

DESIGN PRINCIPLES

Building & Architectural

- Provide a dedicated and independent *Learn to Swim Centre* as part of the existing Aquatic Centre
- Create a new building with a distinctive architectural quality that reinforces the progressive character of Orange City Council.
- Recognise the *scale* and character of Warrendine Street whilst designing a new building that provides for current and future requirements within the Aquatic Centre
- Provide an all weather 'link' between the existing centre and the new structure for staff and patrons whilst providing a discreet entrance for Learn to Swim patrons

Accessibility

- Create a fully 'Accessible' building that complies with current standards and legislation taking into account the significant 3.2 m drop in level from Warrendine Street to the existing outdoor pool concourse and Indoor pool complex

Environmental & Sustainable Design

- Ensure that the long northern frontage that faces the existing outdoor pool is taken full advantage of in terms of passively warming the building in winter months and creates spaces where people can relax and take advantage of a sunny aspect
- Use sustainable energy sources for pool heating and air comfort of the structure utilizing the north facing roof for solar panels. Aim to reduce Air Conditioning and Lighting to as passive as possible. Investigate GeoExchange systems for pre-heating water to reduce electrical load.
- Understand the implications of high moisture content within the pool hall and its tendency to condense on any horizontal surfaces & windows . Use rust free and carbon neutralising products where possible
- Commit to ensuring that the new building is sustainable, resilient for the future climate and bring NSW closer to net zero emissions through the choice of materials and potential carbon sequestering (Note the new *NSW Sustainability SEPP 2023*)

Functionality

- Servicing the pool needs to be as simple and streamlined as possible including deliveries of gas and chems, waste and other deliveries that do not clash with general usage of the building
- Streamline patron and staff interaction. Allow for future tech such as audio visual displays and interactive screens
- Enhance staff facilities above what currently exists providing further individual spaces, meeting rooms and access to outdoor areas that can be isolated also for staff purposes
- Provide discreet and secure staff parking with easy access to work whilst retaining the existing emergency access located in the far west corner of the site
- Patrons can park on Warrendine Street or continue to use the existing Hill Street parking area with a new access path that will link the carpark with the existing footpath or access the Learn to Swim through the current reception in the Aquatic Centre
- Tidy up the current concrete area use for pool cover and other miscellaneous elements by dedicating a more readily accessible concealed store room that also contributes to the architectural quality of the outdoor pool concourse. The current storage yard will be converted to a new landscaped courtyard that will be able to be used by different groups at different times and will be a wind protected north facing sun-trap

Landscaping & Outdoors

- Minimise cut and fill on the site and allow the western end to flow into the original contours
- Retain some useful landscaping to the existing outdoor pool area given that the new building utilises the existing large grassed area
- Provide for generous areas around the pool and in other patron areas. Future proof the building for potential new uses that are not currently part of the brief,

Local First Nations & Historic Context

- Provide some art work that may recognise the importance of water to the history and culture of Orange
- Acknowledge Oranges' European history and interpret some of the forms of regional vernacular architecture
- Recognise that Orange City Council is situated within the traditional lands of the Wiradjuri Nation and respect the Wiradjuri people for their care and stewardship of these lands for more than 40,000 years

