



DR. SPANG

Projekt: S6 2. Baustufe

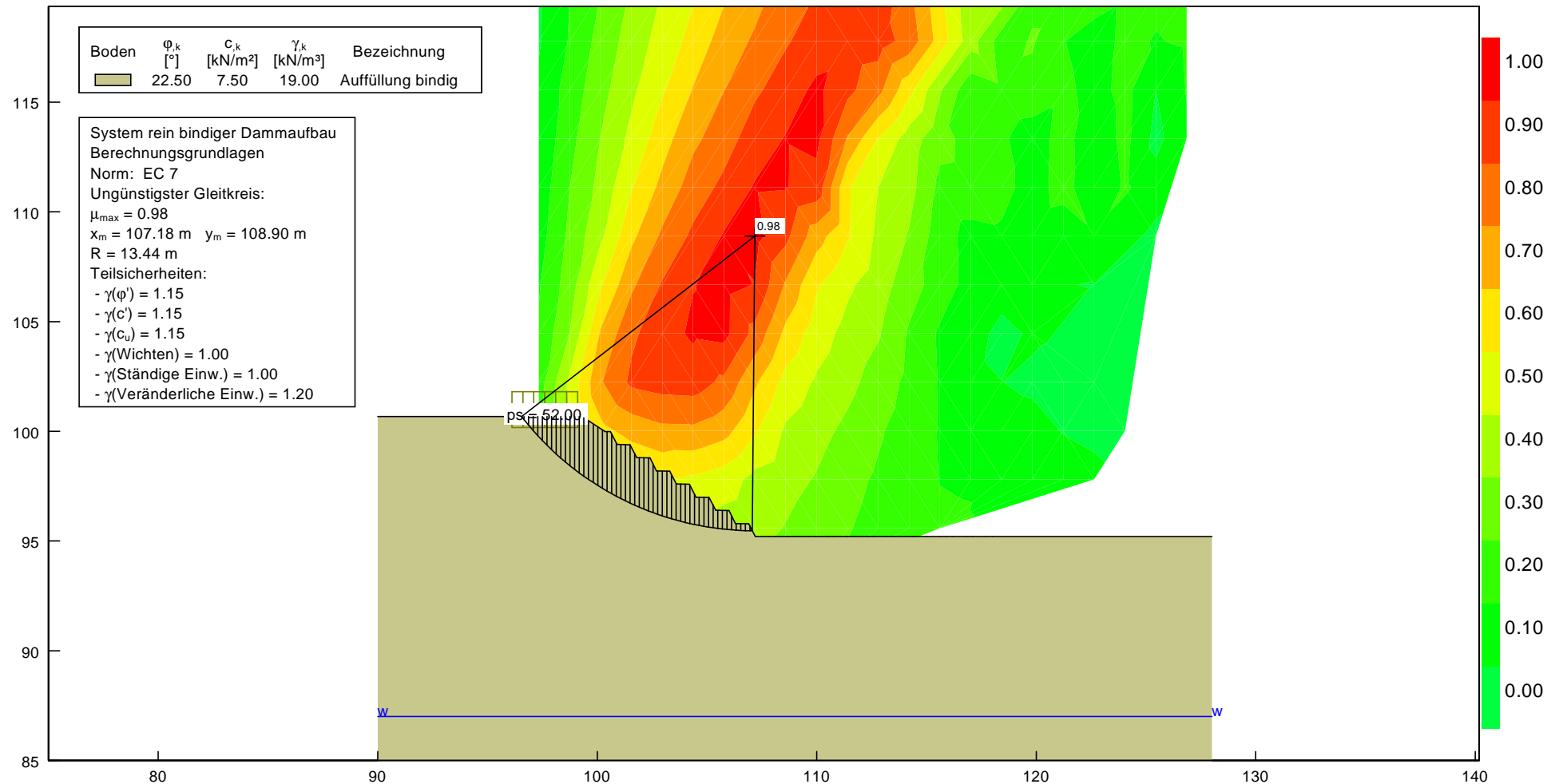
Böschungsbruchberechnung, bindiger Boden, Stützbereich max H = 5,2 m

Projekt: P 33.3184

Anlage: 2.1

Bearbeiter: Den/Fe

Datum: 24.07.2013



**Böschungsberechnung nach EC 7
 mit Kreisgleitflächen**

System rein bindiger Dammaufbau

Parameterliste

phi [°] = Reibungswinkel
 c [kN/m²] = Kohäsion
 gamma [kN/m³] = Wichte
 mue [-] = Ausnutzungsgrad
 xm,ym [m] = x,y-Wert des Gleitkreismittelpunktes
 rad [m] = Radius des Gleitkreises

Teilsicherheiten: (GEO-3)

- gam(phi) = 1.15
- gam(c') = 1.15
- gam(cu) = 1.15
- gam(Wichten) = 1.00
- gam(Ständige Einw.) = 1.00
- gam(Veränderliche Einw.) = 1.20

Bewegungsrichtung des Gleitkörpers nach rechts

Koordinaten der Geländepunkte

Nr.	x	y	Nr.	x	y	Nr.	x	y	Nr.	x	y	Nr.	x	y
[-]	[m]	[m]	[-]	[m]	[m]	[-]	[m]	[m]	[-]	[m]	[m]	[-]	[m]	[m]
1	90.000	100.675	2	98.710	100.675	3	99.310	100.675	4	100.350	99.985	5	100.600	99.985
6	100.900	99.400	7	101.500	99.385	8	101.800	98.800	9	102.400	98.785	10	102.700	98.200
11	103.300	98.185	12	103.600	97.600	13	104.200	97.585	14	104.500	97.000	15	105.100	96.985
16	105.400	96.400	17	106.000	96.385	18	106.300	95.800	19	106.900	95.785	20	107.200	95.200
21	107.800	95.200	22	108.100	95.200	23	108.700	95.200	24	109.000	95.200	25	109.600	95.200
26	109.900	95.200	27	110.500	95.200	28	110.800	95.200	29	111.400	95.200	30	111.700	95.200
31	112.300	95.200	32	112.600	95.200	33	113.200	95.200	34	113.500	95.200	35	114.100	95.200
36	114.400	95.200	37	115.000	95.200	38	115.600	95.200	39	115.900	95.200	40	116.200	95.200
41	116.800	95.200	42	117.100	95.200	43	117.700	95.200	44	118.000	95.200	45	128.000	95.200

Charakteristische Bodenkennwerte

Boden	φ _k	c _k	γ _k	Bezeichnung
[-]	[°]	[kN/m ²]	[kN/m ³]	
1	22.50	7.50	19.00	Auffüllung bindig

Bemessungs-Bodenkennwerte

Boden	φ _d	c _d	γ _d	Bezeichnung
[-]	[°]	[kN/m ²]	[kN/m ³]	
1	19.81	6.52	19.00	Auffüllung bindig

Koordinaten der Schichten und Bodennummern

Nr.	x(links)	y(links)	x(rechts)	y(rechts)	Boden-Nr.
[-]	[m]	[m]	[m]	[m]	
1	90.000	80.000	128.000	80.000	1

Koordinaten des Porenwasserdruck-Polygonzuges

Nr.	x	y	Nr.	x	y
[-]	[m]	[m]	[-]	[m]	[m]
1	90.000	87.000	2	128.000	87.000

Ständige Lasten

Nr.	Größe(links)	Größe(rechts)	x(links)	x(rechts)	y
[-]	[kN/m ²]	[kN/m ²]	[m]	[m]	[m]
1	52.00	52.00	96.11	99.11	100.18

Wasserstand vor der Böschung links [m] = 87.00
 Wasserstand vor der Böschung rechts [m] = 87.00

gamma Wasser [kN/m³] = 10.000

Berechnung mit Berücksichtigung des passiven Erddruckkeils

P 33.3184 S6 2. Baustufe
 Böschungsbruchberechnung bindiger Boden, Stützbereich max H = 5,2 m

Ergebnisse
 Suchbereich
 Art Suchradius
 Horizontale Tangenten
 x / y (Anfang): 96.9385 84.8684
 x / y (Ende): 97.7355 102.5338
 Anzahl Radien = 40

Nr	xm	ym	Radius	Lamellen	mue	Zähler	Nenner	M(Ti)	M(R)	M(Gi)	M(S)
[-]	[m]	[m]	[m]	[-]	[-]	[kN*m/m]	[kN*m/m]	[kN*m/m]	[kN*m/m]	[kN*m/m]	[kN*m/m]
1	97.3370	93.3690	nicht berechnet								
2	97.3370	95.5883	7.4173	67	0.2446	2267.965	9272.954	9273.0	0.0	2268.0	0.0
3	97.3370	97.8075	7.3954	63	0.2497	1973.664	7903.165	7903.2	0.0	1973.7	0.0
4	97.3370	100.0267	7.2513	61	0.2274	1345.334	5915.004	5915.0	0.0	1345.3	0.0
5	97.3370	102.2460	7.1237	51	0.1971	769.322	3903.941	3903.9	0.0	769.3	0.0
6	97.3370	104.4652	8.1143	50	0.1638	574.225	3506.466	3506.5	0.0	574.2	0.0
7	97.3370	106.6845	9.4503	50	0.1406	473.151	3366.133	3366.1	0.0	473.2	0.0
8	97.3370	108.9037	10.7863	50	0.1080	322.831	2989.064	2989.1	0.0	322.8	0.0
9	97.3370	111.1229	12.5639	50	0.0890	275.222	3093.639	3093.6	0.0	275.2	0.0
10	97.3370	113.3422	14.3415	50	0.0654	196.890	3011.879	3011.9	0.0	196.9	0.0
11	97.3370	115.5614	16.5607	50	0.0698	252.166	3611.474	3611.5	0.0	252.2	0.0
12	97.3370	117.7806	18.3383	50	0.0399	133.463	3343.008	3343.0	0.0	133.5	0.0
13	97.3370	119.9999	20.5575	50	0.0425	163.682	3851.902	3851.9	0.0	163.7	0.0
14	97.3370	122.2191	22.3351	50	0.0142	47.006	3305.051	3305.1	0.0	47.0	0.0
15	97.3370	124.4383	24.5544	50	0.0160	59.523	3710.612	3710.6	0.0	59.5	0.0
16	97.3370	126.6576	26.7736	50	0.0175	72.113	4125.832	4125.8	0.0	72.1	0.0
17	97.3370	128.8768	28.9929	50	0.0187	85.020	4550.287	4550.3	0.0	85.0	0.0
18	97.3370	131.0961	31.2121	50	0.0196	97.548	4983.613	4983.6	0.0	97.5	0.0
19	97.3370	133.3153	33.4313	50	0.0204	110.491	5425.480	5425.5	0.0	110.5	0.0
20	97.3370	135.5345	35.2089	50	0.0124	26.396	2136.710	2136.7	0.0	26.4	0.0
21	97.3370	137.7538	37.4282	50	0.0124	28.839	2320.642	2320.6	0.0	28.8	0.0
22	97.3370	139.9730	39.6474	50	0.0125	31.294	2508.701	2508.7	0.0	31.3	0.0
23	97.3370	142.1922	41.8666	50	0.0125	33.760	2700.769	2700.8	0.0	33.8	0.0
24	97.3370	144.4115	44.0859	50	0.0125	36.234	2896.737	2896.7	0.0	36.2	0.0
25	97.3370	146.6307	46.3051	50	0.0125	38.717	3096.504	3096.5	0.0	38.7	0.0
26	98.7427	93.3690	8.9157	76	0.2817	3803.113	13501.553	13501.6	0.0	3803.1	0.0
27	98.7427	95.5883	8.8327	67	0.2905	3978.040	13692.799	13692.8	0.0	3978.0	0.0
28	98.7427	97.8075	8.8327	60	0.3086	3696.706	11977.462	11977.5	0.0	3696.7	0.0
29	98.7427	100.0267	2.5070	56	0.4437	219.121	493.862	493.9	0.0	219.1	0.0
30	98.7427	102.2460	3.2785	50	0.4730	211.452	447.025	447.0	0.0	211.5	0.0
31	98.7427	104.4652	5.0229	50	0.3492	213.282	610.761	610.8	0.0	213.3	0.0
32	98.7427	106.6845	10.3336	50	0.3004	1323.032	4404.733	4404.7	0.0	1323.0	0.0
33	98.7427	108.9037	11.6695	50	0.2718	1098.984	4043.177	4043.2	0.0	1099.0	0.0
34	98.7427	111.1229	13.4471	50	0.2492	1045.981	4196.897	4196.9	0.0	1046.0	0.0
35	98.7427	113.3422	15.2247	50	0.2193	932.063	4249.769	4249.8	0.0	932.1	0.0
36	98.7427	115.5614	17.0023	50	0.1910	782.036	4095.472	4095.5	0.0	782.0	0.0
37	98.7427	117.7806	18.7799	50	0.1572	608.995	3873.442	3873.4	0.0	609.0	0.0
38	98.7427	119.9999	20.9992	50	0.1491	666.966	4472.192	4472.2	0.0	667.0	0.0
39	98.7427	122.2191	23.2184	50	0.1425	725.442	5089.923	5089.9	0.0	725.4	0.0
40	98.7427	124.4383	24.9960	50	0.1139	504.446	4427.052	4427.1	0.0	504.4	0.0
41	98.7427	126.6576	27.2153	50	0.1087	536.376	4934.989	4935.0	0.0	536.4	0.0
42	98.7427	128.8768	29.4345	50	0.1042	568.498	5455.572	5455.6	0.0	568.5	0.0
43	98.7427	131.0961	31.2121	50	0.0769	349.963	4550.141	4550.1	0.0	350.0	0.0
44	98.7427	133.3153	33.4313	50	0.0732	363.083	4957.456	4957.5	0.0	363.1	0.0
45	98.7427	135.5345	35.6506	50	0.0700	376.282	5373.169	5373.2	0.0	376.3	0.0
46	98.7427	137.7538	37.8698	50	0.0672	389.550	5796.976	5797.0	0.0	389.6	0.0
47	98.7427	139.9730	40.0890	50	0.0646	402.359	6228.622	6228.6	0.0	402.4	0.0
48	98.7427	142.1922	42.3083	50	0.0623	415.658	6667.898	6667.9	0.0	415.7	0.0
49	98.7427	144.4115	44.5275	50	0.0602	428.602	7114.185	7114.2	0.0	428.6	0.0
50	98.7427	146.6307	46.7467	50	0.0584	442.004	7566.987	7567.0	0.0	442.0	0.0
51	100.1484	93.3690	9.1647	76	0.3107	4279.355	13772.177	13772.2	0.0	4279.4	0.0
52	100.1484	95.5883	6.9455	67	0.3396	2564.713	7552.073	7552.1	0.0	2564.7	0.0
53	100.1484	97.8075	4.7263	57	0.4249	1077.640	2535.966	2536.0	0.0	1077.6	0.0
54	100.1484	100.0267	2.8233	52	0.6182	306.743	496.179	496.2	0.0	306.7	0.0
55	100.1484	102.2460	3.7057	50	0.7398	326.876	441.860	441.9	0.0	326.9	0.0
56	100.1484	104.4652	5.9062	50	0.6601	596.911	904.210	904.2	0.0	596.9	0.0
57	100.1484	106.6845	7.6838	50	0.5380	575.858	1070.414	1070.4	0.0	575.9	0.0
58	100.1484	108.9037	9.4614	50	0.4291	455.526	1061.708	1061.7	0.0	455.5	0.0

