

DESIGN NOTE

Project	NOMA Plots 2&3
Subject	Planning Addendum, June 2024: Wind Engineering Note
Project no	0050930
Date	19 August 2024

Revision	Description	Issued by	Date	Approved (signature)
P01	First Issue (Planning Addendum, June 2024)	GO	24/07/2024	BV 
P02	Final	GO	19/08/2024	BV 

1 Executive Summary

This Design Note (Wind Engineering) provides substantiating information confirming that the Planning Addendum submitted by *Cartwright Pickard* in June 2024 regarding Plot 2 of Planning Permission Ref. 134307/FO/2022 for **2&3 Angel Square, NOMA**, will not incur any material impacts to the scheme's planning wind engineering studies carried out to support the planning application, including the assessment and conclusions of the Environmental Impact Assessment (EIA) Wind Chapter.

The following sections expand upon the confirmation stated in this Executive Summary in more detail.

2 Introduction

This Design Note confirms that, on review of the proposed amendments applied for as part of this Minor-Material Amendment, there will be no material impacts to the assessment and conclusions of the Environmental Impact Assessment (EIA) Wind Chapter, or Buro Happold's Planning Report (Wind Engineering) ref: *ES VOL 2 chapter 7*, July 2022.

3 The proposed changes

The proposed changes of relevance to the wind microclimate assessment are limited to the changes to the layout of the roof of Plot 2 of Planning Permission Ref. 134307/FO/2022. The upper level of the building has been extended outwards and closer to Angel Street, whilst still set-back significantly from the parapet edge, The roof top plant screening has also slightly increased the massing at roof level. However, the proposed changes are located away from edges of the building, whilst the height of the building façade has not changed, in wind terms the façade heights of the building have not increased and therefore there is a negligible impact on façade downwash. At roof level the extension towards Angel Street forms a step level roof that is likely to encourage winds to flow and skim over the building. On review, the wind microclimate impacts from the proposed amendments are negligible and the report results presented during the planning submission in 2022 will not be materially affected by these changes and comply with the parameter and wind studies submitted in 2022. It is therefore not considered necessary to update the Wind Chapter of the EIA and associated appendices.

4 Conclusion

Cartwright Pickard have submitted a planning addendum document detailing proposed amendments to the consented scheme relating to **Plots 2 of Planning Permission Ref. 134307/FO/2022** in Manchester. This Design Note confirms that, as a result of these proposed amendments, there will not be any material impacts affecting the scheme's ability to demonstrate continued compliance with the relevant regulations, regarding wind engineering safety and comfort for pedestrians.

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