

Issued under Environmental Planning & Assessment Act 1979 – Part 6 Division 6.8 Section 6.28 (2),  
Environmental Planning & Assessment Regulation 2000 – Part 13

Certificate Number: 20000325 / 3

## Section A The Application

### 1. Details of the Applicant

Name: NSW Department of Education, School Infrastructure NSW  
Address: Level 8, 259 George Street Sydney NSW 2000  
Phone: 0436 457 455  
Email: Robin.Roy@det.nsw.edu.au  
Application Number: 19000313

### 2. Details of the property

Unit / Street Number: 100  
Street Name: Eton Road  
Suburb & Postcode: Lindfield  
Title Particulars (Lot & DP/SP): Lot 2 & 4 / DP 1151638

### 3. Description of the proposed development subject of this Crown Approval Certificate

SSDA - the whole development for stage 2a, 2b and 2c (excluding Biodiversity, Public Domain, and Performance Solution Reports for Fire Engineering and Accessibility).

### 4. Estimated cost of works

Confidential

### 5. Development Consent (If applicable)

Development Consent No.: SSD 8114 Linfield Learning Village  
Date Development Consent issued: 21 Nov 2020  
Name of Consent Authority: Department of Planning & Environment

### 6. Date application for the Crown Approval Certificate was made

CC Application received: 9 November 2020

## Section B Certifying Authority

Name: Mike Gooley Accreditation No.: BDC - 0143  
Entity: Modern Building Consultants Pty Ltd trading as Modern Building  
Certifiers (ACN 165 354 218)  
Phone: 02 9939 1530  
Email: info@mbc-group.com.au  
Address: Suite 3 / 18 Sydney Road Manly NSW 2095

## Section C Building Classification

Class of the proposed building/s under the Building Code of Australia

9b

## Section D Attachments

Refer to Appendix A for the Attachments for this Crown Approval Certificate

## Section E Attachments

Refer to Appendix B for the Fire Safety Schedule for this Crown Approval Certificate

## Section F Date of issue

Date of issue of this Certificate: 24 Nov 2020

## Section G Certification

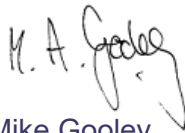
I certify that work completed in accordance with the documentation accompanying the application for this certificate (with such modifications, if any, verified by me as may be shown on that documentation) will comply with the technical provisions of the State's building laws, those being the regulations. Refer to conditions attached to this crown certificate.

The development is to be carried out in compliance with the following plans and documentation listed below and endorsed by Modern Building Certifiers.

|  |
|--|
| LLV-Door schedule H - 13.11.2020                               |
| Architectural drawings prepared by NBRS (crown certificate 01) |
| 201117 NBRS Daylight Analysis Schedule                         |
| Daylight Analysis Plans  |

## Section H Signature

Signature:



Signed by:

Mike Gooley

Accreditation No.

BDC0143

Date of endorsement:

24 November 2020

Certificate Number:

20000325 / 2

## APPENDIX A - 20000325 / 3

### Attachments

- Application Form - Crown Approval (SSDA - CC01) dated 9 Nov 2020
- Access Report prepared by Code Consulting (Revision 02 dated 17 November 2020)
- Architectural Specifications
- DDA Design Statement prepared by NBRS Architecture dated 19 Nov 2020
- BCA Assessment Report dated 27 Oct 2020
- E-Memo from MBC - Natural Lighting to Classrooms - 191120
- Crown Certificate- Natural Lighting to Classrooms - Confirmation from Dept of Education dated 23 Nov 2020
- Bushfire Design Fire Engineering Report by Stephen Grubits & Associates dated 30 Sept 2020
- Bushfire Emergency and Evacuation Plan prepared by Blackash dated 14 October 2020
- Bushfire Design Statement by NBRS Architecture dated 20 Oct 2020
- Design and Construction for Bush Fire\_statement (Condition A20) by Erbas dated 16 Oct 2020
- Condition D10 - Demolition Documentation
- Condition B14 - Construction Noise & Vibration Management Sub-Plan
- Condition B15 - Construction and Waste Management Plan
- Condition B17 - Bushfire Emergency Management and Evacuation Plan by Blackash dated Oct 2020
- Condition B17 - Construction Bushfire Protection (draft) by Stephen Grubits Associates dated 20 May 2020
- Condition B17 - documentation to satisfy condition
- Condition B17 - Flood Emergency Management Plan
- Condition B18 - Construction Soil and Water Management Sub-Plan
- Condition B21 - Operational Noise - Design of Mechanical Plant and Equipment
- Condition B26 - Documentation to satisfy conditions
- Condition B26 - Operational Waste Storage and Processing Documentation
- Condition B26 - Documentation to satisfy conditions
- Condition B27 - Construction Traffic and Pedestrian Management Sub-Plan
- Condition B30 - Operational Carparking and Service Vehicle Arrangement documentation
- Condition B35 - Arborist Appointment
- Condition A25, A26, A27, A28, A29, A30, A31, A32, B11 and B12
- Condition B12 - Appendix A- EMP Preparation Checklist
- Condition B12 - Lindfield Environmental Management and Sustainability Plan\_141020
- Condition B4 - Condition Satisfaction Table\_(B04)-DRAF
- Condition B4 - External Wall System Disclosure Statement
- Passenger Lifts Design Statement prepared by Erbas dated 10 Sept 2020
- Dilapidation Report No.AD3395-5 - Administration Building - prepared by Kimberly Keen of AusDilaps dated 8 Sep 2020
- Dilapidation Report No.AD3395A - Council Assets- prepared by Allison Thibodeaux of AusDilaps dated 03 Sep 2020
- Dilapidation Report No.AD3395B-1 - Block 1 - prepared by Jen McCann of AusDilaps dated 04 Sep 2020
- Dilapidation Report No.AD3395B-4 - Block 3 - prepared by Allison Thibodeaux of AusDilaps dated 07 Sep 2020
- Dilapidation Report No. AD3395B-2 - Gym Block - prepared by Kimberly Keen of AusDilaps dated 04 Jan 2020
- Dilapidation Report No.AD3395B-3 - Block 2 - prepared by Jen McCann of AusDilaps dated 07 Sep 2020
- Dilapidation Report No.AD3395B-6 -8Blair Wark VC Community Centre - prepared by Allison Thibodeaux of AusDilaps dated 08 Sep 2020

- Dilapidation Report No.AD3395B-7 - Block 4 - prepared by Allison Thibodeaux of AusDilaps dated 08 Sep 2020
- Electrical Design Certificate by Erbas dated 15 Sept 2020
- Fire Design Statement prepared by Erbas dated 10 Sept 2020
- Lindfield\_web snapshot of Certifiers registrations
- Hydraulic Design Statement prepared by Erbas dated 10 Sept 2020
- Mechanical Design Statement prepared by Erbas dated 10 Sept 2020
- SSDA Condition B10 - Structural design certificate in relation to the Demolition Management Plan prepared by Birzulis Associates Pty Ltd dated 14 October 2020
- Structural design drawings by Birzulis Associates
- Structural Design Certificate by Birzulis Associates Pty Ltd dated 10 Sept 2020
- Civil Engineering Design Certificate by Birzulis Associates Pty Ltd dated 30 Oct 2020
- Civil Engineering Design Drawings by Birzulis Associates Pty Ltd
- Condition B4 - Supporting Documentation for Non-Combustible External Walls
- Architectural Design Statement by NBRS Architecture dated 10 Nov 2020
- Condition B4 - External Wall System Disclosure Statement
- Certificate of Conformity (Certificate No. CM40221-I01-R03) Exotec Facade Panel and Fixing System
- LLV Stage 2\_NBRS Drawing Report
- ExoTec Facade Panel and Fixing System CodeMark 02072019
- James Hardie Product Statement
- External Walls - Disclosure Statement - signed by NBRS
- Linfield Learning Village - Interim Fire Safety Certificate dated 30 April 2019
- Receipt for payment of Long Service Levy dated 22 Oct 2020
- Lindfield Learning Village - Stage 2 & 3 NCC Section J (JV3 Report) by Erbas dated 4 November 2020

