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S M A R T S T R U C T U R E S

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Structural Report

**Cochlear Global Headquarters Stage 1
Macquarie University**

We advise that the proposed Cochlear Stage 1 development will be supported by footings to rock. The bearing pressures shall comply with the geotechnical recommendations noted in the geotechnical report by Douglas Partners reference 45298 March 2008.

The structure is a combination of reinforced concrete framed construction from the basement to ground level and post-tensioned concrete framed construction for all upper levels (level 1 to level 6). The roof level plant areas will be covered with lightweight steel framing. The development above ground is essentially two separate structures that do not rely on each other for support. All lateral loads will be carried by the lift and services cores to ground.

Yours faithfully,

Paul Davis
Managing Director

For and on the behalf of Paul Davis Rajalingam Consulting Engineers Pty Ltd