



BCA COMPLETION CERTIFICATE (INTERIM)

CERTIFICATE No.:

BCAC-21094

SUBJECT LAND:

Lot & DP

Lot 205 DP 1206854, Lot 14 DP 261222

Address

Coffs Harbour Hospital
345 Pacific Highway
COFFS HARBOUR NSW 2450

APPLICANT:

Name

Company

Address

Peter Ashcroft
CPB Contractors Pty Ltd
Level 2, 177 Pacific Highway
North Sydney NSW 2060

Phone/Email

Phone: 0420 230 995 Email: Peter.ashcroft@cpbcon.com.au

OWNER:

Name

Address

NSW Health Infrastructure
Level 14, 77 Pacific Highway
North Sydney NSW 2060

Phone

Phone: 0407 764 588

DESCRIPTION OF DEVELOPMENT:

Expansions of the Coffs Harbour Hospital including;

- Construction of a new five storey clinical services building with a total gross floor area of 15,238m² and remainder of the 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.

WHOLE / PART:

Description of part:

Part

Staff use of the Clinical Services Building and associated external areas only and to the exclusion of:-

- Public and patient use of new clinical building,
- Completion of the ground floor western link,
- External landscaping works to the internal courtyards shaded in red below, undertaken by others



- All refurbishment works within existing Coffs Harbour Hospital undertaken by others.

BCA CLASSIFICATION:

Class 9a

**PLANNING APPROVAL:**

SSD No. & Date of Determination.:

SSD 8991 28.02.2019 as modified by SSD 8981 Mod 1 dated 25.08.2019 and SSD 8981 Mod 2 dated 1.12.2019, MOD 3 dated 28.07.2020 & MOD 4 dated 24.09.2020.

CROWN CERTIFICATION:

S.109R Crown Certificate & Date of Determination

CRO-18161 dated 30 October 2019, CRO-20035 dated 1 April 2020, CRO-20046 dated 04 June 2020, CRO-20066 dated 13 November 2020 & CRO-20069 dated 28 January 2021.

STATEMENT:

Blackett Maguire + Goldsmith Pty Ltd (ABC4) certify that the building works as detailed above is suitable for occupation or use in accordance with its classification under the Building Code of Australia, and:

- + *Certification has been issued under the provisions of S6.28 of the EP&A Act, 1979 and BCA 2019 with respect to the building works.*
- + *Verification for completion of the works is reliant on the documentation detailed in Schedule 1.*

DOCUMENTATION RELIED UPON:

As listed in Schedule 1

EXCLUSIONS (WHERE RELEVANT):

As listed in Schedule 2

DETAILS OF ACCREDITED CERTIFIER:

SIGNATURE

Name

Accreditation No.

David Blakett
BDC 0032

Date: 10 September 2021



SCHEDULE 1

SCHEDULE OF DOCUMENTATION RELIED UPON

ITEM	DOCUMENTATION	PREPARED BY	DATE
BCAC-21092			
1.	Application Form	CPB Contractors	15 July 2021
2.	BCA Completion Statement #1 - Dishwasher & Staff Lockers	Blackett Maguire & Goldsmith Pty Ltd	28 September 2020
3.	BCA Completion Statement #2 - Kitchen	Blackett Maguire & Goldsmith Pty Ltd	31 May 2021
4.	BCA Completion Statement #3 - Kitchen - SSD	Blackett Maguire & Goldsmith Pty Ltd	09 June 2021
5.	Certification & Schedule of Fire Hazard Properties – Carpet Tiles & Vinyl Floors	PFK Pty Ltd	07 April 2021
6.	Fire Safety Measures Installation Certificate + Alarm signalling equipment + Automatic fail safe devices + Automatic fire detection and alarm system + EWIS + Fire Control Centre + Fire Blankets + Fire Seals Portable fire extinguishers	Precision Fire Protection Services	09 July 2021
7.	Fire Safety Measures Installation Certificate + Automatic fire suppression systems + Fire seals Wall-wetting sprinklers	Precision Fire Protection Services	09 July 2021
8.	Installation Certificate – Windows/glazing	Actiwork Pty Ltd	16 June 2021
9.	Installation Certificate – Waterproofing Internal	Saba Bros Tiling Pty Ltd	04 March 2021
10.	Installation Certificate – Lightweight Construction, Linings, Ceilings & Partitions	Interior Works	08 July 2021
11.	Product and Material Declaration – Balustrades	Active Metal Pty Ltd	01 July 2021
12.	Product and Material Declaration – Block/Brick Laying	JR Block & Bricklaying Pty Ltd	09 July 2021
13.	Product and Material Declaration – Floor Coverings	PKF Pty Ltd	06 July 2021
14.	Product and Material Declaration – Mechanical Services including Mechanical, Electrical & BMS	HVAC	12 July 2021
15.	Product & Material Declaration – Medical Gas	Hoslab Projects Pty Ltd	09 July 2021
16.	Installation Certificate – Shielding	Interior Works	08 July 2021
17.	Installation Certificate – Curtains & Blinds	Reilly & Associates	20 July 2021
18.	Installation Certificate – Furniture, Fittings & Equipment	Actiwork Pty Ltd	09 April 2021
19.	Installation Certificate – Painting	BBC Painting and Rendering Pty Ltd	17 March 2021
20.	Builder / Head Contractor Compliance Statement	Calibre Professional Services	19 September 2019
21.	Installation Certificate – Roller shutters	Interior Works	05 July 2021
22.	Installation Certificate – Flooring (Porcelain Tiling)	Saba Bros Tiling Pty Ltd	08 February 2021
23.	Installation Certificate – Wall Protection	C&H Group Pty Ltd	02 June 2021
24.	Installation Certificate – Wall Tiling	Tile Logistics Pty Ltd	02 February 2021
25.	Product & Material Declaration – Nurse Call	Acetek Health & Aged Care	03 August 2021
26.	Fire Hose Reel Commissioning Report	Planet ACT and Health Projects Pty Ltd	04 August 2021



