

BCA COMPLETION STATEMENT

Building Code of Australia (BCA) 2016 Amendment 1

Project Reference No. GDL190352

1. APPLICANT DETAILS

Name Mace Australia Propriety Ltd
 Address Suite 1703, Level 17, 44 Market Street, Sydney NSW 2000
 Contact Tel: 02 9126 8010 Mobile: 0434 592 288 Email: Kirstin.Wrightson@macegroup.com

2. DETAILS OF THE BUILDING

Address Samuel Gilbert Public School - Ridgeway Drive, Castle Hill NSW 2154
 Description of the building (whole or part) Samuel Gilbert Public School Upgrade Project.
This relates to Building N & P only
 BCA Classification 9b – Educational Establishment

3. INFORMATION ATTACHED TO THIS DECISION

- ☒ Schedule "A" – Information relied upon in certificate determination
☒ Limitations / Exclusions

4. STATEMENT OF COMPLIANCE

I hereby confirm that:

- ☒ Based upon visual inspection, and reliance upon the submitted documentation it is our opinion the new works subject of this assessment have been satisfactorily completed in accordance with the Building Code of Australia 2016 Amendment 1.

Certificate No: GDL190352 Date of this Certificate: 01/11/2021

Name: Brett Clabburn, NSW Fair Trading; BDC0064

Signature: 

Address: Suite 7.02, Level 7, 10 Bridge Street, Sydney NSW 2000

Contact Tel: 02 8355 3160

COMPLETION CERTIFICATE (continued)

Certificate No. GDL190352

5. DESIGN DOCUMENTATION

The Documentation and Architectural plans as listed in the BCA Design Statement issued by Group DLA for this project has been relied upon as part of the BCA assessment at the Design stage, and reliance upon this information continues for the issue of this BCA completion statement.

6. SCHEDULE A – INFORMATION RELIED UPON IN STATEMENT DETERMINATION

- Fire Testing Certificate No. 55461 for Fire pro B315LC, -50, -65, -80, -100, -150 Floor-fitted plastic cast-in collar issued by John Dibley of Firelab Pacific Ltd, dated July 2000
- Fire Testing Certificate No. 55386 for Firepro B315-40 LC, B315-50 LC, B315-65LC, B315-80 LC, B315-100 LC Steel collar lined with intumescent material issued by John Dibley of Firelab Pacific Ltd, dated August 1998
- Assessment Report No. 88404 for Fire Resistance of uPVC Pipes Passing Through a 120mm thick Concrete Floor issued by Firelab Pacific Ltd, dated 20/08/1998
- Installation Certificate for Glazing Works issued by Chris van Dijk of CVD Commercial Glass & Aluminium Windows Pty Ltd, dated 30/09/2021
- BAL Ember Protection Performance Solution Report No. 17037 for Building N issued by David Peterson of Peterson Bushfire, dated 25/10/2021
- Subdivider/Developer Compliance Certificate No. 194150 issued by Virginia Greenwood and Willy Ramlie of Sydney Water, dated 26/10/2021
- Operational Waste Management Plan, Revision 4 issued by TTM, dated 13/08/2021
- Installation Certificate for Lightweight Fire Rated Construction issued by Michael Chen of Auzoom Projects Pty Ltd, dated 08/07/2021
- Installation Certificate for Spandrels for Building P issued by Ian Young of Sydney Interior Linings Pty Ltd, dated 04/08/2021
- Installation Certificate for Internal Wall and Ceiling Lining for Building N issued by Michael Chen of Auzoom Projects Pty Ltd, dated 08/07/2021
- Installation Certificate for Internal Linings for Building P issued by Ian Young of Sydney Interior Linings Pty Ltd, dated 04/08/2021
- Certificate of Test No. FNC11629A for Rockwool / Rockwool Stone Wool issued by Heherson Alarde of CSIRO, dated 19/04/2016
- Certificate of Test No. 1610 for Roxul Asia Sdn Bhd Stonewool issued by Garry E. Collins of CSIRO, dated 12/02/2004
- Safe to Operate Certificate for Lift No. E1 issued by Schindler Lifts Australia Pty Ltd, dated 25/10/2021
- Waterproofing Certification for Buildings N & P issued by Robert Biazzo of One Seal Waterproofing Pty Ltd, dated 29/06/2021
- Fire Assessment Report No. 45821 Revision R2.1 for field of application of Promaseal A Acrylic Sealant protecting Control Joints and penetration systems issued by Warringtonfire, dated 06/04/2020
- Assessment Report No.21405-02 for assessment of the fire resistance performance of Promat FWR-100 retrofit collars protecting uPVC floor waste penetration issued by Exova Warringtonfire, dated 09/11/2018
- Fire Safety Test Report No. A-16-024 for fire resistance performance of floor waste collar issued by FSRG, dated 02/09/2016
- Installation Certificate for Mechanical Services issued by Brian Palmer of Eagle Air Conditioning, dated 14/10/2021
- Survey Report Reference 200839-2 and associated plan issued by Richard Abbott of TSS Total Surveying Solutions, dated 11/10/2021
- Stormwater Plan No. SW-S-0004 – Stormwater Drainage Plan – Sheet 02, Revision FM issued by Birzulis Associates, dated 21/05/2020
- Stormwater Plan No. SW-S-0005 – Stormwater Drainage Plan – Sheet 03, Revision M issued by Birzulis Associates, dated 27/07/2021
- Noise Compliance Certificate issued by Adam Shearer of Day Design Pty Ltd, dated 15/10/2021
- Site Audit Statement No. 344-1 issued by Rod Harwood of Harwood Environmental Consultants
- Vegetation Management Plan issued by Brendan Pratt of Alphitonia, dated 15/10/2021

