



BCA CROWN CERTIFICATE

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

CERTIFICATE No.:	CRO-18045
DATE OF CERTIFICATE:	12 July 2018
SUBJECT LAND:	
Lot & DP	Lot 2 DP 14774 Lot 188 DP752053 Lot 13 DP 14774 Lot B DP 363790 Lot B DP 329121 Lot 1 DP 232290 Lot 2 DP 512434 Lot 2 DP 580023 Lot 1 DP 134994 Lot 12 DP 14774 Lot 3 DP 14774 Lot A DP 329121 Lot 1 DP 512432 Lot 23 DP 814181 Lot 1 DP 580023 Lot 189 DP 752053 Lot 2 DP 217174 Lot 3 DP 580023
Address	Palmerston Road Hornsby NSW 2077
LOCAL GOVERNMENT AREA:	Hornsby Shire Council
APPLICANT:	
Name	Lizzie Cox
Company	Watpac Constructions Pty Ltd
Address	PO Box Q1264 Queen Victoria Building NSW 1230
Phone/Email	Phone: 02 8741 7400 Fax: 02 8741 7401 Mobile: 0406 914 421
Email	lcx@watpac.com.au
OWNER:	
Name	Northern Sydney Local Health District
Address	Reserve Road St Leonards NSW 2065
Phone / Fax	Phone: 02 9485 6294 Mobile: 0422 002 496
PLANNING APPROVAL (WHERE APPLICABLE):	
DA No.:	SSD 8647 Dated 30 May 2018
REF	037/2017 Dated 12 December 2017
DESCRIPTION OF DEVELOPMENT:	Construction of a seven-storey health care building including part basement level and rooftop plant level. Consisting of a new entry, new Intensive Care Unit, four new inpatient units, new and refurbished ambulatory care, extended Emergency Department and associated works.
PART:	Early works including; piling, footings, in-ground services, Level 0 (sub-ground) and Level 1 slabs.
BCA CLASSIFICATION:	Class 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, 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.

CONDITIONS:

As listed in Schedule 2

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

SIGNATURE

Accredited Certifier in NSW
Accreditation No.



Brian Maguire
BPB 0241

Date:12/07/2018

SCHEDULE 1

SCHEDULE OF DOCUMENTATION

- + Architectural Plans prepared by Silver Thomas Hanley Pty Ltd:

DRAWING NUMBER	REV	DATE	DRAWING NUMBER	REV	DATE
ARC-DNG-10-001	6	22 JUNE 2018	ARC-DNG-12-102	5	22 JUNE 2018
ARC-DNG-21-001	3	27 JUNE 2018	ARC-DNG-21-101	3	27 JUNE 2018
ARC-DNG-21-102	3	27 JUNE 2018	ARC-DNG-21-103	3	27 JUNE 2018

- + Other documents:

ITEM	DOCUMENTATION	PREPARED BY	DATE
1.	Application Form	Watpac Construction Pty Ltd	11 July 2018
2.	Long Service Levy Payment Receipt No. 00340039	Long Service Corporation	2 July 2018
3.	Architectural Design Statement	Silver Thomas Hanley (AUS) Pty Ltd	28 June 2018
4.	Certificate of Design – Structural Works Up to Level 1	Taylor Thomson Whitting (NSW) Pty Ltd	28 June 2018
5.	Civil Stormwater Certificate	Taylor Thomson Whitting (NSW) Pty Ltd	28 June 2018
6.	Construction Environmental Management Plan	Watpac	25 June 2018
7.	Construction Noise and Vibration Management Plan. Revision 0	Acoustic Logic Consultancy Pty Ltd	24 June 2018
8.	Waste Management Plan	Watpac	27 June 2018
9.	Staging Plan – Access & Egress	APP	- July 2018
10.	Erosion and Sediment Control Plans	Taylor Thomson Whitting (NSW) Pty Ltd	28 June 2018
11.	Dilapidation Report. Version A	Cardno (NSW/ACT) Pty Ltd	28 June 2018
12.	Compliance Report – Project Submissions Matrix	Watpac	29 June 2018
13.	Certificate of Design – Hydraulic	Insync Services	21 June 2018
14.	Dilapidation Report Scope	Taylor Thomson Whitting (NSW) Pty Ltd	11 July 2018

SCHEDULE 2

CONDITIONS OF BCA CROWN CERTIFICATE

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

1. The importance level for the subject development is to be nominated in accordance with BCA Part B1.2.
Note: the Structural Engineering drawing number DNG-00-901 Rev A makes reference to Importance Level 4.
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. Demolition works are to be undertaken in accordance with the documentation listed in Schedule 1 & AS 2601-2001.
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. 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 Blakett Maguire + Goldsmith for review.
6. Blakett 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.

Advisory Notes

1. The head contractor is to obtain any relevant Building Plan Approvals required by Sydney Water.
Details for obtaining this approval can be found at Sydney Water TapIn™ website:
<http://www.sydneywater.com.au/tapin/index.htm>

SCHEDULE 3

FIRE SAFETY SCHEDULE

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

ADDRESS:	Palmerston Road, Hornsby
OWNER	Northern Sydney Local Health District
BCA CROWN CERTIFICATE No.:	CRO-18045

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	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	✓
Automatic Fire Detection & Alarm System	BCA Spec. E2.2a & AS 1670.1 - 2015	✓
Automatic Fire Suppression Systems	BCA Spec. E1.5 & AS 2118.1-1999	✓
Emergency Lifts	BCA Clause E3.4 & AS 1735.2 - 2001	✓
Emergency Lighting	BCA Clause E4.4 & AS 2293.1 - 2005	✓
Sound System and Intercom System for Emergency Purposes (EWIS)	BCA Clause E4.9 & AS 1670.4 – 2015 & AS 4428.4 - 2015	✓
Emergency Evacuation Plan	AS 3745 - 2010	✓
Exit Signs	BCA Clauses E4.5, E4.6 & E4.8 and AS 2293.1 – 2005	✓
Fire Blankets	AS 3504 – 2006 & AS 2444 - 2001	✓
Fire Dampers	BCA Clause C3.15, AS 1668.1 - 2015 & AS 1682.1 & 2 – 1990	✓
Fire Doors	BCA Clause C2.12, C2.13, C3.2, C3.4, C3.5, C3.7, C3.8, D1.11 and 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 Seals	BCA Clause C3.15 & AS 1530.4 – 2014 & AS 4072.1 – 2005	✓
Lightweight Construction	BCA Clause C1.8 & AS 1530.3 – 1999	✓
Mechanical Air Handling Systems (including 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	✓
Pressurisation of Fire Isolated Exits	BCA Clause E2.2a and AS1668.1-2015	✓
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 and AS 3000 – 2000	✓
Wall wetting sprinklers (protection of window openings in external walls)	BCA Clause C3.4	✓
Warning & Operational signs	Section 183 of the EP & A Regulations 2000, AS 1905.1 - 2005, BCA Clause C3.6, D2.23, E3.3	✓
Part G3.8 Provisions including smoke exhaust	BCA Part G3.8 and BCA Specification G3.8	✓

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/fire rated walls prior to installation of ceiling.
- + Installation of concealed essential fire safety measures prior to covering.
- + Changes to the temporary evacuation strategy for the building
- + Preliminary Final Inspection and onsite testing of all active fire safety systems. Prior to completion of building works.
- + After the building works has been completed