

Royal Prince Alfred Hospital North West Precinct Redevelopment

SECTION 75W APPLICATION

Architectural Design Statement

Submitted to Department of Planning and Infrastructure
On Behalf of Health Infrastructure



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1.0 INTRODUCTION

This statement provides an overview of two architectural elements that have been developed since the Preferred Project Report that was submitted to the Department of Planning on 23 November 2012. These developments have occurred with consideration to detailed design and achieving functional accommodation requirements.

This statement outlines the following areas that have been developed:

- Courtyard area requirements for Level 3 Acute Mental Health Inpatient Unit and Level 4 Female High Dependency Unit courtyards; and
- Ground level building entry and vehicle drop-off, whereby the amended design incorporates a dedicated disabled platform lift within the main entrance at Lucas Street, in lieu of the external disabled accessible ramp.

This statement also provides general commentary on updates to the architectural design and drawings since previously submitted to the Department of Planning. These are listed in Item 4.0.

2.0 COURTYARD AREA REQUIREMENTS

2.1 Level 3 Acute Mental Health Inpatient Unit courtyard; and Level 4 Female High Dependency Unit courtyard

In consultation with project stakeholders, including the NSW Ministry of Health, there has been some modification to the required area for the Mental Health unit courtyards as follows:

Level	Unit	Courtyard area shown in the Preferred Project Report	Courtyard area shown within this Application
3	Acute Mental Health Inpatient (25 Beds)	141.30	187.50
4	High Dependency – Female (12 Beds)	114.49	124.30

The amended design incorporates these requirements as follows:

- The Level 3 Acute Mental Health Inpatient Unit courtyard is extended west by 3.4metres, cantilevering over New Hospital Road; and
- The Level 4 Female High Dependency Unit courtyard is reconfigured, and extended west over New Hospital Road by 1.4metres and partially to the south to align with the building footprint extent.

Updated elevations are provided as part of the architectural drawings to incorporate the cantilevers as outlined above. Architecturally, the cantilevered levels provides some variation to the visual bulk of the west portion of the building, ensuring some

visual interest to the otherwise blocking and stacking of contiguous plant and courtyard levels.

3.0 GROUND LEVEL – BUILDING ENTRY AND VEHICLE DROP-OFF

3.1 Ground Level – Building entry/lobby and DDA Access

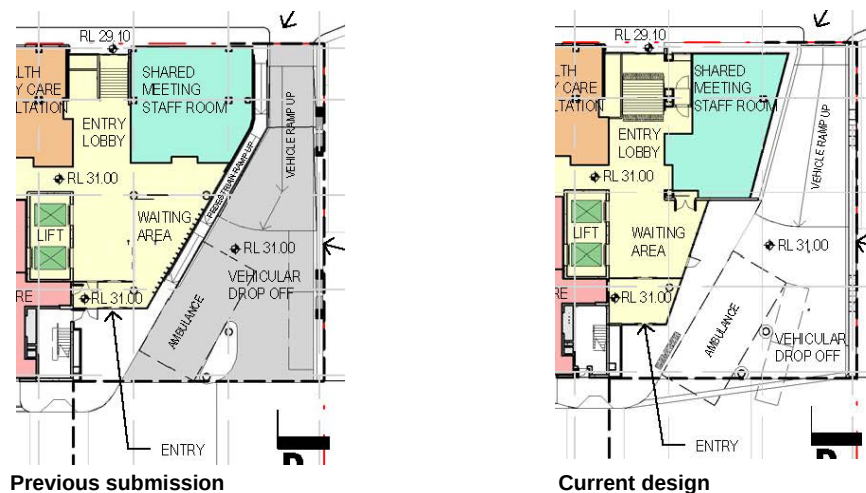


Figure 3.1.1 Previous and current designs for ground level entry and vehicle drop off

As part of design development, the disabled access ramp from Lucas Street was reconsidered in consultation with the DDA consultant and substituted for a disabled platform lift at the Lucas Street entry. This solution was considered for the following reasons:

- The setdown and structural profile of the disabled ramp had a significant impact on height clearances at the lower ground level, limiting vehicular movement and the use of the north-east corner of the car park;
- To create a centralised Lucas Street entrance for all visitors, patients and staff, regardless of their level of mobility;
- To separate pedestrian movement from the vehicular access ramp and entry;
- To provide a more efficient configuration of the vehicle drop off area, in particular increasing the proportion of the off-loading area and entry of patients from the ambulance/patient transport vehicles; and
- A rationalisation of access to the building, promoting a through link between Brodie Street and Lucas Street.

This response, as outlined, has meant some minor modification and rationalisation of the façade extent at ground floor level and level 1.

4.0 GENERAL UPDATES TO ARCHITECTURAL DESIGN

Further to and including the key architectural items outlined, we list general updates to the architectural design below, as part of this application.

Drawing	Title	Revision	Comment/updated item
DoP-050	Site Plan	3	Courtyard extensions to Levels 3 and 4.
DoP-100	Ground Level Plan	3	Ground level entry and vehicle drop off revised. DDA ramp removed, platform lift shown. Entry to the Mental Health Assessment Unit and Short Stay Units has been revised to eliminate the ramp on Brodie Street.
DoP-101	Level 1 Plan	3	Façade line altered in line with ground level changes.
DoP-103	Level 3 Plan	3	Increase to Level 3 courtyard.
DoP-104	Level 4 Plan	3	Increase to Level 4 Female HDU courtyard.
DoP-200	Elevation – Sheet 1	3	Minor changes to ground and level 1 glazing at entry and vehicle drop-off. Courtyard cantilever to Level 3.
DoP-201	Elevation – Sheet 2	3	Courtyard cantilever to Level 4. Revised MHAU and Short Stay unit entrance. Building configuration and extent within the entry and vehicle drop-off.
DoP-202	Elevation – Sheet 3	3	Increased extent of terracade cladding on the western façade to conceal mechanical ductwork.
DoP-600	Gross Floor Area Schedule	3	Ground Level, Level 3 and 4 external courtyard areas revised.