

5.08 PUBLIC REALM WIND ANALYSIS

As part of the original application proposals, wind tunnel testing was undertaken, which included the proposed retail unit. It is considered that this study remains valid in respect of this application.

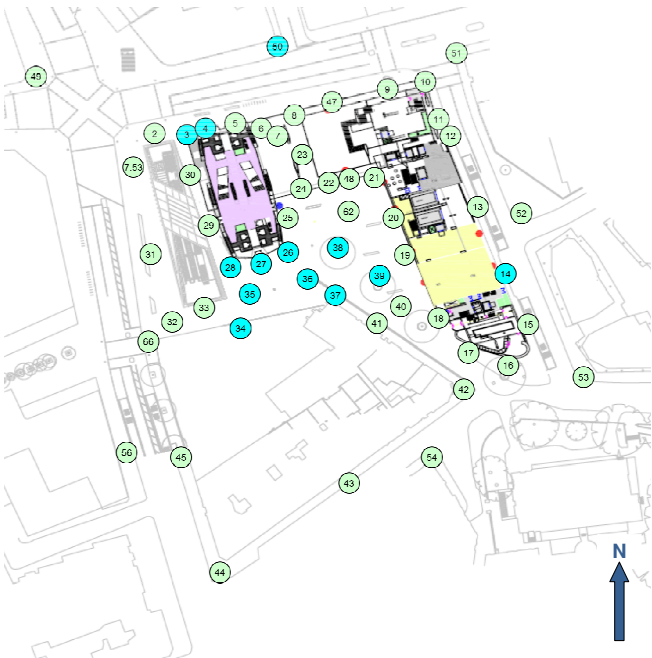
Information received from wind tunnel testing informed the treatment of the public realm immediately around Centre Point.

Wind test results indicate that the areas to the south and south east of the tower will be some of the windiest.

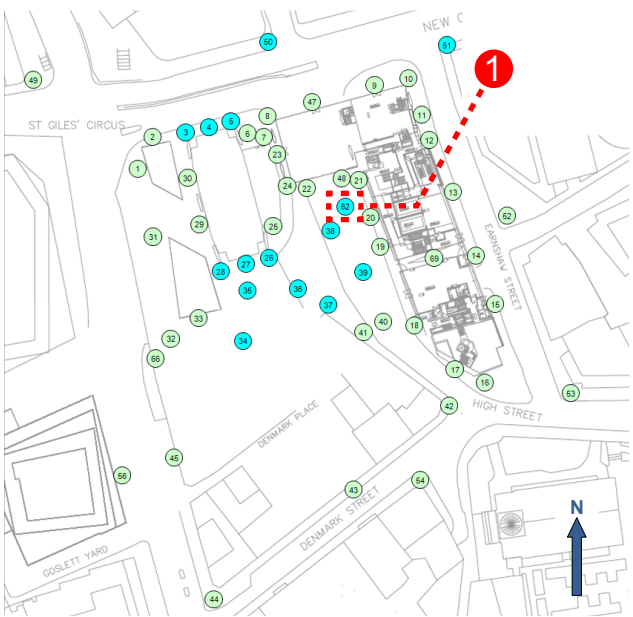
The partial infill under the bridge link would help shield the public square from high winds and create an opportunity for an increased area amenable to comfortable outdoor sitting conditions.

For further information please refer to the previous full wind reports - Environmental Statement - Volume 1- 08 Wind by URS. (Planning Permission 2014)

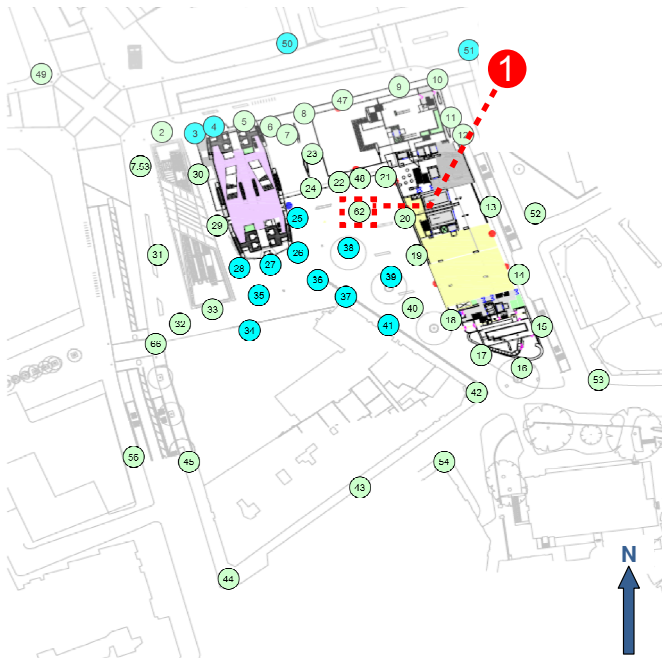
- 1
- R01 infill extends area for comfortable occupation of the square in this location during summer.
- 2
- R01 infill further extends area for comfortable occupation of the public space in this location during winter.



