

Development Application **ACCESS REPORT**

Reference Number: 24124

Client:

Stanton Dahl Architects

Site Address:

31-37 Phillip Street, Raymond Terrace,
NSW



Vista Access Architects Pty. Ltd.

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Executive Summary and Design Compliance Statement

This Access Compliance Report is to accompany a Development Application (DA) for the development proposed at **31-37 Phillip Street, Raymond Terrace, NSW**

The development is within Port Stephens Council LGA and proposes **New Buildings**.

The development proposes the following:

	LAHC A	LAHC B	HUME A	HUME B	Total
Residential units	4	2	3	4	13
Adaptable units	N/A	N/A	N/A	N/A	N/A
Livable Housing Units	4	2	3	4	13
Total Accessible parking spaces	N/A	N/A	N/A	N/A	N/A

The development has building classification as detailed below:

- Class 1a (detached house or attached dwellings such as townhouses or villas)

This report is based on the relevant components of:

- AS1428.1-2009 Part 1: General requirements for access, including any amendments
- AS1428.4.1-2009 Part 4.1: TGSIs (Tactile ground surface indicators), including any amendments
- Livable Housing Australia's Livable Housing Design Guidelines- Fourth Edition

The assessment of the proposed development has been undertaken to the extent necessary to issue DA consent under the Environmental Planning and Assessment Act. The proposal achieves the spatial requirements to provide access for people with a disability and it is assumed that assessment of the detailed requirements such as assessment of internal fit-out, details of stairs, ramps and other features will occur at CC (Construction Certificate) stage.

By compliance with the recommendation in this report, the development complies with the requirements of Livable Housing Australia's Livable Housing Design Guidelines- Fourth Edition

The entire development is classified as a Class 1a and therefore the development is exempt from Disability Access related requirements of the BCA/NCC Volume 1 and no requirements apply under the Access Code of Disability (Access to Premises-Building) Standards 2010

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



Jenny Desai

Accredited Access Consultant and LHA Assessor
ACAA Accredited Membership number 572
Qualified- Certificate IV in Access Consulting
LHA Assessor Licence number 20242

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-230275 dated **14-04-2024**. Fee proposal was accepted by Client on **24-04-2024**

Assessed Drawings:

The following drawings by Stanton Dahl Architects have been assessed for compliance.

Drawing no	Issue	Date	Details
25 of 32	P14	27-06-2024	Site & External works plan
25 of 32	P14	27-06-2024	Level 1 floor plans

Document Issue:

Issue	Date	Details
Draft 1	10-05-2024	Issued for Architect's review
A	27-06-2024	Issued for DA

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 report.

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, AS2890.6 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 to 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 specific project. Copy-pasting diagrams from this report to Architectural plans will constitute copyright infringement.

