



BCA CROWN CERTIFICATE

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

CERTIFICATE NO.:	CRO-18074
DATE OF CERTIFICATE:	12 December 2018
SUBJECT LAND:	Lot 1 DP 830420
Lot & DP	
Address	3B Smalls Road Ryde NSW 2112
LOCAL GOVERNMENT AREA:	City of Ryde
APPLICANT:	
Name	Mr David Philpott
Company	NSW Department of Education
Address	Level 8, 259 George Street Sydney 2000
Phone/Email	Phone: 02 8275 2227 Mobile: 0414 242 771 Email: David.philpott1@det.nsw.edu.au
OWNER:	
Name	NSW Department of Education
Address	Level 8, 259 George Street Sydney 2000
PLANNING APPROVAL (WHERE APPLICABLE):	
DA / REF No.:	SSD 8372
Date of Determination	2 November 2018
DESCRIPTION OF DEVELOPMENT:	Construction of a new three (3) storey educational building containing: staff offices, staff room and amenities, library, communal hall, canteen, OOSH, Sport & PE store, new external on-grade carpark, student homebases (classrooms) and COLA
BCA CLASSIFICATION:	Class 5 & 9b
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
BPB0241

Date: 12 December 2018



SCHEDULE 1

SCHEDULE OF DOCUMENTATION

+ Architectural Plans prepared by Conrad Gargett:

DRAWING NUMBER	REV	DATE	DRAWING NUMBER	REV	DATE
SR-01-DD-AR-DR-1001	F	13.08.2018	SR-01-DD-AR-DR-2100	F	31.05.2018
SR-01-DD-AR-DR-2101	F	31.05.2018	SR-01-DD-AR-DR-2102	F	31.05.2018
SR-01-DD-AR-DR-2410	C	11.05.2018	SR-01-DD-AR-DR-2411	C	11.05.2018
SR-01-DD-AR-DR-2412	D	31.05.2018	SR-01-DD-AR-DR-2413	D	31.05.2018
SR-01-DD-AR-DR-2414	C	11.05.2018	SR-01-DD-AR-DR-2415	D	31.05.2018
SR-01-DD-AR-DR-3000	C	11.05.2018	SR-01-DD-AR-DR-3001	D	31.05.2018
SR-01-DD-AR-DR-3002	C	11.05.2018	SR-01-DD-AR-DR-3003	F	15.06.2018
SR-01-DD-AR-DR-3500	C	11.05.2018	SR-01-DD-AR-DR-3501	C	11.05.2018
SR-01-DD-AR-DR-9000	D	11.05.2018	SR-01-DD-AR-DR-9001	D	11.05.2018

+ Other documents:

ITEM	DOCUMENTATION	PREPARED BY	DATE
1.	Application Form	NSW department of Education	11 July 2018
2.	Site Survey	RPS	18 December 2016
3.	Architectural Specification Rev D	Conrad Gargett Pty Ltd	31 May 2018
4.	Non- Combustibility Statement	Conrad Gargett Pty Ltd	15 October 2018
5.	Timber Statement	Conrad Gargett Pty Ltd	15 October 2018
6.	Water Penetration Prevention Performance Solution	Conrad Gargett Pty Ltd	25 October 2018
7.	Hydraulic Design Certificate	Wood & Grieves Engineers	9 November 2018
8.	Electrical Design Certificate	Wood & Grieves Engineers	9 November 2018
9.	Fire Engineering Report Rev. 03	Wood & Grieves Engineers	10 July 2018
10.	Statement of Available Pressure 7 Flow	Sydney Water	16 February 2018
11.	Vertical Transportation Design Certificate	Wood & Grieves Engineers	19 November 2018
12.	Statement acknowledging Fire Engineering Report	NSW department of Education	26 July 2018
13.	Statement confirming Fire Engineering Report	NSW department of Education	26 July 2018
14.	DD Stage Access Report	Morris Goding Accessibility Consulting	29 November 2018
15.	Mechanical Plant & Equipment Design Statement	TTM Consulting Pty Ltd	5 November 2018
16.	Section J Compliance Report Rev.C	Conrad Gargett Pty Ltd	November 2018
17.	Evidence of submission of the Dilapidation Report to Council	Coffey	12 November 2018
18.	Community Communication Strategy	NSW department of Education	November 2018
19.	Construction Environmental Management Plan	Richard Crookes Construction	2 November 2018
20.	Traffic Management Plan	Richard Crookes Construction	18 October 2018
21.	Construction Noise & Vibration Management Plan	TTM Consulting Pty Ltd	7 August 2017
22.	Construction Waste Management Plan	Richard Crookes Construction	18 October 2018
23.	Construction Soil & Water Management Plan	SCP Consulting Pty Ltd	12 November 2018



24.	Civil/Stormwater Design Certificate	MYD Consulting Engineers	4 December 2018
25.	Rainwater Harvesting Statement	Wood & Grieves Engineers	4 December 2018
26.	Structural Design Certificate	MYD Consulting Engineers	4 December 2018
27.	Mechanical Design Certificate	Wood & Grieves Engineers	3 December 2018
28.	Waste Collection Confirmation Email	School Infrastructure NSW	4 December 2018
29.	Ausgrid Network Connection Letter	Ausgrid Contestability section	22 November 2018
30.	Construction Traffic and Pedestrian Management Sub-Plan	Taylor Thomson Whitting (NSW) Pty Ltd	4 December 2018
31.	Acoustic Statement	TTM Consulting Pty Ltd	5 November 2018
32.	Bike Parking Statement	Conrad Gargett Pty Ltd	3 December 2018
33.	Refuse Vehicle Swept Path Compliance Statement	TTM Consulting Pty Ltd	12 December 2018



SCHEDULE 2

CONDITIONS OF BCA CROWN CERTIFICATE

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

1. 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 Revision 1 dated April 2018.
2. This Crown Certificate does not certify compliance with all conditions of Development Consent. The Crown is to be satisfied that the conditions of development consent that are a pre-requisite to commencement have been appropriately addressed where relevant.
3. All building works associated with the subject development are to be carried out in accordance with the approved documentation listed above in Schedule 1.
4. 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.
5. The development shall comply with the accessibility report from Morris Goding Accessibility Consulting dated 29 November 2018.

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: 3B Smalls Road, Ryde NSW 2112
OWNER NSW Department of Education
BCA CROWN CERTIFICATE No.: CRO-18074

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 and Manufacturer's specifications	✓
Alarm Signalling Equipment	AS 1670.3 – 2004	✓
Automatic Fire Detection & Alarm System	BCA Spec. E2.2a & AS 1670.1 – 2015	✓
Building Occupant Warning System	BCA Clause 3.22 of AS 1670.1 – 2015	✓
Emergency Lighting	BCA Clause E4.4 & AS 2293.1 – 2005	✓
Exit Signs	BCA Clauses E4.5, E4.6 & E4.8; and AS 2293.1 – 2005	✓
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 & D1.8; and AS 1905.1 – 2015 and manufacturer's specification	✓
Fire Hose Reels (no-classroom areas)	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 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	✓
Portable Fire Extinguishers	BCA Clause E1.6 & AS 2444 – 2001	✓
Warning & Operational Signs	Section 183 of the EP&A Regulation 2000, AS 1905.1 – 2015, BCA Clause D2.23, D3.6, E3.3	✓
Fire Engineered Performance Solutions: <ul style="list-style-type: none"> + To permit the omission of fire-rating the external columns supporting the roof above the assembly area to achieve the required 120/-/- as per Specification C1.1; + To permit the stairway which connects 3 storeys to be constructed without a fire isolating shaft; + To permit travel distances to extend up to: -Ground Floor – Distance to a point of choice between 	BCA Performance Requirements CP1, CP2, DP4, DP5, EP1.3 & EP2.2. Fire Safety Engineering Report prepared by Wood & Grieves Engineering, Report No.30127-2 Revision 3 dated 10 July 2018.	✓



<p>alternative exits from the KLA Resource Room (G-01) is up to 25 m in lieu of the maximum 20 m permitted.</p> <p>-Level 1 - Distance to an alternative exit from Homepage (1- 55), Special Program room (1- 02), and COLA (X1-01) is up to 46 m in lieu of the maximum 40 m permitted.</p> <p>-Level 2 - Distance to an alternative exit from Homepage (2- 03), Homepage (2-39) and COLA (X2-01) is up to 45 m in lieu of the maximum 40 m permitted.</p> <p>+ To permit the following extended travel distances to an exit:</p> <ul style="list-style-type: none">-Ground Floor - up to 81 m-Level 1 - up to 80 m-Level 2 - up to 75 m; <p>+ To permit the cavity between Level 1 and 2 inside the external Compressed Fibre Cement (CFC) cladding (35 mm gap), is proposed to be protected by an intumescent bar (TBA Firefly Rainbar 60 for up to 50 mm gaps) which has been tested to achieve an FRL of at least - /60/- minutes in lieu of the 120 minutes between floors required by the BCA DTS provisions;</p> <p>+ To permit the access to the fire pump room not to be fire-isolated.</p>		
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SCHEDULE 4

INSPECTION REQUIREMENTS

REQUIRED INSPECTIONS

Please ensure that our office is contacted to undertake the following inspections throughout the construction program:

- + 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.