Report Type: CC Access Report

Reference Number: 21267

Client: St Marys Senior Citizens

Site Address: 29 Swantston Street, St Marys NSW 2760

St Marys Senior Citizens Centre



Company Details

Vista Access Architects Pty. Ltd ABN 82 124 411 614 ARN 6940 ACAA 281, CP 006, LHA 10032

Postal Address

POBox 353 Kingswood NSW 2747

Contact details

www.accessarchitects.com.au admin@accessarchitects.com.au Farah Madon 0412 051 876

Document Set ID: 9900134 Version: 1, Version Date: 04/02/2022

Executive Summary and Design compliance statement

This Access Compliance Report is to accompany a DA/CC Application for the development proposed at 29 Swanston Street, St Marys for St Marys Senior Citizens Centre

This development proposes Additions and Alterations to an Existing building. The development is within Penrith Council LGA.

The development has building classification as detailed below;

- Class 9b (assembly building, school)

This report is based on the relevant components of;

- Building Code of Australia (BCA) 2019, Volume 1- Performance requirements of DP1, DP2, DP8, DP9, , FP2.1 and Parts D2, D3 and F2 (where applicable)
- Disability (Access to Premises-Building) Standards 2010 (henceforth referred to as APS)
- AS1428.1-2009 Part 1: General requirements for access, including any amendments

This assessment has been undertaken to the extent necessary to issue a CC (Construction Certificate) under the Environmental Planning and Assessment Act. Where there is insufficient information provided to make a full assessment, the assessment has been provided in regard to the capability of the proposal to achieve compliance.

By compliance with the recommendation in this report, the development complies with the requirements of Access Code of Disability (Access to Premises-Building) Standards 2010, and the Disability Access relevant sections of Building Code of Australia 2019.

The information contained in this statement is true and accurate to the best of our knowledge. Our qualifications and accreditations are listed below.

Assessed by



Accredited Access Consultant and LHA Assessor ACAA Accredited Membership number 500 Qualified- Certificate IV in Access Consulting LHA Assessor Licence number 20035

Vista Access Architects Pty. Ltd.

Peer reviewed by



Farah Madon

Accredited Access Consultant and LHA Assessor ACAA Accredited Membership number 281 Qualified- Diploma in Access Consulting LHA Assessor Licence number 10032

Relevant dates:

Fee proposal, number FP-21191dated 10-07-2021. Fee proposal was accepted by Client on 27-07-2021

Assessed Drawings:

The following drawings have been assessed for compliance:

Drawing no	Issue	Date	Details
A240	Α	07-01-2022	Floor plan proposed
A730	A	07-01-2022	Kitchenette 2
A740	А	07-01-2022	Room Male toilet 1
A741	А	07-01-2022	Room Male toilet 2
A750	Α	07-01-2022	Room Female toilet 1
A751	А	07-01-2022	Room Female toilet 2
A770	А	07-01-2022	Room Toilet Access
A250	А	07-01-2022	Circulation plan
A005	Α	07-01-2022	Access Specifications noted on this plan

Document Issue:

Issue	Date	Details
Draft 1	06-08-2021	Issued for Architect's review
A	20-02-2022	Issued for DA/CC
В	20-02-2022	Issued for DA/CC

Limitations and Copyright information:

This report is based on discussions with the project architect and a review of drawings and other relevant documentation provided to us. No site visit was undertaken for the purposes of this project.

This assessment is based on the provided drawings and not based on constructed works, hence the assessment will provide assurance of compliance only if all the recommendations as listed in this report are complied with and constructed in accordance with the requirements of the current BCA, AS1428.1-2009 and other latest, relevant standards and regulations applicable at the time of construction.

Assessment is based on classification/use of the building. If the Class of the building changes to any other building Class, this access report will have to be updated accordingly.

Unless stated otherwise, all dimensions mentioned in the report are net (CLEAR) dimensions and are not be reduced by projecting skirting, kerbs, handrails, lights, fire safety equipment, door handles less than 900mm above FFL (finished floor level) or any other fixtures/fit out elements. When we check drawings, we assume that the dimensions noted are CLEAR dimensions and therefore the Architect / Builder shall allow for construction tolerances.

Only some numerical requirements from relevant AS (Australian Standards) have been noted in the report and for further details and for construction purposes refer to the latest relevant AS.

This report and all its contents including diagrams are a copyright of Vista Access Architects Pty Ltd (VAA) and can only be used for the purposes of this particular project. Copy- pasting diagrams from this report to Architectural plans will constitute copyright infringement.

This report is does not assess compliance matters related to WHS, Structural design, Services design, Parts of DDA other than those related to APS or Parts of BCA or Parts of AS other than those directly referenced in this report. VAA gives no warranty or guarantee that this report is correct or complete and will not be liable for any loss arising from the use of this report. We will use our best judgement in regard to the LHA assessments. However, we are not to be held responsible if another licenced LHA assessor comes to a different conclusion about compliance, certification or allocation of a particular Quality mark to us as a number of items are subject to interpretation.

We have no ability to check for slip resistance of surfaces. All wet areas, parking areas, pavement markings shall have the appropriate slip resistance for the location. We also have no ability to check for wall reinforcements once the walls have already been constructed. The builder shall take full responsibility that the requirements listed in this report are met and the construction and slip resistance shall be as per requirements of AS1428.1/ AS4299 / AS2890.6/ AS3661/ AS4586 and any other applicable regulation and Australian Standard.

Version: 1, Version Date: 04/02/2022

Compliance assessment with Disability (Access to Premises-Building) Standards 2010 (APS) for Existing Buildings

Affected part upgrades

Requirement

- In general, APS covers new building work to existing buildings, such as an extension or an upgrade.
- APS only applies to the part of the building that is the subject of the building approval application (i.e. new and modified works) and the 'affected part' of works.
- Application of the APS to the new work in an existing building does not trigger the need to upgrade the whole building or parts of the building outside the new work that is subject to the building approval application.
- The definition of 'affected part' of a building is limited to the area between (and including) the principal pedestrian entrance and the new work, but does not extend from the entrance to the allotment boundary or any required carparking spaces. It also does not extend to any toilet facilities or other rooms adjacent to the pathway between the principal pedestrian entrance and the area of the new work.
- When the 'affected part' is triggered it does not require access upgrades to any step or stairway adjacent to a continuous accessible path of travel.
- Where an access barrier, such as a step, is located at the threshold of a principal pedestrian entrance the 'affected part' upgrade would require the removal of the step.