## APPENDIX B

### Fire Safety Schedule

(Pursuant to Clause 168 of the Environmental Planning and Assessment Regulation 2000)

# FIRE SAFETY SCHEDULE - LLV PHASE 1

| Fire Safety Measures   | Status* | Minimum Standard of Performance  |
|--|---------|--|
| Access panels and doors to fire resisting shafts   | E       | BCA2016 Clause C3.13   |
| Automatic fire detection and alarm system  | E       | BCA2016 Clause E2.2a, Clause 4, 5 & 6 of Specification E2.2a and ASI 670.1-2015 & Fire Engineering Report prepared by Affinity Fire Engineering, report no. 162130_FER_05, Revision B, dated 21/3/19                         |
| Automatic fire suppression system (sprinkler system)   | E       | BCA2016 Clause E1.5, AS2118.1-1999 & Fire Engineering Report prepared by Affinity Fire Engineering, report no. 162130_FER_05, Revision B, dated 21/3/19  |
| Automatic fail safe device (automatic closing device to certain fire doors)                                    | E       | BCA2016 Clause C3.5 (b)  |
| Automatic fail safe device (fail-safe devices to unlock doors to woodwork and kitchen from corridor in Zone A) | E       | BCA2016 Clause D2.21   |
| Automatic fail safe device (fail-safe devices to unlock doors of main entry and lobby at Level 5)              | E       | BCA2016 Clause D2.21   |
| Drencher protected glazing (Level 6, Zone C store room)  | E       | Tyco Data Sheet (APPENDIX F) Section 2 in AS4118.2.1:1995 AS2419.1 :2005 & Fire Engineering Report prepared by Affinity Fire Engineering, report no. 162130 FER_05, Revision B, dated 21/3/19                                |
| Emergency lighting   | E       | BCA2016 Clauses E4.2 & E4.4, AS2293.1-2005   |
| Exit signs   | E       | BCA2016 Clauses E4.5, E4.6 & E4.8, AS2293.1.2005   |
| Fire dampers   | E       | BCA2016 Clause C3.15, Specification C3.15, Clause E2.2, AS 1530.4-2014, AS/NZS1668.1.2015, AS1682.1 & 2 & Fire Engineering Report prepared by Affinity Fire Engineering, report no. 162130_FER_05, Revision B, dated 21/3/19 |
| Fire doors   | E       | BCA2016 Specification C3.4, ASI 905.1-2015   |

