

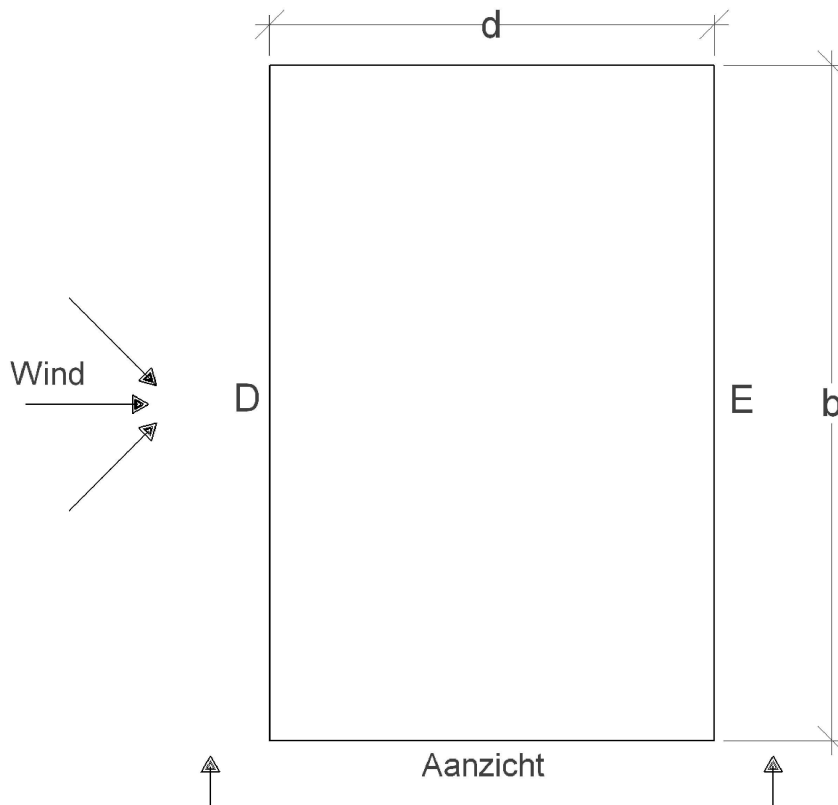
Bepaling van de extreme waarde van de stuwdruk volgens NEN-EN 1991-1-4

Referentiehoogte z_e =	20,0 m
Gebied =	Gebied II
Omgeving =	Bebouwd
q_p =	0,90 kN/m ²

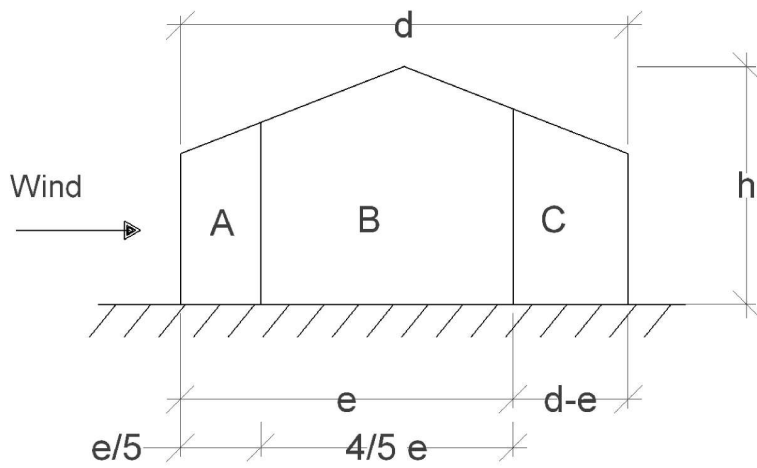
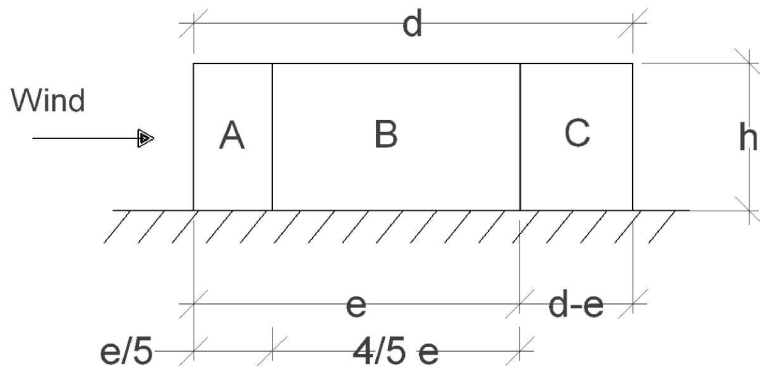
De gebouwfmetingen zijn:

b =	30,0 m
d =	15,0 m
h =	6,0 m
$h/d = 6,0/15,0$ =	0,40
$e = \text{MIN}(b; 2 \cdot h)$ =	12,0 m

