



## BCA CROWN CERTIFICATE

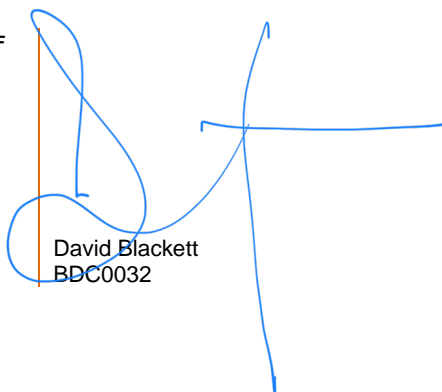
*Pursuant to Section 6.28 of the Environmental Planning & Assessment Act 1979*

<b>CERTIFICATE No.:</b>	CRO-21018
<b>DATE OF CERTIFICATE:</b>	08 March 2021
<b>SUBJECT LAND:</b>	
Lot & DP	Lot 1 DP 1114090
Address	35-65 Derby Street KINGSWOOD NSW 2747
<b>LOCAL GOVERNMENT AREA:</b>	Penrith City Council
<b>APPLICANT:</b>	
Name	Adrian Timp
Company	Health Infrastructure
Address	Level 14, 77 Pacific Highway NORTH SYDNEY NSW 2060
Phone/Email	Mobile: 0459 867 006
Email	Email: <a href="mailto:adrian.timp@health.nsw.gov.au">adrian.timp@health.nsw.gov.au</a>
<b>OWNER:</b>	
Name	Nepean Blue Mountains Local Health District
Address	Derby Street KINGSWOOD NSW 2747
Phone / Fax	Phone: (02) 4732 2441 Fax: (02) 4734 3737
<b>PLANNING APPROVAL (WHERE APPLICABLE):</b>	
Development Consent No.:	SSD 8766, SSD 8766 MOD 1, SSD MOD 2 & SSD 8766 MOD 3
Date of Determination	25 February 2019, 25 June 2019, 10 October 2019 & 14 August 2019
<b>DESCRIPTION OF DEVELOPMENT:</b>	Stage 5 Crown Certificate comprising required works to utilities and services of Authority Infrastructure along with the construction of the Public Domain Works.  <i>Note 1: This Stage 5 Crown Certificate excludes any external ancillary services, structures or civil works required by relevant authorities.</i>
<b>REFERENCED DOCUMENTATION:</b>	As listed in Schedule 1
<b>STATUTORY CERTIFICATION:</b>	<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 2016, subject to the attached Conditions.</i>
<b>CONDITIONS:</b>	As listed in Schedule 2



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

SIGNATURE



David Blackett  
BDC0032

Date: 08/03/2021

Accredited Certifier in NSW  
Accreditation No.



## SCHEDULE 1

### SCHEDULE OF DOCUMENTATION

+ Architectural Drawings prepared by BVN Architecture:

DRAWING NUMBER	REV	DATE	DRAWING NUMBER	REV	DATE
NHR-BVN-DRW-ARC-TB1-01A-NL00003	G	20.05.2020	NHR-BVN-DRW-ARC-TB1-01A-NL00005	B	20.05.2020

Other documents relied upon:

ITEM	DOCUMENTATION	PREPARED BY	DATE
1.	Letter requesting the issue of the Stage 5 Crown Certificate	CPB Contractors Pty Limited	02 March 2021
2.	Fire Services Design Statement	Fire Services Pty Ltd Emerge	08 May 2020
3.	Hydraulic Design Statement	AXIS Consulting Services	14 May 2020
4.	Civil Design Statement	Bonacci Group (NSW) Pty Ltd	19 May 2020
5.	Electrical Design Statement	Star Electrical Co. Pty Ltd	08 September 2020
6.	Mechanical Design Statement	Fredon Air (NSW)	08 May 2020
7.	Mechanical Gas Design Statement	Hoslab Projects Pty Ltd	24 April 2020
8.	S138 Roads Act Approval No. EA20/0049	Penrith City Council	02 March 2021
9.	S138 Approved Civil Drawings	Penrith City Council	02 March 2021
10.	Letter of Offer – Consolidated Gas Meter and Connection Stage 1	Jemena Gas Networks (NSW) Ltd	24 August 2020
11.	Notice of Requirements Case Number 168855v2	Sydney Water Corporation	25 October 2018
12.	Independent Environmental Audit Report No. AQ1245.01 (Rev 2)	Aquas	09 September 2019
13.	Independent Environmental Audit Report No. AQ1245.02 (Rev 2)	Aquas	17 December 2019
14.	Long Service Levy Receipt No. 00410556	Long Service Corporation	13 January 2020



