SITE CLASSIFICATION AND FOOTING SYSTEM DESCRIPTION

FOR RESIDENTIAL SLABS AND FOOTINGS

Building applications for single dwellings, large extensions, some light commercial and industrial buildings if similar to dwellings in size and design must have the site foundation classified in accordance with the Australian Standard 2870 – 1996 Residential Slabs and Footings – Construction.

Designation Site classes shall be designated for the expected level of site movement.

<table>
<thead>
<tr>
<th>Class</th>
<th>Foundation</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Most sand and rock sites with no or little ground movement from moisture changes (sand and rock).</td>
</tr>
<tr>
<td>S</td>
<td>Slightly reactive clay sites with only slight ground movement from moisture changes (silt &amp; some clay).</td>
</tr>
<tr>
<td>M</td>
<td>Moderately reactive clay or silt sites, which can experience moderate ground movement from moisture changes.</td>
</tr>
<tr>
<td>H</td>
<td>Highly reactive clay sites, which can experience extreme ground movement from moisture changes.</td>
</tr>
<tr>
<td>E</td>
<td>Extremely reactive sites, which can experience extreme ground movement from moisture changes.</td>
</tr>
<tr>
<td>A to P</td>
<td>Filled sites</td>
</tr>
<tr>
<td>P</td>
<td>Sites which include soft soils, such as soft clay or silt or loose sands; land slip; mine subsidence; collapsing soils; soils subject to erosion; reactive sites subject to abnormal moisture conditions or sites which can not be classified otherwise.</td>
</tr>
</tbody>
</table>

SELECTED FOOTING SYSTEM Footings systems for stable (Class A or S) sites shall be designated as set out below.

FS Floor with separate edge strip footing
MGs Mount Gambier Stone footings
PBS Piers supporting suspended slab or beams
PF* Footing used to support a pier or stump
PS* Piled system
STF Strip footing externally with pad footings for supporting the internal construction
STM Strip footings for full masonry walls
SOG Slab on Ground with integral edge beams

*A pier and beam, pier and slab or piled footing system for Class A or S sites can be used, but shall be designed in accordance with engineering principles

a. Site Class _________________________
b. Foundation soil group _________________________
c. Selected footing system _________________________
d. Filled site YES / NO (filled sites require engineering advice)

Note: Sites other than A or S must be classified by your engineer.

The owners attention is drawn to “Section 1 SCOPE AND GENERAL” of AS 2870 – 1996 Residential Slabs and footings – Construction.

Signature of Classifier .................................................................
(Builder/Engineer Only)

Name of Classifier .................................................................
(Please Print)

NOTE TO OWNER Where footings are not designed by an engineer the builder MUST be licensed and have a local knowledge of the soil behavior to classify the soil. If no such builder is available to you, engineering advice should be sought.