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BUILDING REGULATIONS CONSULTANTS

BUILDING CODE OF AUSTRALIA COMPLIANCE STATEMENT

**ALL SAINTS CATHOLIC SENIOR COLLEGE
CASULA**

**PREPARED FOR
SYDNEY CATHOLIC SCHOOLS**

Date: 24 July 2017
Ref: P170198

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1.0 PLANS

The assessment is based on the Development Application drawings prepared by Fulton Trotter Architects.

2.0 B.C.A VERSION

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

3.0 BUILDING DESCRIPTION

The proposal involves refurbishment/alterations and additions of administrative and classroom buildings.

For the purposes of the BCA, the premises may be described as follows:

- Having a rise in stories of one (1) & two (2).
- Being of class 5 & 9b
- Required to be of Type 'B' & '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

New building works are required to be of Type 'B' & 'C' Construction in accordance with Part C1. The construction depicted generally complies with the requirements for Type 'B' & 'C' Construction.

Fire compartment size does not exceed the maximum permitted under Table C2.2.

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 stairs only connect two (2) storeys and are not required to be fire isolated.
- Egress travel distances and distance between exits are in accordance with D1.4 and D1.5.
- Egress widths are in accordance with D1.6.
- Access for people with disabilities is subject to a report from the Access Consultant.

4.4 Services & Equipment – Section E

The buildings are required to be served by the following services and equipment:

- Fire hydrants in accordance with AS 2419.1-2005.
- Fire hose reels in accordance with AS 2441-2005.
- Portable fire extinguishers in accordance with AS 2441-2005.
- Emergency lighting and exit signs in accordance with AS 2293.1-2005.
- Automatic shutdown of ducted air handling systems in accordance with NSW Table E2.2.

4.5 Health & Amenity – Section F

- The provision of facilities complies including accessible facilities with Part F2, noting general sanitary facilities are available in the school.
- 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 proposed building and works are required to comply with the energy efficiency requirements.

5.0 CONCLUSION/DESIGN STATEMENT

The opinion is held that the proposed works comply or are readily capable of complying with the Deemed-to-Satisfy provisions of BCA 2016.

Signed

A handwritten signature in black ink, consisting of a large, stylized 'A' followed by a horizontal line and a small flourish.

Anthony Protas
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