



## BCA Crown Certificate

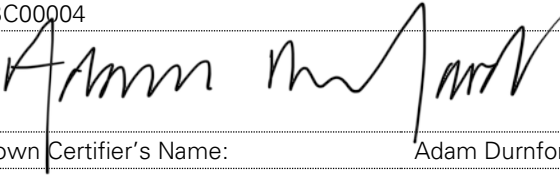
Pursuant to Section 6.28 of the Environmental Planning & Assessment Act 1979

<b>Certificate No.</b>	CRO - 24038	
<b>Date of Certificate</b>	14 May 2024	
<b>+ Subject Land</b>		
<b>Lot + DP</b>	Lot 1000	DP 1159799
	Lot 11	DP 809663
	Part Lot 101	DP 1179349
	Part Lot 1	DP 1171804
	Part Lot 1001	DP 1159799
<b>Address</b>	50 Missenden Road, Camperdown NSW 2050	
<b>Local Government Area</b>	City of Sydney	
<b>+ Applicant</b>		
<b>Name</b>	Michael Smytheman	
<b>Company</b>	Health Infrastructure	
<b>Address</b>	1 Reserve Road, St Leonards NSW 2065	
<b>Phone</b>	0407 103 475	<b>Email</b> michael.smytheman@health.nsw.gov.au
<b>+ Owner</b>		
<b>Name</b>	Health Administration Corporation	
<b>Address</b>	1 Reserve Road, St Leonards NSW 2065	
<b>+ Description of Development</b>		
<b>Description</b>	Redevelopment of the Royal Prince Alfred Hospital, including: <ul style="list-style-type: none"><li>+ Tree removal, earthworks and re-routing of services.</li><li>+ Demolition of Building 94, the RPA Chapel, existing helipad and ambulance drop-off canopy.</li><li>+ A new 15-storey hospital building comprising new inpatient units, medical imaging, Neonatal and Women's Health Services, and a helipad to roof.</li><li>+ A two-storey vertical extension over Building 89 comprising expanded Intensive Care Unit and a new façade to existing building plinth.</li><li>+ A three-storey extension to the east of Building 89 comprising new operating theatres.</li><li>+ Enhanced northern entry.</li><li>+ Enhanced Emergency Department entry with new ambulance drop-off canopy.</li><li>+ Internal refurbishment of Emergency Department and Imaging, circulation and support services.</li><li>+ Expansion of existing loading dock facilities.</li><li>+ New hard and soft landscaping, outdoor amenity and circulation spaces.</li><li>+ Additional bicycle parking and end-of-trip facilities.</li><li>+ Installation and use of temporary helipad on roof of the Staff and Visitor Carpark, including installation of new lift access.</li><li>+ Re-alignment of internal road network.</li></ul>	
<b>Staged Works</b>	<b>Stage 3b (Main Works)</b> – Construction works comprising the following:  Northern Expansion: <ul style="list-style-type: none"><li>+ Site Establishment</li><li>+ Demolition</li><li>+ Site clearing</li><li>+ Civil and Bulk Excavation</li><li>+ Service diversions</li></ul> (Excluding NEPT carpark ramp)	

CTMU:

- + Site Establishment
- + Demolition
- + Internal Fitout works within Level 02
- + Installation of building services within Level 01 and 02

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.

<b>BCA Classification</b>	Class 9a	
<b>Applicable BCA</b>	National Construction Code 2022 Volume 1 – Building Code of Australia	
<b>Development Consent</b>	Consent Number: SSD-47662959	Date: 26 September 2023
<b>Statutory Certification</b>	<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>	
<b>Referenced Documentation</b>	Refer to Schedule 1	
<b>Conditions and Exclusions</b>	Refer to Schedule 2	
<b>Fire Safety Schedule</b>	Refer to Schedule 3	
<b>+ Details of Crown Certifier</b>		
<b>Crown Certifier</b>	Blackett Maguire + Goldsmith Pty Ltd	
<b>Accreditation Number</b>	RBC00004	
<b>Signature</b>		
<b>Signed on Behalf of BM+G</b>	Crown Certifier's Name:	Adam Durnford
	Registration Number:	BDC1821
<b>Liability limited by a scheme approved under Professional Standards Legislation</b>		

