



4 March 2022

Department of Planning NSW
Daniel James

Re: Guthega Inn

PROPOSED ALTERATIONS & ADDITIONS AT GUTHEGA INN. STRUCTURAL ENGINEERING DESIGN STATEMENT

Grounded Structural Engineering and Drafting Services have completed the structural design of the proposed addition of wall mounted heat pumps at the above mentioned address.

Assessment of the proposed additions indicate that lightweight construction is feasible and that the additional loads added, will not exceed the current load capacity of the existing structure. There will be no requirement for any additional foundations or excavation of existing floors or foundations.

The structural design will be completed in compliance with the current provisions of the Building Code of Australia and the relevant Australian Standards as listed below;

Loading

AS1170.1	Permanent, Imposed and Other Actions
AS1170.2	Wind Actions
AS1170.3	Snow and Ice Actions

Concrete

AS2870	Residential Slabs and Footings
AS3600	Concrete Structures

Masonry

AS3700	Masonry Structures
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Steel

AS4100	Steel Structures
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If you have any further queries regarding this project please contact me at the office.

Regards,

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

Paul Larkin, BEng Civ (Honors)
BSc. AdvDipEng (Structural Design, Eng. Man)
Director

A handwritten signature in black ink, appearing to read 'Tarek El-Ansary'.

Tarek El-Ansary, BE(Civil) MEngSc(Civil)
Consulting Structural Engineer

