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11 September 2025

Renaker  
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47 Bengal Street, Ancoats  
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## Deansgate Square wind microclimate assessment

Dear Sir/Madam,

WSP have previously been appointed as the wind microclimate consultants for several developments within the vicinity of New Jackson, Manchester. As part of these appointments, WSP have performed Computational Fluid Dynamics (CFD) simulations to assess the current 'as-built' wind conditions around the 'Deansgate Square' high-rise development. Results from these simulations show that "The Square" benefits from shielding from the prevailing southerly and westerly winds provided by the high-rise buildings part of the 'Deansgate Square' high-rise development. Wind conditions within "The Square" currently rate as safe on an annual basis, and suitable for walking and standing during the worst-case winter season, as defined by the LDDC Lawson criteria for pedestrian wind safety and comfort, a de-facto standard for wind microclimate assessments in the UK.

Upon review of the floor plan and the 3D renders of the proposed "Curling Club" (Ref.: 'Screenshot 2025-08-28 at 12.14.01', 'Screenshot 2025-08-28 at 12.14.14' and 'Screenshot 2025-08-28 at 12.14.31', received from Catherine Miller on 9 September 2025), WSP does not expect the introduction of the "Curling Club" enclosure to worsen the current wind conditions within "The Square".

Yours faithfully,

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