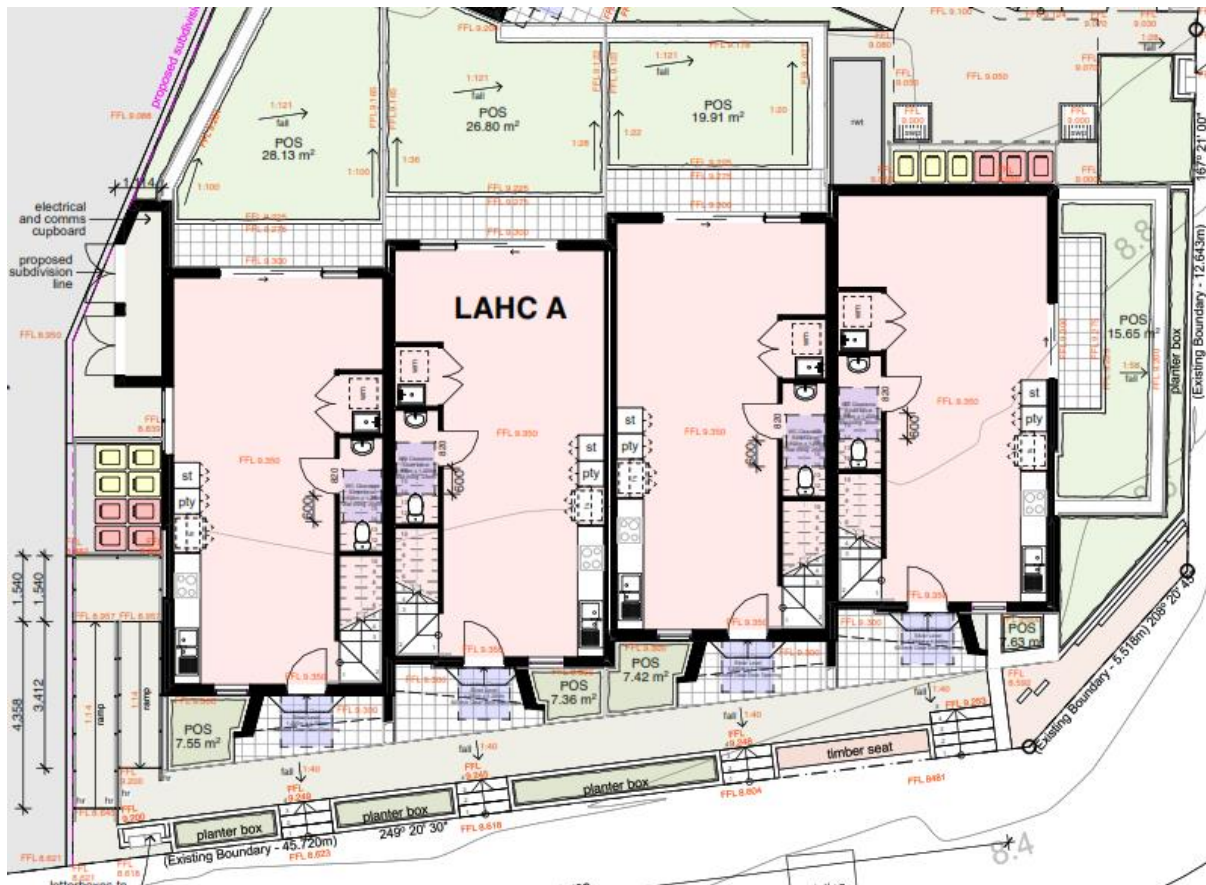
This report does not assess compliance matters related to WHS, Structural design, Services design, Parts of DDA other than those related to APS or Parts of BCA or Parts of AS other than those directly referenced in this report. VAA gives no warranty or guarantee that this report is correct or complete and will not be liable for any loss arising from the use of this report. We will use our best judgement regarding 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 several items in LHA 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/ HB197/ HB198 and any other applicable regulation and Australian Standard

Compliance assessment with Silver Livable Housing

The development provides all 13 units in the development to comply with silver Livable housing design guidelines requirements.

The following **13 units L1, L2, L3, L4, L5, L6, H1, H2, H3, H4, H5, H6 & H7** are capable of providing compliance with the features of Silver level of Livable Housing Guidelines as noted in the table below.

