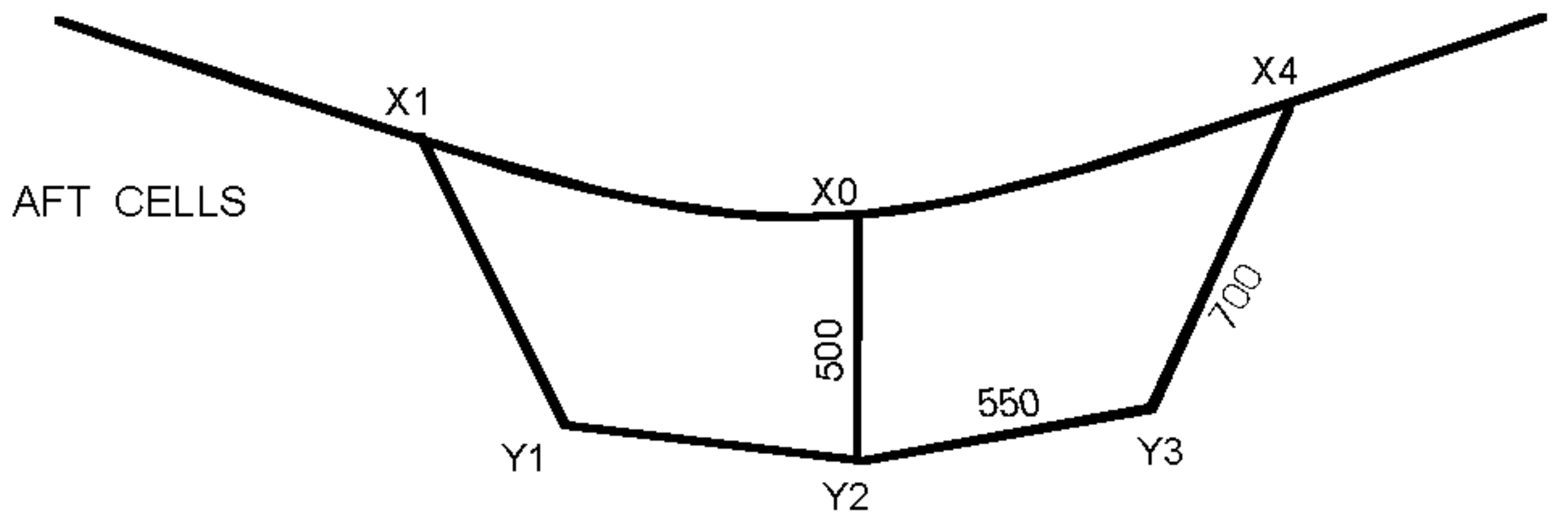
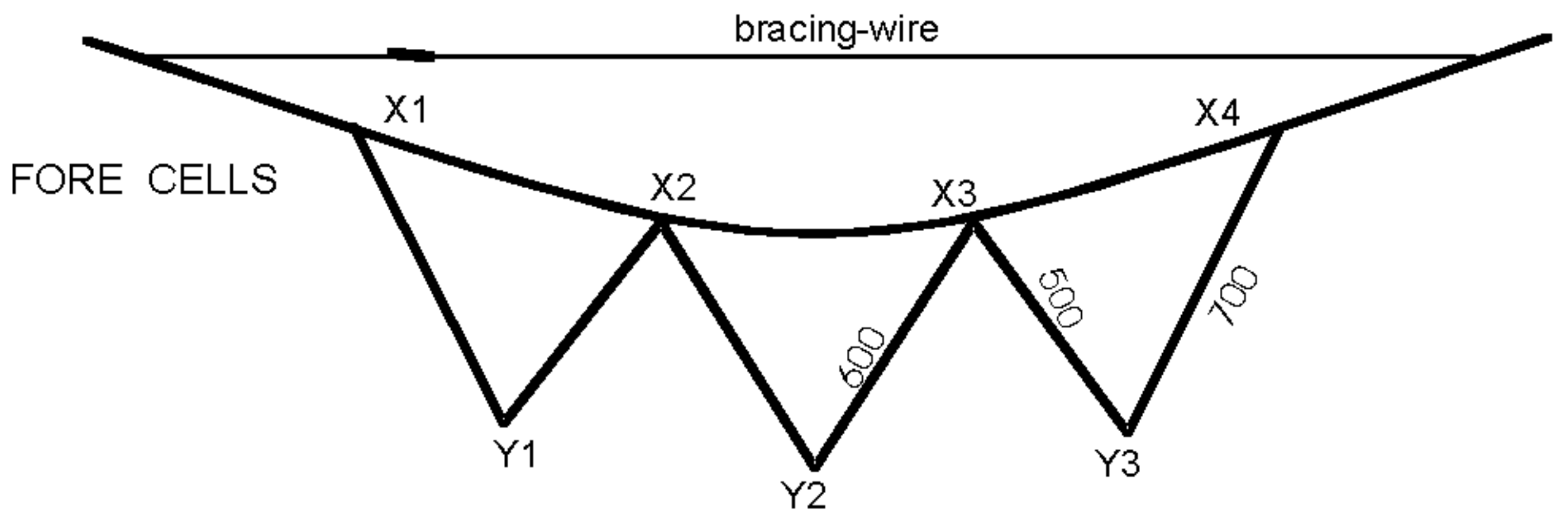