COMPLETION CERTIFICATE (continued)

Certificate No. GDL190352

- Installation Certificate for Automatic Fire Detection and Alarm System for Control and Automatic Fail-Safe Devices issued by Greg Bignall of Star Fire Systems NSW Pty Ltd, dated 18/10/2021
- Technical Memorandum for Drop-off / Pick-up & Parking Review for Modification Application issued by Hayden Calvey of Cardno, dated 06/08/2021
- Operational Transport and Access Management Plan Reference No. 80021004 issued by Cardno (NSW/ACT) Pty Ltd, dated 13/07/2021
- Traffic and Parking Management Plan (TPMP) Reference No. 80021004 issued by Cardno (NSW/ACT) Pty Ltd, dated 09/06/2021
- Post Approval Consultation Record for Drop-off and Pick-up zones around the school dated 11 March 2021 and 2 July 2021 issued by SINSW
- Detailed Design Road Safety Audit Reference No. 80021004 issued by Cardno (NSW/ACT) Pty Ltd, dated 13/10/2021
- Installation Certificate for Lift E1 issued by Geoffrey Devitt of Schindler Lifts Australia Pty Ltd, dated 20/10/2021
- Letter of Satisfaction for SSD 9274 Condition D8, D10 and D34 issued by Hayden Calvey of Cardno, dated 28/06/2021
- Letter referencing Traffic and Parking Management Plan, Condition D34 issued by Jake Shackleton of DPIE, dated 08/07/2021
- Letter referencing Green Travel Plan, Condition D10 issued by issued by Jake Shackleton of DPIE, dated 14/07/2021
- Assessment Report No. 88403 for Fire Resistance of uPVC Pipes Passing Through a 120mm thick Concrete Floor issued by Firelab Pacific Ltd, dated 21/08/1998
- Assessment Report No. FAS180527, Revision E1.3 for Assessment of Promaseal CIL Collars protecting various plastic pipes penetrating floor issued by Warringtonfire, dated 16/12/2020
- Advisory Report No. FCO-3235 Revision G for CSR Building Products limited Bradford Thermoseal Firespec issued by Keith Nicholls of CSIRO, dated 12/09/2018
- Fire Testing Certificate No. 55510 for Firepro B312-315 issued by John Dibley of Firelab Pacific Ltd, dated December 2001
- Group Classification Number FI12432-001 for EchoPanel 100% PET Polyester Panel issued by L. F. Hersche and P. N. Whiting of Branz, dated 28/02/2020
- Installation Certificate for Service Penetrations & Containment Barriers issued by James Taylor of All Passive services, dated 15/09/2021
- Regulatory Information Report No. FAS190235, Revision RIR1.1 for fire resistance performance of service penetrations through TBA Firefly Intubatt systems issued by Warringtonfire, dated 18/09/2020
- Installation Certificate for External Wall System and Ancillary attachments issued by Andy Smith of J. Hutchinson Pty Ltd, dated 25/10/2021
- Assessment Report No. 29592300, Revision No. R7.0 for fire resistance performance of various pipe penetrations issued by Warringtonfire, dated 09/09/2021
- WFRA Regulatory Information Test Report No. RIR 41212.1 for service penetrating 120mm thick concrete floor slab issued by Chad McLean and Keith Nicholls of Warringtonfire Research (Aust) Pty Ltd, dated 15/05/2006
- Fire Assessment report No. C91513 Revision R4.2 for fire resistance performance of uPVC and HDPE pipe penetration protected by Promaseal FCW Fire collars issued by Warringtonfire, dated 04/02/2020
- Technical Opinion Summary Report No. FAR 4055 Issue 5 for Autex Polyester Products – Visage, Cube, Acent Ceiling Tiles, QuietSpace Panel, APA, Etch, Felt, Workstation, Composite and Core issued by E. Soja and L. F. Hersche of Branz, dated 08/10/2020
- Test Report No. NR-17008 for CSR Bradford Gold R2.7 HP Wall Batts issued by Sherry Ma of CSR, dated 18/12/2017
- Test Report No. NR-18006 for CSR Bradford Gold R2.5 Wall Batts issued by Sherry Ma of CSR, dated 13/08/2018
- Fire Assessment Report No. FAR 4055 issue 3 for Assessment report on Autex wall and ceiling linings issued by Branz, dated 31/07/2019
- Fire Assessment Report No. FAS190252, Revision R11.0 for CSR Gyprock plasterboard and CSR Cemintel fibre cement products issued by Warringtonfire, dated 11/08/2020
- Notification of Commencement of Operations of Stage 1 – Samuel Gilbert Public School SSD 9274 – Condition D1 issued by Andy Smith of J. Hutchinson Pty Ltd, dated 20/09/2021
- Installation Certificate for Hearing Augmentation issued by Andy Smith of J. Hutchinson Pty Ltd, dated 26/10/2021