Compliance Comments

Complies

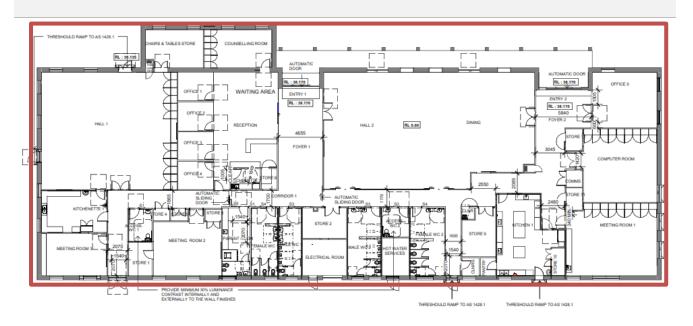
As stated in the above requirements, APS only applies to,

- New works.
- Modified works and
- Works within the 'affected part'

In this development, the new works, modified works and works within the 'affected part' have been shown by the existing floor plans layout and the proposed floor plan as details below to include:

(a) A complete re fit to the internal layout of the building.

No external works such as car parking are triggered under the APS.



Proposed Floor Plan

Compliance assessment with Access related requirements of BCA and Disability (Access to Premises-Building) Standards 2010 (APS)

BCA Part D3 Access for People with a Disability

Henceforth the requirements in this report only applies to the, New works, Modified works and Works within the 'affected part' as identified earlier in the report.

BCA D3.1 General building Access requirements

SOU refers to a Sole Occupancy Unit

Requirement

Class 9b- Assembly building not being a schools and early childhood centres.

- To wheelchair seating spaces (if applicable have been assessed further on in the report).
- To all areas except tiers that do not contain wheelchair seating spaces.

Compliance Comments

Complies

Access has been provided to and within all areas required to be accessible.

Add the above listed requirements to project specifications to ensure compliance.

BCA Part D3.2 Access to buildings

Requirement

Accessway is required from;

- Main pedestrian entry at the site boundary for new buildings.
- Main pedestrian entry door for existing buildings (as per APS).
- Any other accessible building connected by a pedestrian link.
- Accessible car parking spaces.

Compliance Comments

Complies

Level Access is provided from the main pedestrian entry doors.

Add the above listed requirements to project specifications to ensure compliance.

Requirement

External Walkway / Pedestrian access requirements as per AS1428-2009:

- Accessible path of travel to have a gradient no steeper than 1 in 20 and a cross fall no steeper than 1:40 (1:33 for bitumen).
- For 1:20 grade walkways, landings are required every 15M.
- The floor surface abutting the sides of the walkway to be provided with a firm and level surface (of a different material) at the same level and grade of the walkway, and extend horizontally for a minimum of 600mm unless one of the following is provided: kerb, kerb-rail and handrail or wall of minimum 450mm height.
- Curved walkways to be min 1500mm width with crossfall towards the centre of curvature.

Compliance Comments

Complies with spatial requirements.

Requirements are noted as specifications on Architectural plan number MP18302-A005.

Requirement

Accessway is required through:

- Principal pedestrian entry; and
- Not less than 50% of all pedestrian entrances; and
- In building with floor area over 500m², a non-accessible entry must not be located more than 50M from an accessible entry.

Compliance Comments

Complies

All pedestrian entries have been designed to be accessible.

Vista Access Architects Pty Ltd ABN 82124411614, ARN 6940, ACAA 281, LHA 10032

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m 0412 051 876 e admin@accessarchitects.com.au www.accessarchitects.com.au a P0 Box 353, Kingswood NSW 2747 Document Set ID: 9900134

Requirement

All common use doorways and doorways to and within Accessible and Adaptable units to comply with AS1428.1.

Where accessible pedestrian entry has Multiple doorways:

- At least 1 to be accessible if 3 provided
- At least 50% to be accessible, if more than 3 provided
- Where doorway has multiple leaves, at least 1 leaf is to have clear opening of 850mm (excluding automatic doors)

Compliance Comments

Capable of compliance

In common use areas, all single hinged doors and in case of multiple leaf doorways, at least 1 operable leaf is required to provide a clear opening of 850mm with the door circulations spaces as per AS1428.1-2009.

Note that the circulation spaces to have a maximum floor grade of 1:40 (doorway threshold ramps are permitted within the circulation space).

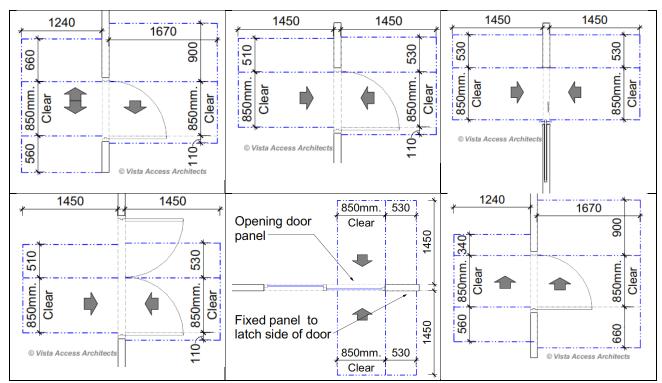
Sliding doorways to be provided with recessed floor tracks to enable flush transition from the inside of the building.

Double doorways are required to have one door leaf that complies with AS1428.1

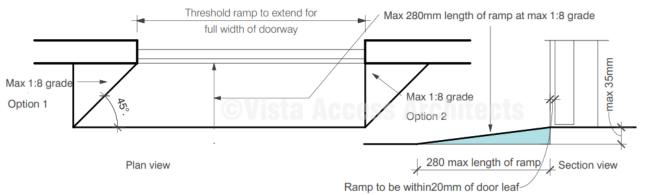
Where there is an external level difference at the door threshold, the maximum level difference can be 35mm if provided with a 1:8 doorway threshold ramp.

Requirements are noted as specifications on Architectural plan number MP18302-A005.

Automated doors are not required to have latch side circulation spaces.



[Image description: Different types of doorways with door circulation requirements as per AS1428.1]



Requirements of doorway threshold ramps shown above.

