

An architectural rendering of a school campus. On the left is a multi-story brick building with white balconies and a glass-enclosed ground-floor area. To the right is a taller, modern brick building with large windows and vertical slats. In the foreground, there is a paved courtyard with a large tree, a brick play area where children are playing, and a paved path where more children are walking. The sky is blue with some clouds.

Upgrades to Chatswood Public School and Chatswood High School

Appendix 24 - Structural Design Statement

SSD 9483

Prepared by Wood and Grieve Engineers

For School Infrastructure NSW, Department of Education

24 February 2020

Enquiries: Christopher Jennings
Project No: 40623

Schools Infrastructure NSW
Level 8, 259 George Street,
Sydney. NSW 2000
c/o Johnstaff

Attention: Mr Frank Princi

Dear Sir,

RE: Chatswood Education Precinct: SSDA Structural Design Certificate

Pursuant to the provisions of **Clause A2.2 of the Building Code of Australia**, I hereby certify that the design associated with this SSDA application will be in accordance with normal engineering practice and meet the requirements of the Building Code of Australia (BCA 2019 Amendment One), Importance Level 2 (BCA Spec C1.1), relevant Australian Standards and relevant conditions of Development Consent. In particular the design has been completed in accordance with the following:

- 1) AS3600-2018 Concrete Structures
- 2) AS3700-2018 Masonry Structures
- 3) AS4100-1998 Steel Structures
- 4) AS1170.0-2002 Structural Design Actions, General Principals
- 5) AS1170.1-2002 Structural Design Actions, Permanent and Imposed Actions
- 6) AS1170.2-2011 Structural Design Actions, Wind Actions
- 7) AS1170.4-2007 Structural Design Actions Part 4: Earthquake actions in Australia
- 8) CARDNO Geotechnical Investigation Reports

I am an appropriately qualified and competent person in this area and as such certify the design and performance of the SSDA scheme design works.

Full Name of Designer: Christopher Jennings
Qualifications: BEng(Hons), CEng, MStructE
Address of Designer: Level 6, Building B, 207 Pacific Highway, St Leonards, NSW 2065
Business Telephone No: 02 8484 7000
Email: christopher.jennings@wge.com.au
Name of Employer: Wood & Grieve Engineers

Please do not hesitate to contact the undersigned if you have any queries.

Yours faithfully

A handwritten signature in black ink, appearing to read 'C. Jennings', with a stylized, flowing script.

Christopher Jennings

for **Wood & Grieve Engineers** now part of **Stantec**