GROUPDLA

29/06/2020

Our Ref: GDL190179

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

SINSW - Estella Public School (Wagga Wagga)
56 Estella Road, Charles Sturt University, NSW 2678

SECTION 6.28 CROWN CERTIFICATE - BCA DESIGN COMPLIANCE STATEMENT

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 , as required by Section 6.28 of the Environmental Planning and Assessment Act.

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

In terms of the conditions of approval, the content therein reflects BCA related matters that either did not comply or requires amendment or need to be complied with in the construction to achieve compliance with the referenced BCA.

The builder and the crown authority 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 crown authority 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

GROUPDLA

BCA DESIGN COMPLIANCE REVIEW

PRELIMINARIES

CERTIFICATE NO.	GDL190179
Property Details	56 Estella Road, Charles Sturt University, NSW 2678
Client	SINSW - Estella Public School (Wagga Wagga)
Date	29/06/2020
Proposal	BCA & Crown (S6.28) Consultancy Services

DEVELOPMENT DESCRIPTION

Proposed Works	Description
Classification(s):	9b
Use:	Educational Establishment
Subject Area:	SINSW - Estella Public School, Estella NSW 2650

BASIS OF CERTIFICATION

This certificate is based upon: -

- The National Construction Code, Volume 1, Building Code of Australia BCA Class 2-9 Buildings 2016 Amendment One (BCA)
- The Design Documentation listed in this certificate below

EXCLUSIONS

This certificate 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
- Any Development Consent requirements or conditions and any assessment as to the requirement for obtaining planning consent and any conditions to any consents obtained, as this only relates to an assessment of elements listed in Section 6.28 of the Environmental Planning and Assessment Act.
- Review of existing population densities throughout the building with respect to the new works
- Any existing elements of the building, and 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 2016 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

FIRE SAFETY SCHEDULE

Fire Safety Measure	Standard	BCA Clause(s)	Proposed Fire Safety Measures
Access panels, doors & hoppers to fire resisting shafts	AS 1530.4 – 2014	C3.13	☑
Automatic fail-safe devices	--	C3.8, D2.21, Spec C3.4	☑
Automatic fire detection & alarm systems (associated to automatic shut-down system)	AS 1670.1 – 2015 AS 1668.1 – 2015	Spec E2.2b	☑
Emergency lighting	AS 2293.1 – 2005	E4.2, E4.4	☑
Exit signs	AS 2293.1 – 2005	E4.5, NSW E4.6 & E4.8, EP4.2	☑
Fire dampers	AS 1668.1 – 2015	Spec E2.2a	☑
Fire doors	AS 1905.1 – 2015	Spec C3.4, C3.10	☑
Fire hydrant systems	AS 2419.1 – 2005	E1.3, EP1.3	☑
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	☑
Lightweight construction	--	C1.8, Spec C1.8, CP1, CP2	☑
Mechanical air handling systems Auto shutdown	AS 1668.1 – 2015 AS 1668.2 –2012	E2.2, Spec E2.2a, Spec E2.2b	☑
Portable fire extinguishers & fire blankets	AS 2444 – 2001	E1.6	☑
Paths of Travel	--	D1.6, DP4, DP5, DP6, EP2.2	☑
Fire Engineering Performance Solutions Report Reference No. S19033.WW prepared by MCD Fire Engineering, Rev: FER 1.0, date: 09/06/2020; • To permit a reduction of general FRLs from 120 minutes to 60 minutes throughout all building areas.	Spec C1.1, Table 4 Spec C1.1, Table 4,	CP1 and CP2 CP1, CP2	☑

