

01 December 2016

Our Ref: P216_058

TKD Architects
Level 1
19 Foster Street
SURRY HILLS NSW 2010

Attention: Ian Burgher

Re: Kellyville South Public School

Re: BCA / Access Capability Statement for State Significant Development Application Submission

Design Confidence has been engaged to provide building regulatory advice regarding the compliance status of the proposed educational development when assessed against the relevant prescriptive requirements as contained within the Building Code of Australia (BCA) 2016 – Volume 1.

This statement has been provided to accompany the State Significant Development Application submission for the subject development.

A broad assessment has been undertaken of the proposed design (as detailed within the documentation listed in Table 1 below).

The assessment undertaken was in the context of the relevant prescriptive provisions of the BCA, inclusive of the relevant accessibility provisions, as required from a regulatory perspective.

Table 1 – Architectural Drawings

PLAN TITLE	DRAWING NO	REVISION	DATE
Proposed Site Plan	AR-DA-1201	P6	01.12.2016
Lower Ground Floor Plan	AR-DA-2001	P6	01.12.2016
Ground Floor Plan (01/02)	AR-DA-2002	P6	01.12.2016
Ground Floor Plan (01/02)	AR-DA-2003	P6	01.12.2016
First Floor Plan	AR-DA-2004	P6	01.12.2016
Elevations	AR-DA-3001	P6	01.12.2016
Sections	AR-DA-3002	P6	01.12.2016

The broad assessment undertaken revealed that the proposed design is capable of complying with the relevant performance requirements of the BCA.

Fire Safety Measures

Table 2 below outlines the relevant statutory fire safety measures that will be provided as part of the development such that compliance with the BCA is achieved.

Table 2 – Fire Safety Measures

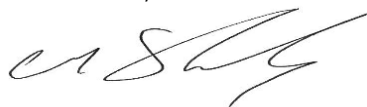
STATUTORY FIRE SAFETY MEASURES	PROPOSED STANDARD OF PERFORMANCE
SPORTS HALL	
Emergency lighting	BCA Cl. E4.2, E4.4 & AS2293.1-2005
Exit signs	BCA Cl. E4.5, E4.6, E4.8 & AS2293.1-2005
Fire hydrant system	BCA Cl. E1.3 & AS2419.1-2005
Hose reel system	BCA Cl. E1.4 & AS2441-2005
Mechanical air-handling system (automatic shutdown)	BCA Cl. E2.2 (NSW), Spec E2.2a (clause 5) & AS1670.1-2015
Mechanical air-handling system (automatic smoke exhaust)	BCA Cl. E2.2 (NSW), Spec E2.2b
Portable fire extinguishers	BCA Cl. E1.6 & AS2444-2001
Smoke and heat vents	BCA Cl. E2.2 (NSW), Spec E2.2c & AS2665-2001
Sound systems and intercom systems for emergency purposes	BCA Cl. E4.9 & AS1670.4-2015
BLOCKS A, B & C	
Emergency lighting	BCA Cl. E4.2, E4.4 & AS2293.1-2005
Exit signs	BCA Cl. E4.5, E4.6, E4.8 & AS2293.1-2005
Fire hydrant system	BCA Cl. E1.3 & AS2419.1-2005
Hose reel system	BCA Cl. E1.4 & AS2441-2005
Fire seals protecting openings in fire-resisting components of the building	BCA Cl. C3.15, Spec C3.15, AS1530.4-2014 & AS4072.1-2005
Mechanical air-handling systems (automatic shutdown)	BCA Cl. E2.2 (NSW), Spec E2.2a (clause 5) & AS1670.1-2015
Portable Fire Extinguishers	BCA Cl. E1.6 & AS2444-2001

We are of the opinion that compliance can be satisfied by either Deemed-to-Satisfy Solutions or Performance Solutions.

This statement should not be construed as relieving any other parties of their legislative obligations.

I possess Indemnity Insurance to the satisfaction of the building owner or my principal.

Yours Faithfully



Luke Sheehy
Principal
 For Design Confidence (Sydney) Pty Ltd