

21 February 2020,  
Sydney NSW 2000

## Architectural Design Statement Compliance with the Building Code of Australia (2016)

Address: Bennelong Point, Sydney  
Project: Sydney Opera House – Entry Foyer  
DA: SSD 8663

1. Specification C1.10, NSW Clause C1.10 of the Building Code of Australia ("BCA") requires floors, walls and ceilings to comply with Group Numbers, CRF values and smoke developed indices requirements as nominated in that part of the BCA.
2. Clause D2.21 of the BCA requires all door handles to ... *"be readily openable without a key from the side that faces a person seeking egress, by a single hand downward action (lever must provide sufficient grip for a person who cannot grip will not slip from the handle during operation & have a clearance between the handle and the back plate or door face not less than 35mm and not more than 45mm) or pushing action on a single device which is located between 900mm and 1,100mm from the floor, except if it is fitted with a fail-safe device ..."*

*Note 1: If fail safe devices are proposed then compliance with BCA D2.21 and D2.19 is required as applicable (FIP failsafe).*  
*Note 2: Panic Bars required to all areas accommodating more than 100 persons.*
3. Clause D1.6 of the BCA requires all exits and paths of travel to an exit including spacing of shop fittings, desks, benches, etc. to have a minimum unobstructed width of 1m.

Accordingly, it is specified that for the proposed works for **the Creative Learning Centre** at the above premises:

- All floor, wall and ceiling materials and linings are specified to have fire hazard properties complying with Specification C1.10 of the BCA as applicable, except where a performance solution has been included to the Fire Engineering Report; and
- Panic Bars and Free Egress doors do not comply with the BCA 2016 DTS requirements however Panic Bars and Free Egress doors have been placed as per advice provided by the centralized Fire Engineer consultant in email *RE: CLC Fire Egress and Fire Doors and Markup dated 20/03/2017 by Arup* and by the BCA consultant in the *BCA Summary 2016 – Front of House – CLC – Tender – Rev A1 dated 12/05/2017 prepared by Group DLA*.
- The Egress doors with SOH custom Z-shaped push-pull handles have been reviewed and accepted by the BCA consultant (refer GDLA-GCOR-000196). All other door handles are as per BCA Clause D2.21.
- All exits and paths of travel to an exit from any point on the floor are specified to comply with Clause D1.6 of the BCA, except where a performance solution has been included to the Fire Engineering Report or the Access Report to cover the non-compliance. The exits and paths of travel to an exit, including their unobstructed width, are documented in drawing 49-BR-TZG07-A004\_C00.

### Applicant Details:

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Signature:



Date: 21.02.20