IMAGES



DESIGN PRINCIPLES & IMAGES

Hamor + Hall Architects

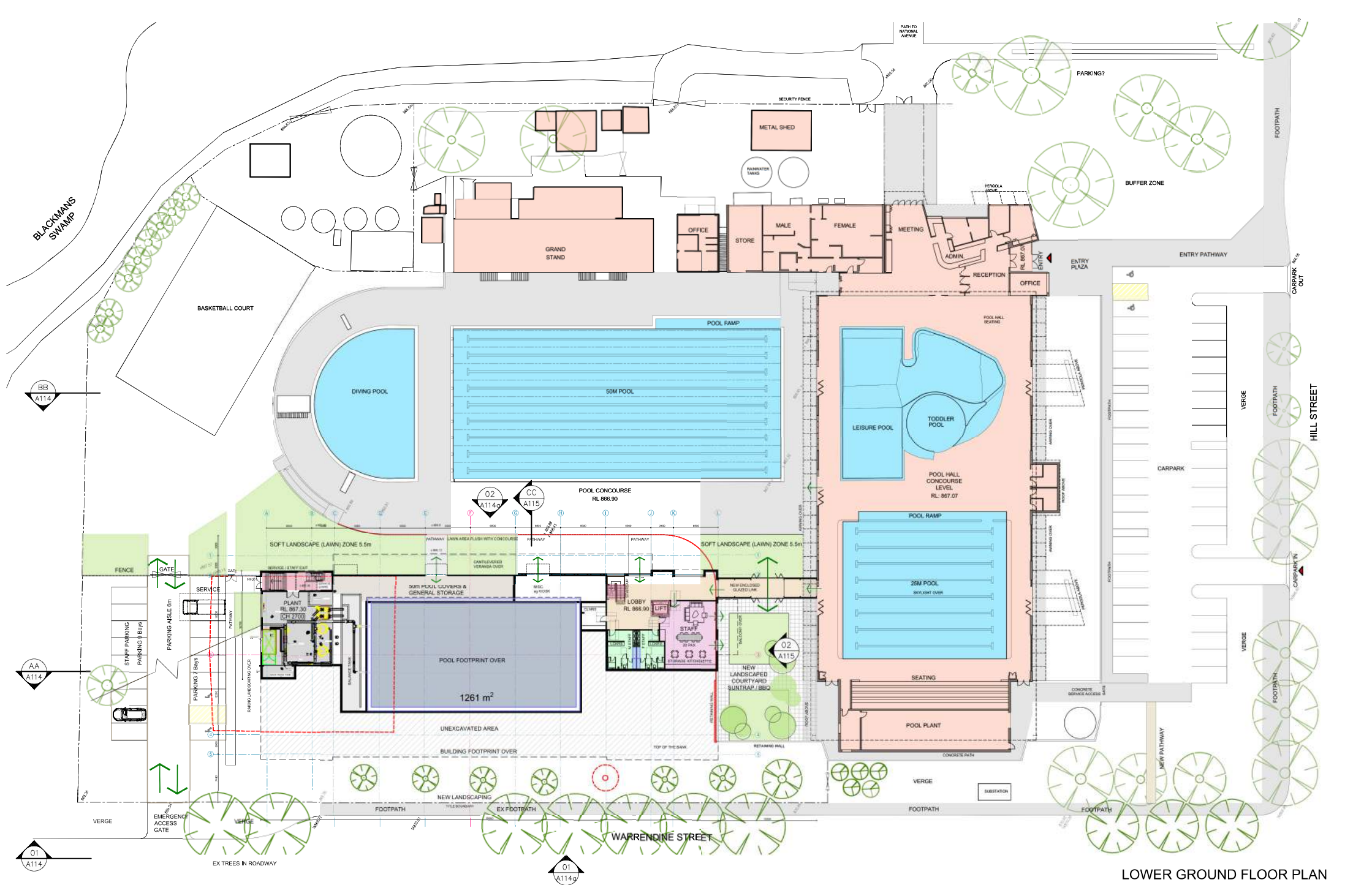
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ORANGE AQUATIC CENTRE
NEW LEARN TO SWIM CENTRE

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Rev.	Description	Date	13-10-23	00	Issued to Client	9 November 2023	23-18 / A / 110	00	00
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LOWER GROUND FLOOR PLAN