P 33.3184 S6 2. Baustufe
 Böschungsbruchberechnung bindiger Boden, Stützbereich max H = 5,2 m

59	100.1484	111.1229	11.6806	50	0.3794	554.768	1462.039	1462.0	0.0	554.8	0.0
60	100.1484	113.3422	16.1080	50	0.3512	1947.752	5545.628	5545.6	0.0	1947.8	0.0
61	100.1484	115.5614	17.8856	50	0.3166	1753.400	5537.426	5537.4	0.0	1753.4	0.0
62	100.1484	117.7806	19.6632	50	0.2859	1516.419	5304.407	5304.4	0.0	1516.4	0.0
63	100.1484	119.9999	21.4408	50	0.2501	1253.350	5011.310	5011.3	0.0	1253.4	0.0
64	100.1484	122.2191	23.6600	50	0.2357	1347.605	5717.282	5717.3	0.0	1347.6	0.0
65	100.1484	124.4383	25.4377	50	0.2056	1048.153	5098.758	5098.8	0.0	1048.2	0.0
66	100.1484	126.6576	27.6569	50	0.1942	1107.131	5699.850	5699.8	0.0	1107.1	0.0
67	100.1484	128.8768	29.8761	50	0.1845	1166.245	6321.070	6321.1	0.0	1166.2	0.0
68	100.1484	131.0961	31.6537	50	0.1583	843.826	5331.099	5331.1	0.0	843.8	0.0
69	100.1484	133.3153	33.8730	50	0.1503	876.153	5830.728	5830.7	0.0	876.2	0.0
70	100.1484	135.5345	36.0922	50	0.1432	908.050	6342.757	6342.8	0.0	908.0	0.0
71	100.1484	137.7538	38.3114	50	0.1369	939.824	6866.821	6866.8	0.0	939.8	0.0
72	100.1484	139.9730	40.5307	50	0.1313	972.146	7401.628	7401.6	0.0	972.1	0.0
73	100.1484	142.1922	42.3083	50	0.1081	644.552	5965.304	5965.3	0.0	644.6	0.0
74	100.1484	144.4115	44.5275	50	0.1032	657.701	6374.619	6374.6	0.0	657.7	0.0
75	100.1484	146.6307	46.7467	50	0.0988	670.696	6790.480	6790.5	0.0	670.7	0.0
76	101.5541	93.3690	8.5006	76	0.3392	3801.279	11206.927	11206.9	0.0	3801.3	0.0
77	101.5541	95.5883	6.9455	67	0.3943	2842.063	7208.458	7208.5	0.0	2842.1	0.0
78	101.5541	97.8075	5.3422	55	0.5271	1675.067	3177.641	3177.6	0.0	1675.1	0.0
79	101.5541	100.0267	4.0884	51	0.6865	686.909	1000.610	1000.6	0.0	686.9	0.0
80	101.5541	102.2460	4.1330	50	0.8695	361.358	415.611	415.6	0.0	361.4	0.0
81	101.5541	104.4652	6.3478	50	0.8307	735.133	884.937	884.9	0.0	735.1	0.0
82	101.5541	106.6845	8.5670	50	0.7302	1064.896	1458.334	1458.3	0.0	1064.9	0.0
83	101.5541	108.9037	10.3446	50	0.6256	999.818	1598.224	1598.2	0.0	999.8	0.0
84	101.5541	111.1229	12.1222	50	0.5423	850.015	1567.500	1567.5	0.0	850.0	0.0
85	101.5541	113.3422	14.3415	50	0.4741	958.694	2021.944	2021.9	0.0	958.7	0.0
86	101.5541	115.5614	18.7689	50	0.4292	3016.247	7027.528	7027.5	0.0	3016.2	0.0
87	101.5541	117.7806	20.5465	50	0.3925	2728.370	6951.695	6951.7	0.0	2728.4	0.0
88	101.5541	119.9999	22.3241	50	0.3605	2392.509	6636.271	6636.3	0.0	2392.5	0.0
89	101.5541	122.2191	24.1017	50	0.3241	2029.353	6262.397	6262.4	0.0	2029.4	0.0
90	101.5541	124.4383	26.3209	50	0.3058	2167.655	7087.647	7087.6	0.0	2167.7	0.0
91	101.5541	126.6576	28.0985	50	0.2750	1754.849	6381.656	6381.7	0.0	1754.8	0.0
92	101.5541	128.8768	30.3178	50	0.2607	1849.441	7094.725	7094.7	0.0	1849.4	0.0
93	101.5541	131.0961	32.5370	50	0.2482	1943.533	7831.507	7831.5	0.0	1943.5	0.0
94	101.5541	133.3153	34.3146	50	0.2212	1490.501	6737.649	6737.6	0.0	1490.5	0.0
95	101.5541	135.5345	36.5338	50	0.2108	1549.554	7351.804	7351.8	0.0	1549.6	0.0
96	101.5541	137.7538	38.7531	50	0.2015	1608.844	7982.474	7982.5	0.0	1608.8	0.0
97	101.5541	139.9730	40.5307	50	0.1790	1171.101	6542.475	6542.5	0.0	1171.1	0.0
98	101.5541	142.1922	42.7499	50	0.1708	1202.956	7041.552	7041.6	0.0	1203.0	0.0
99	101.5541	144.4115	44.9691	50	0.1636	1235.289	7551.635	7551.6	0.0	1235.3	0.0
100	101.5541	146.6307	47.1884	50	0.1570	1267.145	8072.509	8072.5	0.0	1267.1	0.0
101	102.9598	93.3690	8.5006	76	0.3653	3910.983	10706.902	10706.9	0.0	3911.0	0.0
102	102.9598	95.5883	6.9455	67	0.4404	3044.337	6913.126	6913.1	0.0	3044.3	0.0
103	102.9598	97.8075	5.9582	53	0.5574	2080.487	3732.770	3732.8	0.0	2080.5	0.0
104	102.9598	100.0267	5.3536	50	0.7254	1247.281	1719.539	1719.5	0.0	1247.3	0.0
105	102.9598	102.2460	5.4147	50	0.8932	740.880	829.470	829.5	0.0	740.9	0.0
106	102.9598	104.4652	7.6727	50	0.9101	1452.939	1596.505	1596.5	0.0	1452.9	0.0
107	102.9598	106.6845	9.0087	50	0.8584	1218.030	1418.975	1419.0	0.0	1218.0	0.0
108	102.9598	108.9037	11.2279	50	0.7679	1604.618	2089.546	2089.5	0.0	1604.6	0.0
109	102.9598	111.1229	13.0055	50	0.6772	1486.796	2195.458	2195.5	0.0	1486.8	0.0
110	102.9598	113.3422	14.7831	50	0.6087	1299.092	2134.344	2134.3	0.0	1299.1	0.0
111	102.9598	115.5614	17.0023	50	0.5376	1425.313	2651.153	2651.2	0.0	1425.3	0.0
112	102.9598	117.7806	21.4297	50	0.4908	4241.534	8641.384	8641.4	0.0	4241.5	0.0
113	102.9598	119.9999	23.2073	50	0.4538	3850.928	8485.772	8485.8	0.0	3850.9	0.0
114	102.9598	122.2191	24.9849	50	0.4211	3405.737	8088.158	8088.2	0.0	3405.7	0.0
115	102.9598	124.4383	26.7626	50	0.3893	2932.613	7533.186	7533.2	0.0	2932.6	0.0
116	102.9598	126.6576	28.9818	50	0.3688	3121.679	8465.009	8465.0	0.0	3121.7	0.0
117	102.9598	128.8768	30.7594	50	0.3336	2589.847	7763.831	7763.8	0.0	2589.8	0.0
118	102.9598	131.0961	32.9786	50	0.3172	2728.570	8601.470	8601.5	0.0	2728.6	0.0
119	102.9598	133.3153	34.7562	50	0.2887	2180.733	7552.853	7552.9	0.0	2180.7	0.0
120	102.9598	135.5345	36.9755	50	0.2752	2274.928	8266.491	8266.5	0.0	2274.9	0.0
121	102.9598	137.7538	39.1947	50	0.2633	2368.969	8997.802	8997.8	0.0	2369.0	0.0
122	102.9598	139.9730	40.9723	50	0.2390	1811.763	7581.692	7581.7	0.0	1811.8	0.0
123	102.9598	142.1922	43.1915	50	0.2286	1870.899	8185.169	8185.2	0.0	1870.9	0.0
124	102.9598	144.4115	45.4108	50	0.2192	1929.891	8803.836	8803.8	0.0	1929.9	0.0
125	102.9598	146.6307	47.6300	50	0.2107	1988.856	9437.521	9437.5	0.0	1988.9	0.0
126	104.3655	93.3690	8.5006	76	0.3805	3943.966	10364.025	10364.0	0.0	3944.0	0.0

P 33.3184 S6 2. Baustufe
 Böschungsbruchberechnung bindiger Boden, Stützbereich max H = 5,2 m