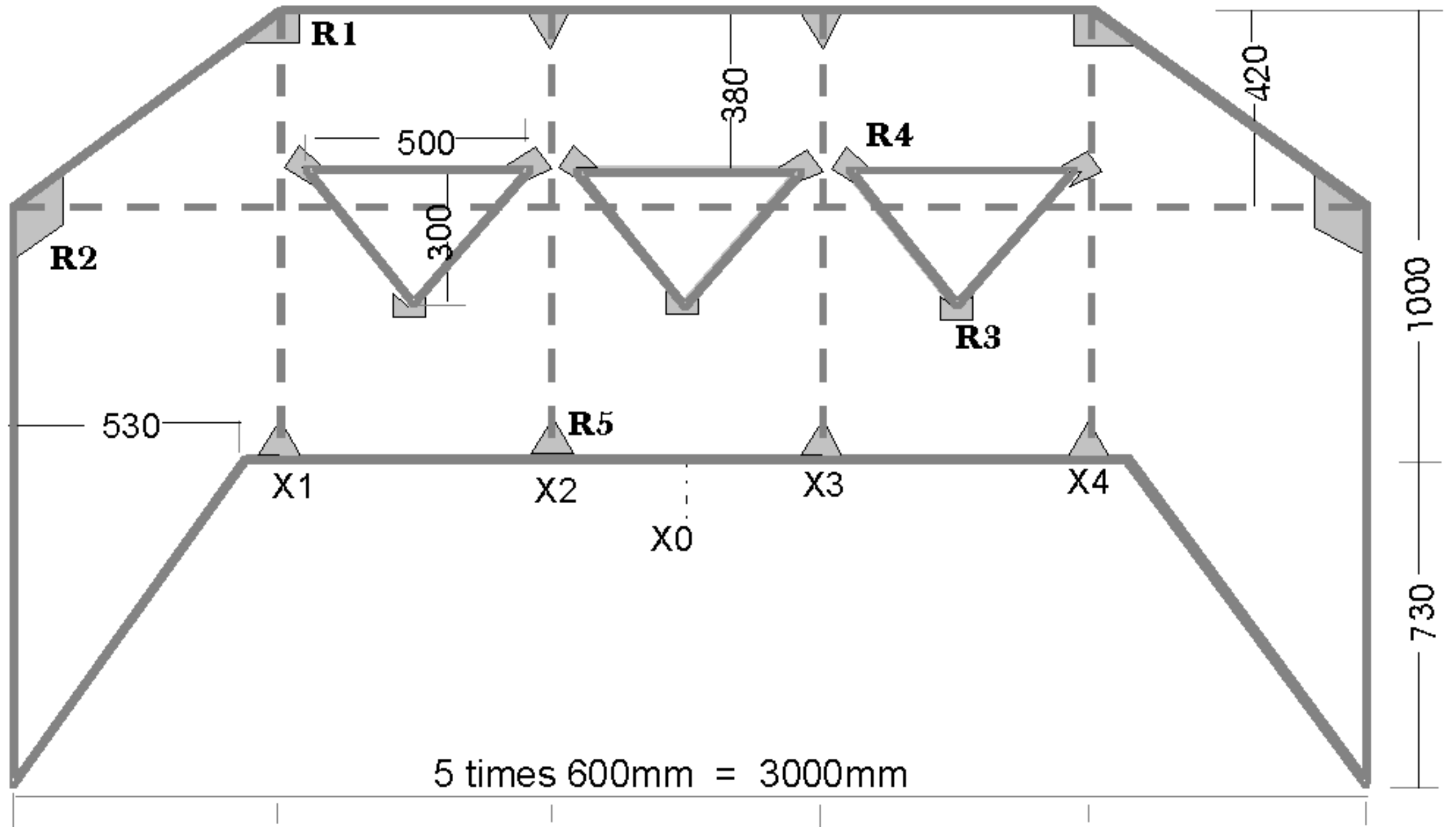


