Architectural Aerodynamics Ltd.
128 City Road,
London, EC1V 2NX, UK
Tel: +44 (0)777 1516940
robin@architecturalaero.com

20th November 2025

Lee Hickey,
Project Manager,
Renaker Build Ltd.

Dear Lee,

Plot 9b, Manchester: Wind Microclimate Review

I write in connection with the wind microclimate assessment carried out by Architectural Aerodynamics Ltd. (ArcAero) in 2024 for Plot 9B, Manchester, summarised within the relevant chapter of the Environmental Statement and associated technical appendix, and prior review for letters dated 20th March 2025 and 31st October 2025.

I can confirm that ArcAero have reviewed the following drawings as below, pertaining to the specification of design measures introduced to address potential wind effects on pedestrians:

- VS9B-ROC-G251-DE-XX-CA02_Ver2.pdf
- VS9B-ROC-G251-EL-XX-CA01_Ver1.pdf
- VS9B-ROC-G251-PL-XX-CA00_Ver1.pdf
- VS9B-TGA-G251-DE-XX-21301-P05_Ver5.pdf
- VS9B-TGA-G251-DE-XX-21304-P06_Ver5.pdf
- Z19B-TPM-G710-PL-XX-4645 101_Ver4.pdf
- Z19B-TPM-G710-PL-XX-4645 201_Ver2 (3).pdf
- Z19B-SQY-G710-DE-XX-0013.pdf
- Z19B-SQY-G710-DE-XX-0014.pdf
- Z19B-SQY-G710-DE-XX-0015.pdf
- Z19B-SQY-G710-DE-XX-0016.pdf
- Z19B-SQY-G710-PL-XX-0001.pdf

The various measures - including a canopy, wind baffles & fins, hedging and evergreen trees - are sufficiently reflective of the versions tested & validated in the wind tunnel. As a result, these are expected to perform in an equivalent manner to those originally specified and it is judged that they will result in an equivalent microclimate.

The conclusions of the ES chapter would therefore remain as stated currently.

Yours Sincerely,

Mr Abdulhadi Faiz Arnaut
Project Engineer
Architectural Aerodynamics

Approved by

Dr Robin Stanfield
Director
Architectural Aerodynamics