Fire Safety Measure	Standard	BCA Clause(s)	Proposed Fire Safety Measures
• To permit the reduction of FRLs to loadbearing external walls located within 18 m of a fire-source feature from 120 minutes to 60 minutes.	Clause 4.1		
• To permit the use of combustible sarking material (Bradford Enviroseal ProctorWrap RW) inside the external walls of a building required for Type B construction.	C1.9	CP2, CP4	
• To permit the use of plywood timber noggings/reinforcement (for handrails/grabrails/ wall mounted wet areas systems such as WHBs etc) in cavities of fire rated walls (internal or external) and non-fire-rated external walls.	C1.9, Spec C1.1, Clause 4.1(e)	CP2, CP4	
• The residual pressure of internal fire hydrants is to be designed in accordance with AS 2419.1-2017 instead of AS 2419.1-2005, i.e., 250 kPa instead of 700 kPa by viewing them as “unassisted attack fire hydrant”.	E1.3, AS 2419.1	EP1.3	
• To permit the location of the fire hydrant booster to not technically be within sight of each building entry on the site, and not adjacent to the vehicular entrance.	E1.3, AS 2419.1	EP1.3	
• The location of external attack fire hydrant is to be accordance with AS 2419.1-2017 instead of AS 2419.1-2005, i.e., maximum 100 m rather than 50 m from a hard stand such that heavy vehicle access is not required through the school site.	E1.3, AS 2419.1	EP1.3	
• To permit the omission of Fire Hose Reels serving parts of the buildings that are not forming part of the main classroom areas of the building (i.e. admin, BOH, etc).	E1.3, AS 2419.1	EP1.3	

DESIGN DOCUMENTATION

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

Drawing No.	Title	Prepared By	Revision	Date
NHQC2 – WW – AR – DWG – 00_S001	Drawing List And Legend	Perumal Pedavoli Architects	I	05/06/2020
NHQC2 – WW – AR – DWG – 00_S002	Site Plan	Perumal Pedavoli Architects	H	05/06/2020
NHQC2 – WW – AR – DWG – 00_S011	Composite Plan - Level 00	Perumal Pedavoli Architects	H	05/06/2020
NHQC2 – WW – AR – DWG – 00_S012	Composite Plan - Level 01	Perumal Pedavoli Architects	H	05/06/2020
NHQC2 – WW – AR – DWG – 00_S013	Composite Plan - Level 02	Perumal Pedavoli Architects	H	05/06/2020
NHQC2 – WW – AR – DWG – 00_S021	Composite Plan - Roof	Perumal Pedavoli Architects	G	05/06/2020
NHQC2 – WW – AR – DWG – 00_S101	Site Elevations - Sheet 01	Perumal Pedavoli Architects	G	05/06/2020
NHQC2 – WW – AR – DWG – 00_S102	Site Elevations - Sheet 02	Perumal Pedavoli Architects	G	05/06/2020
NHQC2 – WW – AR – DWG – 00_S201	Site Sections - Sheet 01	Perumal Pedavoli Architects	G	05/06/2020
NHQC2 – WW – AR – DWG – 00_S202	Site Sections - Sheet 02	Perumal Pedavoli Architects	G	05/06/2020
NHQC2 – WW – AR – DWG – 00_S301	External Works Plan – Sheet 01	Perumal Pedavoli Architects	K	05/06/2020
NHQC2 – WW – AR – DWG – 00_S302	External Works Plan – Sheet 02	Perumal Pedavoli Architects	K	05/06/2020
NHQC2 – WW – AR – DWG – 01_A011	Level 00 Floor Plan - Block A	Perumal Pedavoli Architects	M	05/06/2020
NHQC2 – WW – AR – DWG – 01_A021	Roof Plan - Block A	Perumal Pedavoli Architects	K	05/06/2020
NHQC2 – WW – AR – DWG – 01_BC011	Level 00 Floor Plan - Block B & C	Perumal Pedavoli Architects	L	05/06/2020
NHQC2 – WW – AR – DWG – 01_BC012	Level 01 Floor Plan - Block B & C	Perumal Pedavoli Architects	J	05/06/2020
NHQC2 – WW – AR – DWG – 01_BC021	Roof Plan - Block B & C	Perumal Pedavoli Architects	L	05/06/2020
NHQC2 – WW – AR – DWG – 01_D011	Level 00 Floor Plan - Block D	Perumal Pedavoli Architects	N	05/06/2020
NHQC2 – WW – AR – DWG – 01_D012	Level 01 Floor Plan - Block D	Perumal Pedavoli Architects	K	05/06/2020
NHQC2 – WW – AR – DWG – 01_D021	Roof Plan - Block D	Perumal Pedavoli Architects	K	05/06/2020
NHQC2 – WW – AR – DWG – 01_EF011	Level 00 Floor Plan - Block E & F	Perumal Pedavoli Architects	M	05/06/2020
NHQC2 – WW – AR – DWG – 01_EF012	Level 01 Floor Plan - Block E & F	Perumal Pedavoli Architects	M	05/06/2020
NHQC2 – WW – AR – DWG – 01_EF021	Roof Plan - Block E & F	Perumal Pedavoli Architects	I	05/06/2020
NHQC2 – WW – AR – DWG – 02_A101	Elevations - Block A	Perumal Pedavoli Architects	O	05/06/2020
NHQC2 – WW – AR – DWG – 02_A201	Sections - Block A	Perumal Pedavoli Architects	I	05/06/2020
NHQC2 – WW – AR – DWG – 02_BC101	Elevations - Block B	Perumal Pedavoli Architects	N	05/06/2020
NHQC2 – WW – AR – DWG – 02_BC102	Elevations - Block C	Perumal Pedavoli Architects	M	05/06/2020
NHQC2 – WW – AR – DWG – 02_BC201	Sections - Block B	Perumal Pedavoli Architects	L	05/06/2020
NHQC2 – WW – AR – DWG – 02_BC202	Sections - Block C	Perumal Pedavoli Architects	K	05/06/2020

