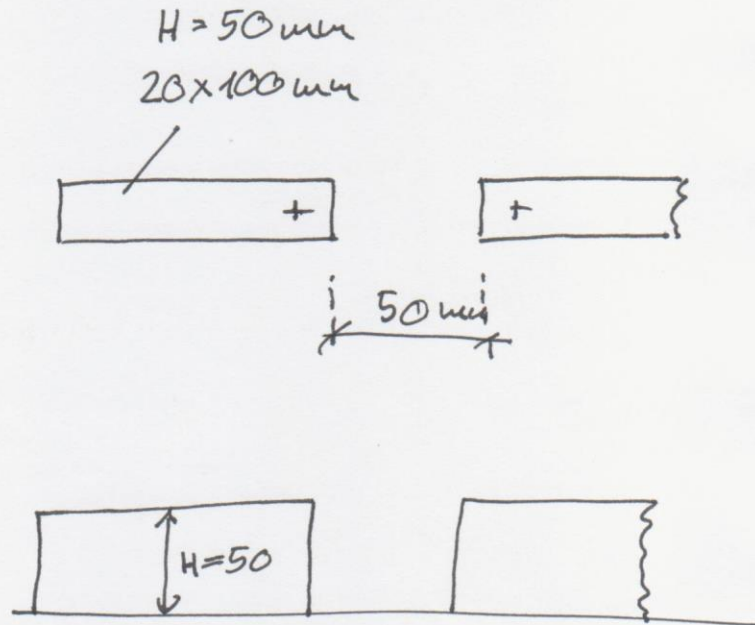
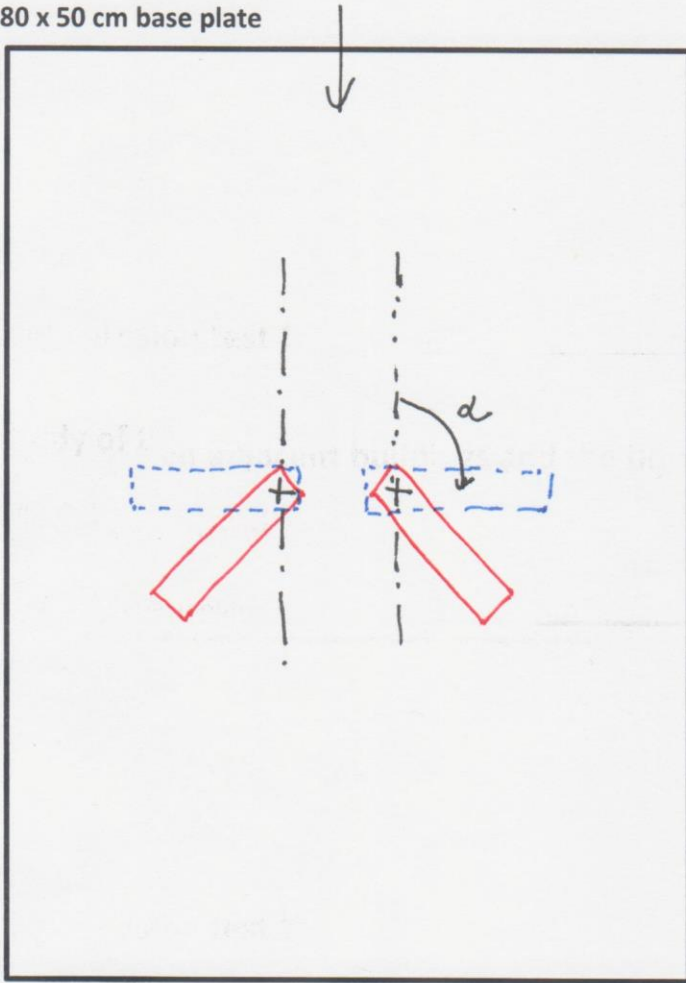


Sand erosion test 1

Study of two adjacent buildings and the flow between them

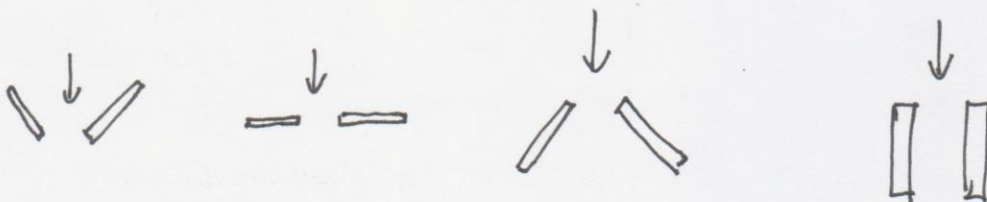
Model geometry:

80 x 50 cm base plate



Wind directions and configurations to be tested:

- Buildings symmetrical 45 deg, 90 deg, 135 deg, 180 deg to flow

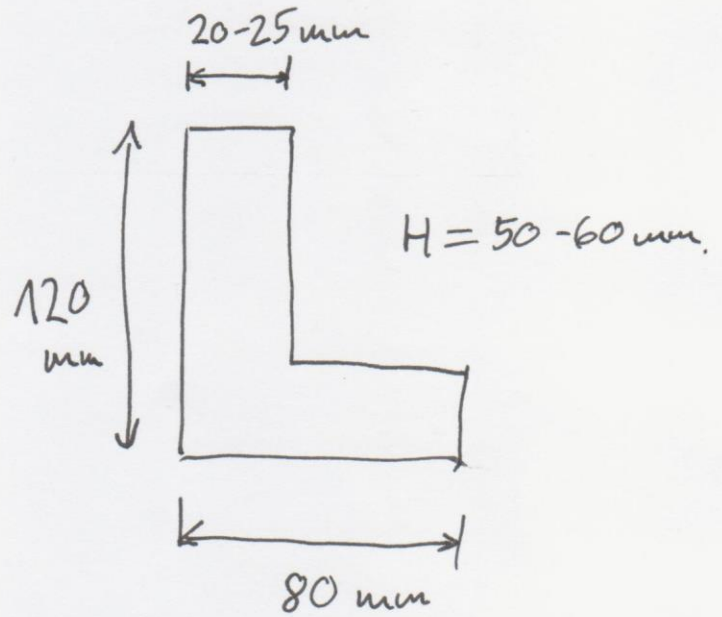
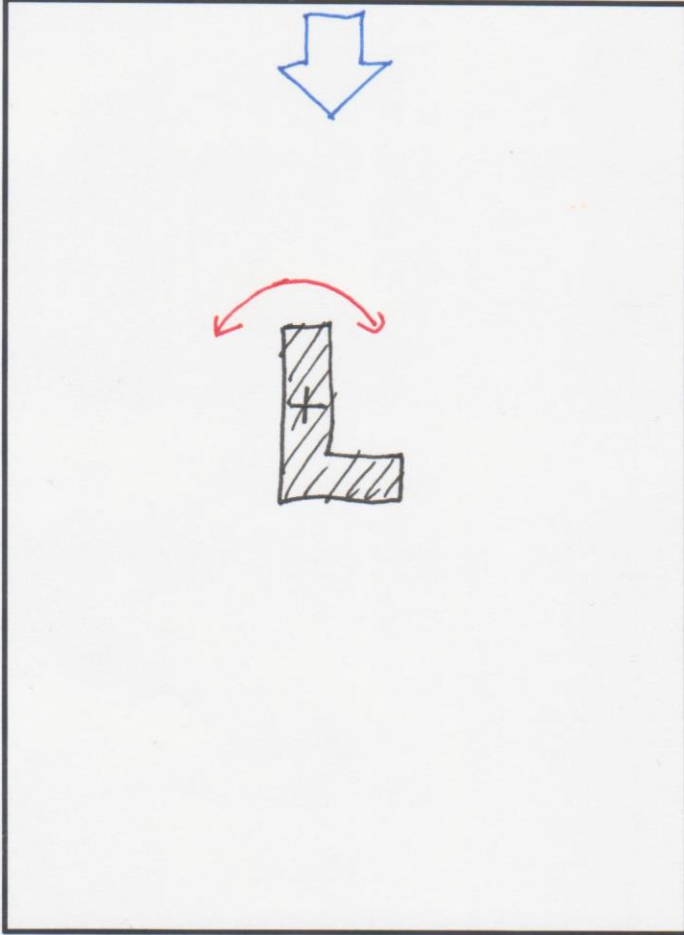


