

DESIGN CONSTRUCT INDUSTRIES PTY LTD
STRUCTURAL & CONSTRUCTION CONSULTANTS
ABN: 50 117 543 129

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LOGUE
 PERGOLAS

Certificate of Site Classification

SHIRE:	BLOCK:	SECTION:	REF. PLAN No.:
ADDRESS: 45 Carefree Rd Nth Narrabeen			
LESSEE'S NAME: R. Warner			

Description of Building Work New Residence <input type="checkbox"/> Garage/Carport <input type="checkbox"/> Alterations/Additions to Residence <input checked="" type="checkbox"/> Other (please describe) <input type="checkbox"/>																	
In investigation of the site to determine the Classification I used the following procedure: One or more bore holes or trench and the examination of the soil profile: <input checked="" type="checkbox"/> Footing excavation and the examination of the soil profile: <input type="checkbox"/> Laboratory testing of soil samples: <input type="checkbox"/> Existing building records and local knowledge of soil conditions: <input checked="" type="checkbox"/>	Classification foundation material: AS 2870.1 Clause 2.1.1																
	<table border="1"> <thead> <tr> <th>Foundation</th> <th>Class (in accordance with AS 2870)</th> </tr> </thead> <tbody> <tr> <td>Most sand and rock sites</td> <td>A <input type="checkbox"/></td> </tr> <tr> <td>Most silt and some clay sites</td> <td>S <input checked="" type="checkbox"/></td> </tr> <tr> <td>Moderately reactive clay sites</td> <td>M <input type="checkbox"/></td> </tr> <tr> <td>Highly reactive clay sites</td> <td>H <input type="checkbox"/></td> </tr> <tr> <td>Extremely reactive clay sites</td> <td>E <input type="checkbox"/></td> </tr> <tr> <td>Filled sites - Nominate Class</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Problem sites which include soft soils such as soft clays, silts or loose sands, land slips, mine subsidence, collapsing soil, soil subject to erosion</td> <td>P <input type="checkbox"/></td> </tr> </tbody> </table>	Foundation	Class (in accordance with AS 2870)	Most sand and rock sites	A <input type="checkbox"/>	Most silt and some clay sites	S <input checked="" type="checkbox"/>	Moderately reactive clay sites	M <input type="checkbox"/>	Highly reactive clay sites	H <input type="checkbox"/>	Extremely reactive clay sites	E <input type="checkbox"/>	Filled sites - Nominate Class	<input type="checkbox"/>	Problem sites which include soft soils such as soft clays, silts or loose sands, land slips, mine subsidence, collapsing soil, soil subject to erosion	P <input type="checkbox"/>
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The recommended footing and slab system in accordance with AS 28970.1 is: (or attach specific design details)																	
The recommended level of underside of footing below natural ground level (ie. footing/founding depth) is <u>5</u> metres.																	

DECLARATION

I am practicing structural engineering as defined in the B.C.A 'Practicing Structural Engineer' meaning an engineer with qualifications in Structural Engineering which are acceptable to the Institution of Engineers, Australia, to the Grade of Corporate Member and who is actively engaged in structural design and supervision of building construction.

Signature

Date

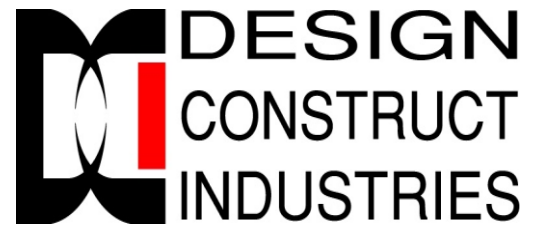
1/8/19

Andrea Stodulka - Managing Director, Design Construct Industries
 M.I.E. Aust. CPEng. (No. 3017), M.Eng.Sc. (Hydraulics) Sydney Uni., RPEQ (No. 7035), AMICE

COMPANY & PRODUCT AWARDS

• HIA INNOVATION 95 • HIA-COMMONWEALTH SCIENCE AWARD 95 • I.E. AUST EXCELLENCE 95 •
 MBA ENERGY 96 • TELSTRA 97 • YELLOW PAGES 97 • BUILDING SCIENCE FORUM 97 •
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Email: info@designconstructindustries.com.au

Date: 09/09/2019

RE : 45 CAREFREE ROAD, NORTH NARRABEEN, SYDNEY.

I have inspected the foundations of the existing residence and found no evidence of any acid soil condition nor ground water ching.

The proposed excavations will be as shallow as those of the existing residence and it is expected that the adjacent soil condition are similar with sandstone boulders and out crops.

I have Master Degree in Engineering and Honours Degree in Soil Mechanics from Sydney University and 50 years engineers experience in foundation design as a Geotechnical Consultant.

A handwritten signature in black ink, appearing to read 'Andy Stodulka'.

Andy Stodulka
Managing Director
M.I.E. Aust. CPEng. (No. 3017)
M.Eng.Sc. (Hydraulics) Sydney Uni.
B.E. Hons. (Soil Med) Sydney Uni.
RPEQ (No. 7035)

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