BCA Part D3.3 Parts of buildings required to be accessible
 Every Ramp with grades steeper than 1:20 and less than or equal to 1:14 (excluding fire-isolated ramp) is to be compliant with Clause 10 of AS1428.1: AS1428.1-2009 (including but not limited to - maximum grade of 1:14 with appropriate landings at a maximum of 9M of a flight of ramp). 1M clear width to be provided between handrails / kerb / kerbrails. Handrails and kerbs to be provided on both sides with appropriate handrails extensions. Slip resistance of ramp and landings to comply with BCA Table D2.14
N/A No 1:14 ramps have been identified in the development within the new works, modified works or works within the 'affected part'.
Step ramp if provided is to be compliant with: - AS1428.1-2009 including max grade of 1:10, max height of 190mm, max length of 1.9M - Slip resistance of ramp and landings to comply with BCA Table D2.14. - A landing for a step ramp must not overlap a landing for another step ramp or ramp
N/A No step ramps have been identified in the development within the new works, modified works or works within the 'affected part'.
 Kerb ramp if provided is to be compliant with: AS1428.1-2009 including max grade of 1:8, max height of 190mm, max length of 1.52M Slip resistance of ramp and landings to comply with BCA Table D2.14.
N/A No kerb ramps have been identified in the development within the new works, modified works or works within the 'affected part'
 Every Stairway (excluding fire-isolated stairway) is to be compliant with: Clause 11 of AS1428.1-2009 (including but not limited to opaque risers, handrails on both sides including appropriate handrail extensions between 1M clear width and compliant nosing strips). Slip resistance to comply with BCA Table D2.14 when tested in accordance with AS4586.
N/A No stairways have been identified in the development within the new works, modified works or works within the 'affected part'.

Requirement	 Every Fire-isolated Stairway is to be compliant with AS1428.1-2009 in the following aspects: Handrail on one side (requirement under D2.17) with 1M clear space. Handrail extensions are not required however since the handrails cannot have any vertical sections and since handrail is required to be at a consistent height throughout the stairway including at landings, it may be essential to either provide handrail extensions or offset first riser going up at mid landings to achieve this at 90° to 180° turns. Slip resistance to comply with BCA Table D2.14 when tested in accordance with AS4586. 					
Compliance Comments	N/A No fire-isolated stairways have been identified in the development within the new works, modified works or works within the 'affected part'.					
Requirement	Nosing strips are required to both fire-isolated an	d non-fire-isolated	stairways			
Compliance Comments	N/A No stairways have been identified in the developmen or works within the 'affected part' therefore not requir					
Requirement	 Handrail cross-sectional profile – for stairways and Diameter of handrails to be between 30mm-50mi adjacent walls with no obstructions to top 270° ar 	m and located not les				
Compliance Comments	N/A No stairways or ramps have been identified in the demodified works or works within the 'affected part' then					
Requirement	Slip resistance requirements as per BCA BCA Table D2.14 has the following Slip –resistance requirements when tested in accordance with AS4586:					
	Application	Surface conditions				
	D 1 11 11 11 11 11 11 11 11 11 11 11 11	Dry	Wet			
	Ramp steeper than 1:14 Ramp steeper than 1:20 but not steeper than 1:14	P4 or R11 P3 or R10	P5 or R12 P4 or R11			
	Tread or landing surface	P3 or R10	P4 or R11			
	Nosing or landing edge strip	P3	P4			
	HB 197/ HB198 An introductory guide to the slip resistance of pedestrian surface materials provides guidelines for the selection of slip-resistant pedestrian surfaces					
Compliance Comments	Capable of compliance. For Slip resistance of surfaces the builder is required Slip resistance of the surfaces comply with the above AS4586. Requirements are noted as specifications on Architec	listed requirements	when tested as per			
Requirement	Every Passenger lift is to comply with the requireme	nts of BCA E3.6.				
Compliance Comments	N/A No lifts have been identified in the development within the new works, modified works or works within the 'affected part'.					
Requirement	Passing spaces requirement It is a requirement to provide passing spaces in accessways complying with AS1428.1 at maximum 20 M intervals, where a direct line of sight is not available. Space required is 1800x2800mm (in the direction of travel). Chamfer of 400x400mm is permitted at corners					
Compliance Comments	N/A There are no accessways over 20M lengths in the development where a direct line of sight is not available. Add the above requirements to project specifications to ensure compliance.					

Requirement	Turning spaces requirement It is a requirement to provide turning spaces in accessways complying with AS1428.1-2009 within 2M of the end of accessways where it is not possible to continue travelling and at every 20M intervals. CLEAR Space required is 1540mmx2070mm in the direction of travel (measured from skirting to skirting).
Compliance Comments	Complies - Adequate turning spaces have been provided with minimum common use passageway widths being 1540mm clear or alternatively a space of 1540mm x 2070mm provided at or within 2M of the end of the passageway.
Requirement	Carpet specifications Carpet if used in areas required to be accessible are to be provided with pile height or thickness not more than 11mm and carpet backing not more than 4mm bringing the total height to a maximum of 15mm.
Compliance Comments	Capable of compliance if carpets are provided. Add the above listed requirements to project specifications to ensure compliance.
	BCA Part D3.4 Exemption
Requirement	Access is not required to be provided in the following areas: - Where access would be inappropriate because of the use of the area - Where area would pose a health and safety risk - Any path which exclusively provides access to an exempted area
Compliance Comments	For information only. Areas such as lift machine rooms, fire services room, commercial kitchens etc. in the development are exempted from providing access under this clause due to WHS concerns. Where a caretaker is provided in the development, the toilet provided exclusively for use by the caretaker can be excluded from providing access based on the provisions in this clause.
	DCA Dowt D2 5 Accessible Companies
.	BCA Part D3.5 Accessible Carparking
Requirement	Class 9b School - 1 Accessible car parking space per 100 spaces provided Other assembly building - 1 Accessible car parking space per 50 spaces provided and then additional 1 Accessible car parking space per additional 100 spaces provided
Compliance Comments	N/A No carparking areas have been identified in the development within the new works, modified works or works within the 'affected part'.

BCA Part D3.6 Signage

Requirement

Braille and Tactile signage is required to identify Accessible Sanitary facilities









International sign of access is required to signage to all accessible sanitary facilities (excluding SOUs within Class 1b or Class 3) and signage is required to identify if facility is for LH (left hand transfer) or RH (right hand transfer)

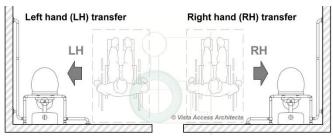
[Image description: Image of Signage]

Compliance Comments

Capable of compliance.

The following signage is required:

Location	LH	LH+ Shower	RH	RH+ Shower	Female toilet	Male toilet	Unisex toilet
Near Hall 1			\boxtimes				
Near Hall 2	\boxtimes				\boxtimes	\boxtimes	
Outside both Male bank of toilets						\boxtimes	
Outside both Female bank of toilets					\boxtimes		



[Image description: Diagram to help choose the correct signage based on LH/RH transfer]

Requirements are noted as specifications on Architectural plan number MP18302-A005.