Drawing No.	Title	Prepared By	Revision	Date
NHQC2 – WW – AR – DWG – 02_D101	Elevations - Block D	Perumal Pedavoli Architects	O	05/06/2020
NHQC2 – WW – AR – DWG – 02_D201	Sections - Block D - Sheet 01	Perumal Pedavoli Architects	I	05/06/2020
NHQC2 – WW – AR – DWG – 02_D202	Sections - Block D - Sheet 02	Perumal Pedavoli Architects	K	05/06/2020
NHQC2 – WW – AR – DWG – 02_EF101	Elevations - Block E	Perumal Pedavoli Architects	N	05/06/2020
NHQC2 – WW – AR – DWG – 02_EF102	Elevations - Block F	Perumal Pedavoli Architects	L	05/06/2020
NHQC2 – WW – AR – DWG – 02_EF201	Sections - Block E	Perumal Pedavoli Architects	I	05/06/2020
NHQC2 – WW – AR – DWG – 02_EF202	Sections - Block F	Perumal Pedavoli Architects	I	05/06/2020
NHQC2 – WW – AR – DWG – 06_A6101	Level 00 Wall Type Plan - Block A	Perumal Pedavoli Architects	J	05/06/2020
NHQC2 – WW – AR – DWG – 06_BC601	Level 00 Wall Type Plan - Block B & C	Perumal Pedavoli Architects	K	05/06/2020
NHQC2 – WW – AR – DWG – 06_BC602	Level 01 Wall Type Plan - Block B & C	Perumal Pedavoli Architects	J	05/06/2020
NHQC2 – WW – AR – DWG – 06_D601	Level 00 Wall Type Plan - Block D	Perumal Pedavoli Architects	J	05/06/2020
NHQC2 – WW – AR – DWG – 06_D602	Level 01 Wall Type Plan - Block D	Perumal Pedavoli Architects	I	05/06/2020
NHQC2 – WW – AR – DWG – 06_EF601	Level 00 Wall Type Plan - Block E & F	Perumal Pedavoli Architects	L	05/06/2020
NHQC2 – WW – AR – DWG – 06_EF602	Level 01 Wall Type Plan - Block E & F	Perumal Pedavoli Architects	K	05/06/2020
NHQC2 – WW – AR – DWG – 08_801	Wall Section - Sheet 01	Perumal Pedavoli Architects	H	05/06/2020
NHQC2 – WW – AR – DWG – 08_802	Wall Section - Sheet 02	Perumal Pedavoli Architects	H	05/06/2020
NHQC2 – WW – AR – DWG – 08_803	Wall Section - Sheet 03	Perumal Pedavoli Architects	J	05/06/2020
NHQC2 – WW – AR – DWG – 08_804	Wall Section - Sheet 04	Perumal Pedavoli Architects	F	05/06/2020
NHQC2 – WW – AR – DWG – 20_101	Wet Area Drawings - Sheet 01	Perumal Pedavoli Architects	J	05/06/2020
NHQC2 – WW – AR – DWG – 20_102	Wet Area Drawings - Sheet 02	Perumal Pedavoli Architects	K	05/06/2020
NHQC2 – WW – AR – DWG – 20_103	Wet Area Drawings - Sheet 03	Perumal Pedavoli Architects	J	05/06/2020
NHQC2 – WW – AR – DWG – 20_104	Wet Area Drawings - Sheet 04	Perumal Pedavoli Architects	L	05/06/2020
NHQC2 – WW – AR – DWG – 20_105	Wet Area Drawings - Sheet 05	Perumal Pedavoli Architects	J	05/06/2020
NHQC2 – WW – AR – DWG – 20_106	Wet Area Drawings - Sheet 06	Perumal Pedavoli Architects	K	05/06/2020
NHQC2 – WW – AR – DWG – 40_001	Door Schedule - Blocks A & B	Perumal Pedavoli Architects	M	05/06/2020
NHQC2 – WW – AR – DWG – 40_002	Door Schedule - Blocks C & D	Perumal Pedavoli Architects	L	05/06/2020
NHQC2 – WW – AR – DWG – 40_003	Door Schedule - Blocks E & F	Perumal Pedavoli Architects	L	05/06/2020
NHQC2 – WW – AR – DWG – 40_010	Door Leaf Types Legend	Perumal Pedavoli Architects	I	05/06/2020
NHQC2 – WW – AR – DWG – 40_101	Door Frame Details - Sheet 01	Perumal Pedavoli Architects	L	05/06/2020
NHQC2 – WW – AR – DWG – 40_102	Door Frame Details - Sheet 02	Perumal Pedavoli Architects	I	05/06/2020

