

BCA Crown Certificate

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

Certificate No.	CRO-24056	
Date of Certificate	12 June 2024	
+ Subject Land		
Lot + DP	Lot 373	DP 755952
	Lot 1	DP 1043088
	Lot 1031	DP 1208730
	Lot 1302	DP 1208730
	Lot 102	DP 1165533
	Lot 104	DP 1165533
	Lot 7034	DP 1031852
Address	Shoalhaven Hospital, Scenic Drive, Nowra	
Local Government Area	Shoalhaven City Council	
+ Applicant		
Name	Rhys Collum	
Company	John Holland Group	
Address	Level 3, 63-65 Pirrama Rd, Pyrmont, NSW, 2009	
Phone	Phone (02) 9552 4288	Mobile 0472 573 672
Email	rhys.collum@jhg.com.au	
+ Owner		
Name	Health Administration Corporation	
Address	1 Reserve Road St Leonards, NSW 2065	
Mobile	0433 282 031	
+ Description of Development		
Description	<p>CC#6: Internal Fitout and Services, Building Envelope <u>only</u>, associated with the construction of a seven-storey hospital building with rooftop plant, helipad, ambulance entry from Shoalhaven Street, loading dock and mortuary parking, including demolition works, earthworks, tree removal, landscaping, and utility works.</p> <p><i>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.</i></p> <p><i>2. This BCA Crown Certificate excludes any external ancillary services, structures or civil works required by relevant authorities.</i></p>	
BCA Classification	Class 9a (Health Care) Class 7b (Loading Dock) Class 4 (Sole dwelling within a building of non-residential nature)	
Applicable BCA	NCC Volume 1 2019 <u>Note:</u> NCC 2022 (to the exclusion of Part G5) has been adopted through a Performance Solution.	
Development Consent	Consent Number: SSD-35999468 MOD 1 MOD 2 MOD 3 MOD 4	Date: 5 April 2023 Date: 8 June 2023 Date: 30 August 2023 Date: 07 March 2024 Date: 22 March 2024
Statutory Certification	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.	
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:

BDC 0032

Liability limited by a scheme approved under Professional Standards Legislation

Schedule 1 – Schedule of Documentation

Referenced Plans

+ Architectural Plans prepared by Conrad Gargett

+ Drawing Number	+ Rev	+ Date	+ Drawing Number	+ Rev	+ Date
SHR-CGA-STW-DRG-ARC-06X000	03	26.03.24	SHR-CGA-STW-DRG-ARC-06X001	02	26.03.24
SHR-CGA-STW-DRG-ARC-06X002	01	26.03.24	SHR-CGA-STW-DRG-ARC-06X003	01	26.03.24
SHR-CGA-ASB-DRG-ARC-120001	01	26.03.24	SHR-CGA-ASB-DRG-ARC-121001	01	26.03.24
SHR-CGA-ASB-DRG-ARC-121002	01	26.03.24	SHR-CGA-ASB-DRG-ARC-122001	02	01.05.24
SHR-CGA-ASB-DRG-ARC-122002	02	01.05.24	SHR-CGA-ASB-DRG-ARC-123001	01	26.03.24
SHR-CGA-ASB-DRG-ARC-124001	01	26.03.24	SHR-CGA-ASB-DRG-ARC-126001	01	26.03.24
SHR-CGA-ASB-DRG-ARC-127001	01	26.03.24	SHR-CGA-ASB-DRG-ARC-127002	01	26.03.24
SHR-CGA-ASB-DRG-ARC-128001	01	26.03.24	SHR-CGA-ASB-DRG-ARC-128002	01	26.03.24
SHR-CGA-ASB-DRG-ARC-100001	04	26.03.24	SHR-CGA-ASB-DRG-ARC-101001	05	26.03.24
SHR-CGA-ASB-DRG-ARC-102001	06	01.05.24	SHR-CGA-ASB-DRG-ARC-102002	05	01.05.24
SHR-CGA-ASB-DRG-ARC-103001	04	26.03.24	SHR-CGA-ASB-DRG-ARC-104001	04	26.03.24
SHR-CGA-ASB-DRG-ARC-105001	05	26.03.24	SHR-CGA-ASB-DRG-ARC-106001	05	26.03.24
SHR-CGA-ASB-DRG-ARC-107001	05	26.03.24	SHR-CGA-ASB-DRG-ARC-108001	05	26.03.24
SHR-CGA-ASB-DRG-ARC-140001	01	26.03.24	SHR-CGA-ASB-DRG-ARC-140002	01	26.03.24
SHR-CGA-ASB-DRG-ARC-140003	01	16.11.23	SHR-CGA-ASB-DRG-ARC-140007	01	26.03.24
SHR-CGA-ASB-DRG-ARC-141001	01	26.03.24	SHR-CGA-ASB-DRG-ARC-141002	01	02.02.24
SHR-CGA-ASB-DRG-ARC-141003	01	02.02.24	SHR-CGA-ASB-DRG-ARC-141004	01	26.03.24
SHR-CGA-ASB-DRG-ARC-141007	01	26.03.24	SHR-CGA-ASB-DRG-ARC-142001	03	01.05.24
SHR-CGA-ASB-DRG-ARC-142002	03	01.05.24	SHR-CGA-ASB-DRG-ARC-142003	02	01.05.24
SHR-CGA-ASB-DRG-ARC-142005	02	01.05.24	SHR-CGA-ASB-DRG-ARC-143001	01	26.03.24
SHR-CGA-ASB-DRG-ARC-143002	01	26.03.24	SHR-CGA-ASB-DRG-ARC-143003	01	26.03.24