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ORANGE AQUATIC CENTRE NEW LEARN TO SWIM CENTRE

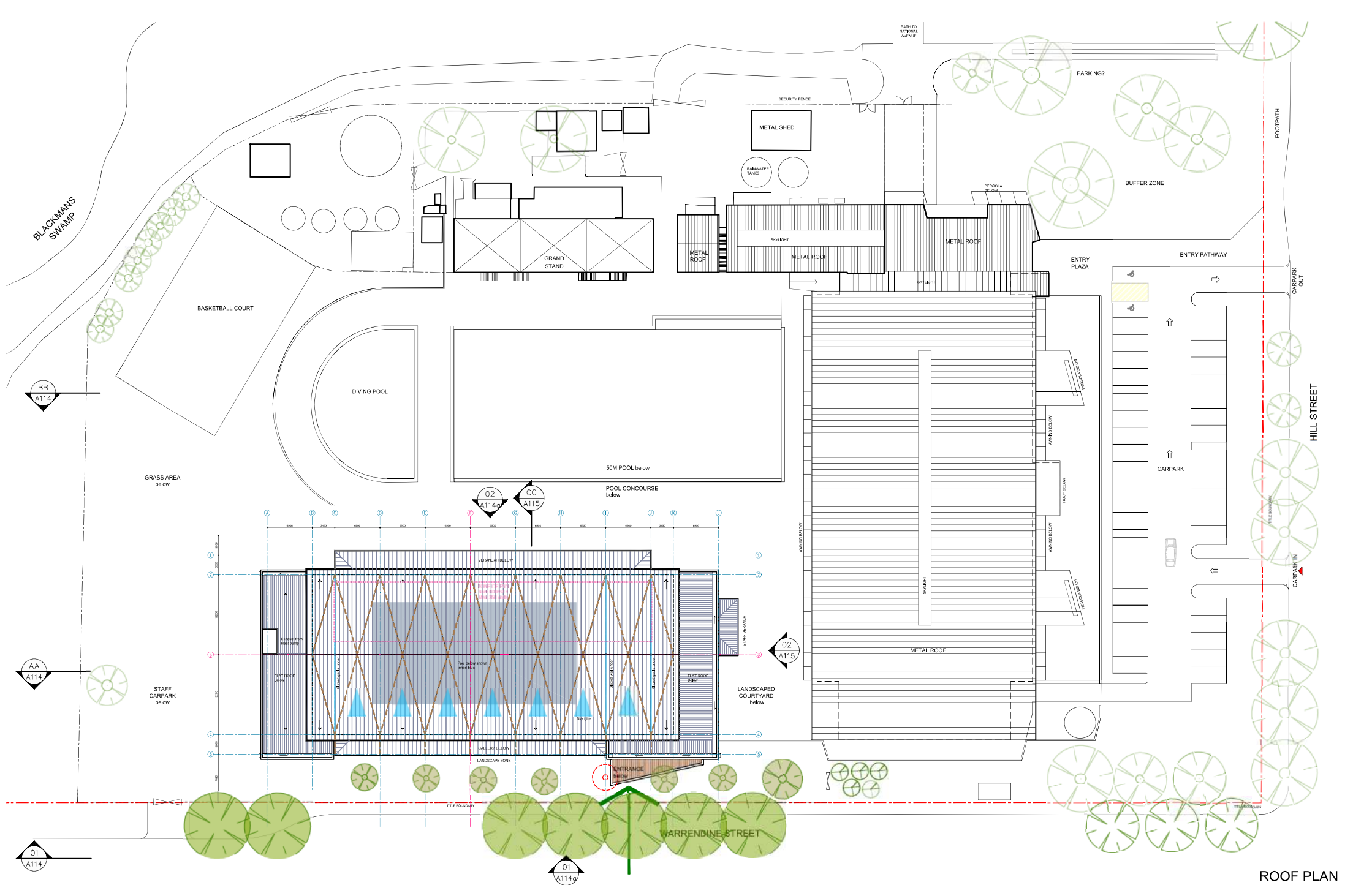
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Rev.	Description	Date
00	Issued to Client	13-10-23
01	Changes to Client	18-10-23
02	Further detail incl PWIT	30-10-23
03	Issued to Client	09-11-23

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0	5	10	12.5m	A1 1:250
Date Printed	9 November 2023	Drawing Number	23-18 / A / 111	Revision
				03

