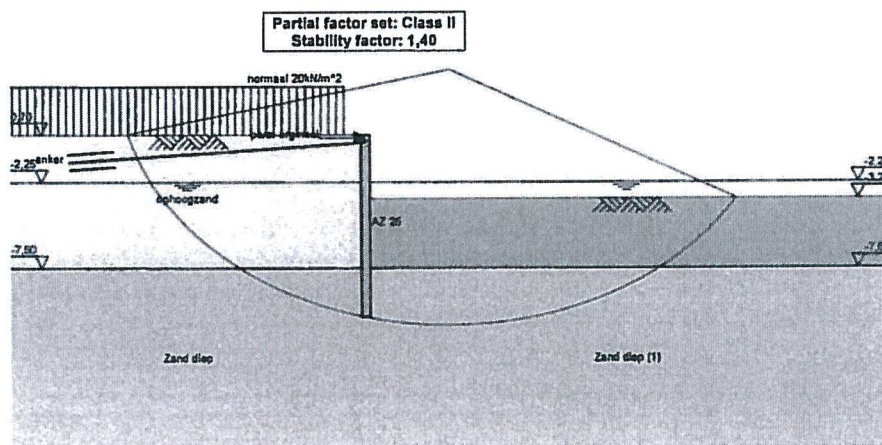


5 Overall Stability Stage 1: gebruik

Stability factor : 1,40

5.1 Overall Stability

Overall Stability - Stage 1: gebruik



6 Step 6.5 Stage 1: gebruik

6.1 General Input Data

6.1.1 Horizontal Loads

Name	Level [m]	Load [kN/m']
perm orgineel	0,50	22,30
ver orgineel	0,50	20,20

6.2 Input Data Left

6.2.1 Calculation Method

Calculation method: C, phi, delta

6.2.2 Water Level

Water level: -2,25 [m]

6.2.3 Surface

X [m]	Y [m]
0,00	0,70

6.2.4 Soil Material Properties in Profile: profiel 1

Layer name	Level [m]	Unit weight		Cohesion [kN/m²]	Friction angle phi [deg]	Delta friction angle [deg]
		Unsat [kN/m³]	Sat [kN/m³]			
ophoogzand	1,00	18,00	20,00	0,00	30,00	20,00
Zand diep	-7,50	18,00	20,00	0,00	32,50	16,60

Layer name	Level [m]	Shell factor [-]	OCR [-]	Grain type
ophoogzand	1,00	1,00	1,00	Fine
Zand diep	-7,50	1,00	1,00	Fine

Layer name	Level [m]	Earth pressure coefficients			Additional pore pressure	
		Active [-]	Neutral [-]	Passive [-]	Top [kN/m²]	Bottom [kN/m²]
ophoogzand	1,00	n.a.	n.a.	n.a.	0,00	0,00
Zand diep	-7,50	n.a.	n.a.	n.a.	0,00	0,00

6.2.5 Modulus of Subgrade Reaction (Tangent D-Sheet Piling Classic)

Layer name	Level [m]	Branch 1	
		Top [kN/m³]	Bottom [kN/m³]
ophoogzand	1,00	5000,00	5000,00
Zand diep	-7,50	20000,00	20000,00

6.2.6 Anchors

Name	Level [m]	E-Modulus [kN/m²]	Cross section [m²/m']	Length [m]	Angle [deg]	Yield force [kN/m']	Pre-tension. force [kN/m']
anker	0,20	2,100E+08	4,420E-04	14,00	-5,00	10000,00	n.a.