Le WACO

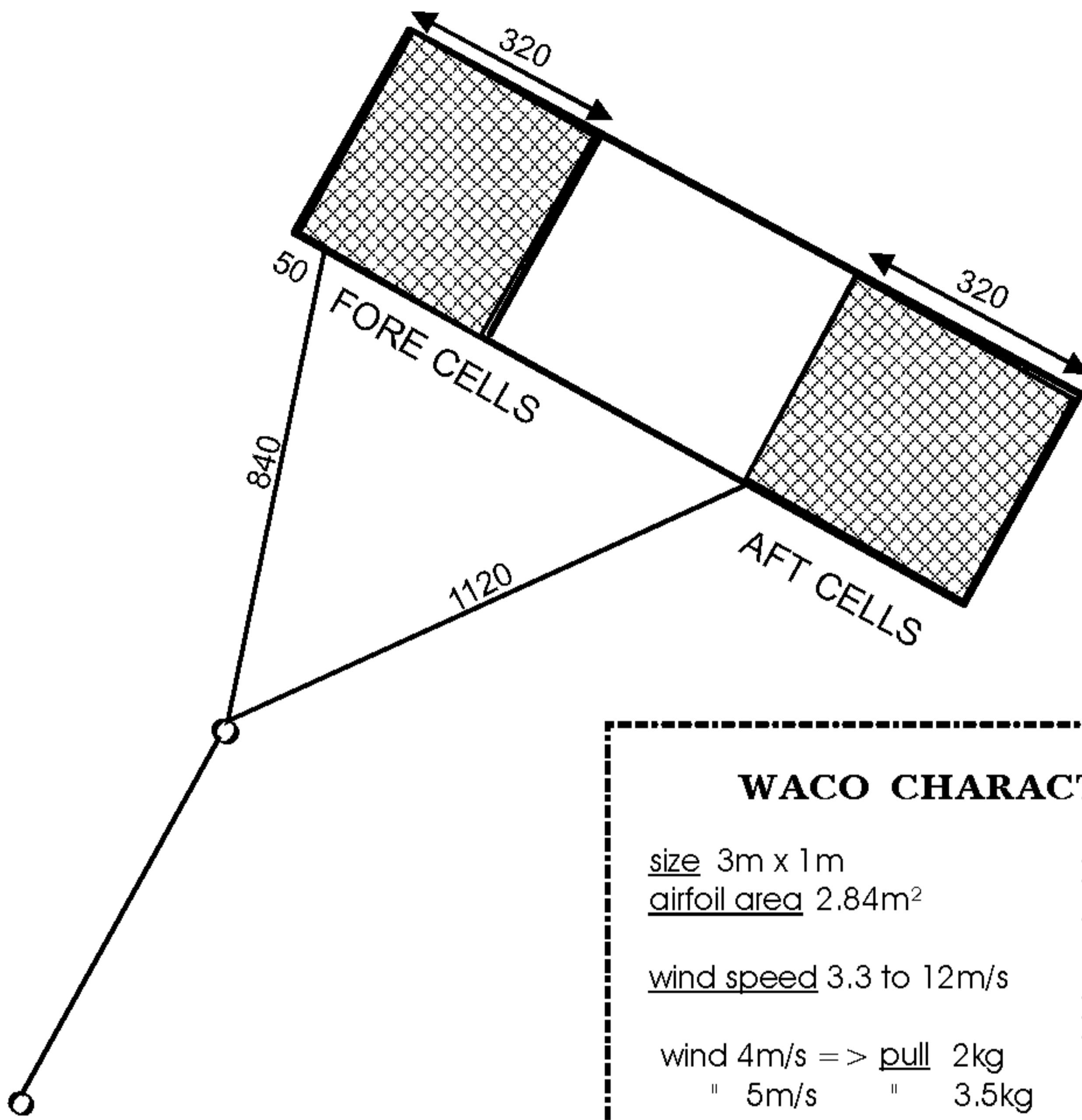
dimensions in millimeters



longerons = X1 X2 X3 X4
Y1 Y2 Y3

drawn by Christian BECOT october 1999

WACO



WACO CHARACTERISTICS

size 3m x 1m

airfoil area 2.84m²

weight 0.8kg

density 0.28

wind speed 3.3 to 12m/s