|   |   |   |
|---|---|---|
| Fire hose reel system   | E | BCA2016 Clause E1.4, AS2441-2005 & Fire Engineering Report prepared by Affinity Fire Engineering, report no. 162130 FER 05, Revision B, dated 21/3/19   |
| Fire hydrant system   | E | BCA2016 Clause E1.3, AS2419.1-2005 & Fire Engineering Report prepared by Affinity Fire Engineering, report no. 162130 FER 05, Revision B, dated 21/3/19   |
| Fire seals protecting openings in fire resisting components of the building   | E | BCA2016 Clause C3.15 & Specification C3.15  |
| Lightweight fire-rated construction<br>(Promatex 250 covering to structural columns and beams in Auditorium) (Cafc0300 spray to Auditorium structural steel under stage and to plenum)<br>(Trafalgar BH3-120 Maxilite board enclosure to cable tray within Level 3 carpark)<br>(Fire-rated plasterboard wall systems) | E | BCA2016 Clause / Specification C1.8, ASI 530.4 & Manufacturer's installation instructions   |
| Mechanical air handling systems<br>Automatic shutdown of air-handling systems   | E | BCA2016 NSW Table E2.2b, Clause 5 of Specification E2.2a & AS 1670.1-2015   |
| Mechanical air handling systems<br>Smoke exhaust system to Performing Arts Auditorium fire compartment  | E | BCA2016 NSW Table E2.2b, Specification E2.2b & AS/NZS1668.1-2015  |
| Paths of travel, stairways, passageways or ramps  | E | BCA2016 Section D & EP&A Regulation 2000 Clause 184 to 186  |
| Portable fire extinguishers   | E | BCA2016 Clause E1.6, AS2444-2001 & Fire Engineering Report prepared by Affinity Fire Engineering, report no. 162130 FER 05, Revision B, dated 21/3/19   |
| Required automatic exit doors   | E | BCA2016 Clause 02.19  |
| Sound system and intercom systems for emergency purposes (EWIS)   | E | BCA2016 Clause E4.9, ASI 670.4-2015 & Fire Engineering Report prepared by Affinity Fire Engineering, report no. 162130 FER 05, Revision B, dated 21/3/19  |
| Smoke dampers   | E | BCA2016 Clause E2.2(b), Clause 7.5 of AS 1670.1   |
| Warning and operational signs <ul style="list-style-type: none"> <li>• signs on fire doors</li> <li>• fire exit signs</li> <li>• Lift warning signage</li> <li>• Signage to mechanical fire dampers in Zones A &amp; E</li> </ul>   | E | BCA2016 Clause D2.23 EP&A Regulation 2000 Clause 183<br>BCA2016 Clause E3.3<br>Fire Engineering Report prepared by Affinity Fire Engineering, report no. 162130 FER 05, Revision B, dated 21/3/19 |
| Building Management Plan  | E | Fire Engineering Report prepared by Affinity Fire   |

**Notes**

\* Indicate whether the measure is new (N), existing (E) or Modified (M)

\*\* Date (DD-MM-YY) measure was assessed by a properly qualified person

## FIRE SAFETY SCHEDULE – LLV PHASE 2

| Fire Safety Measures                             | Status* | Minimum Standard of Performance   |
|--|---------|---|
| Access panels, doors to fire-resisting shafts    | N       | BCA 2019 Clause C3.13, AS 1905.1-2015, AS1905.2-2005.   |
| Automatic fail-safe devices                      | N       | BCA 2019, D2.21, clause C3.5 (b) and AS 1670.1-2018   |
| Automatic fire detection and alarm system        | N       | BCA 2019 Clause E2.2a, Spec. E2.2a, and AS 1670.1-2018  |
| Automatic fire suppression system                | N       | BCA 2019, Spec. E1.5, Spec. E2.2, AS 2118.1- 2017   |
| Emergency evacuation procedures                  | N       | Clause 43 of the Work Health & Safety Regulation 2011   |
| Emergency lighting                               | N       | BCA 2019 Clause E4.2, E4.3 E4.4, AS 2293.1-2005   |
| Exit and directional signage                     | N       | BCA 2019 Clause E4.5, NSW E4.6 & E4.8, Spec E4.8 and AS 2293.1-2005,  |
| Emergency warning and intercommunication systems | N       | BCA 2019 Clause E4.9, AS 1670.4-2018  |
| Fire control centres                             | N       | BCA 2016 Clause E1.8, Spec E1.8   |
| Fire dampers                                     | N       | BCA 2019 Clause E2.2, C2.5, C3.12, C3.15, Spec E1.8, Spec E2.2, Spec C2.5, AS/NZS 1668.1-2015, AS 1682.1-2015, AS 1682.2-2015 |
| Fire doors                                       | N       | BCA 2019 Clause C2.12, C2.13, C3.4, C3.6, C3.8, Spec C3.4, AS 1905.1-2015   |
| Fire hose reel systems                           | N       | BCA 2019 Clause E1.4,   |



