



29 October 2015

CPP Project 8041

University of Technology Sydney

c/-FJMT

Level 5, 70 King Street

Sydney

NSW 2000

Attn: Mr James Perry

Project: UTS Central

Dear Mr. Perry,

This brief letter follows on from our recent discussions over the revised geometry and massing of the proposed indicative architectural changes to Building 2 in relation to the local wind conditions and intended use of the spaces.

From a wind comfort and safety perspective, the overall stepped massing of the building is considered beneficial to the wind conditions at pedestrian level in the surrounding streets and Alumni Green compared with vertical facades; due to more flow being directed horizontally around the façade rather than vertically down to ground level.

The spatial alignment of the west façade of the podium along Jones Street with Chippendale Way to the south of Broadway has the potential to increase the channelling of winds from the south along Jones Street. Careful consideration will be necessary during detailed design to ensure appropriate mitigation measures are employed to address these potential winds to allow the intended use of the space. Such measures may include extending the southern alignment of the podium along Broadway, and/or provision of dense landscaping on the corner of Jones Street and Broadway.

Overall it is considered that the architectural design moves being employed and considered within the indicative design are generally positive from a wind perspective, and that detailed modelling to quantify the impact is not considered necessary at this stage.

Given the unique geometry of the Building, it is recommended to quantify the wind climate around the proposed development through more detailed studies during the detailed design phase (i.e. to support and inform the future development application).

I trust this is of assistance, please do not hesitate to contact me if you would like to discuss.

Yours sincerely,

Graeme Wood

Director