127	104.3655	95.5883	7.3229	67	0.4300	3144.864	7312.994	7313.0	0.0	3144.9	0.0
128	104.3655	97.8075	6.3688	54	0.5337	2099.732	3934.169	3934.2	0.0	2099.7	0.0
129	104.3655	100.0267	6.3024	50	0.7288	1689.762	2318.535	2318.5	0.0	1689.8	0.0
130	104.3655	102.2460	7.5509	50	0.8994	2155.709	2396.880	2396.9	0.0	2155.7	0.0
131	104.3655	104.4652	8.5560	50	0.9656	1950.592	2020.111	2020.1	0.0	1950.6	0.0
132	104.3655	106.6845	10.3336	50	0.9463	2258.436	2386.622	2386.6	0.0	2258.4	0.0
133	104.3655	108.9037	11.6695	50	0.8692	1763.449	2028.711	2028.7	0.0	1763.4	0.0
134	104.3655	111.1229	13.4471	50	0.7978	1675.349	2100.062	2100.1	0.0	1675.3	0.0
135	104.3655	113.3422	15.6664	50	0.7264	2033.436	2799.288	2799.3	0.0	2033.4	0.0
136	104.3655	115.5614	17.4440	50	0.6548	1814.320	2770.954	2771.0	0.0	1814.3	0.0
137	104.3655	117.7806	19.6632	50	0.5833	1952.776	3347.785	3347.8	0.0	1952.8	0.0
138	104.3655	119.9999	23.6490	50	0.5361	4719.947	8803.539	8803.5	0.0	4719.9	0.0
139	104.3655	122.2191	25.8682	50	0.5063	5114.593	10102.552	10102.6	0.0	5114.6	0.0
140	104.3655	124.4383	27.6458	50	0.4717	4552.341	9650.481	9650.5	0.0	4552.3	0.0
141	104.3655	126.6576	29.4234	50	0.4397	3959.845	9004.924	9004.9	0.0	3959.8	0.0
142	104.3655	128.8768	31.6427	50	0.4181	4209.664	10068.035	10068.0	0.0	4209.7	0.0
143	104.3655	131.0961	33.4203	50	0.3885	3551.238	9141.214	9141.2	0.0	3551.2	0.0
144	104.3655	133.3153	35.6395	50	0.3707	3739.906	10087.679	10087.7	0.0	3739.9	0.0
145	104.3655	135.5345	37.4171	50	0.3373	3055.229	9058.720	9058.7	0.0	3055.2	0.0
146	104.3655	137.7538	39.6363	50	0.3227	3194.130	9899.043	9899.0	0.0	3194.1	0.0
147	104.3655	139.9730	41.4139	50	0.2967	2528.526	8521.772	8521.8	0.0	2528.5	0.0
148	104.3655	142.1922	43.6332	50	0.2842	2622.050	9227.148	9227.1	0.0	2622.0	0.0
149	104.3655	144.4115	45.8524	50	0.2729	2716.067	9952.111	9952.1	0.0	2716.1	0.0
150	104.3655	146.6307	48.0716	50	0.2627	2809.640	10693.356	10693.4	0.0	2809.6	0.0
151	105.7712	93.3690	9.1647	76	0.3698	4366.336	11807.196	11807.2	0.0	4366.3	0.0
152	105.7712	95.5883	9.5875	67	0.4035	5615.628	13916.133	13916.1	0.0	5615.6	0.0
153	105.7712	97.8075	4.7263	54	0.4984	640.860	1285.805	1285.8	0.0	640.9	0.0
154	105.7712	100.0267	5.0373	50	0.6859	447.936	653.029	653.0	0.0	447.9	0.0
155	105.7712	102.2460	7.5509	50	0.8289	1475.058	1779.526	1779.5	0.0	1475.1	0.0
156	105.7712	104.4652	9.4392	50	0.9807	2401.478	2448.808	2448.8	0.0	2401.5	0.0
157	105.7712	106.6845	11.6585	50	0.9820	3650.342	3717.368	3717.4	0.0	3650.3	0.0
158	105.7712	108.9037	12.9944	50	0.9585	3147.650	3283.841	3283.8	0.0	3147.7	0.0
159	105.7712	111.1229	14.3304	50	0.8740	2366.256	2707.235	2707.2	0.0	2366.3	0.0
160	105.7712	113.3422	16.5496	50	0.8062	2885.015	3578.536	3578.5	0.0	2885.0	0.0
161	105.7712	115.5614	18.3272	50	0.7477	2638.552	3528.908	3528.9	0.0	2638.6	0.0
162	105.7712	117.7806	20.1048	50	0.6976	2352.523	3372.234	3372.2	0.0	2352.5	0.0
163	105.7712	119.9999	22.3241	50	0.6312	2540.736	4025.187	4025.2	0.0	2540.7	0.0
164	105.7712	122.2191	24.1017	50	0.5951	2190.796	3681.611	3681.6	0.0	2190.8	0.0
165	105.7712	124.4383	26.3209	50	0.5449	2328.199	4272.468	4272.5	0.0	2328.2	0.0
166	105.7712	126.6576	30.3067	50	0.5148	5827.219	11320.421	11320.4	0.0	5827.2	0.0
167	105.7712	128.8768	32.0843	50	0.4828	5109.395	10583.281	10583.3	0.0	5109.4	0.0
168	105.7712	131.0961	33.8619	50	0.4517	4385.162	9708.229	9708.2	0.0	4385.2	0.0
169	105.7712	133.3153	36.0811	50	0.4311	4635.644	10753.819	10753.8	0.0	4635.6	0.0
170	105.7712	135.5345	37.8587	50	0.4023	3867.597	9612.847	9612.8	0.0	3867.6	0.0
171	105.7712	137.7538	40.0780	50	0.3850	4058.262	10539.657	10539.7	0.0	4058.3	0.0
172	105.7712	139.9730	42.2972	50	0.3695	4247.009	11492.649	11492.6	0.0	4247.0	0.0
173	105.7712	142.1922	44.0748	50	0.3439	3426.991	9965.226	9965.2	0.0	3427.0	0.0
174	105.7712	144.4115	46.2940	50	0.3305	3564.478	10786.015	10786.0	0.0	3564.5	0.0
175	105.7712	146.6307	48.5133	50	0.3183	3703.177	11633.157	11633.2	0.0	3703.2	0.0
176	107.1769	93.3690	9.1647	76	0.3383	3741.360	11060.761	11060.8	0.0	3741.4	0.0
177	107.1769	95.5883	10.7199	67	0.3814	6682.694	17523.542	17523.5	0.0	6682.7	0.0
178	107.1769	97.8075	9.8593	54	0.4195	5204.903	12407.790	12407.8	0.0	5204.9	0.0
179	107.1769	100.0267	5.3536	50	0.5613	354.000	630.671	630.7	0.0	354.0	0.0
180	107.1769	102.2460	7.1237	50	0.6666	555.307	833.002	833.0	0.0	555.3	0.0
181	107.1769	104.4652	9.8809	50	0.8200	2052.032	2502.495	2502.5	0.0	2052.0	0.0
182	107.1769	106.6845	11.6585	50	0.9473	2704.461	2854.911	2854.9	0.0	2704.5	0.0
183	107.1769	108.9037	13.4361	50	0.9827	2993.272	3045.812	3045.8	0.0	2993.3	0.0
184	107.1769	111.1229	15.2137	50	0.9580	3165.405	3304.348	3304.3	0.0	3165.4	0.0
185	107.1769	113.3422	16.9913	50	0.8998	3047.144	3386.438	3386.4	0.0	3047.1	0.0
186	107.1769	115.5614	19.2105	50	0.8337	3619.750	4342.031	4342.0	0.0	3619.8	0.0
187	107.1769	117.7806	20.9881	50	0.7635	3299.566	4321.403	4321.4	0.0	3299.6	0.0
188	107.1769	119.9999	22.7657	50	0.7155	2939.477	4108.039	4108.0	0.0	2939.5	0.0
189	107.1769	122.2191	24.9849	50	0.6565	3189.342	4857.739	4857.7	0.0	3189.3	0.0
190	107.1769	124.4383	26.7626	50	0.6200	2758.598	4449.576	4449.6	0.0	2758.6	0.0
191	107.1769	126.6576	30.7483	50	0.5842	6751.583	11557.782	11557.8	0.0	6751.6	0.0
192	107.1769	128.8768	32.9676	50	0.5569	7231.605	12984.417	12984.4	0.0	7231.6	0.0
193	107.1769	131.0961	34.7452	50	0.5202	6380.646	12265.064	12265.1	0.0	6380.6	0.0
194	107.1769	133.3153	36.5228	50	0.4892	5523.851	11292.302	11292.3	0.0	5523.9	0.0

P 33.3184 S6 2. Baustufe
 Böschungsbruchberechnung bindiger Boden, Stützbereich max H = 5,2 m

195	107.1769	135.5345	38.7420	50	0.4685	5841.543	12467.412	12467.4	0.0	5841.5	0.0
196	107.1769	137.7538	40.5196	50	0.4396	4935.688	11228.902	11228.9	0.0	4935.7	0.0
197	107.1769	139.9730	42.7388	50	0.4221	5184.658	12282.182	12282.2	0.0	5184.7	0.0
198	107.1769	142.1922	44.5164	50	0.3954	4268.693	10796.152	10796.2	0.0	4268.7	0.0
199	107.1769	144.4115	46.7357	50	0.3803	4458.738	11722.765	11722.8	0.0	4458.7	0.0
200	107.1769	146.6307	48.9549	50	0.3667	4647.458	12675.173	12675.2	0.0	4647.5	0.0
201	108.5826	93.3690	9.1647	76	0.2992	3037.852	10154.891	10154.9	0.0	3037.9	0.0
202	108.5826	95.5883	10.7199	67	0.3456	5745.769	16627.287	16627.3	0.0	5745.8	0.0
203	108.5826	97.8075	12.5284	54	0.3842	9100.222	23686.187	23686.2	0.0	9100.2	0.0
204	108.5826	100.0267	11.0467	50	0.4350	5630.859	12944.790	12944.8	0.0	5630.9	0.0
205	108.5826	102.2460	11.3961	50	0.5165	5105.695	9886.081	9886.1	0.0	5105.7	0.0
206	108.5826	104.4652	12.0890	50	0.6253	4669.811	7467.950	7468.0	0.0	4669.8	0.0
207	108.5826	106.6845	12.5417	50	0.7394	3018.671	4082.620	4082.6	0.0	3018.7	0.0
208	108.5826	108.9037	13.4361	50	0.8774	1736.353	1978.978	1979.0	0.0	1736.4	0.0
209	108.5826	111.1229	15.6553	50	0.9540	2860.576	2998.527	2998.5	0.0	2860.6	0.0
210	108.5826	113.3422	17.8745	50	0.9548	3985.072	4173.663	4173.7	0.0	3985.1	0.0
211	108.5826	115.5614	19.6521	50	0.8975	3769.171	4199.867	4199.9	0.0	3769.2	0.0
212	108.5826	117.7806	21.8714	50	0.8402	4413.200	5252.827	5252.8	0.0	4413.2	0.0
213	108.5826	119.9999	23.6490	50	0.7908	4019.083	5082.546	5082.5	0.0	4019.1	0.0
214	108.5826	122.2191	25.4266	50	0.7466	3581.757	4797.707	4797.7	0.0	3581.8	0.0
215	108.5826	124.4383	27.2042	50	0.6933	2995.378	4320.393	4320.4	0.0	2995.4	0.0
216	108.5826	126.6576	29.4234	50	0.6563	3379.418	5149.319	5149.3	0.0	3379.4	0.0
217	108.5826	128.8768	31.2010	50	0.6179	2777.422	4494.634	4494.6	0.0	2777.4	0.0
218	108.5826	131.0961	35.6284	50	0.5886	8756.131	14877.279	14877.3	0.0	8756.1	0.0
219	108.5826	133.3153	37.4060	50	0.5583	7770.186	13916.985	13917.0	0.0	7770.2	0.0
220	108.5826	135.5345	39.1836	50	0.5285	6774.571	12818.074	12818.1	0.0	6774.6	0.0
221	108.5826	137.7538	41.4029	50	0.5077	7166.891	14117.390	14117.4	0.0	7166.9	0.0
222	108.5826	139.9730	43.1805	50	0.4728	6112.986	12929.847	12929.8	0.0	6113.0	0.0
223	108.5826	142.1922	45.3997	50	0.4555	6432.407	14121.755	14121.8	0.0	6432.4	0.0
224	108.5826	144.4115	47.1773	50	0.4283	5363.586	12521.900	12521.9	0.0	5363.6	0.0
225	108.5826	146.6307	49.3965	50	0.4133	5612.724	13579.715	13579.7	0.0	5612.7	0.0
226	109.9883	93.3690	8.8825	76	0.2679	2381.385	8887.683	8887.7	0.0	2381.4	0.0
227	109.9883	95.5883	10.6255	67	0.2997	4532.012	15119.441	15119.4	0.0	4532.0	0.0
228	109.9883	97.8075	12.3231	54	0.3429	7413.027	21620.267	21620.3	0.0	7413.0	0.0
229	109.9883	100.0267	13.8932	50	0.3838	10267.215	26751.585	26751.6	0.0	10267.2	0.0
230	109.9883	102.2460	13.5324	50	0.4367	8155.522	18676.964	18677.0	0.0	8155.5	0.0
231	109.9883	104.4652	12.9723	50	0.4992	4871.358	9757.444	9757.4	0.0	4871.4	0.0
232	109.9883	106.6845	15.1915	50	0.5620	7339.099	13058.826	13058.8	0.0	7339.1	0.0
233	109.9883	108.9037	13.8777	50	0.6938	1079.400	1555.761	1555.8	0.0	1079.4	0.0
234	109.9883	111.1229	16.0969	50	0.9158	2336.092	2550.954	2551.0	0.0	2336.1	0.0
235	109.9883	113.3422	18.3162	50	0.9739	3614.771	3711.636	3711.6	0.0	3614.8	0.0
236	109.9883	115.5614	20.5354	50	0.9726	4890.902	5028.834	5028.8	0.0	4890.9	0.0
237	109.9883	117.7806	22.3130	50	0.8953	4543.170	5074.699	5074.7	0.0	4543.2	0.0
238	109.9883	119.9999	24.0906	50	0.8514	4228.158	4965.893	4965.9	0.0	4228.2	0.0
239	109.9883	122.2191	26.3098	50	0.7983	4802.630	6015.958	6016.0	0.0	4802.6	0.0
240	109.9883	124.4383	28.0875	50	0.7556	4275.270	5658.040	5658.0	0.0	4275.3	0.0
241	109.9883	126.6576	29.8651	50	0.7140	3706.680	5191.779	5191.8	0.0	3706.7	0.0
242	109.9883	128.8768	32.0843	50	0.6715	4059.710	6045.443	6045.4	0.0	4059.7	0.0
243	109.9883	131.0961	33.8619	50	0.6418	3472.582	5410.388	5410.4	0.0	3472.6	0.0
244	109.9883	133.3153	37.8477	50	0.6107	8704.886	14254.452	14254.5	0.0	8704.9	0.0
245	109.9883	135.5345	40.0669	50	0.5867	9275.700	15809.317	15809.3	0.0	9275.7	0.0
246	109.9883	137.7538	41.8445	50	0.5570	8138.945	14612.509	14612.5	0.0	8138.9	0.0
247	109.9883	139.9730	44.0637	50	0.5367	8618.842	16059.280	16059.3	0.0	8618.8	0.0
248	109.9883	142.1922	45.8413	50	0.5087	7412.753	14571.624	14571.6	0.0	7412.8	0.0
249	109.9883	144.4115	48.0606	50	0.4912	7806.269	15891.855	15891.9	0.0	7806.3	0.0
250	109.9883	146.6307	49.8382	50	0.4647	6575.914	14149.594	14149.6	0.0	6575.9	0.0
251	111.3940	93.3690	nicht berechnet								
252	111.3940	95.5883	9.8706	67	0.2578	3065.764	11893.916	11893.9	0.0	3065.8	0.0
253	111.3940	97.8075	11.7072	54	0.2828	4911.619	17369.645	17369.6	0.0	4911.6	0.0
254	111.3940	100.0267	13.2606	50	0.3274	7153.872	21853.556	21853.6	0.0	7153.9	0.0
255	111.3940	102.2460	15.2413	50	0.3788	10649.859	28114.053	28114.1	0.0	10649.9	0.0
256	111.3940	104.4652	15.1805	50	0.4177	8196.247	19622.456	19622.5	0.0	8196.2	0.0
257	111.3940	106.6845	16.0748	50	0.4678	7736.664	16539.427	16539.4	0.0	7736.7	0.0
258	111.3940	108.9037	14.3193	50	0.5606	676.122	1206.111	1206.1	0.0	676.1	0.0
259	111.3940	111.1229	17.8635	50	0.5620	5001.233	8898.325	8898.3	0.0	5001.2	0.0
260	111.3940	113.3422	18.3162	50	0.7428	1639.728	2207.416	2207.4	0.0	1639.7	0.0
261	111.3940	115.5614	20.5354	50	0.8772	2896.350	3301.876	3301.9	0.0	2896.4	0.0
262	111.3940	117.7806	22.7546	50	0.9141	4150.004	4540.005	4540.0	0.0	4150.0	0.0

