



April 11, 2022

Ref: Strathfield Council request for explanation of the wind environment of the proposed development, 21 Paramatta Road, Homebush.

GWTS has conducted a desktop study of the wind environment of the proposed development, 21 Paramatta Road Homebush. The study is reported in GWTS report "GWTS-DPR-10410-2021-2 21 Parramatta Road, Homebush.pdf". The following explanation has been requested by the Strathfield Council:

1. "The Panel questions how downward draft is managed and notes that the wind report only references the pedestrian entry which is protected by the overhang to the level above. There is no consideration of any downward draft impact on pedestrians using the foot path. This would need to be considered and the wind report updated accordingly."

The building has balconies on all faces. These balconies help to break down the downwash compared to a smooth façade. Thus, the 21 Paramatta Road proposed development is expected to have lower downwash and, ultimately, an acceptable wind environment as per the desktop evaluation.

The report recommended the use of balustrades height of 1.2 m in all levels except the south, east and west section of Level 8, where a balustrade of 1.5m is required (the northern portion of the balustrade on level 8 can remain at a height of 1.2m).

Best Regards,
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