27.	Sprinkler Pump Commissioning Report	Prime Pumps	17 June 2021
28.	Wet Fire Sprinkler Commissioning Report	Precision Fire Protection Services	03 August 2021
29.	Clinical Services Building Completion/Handover Statement	Lehr Consultants (Australia) Pty Ltd	06 August 2021
30.	Compliance Certificate – Passive Fire Inspection	Sommerset Fire Solutions Pty Ltd	03 August 2021
31.	Clinical Services Building Fire Penetration Register	Stowe Australia	03 August 2021
32.	Fire Penetration Drawings	Stowe Australia	03 August 2021
33.	Installation Certificate – Mechanical	HVAC	27 July 2021
34.	Installation Certificate – Architectural	Conrad Gargett	30 July 2021
35.	Structural Inspection Certificate	Taylor Thomson Whitting Pty Ltd	02 August 2021
36.	Civil Inspection Certificate – Interim	Taylor Thomson Whitting Pty Ltd	30 July 2021
37.	Diesel Engine Driven Fire Pumpset – Commissioning Checklist	Hunter Pumps	09 June 2021
38.	Dual Hydrant Flow Test Sheet	Hunter Pumps	09 June 2021
39.	Product & Materials Declaration	AW Signs	03 August 2021
40.	Certification & schedule for Fire Stopping of Services Penetrations – Fire Sealing	Stowe Australia	03 August 2021
41.	Certification & schedule for Fire Stopping of Services Penetrations – Dry Fire	Precision Fire Protection Services	03 August 2021
42.	Certification & schedule for Fire Stopping of Services Penetrations – Wet Fire	Precision Fire Protection Services	03 August 2021
43.	Installation Certificate – Lifts 4-7	Schindler	13 May 2021
44.	Wet Fire Photos	Precision Fire Protection Services	03 August 2021
45.	Installation Certificate – Lightweight Construction	Interior Works	05 July 2021
46.	+ Essential Fire Safety Measures Certification: Warning & Operational Signs	AW Signs	13 April 2021
47.	Installation Certificate – Pneumatic Tube	Lamson	6 July 2021
48.	Installation Certificate - Acoustic	Interior Works	08 July 2021
49.	Registration of an Item of Plant – Lift 5	CPB Contractors	29 July 2021
50.	Registration of an Item of Plant – Lift 4	CPB Contractors	29 July 2021
51.	Installation Certificate – Windows/Glazing	Interior Works	05 July 2021
52.	Product & Material Declaration – Fire Services	Precision Fire Protection Services	27 July 2021
53.	Certification & Schedule of Slip Resistance – CSB External – Concrete Pavements/Footpaths	Great Gardens	27 July 2021
54.	Installation Certificate – Metal Roofing	Hyland Roofing	29 July 2021
55.	Builder Compliance Statement	CPB Contractors	30 July 2021
56.	Certification & Schedule of Fire Hazard Properties	Interior Works	07 July 2021
57.	Installation Certificate – Electrical, Exit Signs & Emergency Lighting	Stowe Australia	23 July 2021
58.	Installation Certificate – Door & Door Frames & Hardware	Ikon Doors Pty Ltd	23 July 2021
59.	Installation Certificate – Fire Services (Wet Fire)	Planet Plumbing ACT	14 July 2021
60.	Installation Certificate – ABS Façade Scope	ABS Façade	30 July 2021
61.	Fire Penetration Photos	Stowe Australia	Undated
62.	Access installation Statement	iAccess	06 August 2021
BCAC-21094			
63.	Greenstar Rating Confirmation	JHA Consulting Engineers	09 September 2021
64.	Request for agreement of alternative framework	Planning, Industry & Environment NSW	22 October 2019
65.	Installation Certificate – Mechanical Services including BMS	HVAC	20 August 2021
66.	Survey Plan	North Coast Surveys	15 July 2021