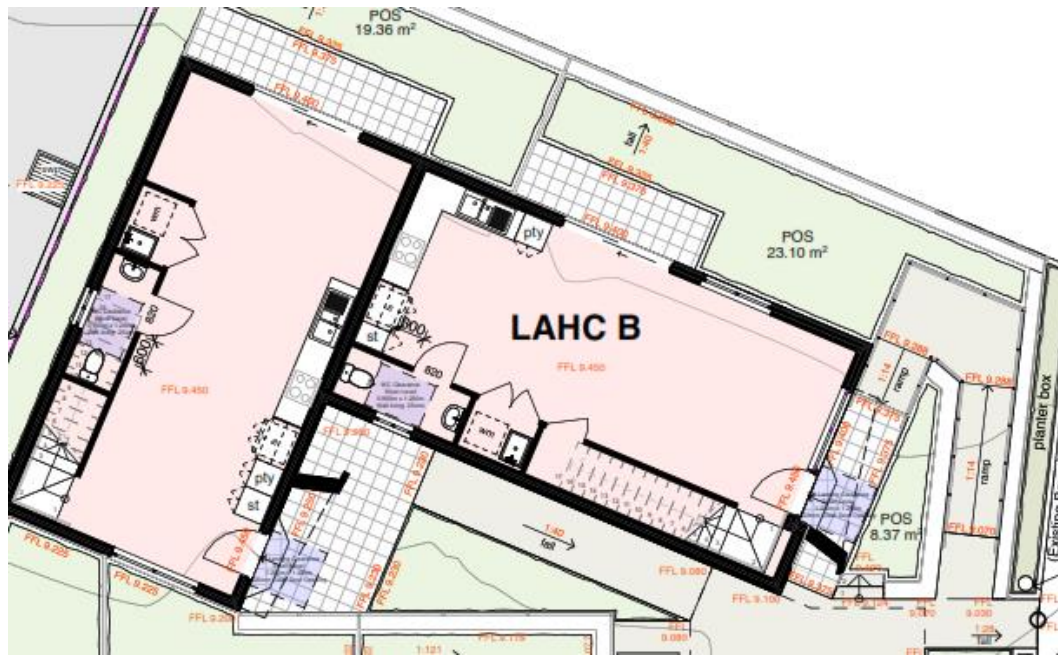


Level 1 plan – LAHC A



Level 2 plan – LAHC A

Note: Step free access has been achieved via 1:14 grade ramps at the site boundary. While no requirements apply for common use ramps and common use external steps (as BCA and APS do not apply to Class 1a dwellings), it is recommended that the common use 1:14 grade ramps are designed to be compliant with AS1428.1 features such as handrails and TGSIs.

