

Buildings

Zones:

Displacement

Displacement vortex

Rooftop perpendicular

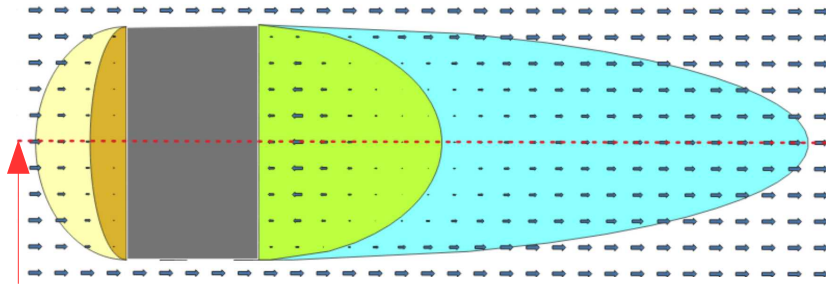
Cavity

Wake

Rooftop corner

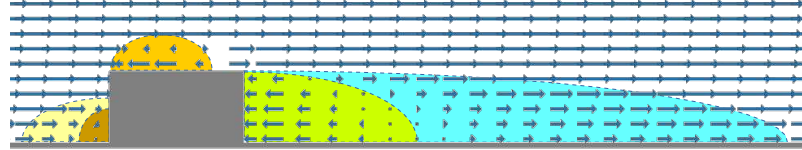
Perpendicular wind

Horizontal section near the ground



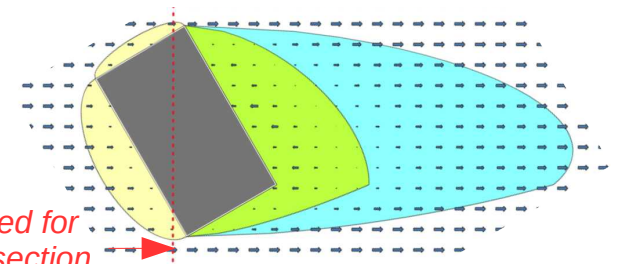
Line used for vertical section

Vertical section



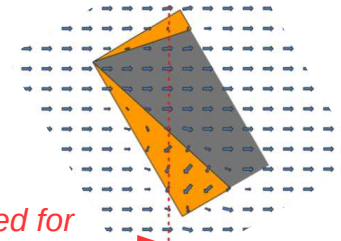
30° wind

Horizontal section near the ground



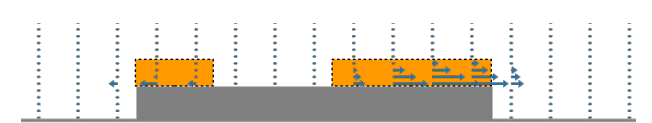
Line used for vertical section

Horizontal section near roof level



Line used for vertical section

Vertical section



(a)

Vegetation

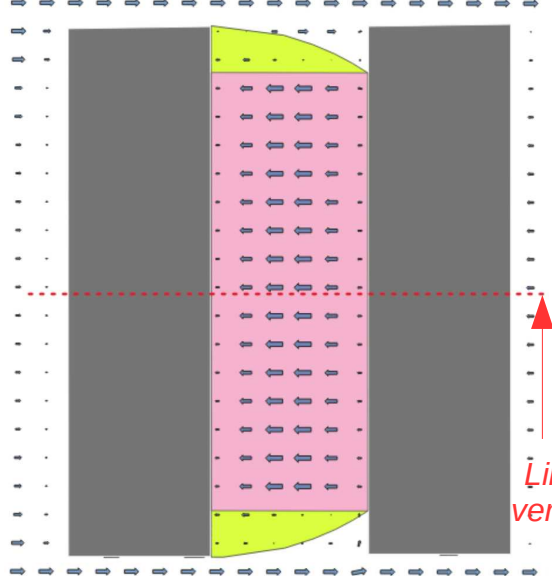
Zones:

Street canyon

Vegetation built

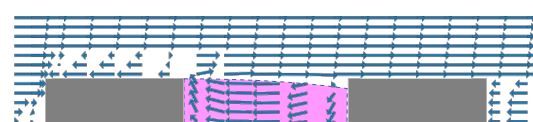
Vegetation open

Horizontal section near the ground



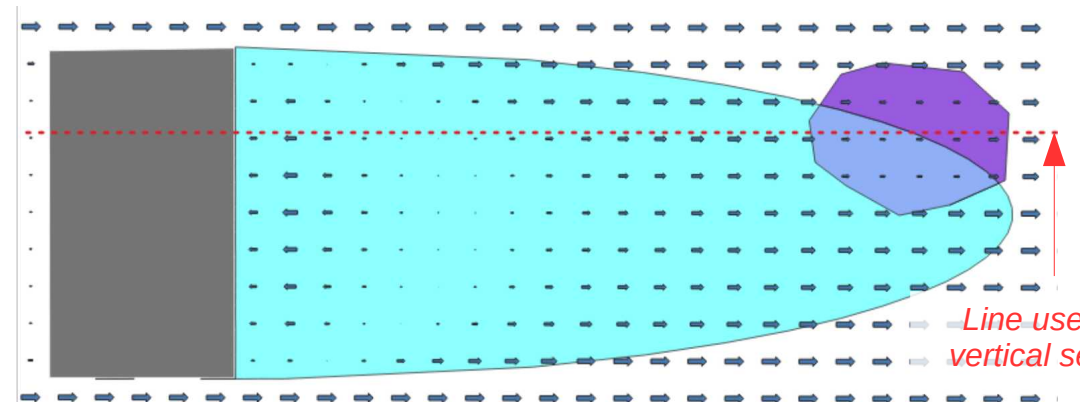
Line used for vertical section

Vertical section



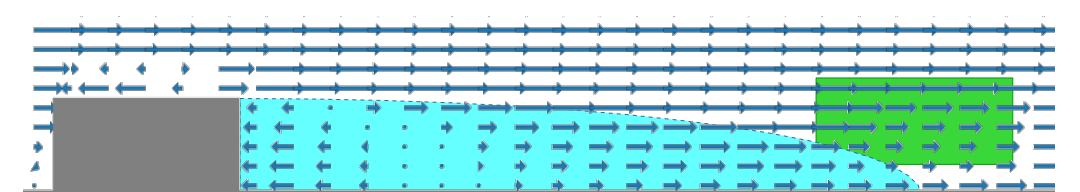
(b)

Horizontal section near the ground

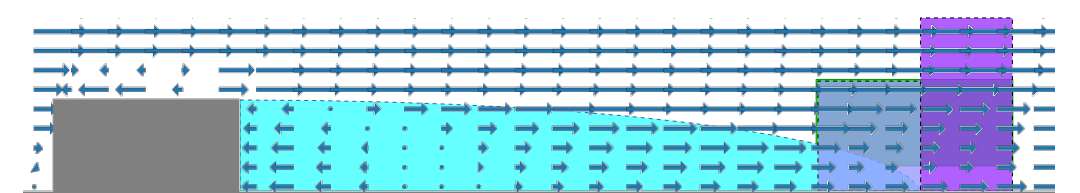


Line used for vertical section

Vertical section (with vegetation)



Vertical section (with vegetation zones)



(c)