67.	Fire Safety Statement	The Fire Consultants	-
68.	Builders Compliance Statement	CPB Contractors	04 August 2021
69.	Installer's Statement – Emergency Warning Systems and Emergency Intercom Systems	Passive Fire Protection Services Pty Ltd	25 February 2020
70.	Commissioning Test Report – Emergency Warning System and Emergency Intercom System	Precision Fire Protection Services Pty Ltd	20 June 2021
71.	Certification and Schedule of Fire Stopping of Services Penetrations	Morsen Pty Ltd	22 July 2021
72.	Installation Certificate • Fire Dampers • Fire Seals • Mechanical Air Handling Systems • Pressurisation Systems • Smoke Hazard Management Systems (Smoke Exhaust) • Smoke Dampers	HVAC Australia Pty Ltd	20 August 2021
73.	Installation Certificate • Fire Doors • Required Exit Doors (Power Operated) • Smoke Doors	Ikon Doors Pty Ltd	20 August 2021
74.	Installation Certificate • Access Panels, Doors And Hoppers • Fire Seals • Lightweight Construction	Interior Works	20 August 2021
75.	Installation Certificate – Fire Seals	Lamson Concepts Pty Ltd	20 August 2021
76.	Installation Certificate – Fire Seals	Hoslab Projects Pty Ltd	20 August 2021
77.	Installation Certificate • Automatic Fail-Safe Devices • Emergency Lighting • Exit Signs • Fire Seals • Stand-By Power Systems	Stowe Australia Pty Ltd	19 August 2021
78.	Installation Certificate • Alarm Signalling Equipment • Automatic Fail-Safe Devices • Automatic Fire Detection And Alarm System • Automatic Fire Suppression Systems • Ewis • Fire Control Centre • Fire Blankets • Fire Seals • Portable Fire Extinguishers • Required Exit Doors (Power Operated)	Precision Fire Protection Services	20 August 2021
79.	Installation Certificate • Automatic Fire Suppression Systems • Fire Seals • Wall-Wetting Sprinklers • Warning & Operational Signs	Precision Fire Protection Services	20 August 2021
80.	Installation Certificate – Landscape works	Great Gardens	27 July 2021
81.	Acoustic Report	JHA Services	09 August 2021
82.	Installation Certificate – Energy Efficiency / ESD relevant to Mechanical and BMS Systems	HVAC	12 July 2021
83.	Certificate of Plant Item Registration (Lift No.1)	SafeWork NSW	24 November 2020
84.	Certificate of Plant Item Registration (Lift No.4)	SafeWork NSW	12 August 2021



85.	Certificate of Plant Item Registration (Lift No.5)	SafeWork NSW	12 August 2021
86.	Certificate of Plant Item Registration (Lift No.6)	SafeWork NSW	30 November 2020
87.	Survey Plan	North Coast Surveys	22 June 2021
88.	Installation Certificate – Windows / Glazing	Interior Works	05 July 2021
89.	Installation Certificate – Balustrades	Active Metal	10 February 2021
90.	Contractor Company Details	-	-
91.	Installation Certificate – Bicycle Wayfinding	JNC Group	20 August 2021
92.	Installation Certificate – Carparking Wayfinding	JNC Group	20 August 2021
93.	Installation Certificate – Glazing	Actiwork Pty Ltd	16 June 2021
94.	Installation Certificate – External Lighting	Stowe Australia Pty Ltd	24 August 2021
95.	Operation & Maintenance Manual	Taylor Thomson Whitting Pty Ltd	12 November 2019
96.	Certification & Schedule of Slip Resistance – Stairs & Helipad	BBC Painting & Rendering Pty Ltd	23 July 2021
97.	ARDEX WPM 265 Datasheet	Ardex	August 2016
98.	ARDEX WPM 002 Datasheet	Ardex	June 2016
99.	ARDEX P 9 Datasheet	Ardex	November 2020
100.	Installation Certificate – Waterproofing External Areas	Master Floor Preparers	23 July 2021
101.	Installation Certificate – Metal Roofing	Hyland Roofing	20 August 2021
102.	Survey Documents	North Coast Surveys	22 June 2021
103.	Certification – Window cleaning	Hyland Roofing	29 July 2021
104.	Installation Certificate – Linings, Ceilings and Partitions, ex Fire Walls	Interior Works	08 July 2021
105.	Product and Material Declaration – Balustrades	Active Metal Pty Ltd	01 July 2021
106.	Product and Material Declaration – Automatic fire suppression system (wet) & automatic fire detection and alarm system (dry)	Precision Fire Protection Services Pty Ltd	27 July 2021
107.	Statement of Installation Compliance – Bond Beam Support Angles Lifts 4-7	AS Fire Management Pty Ltd	11 August 2020
108.	Product and Material Declaration – Block / Brick laying	JR Block & Bricklaying Pty Ltd	09 July 2021
109.	Product and Material Declaration – Floor coverings	PKF Pty Ltd	06 July 2021
110.	Product and Material Declaration – Hydraulics	Planet Plumbing Act	14 July 2021
111.	Product and Material Declaration – Landscaping	Great Gardens	27 July 2021
112.	Product and Material Declaration – Tanking and Waterproofing	Master Floor Preparers	23 July 2021
113.	Product and Material Declaration – Mechanical services including mechanical electrical and BMS	HVAC	12 July 2021
114.	Product and Material Declaration – Medical gas	Hoslab Projects Pty Ltd	09 July 2021
115.	Product and Material Declaration – Metal roofing	Hyland Roofing	28 July 2021
116.	Product and Material Declaration – Metal work	All Metal Fabrications	06 August 2021
117.	Product and Material Declaration – Nurse call systems	Acetek Health & Aged Care	03 August 2021
118.	Product and Material Declaration – Pneumatic tube	Lamson Concepts Pty Ltd	23 July 2021
119.	Installation Certificate – Shielding	Interior Works	08 July 2021
120.	Installation Certificate – Curtains and blinds	Reilly & Associates	20 July 2021
121.	Installation Certificate – Furniture, fittings and equipment	Actiwork Pty Ltd	009 April 2021
122.	Installation Certificate – Joinery	Resicom Joinery Pty Ltd	20 July 2021
123.	Installation Certificate – Lifts 4-7	Schindler Lifts Australia Pty Ltd	13 May 2021
124.	Installation Certificate – Painting	BBC Painting and Rendering Pty Ltd	17 March 2021



