

BUILDING CODE OF AUSTRALIA COMPLIANCE STATEMENT

BROOKVALE PUBLIC SCHOOL

PREPARED FOR

SARM ARCHITECTS

Date: 9 April, 2019

Ref: P190098

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1.0 PLANS

The assessment is based on Development Application drawings DA 01 to DA 12, prepared by SARM Architects, and dated April 2019.

2.0 B.C.A VERSION

The version of the BCA against which this assessment is made is BCA 2016, incorporating the NSW variations and amendment 1.

3.0 BUILDING DESCRIPTION

The proposal involves the construction of a single storey school hall.

- Having a rise in stories of one (1).
- Being of class 9b.
- Required to be of Type “C” Construction.
- Having an “effective height” of less than 25 metres.

4.0 BCA ASSESSMENT

This proposal has been considered under the major BCA headings of:

- Structure
- Fire Resistance and Compartmentation
- Access and Egress
- Services and Equipment
- Health and Amenity
- Energy Efficiency

4.1 Structure – Section B

Full structural engineer’s details are to be submitted at CC stage.

4.2 Fire Resistance and Compartmentation – Section C

The building is required to be of Type “C” Construction in accordance with Part C1. External walls within 3 metres of the adjoining property boundary require an FRL in accordance with Table 5 of Specification C1.1.

4.3 Access and Egress – Section D

In general terms, the design of the egress system complies with the requirements of Section D of the BCA, noting that:

- Egress travel distances are in accordance with D1.4.
- Distance between alternative exits is in accordance with D1.5.

4.4 Services & Equipment – Section E

The building is required to be served by the following services and equipment:

- Portable fire extinguishers in accordance with AS 2441-2005.
- Emergency lighting and exit signs in accordance with AS 2293.1-2005.

4.5 Health & Amenity – Section F

- The provision of facilities complies with Part F2, noting that facilities are available in the school to serve the building whenever it is occupied.
- Room sizes are in accordance with Part F3.
- The provision of light and ventilation complies with Part F4, provided areas without natural ventilation are mechanically ventilated.

4.6 Energy Efficiency – Section J

The premises is required to comply with the energy efficiency requirements of Section J.

5.0 CONCLUSION/DESIGN STATEMENT

The opinion is held that the design complies or is readily capable of complying with the Deemed-to-Satisfy and/or Performance provisions of BCA 2016.

Signed

At Protas

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