+ Drawing Number	+ Rev	+ Date	+ Drawing Number	+ Rev	+ Date
SHR-CGA-ASB-DRG-ARC-143004	01	26.03.24	SHR-CGA-ASB-DRG-ARC-144001	01	26.03.24
SHR-CGA-ASB-DRG-ARC-144002	01	26.03.24	SHR-CGA-ASB-DRG-ARC-144004	01	26.03.24
SHR-CGA-ASB-DRG-ARC-145001	01	26.03.24	SHR-CGA-ASB-DRG-ARC-145002	01	26.03.24
SHR-CGA-ASB-DRG-ARC-145004	01	26.03.24	SHR-CGA-ASB-DRG-ARC-146001	01	26.03.24
SHR-CGA-ASB-DRG-ARC-146002	01	26.03.24	SHR-CGA-ASB-DRG-ARC-146004	01	26.03.24
SHR-CGA-ASB-DRG-ARC-147001	01	26.03.24	SHR-CGA-ASB-DRG-ARC-147002	01	26.03.24
SHR-CGA-ASB-DRG-ARC-147004	01	26.03.24	SHR-CGA-ASB-DRG-ARC-147004R	01	26.03.24
SHR-CGA-ASB-DRG-ARC-148001	01	26.03.24	SHR-CGA-ASB-DRG-ARC-148002	01	26.03.24
SHR-CGA-ASB-DRG-ARC-148003	01	26.03.24	SHR-CGA-ASB-DRG-ARC-148004	01	26.03.24
SHR-CGA-ASB-DRG-ARC-148005	01	26.03.24	SHR-CGA-ASB-DRG-ARC-150001	01	26.03.24
SHR-CGA-ASB-DRG-ARC-150002	01	26.03.24	SHR-CGA-ASB-DRG-ARC-150003	01	26.03.24
SHR-CGA-ASB-DRG-ARC-151001	01	26.03.24	SHR-CGA-ASB-DRG-ARC-151002	01	26.03.24
SHR-CGA-ASB-DRG-ARC-151003	01	26.03.24	SHR-CGA-ASB-DRG-ARC-151004	01	26.03.24
SHR-CGA-ASB-DRG-ARC-151005	01	26.03.24	SHR-CGA-ASB-DRG-ARC-152001	03	01.05.24
SHR-CGA-ASB-DRG-ARC-152002	03	01.05.24	SHR-CGA-ASB-DRG-ARC-152003	03	01.05.24
SHR-CGA-ASB-DRG-ARC-152004	03	01.05.24	SHR-CGA-ASB-DRG-ARC-152005	03	01.05.24
SHR-CGA-ASB-DRG-ARC-153001	01	26.03.24	SHR-CGA-ASB-DRG-ARC-153002	01	26.03.24
SHR-CGA-ASB-DRG-ARC-153003	01	26.03.24	SHR-CGA-ASB-DRG-ARC-153004	01	26.03.24
SHR-CGA-ASB-DRG-ARC-154001	01	26.03.24	SHR-CGA-ASB-DRG-ARC-154002	01	26.03.24
SHR-CGA-ASB-DRG-ARC-154004	01	26.03.24	SHR-CGA-ASB-DRG-ARC-155001	01	26.03.24
SHR-CGA-ASB-DRG-ARC-155002	01	26.03.24	SHR-CGA-ASB-DRG-ARC-155004	01	26.03.24
SHR-CGA-ASB-DRG-ARC-156001	01	26.03.24	SHR-CGA-ASB-DRG-ARC-156002	01	26.03.24
SHR-CGA-ASB-DRG-ARC-156004	01	26.03.24	SHR-CGA-ASB-DRG-ARC-157001	01	XX.02.24
SHR-CGA-ASB-DRG-ARC-157004	01	XX.02.24	SHR-CGA-ASB-DRG-ARC-158001	01	XX.02.24
SHR-CGA-ASB-DRG-ARC-20X001	01	26.03.24	SHR-CGA-ASB-DRG-ARC-20X002	01	26.03.24