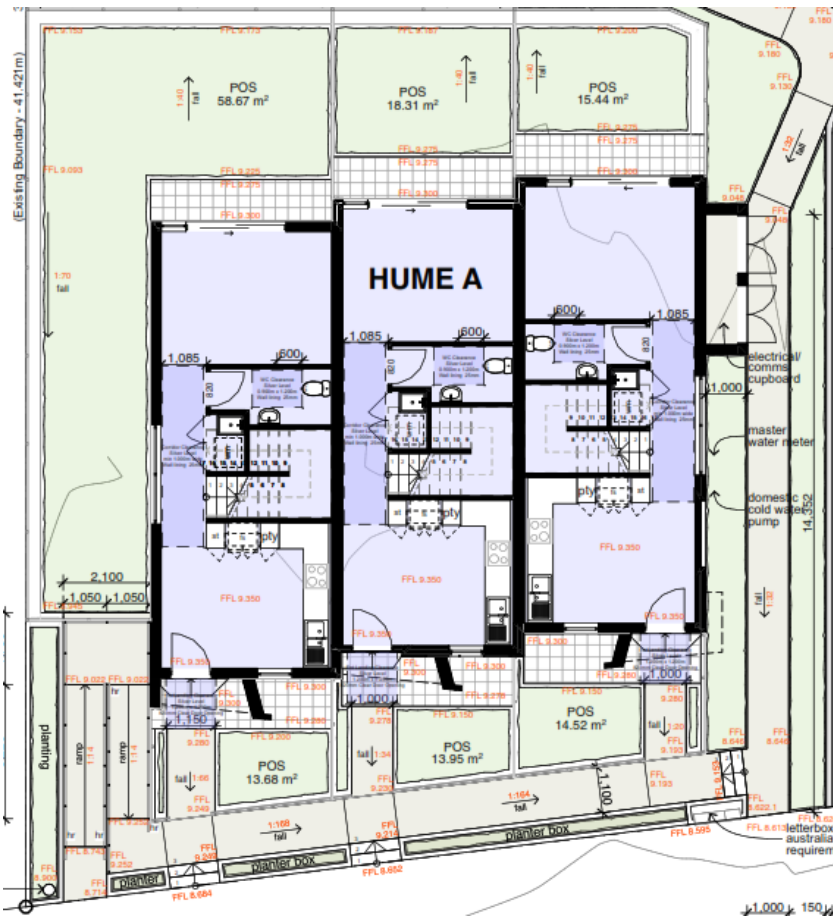


Level 1 plan – LAHC B

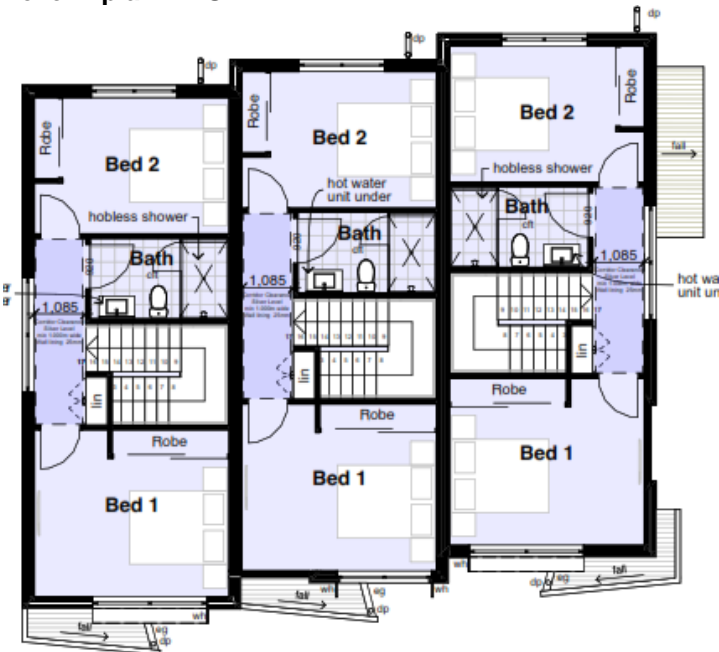


Level 2 plan – LAHC B

Note: Step free access has been achieved via 1:14 grade ramps at the site boundary. While no requirements apply for common use ramps and common use external steps (as BCA and APS do not apply to Class 1a dwellings), it is recommended that the common use 1:14 grade ramps are designed to be compliant with AS1428.1 features such as handrails and TGSIs.



Level 1 plan – HUME A



Level 2 plan – HUME A

Note: Step free access has been achieved via 1:14 grade ramps at the site boundary. While no requirements apply for common use ramps and common use external steps (as BCA and APS do not apply to Class 1a dwellings), it is recommended that the common use 1:14 grade ramps are designed to be compliant with AS1428.1 features such as handrails and TGSIs.



Level 1 plan – HUME B



Level 2 plan – HUME B

Note: Step free access has been achieved via 1:14 grade ramps at the site boundary. While no requirements apply for common use ramps and common use external steps (as BCA and APS do not apply to Class 1a dwellings), it is recommended that the common use 1:14 grade ramps are designed to be compliant with AS1428.1 features such as handrails and TGSIs.

By incorporating the requirements of the below Checklist in the Specifications of the project, the nominated Livable units can achieve full compliance with Livable Housing Guidelines- Silver Level

