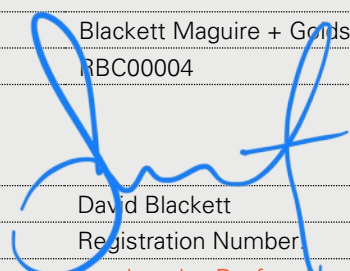




BCA Crown Certificate

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

Certificate No.	CRO-23075	
Date of Certificate	15 May 2024	
+ Subject Land		
Lot + DP	Lot 2	DP 1043580
Address	5-39 Animoo Avenue, Griffith NSW 2065	
Local Government Area	Griffith City Council	
+ Applicant		
Name	Arjuna Thiru Moorthy	
Company	Health Infrastructure	
Address	1 Reserve Road, St Leonards NSW 2065	
Phone	(02) 9978 5402	Mobile 0433 940 767
Email	Arjuna.thirumoorthy@health.nsw.gov.au	
+ Owner		
Name	Health Infrastructure	
Address	1 Reserve Road, St Leonards NSW 2065	
Phone	(02) 9978 5402	Mobile 0433 940 767
Email	Arjuna.thirumoorthy@health.nsw.gov.au	
+ Description of Development		
Description	<p>Crown Certificate 5 - Milestones 1 & 3 External works and linkways to the exclusion of Milestone 2a, 2b, 4, 5, & 6 <u>only</u> in associated with the Griffith Base Hospital Redevelopment comprising; Design Finalisation & Construction of a new four-storey Clinical Services Building containing:</p> <ul style="list-style-type: none">+ Emergency department.+ Medical Imaging+ Outpatient Services to include clinics, allied health and rehabilitation, oncology, Hospital in the Home and renal.+ Pharmacy, pathology, medical records and administration facilities.+ Perioperative unit, critical care / intensive care unit.+ Maternity and birthing unit and Paediatric unit.+ Medical inpatient unit and Surgical inpatient unit.+ An aged care and rehabilitation inpatient unit.+ Main entry with retail café.+ Enclosed clinical pedestrian link to the adjoining St Vincent's Private Community Hospital and Non-Clinical Services Building.+ Demolition of remaining buildings vacated and made redundant after commissioning of the new hospital, including required staging and temporary works.+ Construction of site works including roads, car parking and landscaping.+ Signage and wayfinding.+ Refurbishment of the current ACH building for Community Health purposes. <p>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.</p> <p>2. This BCA Crown Certificate excludes any external ancillary services, structures or civil works required by relevant authorities.</p>	
BCA Classification	Class 5 & 9a	
Applicable BCA	BCA 2019 (Amendment 1) Building Code of Australia	
Development Consent	SSD-9838218	Dated: 14 October 2021
	SSD-9838218-Mod-1	Dated: 28 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 2019 (Amendment 1), 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	
Registration Number	RBC00004	
Signature		
Signed on Behalf of BM+G	David Blackett	
	Registration Number	BDC0032
Liability limited by a scheme approved under Professional Standards Legislation		

+ Schedule 1 – Schedule of Documentation

Referenced Plans

+ Architectural Plans prepared by DJRD Architects

+ Drawing Number	+ Rev	+ Date	+ Drawing Number	+ Rev	+ Date
130565-DJRD-AR-DWG-B36_52-0001	C	07.05.2024	130565-DJRD-AR-DWG-B36_52-0003	A	30.09.2023
130565-DJRD-AR-DWG-B36_52-0004	A	30.09.2023	130565-DJRD-AR-DWG-B36_52-0005	D	30.09.2023
130565-DJRD-AR-DWG-B36_52-0020	C	30.09.2023	130565-DJRD-AR-DWG-B36_52-0021	G	07.05.2024
130565-DJRD-AR-DWG-B36_52-0025	C	30.09.2023	130565-DJRD-AR-DWG-B36_52-0027	B	30.09.2023
130565-DJRD-AR-DWG-B36_52-0028	B	30.09.2023	130565-DJRD-AR-DWG-B36_52-0029	B	30.09.2023
130565-DJRD-AR-DWG-B36_52-0032	B	30.09.2023			

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.	Application Form	Health Infrastructure	23 August 2023
2.	Architectural Specification	DJRD Architects	09 December 2022
3.	Crown Certificate No.5 Staging Plan	-	-
4.	Hydraulic Design Certificate	Acor Consultants	18 September 2023
5.	Electrical Design Certificate	Stantec	29 August 2023
6.	Mechanical Design Statement	Fredon Air (NSW) Pty Ltd	25 August 2023
7.	Combined Compartment Plans	DJRD Architects	20 October 2023
8.	EWIS & Detection Layout	DJRD Architects	16 May 2023
9.	Fire Hydrant & Sprinkler Layout Plans	DJRD Architects	21 July 2023
10.	Fire Stair Details	DJRD Architects	09 December 2022
11.	Hydrant Coverage	DJRD Architects	09 December 2022
12.	FHR Coverage Plan	DJRD Architects	16 June 2022
13.	Sprinkler Layout Plans	DJRD Architects	21 July 2023
14.	Section J Report Ref. P00164	E-Lab Consulting	22 September 2023
15.	Acoustic Design Report – Revision 5	E-Lab Consulting	16 November 2023
16.	Pathology Dangerous Goods Register	Chem Alert	19 October 2023
17.	Consultants Advice Report – Dangerous Goods Review and Compliance Assessment	Riskcon Engineering	15 June 2023
18.	Consultants Advice Report – Storage of Chemicals in the Pathology Lab	Riskcon Engineering	11 December 2023