P 33.3184 S6 2. Baustufe
 Böschungsbruchberechnung bindiger Boden, Stützbereich max H = 5,2 m

263	111.3940	119.9999	24.9739	50	0.9132	5409.074	5923.199	5923.2	0.0	5409.1	0.0
264	111.3940	122.2191	26.7515	50	0.8718	5006.392	5742.893	5742.9	0.0	5006.4	0.0
265	111.3940	124.4383	28.9707	50	0.8201	5620.233	6853.220	6853.2	0.0	5620.2	0.0
266	111.3940	126.6576	30.7483	50	0.7797	5019.964	6438.648	6438.6	0.0	5020.0	0.0
267	111.3940	128.8768	32.5259	50	0.7434	4398.771	5916.940	5916.9	0.0	4398.8	0.0
268	111.3940	131.0961	34.7452	50	0.7003	4788.619	6838.193	6838.2	0.0	4788.6	0.0
269	111.3940	133.3153	36.5228	50	0.6715	4113.862	6126.545	6126.5	0.0	4113.9	0.0
270	111.3940	135.5345	40.5085	50	0.6421	10226.936	15926.286	15926.3	0.0	10226.9	0.0
271	111.3940	137.7538	42.7278	50	0.6185	10898.012	17620.033	17620.0	0.0	10898.0	0.0
272	111.3940	139.9730	44.5054	50	0.5828	9612.535	16494.769	16494.8	0.0	9612.5	0.0
273	111.3940	142.1922	46.2830	50	0.5537	8346.934	15074.035	15074.0	0.0	8346.9	0.0
274	111.3940	144.4115	48.5022	50	0.5350	8824.625	16493.395	16493.4	0.0	8824.6	0.0
275	111.3940	146.6307	50.2798	50	0.5076	7517.533	14810.297	14810.3	0.0	7517.5	0.0
276	112.7997	93.3690	nicht berechnet								
277	112.7997	95.5883	9.0214	67	0.2139	1912.361	8941.527	8941.5	0.0	1912.4	0.0
278	112.7997	97.8075	10.8859	54	0.2355	3144.766	13355.675	13355.7	0.0	3144.8	0.0
279	112.7997	100.0267	12.6281	50	0.2625	4487.559	17095.531	17095.5	0.0	4487.6	0.0
280	112.7997	102.2460	14.3869	50	0.3064	6437.540	21011.750	21011.8	0.0	6437.5	0.0
281	112.7997	104.4652	16.0637	50	0.3596	8590.300	23888.908	23888.9	0.0	8590.3	0.0
282	112.7997	106.6845	17.8413	50	0.3995	10676.853	26724.181	26724.2	0.0	10676.9	0.0
283	112.7997	108.9037	18.2940	50	0.4293	8333.104	19412.036	19412.0	0.0	8333.1	0.0
284	112.7997	111.1229	19.6300	50	0.4499	7805.329	17350.365	17350.4	0.0	7805.3	0.0
285	112.7997	113.3422	18.7578	50	0.5466	943.336	1725.859	1725.9	0.0	943.3	0.0
286	112.7997	115.5614	20.9770	50	0.7811	2102.675	2691.808	2691.8	0.0	2102.7	0.0
287	112.7997	117.7806	23.1963	50	0.8969	3510.818	3914.480	3914.5	0.0	3510.8	0.0
288	112.7997	119.9999	25.4155	50	0.9303	4914.951	5283.276	5283.3	0.0	4915.0	0.0
289	112.7997	122.2191	27.1931	50	0.8934	4585.852	5132.981	5133.0	0.0	4585.9	0.0
290	112.7997	124.4383	29.4124	50	0.8688	5804.937	6681.799	6681.8	0.0	5804.9	0.0
291	112.7997	126.6576	31.6316	50	0.8237	6522.014	7918.220	7918.2	0.0	6522.0	0.0
292	112.7997	128.8768	33.4092	50	0.7842	5828.068	7431.649	7431.6	0.0	5828.1	0.0
293	112.7997	131.0961	35.1868	50	0.7483	5117.024	6838.635	6838.6	0.0	5117.0	0.0
294	112.7997	133.3153	38.2893	50	0.7122	8522.561	11967.018	11967.0	0.0	8522.6	0.0
295	112.7997	135.5345	40.5085	50	0.6832	9190.769	13452.977	13453.0	0.0	9190.8	0.0
296	112.7997	137.7538	42.7278	50	0.6572	9860.779	15004.609	15004.6	0.0	9860.8	0.0
297	112.7997	139.9730	44.9470	50	0.6337	10530.211	16617.301	16617.3	0.0	10530.2	0.0
298	112.7997	142.1922	47.1662	50	0.6124	11203.703	18295.776	18295.8	0.0	11203.7	0.0
299	112.7997	144.4115	48.9438	50	0.5842	9780.385	16741.070	16741.1	0.0	9780.4	0.0
300	112.7997	146.6307	51.1631	50	0.5656	10344.585	18288.353	18288.4	0.0	10344.6	0.0
301	114.2054	93.3690	nicht berechnet								
302	114.2054	95.5883	8.2665	67	0.1800	1210.371	6723.371	6723.4	0.0	1210.4	0.0
303	114.2054	97.8075	10.0646	54	0.1862	1843.661	9899.934	9899.9	0.0	1843.7	0.0
304	114.2054	100.0267	11.6792	50	0.2014	2441.088	12123.365	12123.4	0.0	2441.1	0.0
305	114.2054	102.2460	13.5324	50	0.2248	3370.080	14988.170	14988.2	0.0	3370.1	0.0
306	114.2054	104.4652	15.1805	50	0.2386	3972.707	16646.952	16647.0	0.0	3972.7	0.0
307	114.2054	106.6845	16.9581	50	0.2940	5576.486	18969.632	18969.6	0.0	5576.5	0.0
308	114.2054	108.9037	18.7357	50	0.3422	7138.533	20861.846	20861.8	0.0	7138.5	0.0
309	114.2054	111.1229	20.9549	50	0.3880	9967.084	25685.519	25685.5	0.0	9967.1	0.0
310	114.2054	113.3422	22.2909	50	0.4037	9254.031	22924.530	22924.5	0.0	9254.0	0.0
311	114.2054	115.5614	21.4187	50	0.5791	1204.129	2079.373	2079.4	0.0	1204.1	0.0
312	114.2054	117.7806	23.6379	50	0.8133	2608.770	3207.757	3207.8	0.0	2608.8	0.0
313	114.2054	119.9999	25.4155	50	0.7740	2391.962	3090.396	3090.4	0.0	2392.0	0.0
314	114.2054	122.2191	27.6348	50	0.8535	3899.778	4569.136	4569.1	0.0	3899.8	0.0
315	114.2054	124.4383	29.8540	50	0.8839	5302.515	5998.920	5998.9	0.0	5302.5	0.0
316	114.2054	126.6576	32.0732	50	0.8860	6693.323	7554.394	7554.4	0.0	6693.3	0.0
317	114.2054	128.8768	34.2925	50	0.8418	7466.284	8869.716	8869.7	0.0	7466.3	0.0
318	114.2054	131.0961	36.0701	50	0.8041	6662.524	8286.172	8286.2	0.0	6662.5	0.0
319	114.2054	133.3153	37.8477	50	0.7696	5874.283	7633.085	7633.1	0.0	5874.3	0.0
320	114.2054	135.5345	40.5085	50	0.7342	7987.014	10878.553	10878.6	0.0	7987.0	0.0
321	114.2054	137.7538	41.8445	50	0.7042	5552.445	7884.448	7884.4	0.0	5552.4	0.0
322	114.2054	139.9730	43.6221	50	0.6713	4600.003	6852.074	6852.1	0.0	4600.0	0.0
323	114.2054	142.1922	47.1662	50	0.6452	9989.201	15481.629	15481.6	0.0	9989.2	0.0
324	114.2054	144.4115	49.3855	50	0.6242	10658.539	17075.272	17075.3	0.0	10658.5	0.0
325	114.2054	146.6307	51.6047	50	0.6048	11322.267	18719.931	18719.9	0.0	11322.3	0.0
326	115.6111	93.3690	nicht berechnet								
327	115.6111	95.5883	7.4173	67	0.1683	820.977	4877.529	4877.5	0.0	821.0	0.0
328	115.6111	97.8075	9.2433	54	0.1473	1056.996	7176.722	7176.7	0.0	1057.0	0.0
329	115.6111	100.0267	11.0467	50	0.1438	1337.142	9301.169	9301.2	0.0	1337.1	0.0
330	115.6111	102.2460	10.9689	50	0.1420	7.719	54.359	54.4	0.0	7.7	0.0

P 33.3184 S6 2. Baustufe
Böschungsbruchberechnung bindiger Boden, Stützbereich max H = 5,2 m

