



DESIGN CONFIDENCE

Access Design Assessment Report

Billard Leece Partnership (BLP)

Picton High School Redevelopment  
480 Argyle Street  
Picton NSW 2571

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Project: Picton High School Redevelopment  
 Document Type: Access Design Assessment Report  
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#### Revision History -

OUR REFERENCE	REMARKS	ISSUE DATE
P217_007-1 (ACCESS) NH	Report to suit 95% Schematic Design documentation	15 January 2018
P217_007-2 (ACCESS) NH	Report updated to reflect email correspondence issued on the 29 March 2018	04 April 2018

## 1.0 INTRODUCTION

### 1.1 General

This report has been prepared at the request of Billard Leece Partnership (BLP) on behalf of the Department of Education and relates to the proposed redevelopment of Picton High School, located at 480 Argyle Street, Picton NSW 2571.

### 1.2 Purpose of Report

The purpose of this report is to identify the extent to which the architectural design documentation complies with the *accessibility provisions* of the Building Code of Australia 2016 (hereinafter referred to as the BCA), as are principally contained within Part D3, E3.6 & F2.4 of the BCA.

This report is based upon, and limited to, the information depicted in the documentation provided for assessment, and does not make any assumptions regarding 'design intention' or the like.

### 1.3 Documentation Provided for Assessment

This assessment is based upon the architectural documentation prepared by Billard Leece Partnership (BLP) and listed within Appendix 1.

### 1.4 Report Exclusions

It is conveyed that this report should not be construed to infer that an assessment for compliance with the following has been undertaken –

- (i) Work Health & Safety Act and Regulations; and
- (ii) WorkCover Authority requirements; and
- (iii) Structural and Services Design Documentation; and
- (iv) The Disability Discrimination Act (DDA) 1992; and
- (v) Any parts of the BCA or any standards other than those directly referenced in this report.
- (vi) An accessibility assessment of the existing building or building parts.

## 2.0 DEVELOPMENT DESCRIPTION

### 2.1 General

In accordance with the BCA, the assessment undertaken relates to the proposed redevelopment of Picton High School.

### 2.2 Building Description

The proposed redevelopment is to be comprised of multiple uses, being new teaching spaces, gymnasium and staff offices/amenities, in addition to the existing hall.

The building achieves a Class 5 & Class 9b classification.

### 2.3 BCA Assessment – Interpretation Notes

To provide the reader with additional context, the following information regarding assessment methodology used in this assessment is provided below-

- (i) The following rooms / areas have been afforded the concession under D3.4 and access for people with disabilities need not be provided to these areas –
  - Plant and equipment rooms (and associated accessways);
  - Storerooms;
  - Cleaners room; and
  - Service rooms.

## 3.0 BCA ACCESS DESIGN ASSESSMENT SUMMARY

### 3.1 General

The following table summarises the compliance status of the architectural design in terms of each *applicable* prescriptive provision of the BCA and indicates a capability for compliance with the BCA.

Although, it should be recognised that instances exist where 'Does not Comply' occurs, or 'Design Detail' is required.

Such instances should not necessarily be considered BCA deficiencies; but matters which need to be considered by the design team and any assessment authority at relevant stages of design and/or assessment.

For those instances of either 'Does not Comply' or 'Design Detail', a detailed analysis and commentary is provided within Part 4.0 of this report.

### 3.2 Part D3 – Access for People with Disabilities

BCA CLAUSE		COMPLIES	DOES NOT COMPLY	DESIGN DETAIL
D3.1	General building access requirements			✓
D3.2	Access to buildings			✓
D3.3	Parts of buildings to be accessible			✓
D3.5	Accessible carparking			✓
D3.6	Signage			✓
D3.7	Hearing augmentation			✓
D3.8	Tactile indicators			✓
D3.9	Wheelchair seating spaces in Class 9b assembly buildings			✓
D3.10	Swimming pools		N/A	
D3.11	Ramps			✓
D3.12	Glazing on an accessway			✓

### 3.3 Part E3 – Lift Installations

BCA CLAUSE		COMPLIES	DOES NOT COMPLY	DESIGN DETAIL
E3.6	Passenger lifts			✓

### 3.4 Part F2 – Sanitary and Other Facilities

BCA CLAUSE		COMPLIES	DOES NOT COMPLY	DESIGN DETAIL
F2.4	Accessible sanitary facilities			✓

## 4.0 BCA DETAILED ASSESSMENT

### 4.1 General

With reference to the 'Assessment Summary' contained within Part 3.0 of this report, the following detailed analysis and commentary is provided.

