

BCA Crown Certificate

Pursuant to Section 6.28 of the Environmental Planning & Assessment Act 1979

Certificate No.	CRO - 24008	
Date of Certificate	07 February 2024	
+ Subject Land		
Lot + DP	Lot 1000	DP 1159799
	Lot 11	DP 809663
	Part Lot 101	DP 1179349
	Part Lot 1	DP 1171804
	Part Lot 1001	DP 1159799
Address	50 Missenden Road, Camperdown NSW 2050	
Local Government Area	City of Sydney	
+ Applicant		
Name	Michael Smytheman	
Company	Health Infrastructure	
Address	1 Reserve Road, St Leonards NSW 2065	
Phone	0407 103 475	Email michael.smytheman@health.nsw.gov.au
+ Owner		
Name	Health Administration Corporation	
Address	1 Reserve Road, St Leonards NSW 2065	
+ Description of Development		
Description	<p>Redevelopment of the Royal Prince Alfred Hospital, including:</p> <ul style="list-style-type: none"> + Tree removal, earthworks and re-routing of services. + Demolition of Building 94, the RPA Chapel, existing helipad and ambulance drop-off canopy. + A new 15-storey hospital building comprising new inpatient units, medical imaging, Neonatal and Women's Health Services, and a helipad to roof. + A two-storey vertical extension over Building 89 comprising expanded Intensive Care Unit and a new façade to existing building plinth. + A three-storey extension to the east of Building 89 comprising new operating theatres. + Enhanced northern entry. + Enhanced Emergency Department entry with new ambulance drop-off canopy. + Internal refurbishment of Emergency Department and Imaging, circulation and support services. + Expansion of existing loading dock facilities. + New hard and soft landscaping, outdoor amenity and circulation spaces. + Additional bicycle parking and end-of-trip facilities. + Installation and use of temporary helipad on roof of the Staff and Visitor Carpark, including installation of new lift access. + Re-alignment of internal road network. 	
Staged Works	<p>Stage 3a – Construction works comprising the following:</p> <p>Early Works 5- Lambie Dew Drive:</p> <ul style="list-style-type: none"> + Final Road Alignment (corner of GHD & LDD) service diversions: stormwater, sewer, LV, communications, mechanical plenum structure, water + Civil Works + Temporary Haul Road at East Tower 	

Temporary Works 1:

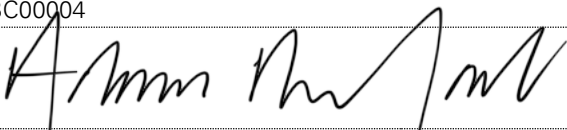
- + Site Establishment
- + Civil Works
- + Minor Demolition Works to current roadways, kerb and change to existing stormwater pit lid to class D
- + Landscape, pavements, kerbs, guttering and installation of additional lighting to new pedestrian crossing
- + Steelwork for Canopy including lighting, sprinklers and security to awning
- + Minor internal services and finishes with existing hospital:
 - ▲ New reception area
 - ▲ Electrical cabling to facilitate intercom communication from level 3 clinical departments to new reception area
 - ▲ Automation to existing doors (including some fire doors) along the path of travel from new reception to clinical departments
 - ▲ Isolation of the Northern arrivals construction area from the existing hospital- an IFSS is going to be prepared by the fire engineer to accommodate this
 - ▲ Mechanical fan coil unit

Main Works East Tower, East Extension, Northern Arrival:

- + East Tower: Bulk excavation
- + East Extension: Final Lambie Dew Drive Road
- + Northern Expansion: Site establishment, site clearing, civil and bulk excavation.

1. This staged BCA Crown Certificate has been issued for the building works described above only. Separate BCA Crown Certificate/s will be required prior to commencement of any subsequent works.

2. This BCA Crown Certificate excludes any external ancillary services, structures or civil works required by relevant authorities.

BCA Classification	Class 10b & 9a
Applicable BCA	National Construction Code 2022 Volume 1 – Building Code of Australia
Development Consent	Consent Number: SSD-47662959 Date: 26 September 2023
Statutory Certification	<i>Pursuant to the provisions of Section 6.28 of the Environmental Planning and Assessment Act 1979, Blackett Maguire + Goldsmith Pty Ltd hereby certifies that the building works have been designed in accordance with the Building Code of Australia 2022, subject to the attached Conditions.</i>
Referenced Documentation	Refer to Schedule 1
Conditions and Exclusions	Refer to Schedule 2
Fire Safety Schedule	Refer to Schedule 3
+ Details of Crown Certifier	
Crown Certifier	Blackett Maguire + Goldsmith Pty Ltd
Accreditation Number	RBC00004
Signature	
Signed on Behalf of BM+G	Crown Certifier's Name: Adam Durnford Registration Number: BDC1821

