



Document Ref. No.: 10916

22 November 2010

STATEMENT OF STRUCTURAL ADEQUACY

PROJECT: Proposed Alterations and Additions

CLIENT: Mr & Mrs Flew

LOCATION: 143 Balgowlah Road, Balgowlah

ELEMENTS: Existing First Floor Timber Framing



As a professional engineer, qualified and experienced in timber, steel and reinforced concrete design I deem the timber framing to the existing rear first floor additions to be structurally adequate.

This statement is based on the details and specifications shown on the following drawings:

Architectural plans numbered 99.FLEW.04 to 99.FLEW.13 prepared by W & B Consulting Pty Ltd dated 18 October 1999.

Structural plan numbered F-00-13094 prepared by Civil & Structural Engineering Design Pty. Ltd. Dated 27 March 2000.

The loadings used are in accordance with AS/NZS 1170.0, AS/NZS 1170.1, AS/NZS 1170.2 and AS 1170.4 as appropriate.

Structural design check has been performed in accordance with AS 1684. Serviceability and other design criteria used have been selected in accordance with these references.

References

1. AS/NZS 1170.0:2002 Structural design actions Part 0: General Principles.
2. AS/NZS 1170.1:2002 Structural design actions Part 1: Permanent, imposed and other actions.
3. AS/NZS 1170.2:2002 Structural design actions Part 2: Wind actions.
4. AS 1170.4-1993 Minimum design loads on structures Part 4: Earthquake loads
5. AS 1684-2010 Residential Timber Framed Construction

Regards

PelEng

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