This commentary is formulated to enable the design documentation to be further progressed, for the purpose of evidencing the attainment of compliance with the relevant 'accessibility provisions' of the BCA.

Access is required to and throughout the building to the extent nominated within the BCA and as identified below.

### 4.2 Part D3 – Access for People with Disabilities

#### D3.1 General building access requirements

Concern is raised with a shortfall of access provided to and within the Design & Technology space located at the south-east corner of lower ground floor is provided with stairway access only.



The following matters are raised, not as deficiencies, but items to be addressed during design progression -

#### ☐ Floor or ground surfaces

- (i) A continuous accessible path of travel and any circulation spaces shall have a slip-resistant surface. The texture of the surface shall be traversable by people who use a wheelchair and those with ambulant or sensory disability –
  - Abutment of surfaces shall have a smooth transition. Design transition shall be 0mm, however, construction tolerances are as follows  $-0 \pm 3\text{mm}$  vertical change in level;
  - $0 \pm 5\text{mm}$  change in level provided the edges have a bevelled or rounded edge to reduce the likelihood of tripping.

### D3.1 General building access requirements

- (ii) Where carpets or any soft flexible materials are used on the ground or floor surface –
  - The pile height or pile thickness, shall not exceed 11mm and the carpet backing thickness shall not exceed 4mm;
  - Exposed edges of floor covering shall be fastened to the floor surface and shall have a trim along the entire length of any exposed edge;
  - At the leading edges, carpet trims and any soft flexible materials shall have a vertical face no higher than 3mm or a rounded bevelled edge no higher than 5mm or above that height a gradient of 1:8 up to a total maximum height of 10mm.
- (iii) Matting recessed within an accessible path of travel –
  - Where of metal and bristle type construction or similar, its surface shall be no more than 3mm if vertical or 5mm if rounded or bevelled, above or below the surrounding surface; and
  - Where of a mat or carpet type material, shall have the fully compressed surface level with or above the surrounding surface with a level difference no greater than 3mm if vertical or 5mm if rounded or bevelled.
- (iv) Grates within an accessible path of travel –
  - Circular openings shall be not greater than 13 mm in diameter; or
  - Slotted openings shall be not greater than 13 mm wide and be oriented so that the long dimension is transverse to the dominant direction of travel; or
  - Where slotted openings are less than 8 mm, the length of the slots may continue across the width of paths of travel.

#### ☐ Doorways / doors

- (i) All doors to have a minimum 850mm clear width and appropriate latch side clearance compliant with AS1428.1-2009;
- (ii) Doors to be located on level landing areas with maximum 1:40 grade fall over a 1450mm depth clearance;
- (iii) Doors to have minimum 1450mm clearances between open doors swings within airlocks/vestibules;
- (iv) Door operational force to be lightweight in design to satisfy the operational requirements of AS1428.1-2009. Where this cannot be achieved, automatic or power-operated doors are required;
- (v) All doorways shall have a minimum luminance contrast of 30% between –
  - door leaf and door jamb;
  - door leaf and adjacent wall;



### D3.1 General building access requirements

- architrave and wall;
- door leaf and architrave; or
- door jamb and adjacent wall.

The minimum width of the area of luminance contrast shall be 50mm;

- (vi) Provide compliant door hardware located at a suitable location in accordance with AS1428.1-2009.

Detail shall be provided within future design progression for compliance assessment and comment by this office.

### D3.2 Access to buildings

An accessway must be provided to each building required to be accessible –

- (i) From the main points of pedestrian entry at the allotment boundary;
- (ii) From another accessible building connected by a pedestrian link;
- (iii) From any required accessible carparking space on the allotment.

An accessway must be provided through principal pedestrian entrance and not less than 50% of all pedestrian entrances and where a pedestrian entrance is not accessible it must not be located more than 50m from an accessible entrance.

