



August 25, 2021

Ethos Urban  
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**Re: UTS Ultimo Precinct, Sites 13-15  
Pedestrian Wind Environment Assessment  
RWDI Project #2103928**

Dear Jessica,

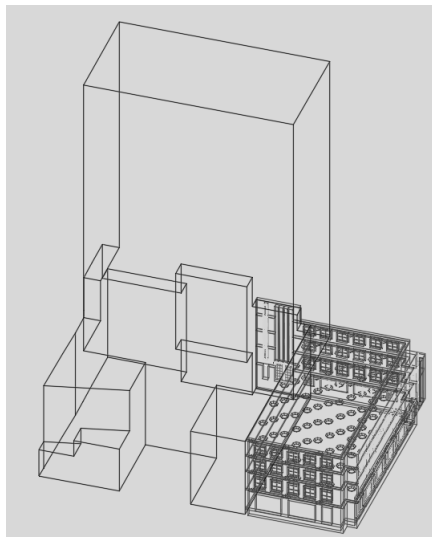
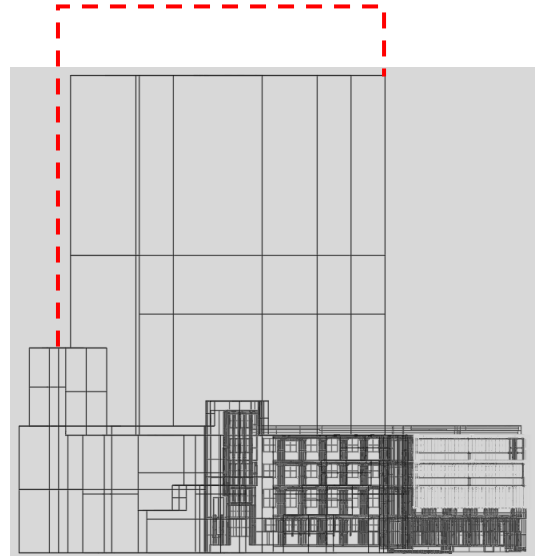
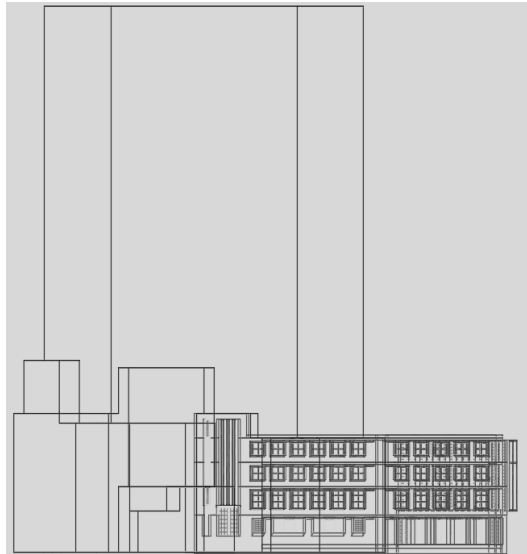
RWDI has undertaken a Pedestrian Wind Environment Wind Tunnel Study for the University of Technology Sydney (UTS) in support of its Ultimo Haymarket Precinct Key Site Master Plan. Testing was performed on a massing envelope received on 13 July 2021, as detailed in RWDI's final report dated 25 August 2021. Wind conditions associated with this massing envelope are detailed within the same report.

Since the conclusion of wind tunnel testing, the massing envelope has changed as shown on the following page. The following differences are noted based on the updated scheme dated 23 August 2021:

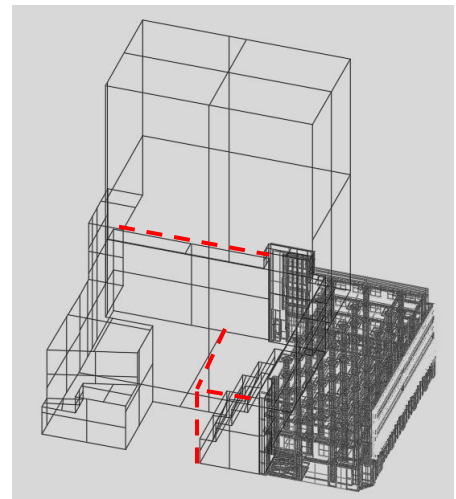
- reduction in height from approximately 74 m to 64 m;
- reduction in tower width in north-south direction (now set-back further from south edge);
- setback on western aspect has been filled in; and,
- massing on eastern aspect has been cut into stepped form.

The above-noted changes are expected to improve the wind conditions noted in the wind tunnel report. The lower and narrower tower form will reduce the amount of downwashing winds off the tower form reducing the amount of wind on the roof terrace and ground level, while the continuous setback on the western aspect is anticipated to reduce downwashing to ground level. The stepped form cut into the massing on the eastern aspect is not anticipated to having a significant impact on wind conditions at ground level.

Please do not hesitate to contact us if you have any questions.



**Massing Envelope (As Tested)**



**Updated Massing Envelope  
(Notable Changes indicated in Red)**

**RWDI**



Kevin Peddie  
Director of Projects | Associate



Mike Pieterse  
Senior Project Manager | Associate