All details to be verified at the CC stage

Design Element	Requirements (All dimensions noted are required to be clear of finishes as required under AS1428.1)	Compliance / Comments
1 Dwelling Access	<ul style="list-style-type: none"> a. Provide a safe and continuous 1M clear width pathway from front site boundary to an entry door to the dwelling. b. Path including any ramps and walkways to have no steps, even firm, slip-resistant surface, max 1:40 crossfall, max slope of 1:14 with landings of 1.2M every 9M and landings every 15M for 1:20 walkways. 1M clear width of ramps are required. c. Pathway may be provided via an associated car parking in which case the car parking space to be <ul style="list-style-type: none"> ▪ 3200 (width) x5400 (length), ▪ even, firm and slip resistant, level surface of 1:40 max grade and 1:33 max grade for bitumen d. Step ramp may be provided at an entrance doorway. The step ramp to be max 190mm height, max 1:10 grade, max 1900mm length. e. Level landings of 1200mm are required exclusive of the swing of the door or gate and to be provided at the head and foot of the ramp. 	<p>Complies. Details to be verified at CC stage of works Recommendation: We would recommend that the ramps and 1:10 pathways to comply with AS1428.1</p> <p>N/A Access is provided from the site boundary.</p> <p>N/A</p> <p>N/A</p>
2 Dwelling entry	<ul style="list-style-type: none"> a. Dwelling Entry should provide an entrance door with <ul style="list-style-type: none"> i. min clear opening width of door to be 820mm ii. Step free threshold of max 5mm with rounded or beveled lip iii. reasonable shelter from the weather b. Level landing of 1200x1200mm at step-free entrance door on the arrival / external side of the entrance door. c. Max permissible threshold is less than 56mm where provided with a 1:8 grade threshold ramp. d. Entrance to be connected to a pathway (specified under Element 1) Note: The entrance to incorporate waterproofing and termite management requirements as specified in the NCC 	<p>Complies. Details to be verified at CC stage of works</p> <p>Complies. Details to be verified at CC stage of works</p> <p>N/A</p> <p>Complies. Details to be verified at CC stage of works Waterproofing compliance by others.</p>
3 Internal doors and corridors	<ul style="list-style-type: none"> a. Doors to rooms on the entry level used for living, dining, bedroom, bathroom, kitchen, laundry and sanitary compartments to be <ul style="list-style-type: none"> i. 820mm clear opening and ii. provided with a level threshold of max 5mm between abutting surfaces with rounded or beveled lip 	<p>Complies. Details to be verified at CC stage of works</p>

- b. Internal corridors and passageways to doorway to be min 1M clear (measured from skirting to skirting)
- Complies.
Details to be verified at CC stage of works

4

Toilet

- a. One Toilet to be provided on the ground or entry level that provides,
- Min 900mm between walls or amenities
 - Min 1200mm clear space in forward of the WC pan exclusive of door swing.
 - The toilet pan to be positioned in the corner of a room to enable handrails
- Complies.
Details to be verified at CC stage of works

5

Shower

- a. One bathroom should feature a slip resistant, hobless shower recess. Shower screens are permitted provided they can be easily removed at a later date.
- b. The shower recess should be located in the corner of the room to enable the installation of grabrails at a future date.
- Complies.
Details to be verified at CC stage of works

For hobless specification please see Australian Standard AS3740-3.6. Reinforcement guidelines for walls in bathrooms and toilets are found in element 6