Detail shall be provided within future design progression for compliance assessment and comment by this office.

### D3.3 Parts of buildings to be accessible

The following matters are raised, not as discrepancies, but items to be addressed during design progression -

#### ☐ Paths of travel

- (i) Accessways to have passing spaces of 1800mm wide x 2000mm length at maximum 20m intervals on those parts of an accessway where a direct line of sight is not available;
- (ii) Turning spaces for wheelchair 180° turns require 1540mm wide by 2070mm long within 2m of the ends of accessways and at maximum 20m intervals.

#### ☐ Walkways

- (i) a maximum gradient of 1:20, the gradient shall be constant throughout its length;
- (ii) walkways with a gradient of 1:33 shall have landings at maximum 25 metre intervals;
- (iii) walkways with a gradient of 1:20 shall have landings at maximum 15 metre intervals;

### D3.3 Parts of buildings to be accessible

- (iv) if no wall of minimum 450mm height, kerb or handrail and kerbrail is provided, the floor or ground surface abutting the sides of a walkway shall have a firm and level surface of a different material to that of the walkway at the same level of the walkway.

#### ☐ Ramps

- (i) A maximum gradient of 1:14, the gradient shall be constant throughout its length, with a maximum allowable tolerance of 3% provided no section of the ramp is steeper than 1:14; and
- (ii) Provide top, bottom and mid-landings, suitable for wheelchair turning in accordance with clause 10.8 of AS1428.1-2009; and
- (iii) The ramp shall be provided with a handrail on each side complying with clause 12 of AS1428.1-2009; and
- (iv) Handrails shall extend a minimum of 300mm horizontally past the transition point at the top and bottom of the ramp; and
- (v) Ramps and intermediate landings shall have kerbs or kerb rails on both sides of the ramp, complying with clause 10.3 of AS1428.1-2009 –
  - Kerbing to be between 65-75mm height above FFL; or
  - At least 150mm height above FFL.

#### ☐ Threshold ramps

Threshold ramps at doorways shall –

- (i) Have a maximum rise of 35mm;
- (ii) Have a maximum length of 280mm;
- (iii) A maximum gradient of 1:8; and
- (iv) Be located within 20mm of the door leaf.

#### ☐ Step ramps

Step ramps shall –

- (i) Have a maximum rise of 190mm;
- (ii) Have a maximum length of 1900mm;
- (iii) A maximum gradient of 1:10; and
- (iv) Have a suitable barrier of 450mm height or a kerb/kerb rail where there is an open balustrade.

#### ☐ Kerb ramps

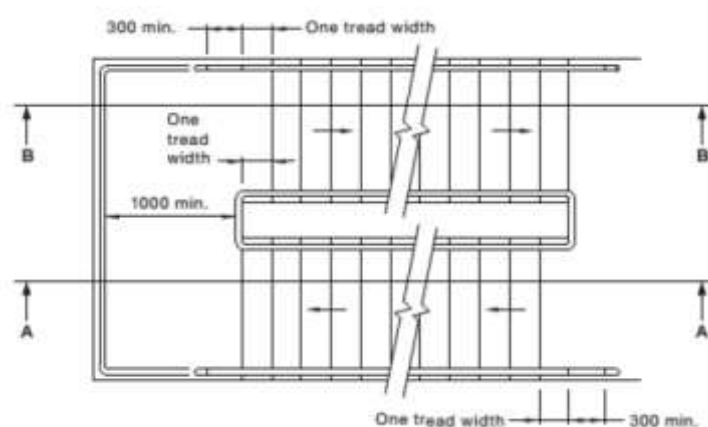
- (i) a maximum rise of 190 mm;

### D3.3 Parts of buildings to be accessible

- (ii) a length not greater than 1520 mm; and
- (iii) a gradient not steeper than 1 in 8, located within or attached to a kerb.

