

02/11/2021

Our Ref: GDL210095

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

**Epping West Public School Epping
Epping West Public School, Epping NSW 2121**

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 Early Works Package and Section 6.28 Crown Certification Services.

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 Mauricio Vera or the undersigned.

Yours faithfully



Brett Clabburn
Director

BCA DESIGN COMPLIANCE STATEMENT

PRELIMINARIES

STATEMENT NO.	GDL210095
Property Address	Epping West Public School, Epping NSW 2121
Client	School Infrastructure New South Wales (SINSW)
Date	02/11/2021
Proposal	BCA and Crown Certification Services

DEVELOPMENT DESCRIPTION

Proposed Works	Description
Classification(s):	9b and 5
Use of Building/Part:	Educational Establishment
Subject Area (Area of Works):	Bulk earthworks, inground services and structure (all stages)

BASIS OF STATEMENT:

This statement is based upon: -

- The National Construction Code, Volume 1, Building Code of Australia BCA Class 2-9 Buildings 2019 Amendment One (BCA)
- The Design Documentation listed in this statement below

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
- 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.
- Review of existing population densities throughout the building with respect to the new works
- Any existing elements of the building, as this statement relates to BCA confirmation of new works only, and not an assessment of any existing elements or portions of the building
- 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 One 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

DESIGN DOCUMENTATION

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

Drawing No.	Titled	Prepared by	Revision	Dated
01_001	Block S – Ground Floor – Slab Setout Plan	Pedavoli Architects Pty Ltd	2	28/09/2021
01_002	Block S – First Floor – Slab Setout Plan	Pedavoli Architects Pty Ltd	2	28/09/2021
01_003	Block S – Second Floor – Slab Setout Plan	Pedavoli Architects Pty Ltd	2	28/09/2021
02_001	Block T – Ground Floor – Slab Setout Plan	Pedavoli Architects Pty Ltd	2	28/09/2021
02_002	Block T – First Floor – Slab Setout Plan	Pedavoli Architects Pty Ltd	1	10/09/2021

SUPPLEMENTARY DOCUMENTATION

The following additional documentation was reviewed as part of this assessment, and has been relied upon in confirming compliance for those elements listed / certified or confirmed as compliant:

- Crown Certificate Application Form, signed by applicant Anthony Manning of NSW Department of Education, School Infrastructure NSW, dated 13/10/2021
- Levy Receipt, Receipt No. L0000015755, issued by NSW Government Long Service Corporation, dated 26/10/2021
- Statement of Design Compliance, For CC2 - Bulk Earthworks, Inground Services and Structure, issued by Sam Rigoli of Pedavoli Architects, dated 20/10/2021
- Structural Design Statement and associated plans issued by Trudy Myers, Senior Structural Engineer of Northrop Consulting Engineers Pty Ltd, dated 28/10/2021
- Design Certificate, Electrical Services, issued by Nicolas Sleiman of Erbas & Associates, dated 11/10/2021
- Job Number 21-60, Site Plan, Approved I.S. 13/08/2021, Verified D.N. 13/08/21, Prepared I.S. 13/08/2021 prepared by Woolacotts Consulting Engineers, dated 12/10/2021
- Design Statement, Plumbing, issued by Ian Stalker, Hydraulic Engineer BPB, dated 28/10/21
- Waste Management Plan, Revision No. Version 3, issued by Jo Drummond of EcCell Environmental Management, dated 16/09/2021
- Staging Report with Condition A9, Document 1, issued by Jacqueline Sellen, Assistant Project Director Schools Infrastructure NSW of NSW Government Education Department, dated 13/09/2021
- Staging Report, Version No. 1.0, Draft Staging Report with Condition A9, prepared by Daniel Smith and issued by Jacqueline Sellen, Assistant Project Director Schools Infrastructure NSW of NSW Government Education Department, dated 10/09/2021
- General Correspondence, Reference No. HY-GCOR-002686, EPPW-CC2 Documentation, issued by Daniel Smith of Johnstaff Pty Ltd, dated 18/10/2021

- Notification of the Commencement of Construction in accordance with Condition B1, issued by Jacqueline Sellen, Assistant Project Director Schools Infrastructure NSW of NSW Government Education Department, dated 15/10/2021
- Letter of confirmation, External Walls and Cladding, issued by Justin Sut Project manager of Hansen Yuncken, dated 28/10/2021
- Community Communication Strategy Report, issued by School Infrastructure NSW Government Department, dated September 2021
- Letter of School Additions and Alterations Project (SSD 9250948), issued by Jacqueline Sellen, Assistant Project Director Schools Infrastructure NSW of NSW Government Education Department, dated 13/09/2021
- Letter of Condition B8, SSD 9250948, issued by Giuseppe Lauriola, Sustainability Consultant of Northrop Consulting Engineers, dated 14/10/2021
- Construction Worker Transportation Strategy Report, 1st Issue, Issued by PTC Consultants, dated 16/09/2021
- Letter of School Additions and Alterations Project (SSD 9250948), Submission of the Construction Worker Transportation Strategy in accordance with Conditions B18, issued by Jacqueline Sellen, Assistant Project Director Schools Infrastructure NSW of NSW Government Education Department, dated 17/10/2021
- Design Certification-R1, Memorandum, 210125-210901-EPPW, issued by Ben White of Pulse White Noise Acoustics, dated 01/09/2021
- B22 Site Auditor Engagement, issued by Rowena Salmon, NSW EPA Accredited Auditor, dated 13/09/2021
- Civil Plans issued by PTC Consultants