125.	Installation Certificate – Patient Lifters	Arjo Australia Pty Ltd	21 July 2021
126.	Builders Compliance Statement	Calibre Professional Services	19 September 2019
127.	Installation Certificate – Roller Shutters	Interior Works	05 July 2021
128.	Installation Certificate – Signage	AW Signs	03 August 2021
129.	Installation Certificate – Flooring (Porcelain Tiling)	Saba Bros Tiling Pty Ltd	08 February 2021
130.	Installation Certificate – Wall Protection	C & H Group Pty Ltd	02 June 2021
131.	Installation Certificate – Wall Tiling	Tile Logistics Pty Ltd	02 February 2021
132.	Product and Material Declaration – Door & Door frames and hardware	Ikon Doors Pty Ltd	23 July 2021
133.	Product and Material Declaration – Joinery	Resicom Joinery	09 August 2021
134.	Product and Material Declaration – Signage	AW Signs	03 August 2021
135.	NSWFR LOCAL Coordination	Fire Safety NSW	24 August 2021
136.	Installation Certificate – Waterproofing (Internal)	Saba Bros Tiling Pty Ltd	04 March 2021
137.	Installation Certificate – Energy Efficiency / ESD	Stowe Australia Pty Ltd	24 August 2021
138.	Installation Certificate • Fire Hose Reels • Fire Hydrant Systems • Fire Seals	Planet Plumbing (ACT) & Health Projects Pty Ltd	20 August 2021
139.	Certification & Schedule of Fire Hazard Properties – Carpet Tiles & Vinyl Flooring	PFK Pty Ltd	07 April 2021
140.	System Designers Statement – Automatic Fire Detection & Alarm System	Precision Fire Protection Services	25 August 2021
141.	Certification & Schedule of Fire Hazard Properties – Carpet Tiles & Vinyl Flooring	Lamson Concepts Pty Ltd	26 July 2021
142.	Installation Certificate - Fire Seals	Morsen Pty Ltd	20 August 2021
143.	Installation Certificate - Lifts 4-7	Schindler Lifts Australia Pty Ltd	13 May 2021
144.	Installation Certificate -Energy Efficiency / ESD	Interior Works	25 August 2021
145.	Installation Certificate -Energy Efficiency / ESD	Hyland Roofing	24 August 2021
146.	Installation Certificate -Energy Efficiency / ESD	Planet Plumbing (ACT) & Health Projects Pty Ltd	24 August 2021
147.	Fire Assessment Report No. FAR 4659 Issue 2 – Fire Performance of Knauf Plasterboard Lining Products	BRANZ	21 March 2019
148.	Fire Assessment Report No. FAR FC10241-001 Issue 2 – Fire Resistance of Fyreguard Wall and Ceiling Access Panels	BRANZ	27 July 2020
149.	Fire Assessment Report No. CO4814 – Fire Resistance Performance of the TBA movement/seismic joint systems in accordance with AS1530.4-2014 & AS 4072.1-2005	CSIRO	11 July 2018
150.	Fire Assessment Report No. FAR 3015 Issue 2 – Fire Resistance of Promatect 100 & 250 Boards for Structural Steel Construction	BRANZ	05 June 2019
151.	Fire Assessment Report No. 40962700 – Promaseal Fyrestrip protecting joints in masonry and concrete walls & Floors in accordance with AS 1530.4 – 2014 & AS 4072.1 - 2005	Warringtonfire	26 February 2021
152.	Fire Assessment Report No. FAR 3314 – Fire Resistance of Fire Containment Access Panels	BRANZ	08 September 2009
153.	Non-Combustibility compliance Statement	Panelcorp Group Pty Ltd	Undated
154.	Installation Certificate • Fire Seals	Faircloth & Reynolds	26 August 2021
155.	Fire Test Report N. FNK 11868 – Reconstituted Wood Based Composite	CSIRO	23 December 2016
156.	Installation Certificate	ABS Façade	27 August 2021



