

# Certificate of Existing Structural Adequacy

Date: 17<sup>th</sup> June 2019 Job No. 190632

Client: Lucy Shepherd & Ian Donaldson Engineer: LG

**Site: 64 FAIRLIGHT STREET, FAIRLIGHT**

Luke Gerken of Northern Beaches Consulting Engineers P/L carried out a site inspection at the above property on 11<sup>th</sup> June 2019. The purpose of the visit was to inspect and comment on the capacity of the existing structure to support the proposed additions and alterations as detailed in the approved architectural sketch plans prepared by MM+J architects (Job Ref 1915 Dated 11/06/2019). The plans generally detail a new swimming pool and landscaping within the Southern frontage and a second floor addition and roof framing and with an internal access stair. Alterations are generally located central over the existing structure.

The assessment consisted of a walk over style inspection of the building. The existing residence is a full brick, generally timber floored structure to ground and first floor with a conventionally framed roof.

In summary, the dwelling is considered sound and provides an adequate structure for the proposed works, provided that engineering plans are complied with and that all structural works are certified during construction. Some minor cracking may occur as the building adjusts to the new load distribution, however, this is not expected to adversely affect the buildings overall structural integrity.

Note: This certification does not cover any defects to the structure that were not accessible at the time of inspection. If in the event that defects are uncovered during construction or become apparent after construction is complete, then the engineer should inspect the areas of concern and prepare a specification for remedial works. (These works will be carried out at hourly rates.)

If the building is founded on clays of classification 'M' or 'H' movement and cracking is to be expected with changes in the moisture content of the supporting clay.

We trust that this certificate meets with your requirements. Please contact the author if further clarification is required.

## NORTHERN BEACHES CONSULTING ENGINEERS P/L



**Luke Gerken**

Senior Engineer BE MIEAust

X:\Synergy\Projects\190632 64 FAIRLIGHT STREET, FAIRLIGHT\ENG Design\190632 - Certificate of structural adequacy - 2019-06-17.docx