|  |   |  |
|--|---|--|
|  |   | AS 2441-2005   |
| Fire hydrant systems   | N | BCA 2019 Clause C2.12, E1.3,<br>AS 2419.1-2005   |
| Fire seals (protecting openings and service penetrations in fire resisting components of the building) | N | BCA 2019 Clause C3.12, C3.15, Spec C3.15,<br>AS 4072.1-2005, AS 1530.4-2014, Manufacturer's specifications |
| Fire Shutters  | N | BCA 2019, Clause D1.7, C3.4 and spec. C3.4   |
| Fire windows (including frame)   | N | BCA 2019 Clause C3.4, BCA Spec C3.4,<br>AS 1288-2006   |
| Lightweight construction   | N | BCA 2019 Clause C1.8, Spec A2.3, Spec C1.8,<br>Manufacturer's specifications                               |
| Mechanical air handling systems  | N | BCA 2019 Clause C2.3, E2.2, Spec. E1.8,<br>Spec E2.2a, Spec G3.8,<br>AS/NZS 1668.1-2015,<br>AS 1668.2-2012 |
| Openings in fire-isolated lift shafts  | N | BCA 2019 Clause C3.10,<br>AS 1735.11-1986  |
| Path of travel for stairways, passageway and ramps   | N | Clauses 183-186 of the Environmental Planning and Assessment Regulation 2000                               |
| Portable fire extinguishers  | N | BCA 2019 Clause E1.6 and AS 2444-2001  |
| Required automatic exit doors  | N | BCA 2019 Clause D2.19, D2.21   |
| Sound systems and intercom systems for emergency purposes  | N | BCA 2019 Clause E4.9, G3.8,<br>AS 1670.4-2015  |
| Wall wetting sprinkler and drencher systems  | N | BCA 2019 Clause C3.4, Spec G3.8,<br>AS 2118.2-2010   |

|   |   |   |
|---|---|---|
|   |   |   |
| Warning and operational signs   | N | BCA 2016 Clause C3.6, D2.23, E3.3, Spec E1.8, Clause 183 of the Environmental Planning and Assessment Regulation 2000 |
| Fire Safety Schedule will be updated for Crown Certificate 02 to incorporate reference Fire Engineering Report for the development. |   |   |

**Notes**

\* Indicate whether the measure is new (N), existing (E) or Modified (M)

\*\* Date (DD-MM-YY) measure was assessed by a properly qualified person

## **APPENDIX C**

### Conditions of NCC (BCA 2019) Crown Certificate:

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

1. No approval is given nor implied for the construction of works beyond the scope specifically approved by this Crown Certificate.
2. All building works associated with the subject development are to be carried out in accordance with the approved documentation listed above in Appendix A. Any departure from the documentation cannot be undertaken without the review and approval by MBC.
3. Where there is any conflict between the Design Documentation and the advice provided by MBC, the advice issued takes precedence unless approved by MBC.

### **BCA Compliance Conditions:**

4. The building is required to be designed in accordance with Table 3 of Specification C1.1 of the Building Code of Australia 2019. The building is required to be Type A Construction;
5. Building elements must be non-combustible in accordance with C1.9 of the BCA;
6. Fire wall construction will comply with Clause C2.7 and Specification C1.1 of the BCA;
7. Materials, floor and wall linings/coverings, surface finished, and air-handling ductwork and insulation used in the works will comply with the fire hazard properties of Clause C1.10, NSW Clause C1.10, Specification C1.10 and NSW Specification C1.10 of BCA;
8. Equipment must be separated in accordance with Clause C2.12 of BCA;
9. Any electricity substation and any main switch room sustaining emergency equipment required to operate in emergency mode, must be separated from the remaining building with construction having an FRL 120/120/120 and provided with self-closing -/120/130 fire doors in accordance with Clause C2.13 of BCA;
10. Services penetrating elements required to possess an FRL including the floor slabs, walls, shafts, etc. must be protected in accordance with Clause C3.12, C3.13 and C3.15 and Specification C3.15 of BCA;
11. The top and bottom of the fire rated shafts must achieve an FRL not less than the FRL required for the walls of the shaft in accordance with Clause 2.7 of Specification C1.1 of BCA;
12. The dimensions of exits and paths of travel to exits must be provided in accordance with Clause D1.6 of BCA, other than where BCA compliance is achieved via a Performance Solution;
13. The construction of EDB's and telecommunications distribution boards must be in accordance with Clause D2.7 of BCA with the enclosure bounded by non-combustible construction or fire protective covering and smoke seals provided around the perimeter of the non-combustible doors and any openings sealed with non-combustible mastic to prevent smoke spreading from the enclosure.
14. New handrails and balustrades to all stairs and throughout the building must be in accordance with Clause D2.16, D2.17 and D3.3 of BCA;
15. Waterproofing of all wet areas to the building must be carried out in accordance with Clause F1.7 of BCA 2019 and AS3740;
16. Damp proofing of the proposed structure must be carried out in accordance with Clause F1.9 and F1.10 of BCA;