331	115.6111	104.4652	14.2972	50	0.1351	1524.765	11285.996	11286.0	0.0	1524.8	0.0
332	115.6111	106.6845	14.3083	50	0.2019	16.932	83.854	83.9	0.0	16.9	0.0
333	115.6111	108.9037	18.2940	50	0.1974	3173.241	16073.261	16073.3	0.0	3173.2	0.0
334	115.6111	111.1229	20.0716	50	0.2252	3806.406	16899.366	16899.4	0.0	3806.4	0.0
335	115.6111	113.3422	21.8492	50	0.2791	4925.153	17647.367	17647.4	0.0	4925.2	0.0
336	115.6111	115.5614	21.8603	50	0.3606	541.300	1501.218	1501.2	0.0	541.3	0.0
337	115.6111	117.7806	24.0795	50	0.6075	1489.035	2451.071	2451.1	0.0	1489.0	0.0
338	115.6111	119.9999	25.8571	50	0.5749	1345.138	2339.746	2339.7	0.0	1345.1	0.0
339	115.6111	122.2191	28.0764	50	0.7865	2985.901	3796.321	3796.3	0.0	2985.9	0.0
340	115.6111	124.4383	30.2956	50	0.8702	4535.804	5212.085	5212.1	0.0	4535.8	0.0
341	115.6111	126.6576	32.5149	50	0.8998	6099.190	6778.288	6778.3	0.0	6099.2	0.0
342	115.6111	128.8768	34.2925	50	0.8435	5264.539	6241.037	6241.0	0.0	5264.5	0.0
343	115.6111	131.0961	36.5117	50	0.8422	6813.058	8089.342	8089.3	0.0	6813.1	0.0
344	115.6111	133.3153	38.2893	50	0.8097	5769.150	7125.053	7125.1	0.0	5769.2	0.0
345	115.6111	135.5345	40.9502	50	0.7735	8350.866	10796.657	10796.7	0.0	8350.9	0.0
346	115.6111	137.7538	43.1694	50	0.7440	9112.713	12248.430	12248.4	0.0	9112.7	0.0
347	115.6111	139.9730	45.3886	50	0.7173	9880.789	13775.221	13775.2	0.0	9880.8	0.0
348	115.6111	142.1922	47.6079	50	0.6929	10650.440	15369.958	15370.0	0.0	10650.4	0.0
349	115.6111	144.4115	49.8271	50	0.6706	11421.443	17030.544	17030.5	0.0	11421.4	0.0
350	115.6111	146.6307	52.0464	50	0.6501	12194.310	18756.216	18756.2	0.0	12194.3	0.0
351	117.0168	93.3690	nicht berechnet								
352	117.0168	95.5883	nicht berechnet								
353	117.0168	97.8075	8.4220	54	0.1386	731.864	5280.025	5280.0	0.0	731.9	0.0
354	117.0168	100.0267	10.0978	50	0.1114	711.480	6389.300	6389.3	0.0	711.5	0.0
355	117.0168	102.2460	11.8234	50	0.0709	513.399	7241.056	7241.1	0.0	513.4	0.0
356	117.0168	104.4652	13.4139	50	0.0904	3.314	36.671	36.7	0.0	3.3	0.0
357	117.0168	106.6845	15.1915	50	0.1130	5.567	49.277	49.3	0.0	5.6	0.0
358	117.0168	108.9037	16.9691	50	0.1135	6.111	53.817	53.8	0.0	6.1	0.0
359	117.0168	111.1229	18.7467	50	0.2176	26.655	122.476	122.5	0.0	26.7	0.0
360	117.0168	113.3422	20.5243	50	0.2187	31.622	144.576	144.6	0.0	31.6	0.0
361	117.0168	115.5614	22.3019	50	0.1729	20.792	120.233	120.2	0.0	20.8	0.0
362	117.0168	117.7806	24.5212	50	0.3938	724.025	1838.430	1838.4	0.0	724.0	0.0
363	117.0168	119.9999	26.2988	50	0.3763	611.818	1625.961	1626.0	0.0	611.8	0.0
364	117.0168	122.2191	28.5180	50	0.6147	1812.138	2948.164	2948.2	0.0	1812.1	0.0
365	117.0168	124.4383	30.7373	50	0.8080	3504.610	4337.619	4337.6	0.0	3504.6	0.0
366	117.0168	126.6576	32.5149	50	0.7503	2991.568	3987.320	3987.3	0.0	2991.6	0.0
367	117.0168	128.8768	34.7341	50	0.8298	4486.405	5406.526	5406.5	0.0	4486.4	0.0
368	117.0168	131.0961	36.9533	50	0.8507	6178.657	7263.205	7263.2	0.0	6178.7	0.0
369	117.0168	133.3153	39.1726	50	0.8568	7676.853	8959.736	8959.7	0.0	7676.9	0.0
370	117.0168	135.5345	41.3918	50	0.8234	8546.978	10380.309	10380.3	0.0	8547.0	0.0
371	117.0168	137.7538	43.6110	50	0.7928	9415.024	11875.762	11875.8	0.0	9415.0	0.0
372	117.0168	139.9730	45.8303	50	0.7650	10290.350	13450.829	13450.8	0.0	10290.4	0.0
373	117.0168	142.1922	47.6079	50	0.7338	9043.697	12324.296	12324.3	0.0	9043.7	0.0
374	117.0168	144.4115	48.9438	50	0.7054	6196.988	8784.639	8784.6	0.0	6197.0	0.0
375	117.0168	146.6307	51.1631	50	0.6790	6715.543	9890.757	9890.8	0.0	6715.5	0.0
376	118.4225	93.3690	nicht berechnet								
377	118.4225	95.5883	nicht berechnet								
378	118.4225	97.8075	7.6007	54	0.1330	503.115	3782.929	3782.9	0.0	503.1	0.0
379	118.4225	100.0267	9.4652	50	0.0911	451.869	4961.085	4961.1	0.0	451.9	0.0
380	118.4225	102.2460	10.9689	50	0.0510	258.771	5072.380	5072.4	0.0	258.8	0.0
381	118.4225	104.4652	12.9723	50	0.0232	141.163	6073.881	6073.9	0.0	141.2	0.0
382	118.4225	106.6845	16.9581	50	0.0922	7.233	78.461	78.5	0.0	7.2	0.0
383	118.4225	108.9037	18.2940	50	0.1300	10.348	79.610	79.6	0.0	10.3	0.0
384	118.4225	111.1229	19.6300	50	0.1889	20.322	107.598	107.6	0.0	20.3	0.0
385	118.4225	113.3422	21.4076	50	0.1649	16.614	100.751	100.8	0.0	16.6	0.0
386	118.4225	115.5614	23.1852	50	0.2270	122.704	540.448	540.4	0.0	122.7	0.0
387	118.4225	117.7806	24.9628	50	0.1972	31.343	158.935	158.9	0.0	31.3	0.0
388	118.4225	119.9999	27.1820	50	0.4245	937.538	2208.316	2208.3	0.0	937.5	0.0
389	118.4225	122.2191	28.9597	50	0.3922	812.266	2070.871	2070.9	0.0	812.3	0.0
390	118.4225	124.4383	31.1789	50	0.6527	2215.387	3394.022	3394.0	0.0	2215.4	0.0
391	118.4225	126.6576	33.3981	50	0.8280	4060.715	4904.289	4904.3	0.0	4060.7	0.0
392	118.4225	128.8768	35.1757	50	0.7715	3465.226	4491.680	4491.7	0.0	3465.2	0.0
393	118.4225	131.0961	37.3950	50	0.8351	5295.115	6340.439	6340.4	0.0	5295.1	0.0
394	118.4225	133.3153	39.6142	50	0.8670	6987.993	8060.120	8060.1	0.0	6988.0	0.0
395	118.4225	135.5345	41.8334	50	0.8706	8570.450	9844.602	9844.6	0.0	8570.4	0.0
396	118.4225	137.7538	43.6110	50	0.8240	7360.815	8932.548	8932.5	0.0	7360.8	0.0
397	118.4225	139.9730	45.8303	50	0.7905	8472.602	10718.692	10718.7	0.0	8472.6	0.0
398	118.4225	142.1922	47.6079	50	0.7779	7390.487	9500.075	9500.1	0.0	7390.5	0.0

P 33.3184 S6 2. Baustufe
 Böschungsbruchberechnung bindiger Boden, Stützbereich max H = 5,2 m

399	118.4225	144.4115	50.2687	50	0.7410	10190.915	13752.657	13752.7	0.0	10190.9	0.0
400	118.4225	146.6307	52.4880	50	0.7190	11055.905	15376.827	15376.8	0.0	11055.9	0.0
401	119.8282	93.3690	nicht berechnet								
402	119.8282	95.5883	nicht berechnet								
403	119.8282	97.8075	6.7795	54	0.1110	286.902	2585.257	2585.3	0.0	286.9	0.0
404	119.8282	100.0267	8.5164	50	0.0826	265.875	3217.281	3217.3	0.0	265.9	0.0
405	119.8282	102.2460	10.1144	50	0.0330	110.305	3339.184	3339.2	0.0	110.3	0.0
406	119.8282	104.4652	16.0637	50	0.0637	4.526	71.017	71.0	0.0	4.5	0.0
407	119.8282	106.6845	16.9581	50	0.0532	1.481	27.824	27.8	0.0	1.5	0.0
408	119.8282	108.9037	18.7357	50	0.0869	4.129	47.518	47.5	0.0	4.1	0.0
409	119.8282	111.1229	20.5133	50	0.0991	5.710	57.606	57.6	0.0	5.7	0.0
410	119.8282	113.3422	22.2909	50	0.0969	5.803	59.883	59.9	0.0	5.8	0.0
411	119.8282	115.5614	24.0685	50	0.2158	33.509	155.277	155.3	0.0	33.5	0.0
412	119.8282	117.7806	25.8461	50	0.2606	215.694	827.626	827.6	0.0	215.7	0.0
413	119.8282	119.9999	27.6237	50	0.2202	44.708	203.064	203.1	0.0	44.7	0.0
414	119.8282	122.2191	29.4013	50	0.1743	28.660	164.448	164.4	0.0	28.7	0.0
415	119.8282	124.4383	31.6205	50	0.4266	1007.511	2361.691	2361.7	0.0	1007.5	0.0
416	119.8282	126.6576	33.8398	50	0.6861	2650.994	3863.652	3863.7	0.0	2651.0	0.0
417	119.8282	128.8768	35.6174	50	0.6269	2195.350	3502.126	3502.1	0.0	2195.3	0.0
418	119.8282	131.0961	37.8366	50	0.7541	3923.618	5202.927	5202.9	0.0	3923.6	0.0
419	119.8282	133.3153	40.0558	50	0.8513	5984.887	7030.503	7030.5	0.0	5984.9	0.0
420	119.8282	135.5345	41.8334	50	0.7916	4977.191	6287.388	6287.4	0.0	4977.2	0.0
421	119.8282	137.7538	44.0527	50	0.8280	6606.468	7978.861	7978.9	0.0	6606.5	0.0
422	119.8282	139.9730	46.2719	50	0.8192	8208.248	10020.233	10020.2	0.0	8208.2	0.0
423	119.8282	142.1922	48.4911	50	0.8067	9442.300	11704.653	11704.7	0.0	9442.3	0.0
424	119.8282	144.4115	50.7104	50	0.7827	10408.921	13298.156	13298.2	0.0	10408.9	0.0
425	119.8282	146.6307	52.9296	50	0.7603	11380.938	14969.639	14969.6	0.0	11380.9	0.0
426	121.2339	93.3690	nicht berechnet								
427	121.2339	95.5883	nicht berechnet								
428	121.2339	97.8075	5.9582	54	0.1022	169.397	1657.943	1657.9	0.0	169.4	0.0
429	121.2339	100.0267	7.5675	50	0.0461	87.638	1900.367	1900.4	0.0	87.6	0.0
430	121.2339	102.2460	9.2599	50	0.0108	21.622	2005.017	2005.0	0.0	21.6	0.0
431	121.2339	104.4652	10.7641	50	0.0001	0.000	1649.563	1649.6	0.0	0.0	0.0
432	121.2339	106.6845	12.9834	50	0.0001	0.000	2181.550	2181.5	0.0	0.0	0.0
433	121.2339	108.9037	20.9438	50	0.0660	6.109	92.537	92.5	0.0	6.1	0.0
434	121.2339	111.1229	21.3965	50	0.1956	24.401	124.746	124.7	0.0	24.4	0.0
435	121.2339	113.3422	23.1741	50	0.1894	24.403	128.829	128.8	0.0	24.4	0.0
436	121.2339	115.5614	25.3934	50	0.1761	24.430	138.697	138.7	0.0	24.4	0.0
437	121.2339	117.7806	26.7293	50	0.1533	17.833	116.368	116.4	0.0	17.8	0.0
438	121.2339	119.9999	28.5069	50	0.2223	43.069	193.775	193.8	0.0	43.1	0.0
439	121.2339	122.2191	30.2846	50	0.2374	169.604	714.312	714.3	0.0	169.6	0.0
440	121.2339	124.4383	32.0622	50	0.1972	41.311	209.438	209.4	0.0	41.3	0.0
441	121.2339	126.6576	34.2814	50	0.4346	1255.612	2889.225	2889.2	0.0	1255.6	0.0
442	121.2339	128.8768	36.0590	50	0.4030	958.726	2378.870	2378.9	0.0	958.7	0.0
443	121.2339	131.0961	38.2782	50	0.6563	2579.723	3930.689	3930.7	0.0	2579.7	0.0
444	121.2339	133.3153	40.4975	50	0.7741	4475.619	5781.778	5781.8	0.0	4475.6	0.0
445	121.2339	135.5345	42.2751	50	0.7325	3838.901	5240.900	5240.9	0.0	3838.9	0.0
446	121.2339	137.7538	44.4943	50	0.8093	5604.469	6925.009	6925.0	0.0	5604.5	0.0
447	121.2339	139.9730	46.7135	50	0.8183	7333.795	8962.564	8962.6	0.0	7333.8	0.0
448	121.2339	142.1922	48.9328	50	0.8459	9378.614	11087.622	11087.6	0.0	9378.6	0.0
449	121.2339	144.4115	51.1520	50	0.8223	10456.360	12716.516	12716.5	0.0	10456.4	0.0
450	121.2339	146.6307	52.9296	50	0.7927	9174.721	11573.556	11573.6	0.0	9174.7	0.0
451	122.6396	93.3690	nicht berechnet								
452	122.6396	95.5883	nicht berechnet								
453	122.6396	97.8075	5.1369	54	0.0769	74.583	969.682	969.7	0.0	74.6	0.0
454	122.6396	100.0267	6.9350	50	0.0289	35.875	1239.230	1239.2	0.0	35.9	0.0
455	122.6396	102.2460	8.8327	50	0.0011	1.673	1476.471	1476.5	0.0	1.7	0.0
456	122.6396	104.4652	10.3225	50	0.0001	0.000	1102.313	1102.3	0.0	0.0	0.0
457	122.6396	106.6845	19.6079	50	0.0488	2.830	57.949	57.9	0.0	2.8	0.0
458	122.6396	108.9037	20.9438	50	0.1373	14.402	104.856	104.9	0.0	14.4	0.0
459	122.6396	111.1229	22.2798	50	0.0556	2.032	36.527	36.5	0.0	2.0	0.0
460	122.6396	113.3422	24.0574	50	0.0771	4.087	53.020	53.0	0.0	4.1	0.0
461	122.6396	115.5614	26.7183	50	0.1125	12.168	108.150	108.1	0.0	12.2	0.0
462	122.6396	117.7806	27.1710	50	0.0997	7.821	78.411	78.4	0.0	7.8	0.0
463	122.6396	119.9999	29.3902	50	0.2092	38.283	182.965	183.0	0.0	38.3	0.0
464	122.6396	122.2191	31.1678	50	0.1790	29.087	162.514	162.5	0.0	29.1	0.0
465	122.6396	124.4383	32.9454	50	0.2635	282.641	1072.698	1072.7	0.0	282.6	0.0
466	122.6396	126.6576	34.7230	50	0.2193	57.028	260.006	260.0	0.0	57.0	0.0