Requirement





Braille and Tactile signage is required to identify Ambulant Sanitary facilities

Place sign on ambulant toilet cubicle door.

[Image description: Image of Signage]

Compliance Comments

Capable of compliance

Location	Male Ambulant toilet	Female ambulant toilet
Outside Male ambulant toilet cubicle near Hall 1	\boxtimes	
Outside Female ambulant toilet cubicle near Hall 1		\boxtimes
Outside Male ambulant toilet cubicle near Hall 2	\boxtimes	
Outside Female ambulant toilet cubicle near Hall 2		\boxtimes

Requirements are noted as specifications on Architectural plan number MP18302-A005.

Requirement Braille and Tactile signage is required to identify Hearing Augmentation International sign of deafness is required to signage to identify a space with hearing augmentation, also identify the type of hearing augmentation, area covered and location of receivers if used. **Hearing Loop** [Image description: Image of Signage] Compliance N/A Comments No areas with provision of inbuilt amplification have been identified on plans and hence no hearing augmentation requirements apply to this development. Requirement **Braille and Tactile signage for Fire Exits** E4.5 requires an exit signage to be clearly visible to persons approaching the exit, and must be installed to each: (a) door providing direct egress from a storey to-(i) an enclosed stairway, passageway or ramp serving as a required exit; and (ii) an external stairway, passageway or ramp serving as a required exit; and (iii) an external access balcony leading to a required exit; and (b) door from an enclosed stairway, passageway or ramp at every level of discharge to a road or open space; and (c) horizontal exit; and (d) door serving as, or forming part of, a required exit in a storey required to be provided with emergency lighting in accordance with E4.2. Braille and Tactile signage is required to identify a Fire exit door required by E4.5 by stating the 'Exit' and 'Level', followed by either the floor level number or floor level descriptor or a combination of both of the above and located on the side that faces a person seeking egress [Image description: Image of Signage The "?" shown in image is to be Exit Level? replaced with the floor level where the door is located] Compliance Capable of compliance. Comments All doors nominated as Exit doors require signage as described above. Requirements are noted as specifications on Architectural plan number MP18302-A005. Requirement Signage is required to a non-accessible pedestrian entrance Compliance Comments All pedestrian entrances have been designed to be accessible. Requirement Signage is required where a bank of sanitary facilities is not provided with an accessible unisex sanitary facility. Directional signage incorporating the international symbol of access as per AS1428.1 must be placed at the location of the sanitary facilities that are not accessible, to direct a person to the location of the nearest accessible unisex sanitary facility. Compliance Capable of compliance. Comments Add the above requirements to project specifications to ensure compliance. Requirement Directional signage: In a building subject to F2.9, directional signage complying with Specification D3.6 must be provided at the location of each-(i) bank of sanitary facilities; and (ii) accessible unisex sanitary facility, other than one that incorporates an accessible adult change facility, to direct a person to the location of the nearest accessible adult change facility within that building. Compliance N/A Comments No adult change facility has been proposed.

Requirement

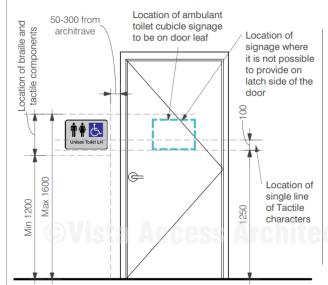
All signage is required to be as per Specification D3.6 Braille and Tactile Signs

- Location of the Braille / tactile components between 1200mm-1600mm above FFL.
- Location of single line of characters between 1250mm-1350mm above FFL.
- Locate signage on the wall on the latch side of the door with the leading edge of the sign located between 50-300mm from the architrave; and where that is not possible, the sign may be placed on the door itself. (excluding Ambulant toilet signage to be on the ambulant toilet cubicle door)
- Exit sign must be located on the side that faces a person seeking egress and on the latch side of the door and only where not possible on the door itself.
- Sign to have rounded edges with the tactile characters to be as specified in D3.6.
- Tactile to be in Title case, with upper case height between 15-55mm (20-55mm for fire exit signage) and lower case min 50% of upper case characters.
- Under all lighting conditions, (at the times during which the sign is required to be read) the background, negative space, fill of a sign or border with a minimum width of 5mm must have a luminance contrast with the surface on which it is mounted of not less than 30% and the tactile characters, icons and symbols must have a min luminance contrast of 30% to the surface on which the characters are mounted.

Compliance Comments

Capable of compliance

Selection of signage as specified above will lead to compliance.



Option 1- Background, negative space to have minimum 30% luminance contrast to surface on which it is mounted



Option 2- Minimum 5mm border to sign to have minimum 30% luminance contrast to surface on which it is mounted

[Image description: Location of Signage in relation to the doorway]

Add the above listed requirements and the requirements of BCA Specification D3.6- Braille and Tactile signs to project specifications to ensure compliance.

BCA Part D3.7 Hearing Augmentation

Requirement

Hearing Augmentation is only required where an inbuilt amplification system (other than emergency) is installed in a Class 9b building, or in an auditorium, conference / meeting room or an reception area where a screen is used.

Compliance Comments

N/A

No areas with provision of inbuilt amplification have been identified on plans and hence no hearing augmentation requirements apply to this development.

BCA Part D3.8 Tactile indicators (TGSIs) TGSIs are required when approaching: Requirement Stairways other than fire-isolated stairways. Escalators / passenger conveyor / moving walk. Ramp (other than fire-isolated ramps / kerb or step or swimming pool ramps). Under an overhead obstruction of <2M if no barrier is provided. When accessway meets a vehicular way adjacent to a pedestrian entry (if no kerb / kerb ramp provided at the location). Compliance is required with AS1428.4.1 including Luminance contrast and slip resistance requirements for all TGSIs. Compliance N/A Comments No areas requiring TGSIs have been identified within the new works, modified works or works within the 'affected part'. BCA Part D3.9 Wheelchair seating spaces in Class 9b assembly buildings Requirement Wheelchair seating spaces to be as below; 1single+1group of 2 Up to 150 3 spaces 151-800 3 spaces+1/50 over 150 1single+1group of 2, ≯5 in a group 16 spaces+1/100 over 800 801-10000 < 2 singe+<2groups of 2, ≯5 in a group >10000 108spaces+1/200 over 10000 < 5 singe+<5groups of 2, ≯10 in a group When <300 seats, wheelchair spaces are not to be in the front row When >300 seats, 75%, wheelchair spaces are not to be in the front row Locations to represent the range of seating options available Compliance Comments No assembly areas with fixed seatings have been identified in the development within the new works, modified works or works within the 'affected part'. BCA Part D3.11 Limitations on Ramps Requirement On an accessway: A series of connected ramps must not have a combined vertical rise of more than 3.6M; And a landing for a step ramp must not overlap a landing for another step ramp or ramp. N/A Compliance Comments No ramps have been identified in the development within the new works, modified works or works within the 'affected part'.

