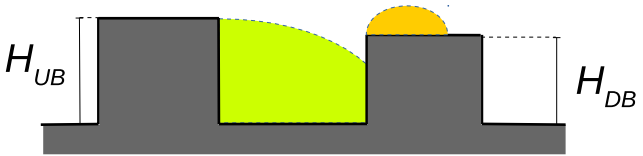
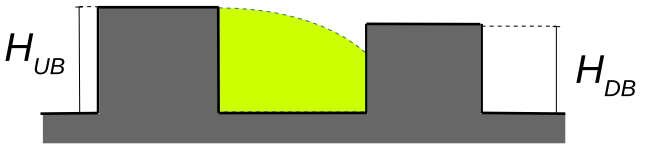
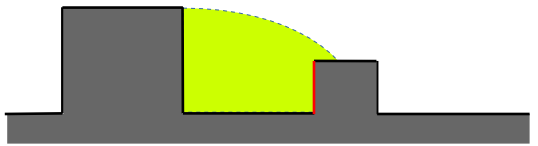
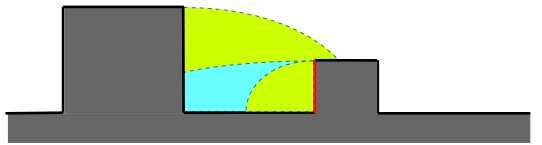
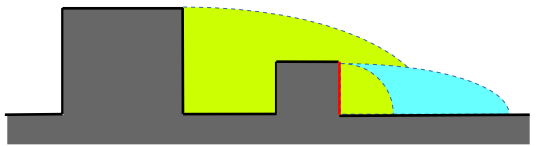
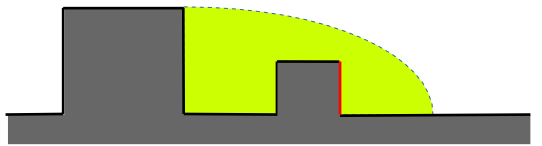
	Name	Conditions	Röckle zones interaction	Result of zones interaction
(a)	Cavity-rooftop	• Cavity zone intersects downwind stacked block • $H_{UB} > H_{DB}$		 Rooftop zones are removed
(b)	Cavity-upwind facade	• Upwind facade of downwind stacked block entirely included within a cavity zone		 Backward zones are created and replace other zones
(c)	Cavity-downwind facade	• Downwind facade of downwind stacked block entirely included within a cavity zone		 All downwind zones of the downwind building are removed

Cavity | Wake | Rooftop perpendicular