#### ☐ Stairway/s

- (i) Stair located within internal corridors to be recessed 1 tread width and handrail extension with downturn to avoid protrusion into traverse path of travel;
- (ii) Any riser contained within a stairway must be opaque;
- (iii) Riser to have a maximum vertical splay of 25mm from the nosing;
- (iv) Stair nosings shall not project beyond the face of the riser more than 10mm and can be setback 15mm from the tread;
- (v) Stair nosing profiles shall
  - be chamfered up to 5 mm × 5 mm; or
  - have a sharp intersection; or
  - be rounded up to 5 mm radius.
- (vi) At the nosing, each tread shall have a strip not less than 50 mm and not more than 75mm deep across the full width of the path of travel with 30% luminance contrast to the background.
- (vii) Stairway/s, except a fire-isolated stairway, must comply with clause 11 and 12 of AS1428.1-2009;
- (viii) A fire-isolated stairaway must comply with Clause 11.1(f) and (g) and Clause 12 of AS1428.1-2009. This may require an offset tread (see Figure 1 below) –



**Figure 1** – Offset tread within fire stairs

#### ☐ Controls, Switches and GPOs

- (i) Intercoms and door release devices to be located between 900-1250mm from FFL and no less than 500mm from an internal corner, compliant with AS1428.1-2009;

### D3.3 Parts of buildings to be accessible

- (ii) Power-operated doors to have raised buttons of 25mm in diameter. Controls to be located between 1-2m of door in its open position and 900-1250mm from FFL, no less than 500mm from an internal corner in accordance with AS1428.1;
- (iii) All light switches located on the accessible path of travel and in accessible sanitary compartments shall be located at least 500mm from internal corners. The centreline of all light switches shall be horizontally with the centreline of all door handles;
- (iv) Rocker action and toggle light switches in accessible sanitary compartments shall have a minimum dimension of 30mm x 30 mm;
- (v) All push pad switches shall have a minimum diameter of 25mm.

Detail shall be provided within future design progression for compliance assessment and comment by this office.

### D3.5 Accessible carparking

An accessible carparking space and associated shared area is required to be provided in size and features to comply with the requirements of AS/NZS 2890.6-2009.

The required number of accessible car spaces shall be provided in accordance with Table D3.5 of the BCA, being 1 space for every 100 carparking spaces or part thereof.

The following matters are raised, not as deficiencies, but items to be addressed during design progression -

- (i) The accessible car space and associated shared area shall be free of obstructions (i.e. wheel stops and the like); and
- (ii) Accessible car bay and associated shared zone to have a minimum vertical clearance no less than 2500mm. The vertical clearance leading to the accessible car bay may not be less than 2200mm; and
- (iii) The dedicated space shall be identified by means of a white symbol of access in accordance with AS1428.1 between 800mm-1,000mm high placed on a blue rectangle with no side more than 1,200mm, placed in the centre of the space between 500mm-600mm from its entry point and outlined with yellow unbroken lines 80mm-100mm wide on all sides; and
- (iv) The shared area shall be outlined with yellow unbroken lines 80mm-100mm wide on all sides and marked with diagonal stripes 150mm-200mm wide @ 45° with spaces 200mm-300mm between stripes.

Detail shall be provided within future design progression for compliance assessment and comment by this office.

### D3.6 Signage

Clear and legible Braille and tactile signage complying with Specification D3.6 of the BCA and incorporating the international symbol of access or deafness, in accordance with AS1428.1 and located between 1200-1600mm from the floor must identify each –

- (i) Accessible sanitary facilities identifying if the facility is left or right-handed use, and
- (ii) Ambulatory accessible sanitary facilities; and
- (iii) Directional signage at sanitary facilities to indicate the location of nearest accessible sanitary facility where not evident; and
- (iv) Directional signage to indicate location of nearest accessible pedestrian entrance; and
- (v) Door required by E4.5 to be provided with an exit sign and state "Exit" and "Level" and either the floor level number indicating the level number or floor level descriptor or combination of both; and
- (vi) Areas with a hearing augmentation system.

Signage detail and location shall be provided within future design progression for compliance assessment by this office.

### D3.7 Hearing augmentation

If any room is provided with an inbuilt amplification system then it is to be provided with a hearing augmentation system complying with one of the following:-

- (i) An induction loop provided to not less than 80% of the floor area of the room/spaced served by the inbuilt amplification system; or
- (ii) A system requiring the use of receivers or the like available to not less than 95% of the floor area of the room or space served by the inbuilt amplification system. The number of receivers provided shall be calculated based on number of persons accommodated within the area.
- (iii) Any screen or scoreboard associated with a Class 9b building and capable of displaying public announcements must be capable of supplementing any public address system, other than a public address system used for emergency warning purposes only.