BCA Part D3.12 Glazing on Accessways

Requirement

Glazing requirements:

- Where there is no chair rail, handrail or transom, all frameless or fully glazed doors, sidelights and any glazing capable of being mistaken for a doorway or opening are required to have a glazing strip
- The marking should be for the full width with a solid and non-transparent 75mm wide, contrasting line located 900-1000mm above FFL and provide a minimum luminance contrast of 30% when viewed against the floor surface within 2M of the glazing on the opposite end. Graphical representation or cut-outs are not permitted.

Compliance Comments

Capable of compliance

Elevation of glazed area

Glazing strips are required to be provided to full length glazed areas (doors and windows) Glazing strip should be solid and

Glazing strip requires a min luminance

non-transparent for the full width. contrast of 30% when viewed against Graphical representation or cut-outs the floor surface within 2M of the are not permitted within 75mm width. glazing on the opposite end. When viewing from this side When viewing from this side min 30% luminance contrast min 30% luminance contrast is required to floor A is required to floor B Max 1000 Min 900 2000 2000 Floor Surface B Floor Surface A

[Image description: Requirements for glazing strips to all glazed areas that can be mistaken for a doorway or opening]

Selection of glazing strips as specified above will lead to compliance. Requirements are noted as specifications on

Architectural plan number MP18302-A005.

BCA Part F Accessible Sanitary Facilities

BCA F2.4 Accessible sanitary facilities

Requirement

Accessible unisex toilet is to be provided in accessible part of building such that;

- It can be entered without crossing an area reserved for 1 sex only
- Where male and female sanitary facilities are provided at different locations, Accessible unisex toilet is only required at one of the locations

Section of glazed area

- Even distribution of LH and RH facilities
- An accessible facility is not required on a level with no lift / ramp access.

Compliance Comments

Complies

The following accessible toilet facilities have been provided

Location	LH	LH + Shower	RH	RH+ Shower
Near Hall 1			\boxtimes	
Near Hall 2	\boxtimes			

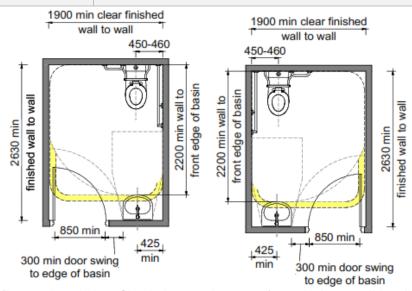
	BCA F2.4(a) Acc	cessible un	isex sanitar	y compartn	nents					
Requirement		 Class 9 1 unisex Accessible toilet on every storey containing sanitary compartments. Where more than 1 bank of sanitary compartments on a level, at 50% of banks 								
Compliance Comments	Complies The following accessible toilet facilities have been provided									
	Location	LH	LH+Shower	RH	RH+ Shower					
	Near Hall 1			\boxtimes						
			<u> </u>							
	Near Hall 2	\boxtimes								
	BCA F2.4(b) Re	quirements	for Access	ible unisex	showers					
Requirement	Class 9 - When BCA require	s provision of 1	or more showe	rs, then 1 for ev	ery 10 showers.					
Compliance Comments	N/A No common use show	er facilities have	been identified	in the developr	ment.					
Requirement	seat of WC pan is Wash basin require pan and additional washbasin is to be with 50mm clear fr Seat to be full rour background Backrest to be 150 an angle of 95°-10 Flushing control to back or side wall, of Top of toilet paper maximum of 300m Grabrails, 30-40mr obstructions to top Horizontal compon grabrails to be cap Back wall horizonta 50mm from the cis of the pan. Mirror (minimum 3: above FFL Clothes hanging de from any internal of A portable sanitary Shelf is required to 120-150mm wide a Baby change table have a maximum h Soap and paper to operative compone an internal corner. Door to the Access	esistant circulation sparear wall and the to be 460-480m es an additional minimum 430m between 800-80m any surface ed, take 150kg vol-200mm height 0° back from se be proud of sur clear of grabrail dispenser is to m from edge of m diameter, place 270° arc, are to ent to be 800-80 able to withstant all grabrail to be tern. This grabrail to be either integrand located 900 s where provided the provided and supplementation of 820mm well dispensers ent between 900 sible toilet requirement to the waster of t	ce of 1.9M(backer c/l of pan is to m above FFL minimum 330mm when placed 30mm above Filweight and proving a start from 900mm above Filmed 1100N of force a minimum of 3 ail is also requirestart from 900mm above filmed 1200-13 unit to be provided to 10mm above Filmed 1200-13 unit to be proving a minimum of 3 ail is also requirestart from 900mm above filmed 1200-13 unit to be provided or as a section with 720mm unit to 1200-13 un	of pan) x2.3M. To be 450-460mm In when placed I on adjacent sid FL. Water taps to de 30% luminar idth and 120-15 d between 600- imum of 700mm learance from werear and side werear and side were. FL. Fastenings are 30°- 45° grab 100mm and located to be minimum m above FFL, til 150mm above F Ided parate fixture 30° per FFL ach into the circum th	Setout of pan is a from side wall. Top of a from side wall. Top of the construction of the seat at the					

Compliance Comments

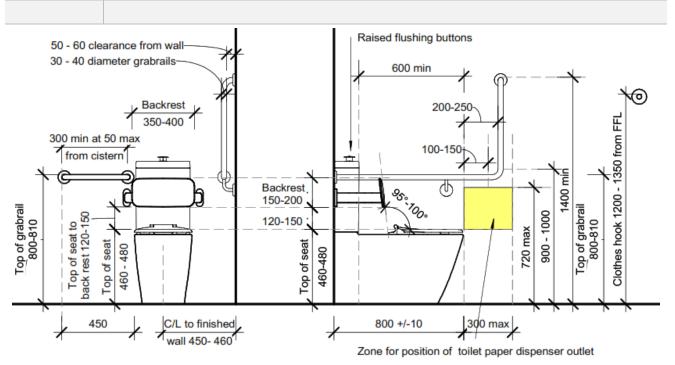
Complies with spatial requirements.

