



## BCA CROWN CERTIFICATE

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

<b>CERTIFICATE No.:</b>	CRO-22029
<b>DATE OF CERTIFICATE:</b>	29 April 2022
<b>SUBJECT LAND:</b>	Lot 1 & 2 DP 1228246 Lot 202 DP1176551 Lot 11 DP 826092 Lot 9 DP 826092 Lot 41 DP 1176191
<b>Address</b>	John Hunter Hospital Lookout Road, New Lambton Heights NSW 2305
<b>LOCAL GOVERNMENT AREA:</b>	Newcastle City Council
<b>APPLICANT:</b>	
<b>Name</b>	Tim MacLeod
<b>Company</b>	Multiplex Constructions Pty Ltd
<b>Address</b>	Level 23, 135 King Street, Sydney NSW 2000
<b>Phone/Email</b>	Phone: 0404 864 269 Email: Tim.MacLeod@multiplex.global
<b>OWNER:</b>	
<b>Name</b>	Health Administration Corporation
<b>Address</b>	1 Reserve Road, St Leonards NSW 2065
<b>Phone</b>	Phone: (02) 9978 5450
<b>PLANNING APPROVAL:</b>	
<b>SSD No.:</b>	SSD-9351535
<b>Date of Determination</b>	30 November 2021
<b>DESCRIPTION OF DEVELOPMENT:</b>	<b>Crown Certificate 1 (Enabling Works):</b> Comprising tree clearing, bulk excavation (ASB & Northern Access road) and mines grouting works <i>only</i> associated with the construction of an eleven storey Acute Services Building, including four levels of semi-basement parking and a rooftop helipad, refurbishment of the existing John Hunter Hospital buildings, construction of new road infrastructure and improvements to existing drop-off facilities, temporary construction access road, new pedestrian connections to the new Acute Services Building, and a link bridge to the Hunter Medical Research Institute, upgrade existing car parking facilities.
<b>BCA CLASSIFICATION:</b>	Class 3, 5, 6, 7a, 9a, 9b
<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 2019 Amendment 1, subject to the attached Conditions.</i>	
<b>CONDITIONS:</b>	As listed in Schedule 2
<b>PERSON UNDERTAKING CERTIFICATION OF DESIGN ON BEHALF OF THE CROWN:</b>	
<b>SIGNATURE</b>	
<b>Accredited Certifier in NSW Accreditation No.</b>	David Blackett BDC 0032
	Date: 29 April 2022



## SCHEDULE 1

### SCHEDULE OF DOCUMENTATION

- + Landscaping Plans prepared by Urbis, Architectural Plans prepared by BVN and Civil Plans prepared by Northrop Consulting Engineers:

DRAWING NUMBER	REV	DATE	DRAWING NUMBER	REV	DATE
LD_40-A10 00-09	A	08.10.2021	AR_40-A10 NL-X2	2	08.10.2021
CV_30-B22 NL-B1	B	15.09.2021	CV_30-B22 NL-B2	B	15.09.2021

- + Other documents:

ITEM	DOCUMENTATION	PREPARED BY	DATE
1.	Application Form	Multiplex Constructions Pty Ltd	19 April 2022
2.	Long Service Levy Receipt No. L0000046384	Long service Levy Corporation	25 March 2022
3.	Ground Water and Water Quality	Multiplex Constructions Pty Ltd	-
4.	Land Contamination Management Sub Plan	Multiplex Constructions Pty Ltd	-
5.	Site Survey	Monteath & Powys	24 August 2021
6.	Evidence of submission of the Staging report to DPE	Health Infrastructure NSW	18 March 2022
7.	Pre-Construction Dilapidation Report	Multiplex Constructions Pty Ltd	28 April 2022
8.	Submission of Pre-Construction Dilapidation Report to DPE, Asset Owners and Council	Multiplex Constructions Pty Ltd	29 April 2022
9.	Ecological Sustainability Letter	EMF Griffiths Consulting Pty Ltd	28 April 2022
10.	Erection of Cranes Plan Markup	AviPro	-
11.	HLS Notification for Cranes	AviPro	05 April 2022
12.	Construction Traffic and Pedestrian Management Sub-Plan	Stantec	27 April 2022
13.	Unexpected Finds Protocol for Contamination	Multiplex Constructions Pty Ltd	-
14.	Construction Traffic and Pedestrian Management Sub-Plan – City of Newcastle Comments	City of Newcastle	27 April 2022
15.	Construction Traffic and Pedestrian Management Sub-Plan – Multiplex response to City of Newcastle Comments	Multiplex Constructions Pty Ltd	27 April 2022
16.	Construction Traffic and Pedestrian Management Sub-Plan – Evidence of consultation with City of Newcastle	Multiplex Constructions Pty Ltd	27 April 2022
17.	Construction Traffic and Pedestrian Management Sub-Plan – Evidence of consultation with TfNSW	Multiplex Constructions Pty Ltd	27 April 2022
18.	Construction Traffic and Pedestrian Management Sub-Plan – Information Flyer	Health Infrastructure NSW	April 2022
19.	Post Approval Form	Health Infrastructure NSW	-
20.	Acoustic Letter	Acoustic Logic Pty Ltd	27 April 2022
21.	Submission of Neighbourhood Notification to Health Infrastructure NSW	APP Corporation Ltd	28 April 2022
22.	Letter Distribution Map	APP Corporation Ltd	-
23.	Erosion & Sediment Control Details – CV_4Z-G20 NL-E2	Northrop Consulting Engineers Pty Ltd	28 April 2022
24.	Erosion & Sediment Control Notes – CV_4Z-Z20 NL-E3	Northrop Consulting Engineers Pty Ltd	28 April 2022
25.	Erosion & Sediment Control Plan – CV_40-B20 NL-E1	Northrop Consulting Engineers Pty Ltd	28 April 2022
26.	Civil Design Certificate – Erosion & Sediment Control	Northrop Consulting Engineers Pty Ltd	28 April 2022



27.	Geotechnical Engineer Report (excerpt regarding Acid Sulfate Soils)	RCA Australia	08 April 2021
28.	Geotechnical Report	RCA Australia	08 April 2021
29.	Construction Environmental Management Plan	Multiplex Constructions Pty Ltd	11 April 2022
30.	Construction Noise and Vibration	Acoustic Logic Pty Ltd	08 April 2022
31.	Construction Waste Management Sub Plan	Multiplex Constructions Pty Ltd	-
32.	Erosion and Sediment Control Details – CV_3Z-G11 NL-E2	Northrop Consulting Engineers Pty Ltd	15 September 2021
33.	Erosion and Sediment Control Plan – CV_30-B20 NL-E1	Northrop Consulting Engineers Pty Ltd	15 September 2021
34.	Evidence of receipt of CEMP and Sub Plans	The Department of Planning & Environment	14 April 2022
35.	Evidence of receipt of Post Approval Document	The Department of Planning & Environment	07 April 2022
36.	Post Approval Form 20220407002726	Health Infrastructure NSW	-
37.	Post Approval Form 20220414031230	Health Infrastructure NSW	-
38.	Evidence of receipt of Post Approval Document	The Department of Planning & Environment	07 April 2022
39.	Notice of Determination	Subsidence Advisory NSW	01 October 2021
40.	Stamped Plans	Subsidence Advisory NSW	01 October 2021
41.	SSD-9351535 Conditions of Consent	NSW Department of Planning, Industry & Environment	30 November 2021
42.	SSD-9351535 Notice of Decision	NSW Department of Planning, Industry & Environment	30 November 2021
43.	SSD-9351535 Approved Plans	NSW Department of Planning, Industry & Environment	30 November 2021
44.	SSD-9351535 Assessment Report	NSW Department of Planning, Industry & Environment	November 2021



## 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 Development Consent. 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 BCA Assessment Report (DD) Revision 3 dated 31 March 2022.
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 Crown Certificate 1 (enabling works).
7. 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.
8. 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.
9. 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.
10. 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.
11. The head contractor is to ensure the proposed development is carried out in accordance with the Notice of Determination issued by the Subsidence Authority Application No: TBA21-03653 dated 1 October 2021.

#### 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.
2. The head contractor is to obtain any relevant Building Plan Approvals required by Hunter Water



### SCHEDULE 3

#### FIRE SAFETY SCHEDULE

Issued under Section 78 of the Environmental Planning and Assessment Regulation 2021

<b>ADDRESS:</b>	John Hunter Hospital Lookout Road, New Lambton Heights NSW 2305
<b>OWNER</b>	Health Administration Corporation
<b>BCA CROWN CERTIFICATE No.:</b>	CRO-22029

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 and Manufacturer's specifications	✓	✓
Alarm Signalling Equipment	AS 1670.3 – 2018	✓	✓
Automatic Fail-Safe Devices	BCA Clause D2.21 DRAFT FER by AECOM	✓	✓
Automatic Fire Detection & Alarm System	BCA Spec. E2.2a & AS 1670.1 – 2018	✓	✓
Automatic Fire Suppression Systems (Sprinklers)	BCA Spec. E1.5 & AS 2118.1 – 2017 & AS 2118.6 – 2012 DRAFT FER by AECOM	✓	✓
Emergency Lifts	BCA Clause E3.4 & AS 1735.2 – 2001	✓	✓
Emergency Lighting	BCA Clause E4.4 & AS 2293.1 – 2018	✓	✓
Emergency Evacuation Plan	AS 3745 - 2010	✓	✓
Exit Signs	BCA Clauses E4.5, E4.6 & E4.8; and AS 2293.1 – 2018	✓	✓
Fire Control Centre (Note building currently under 50m based on information provided – TBC)	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, C3.7, C3.8 & C3.11; and AS 1905.1 – 2015 and manufacturer's specification	✓	✓
Fire Hose Reels	BCA Clause E1.4 & AS 2441 – 2005 DRAFT FER by AECOM	✓	✓
Fire Hydrant Systems	Clause E1.3 & AS 2419.1 – 2017 & AS 2118.6 – 2012 DRAFT FER by AECOM	✓	✓
Fire Seals	BCA Clause C3.15, AS 1530.4 2005 & AS 4072.1 – 2005 and manufacturer's specification	✓	✓
Lightweight Construction	BCA Clause C1.8 & AS 1530.4 – 2014 and manufacturer's specification	✓	✓



Statutory Fire Safety Measure	Design / Installation Standard	Existing	Proposed
Mechanical Air Handling Systems (automatic shutdown)	BCA Clause E2.2, AS/NZS 1668.1 – 2015 & AS 1668.2 – 2012 DRAFT FER by AECOM	✓	✓
Paths of Travel	EP&A Regulation Clause 186	✓	✓
Portable Fire Extinguishers	BCA Clause E1.6 & AS 2444 – 2001 DRAFT FER by AECOM	✓	✓
Pressurising Systems	BCA Clause E2.2 & AS/NZS 1668.1 – 2015	✓	✓
Required Exit Doors (power operated)	BCA Clause D2.19(b)	✓	✓
Smoke Hazard Management Systems (zone smoke control)	BCA Part E2 & AS/NZS 1668.1 – 2015	✓	✓
Smoke Dampers	AS/NZS 1668.1 – 2015	✓	✓
Smoke Doors	BCA Spec C3.4 & C2.5 DRAFT FER by AECOM	✓	✓
Emergency Warning and Intercom System (EWIS)	BCA E4.9, Clause 5 of BCA Spec G3.8 and AS1670.4-2018 DRAFT FER by AECOM	✓	✓
Stand-by Power Systems	BCA Clause E1.3, E3.4, E4.2 & E4.5; and AS 3000	✓	✓
Wall-Wetting Sprinklers	BCA Clause C3.4 & AS 2118.2 – 2010	✓	✓
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	✓	✓

\*Note: The above schedule will be subject to change as part of future Crown Certificate stages and finalisation of Fire Engineering Strategies.



## **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.