+ Item	+ Documentation	+ Prepared by	+ Date
19.	Architectural Design Statement	DJRD Architects	30 September 2023
20.	Design Certificate	Site Image (NSW) Pty Ltd	20 October 2023
21.	Council Response – Email	Griffith Council	16 February 2024
22.	Email Evidence of ADCO document submission	ADCO	12 October 2023
23.	Landscape SSDA Report	Site Image (NSW) Pty Ltd	21 September 2023
24.	Traffic Engineer Certification – Car Parking	Parking & Traffic Consultants Pty Ltd	12 September 2023
25.	Civil Design Certificate	Acor Consultants	22 September 2023
26.	Combined Civil Drawings – Construction Notes	DJRD Architects	22 July 2022
27.	Structural Design Adequacy Certificate	Acor Consultants	03 October 2022
28.	Structural Design Statement	Acor Consultants	03 October 2022
29.	Email correspondence regarding nest box specs	Abel Ecology	04 October 2023
30.	Landscape Plans	Site Image (NSW) Pty Ltd	28 September 2023
31.	Landscape Design Statement	Site Image (NSW) Pty Ltd	07 May 2024
32.	Mechanical Design Compliance Statement	Fredon Air (NSW) Pty Ltd	08 May 2024
33.	SSD Modification 1 – Sustainability Statement	E-Lab Consulting Pty Ltd	13 July 2023
34.	Acoustic Design Compliance Statement	E-Lab Consulting Pty Ltd	07 May 2024
35.	Long Service Levy Payment Receipt No. L0000034859	Long Service Corporation	15 February 2024
36.	Architectural Statement – SSD Modification 1	DJRD Architects	11 July 2023
37.	Fire Services Design Compliance Statement	Wagga Fire and Security	09 May 2024
38.	Seismic Bracing Installation Details	Kusch Consulting Engineers	07 February 2023
39.	Fire Seismic Bracing Plan	Kusch Consulting Engineers	09 December 2022
40.	Evidence of Submission of Environmental Management Plan to PCA	ADCO Constructions	19 January 2024
41.	Environmental Management Plan R4	ADCO Constructions	14 December 2023
42.	Evidence of submission of Environmental Management Plan to DPE	Health Infrastructure	-
43.	Document Received Notification – Revised EMP	Department of Planning and Environment	18 December 2023

+ 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-9838218 Dated: 14 October 2021 SSD-9838218-Mod-1 Dated: 28 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 Sage 1 Crown Certificate Crown Certificate 5 - Milestones 1 & 3 External works and linkways to the exclusion of Milestone 2a, 2b, 4, 5, & 6.
3. 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).
4. All building works associated with the subject development are to be carried out in accordance with the requirements of the Blackett Maguire + Goldsmith BCA Assessment Report Revision 10 dated 21 December 2022 and subsequent DDA plan mark-ups dated 15.05.2024.
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 BM+G.
8. Where there is any conflict between the Design Documentation and the advice provided by BM+G, the advice issued takes precedence unless approved by BM+G.
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 BM+G for review.
10. BM+G 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.
11. The Fire Safety Engineer 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.
12. The Access Consultant 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.

Advisory Notes

1. The head contractor is to obtain any relevant Approvals required by Griffith Council/Water Authority including the s.68 approval (or modifications thereto) prior to the commencement of works.

2. Where the cost of works exceeds \$25,000, provide evidence of payment of the Long Service Levy (0.35% of the cost of works) to the Long Service Levy Corporation. The amount paid where LSL applies is the cost of works Inclusive of GST which is the amount that should be shown on our Crown Certificate application. Payment can be made online at <http://www.longservice.nsw.gov.au> Please quote the REF number when making payment.

+ Schedule 3 – Fire Safety Schedule

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)

5-39 ANIMOO AVENUE, GRIFFITH NSW 2680

Lot No. (if known)	CP/DP/SP No. (if known)	Building name (if applicable)
LOT 2	DP 1043580	GRIFFITH HOSPITAL

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-9838218 (As modified)

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) Community Health Building (CHB (Building 33))		
1.	ALARM SIGNALLING EQUIPMENT (VIA EXISTING MAIN FIP)	AS 1670.3 – 2004
2.	AUTOMATIC FAIL-SAFE DEVICES	BCA CLAUSE D2.21
3.	AUTOMATIC FIRE DETECTION & ALARM SYSTEM	BCA SPEC. E2.2A AS 1670.1 – 2015 & FIRE ENGINEERING REPORT NO. SY180432 REV R1.0 PREPARED BY WARRINGTONFIRE DATED 2 AUGUST 2019
4.	EMERGENCY LIGHTING	BCA CLAUSE E4.4 AS 2293.1 – 2005
5.	EMERGENCY EVACUATION PLAN	AS 3745 - 2002
6.	EXIT SIGNS	BCA CLAUSES E4.5, E4.6 & E4.8 AS 2293.1 – 2005
7.	FIRE DAMPERS	BCA CLAUSE C3.15 AS/NZS 1668.1 – 2015 & AS 1682.1 & 2 – 2015
8.	FIRE DOORS.	BCA CLAUSE C2.12, C2.13, C3.5, C3.7, C3.8