## + Schedule 1 – Schedule of Documentation

### Referenced Plans

#### + Architectural Plans prepared by Jacobs:

+ Drawing Number	+ Rev	+ Date	+ Drawing Number	+ Rev	+ Date
RPA-ARC-JAC-DRG-MW-000006	00	09/05/2024	RPA-ARC-JAC-DRG-MW-000007	00	09/05/2024
RPA-ARC-JAC-DRG-MW-000008	00	09/05/2024	RPA-ARC-JAC-DRG-MW-000011	00	09/05/2024
RPA-ARC-JAC-DRG-MW-008100	00	09/05/2024	RPA-ARC-JAC-DRG-MW-008101	00	09/05/2024
RPA-ARC-JAC-DRG-MW-008102	00	09/05/2024	RPA-ARC-JAC-DRG-MW-008103	00	09/05/2024
RPA-ARC-JAC-DRG-MW-008104	00	09/05/2024	RPA-ARC-JAC-DRG-MW-008109	00	09/05/2024
RPA-ARC-JAC-DRG-MW-008114	00	09/05/2024	RPA-ARC-JAC-DRG-MW-008115	00	09/05/2024
RPA-ARC-JAC-DRG-MW-008118	00	09/05/2024	RPA-ARC-JAC-DRG-MW-008119	00	09/05/2024
RPA-ARC-JAC-DRG-MW-008120	00	09/05/2024	RPA-ARC-JAC-DRG-MW-008121	00	09/05/2024
RPA-ARC-JAC-DRG-MW-008141	00	09/05/2024	RPA-ARC-JAC-DRG-MW-008142	00	09/05/2024
RPA-ARC-JAC-DRG-MW-008153	00	09/05/2024	RPA-ARC-JAC-DRG-MW-008154	00	09/05/2024
RPA-ARC-JAC-DRG-MW-008301	00	09/05/2024	RPA-ARC-JAC-DRG-MW-008302	00	09/05/2024
RPA-ARC-JAC-DRG-MW-008306	00	09/05/2024	RPA-ARC-JAC-DRG-MW-008309	00	09/05/2024
RPA-ARC-JAC-DRG-MW-008310	00	09/05/2024	RPA-ARC-JAC-DRG-MW-008403	00	09/05/2024
RPA-ARC-JAC-DRG-MW-008404	00	09/05/2024	RPA-ARC-JAC-DRG-MW-008464	00	09/05/2024
RPA-ARC-JAC-DRG-MW-008601	00	09/05/2024	RPA-ARC-JAC-DRG-MW-008604	00	09/05/2024
RPA-ARC-JAC-DRG-MW-008605	00	09/05/2024	RPA-ARC-JAC-DRG-MW-008608	00	09/05/2024
RPA-ARC-JAC-DRG-MW-008611	00	09/05/2024	RPA-ARC-JAC-DRG-MW-008702	00	09/05/2024
RPA-ARC-JAC-DRG-MW-110202	00	09/05/2024	RPA-ARC-JAC-DRG-MW-150201	00	09/05/2024
RPA-ARC-JAC-DRG-MW-160100	00	09/05/2024	RPA-ARC-JAC-DRG-MW-160202	00	09/05/2024
RPA-ARC-JAC-DRG-MW-180100	01	09/05/2024	RPA-ARC-JAC-DRG-MW-180103	01	09/05/2024
RPA-ARC-JAC-DRG-MW-180203	01	09/05/2024	RPA-ARC-JAC-DRG-MW-180303	01	09/05/2024

RPA-ARC-JAC-DRG-MW-220203	00	09/05/2024	RPA-ARC-JAC-DRG-MW-240203	00	09/05/2024
RPA-ARC-JAC-DRG-MW-310100	00	09/05/2024	RPA-ARC-JAC-DRG-MW-310203	00	09/05/2024
RPA-ARC-JAC-DRG-MW-510100	00	09/05/2024	RPA-ARC-JAC-DRG-MW-510203	00	09/05/2024
RPA-ARC-JAC-RLS-MW-020301-1	00	09/05/2024	RPA-ARC-JAC-RLS-MW-020301-2	00	09/05/2024
RPA-ARC-JAC-RLS-MW-020303-1	00	09/05/2024	RPA-ARC-JAC-RLS-MW-020304-1	00	09/05/2024
RPA-ARC-JAC-RLS-MW-020305-1	00	09/05/2024	RPA-ARC-JAC-RLS-MW-020306-1	00	09/05/2024
RPA-ARC-JAC-RLS-MW-020310-1	00	09/05/2024			