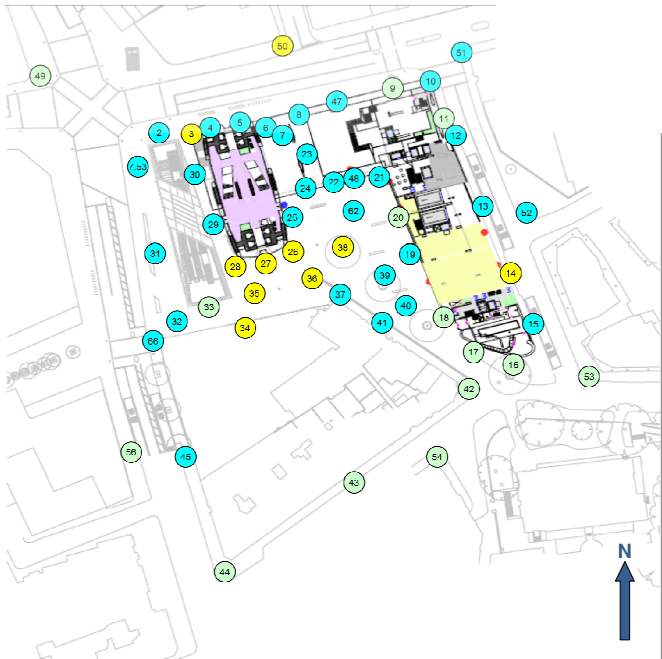
BASELINE CONDITION - SUMMER



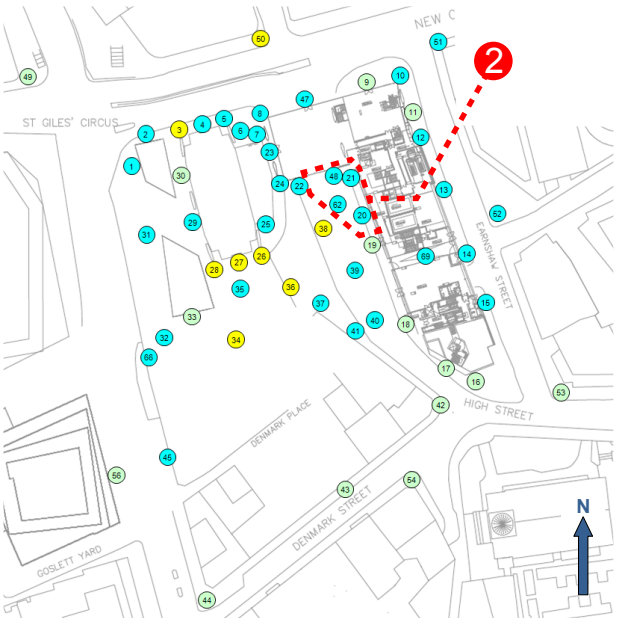
PROPOSED APPLICATION 01A (NO R01) - SUMMER



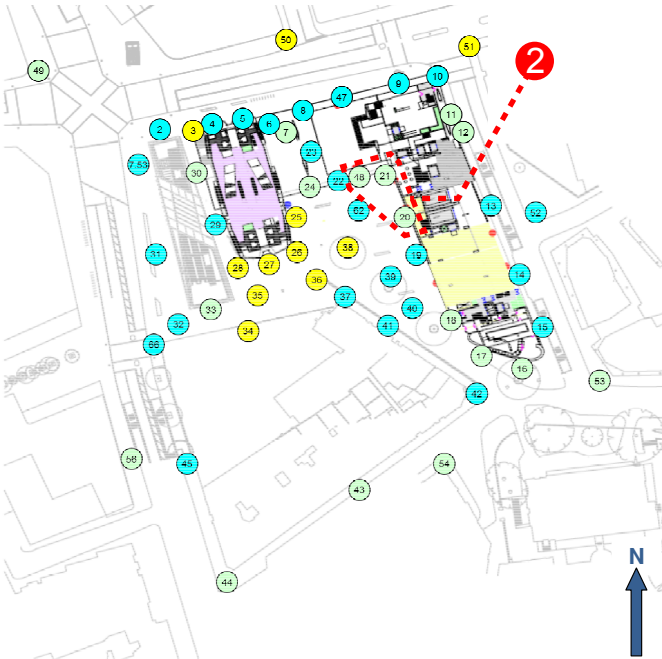
PROPOSED APPLICATION 01 (WITH R01) - SUMMER



BASELINE CONDITION - WINTER



PROPOSED APPLICATION 01A (NO R01) - WINTER



PROPOSED APPLICATION 01 (WITH R01) - WINTER

The proposed development with cumulative surrounding buildings.

Coloured dots indicate test wind readings and the recommended activity at each location.

SITTING	●
STANDING / ENTRANCE	●
LEISURE WALKING	●
BUSINESS WALKING	●
CARPARK / ROADWAY	●