## SCHEDULE 2

### CONDITIONS OF BCA CROWN CERTIFICATE

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

1. This Stage 4 Crown Certificate does not certify compliance with the Conditions of the Development Consent No. SSD 8766 dated 25 February 2019. 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 Stage 3 Crown Certificate.
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

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

**ADDRESS:** 35-65 Derby Street, Kingswood  
**OWNER** Nepean Blue Mountains Local Health District  
**BCA CROWN CERTIFICATE No.:** CRO-21018

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
Access Panels, Doors & Hoppers	BCA Clause C3.13 AS 1530.4 - 2014		✓
Alarm Signalling Equipment	AS1670.3 – 2004		✓
Automatic Fail Safe Devices	BCA Clause D2.21 Fire Engineering Report No. 268082-00 dated 17 January 2020 prepared by Arup		✓
Automatic Fire Detection & Alarm System	BCA Spec. E2.2a AS 1670.1 – 2015 Fire Engineering Report No. 268082-00 dated 17 January 2020 prepared by Arup		✓
Automatic Fire Suppression System (Combined Fire Sprinkler & Fire Hydrant System)	BCA Spec. E1.5 AS2118.1 – 2017 AS 2118.6 – 2012 Fire Engineering Report No. 268082-00 dated 17 January 2020 prepared by Arup		✓
Emergency Lighting	BCA Clause E4.4 AS 2293.1 - 2005		✓
Emergency Lifts	BCA Clause E3.4 AS 1735.2 - 2001		✓
Emergency Evacuation Plan	AS 3745 – 2002 Fire Engineering Report No. 268082-00 dated 17 January 2020 prepared by Arup		✓
Exit Signs	BCA Clauses E4.5, E4.6 & E4.8 AS 2293.1 – 2005		✓
Fire Control Room	BCA Clause E1.8		✓



Statutory Fire Safety Measure	Design / Installation Standard	Existing	Proposed
	Fire Engineering Report No. 268082-00 dated 17 January 2020 prepared by Arup		
Fire Dampers	BCA Clause C3.15 AS/NZS 1668.1 - 2015 AS 1682.1 & 2 – 2015		✓
Fire Doors	BCA Clause C2.12, C2.13, C3.5, C3.7, C3.8, C3.10 AS 1905.1 – 2015		✓
Fire Hose Reels	BCA Clause E1.4 AS 2441 – 2005 Fire Engineering Report No. 268082-00 dated 17 January 2020 prepared by Arup		✓
Fire Hydrant Systems (Combined Fire Sprinkler & Fire Hydrant System)	BCA Clause E1.3 AS 2419.1 – 2005 AS 2118.6 – 2012 Fire Engineering Report No. 268082-00 dated 17 January 2020 prepared by Arup		✓
Fire Seals	BCA Clause C3.15 AS 1530.4 – 2014 AS 4072.1 – 2005 Fire Engineering Report No. 268082-00 dated 17 January 2020 prepared by Arup		✓
Fire Rated External Walls located in the External Wall separating Fire Compartments	Fire Engineering Report No. 268082-00 dated 17 January 2020 prepared by Arup		✓
Fire Walls	BCA Spec. C1.1 Fire Engineering Report No. 268082-00 dated 17 January 2020 prepared by Arup		✓
Lightweight Construction	BCA Clause C1.8 AS 1530.4 – 2014		✓
Manual Call Points	BCA Section E		✓
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 Fire Engineering Report No. 268082-00 dated 17 January 2020 prepared by Arup		✓



