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31 May 2018

Job Number: S152103-01

Mr. Michael Jones
FDC Construction (NSW) Pty Ltd
22 - 24 Junction Street
Forest Lodge NSW 2037

Dear Michael,

RE: Structural Design Certificate for Chau Chau Wing Museum, Sydney University, Early Works CC1 Design Certification

We, Northrop Engineers, being professional engineers, certify that structural drawings referenced numbered on the attached document register were based on current JPW architectural drawings and were prepared:

- · under the supervision of a professional structural engineer certified under NPER; and
- in accordance with the relevant structural requirements of the Building Code of Australia 2016 including:
 - o Structural requirements of the Development Consent
 - o Structural requirements of Part B and C of the BCA
 - Australian Standards: AS1170 Parts 1,2 and 4, AS3600, AS3700 and only durability requirements to AS5100.

The following items are excluded from this certificate;

- · Works outside of those depicted on the structural drawing referenced on the attached register
- Shoring wall design (undertaken by D&C Contractor)
- Waterproofing

Yours faithfully,

Aaron Hughes

Associate Structural Engineer

BE Civil (Structures) Hons. MIEAust CPEng NPER



Document Register

Drawing Name	Rev.	Title
TE-ST-NRP-00.00	1	COVER SHEET AND DRAWING LIST
TE-ST-NRP-00.11	1	SPECIFICATION NOTES - SHEET 1
TE-ST-NRP-00.12	1	SPECIFICATION NOTES - SHEET 2
TE-ST-NRP-01.01	1	SHORING PLAN
TE-ST-NRP-02.11	1	FOUNDATION PLAN
TE-ST-NRP-02.51	1	FOUNDATION DETAILS - SHEET 1
TE-ST-NRP-08.11	2	OSD TANK PLANS AND DETAILS