

Structural Design Compliance Certificate for RTS Submission

DATE 30/09/2020
PROJECT Chatswood Education Precinct
ADDRESS 24 Centennial Avenue, Chatswood NSW 2067

I, Paul Siewert (BEng(Hons) FIEAust, CPeng, NER 372912) ,of SCP Consulting Pty Ltd at Level 2, 507 Kent Street, Sydney NSW 2000

Hereby certify that:

- 1 I am a practicing structural engineer.
- 2 I am a corporate member of the Institution of Engineers Australia and I am the holder of documentary evidence from the Institution to that effect.
- 3 I am currently practicing as a structural engineer with SCP Consulting Pty Ltd, of which I am a Director.
- 4 The design associated with this RTS 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.
- 5 The relevant design codes used were:
 - AS 3600-2018 Concrete Structures
 - AS 3700-02018 Masonry Structures
 - AS4100-1998 Steel Structures
 - AS 1170.0-2002 Structural Design Actions Part 0 General Principals
 - AS 1170.1-2002 Structural Design Actions Part 1 Permanent, Imposed and other actions
 - AS 1170.2-2011 Structural Design Actions Part 2 Wind Actions
 - AS 1170.4-2007 Structural Design Actions Part 4 Earthquake Actions in Australia
 - AS 2159-2009 Piling Code
 - AS 4678-2002 Retaining Structures
 - PSM Geotechnical Investigation Reports

- 6 SCP are designing all structures behind and over the top of existing retaining so that all foundations behind existing retaining walls will transfer building loads onto class III rock below the base of the wall. As a result, the building loads will transfer below the existing retaining wall base and not exert additional surcharge pressure onto the rear face of the existing retaining walls.
- 7 This certificate does not relieve any other party of its responsibilities, liabilities or contractual obligations.

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

Yours faithfully

SCP Consulting Pty Ltd

A handwritten signature in black ink, appearing to read 'Paul Siewert'.

Paul Siewert

Director