cubicle is to be a min., 900-920mm in width with a clear space (900 x 900) in front of the pan and doorway (free of the basin and door swing). Note any basin provided within the facility is to be outside the path of travel to the pan.

7. COMMON FACILITIES_ PARRAMATTA PRIMARY SCHOOL

7.1. Multipurpose Room/Communal Space/OOSH and Canteen

The Multipurpose-Communal Space/OOSH and Canteen is located at Ground level and is accessed via the main entrances from Charles Street. There is a Tilt Up garage door/wall system provided as an alternative entrance to these facilities, adjacent are hinged accessible doorways, compliant with AS1428.1:2009.

There are sanitary facilities provided adjacent to the Canteen and the OOSH area. Review is required to reposition and or provide door circulation to the accessible WC for the OOSH and to provide an accessible and ambulant facility for the Canteen. For recommendations for sanitary facilities, refer to Item 6.4.

Recommendation:

(i) In any auditorium/multipurpose room (Class 9b Building) if an inbuilt amplification system is installed the provision of hearing augmentation is required, compliant with DDA Premises Standards, BCA 2015 D3.7.

7.2. Home Base Units - Learning Spaces

The home base units are flexible learning spaces and it includes the external canopy/veranda area in some modes. The external wall between the home base unit and veranda/canopy is a series of sliding doors. Review is required for a leaf of the sliding doors to achieve clear opening width of 850mm and the threshold to be step free.

A level of spatial flexibility is built into the learning spaces, being open planned and loose furniture. There is a withdrawal space within each Home Base Unit, with furniture placement it is possible to achieve a min., path of travel of 1M, door circulation (1450mm) and a turning area within the room of 1540 x 2070mm, if required.

Recommendation:

(i) Ensure accessible entry is provided to each Home base unit of the PPS by providing a sliding door leaf, compliant with AS1428.1:2009.

7.3. Amphitheatre

At the centre of the site is an amphitheatre for play and learning. A path of travel is to be provided in the form of 1:25 walkways, review is required to provide landings compliant with AS1428.1:2009. A walkway of 1:25 gradient is to have a landing at every 18.85M. Any paths of travel within the amphitheatre (stairs walkways) are to be defined by contrast materials and textures to define the path of travel. (Safety by Design)

Recommendation:

(i) Within the PPS external domain any walkways with gradients between 1:20 and 1:33 are to have landings at intervals that shall be obtained by linear interpolation, compliant with AS1428.1. A walkway of 1:25 gradient is to have a landing at every 18.85M.

7.4. Sanitary Facilities

Externally of the classrooms on the canopy/veranda there are sets of toilets. On each level provision is required of one accessible WC; (in line with the intent of BCA 2015

Table F2.4 (a) 1 on every storey containing sanitary compartments). The accessible compartment is to have the dimensions of 2300 x 1900mm, outside of the basin, compliant with AS1428.1:2009. This has been achieved.

In lieu of providing ambulant facilities for students, the walls of WC's compartments are to be strengthened to allow for the future installation of grab rails to assist people with ambulant disabilities. For recommendations for sanitary facilities, refer to Item 6.4.

7.5. Heritage Building

There are two levels of administration and staff rooms located in the existing Heritage Building. From the information provided there are a set of double doors to the entry. Review is required to either automate the pair of doors or to provide as a minimum 1 leaf achieving 850mm clear opening width.

Generally the hallway within the Heritage Building on both levels achieves passing and turning areas and door circulation, compliant with BCA2015 and AS1428.1:2009.

Generally all the rooms are of a size that with furniture placement a min path of travel of 1M, door circulation (1450mm) and a turning area of 1540 x 2070mm within a closed room can be maintained. The existing door openings are of a width that is compliant with AS1428.1:2009, if 850mm cannot be achieved review will be required to automate the doors.

On Level 2 there is a walkway connecting the Learning areas to the Heritage Building. Review is required to provide a compliant ramp and landing of 1540 x 2070mm outside the Heritage Building door, compliant with AS1428.1:2009.

There are WC and showers located over the two levels with accessible facilities in close proximity. For recommendations for sanitary facilities, refer to Item 6.4.

Recommendation:

(i) At the Level 2 entrance to the Heritage building, provide a 1540 x 2070mm landing between the entry door and top of ramp, compliant with AS1428.1:2009.

8. CAR PARKING

8.1. Car Parking – Arthur Phillip High School

There is staff car parking at the rear of the site, review is required to provide an accessible car space to satisfy BCA 2015, D3.5 as a minimum in the configuration of AS 2890.6.

Recommendation:

(i) Any accessible car spaces provided are to be 2.4m x 5.4m length with shared zone of the same dimensions (bollard protected) as required by AS2890.6 and to be provided at the rate to satisfy BCA 2015, D3.5 (1 accessible space/100 spaces).

8.2. Car Drop-off Zones

Both the APHS and the PPS have car drop-off zones. It is understood that these areas will be managed by the staff. Consideration to provide areas within the car drop off zones (3.2M x 7.8M) to enable rear unloading of wheelchairs, this space is not required to be marked or dedicated.(Advisory)

Recommendations:

(i) Any accessible car spaces provided are to be 2.4m x 5.4m length with shared zone of the same dimensions (bollard protected) as required by AS2890.6 and to be provided at the rate to satisfy BCA 2015, D3.5 (1 accessible space/100 spaces).

(ii) If providing a parallel car space in drop off zones (3.2M x 7.8M) to enable rear unloading of wheelchairs, locate this zone adjacent to the kerb ramp and ensure the area is of 1:40 gradient or 1:33 if bituminous seal, as recommended by AS2890.6. (Advisory-Best Practice)