

28/02/2023

Our Ref: GDL210329.2

Department of Education
C/- School Infrastructure NSW
Attn: Anthony Manning
Level 8, 259 George Street
Sydney NSW 2000

**Wee Waa High School
1 Purcell Avenue, Wee Waa NSW 2388**

BCA DESIGN COMPLIANCE STATEMENT (Crown Certificate)

Further to our engagement for the abovementioned project, please find attached the Building Code of Australia (BCA) Design Compliance Review completed in respect to the proposed new High School.

In reviewing the content herein, we draw particular attention to both the design documentation listed and conditions of approval listed in this statement.

In terms of the conditions of approval, the content therein reflects BCA related matters that where not fully documented or need to be complied with during the construction to achieve compliance with the referenced BCA.

The builder and the applicant need to be aware of these conditions whilst undertaking the works, as they represent items that we shall either be focusing on in the inspection or be seeking installation certificates for on completion of the works, and it is the responsibility of the applicant and builder engaged for the works to ensure these are complied with as part of the works.

Should you have any further enquiries please do not hesitate to contact Charles Slack-Smith.

Yours faithfully



Charles Slack-Smith
Director

BCA DESIGN COMPLIANCE STATEMENT

PRELIMINARIES

STATEMENT NO.	GDL210329.2
Property Address	Wee Waa High School - 1 Purcell Avenue, Wee Waa NSW 2388
Client	School Infrastructure NSW, Department of Education
Date	27/02/2023
Proposal	Proposed new High School

DEVELOPMENT DESCRIPTION

Proposed Works	Description
Classification(s):	5 (office administration) and 9b (school)
Use of Building/Part:	Office and Educational Establishment
Subject Area (Area of Works):	Main Works excluding Landscaping, External works, Carparking and roads, and waste management area.

BASIS OF STATEMENT:

This statement is based upon: -

- The National Construction Code, Volume 1, Building Code of Australia BCA Class 2-9 Buildings 2019 (BCA) Amendment 1
- The Design Documentation listed and Conditions of this statement below which has been relied upon

EXCLUSIONS

This statement relates only to the assessment and application of the Building Code of Australia to the proposed building works contained within the Design Documentation listed below and excludes: -

- General (non-BCA) electrical, mechanical, hydraulic building services
- Service providers requirements relating to electricity, gas, water and telecommunications.
- The regulatory compliance of existing components/areas of the premises/site unaffected by the works.
- Disability (Access to Premises – Buildings) Standards 2010 compliance
- Performance of the buildings in regards to aesthetics, quality and durability is excluded and is not Group DLA's responsibility to ensure quality or durability including fit for purpose as our role is BCA compliance only.
- This statement relates to BCA compliance only and excludes any requirements for development consent or conditions of any approval documents, or any other form of planning or certification obligations required by the Environmental Planning and Assessment Act 1979 or any other legislation.
- Any elements the subject of the documentation relied upon, or the conditions are not the liability of Group DLA as reliance upon this documentation, certification and information in issuance of this statement.

STATEMENT OF COMPLIANCE

We hereby confirm that the proposed design shall accord with the relevant principles and provisions of the Building Code of Australia 2019 Amendment 1 subject to: -

- Compliance with the conditions of approval nominated below; and
- Reliance upon the listed documentation relied upon, listed drawings/plans
- Certification of the installation of the relevant portions on completion of the works

FIRE SAFETY SCHEDULE

Fire Safety Measure	Standard of Performance	Proposed Fire Safety Measures
Automatic fire detection & alarm systems	Clause 5 of AS 1670.1-2018, AS 1670.1 – 2018 & FSE Report	<input checked="" type="checkbox"/>
Automatic fire suppression systems	AS 2118.1 – 2017 BCA Spec E1.5 & FSE Report	<input checked="" type="checkbox"/>
Building occupant warning system	BCA Clause E2.2a, BCA Spec E2.2a, AS 1670.1-2018 & FSE Report	<input checked="" type="checkbox"/>
Emergency lighting	AS 2293.1 – 2018 E4.2, E4.4	<input checked="" type="checkbox"/>
Exit signs	AS 2293.1 – 2018 E4.5, NSW E4.6 & E4.8	<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 1530.4 – 2014, AS 1668.1-2015 C3.15	<input checked="" type="checkbox"/>
Lightweight construction	C1.8, C1.13, C1.13a & FSE Report	<input checked="" type="checkbox"/>
Mechanical air handling systems (Auto shutdown)	AS/NZS 1670.1-2018 & NSW Spec E2.2b	<input checked="" type="checkbox"/>
Portable fire extinguishers & fire blankets	AS 2444 – 2001 E1.6	<input checked="" type="checkbox"/>
Fire Safety Engineering Report (FSE Report) , Reference No. 013541, Revision C, issued by James O'Neill, BDC No. BDC3273 dated 23/01/2022 – Mass Timber Construction – Fire Rating External Walls – Travel Distances – Fire Extinguishers in Lieu of Fire Hose Reels – Deletion of Sprinklers to External Walkways	C1.1, C1.9, C1.13, C3.15, CP1, CP2 C1.1, Spec C1.1, CP2 D1.4(c) (i) DPA, EP2.2 E1.4 EP1.1 E1.5 EP1.4	<input checked="" type="checkbox"/>

