



# Australian Consulting Engineers Pty Ltd

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Date: 7<sup>th</sup> JULY 2016

Ref: 151037.SDC2

## Structural Design Check and Certification

**PROJECT:** Proposed Residential Development  
**CLIENT:** Mr. & Mrs. Bastac  
**LOCATION:** 307 – 321 Cranebrook Road, Cranebrook, NSW

I, Dr. Anthony S. Hasham of Australian Consulting Engineers P/L, Chartered Professional Engineer (Structural – 912202) and Accredited Certifier (N.P.E.R) of Institution of Engineers, Australia, hereby certify that I am 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 Building Code of Australia and the relevant Australian Standards and the relevant D.A. Consent Conditions.

The basic codes used in the design are:

- AS 1170 – Parts 1 and 2 Loading Codes.
- AS 2870 – Residential Slabs and Footings.
- AS 3600 – Concrete Structures Code.
- AS 3700 – SAA Masonry Code.
- AS 4100 – Steel Structures Codes.

I further certify that I 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:

- Piles
- Footings
- Ground Floor Slab
- Culvert Top & Bottom Slab
- Culvert Walls

I 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 principal certifying authority.

Furthermore, please note that the increase in floor level of approximately 1m will not effect the structural design provided all back fill has been well compacted in accordance with Australian Standards.

Note: This certificate shall not be construed as relieving any other party of their responsibilities, liabilities or contractual obligations.

Yours Faithfully,

Australian Consulting Engineers Pty Ltd

**Dr. Anthony S. Hasham**

B.E., M.E., M.B.A., Ph.D., F.I.E. Aust., C.P.Eng., N.P.E.R.  
Civil/Structural Engineer/Accredited Certifier/Managing Director