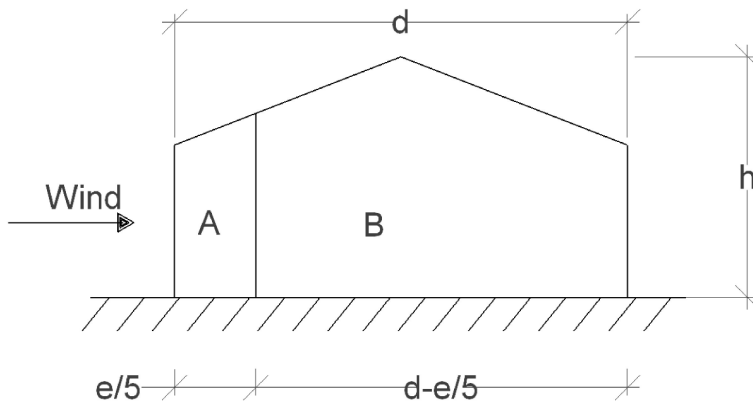
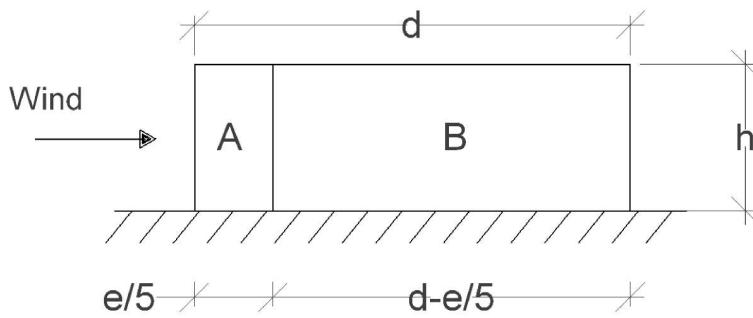
Plattegrond



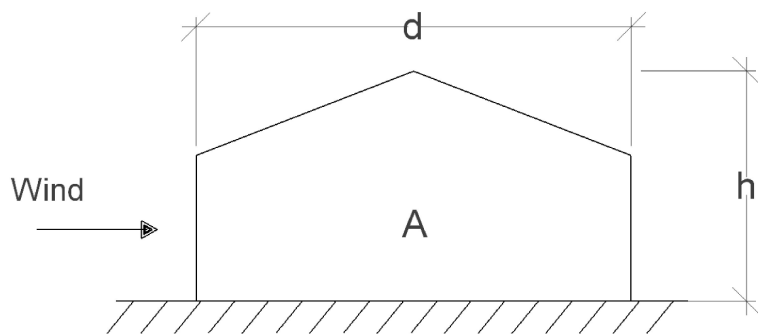
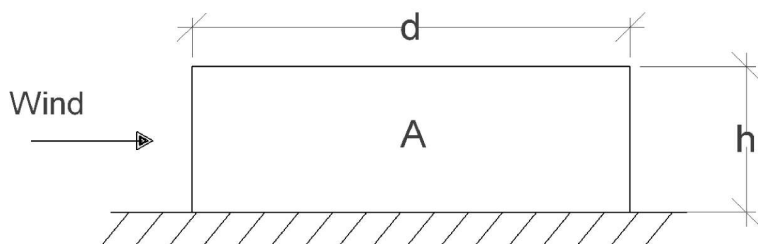
Aanzicht voor $e < d$



Aanzicht voor $e \geq d$



Aanzicht voor $e \geq 5d$



De globale drukcoëfficiënten zijn:

Zone A $c_{pe,10}$ =	-1,20
Zone B $c_{pe,10}$ =	-0,80
Zone C $c_{pe,10}$ =	-0,50
Zone D $c_{pe,10}$ =	0,80
Zone E $c_{pe,10}$ =	-0,50

De lokale drukcoëfficiënten zijn:

Zone A $c_{pe,1}$ =	-1,40
Zone B $c_{pe,1}$ =	-1,10
Zone C $c_{pe,1}$ =	-0,50
Zone D $c_{pe,1}$ =	1,00
Zone E $c_{pe,1}$ =	-0,50