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08/06/2018

Our Ref: GDL160106

The University of Sydney
Attn: Gregory Robinson
22 Codrington Street
Darlington NSW 2008

The University of Sydney
Chau Chak Wing Museum, University Avenue, Camperdown NSW 2050

SECTION 6.28 CROWN CERTIFICATE - BCA DESIGN COMPLIANCE STATEMENT

Further to our engagement for the abovementioned project, please find attached the Building Code of Australia (BCA) Design Compliance Review completed in respect to the proposed works i.e. Stage 1 – Civil works/inground services & substructure, as required by Section 6.28 of the Environmental Planning and Assessment Act.

In reviewing the content herein, we draw particular attention to both the design documentation listed and conditions of approval listed in this Crown Certificate.

In terms of the conditions of approval, the content therein reflects BCA related matters that either did not comply and requires amendment, or could not be found in the documentation provided.

The builder and the crown authority need to be aware of these conditions whilst undertaking the works, as they represent items that we shall either be focusing on in the inspection or be seeking installation certificates for on completion of the works, and it is the responsibility of the crown authority and builder engaged for the works to ensure these are complied with as part of the works.

Should you have any further enquiries please do not hesitate to contact Paul Schenko.

Yours faithfully

Justin Jones-Gardiner
Director

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BCA DESIGN COMPLIANCE REVIEW

PRELIMINARIES

CERTIFICATE NO.	GDL160106
Property Details	Chau Chak Wing Museum, University Avenue, Camperdown NSW 2050
Client	The University of Sydney
Date	08/06/2018
Proposal	Stage 1 – Civil works/inground services & substructure.

DEVELOPMENT DESCRIPTION

Proposed Works	Description
Classification(s):	Class 9b, 7b & 5
Use:	Assembly, storage, education & office
Subject Area:	Stage 1 – Civil works/inground services & substructure.

BASIS OF CERTIFICATION

This certificate is based upon:-

- The NCC Building Code of Australia (BCA) 2016
- The Design Documentation listed in this certificate below

EXCLUSIONS

This certificate relates only to the assessment and application of the Building Code of Australia to the proposed building works contained within the Design Documentation listed below and excludes:-

- General (non-BCA) electrical, mechanical, hydraulic building services
- Service providers requirements relating to electricity, gas, water and telecommunications
- The regulatory compliance of existing components/areas of the premises/site unaffected by the works.
- Disability (Access to Premises – Buildings) Standards 2010 compliance
- Development Consent, and any assessment as to the requirement for obtaining planning consent and any conditions to any consents obtained, as this only relates to an assessment of elements listed in Section 6.28 of the Environmental Planning and Assessment Act.

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STATEMENT OF COMPLIANCE

We hereby confirm that the proposed design shall accord with the relevant principles and provisions of the Building Code of Australia 2016 subject to :-

- Compliance with the conditions of approval nominated below; and

DESIGN DOCUMENTATION

The following architectural documentation was reviewed as part of this assessment;

No.	Titled	Prepared by	Revision	Dated
JPW-DA-A-0500	Site Plan	JPW Architects	02	20/11/2017
JPW-DA-A-1001	General Arrangement Plan – Lower Level 2 – Plan 1	JPW Architects	02	20/11/2017
JPW-DA-A-1002	General Arrangement Plan – Lower Level 2 – 2	JPW Architects	02	20/11/2017

SUPPLEMENTARY DOCUMENTATION

The following additional documentation was reviewed as part of this assessment;

