



Anthony Protas Consulting Pty Ltd
BUILDING REGULATIONS CONSULTANTS

BUILDING CODE OF AUSTRALIA COMPLIANCE STATEMENT

**GOOD SAMARITAN CATHOLIC COLLEGE
HITCHINBROOK**

PREPARED FOR

SYDNEY CATHOLIC SCHOOLS

Date: 22 March, 2018
Ref: P180070

INDEX

CONTENTS	PAGE
1.0 PLANS.....	1
2.0 BCA VERSION.....	1
3.0 BUILDING DESCRIPTION.....	1
4.0 SCOPE OF WORKS.....	1
5.0 BCA ASSESSMENT.....	1
5.1 Structure – Section B.....	1
5.2 Fire Resistance & Compartmentation – Section C.....	1
5.3 Access & Egress – Section D.....	2
5.4 Services & Equipment – Section E.....	2
5.5 Health & Amenity.....	2
5.6 Section J – Energy Efficiency.....	4
6.0 CONCLUSION/DESIGN STATEMENT.....	4

1.0 PLANS

The assessment is based on Development Application drawings prepared by JDH 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 alterations and additions to an existing classroom building. For the purposes of the BCA, the premises may be described as follows:

- Having a rise in stories of two (2).
- Being of class 9b.
- Required to be of Type “B” 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

5.1 Structure – Section B

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

5.2 Fire Resistance and Compartmentation – Section C

The building is required to be of Type “B” Construction in accordance with Part C1. It is noted that:

- External columns and column incorporated into external walls, within 18 metres of other buildings, will require an FRL in accordance with Table 4 of Spec. C1.1.

- Internal columns supporting the first floor require an FRL of 120/-/-.
- Internal columns supporting the roof (other than incorporated into external walls), do not require an FRL.
- The storage cupboard below the stair requires an FRL of 60/60/60 enclosure, including FRL -/60/30 fire door.

5.3 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:

- The egress stairs are not required to be fire isolated (D1.3).
- Egress travel distances are in accordance with D1.4.
- Access for people with disabilities is available to and within the building via lift and access ramps.
- Two (2) accessible units are provided in accordance with Table 9.1.

5.4 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.
- Fire hydrants in accordance with AS 2419.1-2005.
- Fire hose reels in accordance with AS 2441-2005.
- Lift with accessible controls etc. in accordance with AS 1735.12-1999.

5.5 Health & Amenity – Section F

- The provision of facilities complies including accessible facilities with Part F2, noting that existing facilities are located throughout 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.

5.6 Section J – Energy Efficiency

The proposed works are required to comply with the energy efficiency provisions of Section J.

6.0 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, appearing to be 'Anthony Protas', with a large loop at the start and a trailing flourish.

Anthony Protas
Anthony Protas Consulting Pty Ltd