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ROOF PLAN

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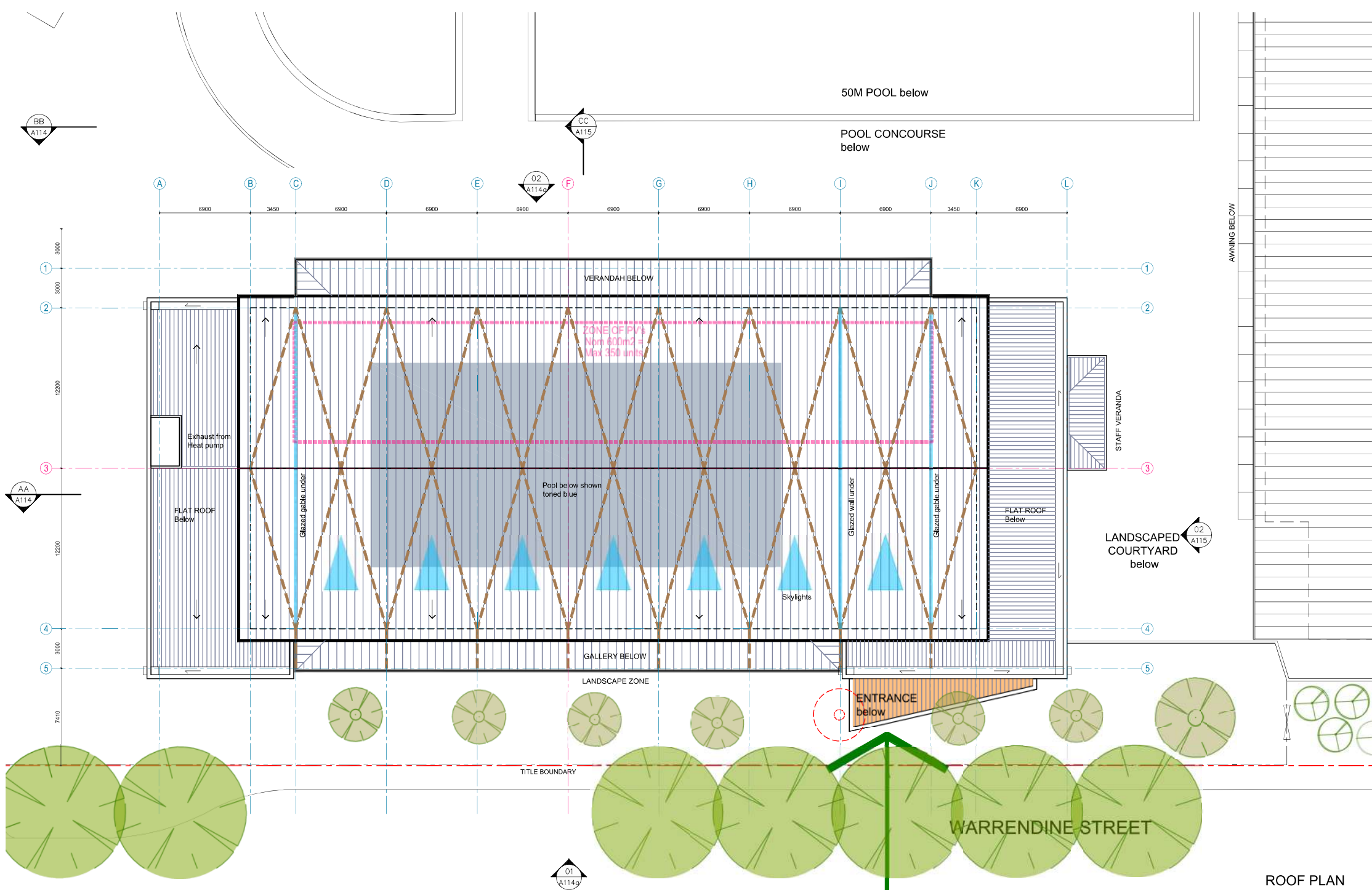


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9 November 2023	23-18 / A /	01

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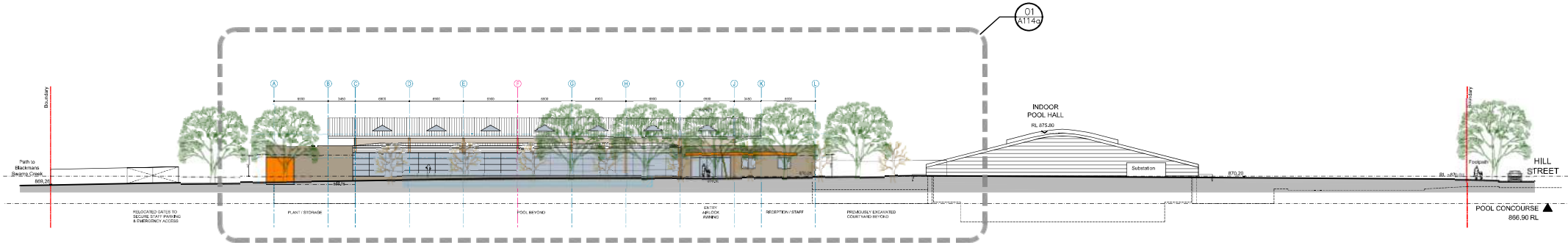
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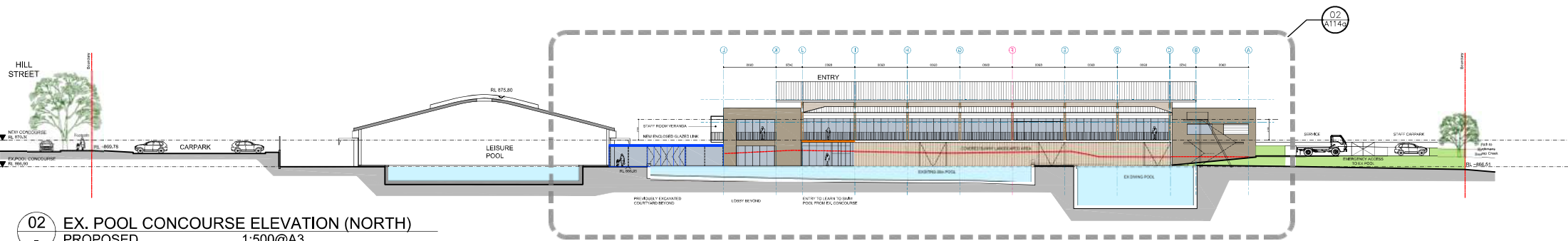
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Revision
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01 WARRENDINE STREET ELEVATION (SOUTH)
- PROPOSED 1:500@A3



