



BCA CROWN CERTIFICATE

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

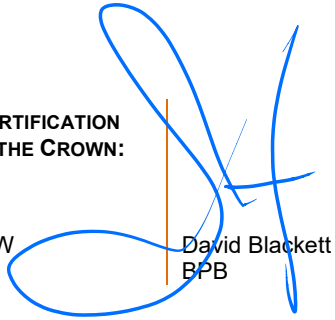
CERTIFICATE No.:	CRO-20035
DATE OF CERTIFICATE:	1 April 2020
SUBJECT LAND: Lot & DP	Lot 205 DP 1206854 Lot 14 DP 261222 Lot 1012 DP 1017580
Address	Coffs Harbour Hospital 345 Pacific Highway COFFS HARBOUR NSW 2450
LOCAL GOVERNMENT AREA:	Coffs Harbour City Council
APPLICANT: Name	John Benjamin Leach
Company	CPB Contractors
Address	Level 2, 177 Pacific Highway North Sydney NSW 2060
Phone/Email	Phone: 0409 872 916 Email: ben.leach@cpbcon.com.au
OWNER: Name	NSW Health Infrastructure
Address	Level 14, 77 Pacific Highway North Sydney NSW 2060
Phone / Email	Phone: 0407 764 588 Email: sherrie.cowie@health.nsw.gov.au
PLANNING APPROVAL (WHERE APPLICABLE): DA / REF No. & Date of Determination:	SSD 8981 dated 28 February 2019 & SSD 8981 MOD 2 dated 1 December 2019.
DESCRIPTION OF DEVELOPMENT:	Stage 2 Crown Certificate – Structural and services rough in works associated with the new five storey clinical building <u>only</u> and to the exclusion of the link bridge and café works associated with the Expansions of the Coffs Harbour Hospital including; <ul style="list-style-type: none">• Construction of a new five storey clinical services building with a total gross floor area of 15,238m² and refurbishment works to the existing Coffs Harbour Hospital main building A• Construction of a new ambulance bay• Landscaping and public domain works• Installation of business identification and wayfinding signage• Construction of a new bus stop• Ancillary infrastructure and services works.
BCA CLASSIFICATION:	Class 9a
REFERENCED DOCUMENTATION:	As listed in Schedule 1
STATUTORY CERTIFICATION:	
	<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>
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
BPB

Date: 1 April 2020



SCHEDULE 1

SCHEDULE OF DOCUMENTATION

+ Approved Plans by McConnel Smith & Johnson Architects:

DRAWING NUMBER	REV	DATE	DRAWING NUMBER	REV	DATE
CHH-MSJ-DRW-AR-CSB-06GF001	12	25.03.2020	CHH-MSJ-DRW-AR-CSB-06GF002	17	25.03.2020
CHH-MSJ-DRW-AR-CSB-0601001	15	25.03.2020	CHH-MSJ-DRW-AR-CSB-0601002	11	25.03.2020
CHH-MSJ-DRW-AR-CSB-0602001	12	25.03.2020	CHH-MSJ-DRW-AR-CSB-0602002	15	25.03.2020
CHH-MSJ-DRW-AR-CSB-0603001	11	25.03.2020	CHH-MSJ-DRW-AR-CSB-0603002	12	25.03.2020
CHH-MSJ-DRW-AR-CSB-0604001	09	25.03.2020	CHH-MSJ-DRW-AR-CSB-0604002	09	25.03.2020
CHH-MSJ-DRW-AR-CSB-0605001	07	25.03.2020			

+ Other documents:

ITEM	DOCUMENTATION	PREPARED BY	DATE
1.	Application Form	CPB Contractors	20 March 2020
2.	Confirmation that primary building elements are not timber	CPB Contractors	20 March 2020
3.	Structural Design Certificate	Taylor Thomson Whitting (NSW) Architects	14 February 2020
4.	Structural Drawings	Taylor Thomson Whitting (NSW) & McConnel Smith & Johnson Architects	2019
5.	Hydraulic Services Design Intent Certification	Aspen Hydraulics	22 May 2019
6.	Civil Design Certificate	Taylor Thomson Whitting (NSW)	19 July 2020
7.	Automatic Fire Sprinkler System Design Certificate	Precision Fire Protection Services	19 July 2019
8.	Hydraulic Services Plans	Aspen Hydraulics & McConnel Smith & Johnson Architects	18 February 2020
9.	Flood Emergency Response Plan	Mid North Coast Local Health District	June 2019
10.	Community Communication Strategy	Health Infrastructure	April 2019
11.	Construction Environmental Plan	CPB Contractors	13 December 2019
12.	Architectural Design Statement	McConnel Smith & Johnson Architects	15 April 2019
13.	Section J Certificate	Stowe Australia	18 February 2020
14.	Noise Management Contractor Statement	CPB Contractors	19 March 2020
15.	Construction Noise & Vibration Plan Compliance Statement	CPB Contractors	14 June 2019
16.	Glare Response Letter	McConnel Smith & Johnson	28 January 2020
17.	Civil Design Response	Taylor Thomson Whitting (NSW)	18 September 2019



