

BUILDING CERTIFICATION FOR CROWN BUILDING WORKS CERTIFICATE NO. 20/124846-8

Pursuant to the provisions of Section 6.28 of the Environmental Planning and Assessment Act 1979, McKenzie Group Consulting hereby certify that the building has been designed in accordance with the technical provisions of the State's building laws and in particular, the Building Code of Australia. This certification is based upon our review of the documentation submitted, including plans, specifications and certification from design consultant.

Owner

Name: Health Administration Corporation
Address: Level 14, 77 Pacific Highway, North Sydney NSW 2060

Property details

Address: Part Lot 1 DP870820 (Randwick Hospital Campus), Lot 6 DP13997 (71 Botany Street, Randwick), Lot A DP167106 (73 Botany Street Randwick), Lot B DP167106 (75 Botany Street, Randwick), Lot C DP167106 (77 Botany Street, Randwick), Lot D DP167106 (79 Botany Street, Randwick), Lot A DP33161 (81 Botany Street, Randwick), Lot B DP33161 (83 Botany Street, Randwick), Lot C DP33161 (85 Botany Street, Randwick), Lot D DP33161 (87 Botany Street, Randwick), Lot E DP33161 (89 Botany Street, Randwick), Lot F DP33161 (91 Botany Street, Randwick), Lot 1 DP741639 (93 Botany Street, Randwick), Lot 2 DP1134643 (95 Botany Street, Randwick), Lot A DP439101 (97 Botany Street, Randwick), Lot B DP439101 (99 Botany Street, Randwick) Lot 3 DP302329 (101 Botany Street, Randwick), Part Lot 2 DP13995 (27 Eurimbla Avenue, Randwick), Lot 3 DP13995 (29 Eurimbla Avenue, Randwick), Lot 4 DP13995 (31 Eurimbla Avenue, Randwick), Lot 5 DP13995 (33 Eurimbla Avenue, Randwick), Lot 6 DP13995 (35 Eurimbla Avenue, Randwick), Lot 7 DP13995 (37 Eurimbla Avenue, Randwick), Lot 8 DP13995 (39 Eurimbla Avenue, Randwick), Lot 9 DP13995 (41 Eurimbla Avenue, Randwick), Lot 10 DP13995 (43 Eurimbla Avenue, Randwick), Lot 11 DP13995 (45 Eurimbla Avenue, Randwick), Lot 12 DP13995 (47 Eurimbla Avenue, Randwick), Lot 13 DP12909 (34 Eurimbla Avenue, Randwick), Lot 14 DP12909 (36 Eurimbla Avenue, Randwick), Lot B DP441943 (38 Eurimbla Avenue, Randwick), Lot A DP441943 (40 Eurimbla Avenue, Randwick), Lot 1 DP1182570 (42 Eurimbla Avenue, Randwick), Lot 2 DP1182570 (44 Eurimbla Avenue, Randwick), Lot 23A DP434935 (46 Eurimbla Avenue, Randwick), Lot 23B DP434935 (48 Eurimbla Avenue, Randwick), Lot 1 DP522596 (50 Eurimbla Avenue, Randwick), Lot 2 DP533596 (52 Eurimbla Avenue, Randwick), Lot 1 DP501682 (54 Eurimbla Avenue, Randwick), Lot 2 DP501682 (56 Eurimbla Avenue, Randwick), Lot 3 DP 513339 (58 Eurimbla Avenue, Randwick), Lot 4 DP513339 (60 Eurimbla Avenue, Randwick), Lot 19 DP7745 (62 Eurimbla Avenue, Randwick), Lot 18 DP7745 (64-64A Eurimbla Avenue, Randwick, Randwick), Lot 52 DP7745 (64R Eurimbla Avenue – Pedestrian walkway, Randwick), Lot 1 DP748060 (66 Eurimbla Avenue – also known as 6 Magill Street, Randwick), Lot 11 DP806091 (66A Eurimbla Avenue, Randwick), Lot 1 DP307266 (2 Magill Street, Randwick), Lot 12 DP806091 (4 Magill Street, Randwick), Lot Dp975640 (8-8A Magill Street, Randwick), Lot 1 DP11351 (10 Magill Street, Randwick), Lot 2 DP11351 (12 Magill Street, Randwick) Lot 3 DP11351 (14 Magill Street, Randwick)

Municipality: Randwick City Council

Description and value of development

Description: Randwick Campus Redevelopment new Acute Services Building (ASB) is the first stage of a major expansion of Prince of Wales Hospital at Randwick.