+ Item No.	+ Fire safety measure	+ Minimum standard of performance
Current (Existing)		
Community Health Building (CHB (Building 33))		
		AS 1905.1 – 2005
9.	FIRE HOSE REELS	BCA CLAUSE E1.4 AS 2441 – 2005 & FIRE ENGINEERING REPORT NO. SY180432 REV R1.0 PREPARED BY WARRINGTONFIRE DATED 2 AUGUST 2019
10.	FIRE HYDRANT SYSTEMS	BCA CLAUSE E1.3 AS 2419.1 - 2005
11.	FIRE SEALS	BCA CLAUSE C3.15 AS 1530.4 – 2005 & AS 4072.1 – 2005 MANUFACTURES SPECIFICATIONS
12.	FIRE RESISTING CONSTRUCTION	BCA SECTION C & FIRE ENGINEERING REPORT NO. SY180432 REV R1.0 PREPARED BY WARRINGTONFIRE DATED 2 AUGUST 2019
13.	LIGHTWEIGHT CONSTRUCTION	BCA CLAUSE C1.8, AS 1530.4 – 2014 & FIRE ENGINEERING REPORT NO. SY180432 REV R1.0 PREPARED BY WARRINGTONFIRE DATED 2 AUGUST 2019
14.	MANUAL CALL POINTS	BCA SECTION E
15.	MECHANICAL AIR HANDLING SYSTEMS (AUTOMATIC SHUTDOWN)	BCA CLAUSE E2.2 AS/NZS 1668.1 – 2015 & AS 1668.2 – 2012
16.	PATHS OF TRAVEL	EP & A REGULATION CLAUSE 186
17.	PORTABLE FIRE EXTINGUISHERS	BCA CLAUSE E1.6 AS 2444 – 2001 & FIRE ENGINEERING REPORT NO. SY180432 REV R1.0 PREPARED BY WARRINGTONFIRE DATED 2 AUGUST 2019
18.	REQUIRED EXIT DOORS (POWER OPERATED)	BCA CLAUSE D2.19(D)
19.	SMOKE DAMPERS	AS/NZS 1668.1 – 2015 & AS 1682.1 & 2 – 2015
20.	SMOKE SEALS	BCA SPEC. C3.4
21.	SOUND SYSTEM & INTERCOM SYSTEM FOR EMERGENCY PURPOSES	BCA CLAUSE E4.9 AS 1670.4 - 2015
22.	WARNING & OPERATIONAL SIGNS	BCA CLAUSE D2.23. SECTION 183 OF THE EP & A REGULATIONS 2000, AS1905.1 – 2005

+ Item No.	+ Fire safety measure	+ Minimum standard of performance
Current (Existing)		
Intensive Care Building (ICU) (Building 1)		
1.	ACCESS PANELS, DOORS & HOPPERS	BCA CLAUSE C3.13 AS 1530.4 – 2005
2.	ALARM SIGNALLING EQUIPMENT (VIA EXISTING MAIN FIP)	AS 1670.3 – 2004
3.	AUTOMATIC FAIL-SAFE DEVICES	BCA CLAUSE E2.2A, D2.21, AS1668.1, AS1670.1, AS1905, AS4178

+ Item No.	+ Fire safety measure	+ Minimum standard of performance
Current (Existing)		
Intensive Care Building (ICU) (Building 1)		
4.	AUTOMATIC FIRE DETECTION & ALARM SYSTEM	ORD 70.27.4, CA.15, AS1670& BCA SPEC. E2.2A AS 1670.1 – 2015 & FIRE ENGINEERING REPORT NO. SY180432 REV R1.0 PREPARED BY WARRINGTONFIRE DATED 2 AUGUST 2019
5.	EMERGENCY LIGHTING	BCA CLAUSE E4.2, E4.4, & AS 2293.1 & AS 2293.1 – 2005
6.	EMERGENCY EVACUATION PLAN	AS 3745 - 2002
7.	EMERGENCY WARNING INTERCOM SYSTEM (EWIS)	BCA SPEC E2.2A, E4.9 AND AS2220.1
8.	EXIT SIGNS	BCA CLAUSES E4.5, E4.6 & E4.8 AS 2293.1 – 2005
9.	FIRE BLANKETS	AS3504, AS2444
10.	FIRE DAMPERS	BCA CLAUSE C3.15 AS/NZS 1668.1 & AS 1682.1 & 2 & AS/NZS 1668.1 – 2015 & AS 1682.1 & 2 – 2015
11.	FIRE DOORS.	ORD 70.22.7 CA 15, BCA SPEC C3.4, AS1905.1
12.	FIRE DOORS.	BCA CLAUSE C2.12, C2.13, C3.5, C3.7, C3.8 AS 1905.1 – 2005
13.	FIRE HOSE REELS	ORD 70.27.2 MIN SPEC 10 & BCA CLAUSE E1.4 AS 2441 – 2005 & FIRE ENGINEERING REPORT NO. SY180432 REV R1.0 PREPARED BY WARRINGTONFIRE DATED 2 AUGUST 2019
14.	FIRE HYDRANT SYSTEMS	ORD 70.27.3 MIN SPEC 10 & BCA CLAUSE E1.3 AS 2419.1 - 2005
15.	FIRE SEALS	BCA CLAUSE C3.15 AS 1530.4 & AS 4072.1 MANUFACTURERS SPECIFICATIONS
16.	FIRE SEALS	BCA CLAUSE C3.15 AS 1530.4 – 2005 & AS 4072.1 – 2005 MANUFACTURERS SPECIFICATIONS
17.	FIRE WALLS	BCA SPEC. C1.1
18.	LIGHTWEIGHT CONSTRUCTION	BCA CLAUSE E1.8, C1.8, AS 1530.4 & BCA CLAUSE E1.8, C1.8, AS 1530.4 – 2014 & FIRE ENGINEERING REPORT NO. SY180432 REV R1.0 PREPARED BY WARRINGTONFIRE DATED 2 AUGUST 2019
19.	MANUAL CALL POINTS	BCA SECTION E
20.	MECHANICAL AIR HANDLING SYSTEMS (AUTOMATIC SHUTDOWN)	BCA CLAUSE E2.2 AS/NZS 1668.1 – 2015 & AS 1668.2 – 2012
21.	PATHS OF TRAVEL	EP & A REGULATION CLAUSE 186
22.	PERIMETER VEHICULAR ACCESS	BCA CLAUSE C2.3, C2.4
23.	PORTABLE FIRE EXTINGUISHERS	BCA CLAUSE E1.6 & AS 2444 & BCA CLAUSE E1.6 AS 2444 – 2001 & FIRE ENGINEERING REPORT NO. SY180432 REV R1.0 PREPARED BY WARRINGTONFIRE DATED 2 AUGUST 2019

