



BLACKETT
MAGUIRE+
GOLDSMITH

BCA CROWN CERTIFICATE

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

CERTIFICATE No.:	CRO - 22052
DATE OF CERTIFICATE:	01 June 2022
SUBJECT LAND:	
Lot & DP	Lot 101 DP 1119583 Lot 1 DP 1194390
Address	Corner Hawkesbury Road & Hainsworth Street WESTMEAD NSW 2145
LOCAL GOVERNMENT AREA:	Parramatta City Council
APPLICANT:	
Name	Hossein Bidgoli
Company	Health Infrastructure
Address	Locked Mail Bag 2030 ST. LEONARDS NSW 1590
Phone/Email	Phone: (02) 9978 5402 Email: hossein.bedgoli@health.nsw.gov.au
OWNER:	
Name	Sydney Children's Hospitals Network
Address	Corner Hawkesbury Road & Hainsworth Street WESTMEAD NSW 2154
Phone / Email	Phone: (02) 9845 0000
PLANNING APPROVAL (WHERE APPLICABLE):	
REF No.:	SSD-10434896
Date of Determination	15 September 2021
DESCRIPTION OF DEVELOPMENT:	Stage 1 works associated with the The Children's Hospital at Westmead Multi-Storey Carpark, comprising: <ul style="list-style-type: none">+ In-ground infrastructure works comprising piling, footings, and onsite stormwater drainage system+ Site remediation and site validation works+ Construction of the multi storey carpark structure (excluding façade and steel roof structure to Level 08)+ Services installation throughout the building
BCA CLASSIFICATION:	Class 7a
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, 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
BDC0032

Date: 01 June 2022

Address Suite 2.01,
22-36 Mountain St
Ultimo NSW 2007

Postal PO Box 167
Broadway NSW 2007
ABN 18 408 985 851

Contact Ph: 02 9211 7777
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SCHEDULE 1

SCHEDULE OF DOCUMENTATION

+ Architectural Plans prepared by C.C.G. Architects Pty Ltd:

DRAWING NUMBER	REV	DATE	DRAWING NUMBER	REV	DATE
CHW2-MSCP-CCG-AR-DRG-0000	A5	20.05.2022	CHW2-MSCP-CCG-AR-DRG-01009	A8	20.05.2022
CHW2-MSCP-CCG-AR-DRG-1001	A10	20.05.2022	CHW2-MSCP-CCG-AR-DRG-10101	A11	20.05.2022
CHW2-MSCP-CCG-AR-DRG10201	A10	20.05.2022	CHW2-MSCP-CCG-AR-DRG-10301	A10	20.05.2022
CHW2-MSCP-CCG-AR-DRG-10401	A10	20.05.2022	CHW2-MSCP-CCG-AR-DRG-10501	A10	20.05.2022
CHW2-MSCP-CCG-AR-DRG-10601	A10	20.05.2022	CHW2-MSCP-CCG-AR-DRG-10701	A10	20.05.2022
CHW2-MSCP-CCG-AR-DRG-10801	A10	20.05.2022	CHW2-MSCP-CCG-AR-DRG-13101	A8	20.05.2022
CHW2-MSCP-CCG-AR-DRG-13201	A6	20.05.2022	CHW2-MSCP-CCG-AR-DRG-14001	A8	20.05.2022
CHW2-MSCP-CCG-AR-DRG-14101	A7	20.05.2022	CHW2-MSCP-CCG-AR-DRG-14102	A5	20.05.2022
CHW2-MSCP-CCG-AR-DRG-14103	A5	20.05.2022	CHW2-MSCP-CCG-AR-DRG-14104	A5	20.05.2022
CHW2-MSCP-CCG-AR-DRG-14105	A5	20.05.2022	CHW2-MSCP-CCG-AR-DRG-14106	A5	20.05.2022
CHW2-MSCP-CCG-AR-DRG-14107	A5	20.05.2022	CHW2-MSCP-CCG-AR-DRG-14108	A5	20.05.2022
CHW2-MSCP-CCG-AR-DRG-30001	A5	20.05.2022	CHW2-MSCP-CCG-AR-DRG-30002	A5	20.05.2022
CHW2-MSCP-CCG-AR-DRG-30003	A5	20.05.2022	CHW2-MSCP-CCG-AR-DRG-40001	A6	20.05.2022
CHW2-MSCP-CCG-AR-DRG-40002	A7	20.05.2022	CHW2-MSCP-CCG-AR-DRG-40003	A6	20.05.2022
CHW2-MSCP-CCG-AR-DRG-40004	A5	20.05.2022	CHW2-MSCP-CCG-AR-DRG-40005	A5	20.05.2022
CHW2-MSCP-CCG-AR-DRG-41001	A4	20.05.2022			