- Letter regarding 'Complaint and Enquiries' procedure issued by Branko Mihaljevic of FDC Construction Pty Ltd, dated May 2018
- Letter accompanying Dilapidation Reports issued by Richard Weller of Cardno, dated 08/05/2018
- Waste Management Plan and associated email issued, by Branko Mihaljevic of FDC Construction Pty Ltd, dated 05/06/2018
- Construction Noise and Vibration Management Plan and associated email, issued by Sean Hook of FDC Construction Pty Ltd, dated 18/05/2018
- Email Confirmation regarding Condition A5, issued by David Gibson of Planning NSW, dated 07/06/2018
- Complaints and Enquiries Register issued by FDC Construction Pty Ltd
- Electricity Network Connection Application and associated drawings issued by Lingasen Pather of Ausgrid, dated 02/11/2017
- Letter of Confirmation Works Commencement issued by Branko Mihaljevic of FDC Construction Pty Ltd, dated 08/06/2018
- Construction Traffic Management Plan, Certificate No. 0039532366, Revision 4, issued by Mark Walsh, dated 22/04/2018
- Environmental Management Plan, revision B, issued by Branko Mihaljevic of FDC Construction Pty Ltd, dated 05/06/2018
- Letter regarding Construction Traffic and Pedestrian Management Plan B24 issued by Mark Walsh of MDW Traffic Consultancy, dated June 2018
- Email Correspondence regarding Independent Environmental Audit issued by Christopher Burns of The University of Sydney, dated 08/05/2018
- Civil Design Certificate for Early Works CC1 issued by Ben Lawrence of Northrop, dated 31/05/2018
- Structural Design Certificate for Early Works CC1, issued by Aaron Hughes of Northrop, dated 31/05/2018

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- Email Correspondence regarding Information required for pre-Construction Conditions issued by Kate Bimson of The University of Sydney, dated 01/06/2018
- Results of Pre-Clearance Survey issued by Chris Jackson of AMBS Ecology & Heritage, dated 06/04/2018
- Email Correspondence regarding notification of Commencement of Works issued by Michael Jones of FDC Construction Pty Ltd, dated05/06/2018
- Email Correspondence regarding SSD 7894 approval issued by Stephen Kerr of The University of Sydney, dated 01/06/2018
- Civil Design Certificate for Early Works CC1 issued by Ben Lawrence of Northrop, dated 06/06/2018
- Construction Noise & Vibration Management Plan prepared by EMS Report No.EMS185803 R1 dated 18/5/18
- Independent Environmental Audit prepared by NGH Environmental dated 24/4/2018
- Email Correspondence issued by Michael Jones of FDC Construction Pty Ltd, dated 8/06/2018
- Email Correspondence issued by Michael Jones of FDC Construction Pty Ltd, dated 5/06/2018 to planning nsw regarding the waste management plan.
- Email Correspondence issued by Michael Jones of FDC Construction Pty Ltd, dated 5/06/2018 to planning nsw regarding the DA responsibility matrix.
- Email Correspondence issued by Harry Moate, dated 5/06/2018 to RMS regarding the CTMP.
- Email Correspondence issued by Michael Jones of FDC Construction Pty Ltd, dated 5/06/2018 to planning nsw regarding the Construction Noise & Vibration Management Plan.
- Email Correspondence issued by Michael Jones of FDC Construction Pty Ltd, dated 6/06/2018 to council regarding the Dilapidation report.
- DA-CC Plan Conformity letter prepared by Kiong Lee of JPW P/L dated 29/5/18
- Structural details prepared by Northrop plan No. TE-ST-NRP-00.00 to 11 Rev 1 dated 22/5/18
- Geotechnical submission & shoring wall design prepared by Chalouhi civil engineers
- Structural design certificate prepared by Aaron Hughes of Northrop dated 31/5/18
- Long Service Levy Receipt No.00333544 dated 15/5/18
- FDC letter of compliance for DA Condition No. A2 signed by Branko Mihaljevic dated 30/5/18
- Design Certificate for Hydraulic Drainage signed by Branko Mihaljevic of FDC dated 22/5/18
- FDC letter of compliance for DA Condition No. B31/B32 signed by Branko Mihaljevic dated 6/6/18.
- Civil/hydraulic plans drawn by Northrop No.C01 to 09.01 Revision 2 dated 30/5/18
- Shoring wall plan prepared by Chalojhi plan No.Q2737/A/SW101-04 revision 1 dated 5/6/18.
- Sedimentation & Control plan drawn by ARUP plan No.TE-CV-ARP-0010 & 02 issue 00

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- **CONDITIONS OF APPROVAL**

PART A – CONDITIONS OF CONTRUCTION

BCA CLAUSE	Comments

N/A

This certificate confirms compliance to Clause 6.28 of the Environmental Planning and Assessment Act for the proposed works, and is reliant upon the listed documentation, design certification and compliance with the conditions of this document as listed.

Justin Jones-Gardiner
Director
Building Professionals Board / BPB0204