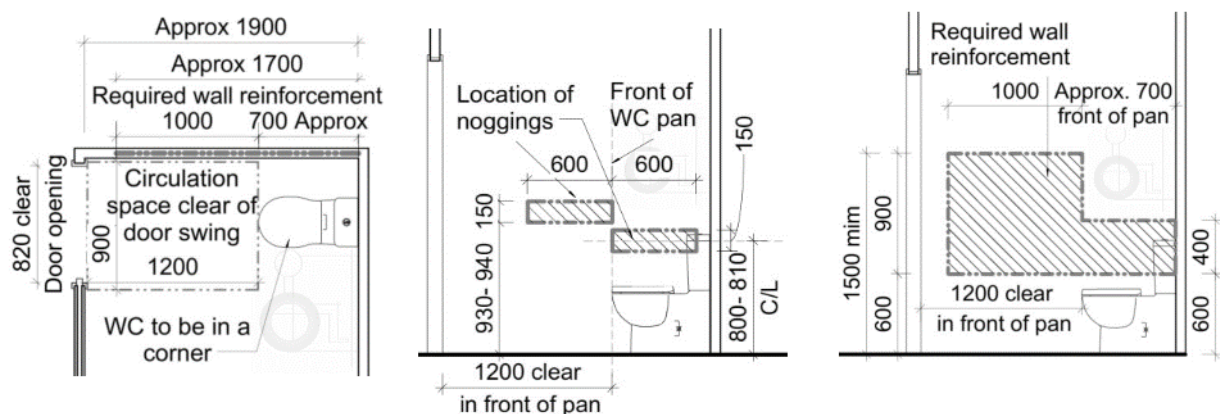
6

Reinforcement of bathroom & toilet walls

- a. Except for walls constructed of solid masonry or concrete, the walls around the shower, bath (if provided) and toilet should be reinforced to provide a fixing surface for the safe installation of grabrails.
- Capable of compliance.
Details to be verified at CC stage of works

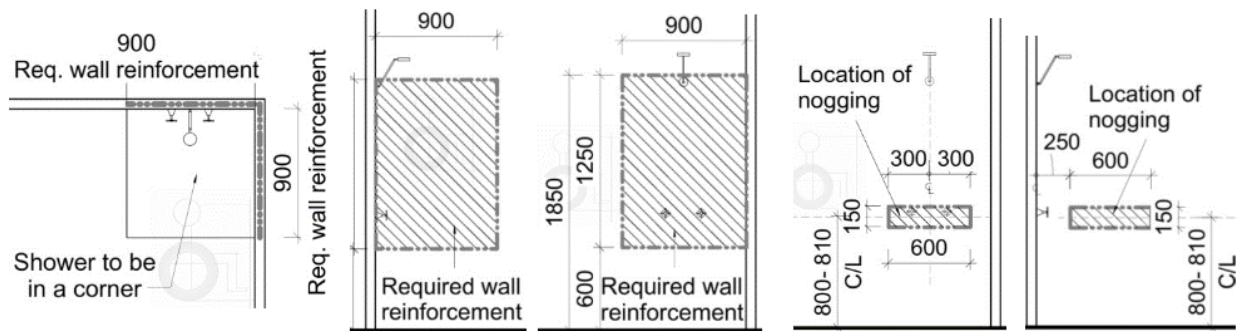
- (b), (c) and (d) the walls around toilet, bath and shower to be via:
- Noggins with a thickness of at least 25mm
 - Sheeting with a thickness of at least 12mm
- Capable of compliance.
Details to be verified at CC stage of works

Refer to diagrams provided in the Livable Housing Guideline document.

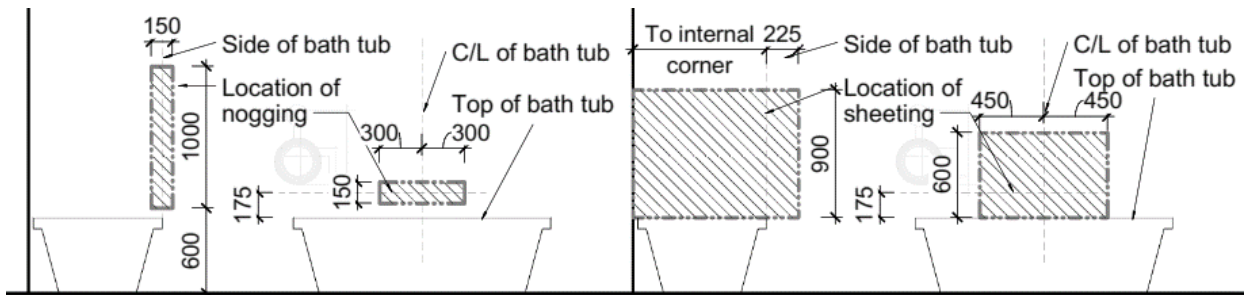


[Image description: Diagram shows wall reinforcements options of noggings or sheeting for a toilet]

Note: In a standalone toilet, the wall reinforcements are required to both sides. Any door openings/ door frames are required to be clear of the required wall reinforcements. If wall with cavity slider is used for wall reinforcements, then allow for additional thickness for the wall.



