

31 July 2014

Jeremy Tompson  
Project Manager Barangaroo South  
30 The Bond, 30 Hickson Road  
Millers Point NSW 2000

Dear Jeremy

**Barangaroo South Building R1 DA Submission  
Structural Engineering Design Statement – Piles BC5TP122, BC5-TP123, R1-P18, R1-P19, R1-P20**

This is to confirm that Piles BC5TP122, BC5-TP123, R1-P18, R1-P19, R1-P20 adjacent to the Metro Tunnels has been designed to support the design loads that will be imposed by building R1 over.

The design of the noted Piles has been based on the following:

- a. The relevant Australian Standards listed in the Building Code of Australia (Specification A1.3) particularly AS1170 Structural Design Actions (Parts 1-4), AS2159-2009 Piling-Design and Installation and AS3600 Concrete Structures.
- b. Various relevant project related reports and documents issued by Coffey Geotechnics Pty Ltd particularly Report No. GEOTLCOV24015AB-AQ dated 15 October 2010.
- c. Geotechnical Report – Project Application REP/220316/DSR1 Issue 01, 25 July 2014.
- d. Letter from Mott McDonald RE: 291284, dated 11 July 2013, RE: Barangaroo South, Section 75W – Bulk excavation and basement car parking – Mod 6 (Report) Barangaroo Development – Protection of the Sydney Metro Corridor.

Refer to the attached drawing for noted Pile locations.

Yours faithfully



**Rocco Bressi**  
Structural Design Manager, Design  
Building