	- Required Exit Doors (power operated) - FER Alternative Solution Smoke Separation		
157.	Fire Engineering Inspection Report	LCI Consultants	28 August 2021
158.	Certification & Schedule of Fire Hazard Properties – Access Panels, Plasterboard Wall Lining, Speedpanel, Cemintel, Barristone & Surrounds, Acoustic & Aquatex Ceiling Tiles, Supawood Linings.	Interior Works	17 August 2021
159.	Helicopter Landing Site – Fit for Purpose Report	AviPro	11 August 2021
160.	Civil Inspection Certificate – Stormwater & Carparking	Taylor Thomson Whitting Pty Ltd	03 September 2021
161.	Bradford Fireseal Curtain Wall Batts	Bradford	Undated
162.	Innoscreen Concealed Lock in Installation Manual	Innowood Australia Pty Ltd	April 2019
163.	Structural Design Certificate	Taylor Thomson Whitting Pty Ltd	26 August 2021
164.	Structural Inspection Certificate	Taylor Thomson Whitting Pty Ltd	26 August 2021
165.	Installation Certificate – Patient Lifters	Arjo Australia Pty Ltd	21 July 2021
166.	Installation Certificate – Electrical Installation Patient Areas	Morsen	19 May 2021
167.	Installation Certificate – Hydraulic	Planet Plumbing Act	14 July 2021
168.	Installation Certificate – Bushfire	ABS Façade	26 August 2021
169.	External Wall System Disclosure Statement	ABS Façade	30 July 2021
170.	Installation Certificate – Bushfire	ABS Façade	26 August 2021
171.	Innowood Material Characteristics	Innowood Australia Pty Ltd	2019
172.	Certification & Schedule of On-site Slip Resistance Testing	STMW Testing Services Pty Ltd	01 September 2021
173.	Installation Certificate – Kitchen Equipment	Faircloth & Reynolds	27 August 2021
174.	Certification & Schedule of Lightweight Fire Rated Construction	Interior Works	17 August 2021
175.	Pink Ladies Coffee Shop - Pre-Opening Inspection of Food Business	Coffs Harbour City Council	31 August 2021
176.	Pink Ladies Coffee Shop - Pre-Opening Inspection Report	Coffs Harbour City Council	28 August 2021
177.	Confirmation that the Department of Planning will be notified 1 month prior the date of commencement	CPB Contractors	16 August 2021
178.	Installation Certificate – Structural (Post Tensioning)	SRG Global	19 August 2021
179.	Pink Lady Café – Certificate of Compliance	Universal Food Service Design Pty Ltd	26 August 2021
180.	Slip Test Report No. 288.1 – Helipad Line marking	STMW Slip Testing Services	03 July 2021
181.	Slip Test Report No. 288.4 – Spray-on Waterproof Exposed Roof System	STMW Slip Testing Services	03 July 2021
182.	Slip Test Report No. 288.5 – Concrete Sealer Antislip Dulux Protective Coating	STMW Slip Testing Services	03 July 2021
183.	Slip Test Report No. 288.6 – Rocks on Limestone Range Çlay 'Natural Finish	STMW Slip Testing Services	03 July 2021
184.	Slip Test Report No. 288.7 – Rocks on Limestone Çlay 'Blazed Finish (R11)	STMW Slip Testing Services	03 July 2021
185.	Slip Test Report No. 288.8 – Vinyl Sheet Floor Tarkett Acczent Excellence Ruby	STMW Slip Testing Services	03 July 2021
186.	Slip Test Report No. 288.9 – 200 x 200 Vitrified Floor Tile Glennon 2244NST (Ensuite Floors)	STMW Slip Testing Services	03 July 2021
187.	Slip Test Report No. 288.10 – Vinyl Sheet Floor Tarkett Granite Safe T Colour	STMW Slip Testing Services	03 July 2021



188.	Slip Test Report No. 288.11 – Beige Vinyl Sheet Floor Tarkett Granit Safe T Colour	STMW Slip Testing Services	03 July 2021
189.	Slip Test Report No. 288.12 – Rocks on Kerlite Limestone 'Clay	STMW Slip Testing Services	03 July 2021
190.	Slip Test Report No. 288.14' - Rocks on Cadore / Bosco	STMW Slip Testing Services	03 July 2021
191.	Slip Test Report No. 288.15 – Rocks on Limestone Range 'Oyster'	STMW Slip Testing Services	03 July 2021
192.	Slip Test Report No. 288.16 – Metz Kitchen Tiles Eurpave Luce with Matching Cove	STMW Slip Testing Services	03 July 2021
193.	Slip Test Report No. 288.17 – Vinyl Sheet Floor Tarkett Optima Colour 'Light Beige'	STMW Slip Testing Services	03 July 2021
194.	Slip Test Report No. 288.18 – Vinyl Sheet Floor Tarkett Optima Colour 'White'	STMW Slip Testing Services	03 July 2021
195.	Slip Test Report No. 288.19 – Grey Broomed Concrete	STMW Slip Testing Services	03 July 2021
196.	Slip Test Report No. 288.20 – Cast Iron Lid	STMW Slip Testing Services	03 July 2021
197.	Slip Test Report No. 288.21 - Asphalt	STMW Slip Testing Services	03 July 2021
198.	Slip Test Report No. 288.23 – Heel Guard Grate	STMW Slip Testing Services	03 July 2021
199.	Slip Test Report No. 300.1 – Sps 109 Grey Epoxy Flooring to Helipad	STMW Slip Testing Services	29 August 2021
200.	Slip Test Report No. 300.2 – Spray-on Exposed Roof System	STMW Slip Testing Services	29 August 2021
201.	Slip Test Report No. 300.3 – Exposed Aggregate Concrete to the front of the Hospital	STMW Slip Testing Services	29 August 2021
202.	Slip Test Report No. 300.4 -	STMW Slip Testing Services	29 August 2021
203.	Certificate of Conformity - ExoTec Facade Panel and Fixing System - CM40221	CodeMark	17 May 2021
204.	3mm Aluminium ABS FACADE Fire Warranty	Garmco	23 March 2021
205.	The Empire Brick System Installation Certificate	Empire Ceramics Pty Ltd	06 November 2015
206.	Fire Resistance Heartwood Porcelain Tiles	Atlas Concorde	05 May 2020
207.	Roofing & Walling	Lysaght	November 2019
208.	Safety Line Jalousy Design Manual	Safety Line Jalousy	Undated
209.	Freeflow Stormproof Louvres Technical Information (101_CVS_090S)	CVS Group	Undated
210.	Freeflow Two Stage Louvres Technical Information (105_CVS_090T)	CVS Group	Undated
211.	GL-101_Performance data-10.38 Clear+10.38 Grey	Glass Tech Australia	Undated
212.	AssaultGuard Ultra Product Guide	Viridian Glass	Undated
213.	BAL40 Windows & Doors Technical Manual	Alspec	February 2015
214.	Crimsafe 0.9mm Specification Sheet	Crimsafe Security Systems Pty Ltd	August 2017
215.	Gold Wall Batts Datasheet	CSR Bradford	October 2018
216.	Innowood Physical Properties	Innowood Australia Pty Ltd	2019
217.	Firefly Non-combustible Sarking Breathing Technical Data Sheet	TBA Firefly	02 May 2019
218.	Assessment Report No. FCO-335 – AS5637	CSIRO	19 August 2019
219.	Test Certificate No. 20-00702 - CeramaPANEL AS1530.3	AWTA Product Testing	11 February 2020
220.	Non Combustibility Compliance	James Hardie Australia Pty Ltd	March 2018
221.	FBS-1 Rockwool Insulation Products	CSR Bradford	15 January 2021
222.	Installation Certificate – General Metalworks	All Metal Fabrications Coffs Pty Ltd	09 September 2021
223.	Installation Certificate – Formwork	Oakdale Group Pty Ltd	08 August 2021