DESIGN DOCUMENTATION

The following architectural documentation was reviewed as part of this assessment;

Drawing No.	Titled	Prepared by	Revision	Dated
WD1101	Overall Site Plan	Shac	N	04/08/2022
SK601	Site Furniture Plan Ground	Shac	00	17/02/2023
SK602	Site Furniture Plan First	Shac	00	17/02/2023
WD2201	Block A – Ground & First Floor Plan	Shac	01	06/02/2023
WD2211	Block B Ground Floor	Shac	01	06/02/2023
WD2212	Block B – First Floor Plan	Shac	01	06/02/2023
WD2221	Block C – Ground Floor Plan	Shac	01	06/02/2023
WD2222	Block C – First Floor Plan	Shac	01	06/02/2023
WD2231	Block D – Ground & First Floor	Shac	01	06/02/2023
WD2241	Block E / F – Ground Floor	Shac	01	06/02/2023
WD2601	Block A – Ground & First Floor Furniture Plan	Shac	01	06/02/2023
WD2611	Block B – Ground Floor Furniture Plan	Shac	01	06/02/2023
WD2612	Block B – First Floor Furniture Plan	Shac	01	06/02/2023
WD2621	Block C – Ground Floor Furniture Plan	Shac	01	06/02/2023
WD2631	Block D – Ground & First Floor Furniture Plan	Shac	01	06/02/2023
WD2641	Block E / F – Ground Floor Furniture	Shac	01	06/02/2023
WD3001	Block A – Elevations 01	Shac	01	06/02/2023
WD3011	Block B – Elevations 01	Shac	01	06/02/2023
WD3012	Block B – Elevations 02	Shac	01	06/02/2023
WD3021	Block C – Elevations 01	Shac	01	06/02/2023
WD3022	Block C – Elevations 02	Shac	01	06/02/2023
WD3031	Block D – Elevations 01	Shac	01	06/02/2023
WD3032	Block d – Elevations 02	Shac	01	06/02/2023
WD3041	Block E – Elevations 01	Shac	01	06/02/2023
WD3051	Block F – Elevations 01	Shac	01	06/02/2023
WD4301	External Lift Setout	Shac	01	06/02/2023

INFORMATION RELIED UPON

The following additional documentation has been relied upon in confirming compliance for those elements listed / certified or confirmed as compliant with the BCA as applicable;