Detail shall be provided within future design progression for compliance assessment and comment by this office.

### D3.8 Tactile indicators

Tactile ground surface indicators complying with sections 1 & 2 of AS1428.4.1 must be provided to warn people with a vision impairment that they are approaching –

- (i) A stairway (other than a fire isolated stairway), and

D3.8	<p><u>Tactile indicators</u></p> <p>(ii) Ramps, and</p> <p>(iii) An overhead obstruction less than 2m above floor level (other than a doorway).</p> <p>Detail shall be provided within future design progression for compliance assessment and comment by this office.</p>
D3.9	<p><u>Wheelchair seating spaces in Class 9b assembly buildings</u></p> <p>Where fixed seating is provided within Class 9b buildings, wheelchair seating spaces compliant with AS1428.1-2009 must be provided.</p> <p>Number and grouping of seating shall be provided within future design progression for compliance assessment and comment by this office.</p>
D3.10	<p><u>Swimming pools</u></p> <p>No swimming pools has been proposed.</p>
D3.11	<p><u>Ramps</u></p> <p>See section D3.3 above.</p>
D3.12	<p><u>Glazing on an accessway</u></p> <p>Where there is no chair rail, handrail or transom, all frameless or fully glazed doors, sidelights, including any glazing capable of being mistaken for a doorway or opening, shall be clearly marked for their full width with a solid contrasting line.</p> <p>The contrasting line shall be not less than 75mm wide and shall extend across the full width the glazing panel. The lower edge of the contrasting line shall be located between 900mm and 1000mm above the plane of the finished floor level.</p> <p>Any contrasting line on the glazing shall provide a minimum of 30% luminance contrast when viewed against the floor surface or surfaces within 2m of the glazing on the opposite side.</p> <p>Detail shall be provided within future design progression for compliance assessment and comment by this office.</p>

#### 4.3 Part E3 – Lift Installations

E3.6	<p><u>Passenger lifts</u></p> <p>The proposed passenger lifts must comply with the following –</p> <p>(i) Passenger lift to be an approved type in accordance with the BCA, Table E3.6a;</p> <p>(ii) Not rely on a constant pressure device for its operation if the lift car is fully enclosed;</p>
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#### E3.6 Passenger lifts

- (iii) Be provided with a handrail complying with Clause 5.3 AS1735.12-1999 (i.e. not more than 500mm from any button or operating device and between 850-950mm above the floor);
- (iv) Have a minimum floor dimension of not less than 1,100mm x 1,400mm if the lift travel is less than 12m;
- (v) Have a minimum floor dimension of not less than 1,400mm x 1,600mm if the lift travel is more than 12m;
- (vi) Have minimum clear width of car door openings of 900mm in accordance with Section 2 of AS1735.12-1999;
- (vii) Have a passenger protection system in accordance with Clause 4.2 of AS1735.12-1999;
- (viii) Have lift call buttons at landings in accordance with Section 7 of AS1735.12-1999 (i.e. located between 900mm and 1200mm above the floor);
- (ix) Have internal lift car control buttons in accordance with Section 7 of AS1735.12-1999 (i.e. located between 700mm and 1250mm above the floor);
- (x) Have lighting to the lift car in accordance with Section 10 of AS1735.12-1999 (i.e. compliant with AS/NZS1680.0-2009);

In addition to the above, lifts serving more than 2 levels must comply with the following -

- (xi) Have automatic audible information within the lift car to identify level each time the car stops;
- (xii) Have audible and visual indication at each lift landing to indicate the arrival of the lift car; and
- (xiii) Have emergency hands-free communication, including a button to alert a call centre of a problem and a light to signal that the call has been received.

Detail shall be provided within future design progression for compliance assessment and comment by this office.