### **Structural Elements:**

17. The material and forms of construction for the proposed works must be in accordance with Clause B1.2, B1.4 and B1.6 of BCA 2019 as follows:
  - Dead and Live Loads – AS1170.1
  - Wind Loads – AS1170.2;
  - Earthquake actions – AS1170.4
  - Concrete Construction – AS3600;
  - Steel Construction AS4100;
  - Aluminium Construction – AS/NZS1664.1 or 2
18. The FRL's of the structural elements for the works must comply with Table 3 of Specification C1.1 of BCA 2019 for a building of Type A Construction;
19. The lift shaft must have an FRL in accordance with Clause C2.10 and Specification C1.1 of BCA;
20. Lightweight construction used to achieve required fire resistance levels must comply with Specification C1.8 of BCA;
21. The construction joints to the structure must be in accordance with Clause C3.16 of BCA to maintain the FRL integrity of the elements

### **Passenger Lifts:**

22. New lifts must be provided with stretcher facilities in accordance with Clause E3.2 of BCA and must be capable of accommodating a stretcher with a patient lying horizontally by providing a clear space not less than 600mm wide x 2000mm long x 1400mm high above the floor level;
23. Passenger lifts must be installed/upgraded to comply with Part E3 of the BCA and reference Australian Standards;
24. Access and egress to the lift well landings must comply with the Deemed-to-Satisfy Provisions of D3 of the BCA, and must be suitable to accommodate disabled persons;
25. The type of lifts must also be suitable to accommodate persons with a disability in accordance with Clause E3.6, Table E3.6a, and must have accessible features in accordance with Table E3.6b of BCA;

### **Electrical Services:**

26. New artificial lighting must be installed in accordance Clause F4.4 of BCA 2019 and AS/NZS 1680.0.
27. New lighting power and controls must be installed in accordance with Part J6 of BCA;
28. Facilities for Energy Monitoring must comply with Clause J8.3 of BCA;
29. Emergency lighting must comply with Clause E4.2, E4.4 of BCA 2019 and AS2293.1;
30. Exit signage must comply with Clause E4.5, E4.7, and E4.8 of BCA 2019 and AS2293.1;

### **Fire Services:**

31. A smoke detection and alarm system must comply with NSW Table E2.2b, and Clause 5 of Specification E2.2a of BCA;
32. A sound system and intercom system for emergency purposes (EWIS) must comply with Clause E4.9 of BCA;
33. The installation of the sprinkler system must comply with BCA Specification E1.5 and AS2118.1-2017;

### **Hydraulic Services:**

34. Fire hose reels must comply Clause E1.4 of BCA 2019 and AS2441;
35. Fire hydrant system installation must comply with Clause E1.3 of BCA 2019 and AS2419.1;
36. Storm water drainage must comply with Clause F1.1 of BCA 2019 and AS/NZS3500.3;
37. New heated water supply systems must comply NCC Volume 3 – Plumbing code and Clause J7.2 of BCA;

**Mechanical Services:**

38. Mechanical ventilation works must comply Clauses F4.5, E2.2, Table E2.2b, Spec. E2.2a & Spec.E2.2b of BCA 2019, and AS/NZS 1668.1 and AS 1668.2;
39. Ventilation works to the commercial kitchen must comply with Clause F4.12 of BCA 2019, and AS/NZS 1668.1 and AS1668.2;
40. The air-conditioning and ventilations systems works must comply with Part J5 of BCA 2019