TRINITY SITE D - CONDITION 142 - BAFFLES

REV	PURPOSE OF ISSUE	DATE	AUTHOR
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CONTEXT - PLANNING PROPOSALS (2021)



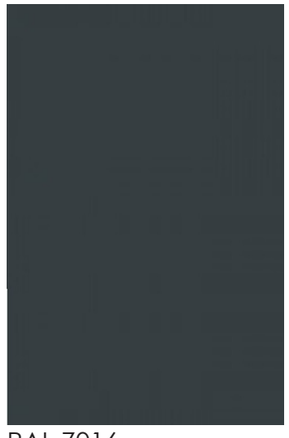
BAFFLE PROPOSALS AT PLANNING

The plan opposite shows the wind baffle measures proposed as part of the 2021 planning application. The measures were part of a detailed wind study under taken by WSP Wind Consultants and coordinated with the wider design team.

A range of baffle types were proposed and when in close proximity to the building the height was proposed to align with the top of balustrade height at level 1. The RAL colour is 7016 to match the architectural metalwork (balustrade / terrace cill details).

Baffles within the public realm were proposed at 1.5, 3 and 3.5m in height.

A series of the taller baffles span the landscape between Tower D1 and Tower D2 and create a visual and physical structure that creates a transition from the car park and service yard areas. The structures create a focal to the gardens / parkland beyond.



RAL 7016

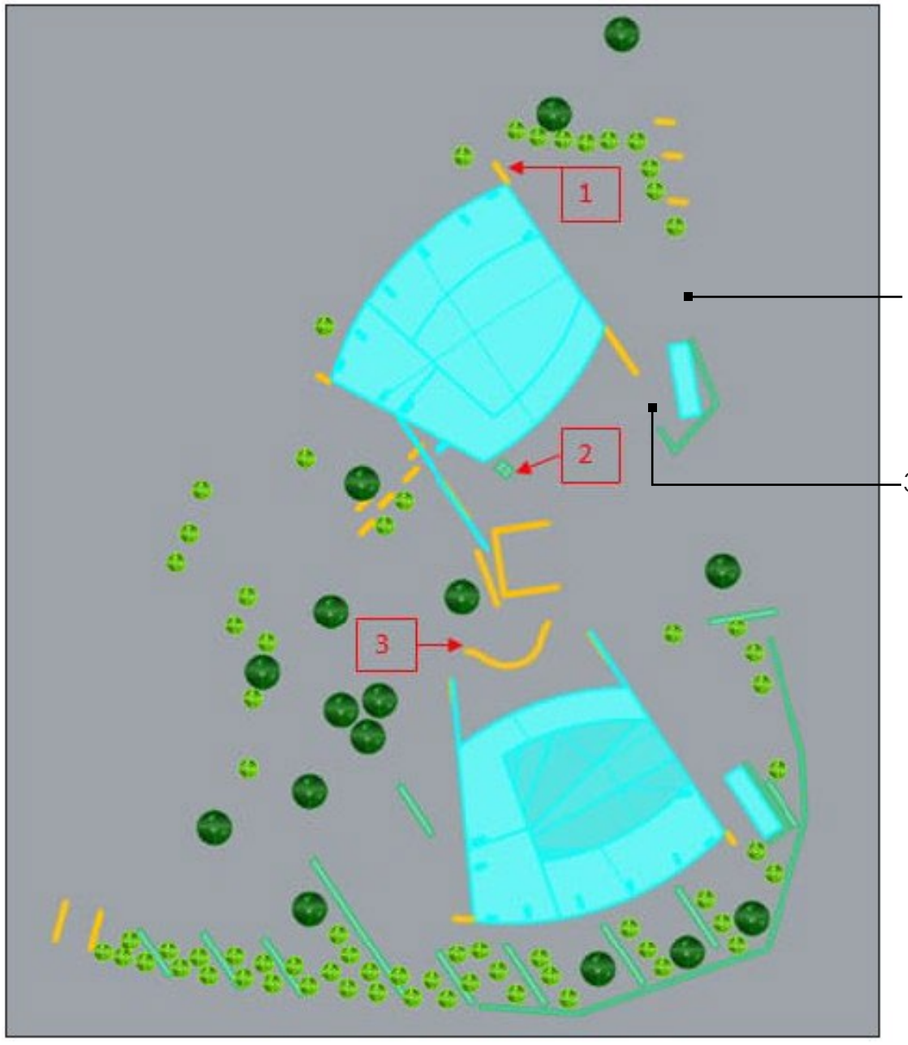


Visual from the Landscape Design Statement issued at Planning

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CONTEXT - MAY 2022 UPDATE

NB - Wind micro-climate technical report – Update to phasing scenarios



WIND MITIGATION EVOLUTION (MAY 2022)

In May 2022 the wind technical report was updated to reflect phasing scenarios. The re-run exercise highlighted some changes needed to the planning wind mitigation.

Area 1 - Baffle length extended
Area 2 - Planter with hedge added
Area 3 - Curved baffle / vegetation screen replaces linear baffle

CONTEXT - CONSTRUCTION RELATED AMENDS

NB - all amendments to the landscape layout and any affects to the baffles have been coordinated with WSP Wind

Baffle length reduced and forms gated access for maintenance

Baffles at elevated position and form part of the generator enclosure.
Refer to the information submitted under Condition 186
ZD-SQY-G710-DE-GRD-442

1.5m baffle removed
(Now concrete wall with glass topper)

Baffle location now a singular baffle and moved to the step edge due to not being able to be constructed over remnant wall that supports Regent Road



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DESIGN PROPOSALS - BAFFLE LOCATION & DRAWING REFERENCE PLAN

NB - The baffle drawings references noted below have been submitted previously to MCC under Conditions 112 and 156.