Statutory Fire Safety Measure	Design / Installation Standard	Existing	Proposed
Portable Fire Extinguishers	BCA Clause E1.6 AS 2444 – 2001 Fire Engineering Report No. 268082-00 dated 17 January 2020 prepared by Arup		✓
Pressurisation Systems (Fire Isolated Stairways and associated Passageways)	BCA Clause E2.2 AS/NZS 1668.1 - 2015 AS 1668.2 – 2012 Fire Engineering Report No. 268082-00 dated 17 January 2020 prepared by Arup		✓
Required Exit Doors (power operated)	BCA Clause D2.19(d)		✓
Smoke Dampers	AS/NZS 1668.1 - 2015 AS 1682.1 & 2 – 2015 Fire Engineering Report No. 268082-00 dated 17 January 2020 prepared by Arup		✓
Smoke Doors	BCA Spec. C3.4 & C2.5 Fire Engineering Report No. 268082-00 dated 17 January 2020 prepared by Arup		✓
Smoke Seal at Slab Edge	Fire Engineering Report No. 268082-00 dated 17 January 2020 prepared by Arup		✓
Smoke Walls	BCA Spec. C2.5 Fire Engineering Report No. 268082-00 dated 17 January 2020 prepared by Arup		✓
Smoke Hazard Management System – Zone Smoke Control System	BCA Clause E2.2 AS/NZS 1668.1 - 2015 AS 1668.2 – 2012 Fire Engineering Report No. 268082-00 dated 17 January 2020 prepared by Arup		✓
Sound System & Intercom System for Emergency Purposes	BCA Clause E4.9 AS 1670.4 – 2015 Fire Engineering Report No. 268082-00 dated 17 January 2020 prepared by Arup		✓
Warning & Operational signs	Section 183 of the EP & A Regulations 2000 AS 1905.1 – 2015 BCA Clause D2.23. BCA Clause E3.3 Fire Engineering Report No. 268082-00 dated 17 January 2020 prepared by Arup		✓
Fire Engineering Report No. 268082-00 dated 17 January 2020 prepared by Arup + To allow the concrete floor slab not extending to the curtain wall.	Fire Engineering Report No. 268082-00 dated 17 January 2020 prepared by Arup		✓



Statutory Fire Safety Measure	Design / Installation Standard	Existing	Proposed
<ul style="list-style-type: none"> <li>+ To allow enlarged smoke compartments of up to 650m<sup>2</sup> for ward areas and up to 1300m<sup>2</sup> for treatment areas.</li> <li>+ To permit the omission of smoke dampers to the supply air duct connecting to isolation rooms.</li> <li>+ To allow timber noggings or plywood, of which are combustibles to be located within a smoke proof wall.</li> <li>+ To allow the openings between the external walls forming a 90o angle of different compartments to be protected for a distance of 3.7m between fire compartments via a two way fire protection with an FRL of 60/60/60 on one of the external walls.</li> <li>+ To allow the link bridge façade to be unprotected at the connection to the North Block and the new building at Level 1 and Level 2.</li> <li>+ To allow the link bridge external wall at the connection to the East Block protected from sides for an FRL of 60/60/60 for a length of 2.1m from the fire door.</li> <li>+ To permit identified doors between fire/smoke compartments to be not double swing and swing against the direction of egress.</li> <li>+ To allow the overnight room on Level 1 in association with the Birthing Unit and at Level 6 associated with the Neonatal Services and are not fire separated from the remainder of the building.</li> <li>+ To allow extended travel distance to a point of choice of up to 18m from patient care areas.</li> <li>+ To allow extended travel distance of up to 40m from patient care areas.</li> <li>+ To allow travel distance between exits up to 57m from patient care areas.</li> <li>+ To allow extended travel distance to a point of choice up to 27.5m from staff only areas within patient care areas.</li> <li>+ To allow extended travel distance to a point of choice up to 30m from non-patient care areas.</li> <li>+ To allow extended travel distance to an exit of up to 49m form non patient care areas.</li> <li>+ To allow horizontal exits into fire compartments not provided with a fir isolated stairway.</li> <li>+ To allow the use of sliding doors in a path of egress from specific rooms.</li> <li>+ To allow the omission of fire hose reel coverage to individual rooms that are completely fire separated from the remainder of the building.</li> </ul>			