The Project scope includes a new 13 storey Acute Services Building of approximately 50,000 m² and associated Early Works including demolition, services diversion and relocations to allow construction of the new acute services building. The new ASB will comprise of the following uses:

- Bulk earthworks;
- Adults' Emergency Department
- Psychiatric Emergency Care Centre
- Operating Theatres and Central Sterilising Service
- Intensive Care Unit and High Dependency Unit
- Medical Assessment Unit
- Inpatient Units
- Support Services
- Front of house areas, including retail and education/training/research (ETR) facilities
- Overhead pedestrian links to existing hospital buildings;
- A helipad on the uppermost roof of the building;
- Magill Street road works, Botany Street signalised intersection, internal roads and drop-off/pick-up areas; and
- Utility, site infrastructure and landscaping works

Value of work: \$132,058,726.00

Building Code of Australia building classification

Part: Completion of the Acute Services Building

Works to be completed under this application include:

- Services and fit out Level 2 to roof top inclusive
- Roof (including helipad and other roof top elements)
- Façade, canopies and other attachments

Note: Excludes items to be the subject of a Mod/ confirmation from DPIE including terrace canopy to level 4, façade infill to terrace on level 00, adjustment to the helipad net extent and additional extent of chiller plant to the roof.

Use: Hospital

BCA classification: 5, 6 & 9a

Determination

Approved/Refused: Approved

Date of Determination: 9 November 2020

Development Consent

Certificate no.: SSD 9113

Date of Determination: 27 February 2019

Plans and specifications approved

- MGC Approved Plans prepared by BVN Terroir numbered: RCR-BVN-ARC-50-DRW- 11B-0200001[14], RCR-BVN-ARC-50-DRW-11B- 0200002[13], RCR-BVN-ARC-50-DRW-11B- 0300001[15], RCR-BVN-ARC-50-DRW-11B- 0300002[14], RCR-BVN-ARC-50-DRW-11B- 0400001[15], RCR-BVN-ARC-50-DRW- 11B- 0400002[14], RCR-BVN-ARC-50-DRW- 11B- 0500001[15], RCR-BVN-ARC-50-DRW- 11B- 0500002[14], RCR-BVN-ARC-50-DRW- 11B- 0600001[15], RCR-BVN-ARC-50-DRW- 11B- 0600002[14], RCR-BVN-ARC-50-DRW- 11B- 0700001[15], RCR-BVN-ARC-50-DRW- 11B- 0700002[14], RCR-BVN-ARC-50-DRW- 11B- 0800001[15], RCR-BVN-ARC-50-DRW- 11B- 0800002[14], RCR-BVN-ARC-50-DRW- 11B- 0900001[15], RCR-BVN-ARC-50-DRW- 11B- 0900002[14], RCR-BVN-ARC-50-DRW- 11B- 1000001[15], RCR-BVN-ARC-50-DRW- 11B- 1000002[14], RCR-BVN-ARC-50-DRW- 11B- 1100001[15], RCR-BVN-ARC-50-DRW- 11B- 1100002[14], RCR-BVN-ARC-50-DRW- 11B- 1200001[15], RCR-BVN-ARC-50-DRW- 11B- 1200002[14], RCR-BVN-ARC-50-DRW- 11C- NL00001[7], RCR-BVN-ARC-50-DRW- 11C- NL00002[6], RCR-BVN-ARC-50-DRW- 11C- NL00003[6], RCR-BVN-ARC-50-DRW- 11C- NL00004[6], RCR-BVN-ARC-50-DRW- 11D- NL00001[6], RCR-BVN-ARC-50-DRW- 11D- NL00002[6], RCR-BVN-ARC-50-DRW- 11D- NL00003[7] and RCR-BVN-ARC-50-DRW- 11D- NL00004[6].