P 33.3184 S6 2. Baustufe
 Böschungsbruchberechnung bindiger Boden, Stützbereich max H = 5,2 m

467	122.6396	128.8768	36.9423	50	0.4643	1503.379	3237.950	3238.0	0.0	1503.4	0.0
468	122.6396	131.0961	38.7199	50	0.4314	1145.477	2655.313	2655.3	0.0	1145.5	0.0
469	122.6396	133.3153	40.9391	50	0.6436	2961.490	4601.115	4601.1	0.0	2961.5	0.0
470	122.6396	135.5345	43.1583	50	0.7929	5061.649	6383.580	6383.6	0.0	5061.6	0.0
471	122.6396	137.7538	44.9359	50	0.7532	4359.377	5788.083	5788.1	0.0	4359.4	0.0
472	122.6396	139.9730	47.1552	50	0.7957	6225.662	7824.082	7824.1	0.0	6225.7	0.0
473	122.6396	142.1922	49.3744	50	0.8349	8181.532	9798.891	9798.9	0.0	8181.5	0.0
474	122.6396	144.4115	51.1520	50	0.7944	6981.356	8788.383	8788.4	0.0	6981.4	0.0
475	122.6396	146.6307	53.3713	50	0.8151	8749.494	10733.939	10733.9	0.0	8749.5	0.0
476	124.0453	93.3690	nicht berechnet								
477	124.0453	95.5883	nicht berechnet								
478	124.0453	97.8075	nicht berechnet								
479	124.0453	100.0267	5.9861	50	0.0009	0.477	534.214	534.2	0.0	0.5	0.0
480	124.0453	102.2460	7.5509	50	0.0001	0.000	369.938	369.9	0.0	0.0	0.0
481	124.0453	104.4652	nicht berechnet								
482	124.0453	106.6845	12.1001	50	0.0001	0.000	874.897	874.9	0.0	0.0	0.0
483	124.0453	108.9037	13.8777	50	0.0001	0.000	446.684	446.7	0.0	0.0	0.0
484	124.0453	111.1229	23.1631	50	0.1635	18.955	115.967	116.0	0.0	19.0	0.0
485	124.0453	113.3422	24.9407	50	0.1781	23.757	133.373	133.4	0.0	23.8	0.0
486	124.0453	115.5614	26.7183	50	0.1804	25.722	142.554	142.6	0.0	25.7	0.0
487	124.0453	117.7806	28.4959	50	0.1736	25.036	144.205	144.2	0.0	25.0	0.0
488	124.0453	119.9999	30.7151	50	0.1687	26.667	158.116	158.1	0.0	26.7	0.0
489	124.0453	122.2191	32.4927	50	0.1799	31.335	174.170	174.2	0.0	31.3	0.0
490	124.0453	124.4383	33.8287	50	0.1158	12.554	108.380	108.4	0.0	12.6	0.0
491	124.0453	126.6576	35.6063	50	0.2779	480.846	1730.479	1730.5	0.0	480.8	0.0
492	124.0453	128.8768	37.3839	50	0.2406	215.157	894.343	894.3	0.0	215.2	0.0
493	124.0453	131.0961	39.6031	50	0.4934	1779.335	3606.456	3606.5	0.0	1779.3	0.0
494	124.0453	133.3153	41.3807	50	0.4342	1399.477	3223.259	3223.3	0.0	1399.5	0.0
495	124.0453	135.5345	43.6000	50	0.6697	3413.485	5096.775	5096.8	0.0	3413.5	0.0
496	124.0453	137.7538	45.3776	50	0.6272	2871.051	4577.470	4577.5	0.0	2871.1	0.0
497	124.0453	139.9730	47.5968	50	0.7726	4910.415	6356.066	6356.1	0.0	4910.4	0.0
498	124.0453	142.1922	49.8160	50	0.8128	6950.490	8551.442	8551.4	0.0	6950.5	0.0
499	124.0453	144.4115	51.5936	50	0.7697	5870.392	7626.635	7626.6	0.0	5870.4	0.0
500	124.0453	146.6307	53.8129	50	0.8118	7767.513	9568.115	9568.1	0.0	7767.5	0.0
501	125.4510	93.3690	nicht berechnet								
502	125.4510	95.5883	nicht berechnet								
503	125.4510	97.8075	nicht berechnet								
504	125.4510	100.0267	5.3536	50	0.0001	0.000	228.673	228.7	0.0	0.0	0.0
505	125.4510	102.2460	nicht berechnet								
506	125.4510	104.4652	nicht berechnet								
507	125.4510	106.6845	nicht berechnet								
508	125.4510	108.9037	23.1520	50	0.0254	0.832	32.691	32.7	0.0	0.8	0.0
509	125.4510	111.1229	24.4880	50	0.0959	8.190	85.364	85.4	0.0	8.2	0.0
510	125.4510	113.3422	25.8239	50	0.0209	0.334	15.989	16.0	0.0	0.3	0.0
511	125.4510	115.5614	27.6015	50	0.0499	1.976	39.573	39.6	0.0	2.0	0.0
512	125.4510	117.7806	28.9375	50	0.1439	17.009	118.189	118.2	0.0	17.0	0.0
513	125.4510	119.9999	30.7151	50	0.1717	27.180	158.344	158.3	0.0	27.2	0.0
514	125.4510	122.2191	32.4927	50	0.1532	23.606	154.094	154.1	0.0	23.6	0.0
515	125.4510	124.4383	34.7120	50	0.2001	41.100	205.365	205.4	0.0	41.1	0.0
516	125.4510	126.6576	36.4896	50	0.1722	31.349	182.043	182.0	0.0	31.3	0.0
517	125.4510	128.8768	38.2672	50	0.3047	672.783	2208.080	2208.1	0.0	672.8	0.0
518	125.4510	131.0961	40.0448	50	0.2603	418.972	1609.760	1609.8	0.0	419.0	0.0
519	125.4510	133.3153	41.8224	50	0.2177	68.625	315.230	315.2	0.0	68.6	0.0
520	125.4510	135.5345	44.0416	50	0.4615	1642.627	3559.134	3559.1	0.0	1642.6	0.0
521	125.4510	137.7538	46.2608	50	0.6948	3904.448	5619.339	5619.3	0.0	3904.4	0.0
522	125.4510	139.9730	48.0384	50	0.6540	3300.893	5047.317	5047.3	0.0	3300.9	0.0
523	125.4510	142.1922	50.2577	50	0.7559	5447.414	7206.299	7206.3	0.0	5447.4	0.0
524	125.4510	144.4115	52.4769	50	0.8290	7711.129	9301.836	9301.8	0.0	7711.1	0.0
525	125.4510	146.6307	54.2545	50	0.7876	6539.643	8303.313	8303.3	0.0	6539.6	0.0
526	126.8567	93.3690	nicht berechnet								
527	126.8567	95.5883	nicht berechnet								
528	126.8567	97.8075	nicht berechnet								
529	126.8567	100.0267	nicht berechnet								
530	126.8567	102.2460	nicht berechnet								
531	126.8567	104.4652	nicht berechnet								
532	126.8567	106.6845	nicht berechnet								
533	126.8567	108.9037	nicht berechnet								
534	126.8567	111.1229	nicht berechnet								

P 33.3184 S6 2. Baustufe
 Böschungsbruchberechnung bindiger Boden, Stützbereich max H = 5,2 m

535	126.8567	113.3422	26.7072	50	0.1332	14.554	109.302	109.3	0.0	14.6	0.0
536	126.8567	115.5614	28.4848	50	0.1551	20.661	133.183	133.2	0.0	20.7	0.0
537	126.8567	117.7806	30.2624	50	0.1648	24.394	148.066	148.1	0.0	24.4	0.0
538	126.8567	119.9999	31.5984	50	0.1866	32.605	174.723	174.7	0.0	32.6	0.0
539	126.8567	122.2191	33.3760	50	0.2016	42.315	209.875	209.9	0.0	42.3	0.0
540	126.8567	124.4383	35.1536	50	0.1779	35.556	199.921	199.9	0.0	35.6	0.0
541	126.8567	126.6576	36.9312	50	0.1304	19.232	147.467	147.5	0.0	19.2	0.0
542	126.8567	128.8768	39.1504	50	0.1034	11.313	109.444	109.4	0.0	11.3	0.0
543	126.8567	131.0961	40.9280	50	0.1454	47.644	327.719	327.7	0.0	47.6	0.0
544	126.8567	133.3153	42.7056	50	0.2818	592.821	2103.927	2103.9	0.0	592.8	0.0
545	126.8567	135.5345	44.4832	50	0.2396	256.723	1071.405	1071.4	0.0	256.7	0.0
546	126.8567	137.7538	46.7025	50	0.4934	1937.363	3926.614	3926.6	0.0	1937.4	0.0
547	126.8567	139.9730	48.4801	50	0.4199	1417.574	3375.820	3375.8	0.0	1417.6	0.0
548	126.8567	142.1922	50.6993	50	0.6787	3756.678	5535.476	5535.5	0.0	3756.7	0.0
549	126.8567	144.4115	52.9185	50	0.7745	6080.631	7851.110	7851.1	0.0	6080.6	0.0
550	126.8567	146.6307	54.6962	50	0.7281	5055.099	6942.968	6943.0	0.0	5055.1	0.0

Ungünstigster Gleitkreis

Nr	xm	ym	Radius	Lamellen	mue	Zähler	Nenner	M(Ti)	M(R)	M(Gi)	M(S)
[-]	[m]	[m]	[m]	[-]	[-]	[kN*m/m]	[kN*m/m]	[kN*m/m]	[kN*m/m]	[kN*m/m]	[kN*m/m]
183	107.1769	108.9037	13.4361	50	0.9827	2993.272	3045.812	3045.8	0.0	2993.3	0.0



