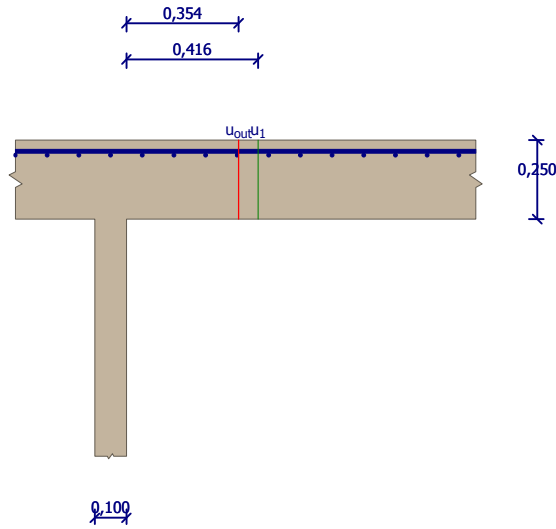
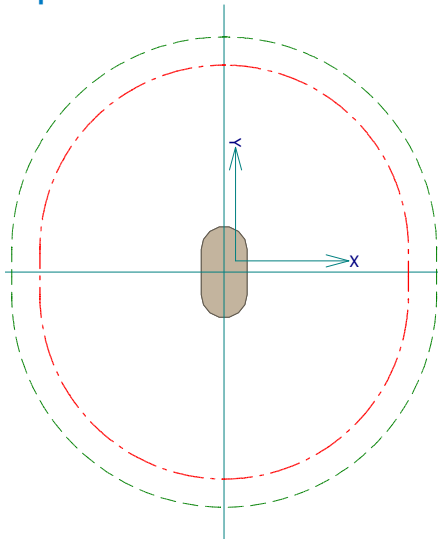


Demo01

Front view



Top view



Materials

Concrete: C 20/25, Longitudinal reinforcement: B500, Stirrups: B500

Load

Shear force $V_{Ed} = 300,00$ kN
 Bending moment in direction x $M_{Ed,x} = 0,00$ kNm
 Bending moment in direction y $M_{Ed,y} = 0,00$ kNm
 Axial force in slab $N_{Ed,x} = 0,00$ kN acting on width 1,000m
 Axial force in slab $N_{Ed,y} = 0,00$ kN acting on width 1,000m

Reinforcement

Slab reinforcement in direction of axis x: $10,0 \times \varnothing 12,0$ mm/m, cover 30,0 mm
 Slab reinforcement in direction of axis y: $10,0 \times \varnothing 12,0$ mm/m, cover 42,0 mm

Critical circumference table

column distance [m]	circumference [m]	v_{Ed} [MPa]	v_{Rd} [MPa]	Result
0	0,514	2,805	3,68	Pass
0,416	3,128	0,461	0,527	Pass

PASS