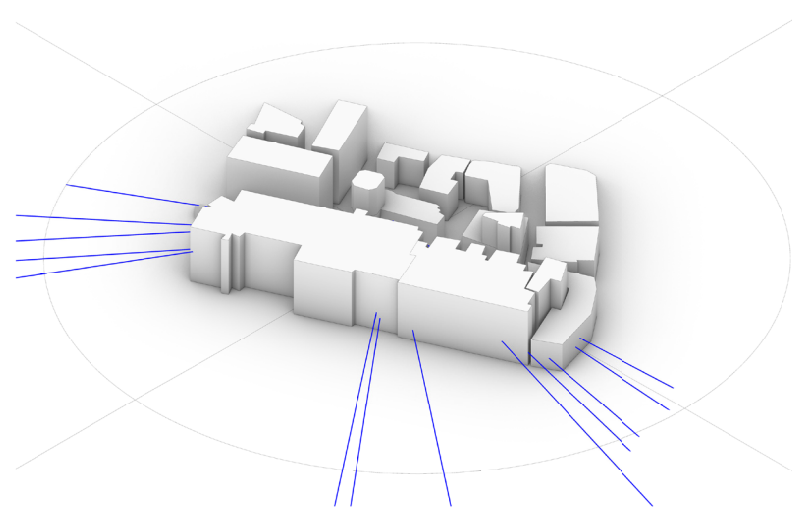
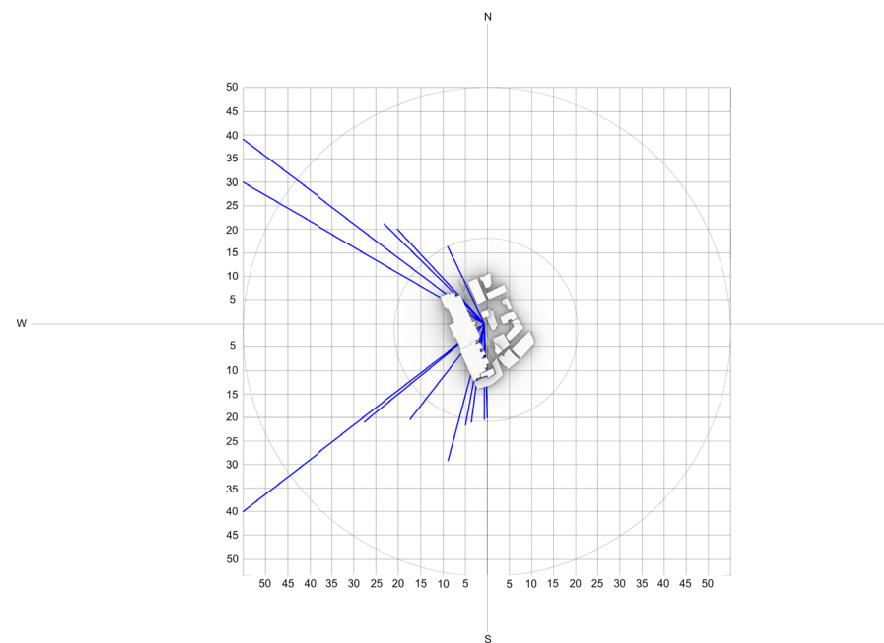
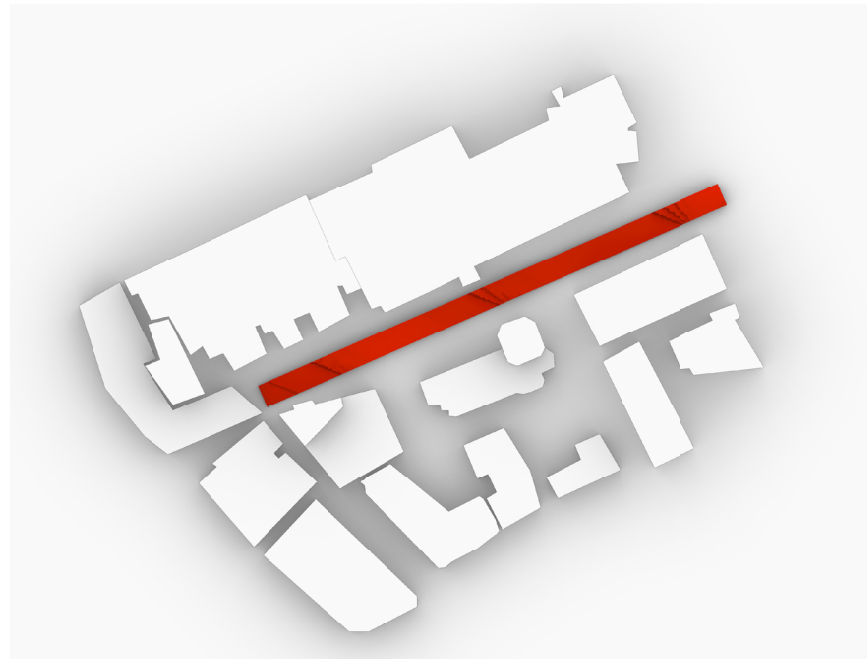




PREVAILING WINDS

The microclimate created within The Good's Line, is heavily amplified by the presence of strong northern and western wind patterns. The structural establishment of adjacent buildings, tree's and elongated path all amplify the existing powerful winds, which enter the tunneled valley. The entrance to The Good's Line faces the north which is where the most powerful winds are evident. The winter of 2019 displayed winds of up to 40km/h, which combined with the existing cold air and heavily shaded area, creates an uncomfortable transit and sitting space. The size and structural placement of buildings further disrupt and contour the patterns of wind that approach the site as well. The importance of the intervention is to address and provide a solution to winds that are evident within the specified Goods Line zone, whilst not inhibiting The Goods Line main functional purpose, which is pedestrian transit between different areas of the ultimo.



ENVELOPE

The surroundings structures within The Goods Line are mostly double envelopes with most facing the sun in order to utilise the passive capabilities of solar heating. These larger structures however, often compromise the full capability for the permanent implementation of smaller structures, as the direct rays from the sun only reach the full stretch of the line for a small, specified period of time. In order to utilise this, the creation of the intervention must account for the full utilisation of this period, whilst solving the various consequences that are applied when working within a shaded microclimate.