Drawing No.	Title	Prepared By	Revision	Date
NHQC2 – WW – AR – DWG – 40_103	Door Frame Details - Sheet 03	Perumal Pedavoli Architects	H	05/06/2020
NHQC2 – WW – AR – DWG – 50_001	Window Schedule - Block A	Perumal Pedavoli Architects	E	05/06/2020
NHQC2 – WW – AR – DWG – 50_002	Window Schedule - Block B	Perumal Pedavoli Architects	D	05/06/2020
NHQC2 – WW – AR – DWG – 50_003	Window Schedule - Block C	Perumal Pedavoli Architects	E	05/06/2020
NHQC2 – WW – AR – DWG – 50_004	Window Schedule - Block D	Perumal Pedavoli Architects	E	05/06/2020
NHQC2 – WW – AR – DWG – 50_005	Window Schedule - Block E	Perumal Pedavoli Architects	E	05/06/2020
NHQC2 – WW – AR – DWG – 50_006	Window Schedule - Block F	Perumal Pedavoli Architects	E	05/06/2020
NHQC2 – WW – AR – DWG – 50_010	Window Type Legend	Perumal Pedavoli Architects	I	05/06/2020
NHQC2 – WW – AR – DWG – 50_020	Sunshade Types Legend	Perumal Pedavoli Architects	B	05/06/2020
NHQC2 – WW – AR – DWG – 50_101	Internal Window Details - Sheet 01	Perumal Pedavoli Architects	C	05/06/2020
NHQC2 – WW – AR – DWG – 50_102	Window Details - Sheet 02	Perumal Pedavoli Architects	D	05/06/2020
NHQC2 – WW – AR – DWG – 50_103	Window Details - Sheet 03	Perumal Pedavoli Architects	D	05/06/2020
NHQC2 – WW – AR – DWG – 50_201	Sunshade Details	Perumal Pedavoli Architects	E	05/06/2020
NHQC2 – WW – AR – DWG – 55_001	Louvre Type Legend & Schedules	Perumal Pedavoli Architects	G	05/06/2020
NHQC2 – WW – AR – DWG – 55_101	Louvre Details	Perumal Pedavoli Architects	C	05/06/2020
NHQC2 – WW – AR – DWG – 60_001	Stair 01 Details	Perumal Pedavoli Architects	H	05/06/2020
NHQC2 – WW – AR – DWG – 60_002	Stair 02 Details	Perumal Pedavoli Architects	I	05/06/2020
NHQC2 – WW – AR – DWG – 60_003	Stair 03 Details	Perumal Pedavoli Architects	H	05/06/2020
NHQC2 – WW – AR – DWG – 60_004	Stair 04 Details	Perumal Pedavoli Architects	H	05/06/2020
NHQC2 – WW – AR – DWG – 60_005	Stair 05 Details	Perumal Pedavoli Architects	H	05/06/2020
NHQC2 – WW – AR – DWG – 60_006	Stair 06 Details - Sheet 01	Perumal Pedavoli Architects	H	05/06/2020
NHQC2 – WW – AR – DWG – 60_007	Stair 06 Details - Sheet 02	Perumal Pedavoli Architects	F	05/06/2020
NHQC2 – WW – AR – DWG – 60_008	Stair 08 / Stair 10 Details	Perumal Pedavoli Architects	E	05/06/2020
NHQC2 – WW – AR – DWG – 60_010	Stair, Handrail & Balustrade Details - Sheet 01	Perumal Pedavoli Architects	H	05/06/2020
NHQC2 – WW – AR – DWG – 60_011	Stair, Handrail & Balustrade Details - Sheet 02	Perumal Pedavoli Architects	G	05/06/2020
NHQC2 – WW – AR – DWG – 60_012	Stair, Handrail & Balustrade Details - Sheet 03	Perumal Pedavoli Architects	F	05/06/2020
NHQC2 – WW – AR – DWG – 60_013	Stair, Handrail & Balustrade Details - Sheet 04	Perumal Pedavoli Architects	F	05/06/2020
NHQC2 – WW – AR – DWG – 60_014	Handrail Details	Perumal Pedavoli Architects	E	05/06/2020
NHQC2 – WW – AR – DWG – 60_015	Stair 09 & Stage Details	Perumal Pedavoli Architects	H	05/06/2020
NHQC2 – WW – AR – DWG – 60_016	Stair, Handrail & Balustrade Details - Sheet 05	Perumal Pedavoli Architects	B	05/06/2020