Liability limited by a scheme approved under Professional Standards Legislation

+ Schedule 1 – Schedule of Documentation

Referenced Plans

+ Architectural Plans prepared by Jacobs:

+ Drawing Number	+ Rev	+ Date	+ Drawing Number	+ Rev	+ Date
RPA-ARC-JAC-DRG-TW1-000000	02	16/01/2024	RPA-ARC-JAC-DRG-TW1-000001	02	16/01/2024
RPA-ARC-JAC-DRG-TW1-000003	02	16/01/2024	RPA-ARC-JAC-DRG-TW1-110001	01	16/01/2024
RPA-ARC-JAC-DRG-TW1-150303	02	16/01/2024	RPA-ARC-JAC-DRG-TW1-150304	02	16/01/2024
RPA-ARC-JAC-DRG-TW1-160001	01	16/01/2024	RPA-ARC-JAC-DRG-TW1-180310	02	16/01/2024
RPA-ARC-JAC-DRG-TW1-220001	02	16/01/2024	RPA-ARC-JAC-DRG-TW1-240329	02	16/01/2024
RPA-ARC-JAC-DRG-TW1-700301	02	16/01/2024	RPA-ARC-JAC-DRG-EW5-000015	03	18/02/2023

Documentation Relied Upon

In conjunction with the approved plans and specifications the following documentation was relied upon in issuing the BCA Crown Certificate:

+ Documentation:

+ Item	+ Documentation	+ Prepared by	+ Date
1.	Crown Application Form	Health Infrastructure	29 January 2024
2.	Structural Design Statement	TTW (NSW) Pty Ltd	16 January 2024
3.	Structural Drawings	TTW (NSW) Pty Ltd	05 December 2023 & 22 December 2023
4.	Civil Design Statement – Early Works 5 & Main Works	TTW (NSW) Pty Ltd	1 February 2024
5.	Civil Design Statement – Temporary Works 1	TTW	18 January 2024
6.	Civil and Stormwater Drawings	TTW (NSW) Pty Ltd	20 December 2023
7.	Traffic / Car Parking Design Statement	Parking & Traffic Consultants Pty Ltd	2 February 2024
8.	Hydraulic Design Statement	Sparks + Partners Consulting Engineers	31 January 2024
9.	Electrical Design Statement – Main Works East Tower	Stowe Australia Pty Ltd	1 February 2024
10.	Electrical Design Statement – Temporary Works 1	Stowe Australia Pty Ltd	1 February 2024
11.	Design Endorsement Certificate – Fire Protection Services	Emerge Fire Services	18 January 2024
12.	Fire Services Specification – EW5	Warren Smith Consulting Engineers	22 August 2022
13.	Fire Services Drawings	Emerge Fire Services Pty Ltd	18 January 2024

+ Item	+ Documentation	+ Prepared by	+ Date
14.	Accessibility Design Compliance Statement – Temporary Works 1	ABE Consulting	30 January 2024
15.	Medical Gas Design Statement – Main Works East Tower and Main Works East Extension	Hoslab Projects Pty Ltd	31 January 2024
16.	Architectural Specification	Jacobs	06 February 2024
17.	Demolition Work Plan	Metropolitan Demolitions Group	04 December 2023
18.	Email submission of the Photographic Archival Records to the City of Sydney Council	Health Infrastructure	12 January 2024
19.	Photographic Archival Recording – Building 94	Heritage 21	13 September 2023
20.	Photographic Archival Recording – Building 95	Heritage 21	13 September 2023
21.	Confirmation that the previously submitted Construction Noise & Vibration Management Sub Plan remains applicable to the Stage 3 Works	CPB Contractors	8 January 2024
22.	Long Service Levy Receipt No. L0000140589	Long Service Corporation	24 January 2024

+ Schedule 2 – Conditions and Exclusions

This Crown Certificate has been issued subject to the following conditions:

1. This Crown Certificate does not certify compliance with the Conditions of the Development Consent No. SSD 47662959 dated 26 September 2023. The building works should not commence until the Crown is satisfied that the relevant conditions of the Development Consent that are a pre-requisite to commencement have been appropriately addressed where relevant.
2. No approval is given nor implied for the construction of works beyond the scope specifically approved by this Stage 3a Crown Certificate.
3. A Sydney Water Building Plan Approval is required to be obtained from the Sydney Water Corporation or Sydney Water Co-Ordinate as required prior to any works being undertaken that may impact Sydney Water's infrastructure.
4. There is to be no impact, disruption, impediment or modification to existing active or passive fire safety systems or egress arrangements within the existing hospital building as a direct or indirect result of the proposed works without prior consultation and approval by the LHD (as applicable) and the crown certifier (BM+G).
5. Demolition works are to be undertaken in accordance with the documentation listed in Schedule 1 & AS 2601-2001.
6. Where the proposed demolition works necessitate the isolation and/or decommissioning of any existing fire services, particularly the fire hydrant system or the sprinkler system, then Fire & Rescue NSW and any relevant insurance providers should be notified prior to de-commissioning and/or isolation of the system.
7. All building works associated with the subject development are to be carried out in accordance with the approved documentation listed above in Schedule 1.

