

11 December 2018

CPP Project 8579

Mirvac Design Pty Ltd
Level 28, 200 George Street
NSW 2000
Australia

Attn: Annie So

Project: Natural ventilation assessment for 2 Figtree Drive, Sydney Olympic Park

Dear Ms So,

CPP conducted a computational fluid dynamics analysis in 2016 (CPP, 2016) to assess the natural ventilation performance of the 2 Figtree Dr project in Sydney Olympic Park, based on architectural drawings from BVN dated October 2016. Recently, Mirvac Design Pty Ltd have provided updated architectural plans dated December 2018 for Section 4.55 submission.

Some changes in floor plans are noted. The total number of apartments meeting the design intent of the ADG for the purpose of natural ventilation on level 9 of building 5 is increased from 18 to 20 in the new configuration. Also, apartments on level 9 of building 3 were removed to accommodate communal spaces. These changes do not change the overall compliance percentage of 61% over the first 9 storeys of the development.

Similarly, the performance of the selected apartments in the original revised analysis (CPP, 2017) is not expected to be altered by the latest changes in layout since the relative orientation of the building to upcoming winds is maintained.

With inspection of the updated plans from a wind perspective and given the overall minor changes of the building design, the conclusion of the natural ventilation report (W-792) remains valid and no further reassessment is required for the latest plans.

We trust that this letter will assist. Please do not hesitate to contact us if you have any questions regarding any aspect of this letter.

Yours sincerely,



Andrew Nguyen
Project Engineer

cc: Christian Rohr, CFD Manager

REFERENCES

CPP (2017), "Natural ventilation assessment for 2 Figtree Drive", CPP Project 8579, June 2017