



# Australian Consulting Engineers Pty Ltd

A.C.N: 084 059 941  
Suite 2/141 Concord Road  
North Strathfield NSW 2137  
WEB: [www.aceeng.com.au](http://www.aceeng.com.au)

A.B.N: 82 084 059 941  
Ph: +61 2 9763 1500  
Fax: +61 2 9763 1515  
E-mail: [info@aceeng.com.au](mailto:info@aceeng.com.au)

Date: 27 SEPTEMBER 2016

Ref: 160652.SDC1

## Structural Design Check and Certification for CC

**Project:** Proposed Recreation and Tourism Precinct  
**Location:** Trench Ave, Penrith, NSW  
**Client:** STIMSON & BAKER

We, Australian Consulting Engineers P/L, hereby certify that we are responsible for the structural design of the above project described herein, and that the design was carried out in accordance with the provisions of the National Construction Code (NCA-2016) and the relevant Australian Standards and the relevant D.A. Consent Conditions.

The basic codes will be used in the design are:

- AS 4100-1998– Steel Structures Codes.
- AS 3600-2009– Concrete Structures Code.
- AS 1170.0-2002 – General principles.
- AS 1170.1-2002 – Parts 1 permanent, imposed and other actions.
- AS 1170.2-2011 – Part 2 wind actions.
- AS 1170.4-2007 – Parts 4 earthquake actions in Australia
- AS 2870-2011– Residential Slabs and Footings.
- AS 2159-2009 – Piling design and installation.
- AS 3798-2007 – Guidelines on earthworks for commercial and residential developments

We further certify that we will be responsible for inspection of the structural elements during construction of the building work described herein.

Sections of the structure for which I will be responsible are:

- Footings;
- Steel and concrete structures;
- Roof construction and wall bracings

we also undertake not to approve the commencement of any stage of the building work which necessitates the submission of structural engineering details, prior to the approval of such engineering details by the council.

Yours faithfully,

**AUSTRALIAN CONSULTING ENGINEERS**

**Shahab Rad**

B.E. (Civil), M.E.(Struc), M.I.E. (AUST), C.P.Eng.