[Image description: Diagram shows wall reinforcements options of noggings or sheeting for a shower]



[Image description: Diagram shows wall reinforcements options of noggings or sheeting for a bathtub]

7

Internal Stairways

Stairways in dwellings must feature:

- a continuous handrail on one side of the stairway where there is a rise of more than 1M.

Complies

Details to be verified at CC stage of works

Common use areas- recommendations only

Requirement

Common use External Walkway / Pedestrian access requirements as per AS1428:

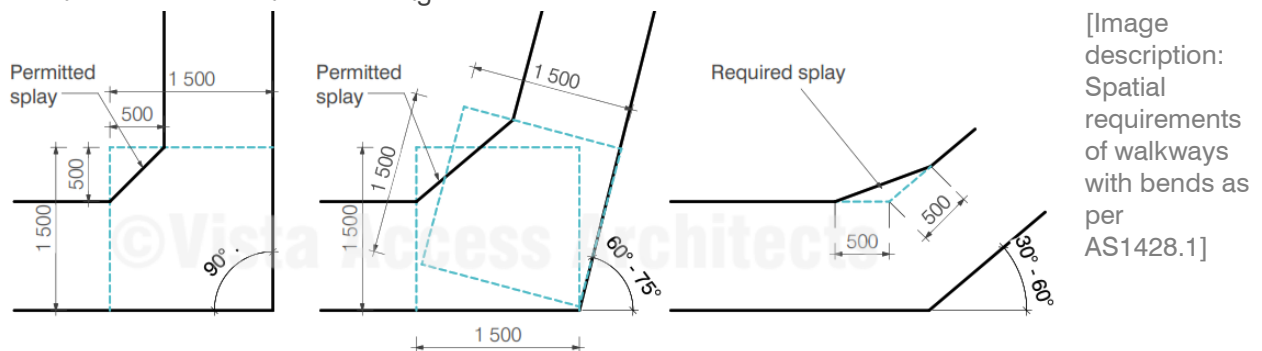
- Accessible path of travel to have a gradient no steeper than 1 in 20 and a cross fall no steeper than 1:40 (1:33 for bitumen).
- For 1:20 grade walkways, 1200mm flat landings are required every 15M.
- The floor surface abutting the sides of the walkway to be provided with a firm and level surface (of 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.
- At 60 to 90-degree bends in pathways provide a 1500mmx1500mm space with maximum 500mm splay permitted at internal corner.

Compliance

Complies with spatial requirements

Comments

Details to be verified at the CC stage of works.



Requirement

Common use 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)
- Where timber decking and boardwalks are provided it is recommended that AS1428.1-2021 requirements be followed.

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

Capable of compliance

Comments

Details to be verified at the CC stage of works.

Requirement

External Door threshold ramps to main entry door

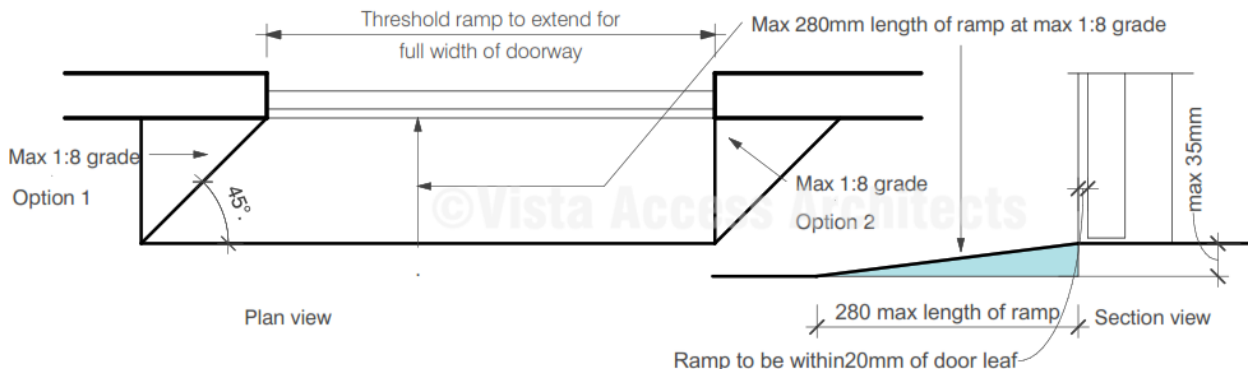
- Door thresholds are to be level, or they can incorporate a doorway threshold ramp with a maximum grade of 1:8, for maximum rise of 35mm and a maximum length of 280mm and located within 20mm of the door leaf, with edges to be tapered or splayed at a minimum of 45° where it does not abut a wall.