+ Drawing Number	+ Rev	+ Date	+ Drawing Number	+ Rev	+ Date
SHR-CGA-ASB-DRG-ARC-35X001	04	26.03.24	SHR-CGA-ASB-DRG-ARC-35X002	04	26.03.24
SHR-CGA-ASB-DRG-ARC-35X003	02	26.03.24	SHR-CGA-ASB-DRG-ARC-55X001	02	26.03.24
SHR-CGA-ASB-DRG-ARC-55X002	02	26.03.24	SHR-CGA-ASB-DRG-ARC-55X003	02	26.03.24
SHR-CGA-ASB-DRG-ARC-55X004	02	26.03.24	SHR-CGA-ASB-DRG-ARC-55X005	02	26.03.24
SHR-CGA-ASB-DRG-ARC-55X006	02	26.03.24	SHR-CGA-ASB-DRG-ARC-55X007	02	26.03.24
SHR-CGA-ASB-DRG-ARC-55X008	02	26.03.24	SHR-CGA-ASB-DRG-ARC-55X009	02	26.03.24
SHR-CGA-ASB-DRG-ARC-55X010	03	26.03.24	SHR-CGA-ASB-DRG-ARC-55X011	03	26.03.24
SHR-CGA-ASB-DRG-ARC-55X012	03	26.03.24	SHR-CGA-ASB-DRG-ARC-55X013	02	26.03.24
SHR-CGA-ASB-DRG-ARC-55X014	02	26.03.24	SHR-CGA-ASB-DRG-ARC-55X015	02	26.03.24
SHR-CGA-ASB-DRG-ARC-55X016	01	26.03.24	SHR-CGA-ASB-DRG-ARC-55X017	02	26.03.24
SHR-CGA-ASB-DRG-ARC-55X018	01	26.03.24	SHR-CGA-ASB-DRG-ARC-55X019	02	26.03.24
SHR-CGA-ASB-DRG-ARC-55X020	01	26.03.24	SHR-CGA-STW-DRG-ARC-84X001	01	26.03.24

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 Certificate Application	John Holland Group	05 April 2023
2.	Long Service Levy Receipt No. L0000117256	Long Service Corporation	18 April 2024
3.	Performance Base Design Brief (FEBQ)	Fire and Rescue Pty Ltd	21 December 2023
4.	Email Correspondence: FEBQ Confirmation	Fire and Rescue Pty Ltd	21 December 2023
5.	Electrical Service Design Certificate	Heyday Group	31 January 2024
6.	Fire Services Specification	Jacobs Group (Australia Pty Limited)	22 August 2022
7.	Fire Hydrant and Fire Hose Rell Coverage Plans	John Holland Group	06 December 2023
8.	Building Works Design Certificate	Schindler Lifts Australia Pty Ltd	23 January 2024
9.	Architectural Specification	Conrad Gargett Group Pty Ltd	23 March 2024
10.	Civil Design Certificate	Meinhardt Bonacci Group (NSW) Pty Ltd	23 February 2024