DR. SPANG

Projekt: S6 2. Baustufe

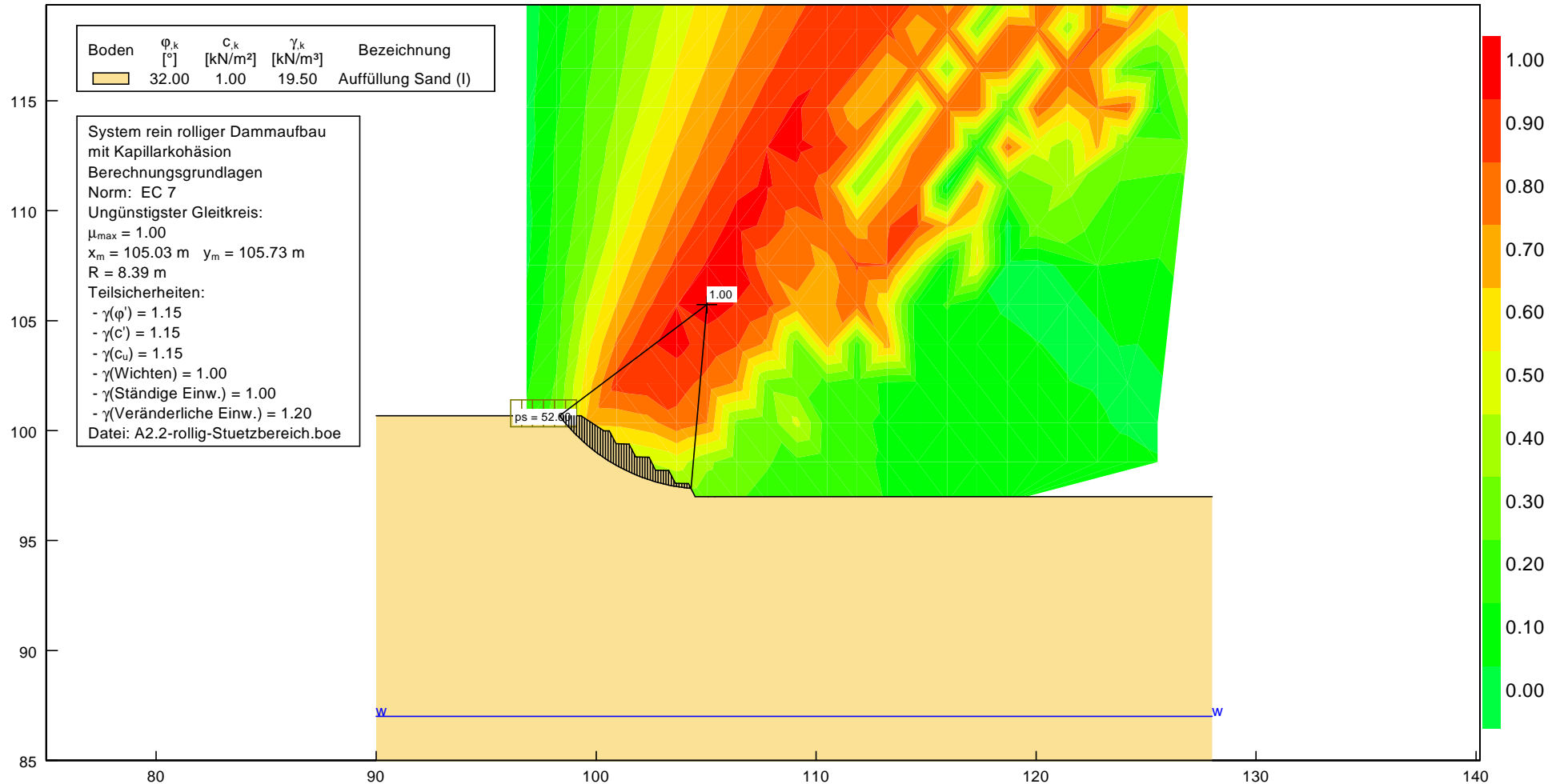
Böschungsbruchberechnung, rolliger Boden, Stützbereich max H = 3,7 m

Projekt: P 33.3184

Anlage: 2.2

Bearbeiter: Den/Fe

Datum: 24.07.2013



**Böschungsberechnung nach EC 7
 mit Kreisgleitflächen**

System rein rolliger Dammaufbau
 mit Kapillarkohäsion
 Datei: A2.2-rollig-Stuetzbereich.boe

Parameterliste

phi [°] = Reibungswinkel
 c [kN/m²] = Kohäsion
 gamma [kN/m³] = Wichte
 mue [-] = Ausnutzungsgrad
 xm,ym [m] = x,y-Wert des Gleitkreismittelpunktes
 rad [m] = Radius des Gleitkreises

Teilsicherheiten: (GEO-3)

- gam(phi) = 1.15
- gam(c) = 1.15
- gam(cu) = 1.15
- gam(Wichten) = 1.00
- gam(Ständige Einw.) = 1.00
- gam(Veränderliche Einw.) = 1.20

Bewegungsrichtung des Gleitkörpers nach rechts

Koordinaten der Geländepunkte

Nr.	x	y	Nr.	x	y	Nr.	x	y	Nr.	x	y	Nr.	x	y
[-]	[m]	[m]	[-]	[m]	[m]	[-]	[m]	[m]	[-]	[m]	[m]	[-]	[m]	[m]
1	90.000	100.675	2	98.710	100.675	3	99.310	100.675	4	100.350	99.985	5	100.600	99.985
6	100.900	99.400	7	101.500	99.385	8	101.800	98.800	9	102.400	98.785	10	102.700	98.200
11	103.300	98.185	12	103.600	97.600	13	104.200	97.585	14	104.500	97.000	15	105.100	97.000
16	105.400	97.000	17	128.000	97.000									

Charakteristische Bodenkennwerte

Boden	φ _k	c _k	γ _k	Bezeichnung
[-]	[°]	[kN/m ²]	[kN/m ³]	
1	32.00	1.00	19.50	Auffüllung Sand (I)

Bemessungs-Bodenkennwerte

Boden	φ _d	c _d	γ _d	Bezeichnung
[-]	[°]	[kN/m ²]	[kN/m ³]	
1	28.52	0.87	19.50	Auffüllung Sand (I)

Koordinaten der Schichten und Bodennummern

Nr.	x(links)	y(links)	x(rechts)	y(rechts)	Boden-Nr.
[-]	[m]	[m]	[m]	[m]	
1	90.000	80.000	128.000	80.000	1

Koordinaten des Porenwasserdruck-Polygonzuges

Nr.	x	y	Nr.	x	y
[-]	[m]	[m]	[-]	[m]	[m]
1	90.000	87.000	2	128.000	87.000

Ständige Lasten

Nr.	Größe(links)	Größe(rechts)	x(links)	x(rechts)	y
[-]	[kN/m ²]	[kN/m ²]	[m]	[m]	[m]
1	52.00	52.00	96.11	99.11	100.18

Wasserstand vor der Böschung links [m] = 87.00
 Wasserstand vor der Böschung rechts [m] = 87.00

gamma Wasser [kN/m³] = 10.000

Berechnung mit Berücksichtigung des passiven Erddruckkeils

Ergebnisse
 Suchbereich

Art Suchradius
 Horizontale Tangenten
 x / y (Anfang): 103.2225 82.7851
 x / y (Ende): 102.1244 100.9809
 Anzahl Radien = 40

Nr	xm	ym	Radius	Lamellen	mue	Zähler	Nenner	M(Ti)	M(R)	M(Gi)	M(S)
[-]	[m]	[m]	[m]	[-]	[-]	[kN*m/m]	[kN*m/m]	[kN*m/m]	[kN*m/m]	[kN*m/m]	[kN*m/m]
1	96.8330	94.9828	6.9280	88	0.1716	1698.212	9896.549	9896.5	0.0	1698.2	0.0
2	96.8330	96.7744	6.8968	76	0.1769	1701.505	9617.760	9617.8	0.0	1701.5	0.0
3	96.8330	98.5660	6.7588	78	0.1800	1441.159	8004.490	8004.5	0.0	1441.2	0.0
4	96.8330	100.3576	6.5555	95	0.1679	971.981	5789.479	5789.5	0.0	972.0	0.0
5	96.8330	102.1492	6.6271	50	0.1365	569.595	4173.315	4173.3	0.0	569.6	0.0
6	96.8330	103.9408	7.5089	50	0.1140	446.537	3917.660	3917.7	0.0	446.5	0.0
7	96.8330	105.7325	8.3907	50	0.0752	256.569	3413.363	3413.4	0.0	256.6	0.0
8	96.8330	107.5241	9.2725	50	0.0367	100.977	2750.522	2750.5	0.0	101.0	0.0
9	96.8330	109.3157	10.6092	50	0.0220	58.616	2663.685	2663.7	0.0	58.6	0.0
10	96.8330	111.1073	12.4009	50	0.0360	116.133	3225.412	3225.4	0.0	116.1	0.0
11	96.8330	112.8989	13.7376	50	0.0117	34.021	2913.184	2913.2	0.0	34.0	0.0
12	96.8330	114.6905	15.5292	50	0.0204	68.920	3377.362	3377.4	0.0	68.9	0.0
13	96.8330	116.4821	16.8659	50	0.0001	-24.057	2856.688	2856.7	0.0	-24.1	0.0
14	96.8330	118.2737	18.6575	50	0.0001	-6.630	3218.249	3218.2	0.0	-6.6	0.0
15	96.8330	120.0653	20.4491	50	0.0029	10.407	3587.175	3587.2	0.0	10.4	0.0
16	96.8330	121.8570	22.2407	50	0.0071	28.267	3961.339	3961.3	0.0	28.3	0.0
17	96.8330	123.6486	23.1226	50	0.0002	0.042	230.730	230.7	0.0	0.0	0.0
18	96.8330	125.4402	24.9142	50	0.0005	0.120	255.862	255.9	0.0	0.1	0.0
19	96.8330	127.2318	26.7058	50	0.0008	0.229	281.559	281.6	0.0	0.2	0.0
20	96.8330	129.0234	28.4974	50	0.0012	0.367	307.787	307.8	0.0	0.4	0.0
21	96.8330	130.8150	30.2890	50	0.0017	0.556	334.348	334.3	0.0	0.6	0.0
22	96.8330	132.6066	32.0806	50	0.0021	0.763	361.398	361.4	0.0	0.8	0.0
23	96.8330	134.3982	33.8722	50	0.0025	0.986	388.918	388.9	0.0	1.0	0.0
24	96.8330	136.1898	35.6638	50	0.0029	1.224	416.894	416.9	0.0	1.2	0.0
25	96.8330	137.9815	37.4554	50	0.0033	1.474	445.310	445.3	0.0	1.5	0.0
26	98.1995	94.9828	8.3229	88	0.1964	2947.492	15009.900	15009.9	0.0	2947.5	0.0
27	98.1995	96.7744	7.1413	76	0.2078	2093.789	10078.039	10078.0	0.0	2093.8	0.0
28	98.1995	98.5660	2.4149	71	0.2364	166.895	706.079	706.1	0.0	166.9	0.0
29	98.1995	100.3576	1.8945	82	0.2853	93.742	328.595	328.6	0.0	93.7	0.0
30	98.1995	102.1492	2.9879	50	0.2592	116.812	450.645	450.6	0.0	116.8	0.0
31	98.1995	103.9408	8.4187	50	0.2241	1202.729	5366.589	5366.6	0.0	1202.7	0.0
32	98.1995	105.7325	9.3005	50	0.2082	992.816	4768.571	4768.6	0.0	992.8	0.0
33	98.1995	107.5241	10.6372	50	0.2024	997.481	4928.223	4928.2	0.0	997.5	0.0
34	98.1995	109.3157	11.5190	50	0.1805	714.480	3959.327	3959.3	0.0	714.5	0.0
35	98.1995	111.1073	12.8558	50	0.1646	620.843	3772.207	3772.2	0.0	620.8	0.0
36	98.1995	112.8989	14.6474	50	0.1610	717.170	4455.050	4455.0	0.0	717.2	0.0
37	98.1995	114.6905	15.9841	50	0.1382	558.351	4041.158	4041.2	0.0	558.4	0.0
38	98.1995	116.4821	17.7757	50	0.1352	623.885	4614.991	4615.0	0.0	623.9	0.0
39	98.1995	118.2737	19.1124	50	0.1112	441.668	3972.167	3972.2	0.0	441.7	0.0
40	98.1995	120.0653	20.9040	50	0.1085	481.009	4434.489	4434.5	0.0	481.0	0.0
41	98.1995	121.8570	22.6956	50	0.1058	519.576	4911.486	4911.5	0.0	519.6	0.0
42	98.1995	123.6486	24.0323	50	0.0782	313.827	4011.922	4011.9	0.0	313.8	0.0
43	98.1995	125.4402	25.8240	50	0.0763	333.395	4369.039	4369.0	0.0	333.4	0.0
44	98.1995	127.2318	27.6156	50	0.0745	352.759	4732.116	4732.1	0.0	352.8	0.0
45	98.1995	129.0234	29.4072	50	0.0729	372.093	5101.002	5101.0	0.0	372.1	0.0
46	98.1995	130.8150	31.1988	50	0.0715	391.268	5475.526	5475.5	0.0	391.3	0.0
47	98.1995	132.6066	32.5355	50	0.0463	193.281	4171.937	4171.9	0.0	193.3	0.0
48	98.1995	134.3982	34.3271	50	0.0450	199.548	4432.466	4432.5	0.0	199.5	0.0
49	98.1995	136.1898	36.1187	50	0.0439	206.014	4695.369	4695.4	0.0	206.0	0.0
50	98.1995	137.9815	37.9103	50	0.0428	212.310	4960.593	4960.6	0.0	212.3	0.0
51	99.5660	94.9828	5.9981	88	0.2270	1441.419	6351.035	6351.0	0.0	1441.4	0.0
52	99.5660	96.7744	4.2065	76	0.2859	807.786	2825.454	2825.5	0.0	807.8	0.0
53	99.5660	98.5660	2.7490	65	0.3813	330.799	867.654	867.7	0.0	330.8	0.0
54	99.5660	100.3576	1.0470	55	0.6604	29.322	44.400	44.4	0.0	29.3	0.0
55	99.5660	102.1492	2.9879	50	0.5947	166.253	279.544	279.5	0.0	166.3	0.0
56	99.5660	103.9408	4.7795	50	0.5210	311.205	597.297	597.3	0.0	311.2	0.0
57	99.5660	105.7325	6.5711	50	0.4446	428.017	962.765	962.8	0.0	428.0	0.0
58	99.5660	107.5241	8.3627	50	0.3619	467.090	1290.809	1290.8	0.0	467.1	0.0
59	99.5660	109.3157	9.6995	50	0.3117	372.641	1195.600	1195.6	0.0	372.6	0.0
60	99.5660	111.1073	13.7655	50	0.2842	1506.188	5300.643	5300.6	0.0	1506.2	0.0