224.	Installation Certificate – Electrical	SC Medical Biomedical Engineering	03 September 2021
225.	Installation Certificate – Electrical, Exit Signs & Emergency Lighting	Stowe Australia Pty Ltd	03 September 2021
226.	Contractor Statement – Pedestrian & Traffic Management	CPB Contractors Pty Ltd	19 February 2021
227.	Certificate of Compliance Water Management	Coffs Harbour City Council	09 September 2021
228.	Council Submission of Structural Drawings & Certificates	CPB Contractors Pty Ltd	09 September 2021
229.	Landscape Bushfire Response	Site Image (NSW) Pty Ltd	09 September 2021
230.	Landscape Management Plan Rev. C	Site Image (NSW) Pty Ltd	09 September 2021
231.	Certificate of Compliance Water Management	Coffs Harbour City Council	09 September 2021
232.	Post Construction Dilapidation Survey Report	OWA Consulting Engineers	06 September 2021
233.	Installation Certificate – Structural (Piling)	Caporn Piling	02 September 2021

NOTE: While BM+G confirms that the certificates provided by others are relevant to the project, BM+G does not endorse the certificates mentioned above. The relevant installation contractor issuing the certificate is responsible for the accuracy and truth of the certificates and the respective works undertaken by the contractor.



SCHEDULE 2

1. This interim BCA Completion Certificate is issued to the exclusion for use by public and patient use of the new clinical services building.
2. The following certification items remain outstanding and are to be finalised, collated, and submitted to the satisfaction of BM+G within seven (7) days from the date of this certificate.: -
 - a) Copies of Operational management plans required under D3, D4, D5, D6, D7, D9, D10, D11 addressing the requirements under SSD8981 as modified,
 - b) Evidence of submission of documentation to the planning secretary as required under D14 of SSD8981,
 - c) Dilapidation report including;
 - Comment from structural engineer regarding conditions in the pre-construction dilapidation report confirming no adverse structural damage has occurred,
 - Written confirmation from relevant authority there is no adverse structural damage to their infrastructure roads as a result of the works,
 - Evidence of submission to Council.
 - l) Completed interim fire safety certificate, including updated certification and penetrations registers by Planet Plumbing,
 - m) Unconditional Architectural Certification for the works complete,
 - a) Certification for the following essential fire safety measure Emergency Evacuation Plan,
 - n) Certification from the bushfire consultant confirming compliance with AS3959 and RFS requirement under SSD8981,
 - o) Updated FP1.4 Performance solution report relating to the flush door thresholds to undercover areas,
 - p) Updated Slip resistance report demonstrating external landscaping areas (decking material) achieve a minimum P4 slip rating,
 - q) An amended Crown Certificate will be required to include the final Fire Engineering Report (FER Rev D).
3. The following certification items remain outstanding and are to be finalised, collated, and submitted to the satisfaction of BM+G prior to any staff use of the building.: -
 - a) Structural Certification from a suitably qualified consultant (NER engineer) for the Crimsafe mesh/glass balustrades used to external balcony areas,
4. All works identified within BMG consolidated inspection reports issued 27 August 2021 (BM+G-GCOR-000861) are to be addressed within seven (7) dates from the date of this certificate. BMG will re-inspect all items addressed via photos/certification within seven (7) days including all areas subject to this interim handover to confirm they have been adequately addressed, should further rectification works be identified it is the responsibility of the head contractor to ensure all matters are closed out to the satisfaction of BMG.
5. This Completion Certificate issued by Blackett Maguire + Goldsmith does not certify or imply compliance with the conditions of SSD8981 dated 25 August 2019 (as modified).
6. The fire safety measures listed within the Fire Safety Schedule (provided under Schedule 3 below) must be maintained in accordance with the Environment Planning & Assessment Act 1979 and Regulation 2000.
7. There is to be no temporary or permanent isolation or disruption of the fire safety systems and or FIP once the building is occupied, unless prior agreed and accepted by BM+G.
8. There is to be no temporary or permanent impediment of the egress arrangements from the existing building or temporary egress routes through landscaping areas not forming part of this handover.
9. This certificate shall not be construed as relieving any other party of their responsibilities, liabilities or contractual obligations.
10. BM+G did not evaluate the quality of workmanship or materials used for construction of the building, as this is the responsibility of others.
11. The floor finishes are to be cleaned and maintained only in accordance with the manufacturers and supplier's specification to ensure the inherent slip resistance capabilities of the floor finishes are not compromised.
12. All works carried out by the respective trades and disciplines remain the responsibility of the Head Contractor (CPB constructions), who was responsible for the commissioning, site instructions and obtainment of certifications of such works.



