WIND MICROCLIMATE

TECHNICAL NOTE - WIND MITIGATION CONDITION

Sparkle Street, Manchester

Midgard Ltd

03/09/2026

GIA No: **19500** Letter Ref: **CH/19500**

DATE / REF
03/09/2026
CH/19500

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Technical Note - Planning Condition 38 (Wind Microclimate)

This letter is in relation to the discharge of Planning Condition 28 for the Proposed Development at Sparkle Street (planning ref. 139986/FO/2024).

Planning Condition 31

Condition 28 states that:

> *Prior to commencement of above ground works final details of the Wind Mitigation Screen as set out within Chapter 9 (Wind Mitigation) of the Environmental Statement - Volume 1, Sparkle Street May 2024 and confirmation from a suitably qualified Wind Consultant that this would be adequate, shall be submitted to and approved in writing. The approved scheme shall be implemented prior to any use of the terrace commencing and and thereafter retained and maintained in situ.*

2024 Wind Microclimate Assessment

In 2024, GIA produced the Wind Microclimate Assessment for 139986/FO/2024. This concluded that there would be no significant long term wind safety or comfort issues at any of the areas at and around the Proposed Development in the context of both the existing and cumulative surrounding buildings.

The above conclusion is dependent on the inclusion of mitigation measure located at the corner of the building, consisting of a 2m high by 0.72m wide 50% porous screen.

Mitigation Design

The key features of the mitigation screen are defined above and these need to be implemented within the design of the wind screen for the installation. Figure 1 shows the designed wind screen. The overall dimensions of the screen align with those set out in the wind microclimate assessment, 0.72m wide by 2m tall. The screen is offset from the building by 0.1m which is acceptable as it should have a negligible impact on the effective of the screen to mitigate the wind conditions. The overall porosity of the screen, taking into account the lower gap of 0.15m is approximately 51%.

The design adequately meets the design intent of the mitigation screen tested in the wind microclimate assessment and hence is suitable.

Yours sincerely

For and on behalf of GIA

Chris Harley

Director
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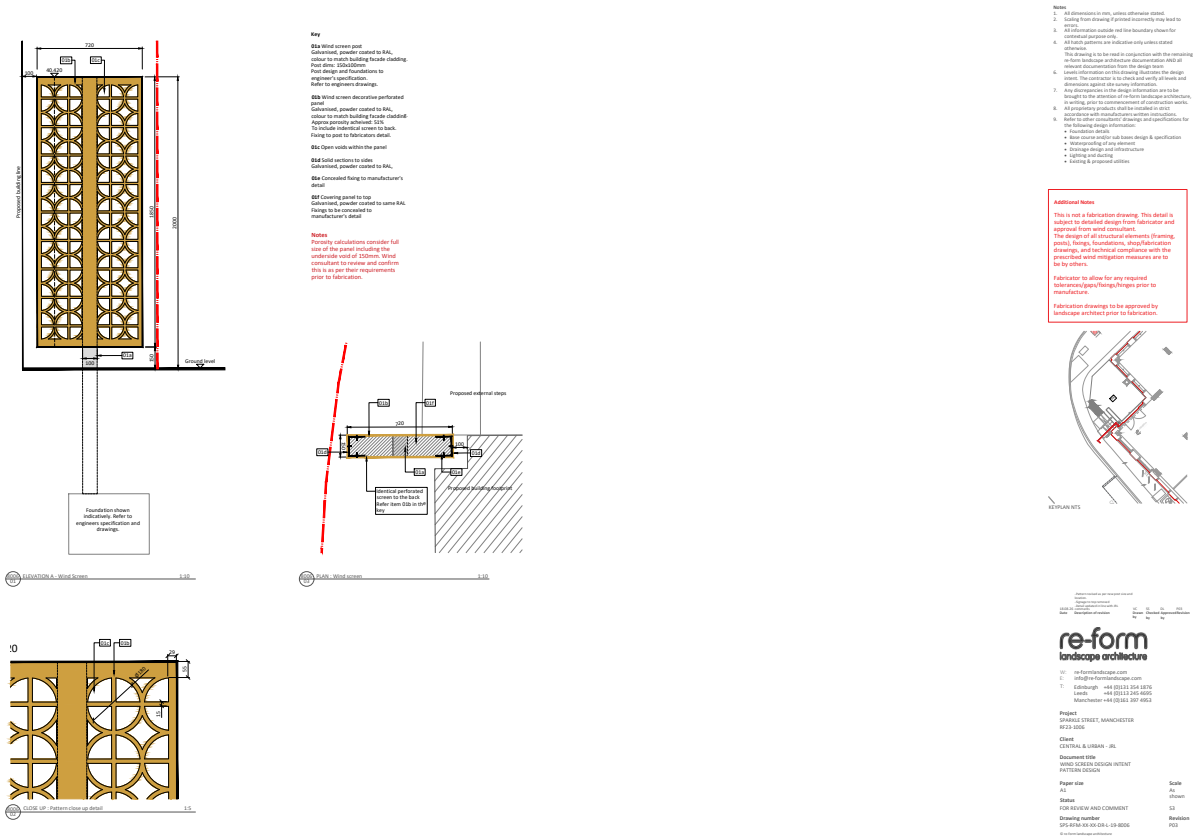


Fig. 01: Wind screen

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