Drawing No.	Title	Prepared By	Revision	Date
NHQC2 – WW – AR – DWG – 90_201	Wall Type Details - Sheet 01	Perumal Pedavoli Architects	J	05/06/2020
NHQC2 – WW – AR – DWG – 90_202	Wall Type Details - Sheet 02	Perumal Pedavoli Architects	H	05/06/2020
NHQC2 – WW – AR – DWG – 90_203	Wall Type Details - Sheet 03	Perumal Pedavoli Architects	G	05/06/2020
NHQC2 – WW – AR – DWG – 90_204	Wall Type Details - Sheet 04	Perumal Pedavoli Architects	D	05/06/2020
NHQC2 – WW – AR – DWG – 90_205	Wall Types Details - Sheet 05	Perumal Pedavoli Architects	B	05/06/2020

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 completed by Anthony Manning of NSW department of Education, School Infrastructure NSW, dated 12/06/2020
- Design Certificate for Smoke Detection and Emergency and Exit Lighting issued by Jason Thomson of RIC Electrics Pty Limited, dated 23/06/2020
- Design Certificate for Hydraulic Services issued by Ian Stalker of Woolacotts Consulting Engineers, dated 26/06/2020
- Design Certificate for In-ground Stormwater Drainage issued by James Gilligan of Northrop Consulting Engineers, dated 23/06/2020
- Design Statement for Mechanical Building Services issued by Chris Arkins of Steensen Varming, dated 26/06/2020
- Design Certificate for Access Consulting Services issued by Tegan Ma of du Chateau Chun, dated 05/06/2020
- Letter confirming maximum number of occupants issued by Sam Rigoli of Pedavoli Architects, dated 05/06/2020
- NCC Section J JV3 Report, Reference No. 195018-SER05, Revision 5, prepared by F. Ghanem, approved by I. Van Eerden of Northrop Consulting Engineers, dated 15/06/2020
- BCA 2016 Amendment 1 Design Statement issued by Salvatore Rigoli of Perumal Pedavoli Pty Ltd, dated 05/06/2020
- Fire Engineering Report Reference No. S19033.WW, Revision FER 1.1, prepared by Lei Wang, approved by Mark McDaid of MCD Fire Engineering, dated 09/06/2020
- Structural Design Compliance Certificate issued by Jonathon Low of Northrop Consulting Engineers, dated 25/06/2020
- Structural Drawings issued by Northrop, dated 25/06/2020
- Design Statement for Electrical and Lighting Building Services issued by Ivan Mira of Steesen Varming, dated 24/06/2020
- Design Statement for Operational Waste Storage issued by Jo Drummond of EcCell Environmental Management, dated 29/06/2020
- Condition requirements and document reference for Submission of Construction Traffic and Pedestrian Management Sub-Plan in accordance with Condition B30, issued by NSW Department of Education.
- Construction Traffic and Pedestrian Management Plan – State Significant Development 9494 (Main Works) Report Reference No. P1047r03v03, Revision 3, prepared by J. Laidler of Ason Group, dated 19/06/2020
- Design Certificate for Civil Engineering Works (Condition B19) issued by James Gilligan of Northrop Consulting Engineers, dated 19/06/2020

- Letter and associated Appendices confirming compliance of Condition B4 - External Walls and Cladding, issued by Paul Nelson of Hansen Yuncken, dated 25/06/2020