+ Other documents:

ITEM	DOCUMENTATION	PREPARED BY	DATE
1.	Crown Certificate Application Form	Health Infrastructure	01 June 2022
2.	Letter requesting the issue of the Stage 1 Construction Certificate	Kane Constructions Pty Ltd	26 May 2022
3.	Staging Report	Kane Constructions Pty Ltd	16 May 2022
4.	Fire Engineering Report No. Issue 4	Mott MacDonald Australia Pty Limited	22 March 2022
5.	Correspondence confirming that Health Infrastructure has received, reviewed, and accepted the recommendations and requirements of the Fire Engineering Report prepared by Mott McDonald.	PwC	14 April 2022
6.	Fire Services Endorsement Certificate	Sparks + Partners Consulting Engineers	03 May 2022
7.	Structural Engineering Design Statement	Dunnings Consulting Engineers	30 May 2022
8.	Civil Engineering Design Statement	Arup	27 January 2022



9.	Onsite Stormwater Drainage Design Statement	Enscape Studio Pty Ltd	19 May 2022
10.	Stormwater Management Plans	Enscape Studio	16 May 2022
11.	Car Parking Design Statement	Enscape Studio Pty Ltd	11 April 2022
12.	Hydraulic Design Statement	Maconachie and Partners Pty Limited	10 March 2022
13.	Electrical Design Statement	J & R McCue Industries Group	21 April 2022
14.	Architectural Design Statement	C.C.G. Architects Pty Ltd	27 April 2022
15.	Architectural Design Statement – Slip Resistance Ratings	C.C.G. Architects Pty Ltd	07 April 2022
16.	Architectural Statement – Probable Maximum Floor Level	C.C.G. Architects Pty Ltd	07 April 2022
17.	Architectural Technical Specification CC1 Issue	C.C.G. Architects Pty Ltd	10 March 2022
18.	Statement confirming compliance with Development Consent Condition No. A20	Kane Constructions Pty Ltd	29 April 2022
19.	Statement confirming compliance with Development Consent Condition No. B6	Kane Constructions Pty Ltd	29 April 2022
20.	Statement confirming compliance with Development Consent Condition No. C19	Kane Constructions Pty Ltd	29 April 2022
21.	Arboricultural Assessment Report	Tree Management Strategies	20 January 2020
22.	Acoustic Report No. 44311	Stantec Australia Pty Ltd	14 July 2021
23.	ESD Report No. 197087 S02 MSCP	Steensen Varming	08 April 2021
24.	Construction Noise and Vibration Plan No. 20220264.1/1803C/R0/TH	Acoustic Logic	18 March 2022
25.	Construction Traffic & Pedestrian Management Plan No. N175 (Final C)	TTPS Transport Matters	20 April 2022
26.	Construction Waste Management Plan	Kane Constructions Pty Ltd	29 April 2022
27.	Environmental Management Plan	Kane Constructions Pty Ltd	27 April 2022
28.	Flood Design Statement	Enscape Studio Pty Ltd	11 March 2022
29.	Remedial Action Plan No. 56200/131434 (Rev 0)	JBS & G Australia Pty Ltd	16 June 2021
30.	Evidence of submission of Dilapidation Reports to Parramatta Council	Ford Civil Contracting Pty Ltd	28 January 2022
31.	Unexpected Finds Protocol for Aboriginal Heritage Items	Kane Constructions Pty Ltd	26 May 2022
32.	Unexpected Finds Protocol for Non-Aboriginal Heritage Items	Kane Constructions Pty Ltd	26 May 2022
33.	Building Plan Approval No. 1409525	Rose Atkins Rimmer Infrastructure Pty Ltd	13 May 2022
34.	Building Plan Approval Stamped Plans	Planning Industry & Environment	15 September 2021



35.	Long Service Levy Receipt No. L0000044234	Long Service Corporation	21 March 2022
36.	Survey Plans	LTS	26 May 2021

EP&A AMENDMENT (FIRE SAFETY & BUILDING CERTIFICATION) REGULATION 2017

Documentation relied upon as required by the Environment Planning & Assessment Amendment (Building Certification) Regulation 2017:

- + Proposed Performance Solution Reports in respect of a fire safety requirement:

TITLE OF REPORT: Fire Engineering Report
DATE OF REPORT: 22 March 2022
REFERENCE NO. & VERSION: Issue No. 4
NAME OF FIRE SAFETY ENGINEER: Andrew Addinsell
ACCREDITATION NO.: BDC3278