Attachments

1. Fire safety schedule.
 2. Application form for Crown Certificate.
 3. Design Certificate for S7000 Lift Works prepared by Schindler Lifts Australia dated 18 August 2020
 4. Design Certificate for 5500AP Lift Works prepared by Schindler Lifts Australia dated 19 August 2020
 5. Design Certificate for Structural Works and referenced drawings prepared by SRG Global dated 17 July 2020
 6. Design Certificate for Acute Services Building and referenced drawings prepared by Enstruct dated 4 September 2020
 7. Design Certificate for Pneumatic Tube Works and referenced drawings prepared by Aircom Group dated 18 August 2020
 8. Design Certificate for Nurse Call & Master Clock System Works and referenced drawings prepared by Rauland Australia dated 19 August 2020
 9. Design Certificate for Medical Gases Works and referenced drawings prepared by Hoslab Projects dated 20 August 2020
 10. Design Certificate for Hydraulic Works and referenced drawings prepared by Central Plumbing dated 4 September 2020
 11. Design Certificate for External Wall Design and referenced drawings prepared by Onsite Group dated 28 August 2020
 12. Design Certificate for Electrical Comms and referenced drawings prepared by Fredon dated 2 September 2020
 13. Design Certificate for Security Works and referenced drawings prepared by Siemens dated 2 September 2020
 14. Design Certificate for Roofing Works prepared by Surface Design dated 7 September 2020
 15. Design Certificate for Fire Protection and referenced drawings prepared by Innovative Fire dated 23 September 2020
 16. Performance Testing Report of Curtain Walls prepared by SRIBS dated 19 August 2020
 17. Fire Engineering Report Rev D prepared by Arup dated 21 September 2020
 18. Section J JV3 Part J1 & J2 Report Rev G prepared by LCI dated 2 September 2020
 19. Letter regarding DA Conditions A12(c) and C51 prepared by Lendlease dated 7 September 2020
 20. Construction Traffic & Pedestrian Management Plan prepared by Lendlease dated March 2020
 21. Email Correspondence regarding Confirmation of Changes to Façade prepared by Health Infrastructure dated 30 October 2019
 22. Email Correspondence regarding DA Condition A19 prepared by PWC dated 29 May 2020
 23. Email Correspondence regarding Post Approval Document Received prepared by Health Infrastructure dated 2 June 2020
 24. Email Correspondence regarding DA Condition A19 prepared by BVN dated 16 September 2019
 25. Email Correspondence regarding DA Condition A18 prepared by BVN dated 29 January 2020
 26. Response to Condition A19 prepared by BVN dated 18 September 2019
 27. Letter regarding Satisfaction of Condition A18 prepared by Health Infrastructure dated 10 February 2020
 28. General Correspondence for DA Condition A17 prepared by PWC dated 6 July 2020
 29. Form of Submission of Response to Condition to DPIE prepared by Health Infrastructure
 30. Design Proposal for Campus Redevelopment prepared by BVN dated May 2018
 31. Plan for Roof Works prepared by BVN numbered: RCR-BVN-ARC-50-DRW-42B-1100001[4]
 32. Plan for Zone 2 Roof Works prepared by BVN numbered: RCR-BVN-ARC-50-DRW-42B-1110001[4]
 33. Technical Reference Sheet Rev 09 prepared by BVN dated 10 September 2019
 34. Plan for Façade Set Out Works prepared by Surface Design dated 18 May 2020
 35. Accessibility Performance Based Solution Report Issue D prepared by McKenzie Group Consulting (QLD) dated 2 November 2020
 36. Access Consultants Certificate prepared by McKenzie Group Consulting (QLD) dated 5 November 2020
 37. Access Design Review Rev B prepared by McKenzie Group Consulting (QLD) dated 2 November 2020
 38. Design Certificate for Architectural Works prepared by BVN dated 25 September 2020
 39. Long Service Levy Receipt prepared by Long Service Corporation dated 2 October 2020
 40. Letter regarding NCC BCA 2016 Requirements prepared by LCI dated 30 September 2020
 41. Declaration Letter for Solid Aluminium Cladding prepared by Synergy Facades
 42. Design Certificate for Mechanical Works and referenced drawings prepared by Fredon Air dated 7 October 2020
 43. Façade Performance Specifications Rev 05 prepared by Surface Design dated 21 May 2020
 44. Mechanical Services Shop Drawing Register Rev 66 dated 18 August 2020
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Certificate / Registered Certifier

