

12 February 2021

191896 CAAB

Carmichael Tompkins Property Group

Level 13, 333 George Street,
Sydney NSW 2000

Attention: Sufian Supa'at

KAMBALA SPORTS PRECINCT DEVELOPMENT

Response to Department of Planning Comments on Flood Risk

Dear Sufian

We have updated the Stormwater management plan with an analysis of the overland flow and flood risk to the Kambala Sports Precinct development from the upstream catchment.

We have provided additional overland flow analysis for the upstream catchment to assess the impact of stormwater flows from New South Head Road. The result of this analysis is that there is negligible overland flow from New South Head Road through the proposed development area of the Kambala School site in storm events up to the 1% AEP or approximately 1 in 100-year storm event. Results confirm that significant overflow would occur on New South Head Road during 1% AEP flood event (1 in 100-year event) of about 4.37 m³/s however this flow would bypass the Sports precinct development site.

The following council flood map shows no significant flood path through the Kambala Sports precinct development area



We have been in discussions via email and direct meetings with Woollahra Council with respect to diversion of the New South Head road drainage pipe line running through the sports field to suit the new development and ensure increased capacity is allowed (375mm-450mm) increased to 750mm.

The increase in capacity for council's pipe allows for increased capacity to be constructed for the pits on New South Head Road in the future to allow additional flow to be carried under the proposed building.

Council to my knowledge have been satisfied with the solution presented to date to ensure the loss of minor overland flow capacity on the oval has been suitably replaced with additional capacity in the piped system.

Should you require anything further please contact the undersigned.

Yours faithfully,
TAYLOR THOMSON WHITTING (NSW) PTY LTD
in its capacity as trustee for the
TAYLOR THOMSON WHITTING NSW TRUST



STEPHEN BRAIN
Technical Director

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