Note minor updates are required to accessible toilet drawings including correct location of clothes hooks.

Requirements are noted as specifications on Architectural plan number MP18302-A005.

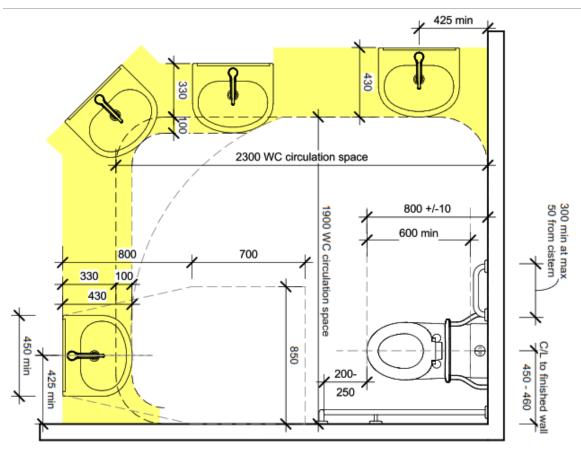


[Image description: Circulation requirements for typical accessible toilets as per AS1428.1 Mirror images of the above may apply]

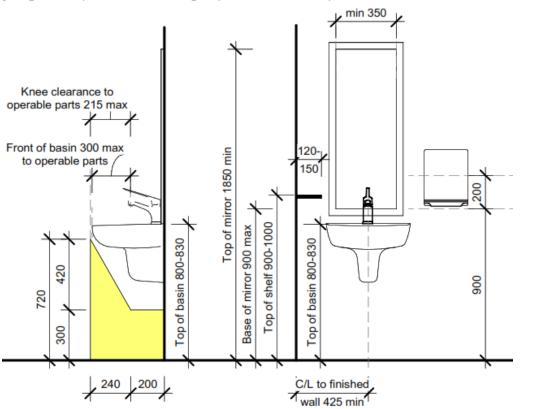


[Image description: Elevations showing requirements for WC pan in an Accessible toilet]

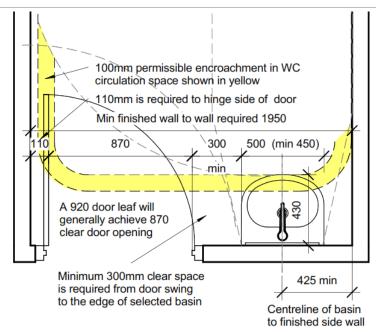
Version: 1, Version Date: 04/02/2022



[Image description: Plan showing requirements for WC pan and basin in an Accessible toilet]



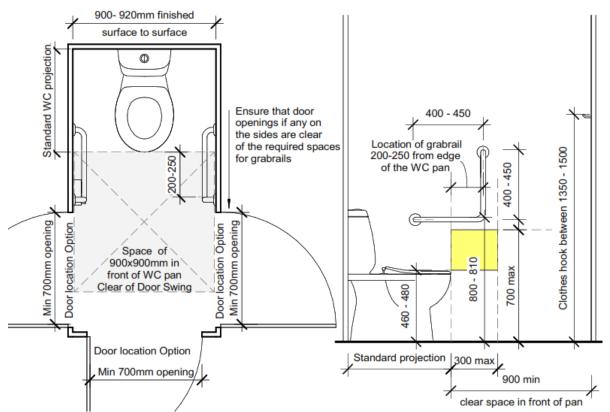
[Image description: Elevations showing requirements for basin in an Accessible toilet]



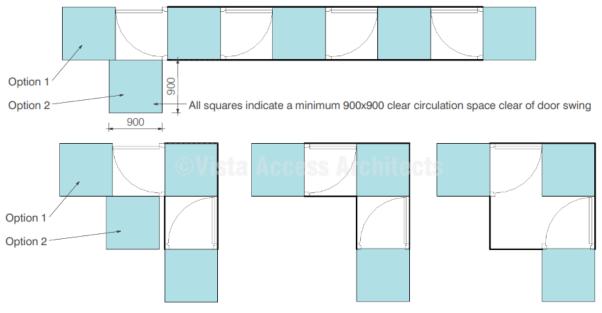
Width of Accessible sanitary facility is based on the size of door and size of the selected basin. This drawing shows a sample of Accessible toilet with a 920 door leaf and Caroma Integra basin.

[Image description: Plan showing requirements for basin in relation to a doorway in an Accessible toilet]

Requirement	Ambulant use male / female toilets are to be provided if an additional toilet to the Accessible unisex toilet is provided
Compliance Comments	Complies The following Ambulant facilities have been provided 4 ambulant toilets have been provided in the development. Ground floor: 2 x male ambulant toilets, 2x female ambulant toilets.
Requirement	 Ambulant use toilets are to be designed in accordance with AS1428.1-2009 Floor is to be slip resistant. Walls of the cubicle to be 900-920mm wide after tiling Circulation space of 900x900mm is to be provided inside the cubicle (excluding door swing) and outside the door of the cubicle Top of seat of WC pan is to be 460-480 above FFL Door to cubicle to provide 700mm clear opening space Top of toilet paper dispenser is to be located max 700mm above FFL and maximum of 300mm from edge of pan Minimum 400x400mm grabrails, 30-40mm diameter, placed 50-60mm clearance from wall, with no obstructions to top 270° arc, provided to rear and side wall (90° or 30° - 45°). Horizontal component to be 800-810mm above FFL. Fastenings and construction of grabrails to be capable to withstand 1100N of force. 30° - 45° grabrails are preferred. Coat hook at height of 1350-1500mm above FFL
Compliance Comments	Complies with spatial requirements Requirements are noted as specifications on Architectural plan number MP18302-A005.



[Image description: Diagram showing requirements for circulation spaces for fixtures in an Ambulant toilet as per AS1428.1]



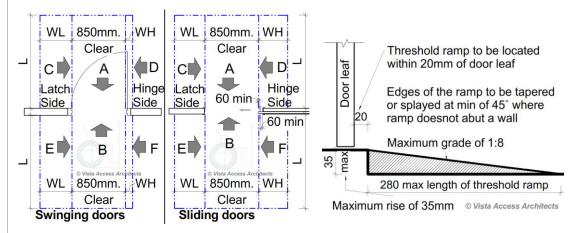
[Image description: Diagram showing requirements for circulation spaces for airlocks leading to Ambulant toilet as per AS1428.1]

Additional Features required as per AS1428

Refer to AS1428 for full list of requirements.