Signature



Signed by: Paul Curjak

Date of Endorsement: **9 November 2020**
Certificate Number: **20/124846-8**

ATTACHMENT 1
Existing Fire Safety Schedule

N/A – new building

Proposed Fire Safety Schedule

No.	Measure	Particulars of Measure <i>(including where the requirement for the measure is set out or described i.e. in building plans or in a performance solution report)</i>
1.	Access Panels, Doors and Hoppers	BCA 2016 Amendment 1 Clause C3.13
2.	Automatic Fail Safe Devices	BCA 2016 Amendment 1 Clause D2.19 & D2.21
3.	Automatic Fire Detection and Alarm System	BCA 2016 Amendment 1 Spec. E2.2a & AS 1670.1 – 2015, AS/NZS 1668.1 – 2015 Fire Engineered Performance Solution Report 260936-00 Revision D prepared by ARUP dated 21 September 2020
4.	Automatic Fire Suppression System (sprinklers)	BCA 2016 Amendment 1 Spec. E1.5, AS 2118.1 – 2017, AS 2118.6-2012 Fire Engineered Performance Solution Report 260936-00 Revision D prepared by ARUP dated 21 September 2020
5.	Building Occupant Warning System	BCA 2016 Amendment 1 Spec. E1.5, BCA Spec. E2.2a & AS 1670.1 – 2015 – Clause 3.22
1.	Emergency Evacuation Plan	Fire Engineered Performance Solution Report 260936-00 Revision D prepared by ARUP dated 21 September 2020 and AS 3745 – 2002
2.	Emergency Lifts	BCA 2016 Amendment 1 Clause E3.4 & AS 1735.2 – 2001
3.	Emergency Lighting	BCA 2016 Amendment 1 Clause E4.2, E4.4 & AS/NZS 2293.1 – 2005 Amdt 1 & 2 Fire Engineered Performance Solution Report 260936-00 Revision D prepared by ARUP dated 21 September 2020
4.	EWIS (Sound Systems and Intercom Systems for Emergency Purpose)	BCA 2016 Amendment 1 Clause E4.9 & AS 1670.4 - 2015 & AS 4428.4-2004 Fire Engineered Performance Solution Report 260936-00 Revision D prepared by ARUP dated 21 September 2020
5.	Exit Signs	BCA 2016 Amendment 1 Clauses E4.5, NSW E4.6 & E4.8 and AS/NZS 2293.1 – 2005 Amdt 1 & 2 Fire Engineered Performance Solution Report 260936-00 Revision D prepared by ARUP dated 21 September 2020
6.	Fire Control Room	BCA 2016 Amendment 1 Spec. E1.8 Fire Engineered Performance Solution Report 260936-00 Revision D prepared by ARUP dated 21 September 2020
7.	Fire Dampers	BCA 2016 Amendment 1 Clause C3.15, AS/NZS 1668.1 – 2015 & AS 1682.1&2 - 1990
8.	Fire Doors	BCA 2016 Amendment 1 Clause C3.2, C3.4, C3.5, C3.6, C3.7 & C3.8, Spec C3.4 and AS 1905.1 – 2015
9.	Fire Hose Reel Systems	BCA 2016 Amendment 1 Clause E1.4 & AS 2441 – 2005 Amdt 1 Fire Engineered Performance Solution Report 260936-00 Revision D prepared by ARUP dated 21 September 2020
10.	Fire Hydrant Systems	BCA 2016 Amendment 1 Clause E1.3, AS 2419.1 – 2005 Amdt 1, AS 2118.6-2012 Fire Engineered Performance Solution Report 260936-00 Revision D prepared by ARUP dated 21 September 2020
11.	Fire Seals protecting fire resisting components of the building	BCA 2016 Amendment 1 Clause C3.12, C3.15, C3.16 & AS 1530.4 – 2014 and AS 4072.1-2005
12.	Lightweight Construction	BCA 2016 Amendment 1 Clause C1.8, C3.17 & AS 1530.3 – 1999
13.	Mechanical Air Handling System (zone smoke control system)	BCA 2016 Amendment 1 Clause E2.2, AS/NZS 1668.1 – 2015

		Fire Engineered Performance Solution Report 260936-00 Revision D prepared by ARUP dated 21 September 2020
14.	Mechanical Air Handling System (automatic smoke exhaust system) – Level -01 and 00	BCA 2016 Amendment 1 Clause E2.2, AS/NZS 1668.1 – 2015 Fire Engineered Performance Solution Report 260936-00 Revision D prepared by ARUP dated 21 September 2020
15.	Mechanical Air Handling System (automatic stair pressurisation system)	BCA 2016 Amendment 1 Clause E2.2, AS/NZS 1668.1 – 2015
16.	Portable Fire Extinguishers	BCA 2016 Amendment 1 Clause E1.6 & AS 2444 – 2001 Fire Engineered Performance Solution Report 260936-00 Revision D prepared by ARUP dated 21 September 2020
17.	Smoke Doors	BCA 2016 Amendment 1 Spec. C3.4
18.	Solid Core Doors	BCA 2016 Amendment 1 Clause C3.11
19.	Wall-Wetting Sprinkler and Drencher Systems	BCA 2016 Amendment 1 Clause C3.4 & AS 2118.2 – 2010 Fire Engineered Performance Solution Report 260936-00 Revision D prepared by ARUP dated 21 September 2020
20.	Warning and Operational Signs	EP&A Reg 2000 Clause 183, BCA Clause C3.6, D2.23 & E3.3
21.	Paths of Travel	EP&A Reg 2000 Clause 183, 184, 184 & 186
22.	Required Exit Doors (power operated)	BCA 2016 Amendment 1 Clause D2.19
23.	Fire Engineered Performance Solution Report	Fire Engineered Performance Solution Report 260936-00 Revision D prepared by ARUP dated 21 September 2020