Ref: 20190190-c-130619

Thursday, 13 June 2019

Manor Group PO Box 1416 GOSFORD NSW 2250

Re: Manor Footing Engineer Template

Following receipt of your instructions, the "Typical beam and footing layout and footing details" document by Manor Homes, DWG #S1.01 – Dated 08.06.18, was reviewed to provide advice on the footings and their compliance with relevant Australian Standards.

The calculations were based on a:

- Floor live load of 1.5 kPa
- Deck live load of 2.0 kPa
- Roof live load of 0.25 kPa
- Wind load in accordance with wind region "N3" as specified with AS4055.
- The weights for the materials of construction shown on the plan as specified by AS1170.1

Please note, that the above design is limited to the following applications, and if the intended use is outside of these constraints, contact structural engineer for advice:

- Residential use only.
- Wind regions "N1", "N2" and "N3", as specified in AS4055.
- Areas not subject to snow loading in accordance with AS1170.3.

I confirm that the design of footings shown in the above document complies with the requirements of the following:

AS1170.0 – Structural design actions – General Principles

AS1170.1 - Structural design actions - Permanent, imposed and other actions

AS1170.2 - Structural design actions – Wind actions

AS2870 - Residential slabs and footings - Construction

AS3600 - Concrete structures

AS4055 – Wind loads for Housing.

Please contact me if clarification of this report is required.

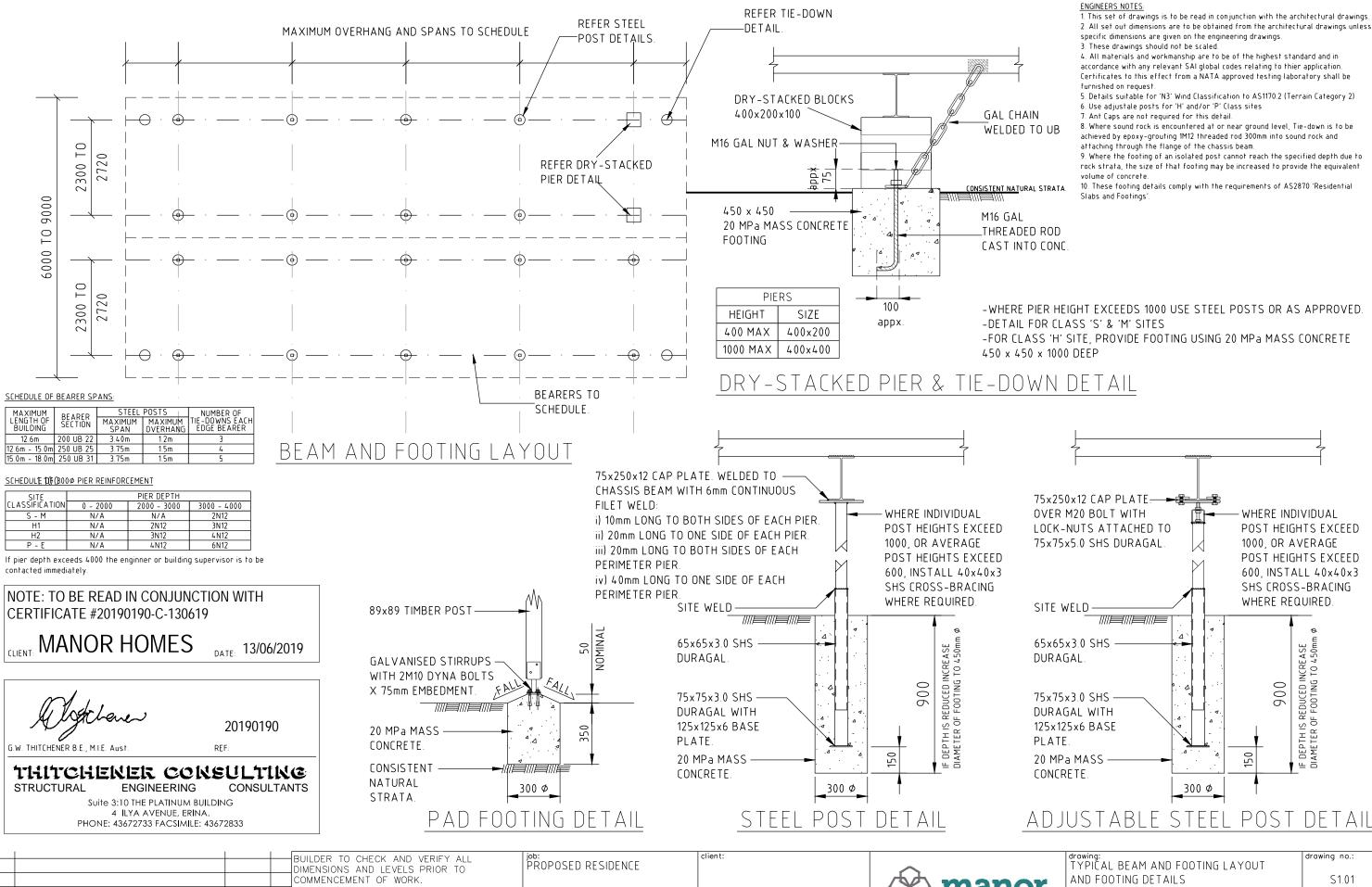
Yours faithfully,

G.W. THITCHENER B.E., M.I.E. Aust.

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	BUILDER TO CHECK AND VERIFY ALL DIMENSIONS AND LEVELS PRIOR TO COMMENCEMENT OF WORK.	PROPOSED RESIDENCE	manor	TYPICAL BEAM AND FOOTING LAYOUT AND FOOTING DETAILS			S1.01
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