

26 July 2024

CPB Contractors  
Level 2, 177 Pacific Highway  
NORTH SYDNEY NSW

Attention: Kara McCormick

Dear Kara

**Re: ROYAL PRINCE ALFRED HOSPITAL REDEVELOPMENT  
PROPOSED REF6 – LEVEL 6 PLANT, BUILDING 89**

Reference is made to the proposed REF 6 works that are to be undertaken to Level 6 of the existing Building 89 at Royal Prince Alfred (RPA) Hospital at 50 Missenden Road, Camperdown.

The project involves the expansion of new mechanical services plant and associated works on Level 6 of Building 89. The proposed plant forms an extension of the exiting Building 89. The plant expansion is required to provide compliance upgrade and new infrastructure capacity for the hospital campus to serve ongoing and projected growth for the Emergency Department.

The new Mechanical plant is positioned adjacent to the proposed Molecular Imaging expansion project with existing campus buildings in close proximity such as Building 75, Building 63 and Building 64.

The location of the works relative to the existing buildings is detailed in the figure below:

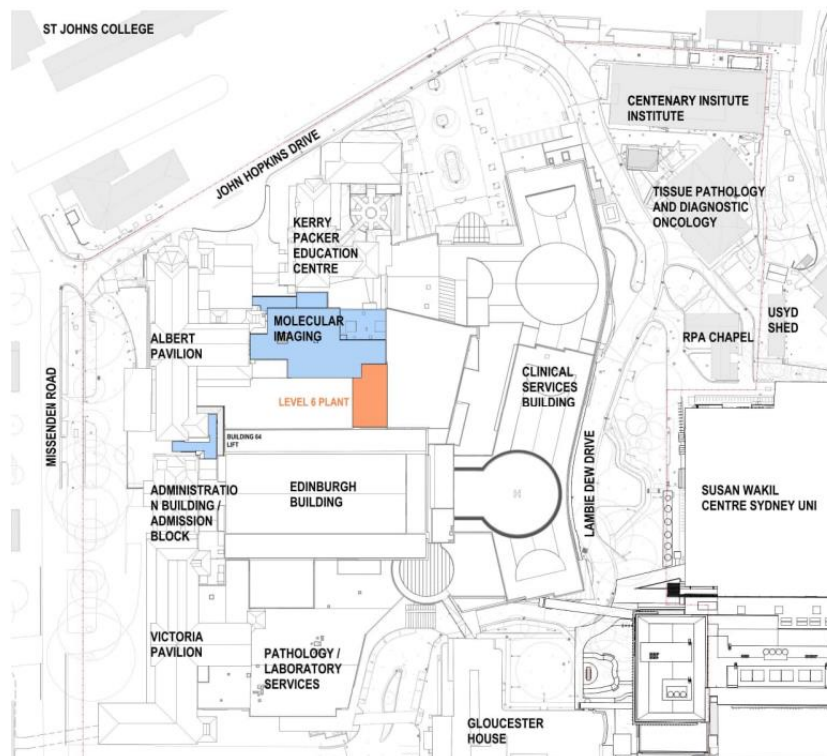


Figure No. 1 - RPA Hospital Site Plan detailing the location of the proposed Level 6 Plant Room to Level 06

**Liability limited by a scheme approved under Professional Standards Legislation.**

The proposed works consist of the following:

- + Removal of the existing Level 6 Mechanical Plant and making good
- + Penetrations for new services within the plant room
- + Building interface works to the existing adjacent campus buildings where impacted
- + Construction of new structure for lightweight steel roof, gutter, fascia works
- + Construction of new façade enclosure to plant room with a steel frame and metal stud framing
- + New façade system with the inclusion of a Solid Aluminium Cassette Cladding and Acoustic louvres
- + New construction of fire rated walls
- + Finishes within plant room as required

The proposed Floor Plan detailing the location of the Plant Room relative to the existing buildings is detailed in the figure below:

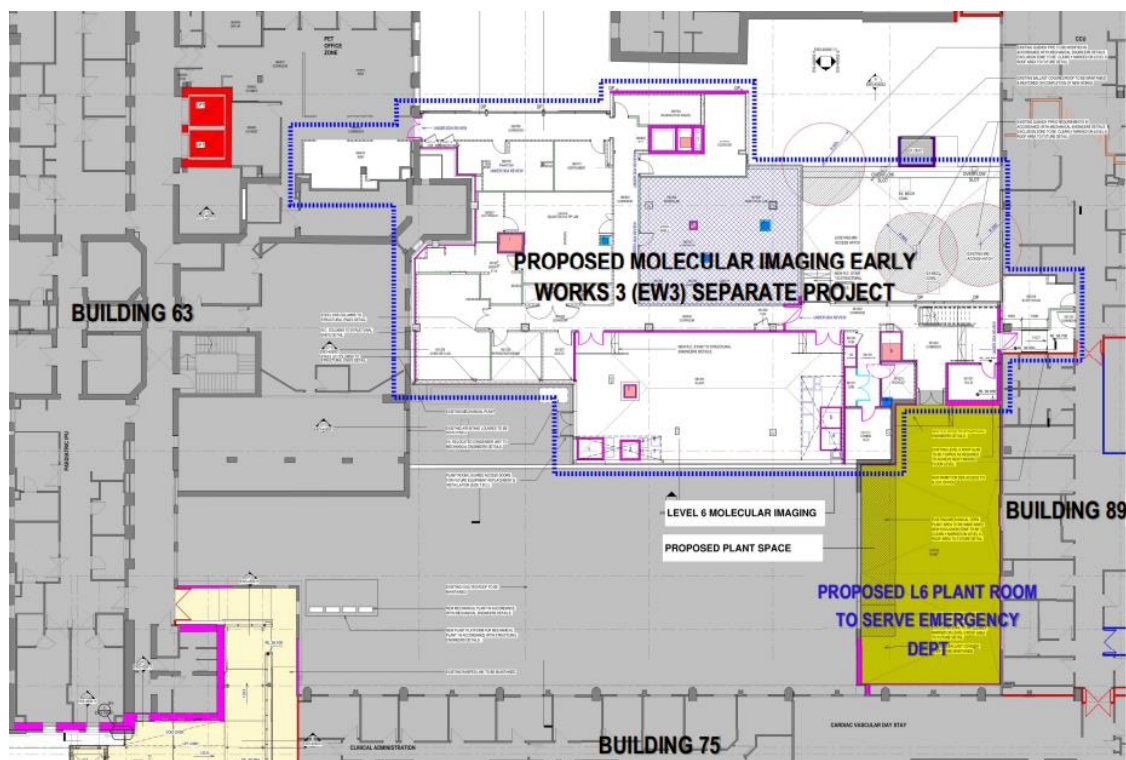


Figure No. 2 - Proposed floor plan detailing the location of the Level 6 plant room

The proposed Level 6 Mechanical plant room is situated within an area of on-roof existing services plant on Building 89 with the proposed plant room to be constructed against the existing façade of Building 89. The installation of the Plant Room will result in the loss of natural light to the rooms detailed in the figure below.

The rooms comprise Sanitary Facilities, Equipment Stores, Tea Rooms, Storerooms, Clean Utilities, Dirty Utilities and Dispensary Rooms etc. Furthermore, the plant rooms results in the loss of natural light to the Cardiac Vascular Day Stay Unit.

The BCA requires natural light to be provided to all patient bedrooms within ward areas in accordance with Clause F6D2. None of the rooms detailed above are patient bedrooms within a ward area and thus are permitted to be provided with artificial lighting in accordance with AS 1680.0 in lieu of natural light.



Figure No. 3 - Rooms where natural light will be impacted by the proposed plant room.

In summary, Blackett Maguire + Goldsmith as the Crown Certifier for the development has undertaken a high-level review of the proposed Architectural Drawings for the proposed Plant Room to Level 06 and is satisfied the proposed works can comply with the requirements of the National Construction Code 2022 – Volume 1 – Building Code of Australia Class 2 to 9 Buildings. A detailed assessment of the design documentation will be undertaken prior to the issue of the Crown Certificate for the proposed works.

If you have any questions regarding any of the above or would like to discuss any matter in further detail, please do not hesitate to contact me.

Yours Sincerely,



Adam Durnford

Director

**BM+G**

Building Surveyor-Unrestricted (NSW)

**BDC No.:** 1821