SCHEDULE 3

FIRE SAFETY SCHEDULE

OWNER: NSW Health Infrastructure
ADDRESS: Coffs Harbour Hospital
 345 Pacific Highway, COFFS HARBOUR NSW 2450
s.109R: CRO-18161, CRO-20035, CRO-20046, CRO-20066 & CRO-20069
BCAC NO: BCAC-21094

SCHEDULE

Statutory Fire Safety Measure	Design / Installation Standard	Existing	Proposed
Access Panels, Doors & Hoppers	BCA Clause C3.13 & AS 1530.4 - 2005	✓	✓
Alarm Signalling Equipment	AS 1670.3 – 2004	✓	✓
Automatic Fail Safe Devices	BCA Clause D2.21 & Fire Safety Engineering Report prepared by LCI Consultants Report No. 19020-SB-FER01 Revision D dated 17 August 2021	✓	✓
Automatic Fire Detection & Alarm System	BCA Spec. E2.2a & AS 1670.1 – 2015 & Fire Safety Engineering Report prepared by LCI Consultants Report No. 19020-SB-FER01 Revision D dated 17 August 2021	✓	✓
Automatic Fire Suppression Systems	BCA Spec. E1.5 & AS 2118.1 – 2017 & Fire Safety Engineering Report prepared by LCI Consultants Report No. 19020-SB-FER01 Revision D dated 17 August 2021	✓	✓
Emergency Lifts	BCA Clause E3.4 & AS 1735.2 – 2001	✓	✓
Emergency Lighting	BCA Clause E4.4 & AS 2293.1 – 2005	✓	✓
EWIS	BCA Clause E4.9 & AS 1670.4 – 2015 & Fire Safety Engineering Report prepared by LCI Consultants Report No. 19020-SB-FER01 Revision D dated 17 August 2021	✓	✓
Emergency Evacuation Plan	AS 3745 – 2010 & Fire Safety Engineering Report prepared by LCI Consultants Report No. 19020-SB-FER01 Revision D dated 17 August 2021	✓	✓
Exit Signs	BCA Clauses E4.5, E4.6 & E4.8; and AS 2293.1 – 2005	✓	✓
Fire Control Centre	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	✓	✓
Fire Doors	BCA Clause C2.12, C2.13, C3.2, C3.3, C3.4, C3.5, C3.7, C3.8; and AS 1905.1 – 2015 & Fire Safety Engineering Report prepared by LCI Consultants Report No. 19020-SB-FER01 Revision D dated 17 August 2021	✓	✓
Fire Hose Reels	BCA Clause E1.4 & AS 2441 – 2005 & Fire Safety Engineering Report prepared by LCI Consultants Report No. 19020-SB-FER01 Revision D dated 17 August 2021	✓	✓
Fire Hydrant Systems	Clause E1.3 & AS 2419.1 – 2005 & Fire Safety Engineering Report prepared by LCI Consultants Report No. 19020-SB-FER01 Revision D dated 17 August 2021	✓	✓
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 (Auto-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 & Fire Safety Engineering Report prepared by LCI Consultants Report No. 19020-SB-FER01 Revision D dated 17 August 2021	✓	✓
Pressurisation Systems	BCA Clause E2.2 & AS/NZS 1668.1 – 2015	✓	✓
Required Exit Doors (power operated)	BCA Clause D2.19(b)	✓	✓
Smoke Hazard Management Systems (Smoke Exhaust)	BCA Part E2 & AS/NZS 1668.1 – 2015 & Fire Safety Engineering Report prepared by LCI Consultants Report No. 19020-SB-FER01 Revision D dated 17 August 2021	✓	✓



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Smoke Dampers	AS/NZS 1668.1 – 2015	✓	✓
Smoke Doors	BCA Spec C3.4 & C2.5 & Fire Safety Engineering Report prepared by LCI Consultants Report No. 19020-SB-FER01 Revision D dated 17 August 2021	✓	✓
Stand-by Power Systems	BCA Clause E1.3 E3.4, E4.2 & E4.5; and AS 3000 – 2007	✓	✓
Wall-Wetting Sprinklers	BCA Clause C3.4 & AS 2118.2 – 2010 & Fire Safety Engineering Report prepared by LCI Consultants Report No. 19020-SB-FER01 Revision D dated 17 August 2021	✓	✓
Warning & Operational Signs	Section 183 of the EP&A Regulation 2000, AS 1905.1 – 2015, BCA Clause D3.6, D2.23, E3.3 & Fire Safety Engineering Report prepared by LCI Consultants Report No. 19020-SB-FER01 Revision D dated 17 August 2021	✓	✓
Fire Engineering Alternative Solution relating to: + Rationalise smoke separation to the slab edge and external walls junctions with the curtain wall facade in lieu of fire separation + Rationalisation of various compartments within the building as follows; <u>Ward areas:</u> i. Level 1 (Smoke Compartment 114a) – 535 m² ii. Level 1 (Fire Compartment 114) – 1012 m² iii. Level 2 (Smoke Compartment 121b) – 529 m² iv. Level 3 (Smoke Compartment 133a) – 504 m² <u>Treatment areas:</u> v. Level 1 (Fire Compartment 112) – 1033 m² vi. Level 3 (Fire Compartment 131) – 1085 m² + Rationalise the method of protection to the various linkways between the new and existing buildings. + Rationalise the method of protection between different fire compartments that are exposed to one another under Clause C3.3. + To permit fire/smoke doors to swing in a single direction namely against the direction of egress. + To permit the exit door from ground floor to ambulance bay area swinging inwards i.e. in the opposite direction of egress. + Rationalise smoke leakage to the dual swing fire/smoke doors. + Rationalise extended travel distances within the building namely <u>Ground Floor:</u> • Up to 27 m worst case to a point of choice between alternative exits from the reflection room/office area (non-patient care) <u>Level 1:</u> • Up to 14.5 m to a point of choice from operating theatre, in lieu of 12 m.	BCA Performance Requirements CP1, CP2, CP3, CP8, DP2, DP4, DP5, DP6, EP1.1, EP1.3, EP1.4, EP2.1, EP2.2, EP4.3 & NSW GP5.1 Fire Safety Engineering Report prepared by LCI Consultants Report No. 19020-SB-FER01 Revision D dated 17 August 2021	✓	✓



