



# BCA CROWN CERTIFICATE

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

<b>CERTIFICATE No.:</b>	CRO-22125
<b>DATE OF CERTIFICATE:</b>	16 January 2023
<b>SUBJECT LAND:</b>	
Lot & DP	Lot 101 DP 1119583
Address	The Children's Hospital at Westmead Corner of Hawkesbury Road & Hainsworth Street WESTMEAD NSW 2145
<b>LOCAL GOVERNMENT AREA:</b>	Parramatta City Council
<b>APPLICANT:</b>	
Name	Anna Chernih
Company	Health Infrastructure NSW
Address	1 reserve Road ST LEONARDS NSW 2065
Phone/Email	Phone: 0408 702 690 Email: anna.chernih@health.nsw.gov.au
<b>OWNER:</b>	
Name	Sydney Children Hospital Network
Address	5 Fleet Street NORTH PARRAMATTA NSW 2151
Phone / Email	Phone: (02) 9840 3000
<b>PLANNING APPROVAL:</b>	
SSD No.:	10349252
Date of Determination	15 December 2021
<b>DESCRIPTION OF DEVELOPMENT:</b>	The Children's Hospital at Westmead - Paediatric Services Building comprising: <ul style="list-style-type: none"><li>+ Demolition, earthworks, remediation and tree removal</li><li>+ Construction and operation of a 14 level Paediatric Services Building</li><li>+ Extension of the existing medical gas compound</li><li>+ Weather protection awning and pedestrian connections to the adjacent Central Acute Services Building and Kids Research Building</li><li>+ Expansion and refurbishment of the pathology building</li><li>+ Retails pods, landscaping, public domain works and signage zones</li></ul> Stage 1 Crown Certificate – Early works associated with the Paediatric Services Building including: <ul style="list-style-type: none"><li>+ Substructure</li><li>+ Concrete slabs on ground</li><li>+ Inground services</li><li>+ Inground waterproofing works</li></ul>
<b>BCA CLASSIFICATION:</b>	Class 3, 5, 6, 7a & 9a
<b>REFERENCED DOCUMENTATION:</b>	As listed in Schedule 1
<b>STATUTORY CERTIFICATION:</b>	

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.



**CONDITIONS:**

As listed in Schedule 2

**PERSON UNDERTAKING CERTIFICATION  
OF DESIGN ON BEHALF OF THE CROWN:**

SIGNATURE

Accredited Certifier in NSW  
Accreditation No.

David Blackett  
BDC 0032

Date: 16 January 2023



## SCHEDULE 1

### SCHEDULE OF DOCUMENTATION

+ Architectural Plans prepared by Billard Lee Partnership Pty Ltd:

DRAWING NUMBER	REV	DATE	DRAWING NUMBER	REV	DATE
CHW-AR-DG-PSB-10-01001	X	24.06.2022	CHW-AR-DG-PSB-10-02001	W	24.06.2022
CHW-AR-DG-PSB-11-01001	C	15.07.2022	CHW-AR-DG-PSB-11-1002	C	15.07.2022
CHW-AR-DG-PSB-11-02001	C	15.07.2022	CHW-AR-DG-PSB-11-02002	C	15.07.2022
CHW-AR-DG-PSB-11-02003	D	15.07.2022	CHW-AR-DG-PSB-11-02004	C	15.07.2022
CHW-AR-DG-PSB-30-SE001	F	15.07.2022	CHW-AR-DG-PSB-30-SE004	F	15.07.2022

+ Other documents:

ITEM	DOCUMENTATION	PREPARED BY	DATE
1.	Crown Certificate Application Form	Health Infrastructure NSW	12 July 2022
2.	Structural Design Statement	Arup Australia Pty Ltd	28 July 2022
3.	Structural Drawings	Arup Australia Pty Ltd	15 July 2022
4.	Demolition Design Statement	Ford Civil Contracting Pty Ltd	03 February 2022
5.	Statement of Compliance	Roberts Co (NSW) Pty Ltd	15 September 2022
6.	Architectural Design Statement	Billard Lee Partnership	27 July 2022
7.	Electrical Design Statement	Fredon Industries Pty Ltd	16 August 2022
8.	Environmentally Sustainable Design Report	Steensen Varming	17 September 2021
9.	Aboriginal Cultural Heritage Assessment Report	Jacobs	17 June 2021
10.	Construction Environmental Management Plan	Roberts Co (NSW) Pty Ltd	15 July 2022
11.	Construction Noise & Vibration Management Plan	Stantec Australia Pty Ltd	23 August 2022
12.	Construction Noise Monitoring Report	Arup Australia Pty Ltd	07 February 2022
13.	Construction Soil and Water Management Plan & Construction Flood Emergency Response Sub-Plan	Arup Australia Pty Ltd	09 November 2022
14.	Construction Traffic and Pedestrian Sub-Management Plan	Arup Australia Pty Ltd	26 July 2022
15.	Staging Report (Revision V03)	NGH Consulting	17 October 2022
16.	Remedial Action Plan (Revision C)	JBS&G Australia Pty Ltd	09 February 2021
17.	Construction Waste Management Plan	Roberts Co (NSW) Pty Ltd	15 July 2022
18.	Dilapidation Report - The Children's Hospital Westmead	James Townsend Dilapidation Surveys Pty Ltd	21-23 December 2021
19.	Dilapidation Report – Clinical Services Building & Car Park P17	James Townsend Dilapidation Surveys Pty Ltd	21 - 23 December 2021
20.	Dilapidation Report - Redbank Rd, Labyrinth Way & KR Lane	James Townsend Dilapidation Surveys Pty Ltd	21 - 23 December 2021



21.	Memorandum - Noise Monitoring Locations	Arup Australia Pty Ltd	23 November 2021
22.	Memorandum - Vibration Monitoring Locations within KR Building	Arup Australia Pty Ltd	22 November 2021
23.	Memorandum - Vibration Monitoring Locations within CASB	Arup Australia Pty Ltd	22 November 2021
24.	Memorandum - Vibration Monitoring Locations within CHW	Arup Australia Pty Ltd	22 November 2021
25.	Evidence of submission of the Dilapidation Reports to Parramatta Council	Ford Civil Contracting Pty Ltd	28 January 2022
26.	Post Approval Form – Staging plan	DPI	-
27.	Post Approval Form - Construction Traffic and Pedestrian Sub-Management Plan	DPI	-
28.	Evidence of Engagement of the NSW EPA Contaminated Site Auditor	Health Infrastructure NSW	03 March 2021
29.	Demolition Plan	Arup Australia Pty Ltd	21 July 2021
30.	Site Survey Plans	LTS	09 December 2019
31.	Long Service Levy Receipt No. L62634	The Long Service Corporation	22 July 2022



## SCHEDULE 2

### CONDITIONS OF BCA CROWN CERTIFICATE

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

1. This Crown Certificate does not certify compliance with the conditions of State Significant Development Consent No. 10349252 dated 17 December 2021. The building works should not commence until the Crown is satisfied that the conditions of development consent that are a pre-requisite to commencement have been appropriately addressed where relevant.
2. 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).
3. 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 9 dated 21 September 2021.
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. No approval is given nor implied for the construction of works beyond the scope specifically approved by the Stage 1 Crown Certificate.
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

Issued under s. 78 of the Environmental Planning and Assessment (Development Certification and Fire Safety) Regulation 2021

**ADDRESS:** The Children's Hospital at Westmead  
Cnr Hawkesbury Road & Hainsworth Street, WESTMEAD NSW 2145

**OWNER** Sydney Children Hospital Network

**BCA CROWN CERTIFICATE No.:** CRO-22126

The following essential fire safety measures shall be implemented in the whole of the building premises and each of the fire safety measures must satisfy the standard of performance listed in the schedule, which, for the purposes of Section 78 of the Environmental Planning and Assessment (Development Certification and Fire Safety) Regulation 2021, is deemed to be the current fire safety schedule for the building.