Sand erosion test 2

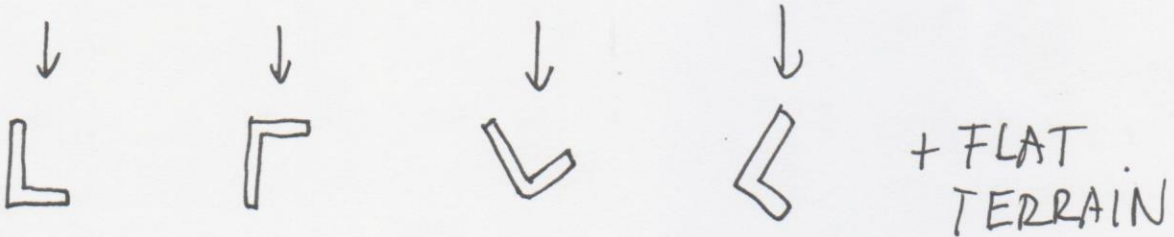
Study of the flow around an L-shaped building

Model geometry:

80 x 50 cm base plate



Wind directions and configurations to be tested:

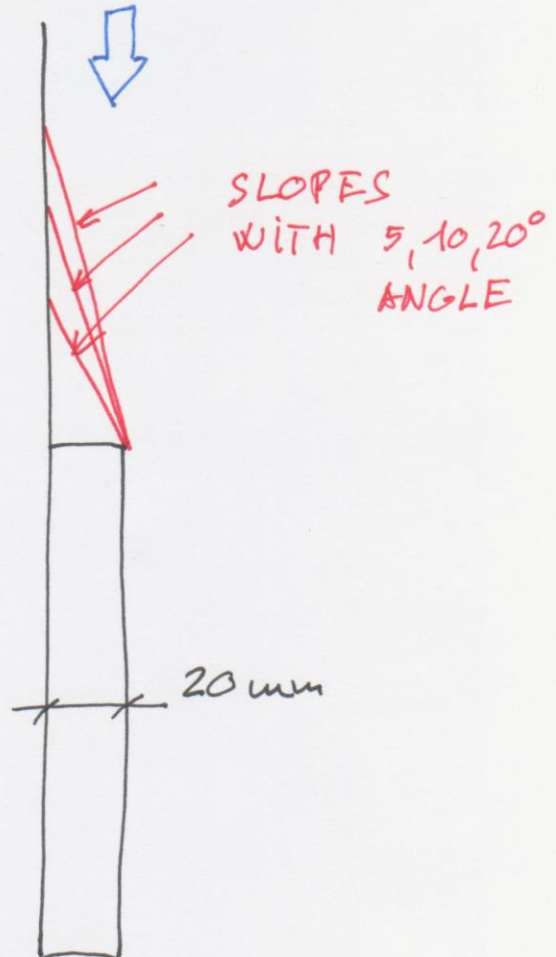
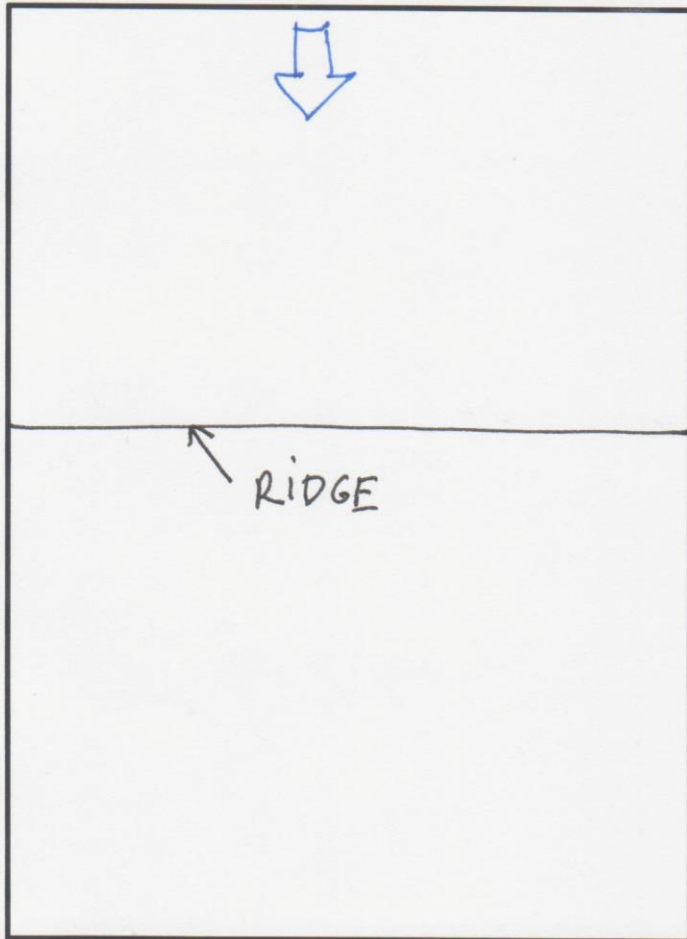


