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Ref: 3013/IR/IR/002

Date: 02 Sept 2016

Attention: Mr Angus Nguyen

**Dee Why Town Centre – Retaining Walls**

Following our recent discussions, we confirm the following:

- 1) The shoring system comprises the piled wall, jet grout infill, anchors and props. The anchors and props provide temporary support. In the permanent condition, the temporary anchor and prop support is replaced by the basement slabs. Thus, the basement slabs must be constructed to provide permanent support.
- 2) The temporary anchors extend beyond the property boundary and so encroach onto neighbouring property. These anchors put active stresses into soils of the neighbouring property. These stress can only be released after the basement and ground floor slabs have been constructed.
- 3) Vibropile advise against leaving the excavation open for any extended period as this may exceed the design life of the temporary anchors and hence compromise the stability of the basement.

We trust that the above has adequately addressed your concerns in regard to this matter, please do not hesitate to contact the undersigned should you require further information.

Yours faithfully



Iain Robertson  
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