02 EX. POOL CONCOURSE ELEVATION (NORTH)
- PROPOSED 1:500@A3

PROPOSED SITE ELEVATIONS

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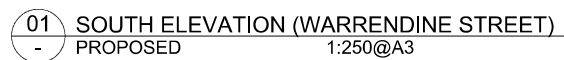
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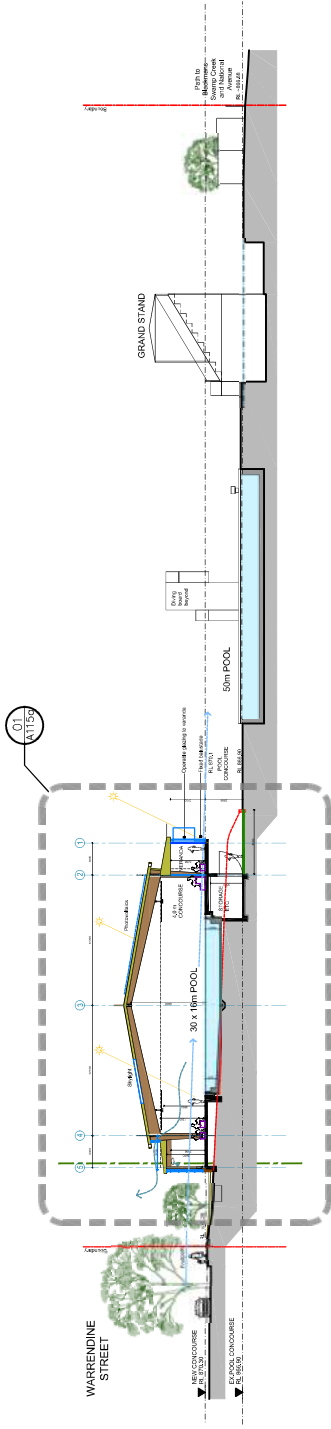
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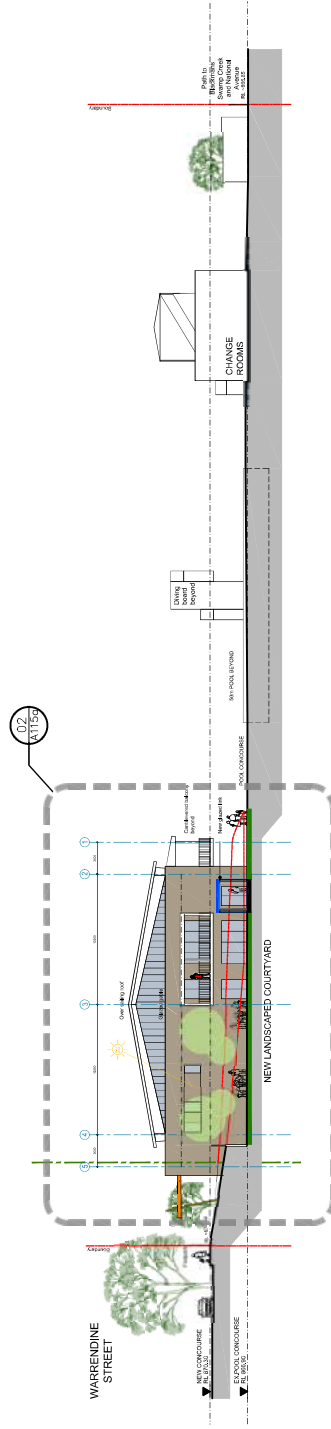
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01 SECTION CC
- PROPOSED
1:500@A3