COMPLETION CERTIFICATE (continued)

Certificate No. GDL190352

- Certificate of Compliance for Building Works issued by Andy Smith of J. Hutchinson Pty Ltd, dated 25/10/2021
- Structural Engineering Inspection Certificate issued by J Walujono of Birzulis Associates Pty Ltd, dated 11/05/2021
- Installation Certificate for Balustrades issued by Yianna Matsoukas of Yme Metal Projects, dated September 2021
- Installation Certificate for Artificial Lighting issued by Grant Day of David Power Pty Ltd, dated 15/09/2021
- Installation Certificate for Exit Signs and Emergency Lighting issued by Grant Day of David Power Pty Ltd, dated 15/09/2021
- Installation Certificate for Fail Safe Devices issued by Dominic Andronaco of Boston Security, dated 14/10/2021
- Installation Certificate for Fire Extinguishers issued by Wayne Chappel of Extinguisher Services Pty Ltd, dated 27/09/2021
- Installation Certificate for Fire Hose Reels issued by Dale Morrell of Morrell Plumbing and Maintenance, dated 14/10/2021
- Installation Certificate for General Electrical issued by Grant Day of David Power Pty Ltd, dated 15/09/2021
- Installation Certificate for Post Tension Slabs issued by Michael O'Neill of Australian prestressing Services Pty Ltd, dated 19/10/2021
- Structural Design Certificate for Post Tensioning issued by Michael O'Neill of Australian prestressing Services Pty Ltd, dated 19/10/2021
- Certificate of Compliance No. 9130 for Nullifire SC902 Internal Application of Intumescent Paint issued by Anthony R McNaught of McNaught Group Pty Ltd, dated 17/02/2021
- Fire Assessment Report No. 55205900 Revision R2.0 for fire resistance performance of Lorient Intumescent Air transfer grille issued by Warringtonfire, dated 22/09/2020
- Performance Solution Report Library Stair Handrail issued by John Ward of Morris Goding Access Consulting, dated 16/07/2021
- Wet Pendulum Slip Resistance Test No. 14525 for Navigate Poly Stud tactile issued by Clark Ahearn of ATTAR, dated 29/08/2019
- Notification of Occupation in accordance with Condition D1 issued by Tim Shand of Schools Infrastructure NSW, dated 21/09/2021
- Post Approval Form issued by Olivia Hirst of Department of Education
- Operational Stormwater Management System, Revision C issued by Birzulis Associates Pty Ltd, dated 30/09/2021
- Slip Check to AS 4663-2013 Report No. R24612 for Slip resistance measurement of existing pedestrian surfaces issued by Dale Rowell of Safe Environments, dated 28/09/2021
- Slip Resistance Inspection of New Pedestrian Floor Surfaces Report No. R24612L issued by Dale Rowell of Safe Environments, dated 28/09/2021
- Green Travel Plan Reference No. 80021004, Revision 7 issued by Cardno, dated 28/06/2021
- Plan No. 80021004-001 SK001 - Pick-Up Drop Off Proposal Local Traffic Committee Submission, Revision C issued by Cardno, dated 06/07/2021
- Installation Certificate for Fire Rated Lightweight Construction for Building P issued by Ian Young of Sydney Interior Linings Pty Ltd, dated 04/08/2021
- Slip Check to AS 4586:2013 Report No. R7701.1 for 400 Series issued by Ryan Vooderhake of Safe Environments, dated 16/03/2018
- Installation Certificate or Structural Works issued by Michael Grogan of Birzulis Associates Pty Ltd, dated 25/10/2021
- Completion Certificate for Weatherproofing of External Walls issued by Andy Smith of J. Hutchinson Pty Ltd, dated 25/10/2021
- Final Fire Safety Certificate issued by Andy Smith of Hutchinsons Builders dated 20/10/2021
- Access Final Occupancy Certification issued by David Goding of Morris Goding Access Consulting dated 28/10/2021
- Fire Doors Installation and Commissioning Certificate issued by Geoffrey Kache of Zenith Doors P/L dated 29/10/21
- Smoke Doors Installation and Commissioning Certificate issued by Geoffery Krache of Zenith Doors P/L dated 29/10/21
- Certification of Fire Engineering Works from Jason Powell of Innova Fire Safety Specialists dated 29/10/2021
- Interim Fire Safety Strategy Report No. 20263-R02 issued by Jason Powell of Innova Services dated 28/10/2021