+ Item No.	+ Fire safety measure	+ Minimum standard of performance
Current (Existing)		
Intensive Care Building (ICU) (Building 1)		
24.	REQUIRED EXIT DOORS (POWER OPERATED)	BCA CLAUSE D2.19(D)
25.	SMOKE DAMPERS	AS/NZS 1668.1 – 2015 & AS 1682.1 & 2 – 2015
26.	SMOKE DOORS	BCA SPEC.C2.5 & C3.4
27.	SMOKE SEALS	BCA SPEC. C3.4
28.	SMOKE WALLS	BCA SPEC. C2.5
29.	SOUND SYSTEM & INTERCOM SYSTEM FOR EMERGENCY PURPOSES	BCA CLAUSE E4.9 AS 1670.4 - 2015
30.	STAND-BY POWER SYSTEMS	AS/NZS3009
31.	WALL-WETTING SPRINKLERS	BCA CLAUSE C3.4 AS 2118.2 – 2010
32.	WARNING & OPERATIONAL SIGNS	BCA CLAUSE D2.23. SECTION 183 OF THE EP & A REGULATIONS 2000, AS1905.1 – 2005

+ Item No.	+ Fire safety measure	+ Minimum standard of performance
Current (Existing)		
In Patient Unit (IPU) (Building 2)		
1.	ACCESS PANELS, DOORS & HOPPERS	BCA CLAUSE C3.13 AS 1530.4 – 2005
2.	ALARM SIGNALLING EQUIPMENT (VIA EXISTING MAIN FIP)	AS 1670.3 – 2004
3.	AUTOMATIC FAIL-SAFE DEVICES	BCA CLAUSE E2.2A, D2.21, AS1668.1, AS1670.1, AS1905, AS4178 BCA CLAUSE D2.21
4.	AUTOMATIC FIRE DETECTION & ALARM SYSTEM	ORD 70.27.4, CA.15, AS1670 & BCA SPEC. E2.2A AS 1670.1 – 2015 ORD 70.27.4, CA.15, AS1670
5.	EMERGENCY LIGHTING	BCA CLAUSE E4.2. E4.4 & AS 2293.1 AS 2293.1 – 2005
6.	EMERGENCY EVACUATION PLAN	AS 3745 - 2002
7.	EMERGENCY WARNING INTERCOM SYSTEM (EWIS) (EXISTING)	BCA SPEC E2.2A, E4.9 AND AS2220.1
8.	EXIT SIGNS	BCA CLAUSES E4.5, E4.6 & E4.8 AS 2293.1 – 2005
9.	FIRE BLANKETS	AS3504, AS2444
10.	FIRE DAMPERS	BCA CLAUSE C3.15 AS/NZS 1668.1 & AS 1682.1 & 2, AS/NZS 1668.1 – 2015 & AS 1682.1 & 2 – 2015
11.	FIRE DOORS.	ORD 70.22.7 CA 15, BCA SPEC C3.4, AS1905.1 & BCA CLAUSE C2.12, C2.13, C3.5, C3.7, C3.8 AS 1905.1 – 2005
12.	FIRE HOSE REELS	ORD 70.27.2 MIN SPEC 10, BCA CLAUSE E1.4