	The following accessibility requirements apply only to: New areas, modified areas and areas within the 'affected part' of works as identified earlier in the report
Requirement	Accessway width requirements All Accessway widths are to be a minimum of 1M clear (measured from skirting to skirting) with vertical clearance of at least 2M
Compliance Comments	Complies. Add the above listed requirements to project specifications to ensure compliance.
Requirement	 Doorway requirements All common use doorways in the development to have a clear opening of at least 850mm with appropriate door circulation spaces in accordance with AS1428.1 Door thresholds are to be level or they can incorporate a doorway threshold ramp with a maximum grade of 1:8, for maximum rise of 35mm and a maximum length of 280mm and located within 20mm of the door leaf, with edges to be tapered or splayed at a minimum of 45° where it does not abut a wall. Distance between successive doorways in airlocks to be 1450mm which is measured when the door is in open position in case of swinging doors.

CLEAR Door circulation requirements are noted below. In determining passageways widths based on door circulation, allow for spaces measured from skirting to skirting.



Hinged / Swinging door				Sliding door			
Direction	L	WL	WH	Direction	L	WL	WH
Α	1450	530	110	Α	1450	530	0
В	1450	510	0	В	1450	530	0
С	1670	900	110	С	1230	660	185
D	1670	900	660	D	1280	660	395
E	1240	660	240	E	1230	660	185
F	1220	340	560	F	1280	660	395
C&D	1670	900	660	C&D	1280	660	660
E&F	1240	660	560	E&F	1280	660	660

[Image description: Diagram showing requirements for door circulation spaces and door threshold requirements as per AS1428.1]

For surface mounted sliding doors, circulation space on the opposite side of the door face will increase by the value of the wall thickness to the face of the door.

Compliance	Capable of compliance.
Comments	Requirements are noted as specifications on Architectural plan number MP18302-A005.
	·

Requirement

Door hardware requirements;

- D shaped door handles to be used, located at 900-1100mm above FFL
- Clearance between the handle and the back plate or the door face at the center grip section of the handle to be between 35-45mm with a minimum of 20mm turn at the end of the handle
- Where door to the Accessible WC swings out a door closer will be required. Where a
 door closer is fitted, (excluding fire door, unless the fire door is used to access a required
 accessible area), the force required at the door handle to operate the door is not to
 exceed 20N
- Manual control to power operated door to be push button type control with a minimum diameter of 25mm, proud of the surface and located a min of 500mm from an internal corner and between 1M- 2M if hinged door is used. Power-operated door controls, push-button controls shall have a minimum dimension of 25 mm diameter and be proud of the surface and shall activate the door before the button becomes level with the surrounding surface.
- Where snibs are installed in accessible sanitary facility doors, they are required to have a lever handle of a minimum length of 45mm from the center of the spindle
- Doors to accessible and ambulant sanitary facilities shall be provided with an in-use indicator and a bolt or catch. Where a snib catch is used, the snib handle shall have a minimum length of 45 mm from the centre of the spindle. In an emergency, the latch mechanism shall be openable from the outside.

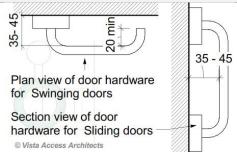
Compliance Comments

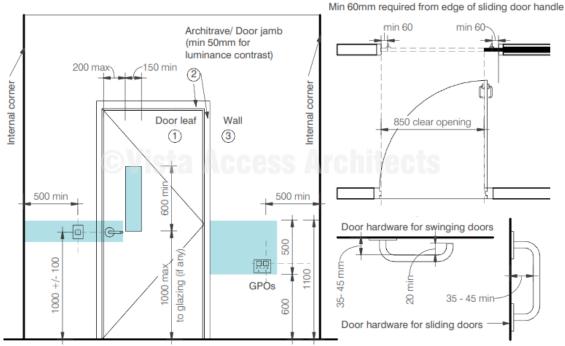
Capable of compliance

Selection of door hardware as specified above will lead to compliance.



Requirements are noted as specifications on Architectural plan number MP18302-A005.





[Image description: Diagram showing requirements for door hardware and location of door hardware, switches and GPOs as per AS1428.1]

Requirement

Luminance contrast requirements for doorways.

All doorways to have a minimum luminance contrast of 30% provided between,

- Door leaf and door jamb or
- Door leaf and adjacent wall or
- Architrave and wall or
- Door leaf and architrave or
- Door jamb and adjacent wall

The minimum width of the luminance contrast to be 50mm.

Compliance Comments

Capable of compliance.

The painting schedule of walls/doors and door frames are to consider the above requirements when colours are selected. Check Contrast requirements via LRV of colours on http://www.accessarchitects.com.au/luminance-contrast-calculator or download free LRV calculator App from Apple Store

Requirements are noted as specifications on Architectural plan number MP18302-A005.

Requirement

Floor or ground surfaces

- Use slip-resistant surfaces
- The texture of the surface is to be traversable by people who use a wheelchair and those with an ambulant or sensory disability.
- Abutment of surfaces is to have a smooth transition.
- Construction tolerances to be +/- 3mm vertical or +/-5mm, provided the edges have a bevelled or rounded edge (See diagrams below)

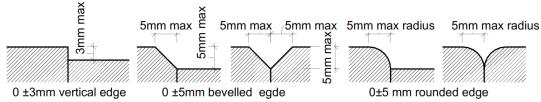
Grates if used in the accessible path of travel are required to comply with the following:

- Circular openings maximum of 13 mm in diameter
- Slotted openings maximum of 13 mm wide and be oriented so that the long dimension is transverse to the dominant direction of travel
- Where slotted openings are less than 8 mm, the length of the slots may continue across the width of paths of travel

Compliance Comments

Capable of compliance.

Requirements are noted as specifications on Architectural plan number MP18302-A005.



[Image description: Diagram showing requirements for floor surfaces as per AS1428.1]

Switches, Controls and Lighting requirements

All switches and controls (including controls for intercom facilities and <u>external lift control</u> <u>buttons</u>) on an accessible path of travel, other than GPOs (general purpose outlets), to be located between 900-1100mm above FFL and not less than 500mm from internal corners except where on the architrave on the latch side and to internal lift areas which are to be as per AS1735.12.

In Accessible sanitary facilities;

- Rocker action / toggle switches to be provided in with a minimum size of 30mmx30mm
- Push pad switches if used to have a minimum dimension of 25mm diameter
- GPOs to be located between 600-1100mm above FFL and minimum of 500mm from any internal corners

Compliance Comments

Capable of compliance.



