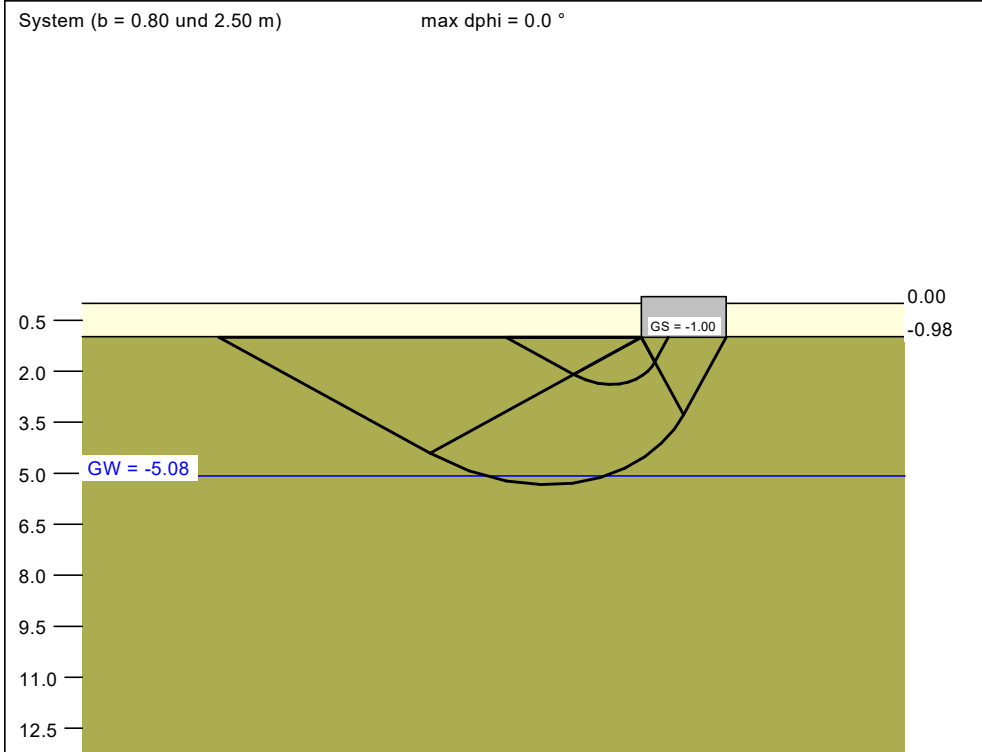
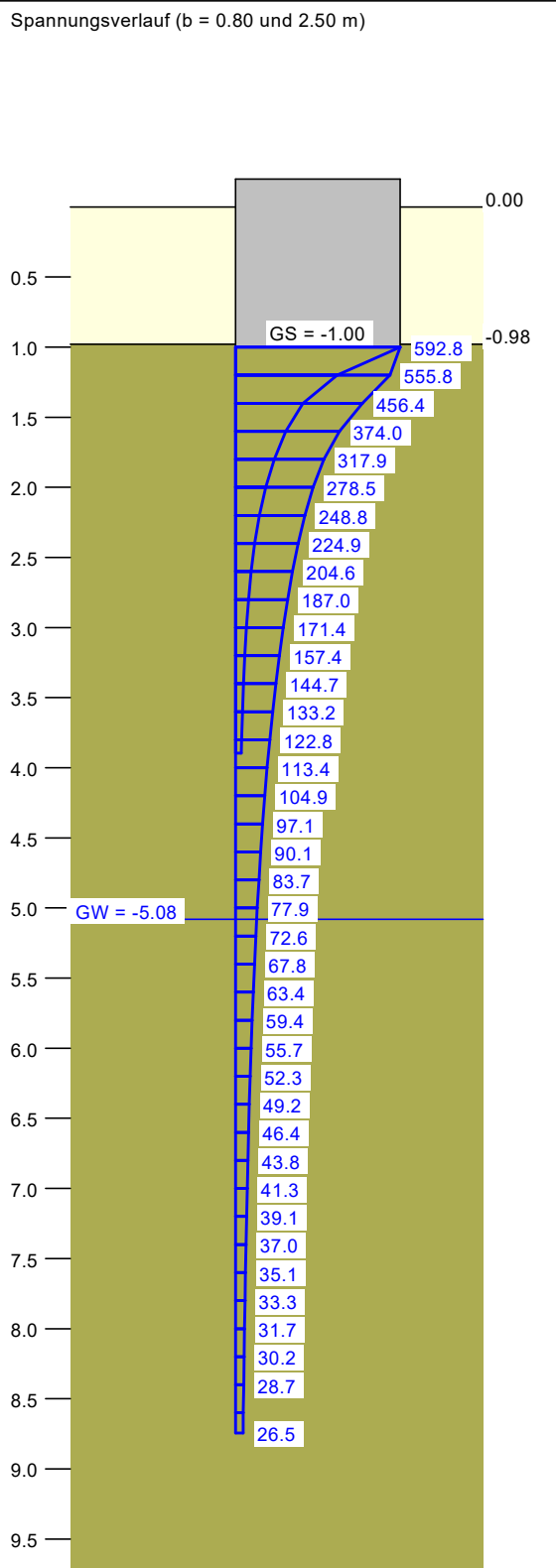


