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Ref No 30808YF Let2

Austino Property Group Pty Ltd

By email: will@austino.com.au

ATTENTION: Mr Will Wang



JK Geotechnics

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**GEOTECHNICAL OPINION OF POTENTIAL IMPACT ON RAIL CORRIDOR
PROPOSED DEVELOPMENT
1 & 2 MURRAY ROSE AVENUE, SYDNEY OLYMPIC PARK, NSW**

This letter provides our geotechnical opinion on the potential impact the proposed development at 1 & 2 Murray Rose Avenue, Sydney Olympic Park, NSW will have on the existing Sydney Trains rail corridor for the Olympic Park line (T7). This letter should be read in conjunction with our geotechnical reports (Ref: 30808YFrpt dated 9 October 2018 and Ref: 30809YFrpt dated 17 October 2018). Please note, 1 Murray Rose Avenue is referenced as "Site 1" and 2 Murray Rose Avenue is referenced as "Site 2" which corresponds with the naming convention adopted in the architectural drawings and structural report.


Based upon the latest set of the supplied architectural drawings prepared PTW Architects (Project Ref: PA015288, Status: Development Application, undated) we understand that it is proposed to construct a multi-level building over three basement levels. The basement levels will have a Finished Floor Level (FFL) of RL-1.8m and RL-2.2m for Site 1 and Site 2, respectively. Based upon the structural report prepared by Cardno (NSW/ACT) Pty Ltd, we understand that it is proposed construct a shoring wall to support the basement excavation by installing a soldier pile wall comprising 600mm diameter piles at 2.4m centres with reinforced shotcrete infill panels. The shoring wall will extend below the bulk excavation level.

Based upon measurements taken from satellite imagery the site is located approximately 300m from the rail corridor for the Olympic Park line. Given the distance from the site, we consider the rail corridor is significantly outside the zone of influence of the proposed development and as such the development will have no effect upon the rail corridor from a geotechnical perspective.

This letter has been prepared for the particular project described and no responsibility is accepted for the use of any part of this report in any other context or for any other purpose. If there is any change in the proposed development described in this report then all recommendations should be reviewed. Copyright in this report is the property of JK Geotechnics. We have used a degree of care, skill and diligence normally exercised by consulting engineers in similar circumstances and locality. No other warranty expressed or implied is made or intended.

Should you require any further information regarding the above, please do not hesitate to contact the undersigned.





Yours faithfully
For and on behalf of
JK GEOTECHNICS

Reviewed by:



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