

DDA Consultant Advice Memo

To: Taronga Zoo – Kristine Marshall
From: Paul O’Shannassy
Date: 07.04.2021
Project: Taronga – Upper Australia Refurbishment
MSA Ref: MSA2080_DDA_Memo1

Re: Upper Australia SSDA Modification - Accessibility (DDA) review of revised dingo exhibit pathway & southern link

Introduction

MSA have been requested to provide a high-level Accessibility assessment of design amendments subject to the proposed SSDA Modification.

The modifications primarily comprise amendments to the dingo exhibit pathway & 'southern link'.

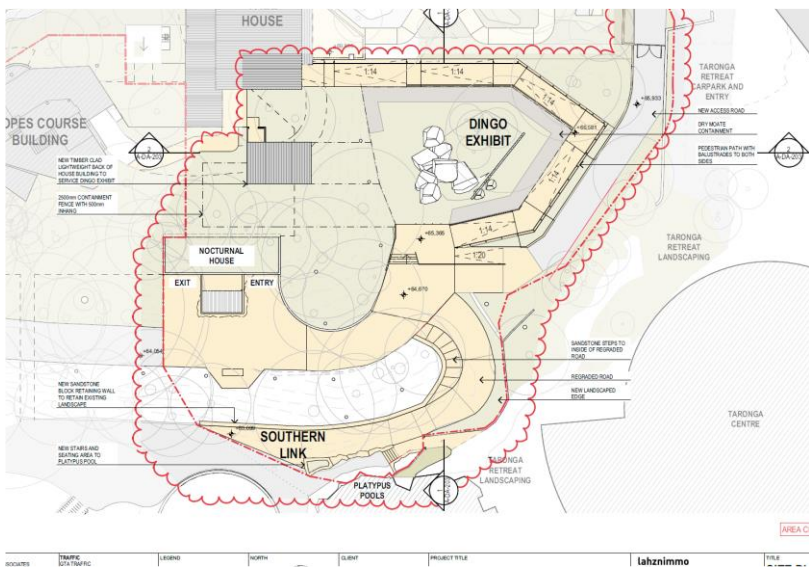
The following plans prepared by Lahznimmo Architects:

TARONGA UPPER AUSTRALIA EXHIBIT

DRAWING LIST

- A-DA-2-00 COVER PAGE
- A-DA-2-01 SITE DEMOLITION PLAN
- A-DA-2-02 SITE PLAN
- A-DA-2-03 SITE SECTIONS / ELEVATIONS
- A-DA-2-04 BOUNDARY FENCE
- A-DA-2-05 DINGO EXHIBIT
- A-DA-2-06 SHADOW DIAGRAMS
- A-DA-2-07 TREE PROTECTION PLAN
- A-DA-2-08 PROPOSED LANDSCAPE PLAN
- A-DA-2-09 PLANTING ZONES
- A-DA-2-10 PLANTING SCHEDULE
- A-DA-2-11 SITE SURFACE TREATMENT PLAN
- A-DA-2-12 LEVEL PLAN

The works subject to this assessment are detailed in the site plan extract below.



Assessment

For the purposes of this assessment, the subject works are generally described as being:

1. The pathway around the dingo exhibit (a series of ramps and landings)
2. The 'southern link' (the pedestrian 'path' linking the lower (southern) external space adjacent the platypus pools to the lower portion of the dingo exhibit and entrances to nocturnal house. This path is existing and is proposed to be modified to provide a gentler grade for pedestrians.

Dingo Exhibit Pathway – Compliance Comments & Recommendations

The pathway is directly associated with the dingo exhibit and although not forming a 'building' (for the purposes of BCA compliance) is recommended by MSA to be 'accessible' (i.e. generally complying with AS1428.1).

The pathway primarily comprises a series of ramps and landings (with additional stairs and a 1:20 'walkway' provided to the south).

The location, grades and dimensions of the ramps (& stairs/walkway) are generally compliant with AS1428.1 & therefore deemed 'accessible'.

Further details would typically be provided during detailed design stage to include:

- Handrails – accessible handrails required to both sides of stairs and ramps
- Kerb rails/Kickplates – required to the sides of ramps & walkways
- Tactile Ground Surface Indicators (TGSI's) – required to top and bottom of ramps and stairs (noting that TGSI's are not required to mid landings where a continuous handrail is provided).
- Stairs details - solid risers & contrasting non-slip nosing strips
- Floor surfaces (of ramps and landings) – to be non-slip and traversable by wheelchair

Southern Link

The works proposed to the existing 'southern link' generally involved the widening & repositioning of the path resulting in an overall shallower grade.

It is noted that this area serves as a pedestrian link between levels of the zoo, but is not considered to be directly associated with a particular 'building' and as such not considered to attract the accessibility requirements of the BCA or 'Access to Premises Standards' (similar to a public footpath in this regard).

Notwithstanding, the proposed works will improve general accessibility including pram access.

General (advisory) recommendations to be considered include:

1. Provision of handrails, kerbrails
2. Provision of slip resistance path surface
3. Seating for rest
4. Lighting above the pathways

Conclusion

Subject to the above assessment, the works subject to the SSDA modification are considered to be capable of compliance with the relevant accessibility requirements within the constraints of the current design.

Further details to be provided during detailed design.

Should you have any further questions, please don't hesitate to contact the undersigned on (02) 9387 4441 or by email paul@msaconsultants.com.au



Paul O'Shannassy

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