+ Item	+ Documentation	+ Prepared by	+ Date
11.	Design Certification	Endeavour Energy Pty Ltd	06 April 2023
12.	Hydraulic Design Statement	OSKA Hydraulic Consultants Pty Ltd	04 April 2024
13.	Electrical Design Certificate	Heyday5 Group Pty Ltd	22 March 2024
14.	Electrical Design Certificate Lighting	Lightbox Studio Pty Ltd	21 March 2024
15.	Mechanical Design Certificate	HVAC Australia Pty Ltd	04 April 2024
16.	Fire Services Design Certificate	Emerge Fire Services Pty Ltd	05 April 2024
17.	Fire Engineering Report	Arup Australia Pty Ltd	20 March 2024
18.	Section J Report	WSP Pty Ltd	03 April 2024
19.	Email Correspondence: NBN fibre requirement	John Holland Pty Ltd	12 December 2023
20.	Civil Siteworks Plan	Conrad Gargett Group Pty Ltd	21 February 2024
21.	Structural Design Certificate	Bonacci Group (NSW) Pty Ltd	18 April 2024
22.	Architectural Design Statement	Architectus Conrad Gargett Pty Ltd	28 March 2024
23.	Notice of Commencement	Health Infrastructure	18 April 2024
24.	Email Correspondence: Post Approval Document Received	Health Infrastructure	18 April 2024
25.	Structural Plans	Conrad Gargett Group Pty Ltd	05 September 2023
26.	Mechanical Plans	Conrad Gargett Group Pty Ltd	24 November 2023
27.	Fire Services Plans	Conrad Gargett Group Pty Ltd	06 December 2023
28.	Architectural Design Statement	Conrad Gargett Pty Ltd	01 May 2024
29.	Redevelopment Staging Report	John Holland Pty Ltd	01 April 2024
30.	Email Correspondence: Approval to discharge water	Shoalhaven City Council	12 January 2024
31.	Sustainability Statement	WSP Australia Pty Ltd	03 May 2024
32.	Victor Fattoreto CV	Acoustic Logic Pty Ltd	-
33.	Mechanical Services Noise Emissions	Acoustic Logic Pty Ltd	23 April 2024
34.	Civil Design Certificate	Meinhardt Bonacci Group (NSW) Pty Ltd	02 May 2024
35.	D4D5Exemption Letter	Illawarra Shoalhaven Local Health District	19 April 2024
36.	Performance Base Design Brief	WSP Australia Pty Ltd	24 April 2024
37.	Weatherproofing Design Brief	WSP Australia Pty Ltd	20 May 2024
38.	External Wall System Disclosure Statement (Design)	SafeOZ Engineers Pty Ltd	15 May 2024
39.	Olam Panz Test Report	Australian Wool Testing Authority Ltd	11 June 2019
40.	Material Fire Test Certificate	Ignis Labs Pty Ltd	06 August 2021
41.	Professional Fire Safety Testing	Ignis Labs Pty Ltd	12 November 2019
42.	Reaction to fire test report	Warringtonfire Pty Ltd	01 November 2019
43.	Ametalin Thermal Break Test Report	Australian Wool Testing Authority Ltd	06 February 2023
44.	Steel Products Test Certificate	Lysaght Pty Ltd and CSIRO Pty Ltd	11 February 2016 22 November 2021
45.	Ceasefire Sarking Test Report	Australian Wool Testing Authority Ltd	11 July 2019
46.	Ceasefire Test Report	Australian Wool Testing Authority Ltd	16 April 2020

+ Item	+ Documentation	+ Prepared by	+ Date
47.	Quick Render Non-Combustible Test Certificate	Warringtonfire Pty Ltd	12 August 2020
48.	External Wall System Disclosure Statement	Architectus Pty Ltd	14 May 2024
49.	External Walls & Cladding Disclosure Statement Letter	John Holland Pty Ltd	17 May 2024
50.	Reaction to Fire test Report Quick Render Non-Combustible with Glass Mesh	Warringtonfire Pty Ltd	07, 08 and 25 September 2020
51.	Reaction to Fire test Report Quick Render Non-Combustible	Warringtonfire Pty Ltd	31 July 2020
52.	External Wall System Disclosure Statement	ICEN Pty Ltd	27 March 2024
53.	Performance Based Design Brief Rev 02	Xcert Pty Ltd	22 May 2024
54.	Performance Based Design Brief Rev 04	Xcert Pty Ltd	30 May 2024
55.	Performance Solution Support Letter	Illawarra Shoalhaven Local Health District	29 May 2024
56.	EWFA Certificate of Assessment	Exova Warringtonfire Aus Pty Ltd	30 September 2017
57.	Mechanical Services Noise Emissions Letter	Acoustic Logic Pty Ltd	23 April 2024

+ Schedule 2 – Conditions and Exclusions

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

1. Prior to the completion of works, the below matters must be closed out to the satisfaction of BM+G and captured within an Amended Crown Certificate:
 - a. Provision of a Design Statement from a Façade Engineer.
 - b. Façade F3P1 Performance Solution, including the following:
 - i. Performance Based Design Brief, including stakeholder acceptance of the document.
 - ii. Final Performance Solution Report.
 - c. Resolution of matters relating to 'fire bolts' including the required Fire Engineering Brief Questionnaire, Peer Review process, and Fire Engineering Report.
2. This Crown Certificate does not certify compliance with the Conditions of the Development Consent SSD-35999468 dated 5 April 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.
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. Demolition works are to be undertaken in accordance with the documentation listed in Schedule 1 & AS 2601-2001.
5. 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.
6. 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.
7. 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.
8. 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.
9. 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