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 SSDA 8981 (as modified). 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 CD BCA Assessment Report Revision 0 dated 22 August 2019.
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 2 Crown Certificate. A subsequent Crown Certificate will need to be obtained prior to the commencement of works outside of the Stage 2 Crown Certificate scope.
7. Details demonstrating compliance with the requirements of C1.9/C1.14 of the BCA and B19 & B20 of SSDA 8981 (as modified) will need to be provided prior to the commencement of construction of works associated with the external façade external wall works.
8. 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.
9. 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.
10. 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.
11. 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.
12. All building works associated with the subject development are to be carried out in accordance with the requirements of the iAccess Consultants Access Report dated 18 December 2018 (ref: IAC-850). Additional information, amended design documentation and any required Performance Solutions addressing items in the aforementioned Accessibility Report are to be provided prior to the issuing of the Crown Certificate relating to the relevant works.
13. Copies of the relevant approval from services provided and/or Council is to be obtained prior to the commencement of the relevant works associated with the utilities on the site. Copies of the approvals, evidence that satisfactory arrangement are to be sent to BM+G.

Advisory Notes

1. Where the cost of works exceeds \$25,000, the Head Contractor is to ensure that they have addressed their obligations under the Building and Construction Industry Long Service Payment Act 1986.



SCHEDULE 3

FIRE SAFETY SCHEDULE

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

ADDRESS:	Coffs Harbour Hospital 345 Pacific Highway COFFS HARBOUR NSW 2450
OWNER	NSW Health Infrastructure
BCA CROWN CERTIFICATE NO.:	CRO-20035

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 – 2005 and Manufacturer's specifications	✓	✓
Alarm Signalling Equipment	AS 1670.3 – 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 (Sprinklers)	BCA Spec. E1.5 & AS 2118.1 – 1999 or AS 2118.6 – 2012	✓	✓
Building Occupant Warning System activated by the Sprinkler System	BCA Spec. E1.5, Clause 8 and / or Clause 3.22 of AS 1670.1 – 2015	✓	✓
Emergency Lifts	BCA Clause E3.4 & AS 1735.2 – 2001	✓	✓
Emergency Lighting	BCA Clause E4.4 & AS 2293.1 – 2005	✓	✓
Emergency Evacuation Plan	AS 3745	✓	✓
Exit Signs	BCA Clauses E4.5, E4.6 & E4.8; and AS 2293.1 – 2005	✓	✓
Exit Signs (non-illuminated)	BCA Clause E4.7	✓	✓
Exit Signs (photo luminescent)	BCA Clause E4.8; BCA Specification E4.8 and manufacturer's specification	✓	✓
Fire Control Centres and Rooms	BCA Spec E1.8	✓	✓
Fire Blankets	AS 3504 – 1995 & AS2444 – 2001	✓	✓
Fire Dampers	BCA Clause C3.15, AS 1668.1 – 2015 & AS 1682.1 & 2 – 1990 and 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 – 2005 and manufacturer's specification	✓	✓
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 & AS 4072.1 – 2005 and manufacturer's specification	✓	✓
Fire Shutters	BCA Spec C3.4 & AS 1905.2 – 2005	✓	✓
Fire Windows	BCA Spec C3.4	✓	✓
Lightweight Construction	BCA Clause C1.8 & AS 1530.4 – 2014 and 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	✓	✓
Perimeter Vehicular Access	BCA Clause C2.4	✓	✓



Statutory Fire Safety Measure	Design / Installation Standard	Existing	Proposed
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)	✓	✓
Residential Automatic Sprinkler System	AS 2118.4 – 1995	✓	✓
Safety Curtains in Proscenium Openings	BCA NSW Clause H101.10 or H101.10.1 as applicable	✓	✓
Self-Closing Fire Hoppers	BCA Clause C3.13 & AS 1530.4 – 2005	✓	✓
Smoke Alarms	BCA Spec E2.2a and AS3786	✓	✓
Smoke and Heat Vents	BCA Spec E2.2c & AS 2665 – 2001	✓	✓
Smoke Hazard Management Systems	BCA Part E2 & AS/NZS 1668.1 – 2015	✓	✓
Smoke and/or Heat Detectors (auto shutdown or smoke exhaust)	Clause 5(b) of BCA Spec E2.2a and AS 1668.1 - 2015	✓	✓
Smoke Dampers	AS/NZS 1668.1 – 2015	✓	✓
Smoke Doors	BCA Spec C3.4 & C2.5	✓	✓
Solid Core Doors	BCA Clause C3.11	✓	✓
Sound System & Intercom Systems for Emergency Purposes (SSISEP)	BCA E4.9, Clause 5 of BCA Spec G3.8 and AS1670.4-2004	✓	✓
Stand-by Power Systems	BCA Clause E1.3, E3.4, E4.2 & E4.5; and AS 3000 – 1991	✓	✓
Wall-Wetting Sprinklers	BCA Clause C3.4 & AS 2118.2 – 1995	✓	✓
Warning & Operational Signs	Section 183 of the EP&A Regulation 2000, AS 1905.1 – 2005, BCA Clause C3.6, D2.23, D3.6, E3.3 & H101.8	✓	✓

Note: The above schedule will be revised to incorporate any proposed fire safety engineering reports as part of future Crown Certificates.



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 installation of ceiling.
- + Completion of fire rated walls prior to installation of ceiling.
- + Installation of concealed essential fire safety measures prior to covering.
- + 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.