+ Item No.	+ Fire safety measure	+ Minimum standard of performance
Current (Existing)		
In Patient Unit (IPU) (Building 2)		
		AS 2441 – 2005
13.	FIRE RESISTANCE LEVELS (EXTERNAL WALL SYSTEM)	<p>ORD 70.27.3 MIN SPEC 10, PERFORMANCE - FIRE ENGINEERING REPORT NO. SY180432 REV R1.0 PREPARED BY WARRINGTONFIRE DATED 2 AUGUST 2019 INCLUDING:</p> <p>EXTERNAL WALLS INCLUDING ALL COMPONENTS INCORPORATED WITHIN THEM MUST BE NON-COMBUSTIBLE IN ACCORDANCE WITH CLAUSE C1.9 OF THE NCC UNLESS OTHERWISE SPECIFIED IN THE REPORT.</p> <p>THE SARKING MATERIAL INCORPORATED IN THE EXTERNAL WALL SYSTEMS OF THE ICU AND IPU EXPANSION MUST NOT BE MORE THAN 1MM IN THICKNESS AND HAVE A FLAMMABILITY INDEX NO GREATER THAN 5.</p>
14.	FIRE SEALS	BCA CLAUSE C3.15 AS 1530.4 & AS 4072.1, AS 1530.4 – 2005 & AS 4072.1 – 2005 MANUFACTURERS SPECIFICATIONS
15.	LIGHTWEIGHT CONSTRUCTION	BCA CLAUSE E1.8, C1.8, AS 1530.4, BCA CLAUSE C1.8, AS 1530.4 – 2014
16.	MANUAL CALL POINTS	BCA SECTION E
17.	MECHANICAL AIR HANDLING SYSTEMS (AUTOMATIC SHUTDOWN)	BCA CLAUSE E2.2 AS/NZS 1668.1 – 2015 & AS 1668.2 – 2012
18.	PATHS OF TRAVEL	EP & A REGULATION CLAUSE 186
19.	PERIMETER VEHICULAR ACCESS	BCA CLAUSE C2.3, C2.4
20.	PORTABLE FIRE EXTINGUISHERS	BCA CLAUSE E1.6 & AS 2444 AS 2444 – 2001
21.	REQUIRED EXIT DOORS (POWER OPERATED)	BCA CLAUSE D2.19(D)
22.	SOUND SYSTEM & INTERCOM SYSTEM FOR EMERGENCY PURPOSES	BCA CLAUSE E4.9 AS 1670.4 - 2015
23.	STAND-BY POWER SYSTEMS	AS/NZS3009
24.	WARNING & OPERATIONAL SIGNS	BCA CLAUSE D2.23. SECTION 183 OF THE EP & A REGULATIONS 2000, AS1905.1 – 2005

Proposed (New or Modified including section 84(6) of the Regulation)		
New Clinical Services Building (Building 36)		
1.	ACCESS PANELS, DOORS & HOPPERS	BCA 2019 (AMDT 1) CLAUSE C3.13, AS 1530.4 – 2014 & MANUFACTURER'S SPECIFICATIONS
2.	ALARM SIGNALLING EQUIPMENT	BCA 2019 (AMDT 1) SPEC. E2.2A CLAUSE 8 & AS 1670.3 – 2018
3.	AUTOMATIC FAIL-SAFE DEVICES	BCA 2019 (AMDT 1) CLAUSE D2.21
4.	AUTOMATIC FIRE DETECTION & ALARM SYSTEM	BCA 2019 (AMDT 1) SPEC. E2.2A

Proposed (New or Modified including section 84(6) of the Regulation) New Clinical Services Building (Building 36)		
		AS 1670.1 – 2018 & FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07) PREPARED BY E-LAB DATED 18.05.2023
5.	AUTOMATIC FIRE SUPPRESSION SYSTEMS (RESIDENTIAL HEADS TO PATIENT CARE AREAS ONLY)	BCA 2019 (AMDT 1) CLAUSE E1.5, SPEC. E1.5 AS 2118.1 – 2017 & AS 2118.6 – 2012 & FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07) PREPARED BY E-LAB DATED 18.05.2023
6.	BUILDING OCCUPANT WARNING SYSTEM ACTIVATED BY THE SPRINKLER SYSTEM & DETECTION SYSTEM	BCA 2019 (AMDT 1) SPEC. E1.5, CLAUSE 8 & AS 1670.1 – 2018, CLAUSE 3.22 & FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07) PREPARED BY E-LAB DATED 18.05.2023
7.	EMERGENCY LIFTS	BCA 2019 (AMDT 1) CLAUSE E3.4, AS 1735.2 – 2001 & FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07) PREPARED BY E-LAB DATED 18.05.2023
8.	EMERGENCY LIGHTING	BCA 2019 (AMDT 1) CLAUSE E4.2, E4.4 & AS 2293.1 – 2018
9.	EMERGENCY EVACUATION PLAN	AS 3745-2010 & FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07) PREPARED BY E-LAB DATED 18.05.2023
10.	EXIT SIGNS	BCA 2019 (AMDT 1) CLAUSES E4.5, E4.6 & E4.8 & AS 2293.1 – 2018
11.	FIRE BLANKETS	BCA 2019 (AMDT 1) CLAUSE E1.6, AS 3504 – 2006 & AS 2444 – 2001
12.	FIRE DAMPERS	BCA 2019 (AMDT 1) CLAUSE C3.15 & SPEC. C2.5, AS 1668.1 – 2015 & AS 1682.1 & 2 – 2015 & MANUFACTURER'S SPECIFICATIONS & FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07) PREPARED BY E-LAB DATED 18.05.2023
13.	FIRE DOORS	BCA 2019 (AMDT 1) CLAUSES C2.12, C2.13, C3.5, C3.7, C3.8, AS 1905.1 – 2015 & MANUFACTURER'S SPECIFICATIONS
14.	FIRE HOSE REELS	BCA 2019 (AMDT 1) CLAUSE E1.4 AS 2441 – 2005 & FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07) PREPARED BY E-LAB DATED 18.05.2023
15.	FIRE HYDRANT SYSTEMS	BCA 2019 (AMDT 1) CLAUSE E1.3, AS 2419.1 – 2005, & AS 2118.6 – 2012 & FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07) PREPARED BY E-LAB DATED 18.05.2023
16.	FIRE RATED ELEMENTS LOADBEARING (CONCRETE OR MASONRY)	BCA 2019 (AMDT 1) SPEC. C1.1
17.	FIRE SEALS	BCA 2019 (AMDT 1) CLAUSE C3.15, AS 1530.4 – 2014 & AS 4072.1 – 2005 & MANUFACTURERS' SPECIFICATIONS &