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)

SHOALHAVEN HOSPITAL, SCENIC DRIVE, NOWRA

Lot No. (if known)	CP/DP/SP No. (if known)	Building name (if applicable)
LOT 373	DP 755952	SHOALHAVEN HOSPITAL LEVEL 00
LOT 1	DP 1043088	
LOT 1031	DP 1208730	
LOT 1302	DP 1208730	
LOT 102	DP 1165533	
LOT 104	DP 1165533	
LOT 7034	DP 1031852	

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)
CONSTRUCTION CERTIFICATE	CRO-24056

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
Proposed (New or Modified including section 84(6) of the Regulation)		
1.	ACCESS PANELS, DOORS & HOPPERS	BCA CLAUSE C4D14 AS 1530.4 – 2014 AND MANUFACTURER'S SPECIFICATIONS FIRE SAFETY ENGINEERING REPORT PREPARED BY ARUP REPORT NO. ARUP-RPT-296844-FER-ASB, REVISION C DATED 19 JANUARY 2024.
2.	ALARM SIGNALLING EQUIPMENT	AS 1670.3 – 2018
3.	AUTOMATIC FAIL SAFE DEVICES	BCA CLAUSE D3D26 FIRE SAFETY ENGINEERING REPORT PREPARED BY ARUP REPORT NO. ARUP-RPT-296844-FER-ASB, REVISION C DATED 19 JANUARY 2024.

+ Item No.	+ Fire safety measure	+ Minimum standard of performance
4.	AUTOMATIC FIRE DETECTION & ALARM SYSTEM	BCA SPEC. 20 AS 1670.1 – 2018 FIRE SAFETY ENGINEERING REPORT PREPARED BY ARUP REPORT NO. ARUP-RPT-296844-FER-ASB, REVISION C DATED 19 JANUARY 2024.
5.	AUTOMATIC FIRE SUPPRESSION SYSTEMS	BCA SPEC. 17 AS 2118.1 – 2017, AS 2118.6 – 2012 FIRE SAFETY ENGINEERING REPORT PREPARED BY ARUP REPORT NO. ARUP-RPT-296844-FER-ASB, REVISION C DATED 19 JANUARY 2024.
6.	EMERGENCY LIFTS	BCA CLAUSE E3D5 AS 1735.2 – 2001
7.	EMERGENCY LIGHTING	BCA CLAUSE E4D2 & E4D4 AS 2293.1 – 2018
8.	EMERGENCY EVACUATION PLAN	AS 3745 – 2010 FIRE SAFETY ENGINEERING REPORT PREPARED BY ARUP REPORT NO. ARUP-RPT-296844-FER-ASB, REVISION C DATED 19 JANUARY 2024.
9.	EMERGENCY WARNING INTERCOM SYSTEM (EWIS)	BCA E4D9 AS1670.4 – 2018 FIRE SAFETY ENGINEERING REPORT PREPARED BY ARUP REPORT NO. ARUP-RPT-296844-FER-ASB, REVISION C DATED 19 JANUARY 2024.
10.	EXIT SIGNS	BCA CLAUSES E4D5, NSW E4D6 & E4D8 AS 2293.1 – 2018
11.	FIRE CONTROL ROOM	BCA SPEC 19 FIRE SAFETY ENGINEERING REPORT PREPARED BY ARUP REPORT NO. ARUP-RPT-296844-FER-ASB, REVISION C DATED 19 JANUARY 2024.
12.	FIRE BLANKETS	AS 3504 – 1995 & AS2444 – 2001
13.	FIRE DAMPERS	BCA CLAUSE C4D15 AS 1668.1 – 2015 & AS 1682.1 & 2 – 2015 AND MANUFACTURER'S SPECIFICATION FIRE SAFETY ENGINEERING REPORT PREPARED BY ARUP REPORT NO. ARUP-RPT-296844-FER-ASB, REVISION C DATED 19 JANUARY 2024.
14.	FIRE DOORS	BCA CLAUSE C3D13, C3D14, C4D3, C4D5, C4D6, C4D8, C4D9 & C4D12 AS 1905.1 – 2015 AND MANUFACTURER'S SPECIFICATION FIRE SAFETY ENGINEERING REPORT PREPARED BY ARUP REPORT NO. ARUP-RPT-296844-FER-ASB, REVISION C DATED 19 JANUARY 2024.
15.	FIRE HOSE REELS	BCA CLAUSE E1D3 AS 2441 – 2005 FIRE SAFETY ENGINEERING REPORT PREPARED BY ARUP REPORT NO. ARUP-RPT-296844-FER-ASB, REVISION C DATED 19 JANUARY 2024.
16.	FIRE HYDRANT SYSTEMS	BCA CLAUSE E1D2 AS 2419.1 – 2021

