

D. Katauskas

Consulting Geotechnical Engineer

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16 September 2011
Ref: 376-A

Dierdre Gilmour
2 Bilgola Terrace
Bilgola NSW 2107

Dear Dierdre,

Re: Geotechnical Assessment
Proposed Revised Garage Location
2 Bilgola Terrace, Bilgola

I refer to your request for my comments on the proposed relocation of the planned garage to the position shown the attached Garage Floor Plan drawing DA 275/09, and whether this change will affect site stability.

In my initial report dated 15 July 2009, I provided a risk assessment on site stability and the effect on the same of the proposed alterations and additions as being **Acceptable** with respect to **Life** and **Very Low** with respect to **Property Damage**.

Taking into account the proposed garage relocation, my opinion with respect to the risk has not changed.

I do note that hillside excavation for the new garage will be involved. This may require shoring and support of the excavation faces if cut vertically, or the use of battered slopes though the soil cover if space permits. Temporary batter slopes in the soil cover of 1H:1V may be adopted. In the course of the works, management of surface run-off will be required.

I have endorsed the attached plans forwarded to me by email.

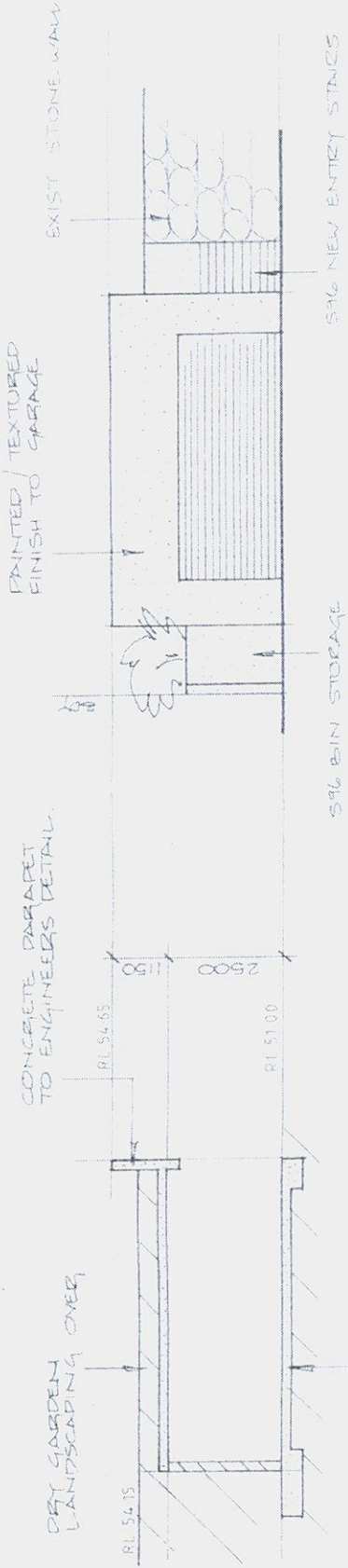
If you have any queries regarding the above please do not hesitate to call me.

Yours faithfully,



Don Katauskas

encl: Garage Elevations
Garage Floor Plan



EAST ELEVATION

SECTION THRU GARAGE

CH 6 0 0	CH 1 0 0	CH 0 0	CH 0 0
RL 50 40	RL 51 0 0	RL 51 0 0	RL 50 24
BILGOLA TCE			
GARAGE FL 51 0 0			

DRIVEWAY LONG-SECTION SOUTH

CH 0 0	CH 3 0 4	CH 0 4	CH 0 4
RL 51 0 0	RL 50 91	RL 50 57	RL 50 57
BILGOLA TCE			
GARAGE FL 51 0 0			

DRIVEWAY LONG-SECTION NORTH

These plans have been produced as a Section 96 Modification to consent for DA 275 / 09. Only the modifications have been noted on these plans. The original approval and details must be referred to as part of the documentation

Don Katakas
 Consulting Geotechnical Engineer

Signature: *[Signature]* Date: 16/09/2011

Section 96 Modification to Approval DA 275 / 09 **GARAGE ELEVATIONS**

2 Bilgola Terrace, Bilgola
 Plans by Emerald Designs, 23 Grevillea Avenue, Warrimoo, NSW 2102
 Scale 1:100
 Date: May 2010
 Job No: 5234-S96-4/4

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