



BCA CROWN CERTIFICATE

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

CERTIFICATE NO.:	CRO-22126
DATE OF CERTIFICATE:	16 January 2023
SUBJECT LAND:	
Lot & DP	Lot 101 DP 1119583
Address	The Children's Hospital at Westmead Corner of Hawkesbury Road & Hainsworth Street WESTMEAD NSW 2145
LOCAL GOVERNMENT AREA:	Parramatta City Council
APPLICANT:	
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
OWNER:	
Name	Sydney Children Hospital Network
Address	5 Fleet Street NORTH PARRAMATTA NSW 2151
Phone / Email	Phone: (02) 9840 3000
PLANNING APPROVAL:	
SSD No.:	10349252
Date of Determination	15 December 2021
DESCRIPTION OF DEVELOPMENT:	The Children's Hospital at Westmead - Paediatric Services Building comprising: <ul style="list-style-type: none">+ Demolition, earthworks, remediation and tree removal+ Construction and operation of a 14 level Paediatric Services Building+ Extension of the existing medical gas compound+ Weather protection awning and pedestrian connections to the adjacent Central Acute Services Building and Kids Research Building+ Expansion and refurbishment of the pathology building+ Retails pods, landscaping, public domain works and signage zones Stage 2 Crown Certificate – Construction of the main building superstructure associated with the Paediatric Services Building
BCA CLASSIFICATION:	Class 3, 5, 6, 7a & 9a
REFERENCED DOCUMENTATION:	As listed in Schedule 1
STATUTORY CERTIFICATION:	

Pursuant to the provisions of Section 6.28 of the Environmental Planning and Assessment Act 1979, Blckett 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

David Blackett
BDC 0032

Accredited Certifier in NSW
Accreditation No.

Date: 16 January 2023



SCHEDULE 1

SCHEDULE OF DOCUMENTATION

+ Architectural Plans prepared by Billard Leece Partnership Pty Ltd:

DRAWING NUMBER	REV	DATE	DRAWING NUMBER	REV	DATE
CHW-AR-DG-PSB-10-03001	V	01.07.2022	CHW-AR-DG-PSB-10-04001	V	08.07.2022
CHW-AR-DG-PSB-10-05001	T	08.07.2022	CHW-AR-DG-PSB-10-06001	S	15.07.2022
CHW-AR-DG-PSB-10-07001	U	15.07.2022	CHW-AR-DG-PSB-10-08001	V	22.07.2022
CHW-AR-DG-PSB-10-09001	T	22.07.2022	CHW-AR-DG-PSB-10-10001	T	10.06.2022
CHW-AR-DG-PSB-10-11001	T	17.09.2021	CHW-AR-DG-PSB-10-12001	R	17.09.2021
CHW-AR-DG-PSB-10-13001	R	17.09.2021	CHW-AR-DG-PSB-10-14001 (L14)	T	17.09.2021
CHW-AR-DG-PSB-10-14001 (L15)	T	17.09.2021	CHW-AR-DG-PSB-10-16001	B	17.09.2021
CHW-AR-DG-PSB-11-03001	B	27.07.2022	CHW-AR-DG-PSB-11-03002	B	27.02.2022
CHW-AR-DG-PSB-11-04001	B	27.07.2022	CHW-AR-DG-PSB-11-04002	B	27.07.2022
CHW-AR-DG-PSB-11-05001	B	27.07.2022	CHW-AR-DG-PSB-11-05002	B	27.07.2022
CHW-AR-DG-PSB-11-06001	B	27.02.2022	CHW-AR-DG-PSB-11-06002	B	27.07.2022
CHW-AR-DG-PSB-11-07001	B	27.07.2022	CHW-AR-DG-PSB-11-07002	B	22.07.2022
CHW-AR-DG-PSB-11-08001	B	27.07.2022	CHW-AR-DG-PSB-11-08002	B	22.07.2022
CHW-AR-DG-PSB-11-09001	B	22.07.2022	CHW-AR-DG-PSB-11-09002	B	22.07.2022
CHW-AR-DG-PSB-11-10001	A	22.07.2022	CHW-AR-DG-PSB-11-10002	A	27.07.2022
CHW-AR-DG-PSB-11-11001	A	27.07.2022	CHW-AR-DG-PSB-11-11002	A	27.07.2022
CHW-AR-DG-PSB-11-12001	A	27.07.2022	CHW-AR-DG-PSB-11-12002	A	27.07.2022
CHW-AR-DG-PSB-11-13001	A	27.07.2022	CHW-AR-DG-PSB-11-13002	A	27.07.2022
CHW-AR-DG-PSB-11-14001	A	27.07.2022	CHW-AR-DG-PSB-11-14002	A	27.07.2022
CHW-AR-DG-PSB-11-15001	A	27.07.2022	CHW-AR-DG-PSB-11-15002	A	27.07.2022
CHW-AR-DG-PSB-30-SE001	F	15.07.2022	CHW-AR-DG-PSB-30-SE002	F	27.07.2022
CHW-AR-DG-PSB-30-SE003	F	27.07.2022	CHW-AR-DG-PSB-30-SE004	F	15.07.2022
CHW-AR-DG-PSB-40-XX011	H	27.07.2022	CHW-AR-DG-PSB-40-XX012	E	27.07.2022
CHW-AR-DG-PSB-40-XX013	E	27.07.2022	CHW-AR-DG-PSB-40-XX014	E	27.07.2022
CHW-AR-DG-PSB-40-XX021	E	27.07.2022	CHW-AR-DG-PSB-40-XX022	E	27.07.2022
CHW-AR-DG-PSB-40-XX023	E	27.07.2022	CHW-AR-DG-PSB-40-XX024	E	27.07.2022
CHW-AR-DG-PSB-40-XX031	E	27.07.2022	CHW-AR-DG-PSB-40-XX032	E	27.07.2022
CHW-AR-DG-PSB-40-XX033	E	27.07.2022	CHW-AR-DG-PSB-40-XX034	E	27.07.2022
CHW-AR-DG-PSB-40-XX041	H	27.07.2022	CHW-AR-DG-PSB-40-XX042	E	27.07.2022
CHW-AR-DG-PSB-40-XX043	E	27.07.2022	CHW-AR-DG-PSB-40-XX044	E	27.07.2022
CHW-AR-DG-PSB-40-XX051	B	27.07.2022	CHW-AR-DG-PSB-41-01011	D	27.07.2022



CHW-AR-DG-PSB-41-02011	C	27.07.2022	CHW-AR-DG-PSB-41-02012	B	27.07.2022
CHW-AR-DG-PSB-41-02021	B	27.07.2022	CHW-AR-DG-PSB-41-02022	B	27.07.2022

+ 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	23 September 2022
3.	Structural Drawings	Arup Australia Pty Ltd	24 September 2021
4.	Car Park Design Statement	Arup Australia Pty Ltd	29 September 2022
5.	Fire Services Design Statement	Ultrasafe Fire Protection Services	16 August 2022
6.	Lift Design Statement	Stantec Australia Pty Ltd	10 August 2022
7.	Architectural Design Statement	Billard Lee Partnership Pty Ltd	27 July 2022
8.	Statement of Compliance	Roberts Co (NSW) Pty Ltd	18 November 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. Any 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 2 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 Corner of 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	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.