Baffle Type G2 - ZD-TPM-G710-De-XX-4029 415

Baffle Type G1 - ZD-TPM-G710-De-XX-4029 415

Baffle Type H2 - ZD-TPM-G710-De-XX-4029 418

Baffle Type H3 - ZD-TPM-G710-De-XX-4029 419

Baffle Type G3 - ZD-TPM-G710-De-XX-4029 416

Baffle Type B - ZD-TPM-G710-De-XX-4029 410

Generator Enclosure D1
ZD-SQY-G710-DE-GRD-442

Baffle Type H1 - ZD-TPM-G710-De-XX-4029 417

Baffle Type A - ZD-TPM-G710-De-XX-4029 410

Baffle Type C - ZD-TPM-G710-De-XX-4029 412

Baffle Type D - ZD-TPM-G710-De-XX-4029 411

Baffle Type E - ZD-TPM-G710-De-XX-4029 413

Baffle Type H4 - ZD-TPM-G710-De-XX-4029 420

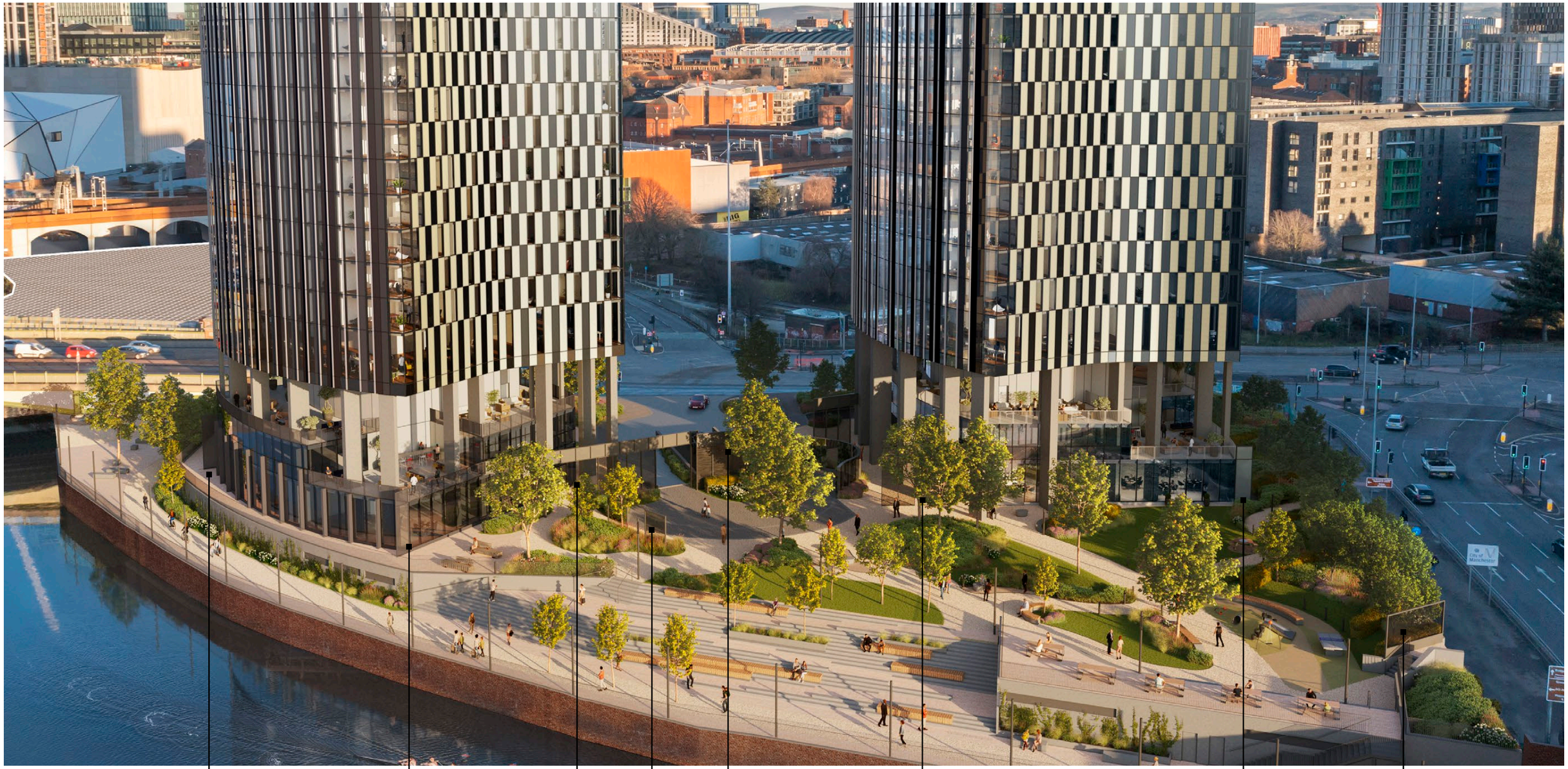
Baffle Type G1 - ZD-TPM-G710-De-XX-4029 415

Baffle Type F - ZD-TPM-G710-De-XX-4029 414

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DESIGN PROPOSALS - CGI's



Baffle Type G2

Baffle Type G1

Baffle Type H2

Baffle Type C

Baffle Type A

Baffle Type H3

Baffle Type G3

Baffle Type F

NB - CGI's referenced to assist with visualisation / navigation of the baffle types.
Visuals are illustrative only

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DESIGN PROPOSALS - CGI's



Baffle Type C

Baffle Type A

Baffle Type H3

Baffle Type F

Baffle Type E

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