Any departure from the documentation cannot be undertaken without the review and approval by Blackett Maguire + Goldsmith.
8. Where there is any conflict between the Design Documentation and the advice provided by Blackett Maguire + Goldsmith, the advice issued takes precedence unless approved by Blackett Maguire + Goldsmith.
9. Any changes to the Architectural Documentation that may affect compliance with the Building Code of Australia, or the referenced Australian Standards are to be appropriately disclosed to Blackett Maguire + Goldsmith for review.
10. Blackett Maguire + Goldsmith are to be contacted throughout the project for routine site inspections to ensure that the works are being carried out in accordance with the approved documentation.

+ Schedule 3 – Fire Safety Schedule – Building 89

Part 10 of the Environmental Planning and Assessment Act (Development Certification and Fire Safety) Regulation 2021.

Please note:

- + A fire safety Schedule must deal with the whole of the building not just part of the building.
- + Please complete all sections in full using CAPITAL LETTERS

Section 1: Location of building

Address (Street No., Street Name, Suburb and Postcode)

50 MISSENDEN ROAD, CAMPERDOWN NSW 2050

Lot No. (if known)	CP/DP/SP No. (if known)	Building name (if applicable)
LOT 1000	DP 1159799	ROYAL PRINCE ALFRED HOSPITAL REDEVELOPMENT (BUILDING 89)
LOT 11	DP 809663	
PART LOT 101	DP 1179349	
PART LOT 1	DP 1171804	
PART LOT 1001	DP 1159799	

Section 2: Reissue of Fire Safety Schedule (Section 80A of the Regulation)

- Not applicable – Fire Safety Schedule is not being re-issued.
- Reissued Fire Safety Schedule (please state reason below)

Reason for Reissue of Schedule

- Original Schedule Lost or Destroyed Correction of errors or omissions.

Section 3: Reference Details (Section 78 of the Regulation)

Reference Type

Reference Number (if known)

DEVELOPMENT CONSENT

SSD-47662959

Section 4: Fire Safety Measures for the building – excluding Critical Fire Safety Measures (Section 79 of the Regulation)

+ Item No.	+ Fire safety measure	+ Minimum standard of performance
Current (Existing)		
1.	ACCESS PANELS, DOOR AND HOPPERS IN FIRE RESISTANT SHAFTS	BCA PART C3.4, SPEC. C3.4 AS1905.1 (1997)
2.	AUTOMATIC FAIL-SAFE DEVICES	BCA PARTS D2.19, D2.21 AS1670.1
3.	AUTOMATIC FIRE DETECTION & ALARMS SYSTEMS	BCA SPEC E2.2A AS1670.1 (1995)
4.	AUTOMATIC FIRE SUPPRESSION SYSTEMS – SPRINKLER SUPPRESSION	BCA SPEC. E1.5 AS2118.1 (1999)
5.	AUTOMATIC SIGNALLING EQUIPMENT AND COMMUNICATIONS LINK	BCA SPEC. E2.2A CLAUSE 7 AS4428.6 (1997) AS1670.3