+ Item No.	+ Fire safety measure	+ Minimum standard of performance
		FIRE SAFETY ENGINEERING REPORT PREPARED BY ARUP REPORT NO. ARUP-RPT-280524-FER-ASB REVISION A DATED 17 FEBRUARY 2023.
17.	FIRE SEALS	BCA CLAUSE C4D15, AS 1530.4 – 2014 & AS 4072.1 – 2014 AND MANUFACTURER'S SPECIFICATION FIRE SAFETY ENGINEERING REPORT PREPARED BY ARUP REPORT NO. ARUP-RPT-296844-FER-ASB, REVISION C DATED 19 JANUARY 2024.
18.	LIGHTWEIGHT CONSTRUCTION	BCA CLAUSE C2D9 AS 1530.4 – 2014 AND MANUFACTURER'S SPECIFICATION FIRE SAFETY ENGINEERING REPORT PREPARED BY ARUP REPORT NO. ARUP-RPT-296844-FER-ASB, REVISION C DATED 19 JANUARY 2024.
19.	MECHANICAL AIR HANDLING SYSTEMS (AUTOMATIC SHUTDOWN)	BCA CLAUSE E2D3 AS/NZS 1668.1 – 2015 & AS 1668.2 – 2012
20.	PORTABLE FIRE EXTINGUISHERS	BCA CLAUSE E1D14 AS 2444 – 2001 FIRE SAFETY ENGINEERING REPORT PREPARED BY ARUP REPORT NO. ARUP-RPT-296844-FER-ASB, REVISION C DATED 19 JANUARY 2024.
21.	REQUIRED EXIT DOORS (POWER OPERATED)	BCA CLAUSE D3D24(2) FIRE SAFETY ENGINEERING REPORT PREPARED BY ARUP REPORT NO. ARUP-RPT-296844-FER-ASB, REVISION C DATED 19 JANUARY 2024.
22.	SMOKE HAZARD MANAGEMENT SYSTEMS + STAIR PRESSURISATION + ZONE SMOKE CONTROL	BCA PART E2 AS/NZS 1668.1 – 2015 FIRE SAFETY ENGINEERING REPORT PREPARED BY ARUP REPORT NO. ARUP-RPT-296844-FER-ASB, REVISION C DATED 19 JANUARY 2024.
23.	SMOKE DAMPERS	BCA SPEC 11 AS/NZS 1668.1 – 2015 FIRE SAFETY ENGINEERING REPORT PREPARED BY ARUP REPORT NO. ARUP-RPT-296844-FER-ASB, REVISION C DATED 19 JANUARY 2024.
24.	SMOKE DOORS	BCA SPEC 11 & 12 FIRE SAFETY ENGINEERING REPORT PREPARED BY ARUP REPORT NO. ARUP-RPT-296844-FER-ASB, REVISION C DATED 19 JANUARY 2024.
25.	WALL-WETTING SPRINKLERS	BCA CLAUSE C4D5 AS 2118.2 – 2010 FIRE SAFETY ENGINEERING REPORT PREPARED BY ARUP REPORT NO. ARUP-RPT-296844-FER-ASB, REVISION C DATED 19 JANUARY 2024.
26.	WARNING & OPERATIONAL SIGNS	BCA CLAUSE D3D28, D4D7, E3D4. AS 1905.1 – 2015 & SECTION 108 OF THE EP&A (DCFS) REGULATION 2021 FIRE SAFETY ENGINEERING REPORT PREPARED BY ARUP REPORT NO. ARUP-RPT-296844-FER-ASB, REVISION C DATED 19 JANUARY 2024.