- Application form for Crown Certificate issued by Anthony Manning of School Infrastructure New South Wales, dated 15/02/2023
- Fire Engineering Report Reference No.143541 Version C issued by James O'Neil of Holmes Pty Ltd, dated 23/01/2022
- Weatherproofing Performance Solution Report Reference No. 211542 FAAB for Wee Waa High School DfMA Modular Façade System issued by Rami Khalil of TTW Pty Ltd, dated 28/09/2022
- External Wall System Disclosure Statement and associated Attachments issued by Rami Khalil of TTW Pty Ltd, dated 25/08/2022
- Fire Assessment Report No. FAS210158 Revision R2.1 for XLam CLT Wall Panels with Linings 0 Interface Temperature issued by Imran Ahamed of Warrington Fire, dated 11/08/2021
- Certificate of Conformity No. 20199 for CEMINTEL Surround Walling System issued by Calin Moldovean of Codemark Australia Pty Ltd, dated 27/01/2022
- External Wall System Disclosure Statement and associated Attachments issued by Rami Khalil of TTW Pty Ltd, dated 28/09/2022
- Design Statement for Electrical Services issued by Scott Day of Carter & Osborne Electrical Projects Australia, dated 13/10/2022
- Structural Design Certificate for Pile Foundations and associated Plans issued by Richard Addison of Tall Engineers Pty Ltd, dated 04/11/2022
- Property Condition Survey issued by Jen McCann of Ausdilaps, dated 28/07/2022
- Flood Levels Design Statement for issued by Elizabeth Brown of Shac, dated 30/09/2022
- Accessibility Design Statement issued by Eden Fong of Group DLA (NSW) Pty Ltd, dated 21/02/2023
- Design Statement for Non-Structural Earthquake issued by Elizabeth Brown of Shac, dated 27/01/2023
- Design Certificate for Electrical Works issued by Matthew Sutic of Electrical Projects Australia, dated 08/12/2022
- Design Statement for External Waterproofing issued by Elizabeth Brown of Shac, dated 27/01/2023
- Structural Design Statement and associated Plans issued by Rodney Pratt of Northrop Consulting Engineers Pty Ltd, dated 15/02/2022
- Design Certificate for Fire Services and associated Plans issued by Chris Hadjiyiannis of JHA Engineers, dated 31/01/2023
- Design Certificate for Inground Hydraulic & Fire Hydrant Services and associated Plans issued by Mohammad Osama Quddus of Epicentre Consulting Engineers (on behalf of Quick Plumbing), dated 12/12/2022
- Design Certificate for Lift issued by Geoffrey Devitt of Schindlers Lifts Australia Pty Ltd, dated 31/01/2023
- Design Statement for Natural Light issued by Elizabeth Brown of Shac, dated 27/01/2023
- Letter Confirming no UPS being Installed issued by Olivia O'Rourke of Built Pty Ltd, dated 14/02/2023
- Letter Confirming Address is not on Bushfire Prone Land issued by Paul Nelson of Built Pty Ltd, dated 08/02/2023
- Design Statement for Panic Bars to Hall issued by Elizabeth Brown of Shac, dated 27/01/2023
- Letter Confirmation of Population Numbers issued by Nicola Carcary of TSA Management, dated 08/02/2023
- Design Statement for Glazed Windows and Doors issued by Elizabeth Brown of Shac, dated 27/01/2023
- Design Statement for Heights of Buildings issued by Elizabeth Brown of Shac, dated 27/01/2023
- Letter in regard to Condition B33 of Development Consent issued by Brandon Notaras of E-LAB Consulting