Information previously relied upon in Crown Certificate GDL 210095 dated 22/09/2021:

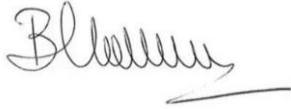
- Application Form for Crown Certificate signed by Anthony Manning of NSW Department of Education, School Infrastructure NSW, dated 14/09/2021
- Compliance Statement regarding Demolition of Block G issued by Joseph Tobarji of Pro Demo Earthworks Pty Ltd, dated 17/09/2021
- Construction Environment Management Plan (CEMP) Reference No. EPPW _SSD 9250948, Revision 3, prepared by D. Screpis of Hansen Yuncken, dated 15/09/2021
- Compliance Statement regarding Construction Environmental Management Plan issued by Justin Sut of Hansen Yuncken, dated 14/09/2021
- Compliance Statement regarding Construction Access Arrangements issued by Justin Sut of Hansen Yuncken, dated 14/09/2021
- Construction Pedestrian & Traffic Management Plan, Revision 4, prepared by Aaron Pau and Reviewed by Dan Budai of PTC Consultants, dated 16/09/2021
- Compliance Statement regarding Demolition issued by Justin Sut of Hansen Yuncken, dated 14/09/2021
- Compliance Statement regarding Tree Removal issued by Justin Sut of Hansen Yuncken, dated 14/09/2021
- Compliance Statement regarding Protection of Public Infrastructure issued by Justin Sut of Hansen Yuncken, dated 14/09/2021
- Dilapidation Report Reference No. 22012, prepared by Douglas Sandlands of Project Solutions, dated 07/09/2021
- Compliance Statement regarding Pre-Construction Dilapidation Report issued by Justin Sut of Hansen Yuncken, dated 14/09/2021

CONDITIONS OF APPROVAL

PART A – CONDITIONS OF CONSTRUCTION

BCA CLAUSE	Comments
BCA 2019 Amdt 1	The construction works must be undertaken and installed in accordance with the requirements of BCA 2019 and any referenced Australian Standards in BCA 2019.
C1.10	<p>Materials must have fire hazard properties in accordance with BCA Specification C1.10 as follows: -</p> <ul style="list-style-type: none"> <u>Floor Coverings</u> <ul style="list-style-type: none"> (i) a critical radian flux no less than 2.2kW/m² for non-sprinkler protected buildings (ii) a maximum smoke development rate of 750 percent minutes <u>Wall and Ceiling linings</u> <ul style="list-style-type: none"> (i) a group number of ; and (ii) a smoke growth rate index of not more than 100; or (iii) an average specific extinction area less than 250m²/kg <u>Air handling ductwork</u> <ul style="list-style-type: none"> (i) Rigid and flexible ductwork must comply with the fire hazard properties set out in AS 4254 – 1995 <p>Note: BCA 2019 Amdt One has specific Australian Standards that must be complied with in determining the above requirements, consult BCA 2019 Amdt One to establish the relevant testing requirements prior to specifying, ordering or installing finishes</p>
C3.15	Any new service penetrations in fire rated elements must be fire sealed in accordance with Clause C3.15 of BCA.
D1.6	Paths of travel to exits must have a clear width of no less than 1000mm. Note: Measured between fixed items, such as workstations, openings without doors, etc
D2.21	All door latching mechanisms to be located between 900-1100mm from the finished floor level.
E4.2/E4.5	New emergency lighting to be undertaken in accordance with BCA Clause E4.2 and AS2293.1 - 2005
E4.5/E4.6	New exit signage and alterations to suit new arrangement must be undertaken in accordance with BCA Clause E4.5, E4.6 and AS2293.1 - 2005
F4.4	New artificial lighting must accord with AS/NZS 1680.0 – 2009 to all rooms and corridors, lobbies and internal circulation spaces, and certified by a suitably qualified contractor upon completion.
F4.5	New / alterations to ventilation must be in accordance with AS1668.2-2012
Part J6	New artificial lighting must accord with Part J6 of BCA 2019 Amendment One, and certified by a suitably qualified contractor upon completion.
Table D2.14	Slip Resistance of new stairs / ramps, including relining of such must be provided in accordance with the required slip resistance listed in Table D2.14 of the BCA.

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.



Brett Clabburn
Director
Building Professionals Board / BDC0064