Sand erosion test 3

Flow above a hill slope with varying steepness

Model geometry:

80 x 50 cm base plate



Wind directions and configurations to be tested:

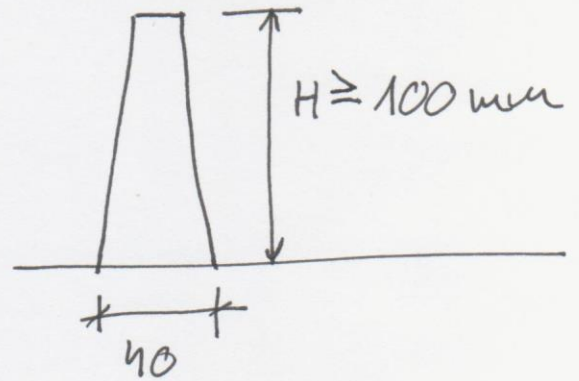
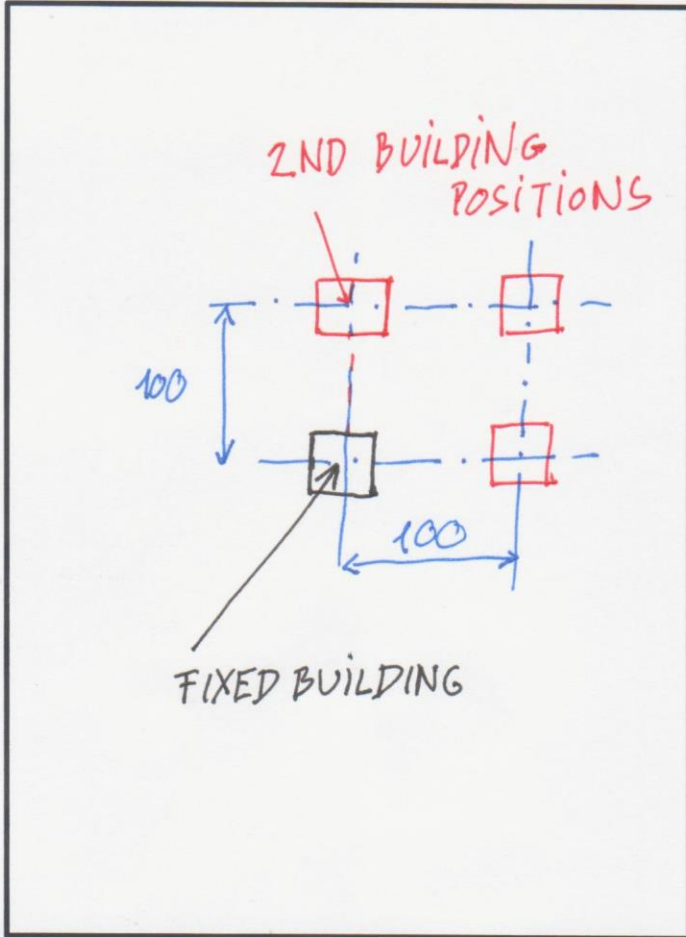
- Flat terrain
- Slope with 5 deg, 10 deg, 20 deg, 90 deg steepness

Sand erosion test 4

Study of the flow around two adjacent tall buildings

Model geometry:

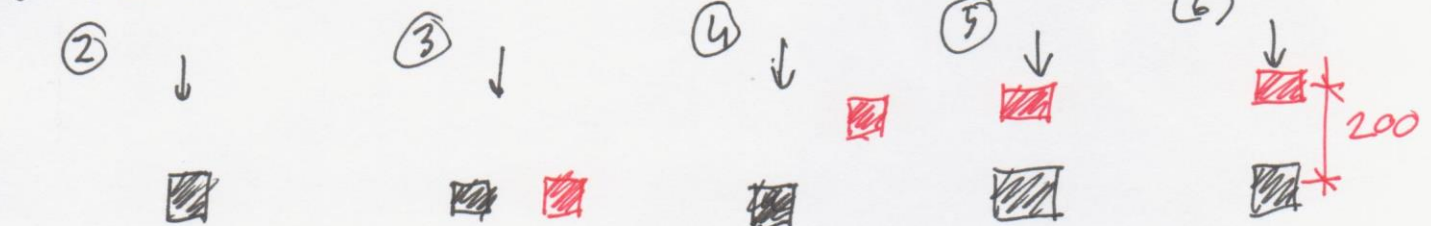
80 x 50 cm base plate



FIXED BUILDING
POSITION CAN BE
OFF CENTER BY $\sim 50 \text{ mm}$

Wind directions and configurations to be tested:

① FLAT TERRAIN

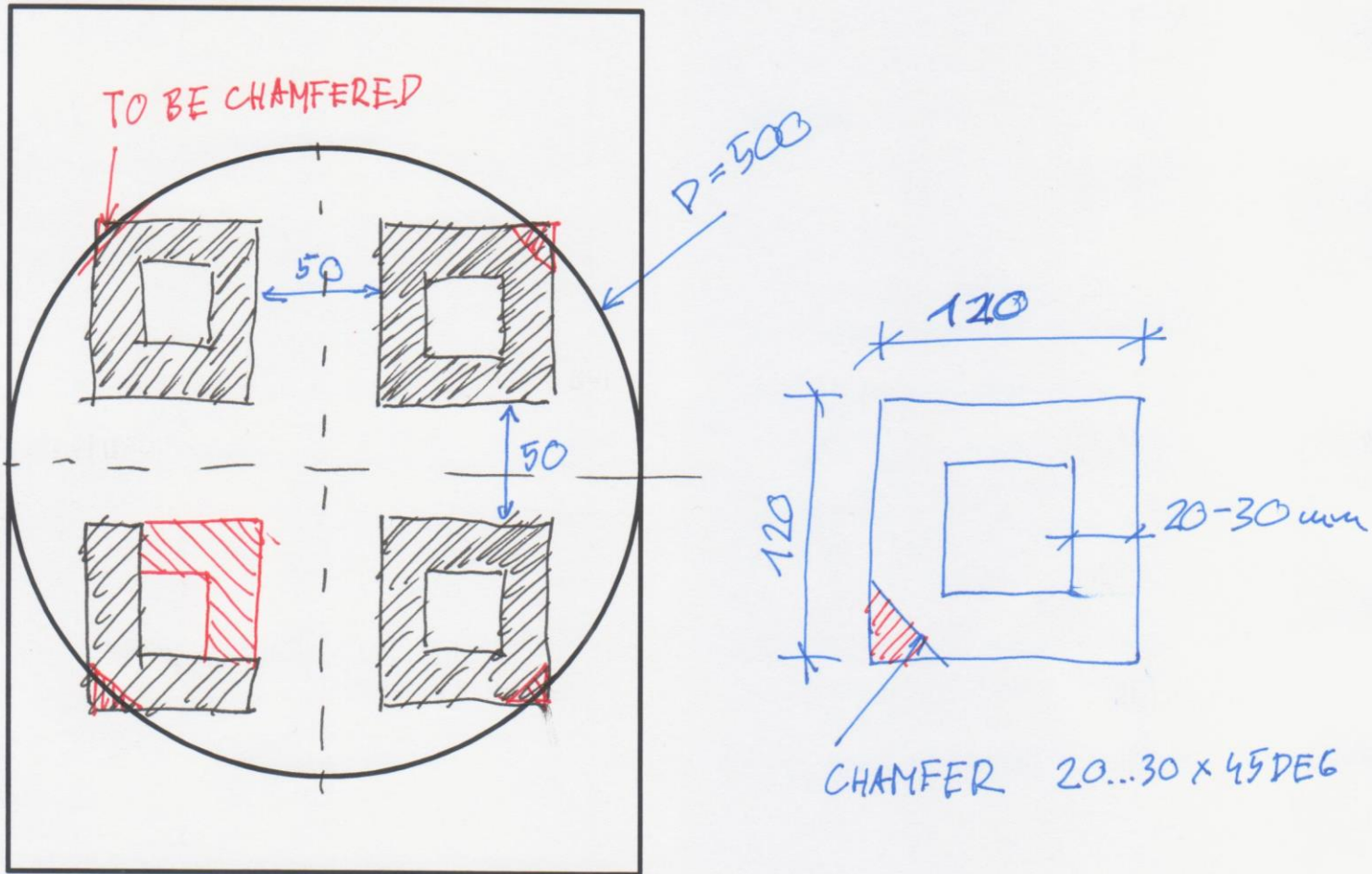


Sand erosion test 5

Study of an urban square with building gap

Model geometry:

80 x 50 cm base plate



Wind directions and configurations to be tested:

