



# ATTACHMENTS EXCLUDED FROM AGENDA ORDINARY COUNCIL MEETING 27 JULY 2023

MEMBERSHIP: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, J Gough, R Ivey, D Mahon, P Wells and M Wright.

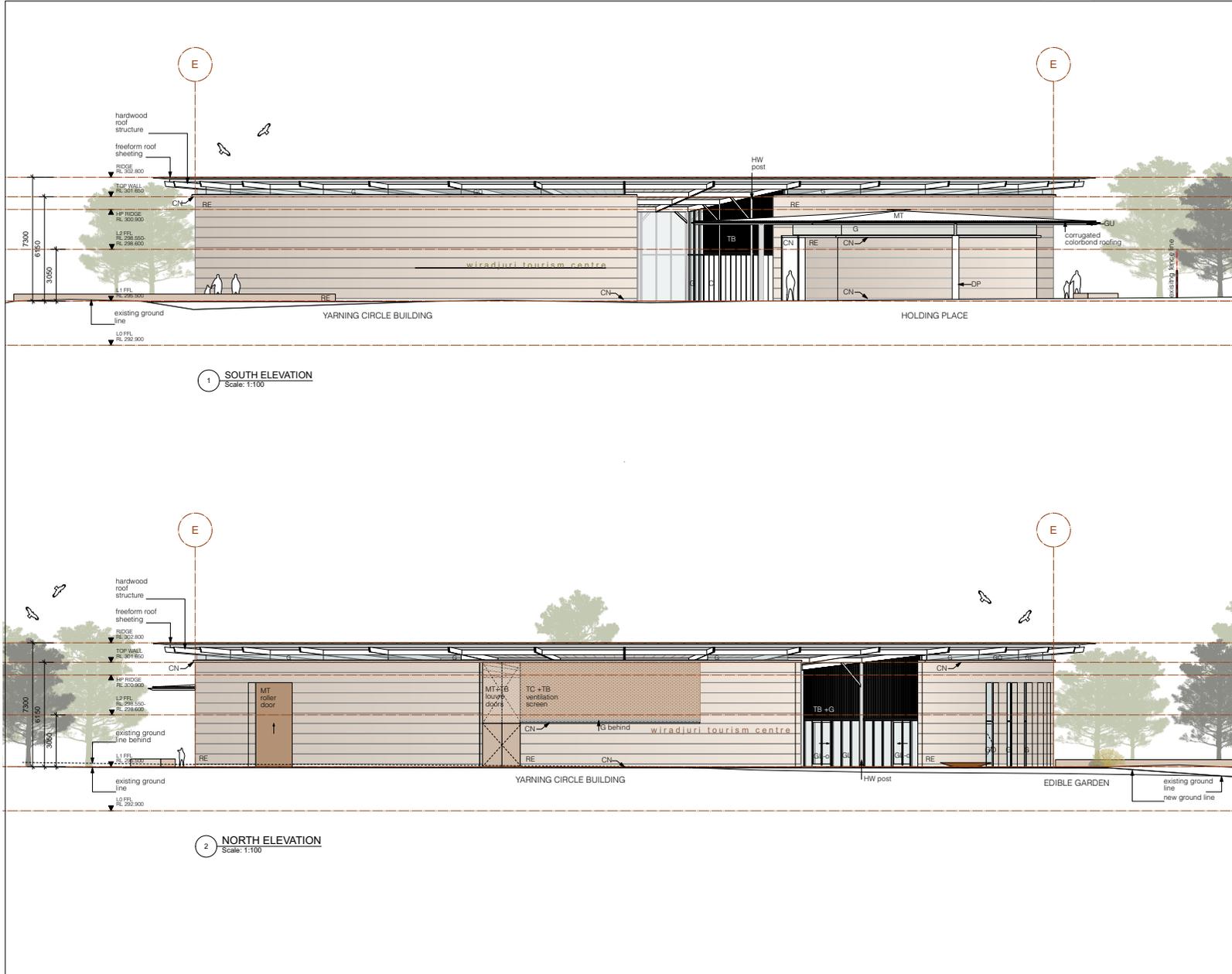
The meeting is scheduled to commence at 5.30pm.

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Page

## **CCL23/202 Growing Regions Program Round 1 - Expressions of Interest**

<b>Attachment 1:</b>	Wiradjuri Tourism Centre - Elevations and sections (DA) .....	2
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PLOT DATE: 21/03/23  
 FILE NAME: WT ELEV/SECTIONS v0202.rvt  
**DRAWING ISSUE**

1	DA SUBMISSION	10/05/23
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**NOTES**

**FINISHES LEGEND**

- boundary
- concrete (elevation)
- concrete block
- concrete topping (section)
- concrete (section)
- demolished
- glass
- gravel
- ground existing
- ground fill
- timber (section)
- rammed earth (section)
- sand
- structural steel - section

**TAG LEGEND**

- B bitumen
- C cladding
- CB concrete block
- CN concrete
- CT corten
- DP down pipe
- FCL finished ceiling level
- FFL finished floor level
- PLY1 formply
- FW floor waste
- GL glass fixed
- GO glass operable
- GU gutter
- GU hardwood
- INS insulation
- LB lining board
- MT metal
- RE rammed earth
- TB timber
- TC terracotta

**Acknowledgement to Country**  
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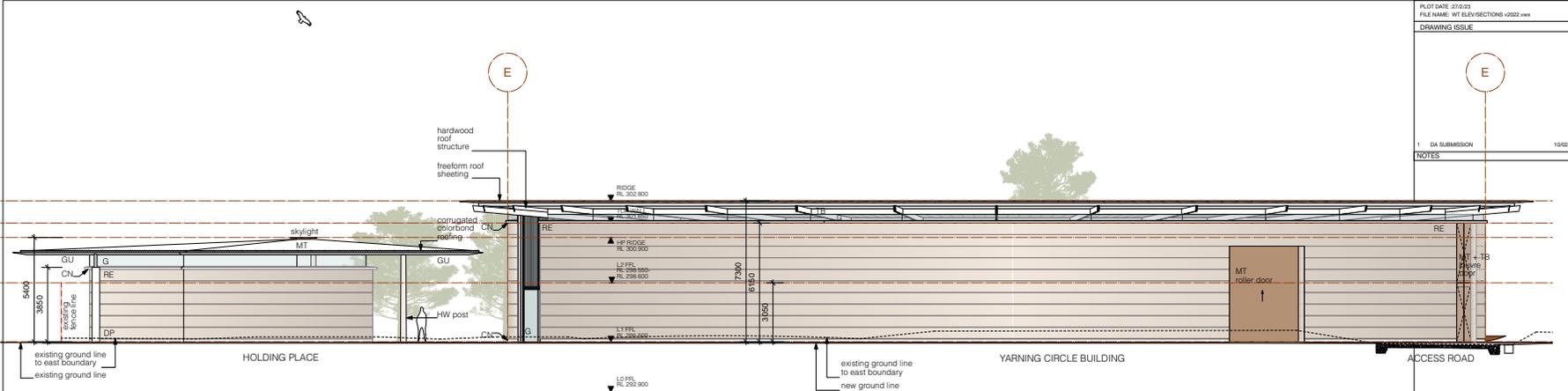
**Project WIRADJURI TOURISM CENTRE**  
 Client Dubbo Regional Council  
 Project Address ELIZABETH PARK  
 Corner of Windsor Parade and Birch Avenue  
 Dubbo, NSW 2830

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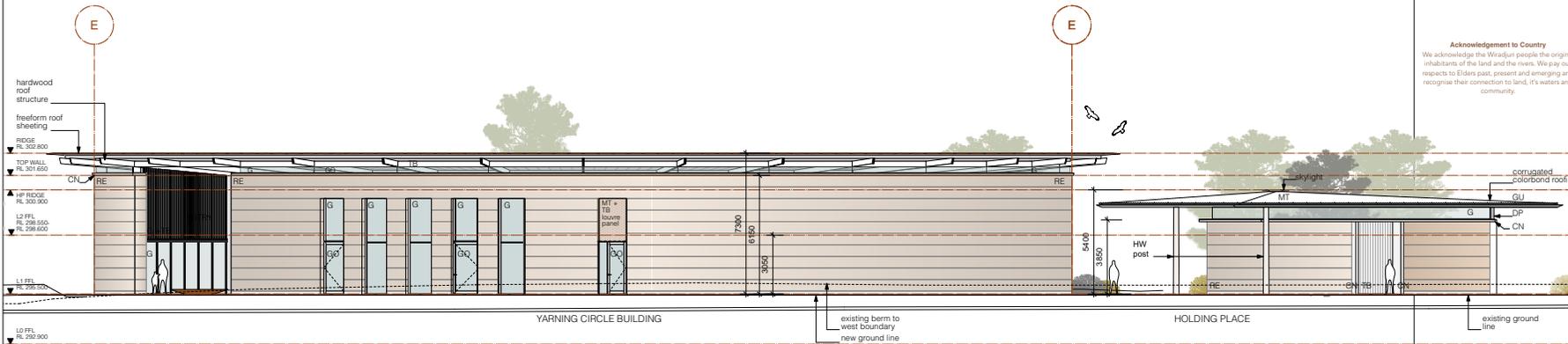
Drawn By: BK Checked By: BK  
 Scale: 1:100 at A1  
 Drawing North + South Elevation  
 Issue 1 DA 200

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PLOT DATE: 27/03/23  
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 DRAWING ISSUE  
 1 DA SUBMISSION 10/02/23  
 NOTES



1 EAST ELEVATION  
 Scale: 1:100



2 WEST ELEVATION  
 Scale: 1:100

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TAG LEGEND	FINISHES LEGEND
B bitumen	— boundary
C cladding	■ concrete (elevation)
CB concrete block	■ concrete block
CN concrete	■ concrete topping (section)
CT corten	■ concrete (section)
DP down pipe	--- demolished
FCL finished ceiling level	■ glass
FLL finished floor level	■ gravel
PLY1 formply	■ ground existing
FW floor waste	■ ground fill
GL glass fixed	■ timber (section)
GO glass operable	■ rammed earth (section)
GU gutter	■ sand
HW hardwood	■ structural steel - section
INS insulation	
LB lining board	
MT metal	
RE rammed earth	
TB timber	
TC terracotta	

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 Drawing  
**East + West Elevation**  
 Issue  
 1  
 Drawing No.  
 DA 201





1 SECTION 1- HOLDING PLACE  
Scale: 1:50

PLOT DATE: 21/03/23  
FILE NAME: WT ELEV/SECTIONS v0202.vwk

DRAWING ISSUE

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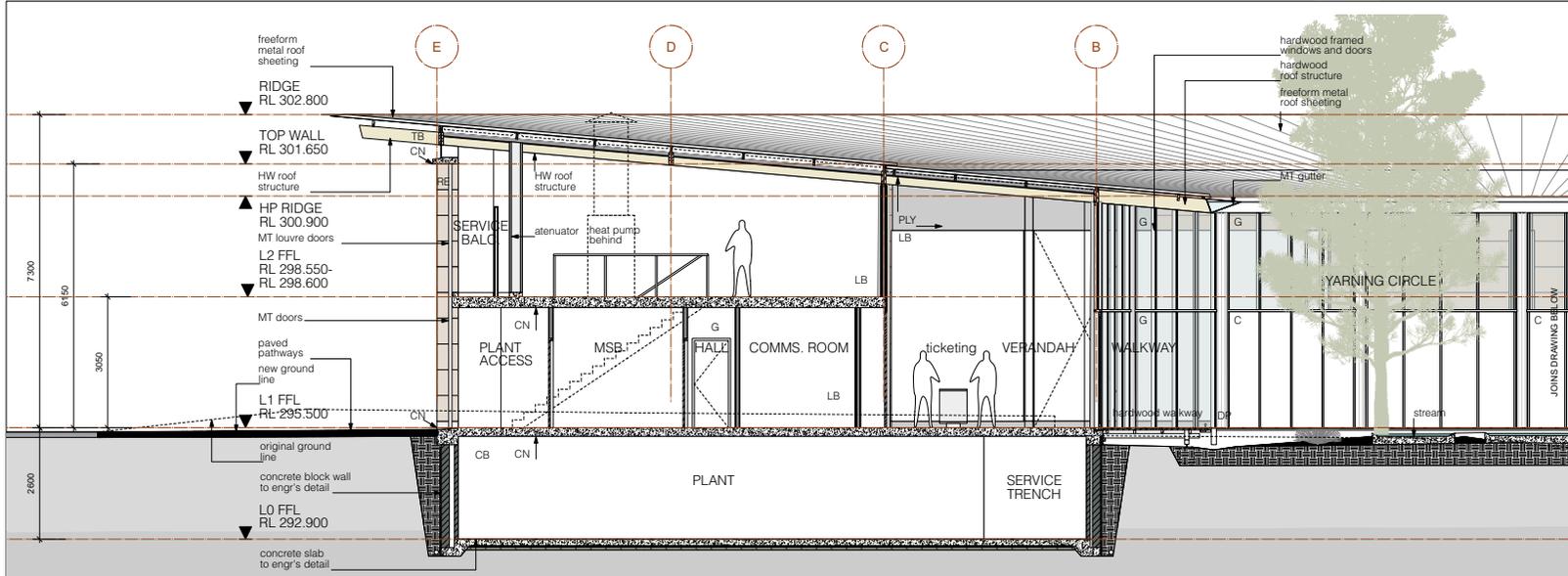
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Section 1 Holding Place  
Issue 1 Drawing No: DA 301

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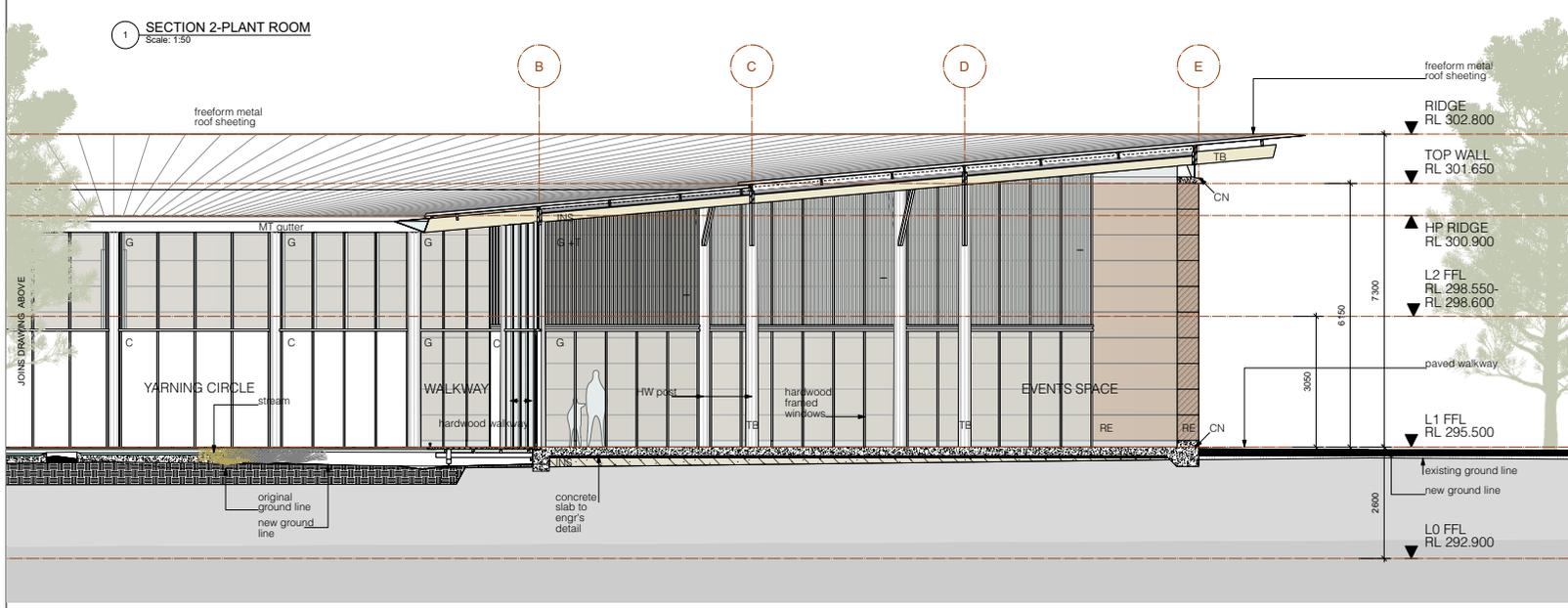


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1 SECTION 2-PLANT ROOM  
 Scale: 1:50



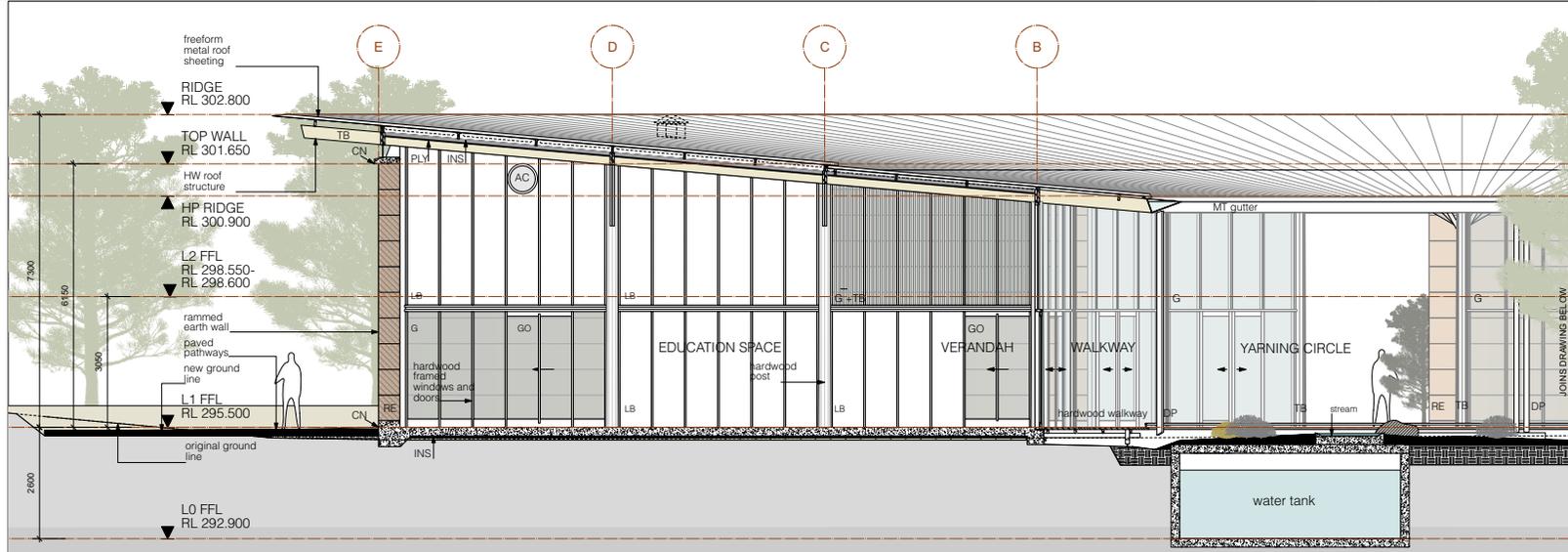
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 Drawing  
 Section 2 YCB Plant + Events  
 Issue 1  
 Drawing No. DA 302

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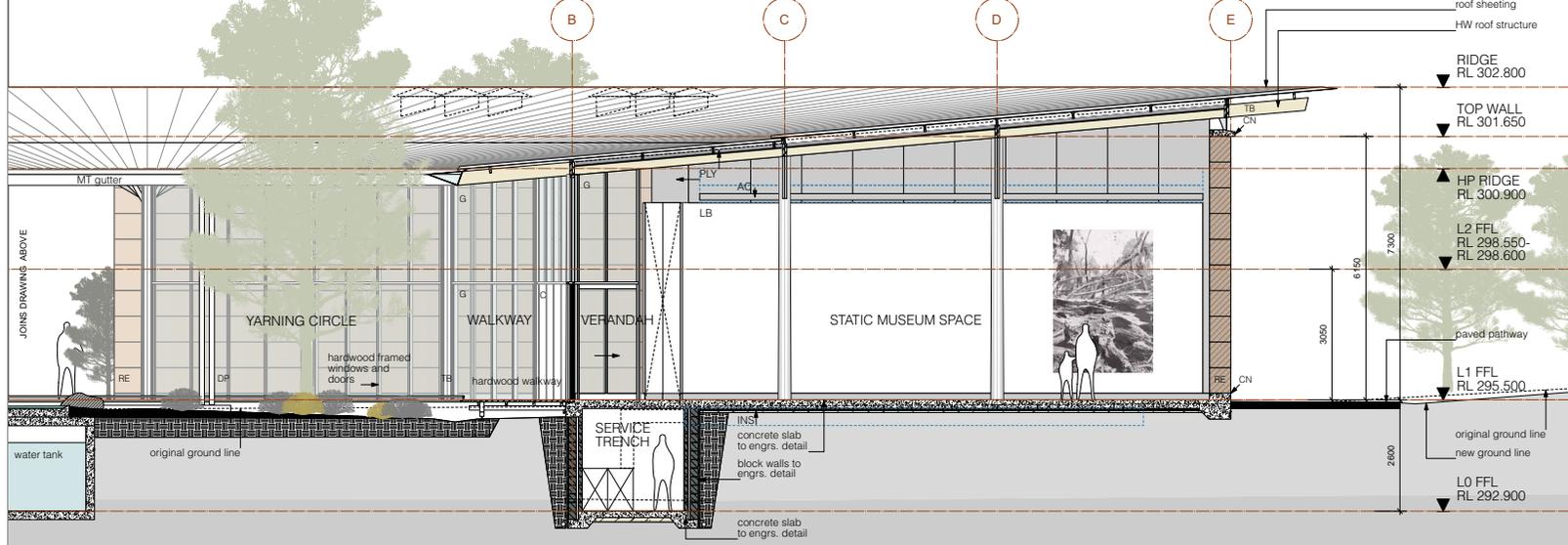
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1 DA SUBMISSION 10/02/23

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1 SECTION 3-EDUCATION SPACE  
 Scale: 1:50



2 SECTION 3-STATIC MUSEUM SPACE  
 Scale: 1:50

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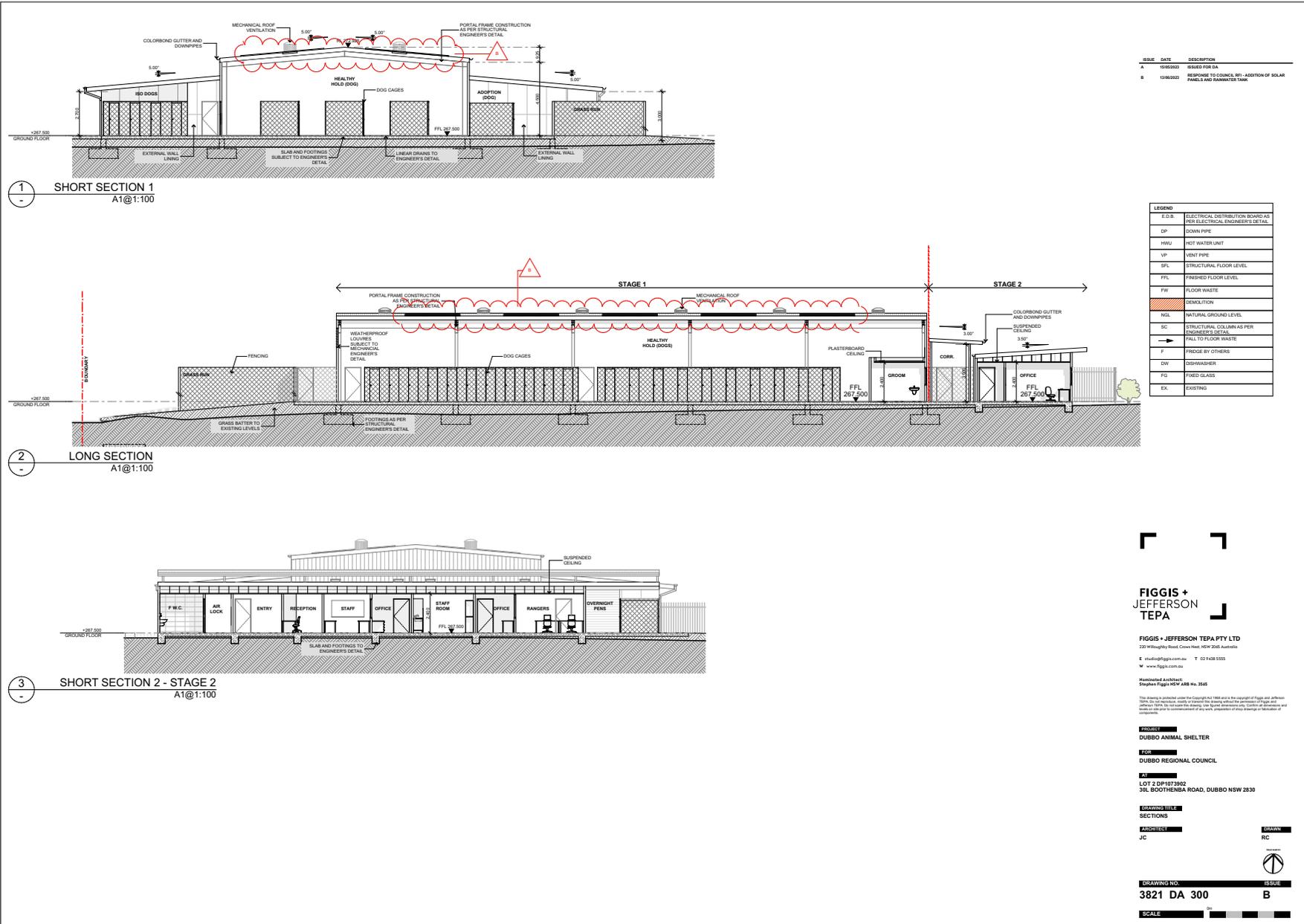
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Drawing  
 Section 3 YCB  
 Education + Static  
 DA 303  
 Issue  
 1

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# Soil Conservation Service



CM9 Ref  
03/03/2023

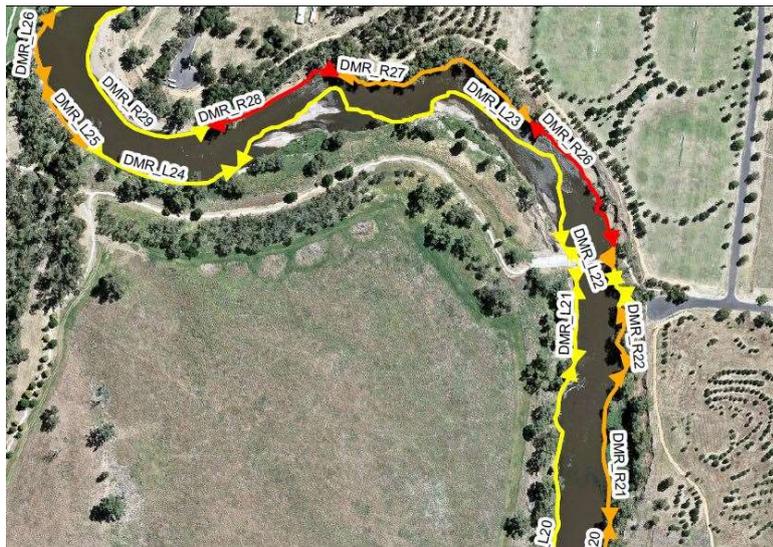
## Dubbo Regional Council – Flood Response 2022 Priority Site Summary – Site 4 – Sandy Beach – Dubbo NSW

The site visit at Sandy Beach, Dubbo NSW involved a visual inspection of the right bank of the Macquarie River downstream of the pedestrian footbridge on 29/11/2022.

### River Context

The inspection extent is located on the outside bend of the Macquarie River approximately 600m downstream of the pedestrian bridge at Lady Cutler Oval. This summary focusses on an approximate 200 m section encompassing bank section DMR\_R28. The River Health Report (SCS 2018) identified the section as having severe instability with the expectation that the next major flow event would result in further substantial bank retreat.

The bank section is surrounded by parklands on both banks and is located immediately upstream of Sandy Beach, an area of high public utilisation for river access. The Macquarie River abuts the valley margin downstream of the inspection reach on the left bank.



The Soil Conservation Service acknowledges the traditional custodians of the land where we live and work and pays respect to Elders past, present and emerging. Through our work on what was and always will be Aboriginal land, we commit to our shared responsibility to heal and protect Country for all future generations.



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 [www.linkedin.com/company/soil-conservation-service](https://www.linkedin.com/company/soil-conservation-service)

## Site Observations

A summary of key site observations is provided below:

- Based on Nearmap Imagery, bank section DMR\_R28 has retreated by between 5 to 8 metres since August 2011, with the bulk of retreat occurring between late 2021 and late 2022.
- Steep to near-vertical banks are still present in Section DMR\_R28 and exhibit vertically accreted sandy silt sediments above the water level at the time of the inspection (Photo 1).
- Recent erosion of the bank was evident at the time of the inspection, with freshly fallen saplings lying on the bank.
- The 2018 assessment was undertaken at time of lower flow levels and identified a gravel/cobble layer exists along the lower approximate 1 metre of the bank profile (Photo 2). This layer has a gentler grade than the overlying sandy silt sediments, indicating that the gravel layer is more erosion resistant. This affords some stability to the toe of the bank and may limit the overall rate of bank retreat.
- The current bank is largely devoid of vegetation and given the steepness and lack of any bench feature along the bank the potential for vegetation to establish along the bank is very limited.

## Current and Likely Future Issues

Following further discussion with DRC and after preliminary desktop review, SCS have identified the following current and future issues for the inspection reach:

- Public safety risk due to proximity of path being between 7 and 10 m from the current top of bank. Other public assets (shelters, barbeque and watercraft storage) are also located within 30 to 40 m of the current top of bank.
- The limited potential to establish vegetation on the bank means that without major works this bank section is likely to keep experiencing bank retreat.

## Proposed Options

Following further discussion with DRC and after preliminary desktop review, SCS propose the following options to address bank instability and public safety risk along this bank section:

1. The options provided for this reach in the River Health Report 2018 are still applicable to mitigate further bank retreat. This included a recommendation of fencing as a minimum to restrict public access to the bank edge to mitigate safety risks. Significant bank and rehabilitation work involving bank reshaping and toe protection via up to 8 deflector structures would be required to stabilise the bank.
2. Realign the pedestrian access path and establish a vegetated buffer 20-30m distance from the bank retreat scarp to improve public safety. This is considered a temporary measure only as it is expected that this bank section will continue to retreat through erosion during flood events. As a result, a realigned path will likely be impacted by bank retreat in the future.

## Recommendations

To address the bank instability, DRC should consider and implement bank stabilisation works consisting of either a series of 8 log deflector structures or provision of a rock protected, lower bank bench with 3 to 4 embedded log deflectors.

Flood Response 2022 - Site Summary – Lady Cutler Park, Dubbo NSW

Photo 1: DMR\_R 28 – During site inspection, water levels were still elevated.



Photo 2: DMR\_R 28 – During site inspection in 2018 displaying gravel/cobble layers in bank toe.