Proposed (New or Modified including section 84(6) of the Regulation) New Clinical Services Building (Building 36)		
		FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07) PREPARED BY E-LAB DATED 18.05.2023
18.	LIGHTWEIGHT CONSTRUCTION	BCA 2019 (AMDT 1) CLAUSE C1.8, AS 1530.4 – 2014 & MANUFACTURER'S SPECIFICATIONS
19.	FIRE COMPARTMENTS, WALLS & FLOORS	BCA 2019 (AMDT 1) SPEC. C1.1 & FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07) PREPARED BY E-LAB DATED 18.05.2023
20.	MANUAL CALL POINTS	BCA 2019 (AMDT 1) SECTION E
21.	MECHANICAL AIR HANDLING SYSTEMS (AUTOMATIC SHUTDOWN)	BCA 2019 (AMDT 1) CLAUSE E2.2, TABLE E2.2A, AS/NZS 1668.1 – 2015 & AS 1668.2 – 2012
22.	PATHS OF TRAVEL	EP&A (DC&FS) REG. 2021 CLAUSE 109 & BCA PART D & FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07) PREPARED BY E-LAB DATED 18.05.2023
23.	PLANNING FOR EMERGENCIES – HEALTH CARE FACILITIES	AS 4083-2010 & FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07) PREPARED BY E-LAB DATED 18.05.2023
24.	PORTABLE FIRE EXTINGUISHERS	BCA 2019 (AMDT 1) CLAUSE E1.6 AS 2444 – 2001 & FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07) PREPARED BY E-LAB DATED 18.05.2023
25.	PRESSURISING SYSTEMS (FIRE ISOLATED STAIRWAYS AND ASSOCIATED PASSAGEWAYS)	BCA 2019 (AMDT 1) CLAUSE E2.2, TABLE E2.2A, & AS/NZS 1668.1 – 2015
26.	REQUIRED EXIT DOORS (POWER OPERATED)	BCA 2019 (AMDT 1) CLAUSE D2.19(B)
27.	SELF-CLOSING FIRE HOPPERS	BCA 2019 (AMDT 1) CLAUSE C3.13 & AS 1530.4 – 2014
28.	SMOKE DAMPERS	BCA 2019 (AMDT 1) PART E, AS/NZS 1668.1 – 2015, AS 1682.1 & 2 – 2015, MANUFACTURER'S SPECIFICATIONS
29.	SMOKE COMPARTMENTS, WALLS & FLOORS	BCA 2019 (AMDT 1) CLAUSE C2.5, SPEC. C2.5, C3.4, SPEC C3.4 & FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07) PREPARED BY E-LAB DATED 18.05.2023
30.	SMOKE DOORS	BCA 2019 (AMDT 1) CLAUSE C2.5, SPEC. C2.5, C3.4, SPEC C3.4 & FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07) PREPARED BY E-LAB DATED 18.05.2023
31.	SMOKE SEALS	SPEC C3.4 & FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07) PREPARED BY E-LAB DATED 18.05.2023
32.	SOUND SYSTEM & INTERCOM SYSTEMS FOR EMERGENCY PURPOSES (SSISEP)	BCA 2019 (AMDT 1) CLAUSE E4.9 & AS 1670.4 – 2018