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
FIRE SAFETY ENGINEERING REPORT PREPARED BY ARUP REPORT NO. ARUP-RPT-296844-FER-ASB, REVISION C DATED 19 JANUARY 2024.	C1P2, C1P3	C3D6 <ul style="list-style-type: none"> + TO ALLOW FIRE COMPARTMENTS IN PATIENT CARE AREAS TO BE A MAXIMUM OF 2100M2 IN LIEU OF 2000M2 + TO ALLOW FIRE COMPARTMENTS IN WARD AREAS TO BE A MAXIMUM OF 1100M2 IN LIEU OF 1000M2. + TO ALLOW SMOKE COMPARTMENTS IN WARD AREAS TO BE A MAXIMUM OF 600M2 IN LIEU OF 500M2. + TO ALLOW SMOKE COMPARTMENTS IN TREATMENT AREAS TO BE A MAXIMUM OF 1200M2 IN LIEU OF 1000M2.
	C1P2, C1P3	C2D2 / SPEC 5 TO ALLOW WALL WETTING SPRINKLERS FOR NON-FIRE RESISTING GLAZING IN COMPARTMENT WALLS
	C1P2, C1P3	D2D17 TO ALLOW A NON-REQUIRE NON-FIRE-ISOLATED STAIRWAY TO CONNECT LEVELS 2-6 OF THE ASB PATIENT-CARE AREAS.
	C1P2, C1P3, C1P4	C2D2/SPEC5, C3D15, C4D12 TO ALLOW CLASS 4 ROOMS TO BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS FOR CLASS 9A. <ul style="list-style-type: none"> + LOADBEARING WALLS OF THE SUBJECT CORRIDORS TO ACHIEVE 120/-/ IN LIEU OF 90/90/90. + NON-LOADBEARING WALLS OF THE SUBJECT CORRIDORS SHALL NOT ACHIEVE AN FRL, IN LIEU OF -/90/90; + DOORWAYS THAT PROVIDE ACCESS TO THE SUBJECT CORRIDORS FROM A ROOM NOT WITHIN A SOLE-OCCUPANCY UNIT (I.E. OVERNIGHT ROOM) SHALL NOT BE PROTECTED; + WALLS OF THE SUBJECT CORRIDORS SHALL NOT BE SMOKE PROOF.
	C1P2	C4D4 TO PROVIDE THE REQUIRED LEEL OF PROTECTION ONLY BY FIRE PROTECTING ONE WALL (INCLUDING OPENINGS) WITH 120/120/120 FRL IN IEU OF BOTH WALLS AND PROTETION OF WINDOW OPENINGS WITH DTS WALL WETTING SPRINKLERS PROVIDED INTERNALLY AND EXTERNALLY.
	C1P2, C1P3, C1P8, E2P2	C4D15, SPECC 11, E2D3(2) OMISSION OF SMOKE DAMPERS FROM DUCTS THAT ARE REQUIRED TO CONTINUE TO OPERATE IN FIRE MODE, WHERE A SMOKE DAMPER WOULD IMPEDE THE OPERATIONAL FUNCTION OF THE DUCT.

D1P4, D1P5, E2P2	D2D12, D2D14, E2D4 TO ALLOW DISCONTINUOUS STAIRWAYS: <ul style="list-style-type: none"> + Stair 7 and 8 to only connect level 6-8. + The open stair from the helipad to connect level 7-8.
D1p4, e2p2	D2D5, D2D6 TO ALLOW EXTENDED TRAVEL DISTANCES: PATIENT CARE AREAS <ul style="list-style-type: none"> + UP TO 18M TO A POINT OF CHOICE IN LIEU OF 12M. + UP TO 42M TO AN EXIT IN LIEU OF 30M. + UP TO 57M BETWEEN ALTERNATIVE EXITS, IN LIEU OF 45M. NON-PATIENT CARE AREAS <ul style="list-style-type: none"> + UP TO 30M TO A POINT OF CHOICE IN LIEU OF 20M. + UP TO 52M TO AN EXIT IN LIEU OF 40M. + UP TO 72M BETWEEN ALTERNATIVE EXITS IN LIEU OF 60M.
C1P2, C1P3	C4D6 TO ALLOW FIRE DOORS TO COMPRISE AN EXCESSIVE AMOUNT OF THE LEVEL 1 FIRE-ISOLATED CORRIDOR CONNECTING TO STAIR 3.
D1P4, E2P2	D2D16 TO NOT PROVIDE A VERTICAL EXIT TO ALL COMPARTMENTS.
D1P2	D3D22 TO ALLOW THE HANDRAIL ON THE LEVEL 8 HELIPAD TO NOT EXTEND AT THE TOP OF THE STAIRS.
D1P2	D3D24 TO ALLOW SLIDING DOORS TO BE PROVIDED TO PATIENT ROOMS AND ENTRANCE AIRLOCKS.
D1P2(b)	SPEC 11, SPEC 12, D3D25 TO ALLOW DOORS IN REQUIRED EXITS TO SWING AGAINST THE DIRECTION OF EGRESS.
D1P2	D3d26 TO ALLOW ANTI-LIGATURE DOOR HARDWARE TO BE INSTALLED THROUGHOUT THE MENTAL HEALD DEPARTMENT (NON-SINGLE ACTION).
E1P4	E1D4, SPEC 17 TO ALLOW CONCEALED SPRINKLERS IN OPERATING THEATRES AND ASSOCIATED STERILE ROOMS.
E1P1	E1D3 TO PERMIT FIRE HOSE REEL COVERAGE SHORTFALLS.
E1P4	E1D4, SPEC 17 TO OMIT SPRINKLERS FROM ELECTRICAL ROOMS AND CUPBOARDS CONTAINING ELECTRICAL DISTRIBUTION BOARDS.
E1P1, E1P2, E1P3,	E1D2, E1D3, E1D14, SPEC 20, E4D9