- + Plans and Specifications relating to Relevant Fire Safety Systems:

ITEM	DOCUMENTATION	PREPARED BY	DATE
1.	Drawing Numbers: 4036 CHWZZHL002 – B 4036 CHW01HP-102 - D 4036 CHW02HP-202 – C 4036 CHW03HP-302 – C 4036 CHW04HP-402 – C 4036 CHW05HP-502 – C 4036 CHW06HP-602 – C 4036 CHW07HP-702 – C 4036 CHW08HP-802 – C 4036 CHWZZHD-1001 – B 4036 CHWZZHSC – 2001 – C 4036 CHWZZHSC – 2002 -C	Maconachie and Partners Pty Limited	22 April 2022 22 April 2022 22 April 2022 22 April 2022 22 April 2022 22 April 2022 22 April 2022 22 April 2022 22 April 2022 22 April 2022 22 April 2022 22 April 2022
2.	Hydraulic Services & Wet Fire Protection Services Specification No. 4036 (Issue 2)	Maconachie and Partners Pty Limited	25 May 2022
3.	Design Endorsement Certificate	Sparks + Partners Consulting Engineers	03 May 2022

Pursuant to clause 22 of the Environmental Planning & Assessment (Development Certification & Fire Safety) Regulation 2021, Blackett Maguire + Goldsmith Pty Ltd (RBC00004) is satisfied that the above plans and specifications correctly identifies both the performance requirements and the deemed-to-satisfy provisions of the Building Code of Australia.



SCHEDULE 2

CONDITIONS OF BCA CROWN CERTIFICATE

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

1. This Stage 1 Crown Certificate does not certify compliance with the Conditions of Development Consent No. SSD-10434896 dated 15 September 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 'For Construction Issue' Assessment Report Revision 6 dated 27 April 2022.
4. 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.
5. No approval is given nor implied for the construction of works beyond the scope specifically approved by the Stage 1 Crown Certificate.
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 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

Issued under Clause 168 of the Environmental Planning & Assessment Regulation 2000

ADDRESS:	Corner Hawkesbury Road & Hainsworth Street, Westmead
OWNER	Sydney Children's Hospitals Network
BCA CROWN CERTIFICATE No.:	CRO-22052

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 Clause 168 of the Environmental Planning and Assessment Regulation 2000, is deemed to be the current fire safety schedule for the building.

SCHEDULE

Statutory Fire Safety Measure	Design / Installation Standard	Existing	Proposed
Emergency Lighting	BCA Clause E4.4 AS/NZS 2293.1 - 2018		✓
Emergency Evacuation Plan	AS 3745 - 2002		✓
Exit Signs	BCA Clauses E4.5, E4.6 & E4.8 AS/NZS 2293.1 – 2018		✓
Fire Doors	BCA Clause C2.12, C2.13, C3.5, C3.7, C3.8 AS 1905.1 – 2015		✓
Fire Hose Reels	BCA Clause E1.4 AS 2441 – 2005		✓
Fire Hydrant Systems	Clause E1.3 AS 2419.1 – 2005 Fire Engineering Report No. Issue 4 dated 22 March 2022 prepared by Mott McDonald Australia		✓
Fire Seals	BCA Clause C3.15 AS 1530.4 – 2014 AS 4072.1 – 2005		✓
Paths of Travel	Section 108 of the EP & A (DC & FS) Regulation 2021 Fire Engineering Report No. Issue 4 dated 22 March 2022 prepared by Mott McDonald Australia		✓
Portable Fire Extinguishers	BCA Clause E1.6 & AS 2444 – 2001		✓
Warning & Operational signs	Section 108 of the EP & A (DC & FS) Regulation 2021 BCA Clause D3.6, D2.23, E3.3 AS 1905.1 – 2015		✓



Statutory Fire Safety Measure	Design / Installation Standard	Existing	Proposed
<p>Fire Engineering Report No. Issue 4 dated 22 March 2022 prepared by Mott McDonald Australia</p> <ul style="list-style-type: none">+ The car park will be provided with integrated PV panels on the external façade and the roof.+ Omission of fire rating to the structural steel supporting the roof structure containing the integrated PV panels.+ Extended travel distance to an exit from each storey of the building.+ Extended travel distance between alternative exits from each storey of the building.+ The fire hydrant booster is not located within site of the main entrance of the building.+ Required number of fire hydrants required to flow simultaneously based on the total floor area of the car park.	<p>Fire Engineering Report No. Issue 4 dated 22 March 2022 prepared by Mott McDonald Australia</p>		✓