## 4.4 Part F2 – Accessible sanitary and other facilities

#### F2.4 ☐ Accessible Sanitary Facilities

- (i) Provide 1 accessible unisex sanitary compartment at each bank of male / female toilets on each storey; and
- (ii) Where a storey contains more than 1 bank of male / female sanitary compartments, no less than 50% to contain an accessible unisex sanitary compartment; and

- (iii) Where there are two or more accessible unisex sanitary facilities provided, ensure a balance of left and right handed facilities; and
- (iv) The internal dimensions and locations of fixtures and fittings shall comply with Clause 15 of AS1428.1-2009.

☐ Ambulant Sanitary Facilities

At each bank of toilets where there is more than one or more toilets in addition to an accessible unisex sanitary compartment at that bank of toilets, a sanitary compartment suitable for a person with an ambulant disability in accordance with AS1428.1 must be provided for use by males and females.

The internal dimensions and locations of fixtures and fittings shall with comply with Clause 16 of AS1428.1-2009.

Detail shall be provided within future design progression for compliance assessment and comment by this office.

Report By



Nicolas Hurtado  
**Associate**

For Design Confidence (Sydney) Pty Ltd

Verified By



Luke Sheehy  
**Principal**

For Design Confidence (Sydney) Pty Ltd



## APPENDIX 1

This Accessibility Design Assessment was based upon the architectural documentation prepared by Billard Leece Partnership (BLP), namely –

DRAWING NUMBER	DESCRIPTION	DATE
AA03-0001	Site Context - Proposed	23.02.2018
AA10-0001	Plan – General Arrangement – Lower Ground Floor Plan	23.02.2018
AA10-0002	Plan – General Arrangement - Ground Floor Plan A	23.02.2018
AA10-0003	Plan – General Arrangement - Ground Floor Plan B	23.02.2018
AA10-0004	Plan – General Arrangement - First Floor Plan	23.02.2018
AA20-0001	ELEVATIONS - GENERAL ARRANGEMENT - SHEET 1	23.02.2018
AA20-0002	ELEVATIONS - GENERAL ARRANGEMENT - SHEET 2	23.02.2018
AA20-0003	ELEVATIONS - GENERAL ARRANGEMENT - SHEET 3	23.02.2018

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04 April 2018

Our Ref: P217\_007

Billard Leece Partnership  
50 Holt Street  
SURRY HILLS NSW 2010

Attention: Shane Wood

**Re: Picton High 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**

DRAWING NUMBER	DESCRIPTION	DATE
AA03-0001	Site Context - Proposed	23.02.2018
AA10-0001	Plan – General Arrangement – Lower Ground Floor Plan	23.02.2018
AA10-0002	Plan – General Arrangement - Ground Floor Plan A	23.02.2018
AA10-0003	Plan – General Arrangement - Ground Floor Plan B	23.02.2018
AA10-0004	Plan – General Arrangement - First Floor Plan	23.02.2018
AA20-0001	ELEVATIONS - GENERAL ARRANGEMENT - SHEET 1	23.02.2018
AA20-0002	ELEVATIONS - GENERAL ARRANGEMENT - SHEET 2	23.02.2018
AA20-0003	ELEVATIONS - GENERAL ARRANGEMENT - SHEET 3	23.02.2018

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
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
Portable fire extinguishers	BCA Cl. E1.6 & AS2444-2001
Smoke and heat vents	BCA Cl. E2.2 (NSW), Spec E2.2c & AS2665-2001
Fire seals protecting openings in fire-resisting components of the building	BCA Cl. C3.12, C3.15, Spec C3.15, AS1530.4-2014 & AS4072.1-2005
Fire walls	BCA Cl. C2.7
Fire Doors	BCA Cl. C3.5 & AS1905.1-2015
Protection of openings in separate fire compartments	BCA Cl. C3.3 & C3.4

Our strategy for ensuring compliance will be refined and documented over the coming months in conjunction with the continual development of the architectural & specialty consultant documentation, if required.

In order to achieve compliance with the BCA, whilst preserving the functional and aesthetic requirements of the project, the use of performance-based designs may be required. It is our belief that performance-based design can deliver a building that meets the Performance Requirements of the BCA.

We are of the opinion that compliance can be achieved, be it via either complying with the DTS provisions or Performance requirements of the BCA.

We trust that the above information is sufficient for the Department of Planning in assessing the merit architectural design from a planning perspective.

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