Statutory Fire Safety Measure	Design / Installation Standard	Existing	Proposed
<ul style="list-style-type: none"> <li>+ To permit the fire hydrant and fire sprinkler booster to be located away from site of the main entrance of the building.</li> <li>+ To permit the sprinkler system not to be zoned in line with the zone smoke control system.</li> <li>+ To allow sprinkler coverage shortfalls to doorways affected by medical screens. Sprinklers within the affected rooms do not have the required 500mm clearance as per AS 2118.1-2017 to go over the screens, currently they have a minimum clearance below the sprinkler of 100mm.</li> <li>+ To allow the wet type sprinkler system to the lift shaft in lieu of a DtS dry type system.</li> <li>+ To allow the smoke detection system to be spaced 15m interval in lieu of the DtS 10m spacing within the ceiling void.</li> <li>+ To allow the omission of fire alarm speakers from individual patient rooms in ward areas.</li> <li>+ To permit egress via the non-fire isolated stairways serving the Level 14 helipad.</li> <li>+ To permit the discharge of Fire Stairs 2 &amp; 3 within Level 1 of the building.</li> <li>+ To allow metal pipes filled with medical gas or water passing through a fire wall with an FRL of 120/120/120 to be located less than 100mm from a combustible building element or material.</li> <li>+ To allow a reduced FRL of 60/60/60 in lieu of 120/120/120 for the pedestrian link bridges connecting the proposed building to adjoining buildings.</li> <li>+ To allow anti-ligature door hardware to the doors that form part of a required exit within Mental Health.</li> <li>+ To allow one of the fire hydrants serving the helipad to be located on the mid landing of the non-fire isolated stairway.</li> <li>+ To allow the sprinkler alarm valves in the southern fire isolated stairways to not be accessed directly from open space.</li> <li>+ To allow the pressure differential of less than 20Pa between horizontal fire compartments.</li> <li>+ To allow the omission of the zone smoke control system to the link bridges.</li> <li>+ To allow the omission of stair pressurisation from the stair flights serving Level 0 within Fire Stairs 2 &amp; 3.</li> <li>+ Omission of sprinkler coverage from LV / Comms Rooms.</li> <li>+ Location of the Fire Control Room remote from the building.</li> <li>+ To allow the Fire Control Room to be accessed by one (1) entrance doorway only.</li> </ul>			



BLACKETT  
MAGUIRE+  
GOLDSMITH

08 March 2021

The General Manager  
Penrith City Council  
P O Box 60  
PENRITH NSW 2751

Dear Sir / Madam,

**REFERENCE: DA NO. SSD 8766 (AS MODIFIED)  
NEPEAN HOSPITAL REDEVELOPMENT  
35-65 DERBY STREET, KINGSWOOD NSW 2747  
CROWN CERTIFICATION – STAGE 5**

Provided undercover for Council's information is a copy of the Stage 5 Crown Certificate No. CRO-21018. This letter is notice that the following application for a Stage 5 Crown Certificate has now been approved for the proposed works comprising required works to utilities and services of Authority Infrastructure along with the construction of the Public Domain Works.

Applicant: Health Infrastructure  
Subject Address: 35-65 Derby Street, Kingswood  
Date Received: 02 March 2021  
Date Determined: 08 March 2021

We have also enclosed a copy of the following for Councils record:

- + Letter requesting the issue of the Stage 5 Crown Certificate
- + Fire Safety Schedule; and
- + Referenced documentation as indicated on the Stage 5 Crown Certificate.

We note that as this submission is for Council's information only no payment has been provided.

If we have provided the approved documentation to you electronically on a USB storage device, we would like to advise you that this device is for transmittal purposes only and is not designed for long term storage, please transfer all documentation to a purpose designed form of storage media.

Please contact the undersigned should you have any further enquiries on 02 9211 7777.

Yours sincerely,

Adam Durnford  
**Associate Director**  
**Blackett Maguire + Goldsmith Pty Ltd**

**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  
Fax: 02 9211 7774  
Email: admin@bmlplusg.com.au



BLACKETT  
MAGUIRE+  
GOLDSMITH

08 March 2021

The Director- General  
The Department of Planning & Environment  
GPO Box 39  
SYDNEY NSW 2001

Dear Sir / Madam,

**REFERENCE: DA NO. SSD8766 (AS MODIFIED)  
NEPEAN HOSPITAL REDEVELOPMENT  
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**Associate Director**  
**Blackett Maguire + Goldsmith Pty Ltd**

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