6.	EMERGENCY LIGHTING	BCA PARTS E4.2 - E4.4 AS2293.1 - 1995 <i>*COVID AREAS EXEMPT – UPGRADE IN PROGRESS</i>
7.	EMERGENCY EVACUATION PLAN	AS 3745 - 2010
8.	EWIS	BCA PART E4.9 AS2220 (1989)
9.	EXIT SIGNS	BCA PARTS E4.5, E4.6, E4.8 AS2293.1 - 1995 <i>*COVID AREAS EXEMPT – UPGRADE IN PROGRESS</i>
10.	FIRE DAMPERS	BCA PART E2.2A / AS1668.1 (1998) / AS1682.1 AND 2 (1991) <i>*INSPECTION OF DAMPERS LOCATED IN COVID AREA'S EXEMPT</i>
11.	FIRE DOORS	ORDINANCE 70 PART 22.6 AS1905.1 1976) BCA PARTS C2.5, C3.4, C3.5, C3.8, C3.10, SPEC. C3.4 AS1905.1 – 1990 and 1997
12.	FIRE HYDRANT SYSTEMS	BCA PART E1.3 AS2419.1 1994
13.	FIRE SEALS	BCA PART C3.15 SPEC. C3.15 AS1530.4 <i>*COVID RESTRICTIONS. UPGRADE WORKS UNDERWAY</i>
14.	FIRE SHUTTERS	BCA PART C3.2, SPEC. C3.4 AS1905.2 - 1997
15.	HOSE REEL SYSTEMS	BCA PART E1.4 AS2441 - 1988
16.	LIGHTWEIGHT CONSTRUCTION	BCA PART C1.8 SPEC. C1.8 <i>*COVID RESTRICTIONS. UPGRADE WORKS UNDERWAY.</i>
17.	MECHANICAL AIR HANDLING SYSTEMS	BCA PART E2.2A AS1668.1- 1998 <i>*INSPECTION OF MECHANICAL LOCATED OR CONTRIBUTING TO COVID AREAS EXEMPT</i> <i>*ZONE PRESSURISATION TESTING EXEMPT DUE TO COVID</i> <i>*ATRIUM FANS PERFORMANCE MEASUREMENT EXEMPT</i>
18.	PATH OF TRAVEL	BCA PART D2 EPA REG 2000 PART 9, DIV.7
19.	PORTABLE FIRE EXTINGUISHERS & FIRE BLANKETS	BCA PART E1.6 AS2444 - 1995
20.	STAIR PRESSURISATION FANS	BCA PART E2.2 AS1668.1 -1998

		<i>*STAIR PRESSURISATION PERFORMANCE EXCEPT DUE TO COVID</i>
21.	SMOKE DOORS	BCA PARTS C2.5, SPEC. C3.4
22.	WALL WETTING SPRINKLER AND DRENCHER SYSTEMS	BCA PART C3.2, SPEC. C3.4 AS2118.2 - 1995
23.	WARNING & OPERATIONAL SIGNS	BCA PARTS D2.23, E3.3 EPA REG 2000 PART 9, DIV.7
24.	EMERGENCY EVAUCATION PLANS AND PROCEDURES	AS3745 (2002) / AS4083 (2002)

Proposed (New or Modified including section 84(6) of the Regulation)		
1.	AUTOMATIC FAIL-SAFE DEVICES	BCA CLAUSE D3D26
2.	AUTOMATIC FIRE DETECTION & ALARM SYSTEMS	BCA SPEC. 20 & BCA SPEC 23 AS 1670.1 – 2018
3.	AUTOMATIC FIRE SUPPRESSION SYSTEMS – SPRINKLER SUPPRESSION	BCA SPEC. 17 AS 2118.1 – 2017 AS 2118.4, 6 – 2012
4.	EMERGENCY LIGHTING	BCA CLAUSE E4D2 & E4D4 AS 2293.1 – 2018
5.	EMERGENCY EVACUATION PLAN	AS 3745 - 2010
6.	EMERGENCY WARNING INTERCOM SYSTEM (EWIS)	BCA E4D9 AS1670.4 - 2018
7.	EXIT SIGNS	BCA CLAUSES E4D5, E4D6 & E4D8 AS 2293.1 – 2018
8.	WARNING & OPERATIONAL SIGNS	BCA CLAUSE D3D28, D4D7

Details of Fire Safety Building Code of Australia (BCA) Performance Solutions Report(s)

+ (Ref No./Title of report/Author/Date)	+ BCA Performance Requirement(s)	+ BCA DtS Provision(s) and details of non-compliance
	N/A	

Section 5: Critical Fire Safety Measures – where applicable to the building (Section 79 of the Regulation)

Note: A critical fire safety measure is one where the performance is verified at intervals of less than 12 months through the submission of a supplementary fire safety statement.

+ Item No.	+ Fire safety measure	+ Minimum standard of performance
Current (Existing)		
1.	N/A	

Proposed (New or Modified)		
1.	N/A	

Section 6: Details of approved exemptions from compliance with BCA standards for a relevant fire safety system (Section 74 of the Regulation)

+ Item No.	+ Relevant fire safety measures	+ Description of exemption
1.	N/A	

Section 7: Name of authority or registered certifier issuing this schedule

Name	Organisation (Business name)
ADAM DURNFORD	BLACKETT MAGUIRE + GOLDSMITH PTY LTD
Business Address (Street No., Street Name, Suburb and Postcode)	
SUITE 2.01, 22-36 MOUNTAIN ST, ULTIMO NSW 2007	
Registration Number (Where Applicable)	
RBC00004 (BDC1821)	
Date of Issue	
7/02/2024	