### 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.	Stage 3b Crown Application Form	Health Infrastructure	9 May 2024
2.	Fire Services Design Endorsement Certificate	Emerge Fire Services Pty Ltd	14 May 2024
3.	Fire Services Drawings	Emerge Fire Services Pty Ltd	10 May 2024
4.	Fire Services Specification (Revision 01)	Emerge	14 May 2024
5.	Mechanical Ventilation and Air Conditioning Services Design Statement	Climatech NSW Pty Ltd	09 May 2024
6.	Aconex confirmation in relation to works to the existing Zone Smoke Control System	Climatech NSW Pty Ltd	10 May 2024
7.	Electrical Design Statement	Stowe Australia Pty Ltd	10 May 2024
8.	Hydraulic Services Design Statement	Sparks + Partners Consulting Engineers	23 April 2024
9.	Medical Gas Hydraulic Design Statement	Hoslab	10 May 2024
10.	Civil Design Statement – Bulk Earthworks	TTW	9 May 2024
11.	Bulk Earthworks Plan (Revision 00)	TTW	24 April 2024
12.	Architectural Design Statement	Jacobs	9 May 2024
13.	Fire Engineering Statement in relation to the area of proposed works and the overall Fire Engineering Assessment for the Building	Lehr Consultants International (Australia) Pty Ltd	09 May 2024
14.	Aconex confirmation in relation to the area of proposed works and the overall Access Performance Solution Assessment for the Building	ABE Consulting	14 May 2024
15.	Architectural Specification (Revision 02)	Jacobs	14 May 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 3b Crown Certificate.
3. Demolition Work Plans along with the submission of a Design Statement prepared by a suitably qualified person confirming that the demolition works detailed on the Plans comply with the requirements of AS 2601 – 2001 The Demolition of Structures is to be submitted prior to the demolition works commencing in associated with this Crown Certificate.
4. An updated version of the Fire Services Specification prepared by Emerge is to be submitted as detailed on the Crown Certificate Requirements List issued by bm+g dated 14 May 2024.
5. An updated version of the Architectural Specification prepared by Jacobs is to be submitted as detailed on the Crown Certificate Requirements Listed issued by bm+g dated 14 May 2024.
6. 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.
7. 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).
8. Demolition works are to be undertaken in accordance with the documentation listed in Schedule 1 & AS 2601-2001.
9. 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.
10. 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.

11. 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.
12. 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.
13. Blackett Maguire + Goldsmith is 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
LOT 11	DP 809663	REDEVELOPMENT (BUILDING 89)
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
<b>Current (Existing)</b>		
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 EVACUATION PLANS AND PROCEDURES	AS3745 (2002) / AS4083 (2002)

<b>Proposed (New or Modified including section 84(6) of the Regulation)</b>		
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.	FIRE DAMPERS	BCA CLAUSE C4D15 AS 1668.1 – 2015 AS 1682.1 & 2 – 2015 MANUFACTURER'S SPECIFICATION
9.	FIRE DOORS	BCA CLAUSE C3D13, C3D14, C4D6, C4D8 & AS 1905.1 – 2015 MANUFACTURER'S SPECIFICATION
10.	FIRE HOSE REELS	BCA CLAUSE E1D3 AS 2441 – 2005
11.	FIRE HYDRANT SYSTEMS	BCA CLAUSE E1D2 AS 2419.1 – 2005
12.	FIRE SEALS	BCA CLAUSE C4D15 AS 1530.4 – 2014 AS 4072.1 – 2014 MANUFACTURER'S SPECIFICATION
13.	LIGHTWEIGHT CONSTRUCTION	BCA CLAUSE C2D9 AS 1530.4 – 2014 AND MANUFACTURER'S SPECIFICATION
14.	MECHANICAL AIR HANDLING SYSTEMS (AUTOMATIC SHUTDOWN)	BCA CLAUSE E2D3 AS/NZS 1668.1 – 2015 & AS 1668.2 – 201
15.	PORTABLE FIRE EXTINGUISHERS	BCA CLAUSE E1D14 AS 2444 – 2001
16.	WARNING & OPERATIONAL SIGNS	BCA CLAUSE D3D28, D4D7 AS 1905.1 – 2015



### 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
<b>Current (Existing)</b>		
1.	N/A	

<b>Proposed (New or Modified)</b>		
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	ADAM DURNFORD	Organisation (Business name)	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	14/05/2024		