Compliance

Capable of compliance

Comments

Details to be verified at the CC stage of works.



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

Requirement

Every common use **Ramp** with grades steeper than 1:20 and less than or equal to 1:14 (excluding fire-isolated ramp) is to be compliant with AS1428.1, including (but not limited to):

- Maximum gradient of 1:14 with 1.2M flat landings at top, bottom and at maximum 9M of ramp and appropriate turning spaces as required by AS1428.1.
- 1M clear width to be provided between handrails / kerb / kerbrails. (curved ramps to be min 1.5M width between handrails / kerb / kerbrails with crossfall towards the centre of curvature) and located at height between 865mm-1000mm above FFL (finished floor level)
- AS1428 compliant handrails and kerbs to be provided on both sides with appropriate extensions

Compliance

Capable of compliance

Comments

Detailed features will be assessed with the requirements of AS1428.1 at the CC stage of works.

Statement of Experience

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



Farah Madon - Director

- ACA Accredited Access Consultant
- NDIS Accredited SDA Assessor
- Livable Housing Assessor
- Changing Places Assessor

- Accredited and Fellow member of the Access Consultants Association (ACA) - 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) - 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

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:

- President of Access Consultants Association (previously known as ACAA)
- Member of Standards Australia's ME-064 Committee responsible for the AS4299 and AS1428 suite of standards.
- Community Representative Member of the Penrith City Council's Access Committee
- Member of Australian Institute of Architect's National Enabling Architecture Committee (NEAC)
- Member of Changing Places Australia Technical Advisory Team

Some Recent Awards presented to Farah include:

- 2023 Mulgoa Local Woman of the Year
- 2022 ACAA Fellow Award
- 2021 Australian Access Awards - Winner for the Educational App of the Year - SDA Tools
- 2021 Excellence in Inclusion - Altitude Awards
- 2019 Penrith Citizen of the Year
- 2019 ACAA Access Inclusion Award





Vanessa Griffin

- ACA Accredited Access Consultant
- NDIS Accredited SDA Assessor
- Livable Housing Assessor
- Changing Places Assessor

- Accredited member of ACA (previously ACAA) - 500
- NDIS Accredited SDA Assessor SDA00009
- Registered LHA Assessor - 20035
- Registered Assessor of Changing Places Australia - CP010



Jenny Desai

- ACA Accredited Access Consultant
- NDIS Accredited SDA Assessor
- Livable Housing Assessor

- Accredited member of ACA (previously ACAA) - 572
- NDIS Accredited SDA Assessor SDA00043
- Registered LHA Assessor - 20242
- Master's degree in Design M.Des



Art Phonsawat

- ACA Accredited Access Consultant
- NDIS Accredited SDA Assessor
- Livable Housing Assessor

- Accredited member of ACA (previously ACAA) - 695
- NDIS Accredited SDA Assessor
- Registered LHA Assessor



Trin Woo

- ACA Affiliate Access Consultant

- Affiliate Member of ACA (previously ACAA) - 776
- Bachelor's degree in Architecture B.Arch



Swapna Menon

- ACA Affiliate Access Consultant

- Affiliate Member of the ACA (previously ACAA) - 798
- Bachelor's degree in Architecture B.Arch



Rodney Shepherd

- ACA Affiliate Access Consultant

- Affiliate Member of ACA (previously ACAA) - 751
- Master's Degree in Building Surveying (Distinction)