#### SCHEDULE

Statutory Fire Safety Measure	Design / Installation Standard	Existing	Proposed
Access Panels, Doors & Hoppers	BCA Clause C3.13 & AS 1530.4 – 2014 and Manufacturer's specifications		✓
Alarm Signalling Equipment	AS 1670.3 – 2018		✓
Automatic Fail Safe Devices	BCA Clause D2.21		✓
Automatic Fire Detection & Alarm System	BCA Spec. E2.2a AS 1670.1 – 2018		✓
Automatic Fire Suppression Systems	BCA Spec. E1.5 AS 2118.1 – 2017 AS 2118. 6 –2012		✓
Emergency Lifts	BCA Clause E3.4 AS 1735.2 – 2001		✓
Emergency Lighting	BCA Clause E4.4 AS 2293.1 – 2018		✓
Emergency Evacuation Plan	AS 3745		✓
Emergency Warning & Intercommunication System (EWIS)	BCA E4.9 AS1670.4 - 2018		✓
Exit Signs	BCA Clauses E4.5, E4.6 & E4.8 AS 2293.1 – 2018		✓
Fire Control Room	BCA Spec E1.8		✓
Fire Blankets	AS 3504 – 2006 AS2444 – 2001		✓
Fire Dampers	BCA Clause C3.15 AS 1668.1 – 2015 AS 1682.1 & 2 – 2015 Manufacturer's Specification		✓
Fire Doors	BCA Clause C2.12, C2.13, C3.2, C3.4, C3.5, C3.6, C3.7, C3.8 & C3.11; and AS 1905.1 – 2015 and manufacturer's specification		✓
Fire Hose Reels	BCA Clause E1.4 AS 2441 – 2005		✓
Fire Hydrant Systems	Clause E1.3 AS 2419.1 – 2005		✓



Statutory Fire Safety Measure	Design / Installation Standard	Existing	Proposed
Fire Seals	BCA Clause C3.15 AS 1530.4 – 2014 AS 4072.1 – 2005 m Manufacturer Specification		✓
Lightweight Construction	BCA Clause C1.8 AS 1530.4 – 2014 Manufacturer's Specification		✓
Mechanical Air Handling Systems (Automatic Shutdown)	BCA Clause E2.2 AS/NZS 1668.1 – 2015 AS 1668.2 – 2012		✓
Paths of Travel	EP&A Regulation Clause 186		✓
Portable Fire Extinguishers	BCA Clause E1.6 AS 2444 – 2001		✓
Pressurising Systems	BCA Clause E2.2 AS/NZS 1668.1 – 2015		✓
Required Exit Doors (power operated)	BCA Clause D2.19(b)		✓
Smoke Hazard Management Systems – Zone Smoke Control System	BCA Part E2 AS/NZS 1668.1 –2015		✓
Smoke Dampers	AS/NZS 1668.1 – 2015		✓
Smoke Doors	BCA Spec C3.4 & C2.5		✓
Stand-by Power Systems	BCA Clause E1.3, E3.4, E4.2 & E4.5 AS 3000 – 2018		✓
Wall-Wetting Sprinklers	AS 2118.2 – 2010		✓
Warning & Operational Signs	Section 183 of the EP&A Regulation 2000 AS 1905.1 – 2015, BCA Clause D2.23, D3.6 & E3.3		✓



## **SCHEDULE 4**

### INSPECTION REQUIREMENTS

#### **REQUIRED INSPECTIONS**

Please ensure that our office is contacted to undertake the following inspections throughout the construction program:

- + Completion of smoke proof walls prior to the installation of set ceilings / ceiling tiles throughout each level of the building.
- + Completion of fire rated walls prior to the installation of set ceilings / ceiling tiles throughout each level of the building.
- + Completion of fire rated shafts throughout the building.
- + Completion of sealing of service penetrations through fire and smoke walls throughout each level of the building.
- + Installation of concealed essential fire safety measures prior to covering throughout each level of the building.
- + Installation of essential fire safety measures below the ceiling throughout each level of the building.
- + Completion of internal fitout works including sanitary facilities, joinery and furniture throughout each level of the building.
- + Preliminary Final Inspection and onsite testing of all active fire safety systems as part of system commissioning works.
- + After all the building works has been completed.