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• Up to 14.5 m from ensuite within patient room to a point of choice, in lieu of 12 m. • Up to 35 m from ensuite within patient room to an exit, in lieu of 30 m. • Up to 47 m between alternative exits from operating rooms, in lieu of 45 m. <u>Level 3:</u> • Up to 17 m to a point of choice from the external balcony, in lieu of 12 m. • Up to 13 m from ensuite within patient room to a point of choice, in lieu of 12 m. <u>Level 4 Plant (non-patient care area):</u> • Up to 23 m to a point of choice, in lieu of 20 m. • Up to 45 m to an exit, in lieu of 40 m. + Rationalise the following having regards to the central atrium stair; • Atrium stair connecting more than two (2) storeys in a 9a building • Smoke exhaust rate to the atrium • The atrium space will not be provided with bounding walls set back by no more than 3.5 m from the perimeter of the atrium. • The atrium well not having a 6 m width throughout. + To permit egress via use of multiple horizontal exits before reaching an exit other than a Horizontal exit + Rationalise the following with respect of the helipad • Discharge of the fire isolated stair into Lv.3 atrium • The omission of stair pressurisation to this stair + The use of a non-fire isolated stairway from the helipad in lieu of a fire isolated stairway + To permit the path of travel from the Fire Isolated exits passing through the buildings linkways + Rationalise volume reductions to the EWIS speakers in ward/treatment areas and theatre spaces + Rationalise Fire Hose Reel coverage to various equipment rooms which are fire separated from the remainder of the building. + To permit sliding doors within a 9a building in the following areas • Manually operated sliding doors on Level 3 • Power operated doors on Level 1 + Rationalise FRL's to the ground café area 120min in lieu of 180min + Provision of traditional sprinkler with protective cover compliant with Clause 5.9.2 of AS 2118.1-2017, in lieu of a dry type system as required by BCA Specification E1.5 Clause 13.			



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+ Omission of various equipment rooms fire separated off from the remainder of the building with 120min construction + Discharge of fire isolated exits under an awning which is greater than 6m from open space + Rationalise the location of the booster assembly is not located within sight of the main entrance of the building + Use of antiligature door hardware to the Safe Assessment Room + It is proposed for columns in the Café retail area which support the roof only not to be protected to achieve an FRL. + Rationalise separation to a number of mechanical risers are proposed to be open to the mechanical plant room level but will be fire separated from all other levels in lieu of fire separated at the top and bottom of the shaft + To permit certain steel members greater than 75 mm x 50 mm to penetrate the fire wall between Level 3 ICU and balcony. + To permit the fire walls to be sealed to the inner face of the curtain wall assembly + To permit fire hose reels to pass through a fire / smoke door in order to achieve fire hose reel coverage, as hose reels will not be provided within each room: • L1 Ante Room • L3 Balcony • L2 Assessment Rooms + To permit the following with respect of the fire hose reel system: • Ground Floor – ~9m from main entry airlock • Level 2 – ~4.5m from horizontal exit • The fire hose reel located to the western end of the helipad is located on lower storey (Level 4) • Fire hose reel serving ICU on Level 3 passes through a fire door for coverage. + Rationalise sprinkler coverage having regards to the use of privacy curtains in bedrooms which extend to the ceiling are proposed to incorporate a 70% open mesh in the top 500mm section of the curtain. + Rationalise the FRL of the columns supporting the awning of the helipad lift lobby to achieve no FRL. + To permit timber noggings (combustible) within various (Internal walls only) non-loadbearing fire walls for the purposes of supporting handrails and hold open points. + To permit the air handling system serving the three ICU bays on Level 3 to continue to run in fire mode, when			



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required to operate in 'Pandemic' mode. + To permit the weatherproof membrane of the trafficable roof system to be combustible, in lieu of combustible as prescribed in AS 3959 for a 'roof covering accessory'. + To allow the use of motorised dampers the perforated ceilings located on the Ground Floor 'smoke reservoir' above fire/ smoke doors (i.e. from top of fire/smoke doors to the underside of false ceiling) to have a depth of 110 - 300 mm in various locations on Ground Floor and Level 1, in lieu of 400 mm. + To permit localised minor encroachments on the required 400mm smoke reservoir bulkheads within the linkways to Lv. 1. + To permit a variation to the test specimen for the fire door where a protective lining has been used to the fire doors, which is not tested to AS 1530.4 as prescribed by AS 1905.1. + It is proposed to permit a localised reduced width of 860mm in lieu of 1m occurs to the egress path from the Café back of house area on ground floor.			