E2P2, EP4.3	TO RATIONALISE SECURE FIRE SAFETY SYSTEMS TO PREVENT UNAUTHORISED ACCESS IN THE MENTAL HEALTH FACILITY.
E2P1	E2D7, SPEC 20 TO ALLOW SMOKE DETECTION WITHIN THE ILING VOID TO BE SPACED ON A 15M GRID IN LIEU OF 10M GRID SPACING.
E4P3	E4D9 OMISSION OF EWIS SPEAKERS FROM PATIENT CARE ROOMS.
C1P2, C1P3	C2D2/SPEC 5, C3D32, C3D6, C3D8 + TO ALLOW THE FIRE RESISTING SLAB AND FIRE WALLS TO TERMINATE AT THE BACKPAN OF THE EXTERNAL WALL. + TO ALLOW COMPARTMENTS FLOOR AREA LIMITATIONS TO BE EXCEEDED.
C1P1, C1P2	C2D2, SPEC 5, C4D3 TO RATIONALISE THE EXPOSURE REQUIREMENTS OF THE ASB TO BUILDING B.
E1P1, E1P3	E1D2 AS 2419.1:2021 E1D3 TO ALLOW FIRE HYDRANT AND HOSE REELS TO BE LOCATED ON THE MID LANDING OF THE OPEN STAIR TO THE HELIPAD.
E1P3, E1P4	E1D2 E1D4 AS 2118.1 AS 2419.1:2021 TO ALLOW THE BOOSTER ASSEMBLY TO NOT BE LOCATED AT THE BOUNDARY OF THE SITE.
E1P2	E1D14, AS 2444 TO ALLOW A SPECIALIST FIRE EXTINGUISHER NOT COMPLYING WITH THE REQUIREMENTS OF AS 1841 TO BE INSTALLED TO THE MRI ROOMS.
E1P3, E1P4	E1D2 E1D4, SPEC 17 AS 2419.1:2021, AS 2118.1:2017, AS 2941:2013 TO ALLOW AN ENCLOSURE THAT DOES NOT ONLY CONTAIN FIREFIGHTING PUMPSETS AND ASSOCIATED EQUIPMENT FOR ASB LEVEL 00 PLANTROOM.
E2P2	E2D7 OMISSION OF ZONE PRESSURISATION TO HELIPAD LOBBY.
C1P2	C2D2/SPEC 5 C4D3 TO OMIT THE REQUIREMENT FOR SEPARATION OF ALLOTMENT BOUNDARIES FOR THE ASB AND BUILDING B.
E1P3	E1D2 AS 2419.1:2021 TO ALLOW FIRE HYDRANTS TO BE LOCATED MORE THAN 4M OF A REQUIRED EXIT.
C1P1	C2D2/SPEC 5 TO OMIT AN FRL OF 120/- FROM THE LINK BRIDGE.
C1P4	SPECIFICATION 7, S7C5 OMISSION OF FIRE HAZARD PROPERTIES TO CHEMICAL FLUES.

	C1P2	C4D13, SPECIFICATION 5 – CLAUSE S5C8 OMISSION OF FIRE RESISTING SHAFT WALLS FOR LEVEL 7 PLANT ROOM.
	E2P2	E2D7, SPECIFICALLY CL 2.5.2 OF AS 1682.1 (2015) TO ALLOW A SMOKE EXHAUST DUCT TO SERVE MULTIPLE FIRE COMPARTMENTS.
	E2P2	E2D3, E2D7, AS1668.1:2015 TO OMIT ZONE PRESSURISATION FROM THE LINK BRIDGE.
	C1P2, E1P4	E1D4 TO OMIT SPRINKLERS FROM UNDERCROFT AREAS.
	C1P2, C1P8	C2D2, C4D15 TO ALLOW MEDICAL GAS PIPE PENETRATIONS TO ACHIEVE AN FRL OF -/180/180 IN LIEU OF -/240/240.

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)
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	
12/06/2024	