attack angle 25°

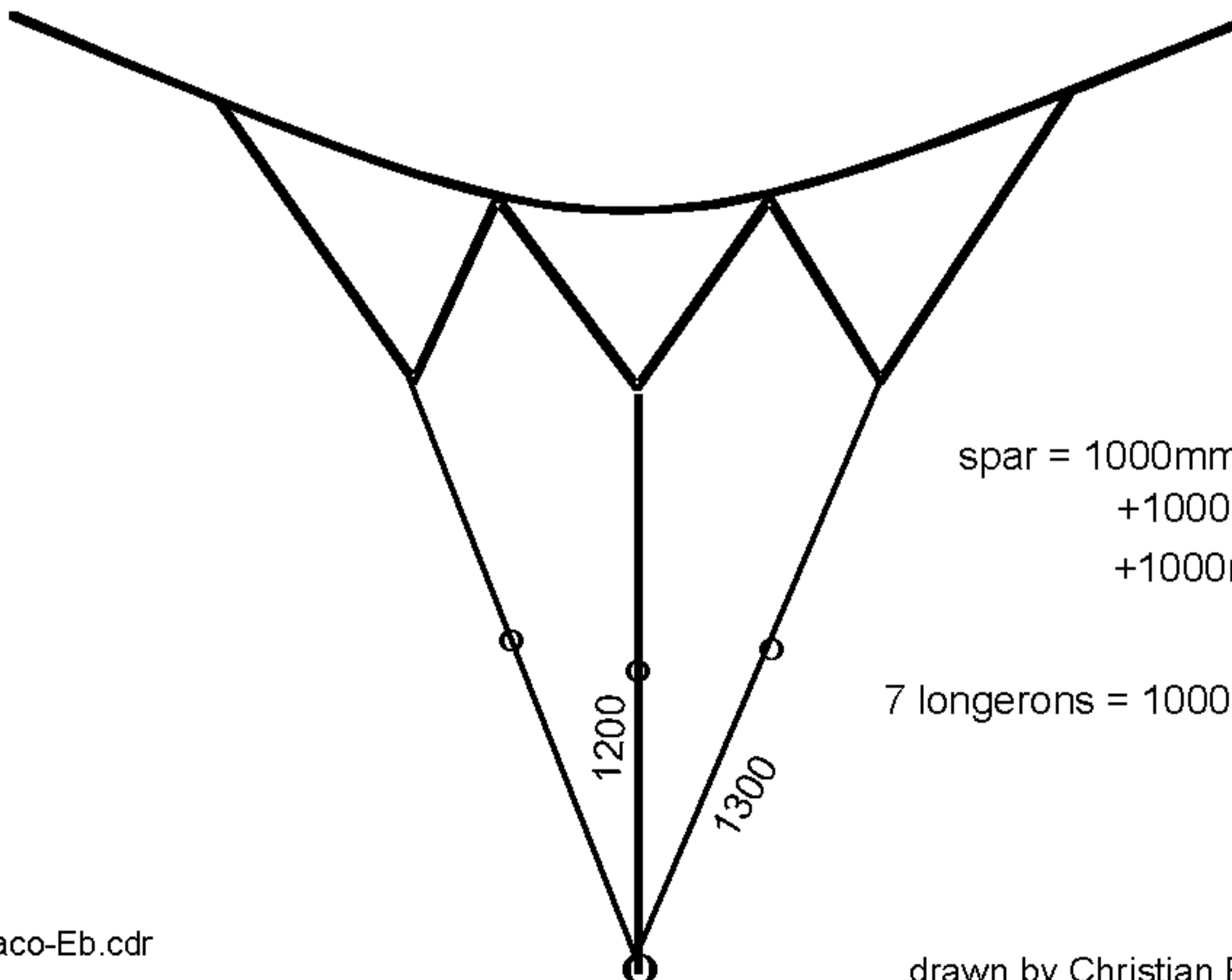
fulcrum angle 50°

wind 4m/s => pull 2kg

" 5m/s " 3.5kg

" 6m/s " 4.5kg

" 8m/s " 6kg



spar = 1000mm fiber-glass 8mm

+1000mm carbon rod 8mm

+1000mm fiber-glass 8mm

7 longerons = 1000mm wood rod 8mm