COMPLETION CERTIFICATE (continued)

Certificate No. **GDL190352**

7. LIMITATIONS / EXCLUSIONS

- Compliance with the Disability Discrimination Act (DDA); Disability (Access to Premises – Buildings) Standards 2010.
- Testing or Commissioning of any fire or related services. Refer to relevant certification of compliance issued for any measures altered, modified or installed as part of these works.
- This statement is issued for those elements not the subject of design or installation certification issued and listed in the statement
- Our assessment is limited to a visual inspection of accessible areas only and does not include review of any concealed spaces or the level of compliance of any elements of the base building unaffected by the subject scope of works.
- This statement excludes any Development Consent requirements or associated conditions of any planning requirements for these works and relates to confirmation of BCA compliance only subject to the above exclusions/limitations.

8. FIRE SAFETY SCHEDULE

Building N & P

Fire Safety Measure	Standard	BCA 2016 Amendment 1 Clause(s)	Installed Fire Safety Measures
Doors to fire resisting lift shafts	AS 1530.4 – 2005, AS1735.11- 1986	C3.10	<input checked="" type="checkbox"/>
Automatic fail- safe devices	-	C3.8, D2.21, Spec C3.4	<input checked="" type="checkbox"/>
Emergency lighting	AS 2293.1 – 2005	E4.2, E4.4	<input checked="" type="checkbox"/>
Exit signs	AS 2293.1 – 2005	E4.5, NSW E4.6 & E4.8	<input checked="" type="checkbox"/>
Fire dampers	AS 1668.1 – 2015	Spec E2.2a	<input checked="" type="checkbox"/>
Fire doors	AS 1735.11 – 1986 AS 1905.1 – 2015	Spec C3.4, C3.10	<input checked="" type="checkbox"/>
Fire hose reel systems	AS 2441 – 2005	E1.4	<input checked="" type="checkbox"/>
Fire hydrant systems	AS 2419.1 – 2005	E1.3	<input checked="" type="checkbox"/>
Fire seals (protecting openings in fire resisting components of the building)	AS 4072.1 – 2005 AS 1530.4 – 2014	C3.12, C3.13, C3.15	<input checked="" type="checkbox"/>
Lightweight construction	-	C1.8, Spec C1.8	<input checked="" type="checkbox"/>
Mechanical air handling systems – Auto shutdown	AS/NZS 1668.1 – 2015 AS 1668.2 – 2012	E2.2, Spec E2.2a, Spec E2.2b	<input checked="" type="checkbox"/>
Portable fire extinguishers & fire blankets	AS 2444 – 2001	E1.6	<input checked="" type="checkbox"/>
Warning and operational signs	-	C3.6, E3.3, D2.23 & Spec E1.8	<input checked="" type="checkbox"/>
Paths of Travel	-	D1.6	<input checked="" type="checkbox"/>
Performance Solution, Report No.20263-R01, issued by Jason Powell of Innova Services issue No. 4, dated 24 August 2020 To not locate the Fire Hydrant Booster Assembly within sight of each respective building it serves.	-	EP1.3	<input checked="" type="checkbox"/>

01/11/2021

Mace Australia Propriety Ltd
Attention: Kirstin Wrightson
Suite 1703, Level 17, 44 Market Street
Sydney NSW 2000

BCA Completion Statement No. GDL190352

**Samuel Gilbert Public School - Ridgecrop Drive, Castle Hill NSW 2154
Building N & P**

I am pleased to forward your BCA Completion Statement for this project.

Should you have any queries regarding this matter please do not hesitate to contact the undersigned on 02 8355 3160.

Yours sincerely



Brett Clabburn
Director