- Dilapidation Report, Project Solutions Job No. 20015, State Significant Application No. SSD-9494, issued by Douglas Sandilands of Project Solutions Pty Ltd, dated 29/07/2019
- Letter regarding Request to alter the timing for the registration for Green Star Certification issued by Jim Lewis of School Infrastructure NSW, dated 22/06/2020
- Design Statement for External Lighting issued by Ivan Mira of Steesen Varming, dated23/06/2020
- Construction Environmental Management Plan (CEMP), Job No. SC126, Revision 3, prepared by Hansen Yuncken, dated 29/06/2020
- Letter regarding compliance of Condition B12 – Construction Environmental Management plan (CEMP) issued by Paul Todhunter of Hansen Yuncken, dated 29/06/2020
- Certificate of Design Intent regarding Acoustics issued by Isabella Adlington of Northrop Consulting Engineers, dated 18/06/2020
- E-mail correspondence regarding Fire Rating Treatment Register Complaince, Reference No. HY-GCOR-000952 issued by Mark McDaid of MCD Fire Engineering, dated 11/06/2020
- Weather Proofing Performance Solution Report for Project NHQC2 – New Public School, Wagga Wagga Estella Road, Revision B, prepared by Paul Nelson of Hansen Yuncken, dated 26/06/2020

CONDITIONS OF APPROVAL

PART A – CONDITIONS OF CONSTRUCTION

BCA CLAUSE	Comments
BCA 2016 Amendment One	The construction works must be undertaken and installed in accordance with the requirements of BCA 2016 Amendment One and any referenced Australian Standards in BCA 2016 Amendment One.
C1.10	Materials must have fire hazard properties in accordance with BCA Specification C1.10 as follows: - • Floor Coverings (i) a critical radian flux no less than **1.2kW/m²** sprinkler protected or **2.2kW/m²** for non-sprinkler protected buildings (ii) a maximum smoke development rate of 750 percent minutes • Wall and Ceiling linings (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 • Air handling ductwork (i) Rigid and flexible ductwork must comply with the fire hazard properties set out in AS 4254 – 1995 Note: BCA 2016 Amendment One has specific Australian Standards that must be complied with in determining the above requirements, consult BCA 2016 Amendment One to establish the relevant testing requirements prior to specifying, ordering, or installing finishes
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 2016, 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.

BCA CLAUSE	Comments
Fire Services	Any Fire Services being installation, modification or alteration must be undertaken in accordance with the listed standards of performance and BCA clause requirements of the Fire Safety Schedule.

This certificate confirms compliance to Section 6.28 of the Environmental Planning and Assessment Act 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, as listed, being achieved

Brett Clabburn
Director
Building Professionals Board / BPB0064