Proposed (New or Modified including section 84(6) of the Regulation) New Clinical Services Building (Building 36)		
33.	STAND-BY POWER SYSTEMS	BCA 2019 (AMDT 1) CLAUSES E1.3, E3.4, E4.2 & E4.5 & AS 3000 – 2018
34.	WALL-WETTING SPRINKLERS	BCA 2019 (AMDT 1) CLAUSE C3.4 & AS 2118.2 – 2010
35.	WARNING & OPERATIONAL SIGNS	EP&A (DC&FS) REG. 2021 CLAUSE 108, BCA 2019 (AMDT 1) CLAUSE D2.23, D3.6, E3.3 & 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
SUMMARY OF EXISTING FIRE ENGINEERING PERFORMANCE SOLUTIONS INTENSIVE CARE UNIT (BUILDING 1), IN PATIENT UNIT (BUILDING 2) & COMMUNITY HEALTH BUILDING (BUILDING 33)		
FIRE ENGINEERING REPORT NO. SY180432 REV 1.0 DATED 2 AUGUST 2019 PREPARED BY WARRINGTONFIRE	BCA PERFORMANCE REQUIREMENTS CP2 & CP4	CLAUSE C1.9 THE NEW EXTERNAL WALLS OF THE IPU AND ICU EXPANSIONS INCLUDE SARKING MATERIAL THAT IS COMBUSTIBLE.
FIRE ENGINEERING REPORT NO. SY180432 REV 1.0 DATED 2 AUGUST 2019 PREPARED BY WARRINGTONFIRE	BCA PERFORMANCE REQUIREMENTS CP1 & CP2	SPECIFICATION C1.1 THE FOLLOWING LOADBEARING ELEMENTS OF THE ICU EXPANSION ACHIEVE A 1- HOUR FIRE RATING INSTEAD OF 2 HOURS: <ul style="list-style-type: none"> COLUMNS WITHIN EXTERNAL WALLS OF THE GROUND FLOOR EXPANSION EXTERNAL COLUMNS ON THE LOWER GROUND FLOOR WHICH SUPPORT THE EXPANSION
FIRE ENGINEERING REPORT NO. SY180432 REV 1.0 DATED 2 AUGUST 2019 PREPARED BY WARRINGTONFIRE	BCA PERFORMANCE REQUIREMENTS DP2 & DP4	CLAUSE D2.20 AND SPECIFICATION C3.4 A NUMBER OF SMOKE DOORS WITHIN THE ACH SWING AGAINST THE DIRECTION OF EGRESS
FIRE ENGINEERING REPORT NO. SY180432 REV 1.0 DATED 2 AUGUST 2019 PREPARED BY WARRINGTONFIRE	BCA PERFORMANCE REQUIREMENTS EP1.1	CLAUSE E1.4 PORTABLE FIRE EXTINGUISHERS WILL BE PROVIDED TO THE EXISTING WAITING ROOM WITHIN THE ICU IN LIEU OF FIRE HOSE REEL COVERAGE.

+ (Ref No./Title of report/Author/Date)	+ BCA Performance Requirement(s)	+ BCA DtS Provision(s) and details of non-compliance
SUMMARY OF PROPOSED FIRE ENGINEERING PERFORMANCE SOLUTIONS CLINICAL SERVICES BUILDING (BUILDING 36)		
FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07) PREPARED BY E-LAB DATED 18.05.2023	BCA PERFORMANCE REQUIREMENTS CP2, CP3, CP4, CP9 & EP2.2	DTS CLAUSES C1.1, SPECIFICATION C1.1, C2.2 & C3.16 RATIONALISATION OF CAVITY BARRIERS AND GAPS BETWEEN SLAB EDGE AND INTERNAL FACE OF EXTERNAL WALLS.

+ (Ref No./Title of report/Author/Date)	+ BCA Performance Requirement(s)	+ BCA Dts Provision(s) and details of non-compliance
		a. PROVIDE SMOKE PROOF CAVITY BARRIER / SEPARATION AT THE FAÇADE DETAIL. b. TO PERMIT LIGHTWEIGHT FIRE-RESISTING CONSTRUCTION/ FIRE WALLS TO EXTEND TO SMOKE PROOF CAVITY BARRIERS
FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07) PREPARED BY E-LAB DATED 18.05.2023	BCA PERFORMANCE REQUIREMENTS CP2, CP3, CP4 & EP2.2	DTS CLAUSE C2.5 PERMIT SMOKE COMPARTMENTS TO EXCEED MAXIMUM ALLOWABLE FLOOR AREAS.
FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07) PREPARED BY E-LAB DATED 18.05.2023	BCA PERFORMANCE REQUIREMENTS CP2, CP3 & CP4	DTS CLAUSES C1.9, C2.7, SPECIFICATION C2.5 PERMIT COMBUSTIBLE ELEMENTS (TIMBER NOGGINS) IN SMOKE AND FIRE WALLS.
FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07) PREPARED BY E-LAB DATED 18.05.2023	BCA PERFORMANCE REQUIREMENTS CP2 & CP8	DTS CLAUSES C3.3 & C3.4 JUSTIFY THE METHOD OF PROTECTION PROVIDED TO OPENINGS AND EXTERNAL WALLS.
FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07) PREPARED BY E-LAB DATED 18.05.2023	BCA PERFORMANCE REQUIREMENTS CP2, CP4 & CP8	DTS CLAUSE C3.15 PERMIT METAL SERVICE PENETRATIONS NOT PROTECTED IN ACCORDANCE WITH CLAUSE C3.15.
FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07) PREPARED BY E-LAB DATED 18.05.2023	BCA PERFORMANCE REQUIREMENTS CP3 & CP4	DTS CLASUE C2.5 OMIT SMOKE DAMPERS IN SURGERY AND CRITICAL CARE ROOMS WHERE DUCTS PENETRATE A FIRE OR SMOKE WALL.
FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07) PREPARED BY E-LAB DATED 18.05.2023	BCA PERFORMANCE REQUIREMENTS CP3 & DP2	DTS CLAUSES D2.20, SPEC C3.4 PERMIT FIRE SAFETY DOORS TO SWING IN A SINGLE DIRECTION IN LIEU OF BOTH DIRECTIONS
FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07) PREPARED BY E-LAB DATED 18.05.2023	BCA PERFORMANCE REQUIREMENTS DP4 & EP2.2	DTS CLAUSES D1.4 & D1.5 PERMIT EXTENDED TRAVEL DISTANCES WITHIN THE BUILDING.
FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07) PREPARED BY E-LAB DATED 18.05.2023	BCA PERFORMANCE REQUIREMENTS DP4, CP4, EP2.2	DTS CLAUSES D1.1 7 D1.12 PERMIT HORIZONTAL EXITS TO MOVE INTO COMPARTMENTS THAT DO NOT PROVIDE DIRECT ACCESS TO FIRE STAIRS OR OPEN SPACE. PERMIT DISCHARGE OF HORIZONTAL EXITS INTO THE FRONT OF HOUSE AREA OCCUPIED BY THE NON-REQUIRED NON-FIRE ISOLATED STAIRWAY AND VOID.
FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07)	BCA PERFORMANCE REQUIREMENTS	DTS CLAUSES D2.19 & D2.20 PERMIT FIRE SAFETY DOORS (INCLUDING HORIZONTAL EXIT DOORS) TO SWING IN A

