ARCHITECTURAL DESIGN STATEMENT
COMPLIANCE WITH THE BUILDING CODE OF AUSTRALIA (2016)

ADDRESS:	2 Circular Quay East, Bennelong Point, Sydney
PROJECT:	Sydney Opera House Concert Hall Renewal

1. Specification 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. BCA Specification C1.1 Clause 2.4 & 4.1(b) illustrates the restrictions on using combustible external wall cladding and internal wall lining. Such non-compliant products include but are not limited to certain Alucabonds, Alucabest, Apolic, Kingspan, other certain composite panels, timber etc.
3. Office areas and the like - 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: If fail safe devices are proposed then compliance with BCA D2.21 and D2.19 is required as applicable (FIP failsafe).
4. Public areas – NSW Clause D2.21 of the BCA requires all doors to be operational by a single hand pushing action on a single device such as a panic bar located between 900 mm and 1200mm from floor level

   Note: If fail safe devices are proposed then compliance with BCA D2.21 and D2.19 is required as applicable (FIP failsafe).
5. Part B1 of the BCA requires all glazing to comply with Australian Standard 1288 – 2006 and AS 2047 – 1999.
6. 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.
7. Part J3 of the BCA requires all new doors, windows, vents, flues and the like to contain certain elements to support building sealing such as air infiltration strips, dampers, self-closing doors, etc. that form part of the building envelope.
8. The design is required to comply with SSD 8663 Conditions C17 & C20.
9. The architectural plans are required to be consistent with the SSD 8663 stamp approved plans.
10. The architectural plans are required to be consistent with the Section 60 Heritage approved plans.

Accordingly, it is specified that for the proposed works at the above premises:

- All floor, wall and ceiling materials and linings will have fire hazard properties complying with Specification C1.10 of the BCA as applicable; and
- No combustible external cladding or linings have been chosen, and will not be chosen, for this project: and
- All door handles and locks will comply with Clause D2.21 and NSW Clause D2.21 of the BCA; and
- All glazing will comply with AS 1288-2006 and 2047; and
- All non-loadbearing components will comply with AS 1170.4-2007
- All exits and paths of travel to an exit from any point on the floor will comply with Clause D1.6 of the BCA and/or the Concert Hall final version of the FER.
- Building sealing has been designed to comply with Part J3 of the BCA.
- The design illustrates compliance with SSD 8663 Conditions C17 & C20.
- The architectural plans are consistent with the SSD 8663 stamp approved plans.
- The architectural plans are consistent with the Section 60 Heritage approved plans.

Applicant Details:		
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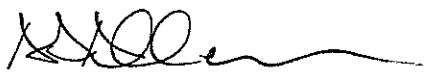
Signature:		**Date:** 13.02.2020