Selection of lighting fixtures and locating them as specified above will lead to compliance.

Requirements are noted as specifications on Architectural plan number MP18302-A005..

[Image description: Image showing requirements for switches in accessible sanitary facilities and accessible SOUs as per AS1428.1]

Disability Discrimination Act

Advisory Only

The Federal Disability Discrimination Act 1992 (DDA) provides protection for everyone in Australia against discrimination based on disability. Section 32 of the DDA focuses on the provision of equitable and dignified access to services and facilities for people with mobility, sensory and cognitive disabilities.

Disability discrimination happens when people with a disability and their relatives, friends, carers, co-workers or associates are treated less fairly than people without a disability.

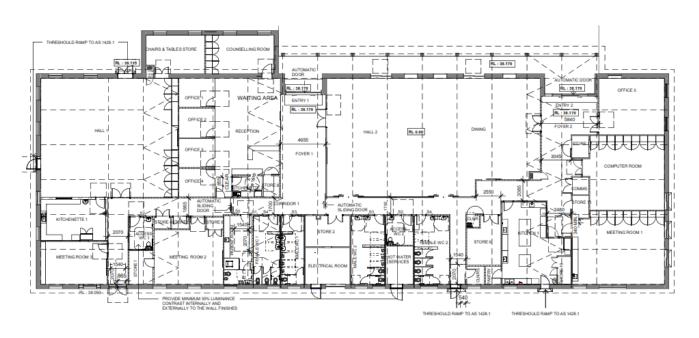
Compliance with Access to Premises Standards give certainty to building certifiers, building developers and building managers that, if access to (new parts) of buildings is provided in accordance with these Standards, the provision of that access, to the extent covered by these Standards, will not be unlawful under the DDA. This however applies only to the new building or new parts of an existing building and its affected part. All areas outside the scope of these areas are still subject to the DDA. We cannot guarantee or certify for DDA compliance because DDA compliance can only be assessed by the Courts.

Scope of DDA extends beyond the building fabric and also includes furniture and fittings.

Some recommendations to address common furniture and fittings have been listed below. Non provision of the below recommendations may not affect compliance under the BCA but may leave the building owner vulnerable to a claim under the DDA.

For new common use kitchens in commercial use areas, it is suggested that this kitchen could be made partially accessible by providing a width of 900mm next to the sink as vacant space (without cabinetry under the bench top) and a long lever tap with spout and handle within 300mm from the front of the benchtop. The distance in between the benches to be 1550mm. 1 double GPO to be provided within 300mm from the edge of the benchtop. This would allow a person in a wheelchair to independently move within the kitchen and use basic facility, being the sink independently.

For new reception tables, it is recommended that a lower section for a width of 900mm could be provided to be able to be used by a person in a wheelchair. Height of the FFL (finished floor level) to the top of the table to be 850+/-20mm and height of clearance beneath the unit from the FFL to be 820+/-20mm.



Vista Access Architects Pty Ltd ABN 82124411614, ARN 6940, ACAA 281, LHA 10032

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Statement of Experience

Vista Access Architects specialises in access consultancy services, including, Access requirements and Access Performance Solutions under the NCC, NDIS SDA Certifications, Livable Housing Certifications and Changing Places Certifications.





Farah Madon - Director

ACAA Accredited Access Consultant NDIS Accredited SDA Assessor Livable Housing Assessor Changing Places Assessor

- · Accredited member of the Association of Consultants in Access Australia (ACAA) Member 281
- NDIS Accredited SDA (Specialist Disability Accommodation) Assessor SDA00001
- Architect registered with the NSW Architect's Registration Board Registration 6940
- Member of Australian Institute of Architects (RAIA), A+ Practice Member 49397
- Registered Assessor of Livable Housing Australia Registration 10032
- Global Alliance on Accessible Technologies and Environments (GAATES) Member BE-02-021-20
- Registered Assessor of Changing Places Australia Registration CP006

Farah's Educational Profile and Qualifications include:

- · Bachelor of Architecture Degree with Honours (B.Arch.)
- International Certification of Accessibility Consultants Built Environment (ICAC-BE) Program, Level 2 Advanced Accessibility Consultant
- · Diploma of Access Consulting
- Standards Australia's course on 'Writing Australian Standards'

Farah has 20 years of experience of working in the field of Architecture and Access.

Farah is the lead author of the NDIS SDA Design Standard. She has been invited on multiple occasions as an expert witness for Access related matters in the NSW Land and Environment Court.

Farah currently participates on the following key committees concerning access for people with disabilities, on an honorary basis:

- Member of Standards Australia's ME-064 Committee responsible for the AS4299 and AS1428 suite
 of standards.
- Vice President of Association of Consultants in Access Australia (ACAA)
- Community Representative Member of the Penrith City Council's Access Committee
- Member of Australian Institute of Architect's National Access Work Group (NAWG)
- Management Committee member of NSW Network of Access Consultants
- Livable Housing Australia's Industry Reference Group (IRG) Member
- Member of Changing Places Australia Technical Advisory Team

Some Recent Awards presented to Farah Include:

- 2019 Penrith Citizen of the Year
- 2019 Access Inclusion Award
- 2019 Australian Access Awards Finalist for Educational App of the Year- LRV App to calculate luminance contrast























Vanessa Griffin

ACAA Accredited Access Consultant NDIS Accredited SDA Assessor Livable Housing Assessor Changing Places Assessor

- Accredited member of the Association of Consultants in Access Australia (ACAA) Member 500
- NDIS Accredited SDA (Specialist Disability Accommodation) Assessor SDA00009
- Registered Assessor of Livable Housing Australia Registration 20035
- Registered Assessor of Changing Places Australia Registration CP010

Vanessa's Educational Profile and Qualifications include:

- Diploma of Surveying and Diploma of Health and Building Surveying, Sydney Institute of Technology
- Certificate IV in Access Consulting







Jenny Desai

ACAA Accredited Access Consultant NDIS Accredited SDA Assessor Livable Housing Assessor



- NDIS Accredited SDA (Specialist Disability Accommodation) Assessor SDA00043
- Registered Assessor of Livable Housing Australia Registration 20242

Jenny's Educational Profile and Qualifications include:

- Master of Design (M.Des) from University of Technology, Sydney
- · Certificate IV in Access Consulting









Art Phonsawat

ACAA Associate Access Consultant



· Associate member of the Association of Consultants in Access Australia (ACAA) - Member 695

Art's Educational Profile and Qualifications include:

- · Advanced Diploma in Interior design, Sydney
- Certificate IV in Access Consulting