- Structural Design Certificate and associated Report issued by Rodney Pratt of Northrop Pty Ltd, dated 15/02/2022
- Letter confirming Compliance of SSDA Condition B29 issued by Scott Button of Lyall & Associates Consulting Water Engineers, dated 11/11/2022
- Design Statement Endorsement issued by Carter and Osborne Electrical, issued by 13/10/2022
- Design Statement for Electrical Services issued by Matthew Campbell of Electrical Projects Australia, dated 13/10/2022
- Architects Specification Revision C issued by Shac, dated 27/01/2023
- Section J Part J1 JV3 Report Revision 04 issued by Guljit Bates of Built Pty Ltd, dated 28/06/2022
- Design Certificate for Mechanical Services issued by Dan Cornish of Austral Air Conditioning Services P/L, dated 24/01/2023
- Test Report No. P172324 for Accessories Vinyl tape 1.5mm Thickness 100mm Width issued by M.B Webb of APL Australia Pty Ltd, dated 09/09/2017
- Test Report No. 17-004590 for “ Accessories” Wall Protector Adhered to Cement Sheet issued by Chris Campbell of Australian Wool Testing Authority Ltd, dated 19/0/2017
- Group Number Assessment No. 18-001335 for 2mm Wallflex Vinyl Wall Cladding issued by Chris Campbell of AWTA, dated 20/03/2018
- Fire Assessment Report No. FAS190252, Revision R12.0 for CSR Gyprock plasterboard and CSR Cemintel fibre cement product issued by Warringtonfire, dated 26/10/2022
- Group Number Assessment No. 20-005827 for Forbo Bulletin Board on 10mm Gyprock/plaster assembly Composite Panel issued by Fional McDonald of AWTA, dated 27/11/2020
- Fire Design Guide issued by XLam
- Test Report No. 7-582241-CV for “Taralay Premium Comfort” Vinyl Flooring Sheet issued by Michael A Jackson of Australian Wool Testing Authority Ltd, dated 30/11/2011
- Test Report No. 7-594308-CV for “Mipolan Elegance” Sheet Flooring issued by Michael A Jackson of Australian Wool Testing Authority Ltd, dated 28/10/2013
- Test Report No.20-001402 for “Mipolan Affinity EL7” Homogenous PVC Sheet issued by Michael A Jackson of Australian Wool Testing Authority Ltd, dated 09/06/2020
- Test report No. 7-579-534-CV for “Tarrasafe Super” Vinyl Flooring issued by Michael A Jackson of Australian Wool Testing Authority, dated 05/07/2011
- Test Report No. 7-579418-CV for “Tarrasafe Ultra Comfort” Vinyl Flooring issued by Michael A Jackson of Australian Wool Testing Authority Ltd, dated 30/06/2011
- Group Assessment Test Report No. 19-001059 for “Tarasafe Ultra” Vinyl Flooring issued by Michael A Jackson of Australian Wool Testing Authority Ltd, dated 06/03/2019
- Test Report No. 16001909 for “Taralay Premium Compact” Vinyl Flooring issued by Australian Wool Testing Authority Ltd, dated 19/05/2016
- Product Guide for Ecooustic Felt Panel (Elegant Acoustic Panels with High Performing White or Black Acoustic Core) issued by Instyle
- Test Report No. 17-001223 for “BK9 Cushion – Patina Vibes, Naturally Drawn, Momentum, Custom Prints” Loop Pile Carpet Tile with Cushion Backing issued by Michael A Jackson of Australian Wool Testing Authority, dated 05/04/2017
- Fire Assessment Report No. FAS220123 for Penetrations Protected by Promaseal CFC 32 Conduit Collar Revision No. R1.0 issued by Omar Saad of Warrington Fire, dated 26/07/2022
- Product Statement for fire ratings of ceramic tiles issued by Skheme
- Fire Rating Helpful Facts issued by Skheme
- Test Report No. 153707B for Tredsafe Diamondtred issued by M.B. Webb of APL Australia Pty Ltd, dated 26/11/2009

- Product Data Sheet for Galvabond Steel G2/G2S issued by Bluescope Steel Ltd
- Weatherproofing Performance Solution Report Reference No. 211542 FAAB issued by Rami Khalil of TWW (NSW) Pty Ltd, dated 30/08/2022
- Design Statement for Panic Bars to Main Exit Doors from Block C – Gymnasium/Hall Space issued by Elizabeth Brown of Shac, dated 27/02/2023
- Condition B45 - Meeting Minutes issued by School Infrastructure NSW & Narrabri Shire Council
- Consultants Advice for Water Service Storage Revision A issued by Mitchell McLennan of JHA, dated 22/09/2006
- Thermal Performance design statement issued by TTW, dated 28/02/2023

CONDITIONS OF APPROVAL

BCA CLAUSE	Comments
BCA 2019 Amend 1	The construction works must be undertaken and installed in accordance with the requirements of BCA 2019 Amendment 1 and any referenced Australian Standards in BCA 2019.
Section J	Building works are to be undertaken in accordance with the Section J report issued by E-Lab Consulting dated 3 March 2022
Structural	Compliance of the structural provisions of the BCA are reliant upon the engaged structural engineer, contractors and builder for compliance and Group DLA is reliant upon this certification for compliance with those parts of the BCA in Part B and C of the BCA 2019 Amendment 1.
D2.21	All door latching mechanisms to be located between 900-1100mm from the finished floor level. Panic Bars to the Hall are to be installed to comply with BCA Clause NSW D2.21 being Panic Bars in the direction of egress.
E4.5/E4.6	New exit signage is to be installed in accordance with BCA Clause E4.5, E4.6 and AS2293.1 - 2018
Fire Services	Any Fire Services being installation must be undertaken in accordance with the listed standards of performance and BCA clause requirements of the Fire Safety Schedule.
Timber Construction	Timber including the fire rating of these elements is the responsibility of the supplier to ensure compliance of the manufactured and delivered materials, and are to be provided and installed in accordance with manufacturers installation requirements.
Information Relied upon	Listed Information relied on up is to be complied with in the construction of these works where it requires compliance or works to be undertaken of conditions to be adhered to as part of the documentation

This statement confirms compliance of the Design to BCA 2019 Amendment 1 for the proposed works and is reliant upon the listed documentation, design certification and plans referenced, as well as compliance with the conditions of this document.



Charles Slack-Smith / Director