+ (Ref No./Title of report/Author/Date)	+ BCA Performance Requirement(s)	+ BCA Dts Provision(s) and details of non-compliance
PREPARED BY E-LAB DATED 18.05.2023	CP3, CP4 & DP2	SINGLE DIRECTION (AGAINST EGRESS) IN LIEU OF BOTH DIRECTIONS
FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07) PREPARED BY E-LAB DATED 18.05.2023	BCA PERFORMANCE REQUIREMENTS EP1.3	DTS CLAUSE E1.3 PERMIT THE HYDRANT AND SPRINKLER BOOSTER TO NOT BE WITHIN SIGHT OF THE MAIN ENTRANCE OF THE BUILDING. A NUMBER OF HYDRANT AND HOSE REELS ARE >4M FROM AN EXIT.
FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07) PREPARED BY E-LAB DATED 18.05.2023	BCA PERFORMANCE REQUIREMENTS EP1.1	DTS CLAUSE E1.4 PERMIT FIRE EXTINGUISHERS IN SMALL COMPARTMENTS IN LIEU OF FIRE HOSE REELS.
FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07) PREPARED BY E-LAB DATED 18.05.2023	BCA PERFORMANCE REQUIREMENTS EP1.4	DTS CLAUSE E1.5 OMIT THE SPRINKLER COVERAGE IN LOW VOLTAGE EQUIPMENT ROOMS IN THE DEVELOPMENT IN ACCORDANCE WITH THE NCC2022 AND SMOKE SEPARATION REQUIREMENTS. CONCEAL SPRINKLERS IN STERILE ROOMS.
FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07) PREPARED BY E-LAB DATED 18.05.2023	BCA PERFORMANCE REQUIREMENTS EP2.1 & EP4.3	DTS CLAUSE E4.9 PROVIDE VISUAL INDICATOR ALARMS (VIDS) IN LIEU OF SYSTEM SPEAKERS IN PATIENT ROOMS AND OPERATING THEATRES.
FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07) PREPARED BY E-LAB DATED 18.05.2023	BCA PERFORMANCE REQUIREMENTS DP2 & DP4	DTS CLAUSE D2.14 TO PERMIT NON-PATIENT CARE LANDINGS AND MID-LANDING BETWEEN LEVEL AND ROOF WITHIN THE FIRE-ISOLATED STAIR.
FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07) PREPARED BY E-LAB DATED 18.05.2023	BCA PERFORMANCE REQUIREMENTS CP2 & CP3	DTS SPECIFICATION C1.1 SERVICE SHAFT REQUIREMENTS
FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07) PREPARED BY E-LAB DATED 18.05.2023	BCA PERFORMANCE REQUIREMENTS CP4, DP4 & EP2.2	DTS CLAUSE D1.10 EGRESS VIA SEPARATE ALLOTMENT
FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07) PREPARED BY E-LAB DATED 18.05.2023	BCA PERFORMANCE REQUIREMENTS EP3.2	DTS CLAUSE E3.4 PERMIT LIFTS 3 & 4 TO BE EMERGENCY LIFTS WHICH DO NOT SERVE ALL LEVELS
FIRE ENGINEERED PERFORMANCE SOLUTION REPORT (P00164-07) PREPARED BY E-LAB DATED 18.05.2023	BCA PERFORMANCE REQUIREMENTS EP1.3, EP1.4 & EP2.3	DTS CLASUES E1.3, E1.5 & E2.2 LINKWAY CONNECTION AND MIMIC PANEL REQUIREMENTS.

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	
2.		
3.		

Proposed (New or Modified)		
1.	N/A	
2.		
3.		

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	
2.		
3.		

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

Name	Organisation (Business name)
DAVID BLACKETT	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 (BDC0032)	
Date of Issue	
15/05/2024	

+ Inspection and Certification Schedule

Required Inspections

The following inspections must be undertaken during the construction program.

- + Completion of smoke proof walls prior to installation of ceiling.
- + Completion of fire rated walls prior to installation of ceiling.
- + Installation of concealed essential fire safety measures prior to covering.
- + Preliminary Final Inspection and onsite testing of all active fire safety systems. Prior to completion of building works.
- + After the building works has been completed and prior to any Occupation Certificate being issued in relation to the building.