Boden	γ [kN/m³]	γ' [kN/m³]	φ [°]	c [kN/m²]	E_s [MN/m²]	ν [-]	Bezeichnung
	18.5	10.5	30.0	0.0	15.0	0.00	Auffüllung (rollig)
	18.5	10.5	32.5	0.0	20.0	0.00	glazifluviatile Sedimente



a	b	$\sigma_{R,d}$	$R_{n,d}$	$\sigma_{E,k}$	s	cal φ	cal c	γ_2	$\sigma_{\bar{u}}$	t_g	UK LS
[m]	[m]	[kN/m²]	[kN]	[kN/m²]	[cm]	[°]	[kN/m²]	[kN/m³]	[kN/m²]	[m]	[m]
0.80	0.80	610.6	390.8	428.5	1.25	32.5	0.00	18.50	18.50	3.90	2.39
0.90	0.90	624.5	505.8	438.2	1.43	32.5	0.00	18.50	18.50	4.18	2.56
1.00	1.00	638.4	638.4	448.0	1.62	32.5	0.00	18.50	18.50	4.45	2.73
1.10	1.10	652.3	789.3	457.8	1.82	32.5	0.00	18.50	18.50	4.72	2.91
1.20	1.20	666.2	959.3	467.5	2.02	32.5	0.00	18.50	18.50	4.98	3.08
1.30	1.30	680.1	1149.4	477.3	2.23	32.5	0.00	18.50	18.50	5.27	3.25
1.40	1.40	694.0	1360.2	487.0	2.44	32.5	0.00	18.50	18.50	5.57	3.43
1.50	1.50	707.9	1592.8	496.8	2.67	32.5	0.00	18.50	18.50	5.86	3.60
1.60	1.60	721.8	1847.8	506.5	2.90	32.5	0.00	18.50	18.50	6.16	3.78
1.70	1.70	735.7	2126.1	516.3	3.14	32.5	0.00	18.50	18.50	6.45	3.95
1.80	1.80	749.6	2428.7	526.0	3.38	32.5	0.00	18.50	18.50	6.74	4.12
1.90	1.90	763.5	2756.2	535.8	3.63	32.5	0.00	18.50	18.50	7.03	4.30
2.00	2.00	777.4	3109.5	545.5	3.89	32.5	0.00	18.50	18.50	7.32	4.47
2.10	2.10	791.3	3489.5	555.3	4.15	32.5	0.00	18.50	18.50	7.61	4.64
2.20	2.20	805.2	3897.1	565.0	4.42	32.5	0.00	18.50	18.50	7.90	4.82
2.30	2.30	819.1	4332.9	574.8	4.70	32.5	0.00	18.50	18.50	8.18	4.99
2.40	2.40	832.6	4796.0	584.3	4.98	32.5	0.00	18.48	18.50	8.47	5.16
2.50	2.50	844.8	5280.0	592.8	5.26	32.5	0.00	18.39	18.50	8.74	5.34

$\sigma_{E,k} = \sigma_{R,k} / (\gamma_{R,v} \cdot \gamma_{(G,Q)}) = \sigma_{R,k} / (1.40 \cdot 1.43) = \sigma_{R,k} / 1.99$ (für Setzungen)
Verhältnis Veränderliche(Q)/Gesamtlasten(G+Q) [-] = 0.50



Berechnungsgrundlagen:
Profil KRB1 - Monoblock
Norm: EC 7
BS: DIN 1054: BS-P
Grundbruchformel nach DIN 4017:2006
Teilsicherheitskonzept (EC 7)
Einzelfundament (a/b = 1.00)
 $\gamma_{R,v} = 1.40$
 $\gamma_G = 1.35$
 $\gamma_Q = 1.50$

Anteil Veränderliche Lasten = 0.500
 $\gamma_{(G,Q)} = 0.500 \cdot \gamma_Q + (1 - 0.500) \cdot \gamma_G$
 $\gamma_{(G,Q)} = 1.425$
Oberkante Gelände = 0.00 m rel
Gründungssohle = -1.00 m rel
Grundwasser = -5.08 m rel
Grenztiefe mit p = 20.0 %
Grenztiefen spannungsvariabel bestimmt
— Sohl Druck
— Setzungen