02 EAST ELEVATION
- PROPOSED
1:500@A3

PROPOSED SITE CROSS SECTIONS

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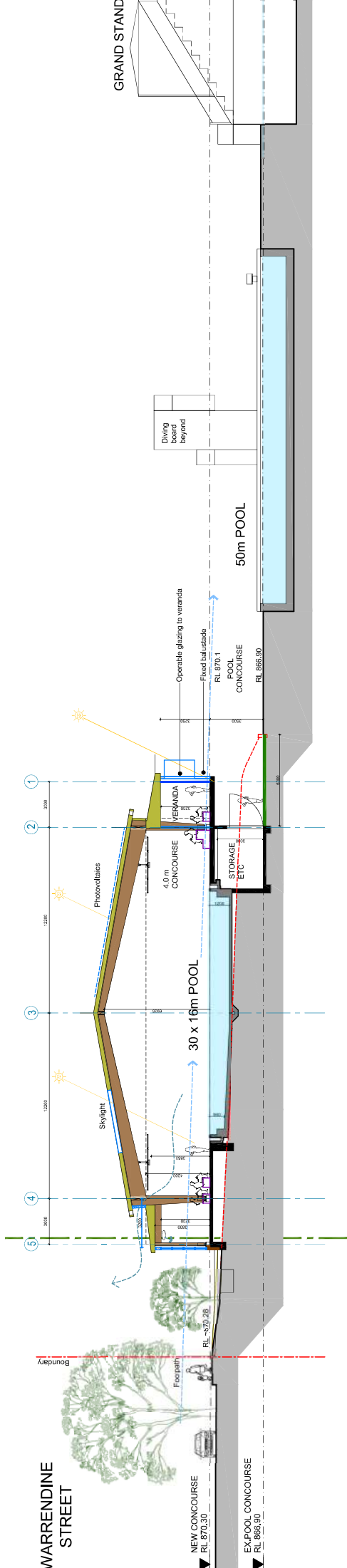
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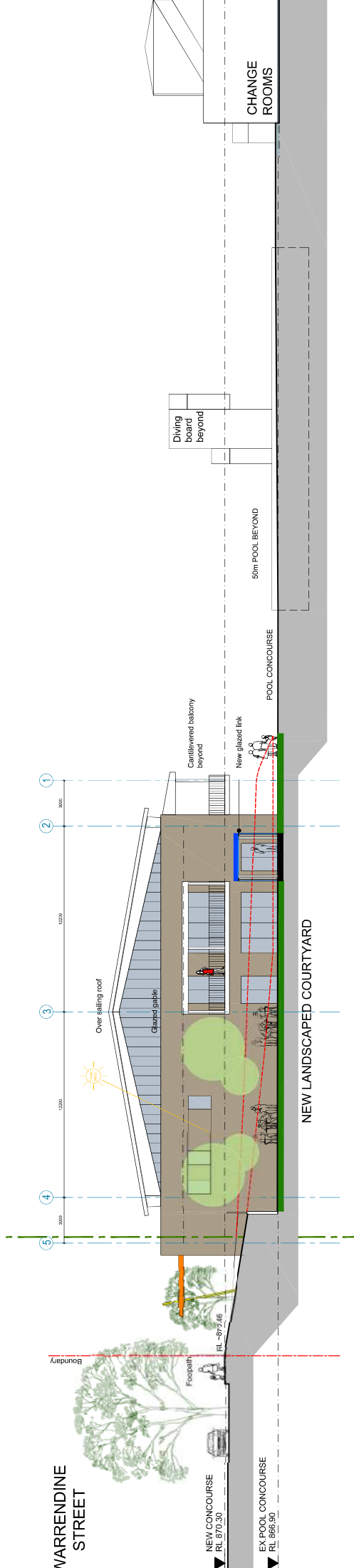
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0 5 10 15 20m
A3 1:500
A1 1:250



01 SECTION CC
- PROPOSED
1:250@A3



02 EAST ELEVATION
- PROPOSED
1:250@A3

PROPOSED CROSS SECTIONS