P 33.3184 S6 2. Baustufe
 Böschungsbruchberechnung rolliger Boden, Stützbereich max H = 3,7 m

61	99.5660	112.8989	15.1023	50	0.2668	1337.563	5014.002	5014.0	0.0	1337.6	0.0
62	99.5660	114.6905	16.8939	50	0.2544	1479.701	5816.749	5816.7	0.0	1479.7	0.0
63	99.5660	116.4821	18.2306	50	0.2329	1232.689	5292.624	5292.6	0.0	1232.7	0.0
64	99.5660	118.2737	20.0222	50	0.2232	1334.576	5979.757	5979.8	0.0	1334.6	0.0
65	99.5660	120.0653	21.3589	50	0.2018	1051.511	5210.012	5210.0	0.0	1051.5	0.0
66	99.5660	121.8570	23.1505	50	0.1936	1118.800	5779.384	5779.4	0.0	1118.8	0.0
67	99.5660	123.6486	24.4872	50	0.1694	824.063	4864.222	4864.2	0.0	824.1	0.0
68	99.5660	125.4402	26.2789	50	0.1624	863.994	5319.115	5319.1	0.0	864.0	0.0
69	99.5660	127.2318	28.0705	50	0.1565	904.192	5779.156	5779.2	0.0	904.2	0.0
70	99.5660	129.0234	29.8621	50	0.1510	943.815	6249.502	6249.5	0.0	943.8	0.0
71	99.5660	130.8150	31.1988	50	0.1281	636.947	4972.870	4972.9	0.0	636.9	0.0
72	99.5660	132.6066	32.9904	50	0.1233	656.465	5323.292	5323.3	0.0	656.5	0.0
73	99.5660	134.3982	34.7820	50	0.1190	675.742	5679.144	5679.1	0.0	675.7	0.0
74	99.5660	136.1898	36.5736	50	0.1152	695.555	6039.091	6039.1	0.0	695.6	0.0
75	99.5660	137.9815	38.3652	50	0.1116	714.962	6403.639	6403.6	0.0	715.0	0.0
76	100.9325	94.9828	5.9981	88	0.2603	1560.633	5996.623	5996.6	0.0	1560.6	0.0
77	100.9325	96.7744	4.2065	76	0.3419	892.180	2609.166	2609.2	0.0	892.2	0.0
78	100.9325	98.5660	3.7515	58	0.4479	690.692	1542.006	1542.0	0.0	690.7	0.0
79	100.9325	100.3576	2.7419	50	0.6709	232.465	346.516	346.5	0.0	232.5	0.0
80	100.9325	102.1492	2.9879	50	0.8952	93.893	104.886	104.9	0.0	93.9	0.0
81	100.9325	103.9408	5.2344	50	0.7650	427.333	558.574	558.6	0.0	427.3	0.0
82	100.9325	105.7325	7.0260	50	0.6513	617.661	948.403	948.4	0.0	617.7	0.0
83	100.9325	107.5241	8.8176	50	0.5752	814.047	1415.229	1415.2	0.0	814.0	0.0
84	100.9325	109.3157	10.1544	50	0.4894	616.547	1259.887	1259.9	0.0	616.5	0.0
85	100.9325	111.1073	11.9460	50	0.4465	753.724	1688.110	1688.1	0.0	753.7	0.0
86	100.9325	112.8989	13.7376	50	0.3949	804.252	2036.660	2036.7	0.0	804.3	0.0
87	100.9325	114.6905	15.5292	50	0.3542	844.231	2383.537	2383.5	0.0	844.2	0.0
88	100.9325	116.4821	19.1404	50	0.3284	2395.652	7295.169	7295.2	0.0	2395.7	0.0
89	100.9325	118.2737	20.4771	50	0.3078	2048.384	6655.127	6655.1	0.0	2048.4	0.0
90	100.9325	120.0653	21.8138	50	0.2878	1696.849	5895.712	5895.7	0.0	1696.8	0.0
91	100.9325	121.8570	23.6054	50	0.2740	1799.112	6565.855	6565.9	0.0	1799.1	0.0
92	100.9325	123.6486	25.3970	50	0.2621	1901.736	7255.202	7255.2	0.0	1901.7	0.0
93	100.9325	125.4402	26.7337	50	0.2413	1490.451	6177.915	6177.9	0.0	1490.5	0.0
94	100.9325	127.2318	28.5254	50	0.2312	1558.310	6739.136	6739.1	0.0	1558.3	0.0
95	100.9325	129.0234	30.3170	50	0.2222	1625.695	7316.111	7316.1	0.0	1625.7	0.0
96	100.9325	130.8150	31.6537	50	0.2011	1204.429	5990.183	5990.2	0.0	1204.4	0.0
97	100.9325	132.6066	33.4453	50	0.1932	1244.184	6439.792	6439.8	0.0	1244.2	0.0
98	100.9325	134.3982	35.2369	50	0.1862	1284.307	6898.878	6898.9	0.0	1284.3	0.0
99	100.9325	136.1898	37.0285	50	0.1798	1324.459	7364.859	7364.9	0.0	1324.5	0.0
100	100.9325	137.9815	38.8201	50	0.1741	1364.405	7835.656	7835.7	0.0	1364.4	0.0
101	102.2990	94.9828	5.9981	88	0.2818	1621.332	5753.779	5753.8	0.0	1621.3	0.0
102	102.2990	96.7744	4.6956	76	0.3361	997.632	2968.308	2968.3	0.0	997.6	0.0
103	102.2990	98.5660	4.0856	52	0.4472	686.686	1535.561	1535.6	0.0	686.7	0.0
104	102.2990	100.3576	2.3182	50	0.7090	46.151	65.092	65.1	0.0	46.2	0.0
105	102.2990	102.1492	4.3526	50	0.9128	340.407	372.918	372.9	0.0	340.4	0.0
106	102.2990	103.9408	5.2344	50	0.9335	200.269	214.528	214.5	0.0	200.3	0.0
107	102.2990	105.7325	7.4809	50	0.8295	720.397	868.430	868.4	0.0	720.4	0.0
108	102.2990	107.5241	8.8176	50	0.7296	602.582	825.872	825.9	0.0	602.6	0.0
109	102.2990	109.3157	11.0641	50	0.6578	1258.261	1912.714	1912.7	0.0	1258.3	0.0
110	102.2990	111.1073	12.4009	50	0.5923	1021.183	1724.125	1724.1	0.0	1021.2	0.0
111	102.2990	112.8989	14.1925	50	0.5368	1184.961	2207.614	2207.6	0.0	1185.0	0.0
112	102.2990	114.6905	15.9841	50	0.4798	1252.696	2610.781	2610.8	0.0	1252.7	0.0
113	102.2990	116.4821	17.3208	50	0.4360	930.031	2132.927	2132.9	0.0	930.0	0.0
114	102.2990	118.2737	19.1124	50	0.4088	1062.564	2599.510	2599.5	0.0	1062.6	0.0
115	102.2990	120.0653	20.9040	50	0.3786	1130.532	2985.944	2985.9	0.0	1130.5	0.0
116	102.2990	121.8570	22.6956	50	0.3507	1170.545	3337.747	3337.7	0.0	1170.5	0.0
117	102.2990	123.6486	25.8519	50	0.3335	2679.500	8033.460	8033.5	0.0	2679.5	0.0
118	102.2990	125.4402	27.6435	50	0.3193	2824.468	8846.315	8846.3	0.0	2824.5	0.0
119	102.2990	127.2318	28.9803	50	0.3008	2286.596	7600.860	7600.9	0.0	2286.6	0.0
120	102.2990	129.0234	30.7719	50	0.2885	2389.369	8280.941	8280.9	0.0	2389.4	0.0
121	102.2990	130.8150	32.1086	50	0.2687	1862.054	6929.967	6930.0	0.0	1862.1	0.0
122	102.2990	132.6066	33.9002	50	0.2581	1929.699	7475.514	7475.5	0.0	1929.7	0.0
123	102.2990	134.3982	35.6918	50	0.2487	1997.268	8030.882	8030.9	0.0	1997.3	0.0
124	102.2990	136.1898	37.4834	50	0.2400	2064.863	8605.007	8605.0	0.0	2064.9	0.0
125	102.2990	137.9815	39.2750	50	0.2321	2133.029	9189.869	9189.9	0.0	2133.0	0.0
126	103.6654	94.9828	7.0830	88	0.2660	2264.501	8514.179	8514.2	0.0	2264.5	0.0
127	103.6654	96.7744	6.4076	76	0.3052	1912.216	6265.160	6265.2	0.0	1912.2	0.0
128	103.6654	98.5660	2.4149	53	0.4944	91.082	184.221	184.2	0.0	91.1	0.0

P 33.3184 S6 2. Baustufe
 Böschungsbruchberechnung rolliger Boden, Stützbereich max H = 3,7 m

129	103.6654	100.3576	2.7419	50	0.8214	34.703	42.250	42.2	0.0	34.7	0.0
130	103.6654	102.1492	5.2624	50	0.8884	468.440	527.304	527.3	0.0	468.4	0.0
131	103.6654	103.9408	6.5991	50	0.9862	654.502	663.638	663.6	0.0	654.5	0.0
132	103.6654	105.7325	7.9358	50	0.9479	670.923	707.825	707.8	0.0	670.9	0.0
133	103.6654	107.5241	9.2725	50	0.8748	588.379	672.599	672.6	0.0	588.4	0.0
134	103.6654	109.3157	11.0641	50	0.7897	869.307	1100.806	1100.8	0.0	869.3	0.0
135	103.6654	111.1073	12.8558	50	0.7176	1149.506	1601.964	1602.0	0.0	1149.5	0.0
136	103.6654	112.8989	14.6474	50	0.6584	1430.271	2172.405	2172.4	0.0	1430.3	0.0
137	103.6654	114.6905	16.4390	50	0.6037	1660.773	2751.111	2751.1	0.0	1660.8	0.0
138	103.6654	116.4821	17.7757	50	0.5556	1254.981	2258.737	2258.7	0.0	1255.0	0.0
139	103.6654	118.2737	19.5673	50	0.5131	1419.305	2766.342	2766.3	0.0	1419.3	0.0
140	103.6654	120.0653	21.3589	50	0.4772	1553.290	3255.278	3255.3	0.0	1553.3	0.0
141	103.6654	121.8570	23.1505	50	0.4416	1620.940	3670.726	3670.7	0.0	1620.9	0.0
142	103.6654	123.6486	24.9421	50	0.4118	1689.085	4101.908	4101.9	0.0	1689.1	0.0
143	103.6654	125.4402	26.7337	50	0.3867	1756.419	4542.593	4542.6	0.0	1756.4	0.0
144	103.6654	127.2318	29.4351	50	0.3659	3065.172	8377.065	8377.1	0.0	3065.2	0.0
145	103.6654	129.0234	31.2268	50	0.3506	3210.162	9156.331	9156.3	0.0	3210.2	0.0
146	103.6654	130.8150	33.0184	50	0.3368	3354.668	9961.787	9961.8	0.0	3354.7	0.0
147	103.6654	132.6066	34.3551	50	0.3195	2686.113	8405.972	8406.0	0.0	2686.1	0.0
148	103.6654	134.3982	36.1467	50	0.3075	2789.064	9070.027	9070.0	0.0	2789.1	0.0
149	103.6654	136.1898	37.9383	50	0.2966	2892.022	9750.929	9750.9	0.0	2892.0	0.0
150	103.6654	137.9815	39.7299	50	0.2867	2994.718	10446.761	10446.8	0.0	2994.7	0.0
151	105.0319	94.9828	8.9429	88	0.2507	3892.524	15528.460	15528.5	0.0	3892.5	0.0
152	105.0319	96.7744	8.3642	76	0.2753	3458.389	12563.647	12563.6	0.0	3458.4	0.0
153	105.0319	98.5660	2.4149	53	0.3719	40.738	109.539	109.5	0.0	40.7	0.0
154	105.0319	100.3576	3.1657	50	0.7523	2.000	2.659	2.7	0.0	2.0	0.0
155	105.0319	102.1492	5.2624	50	0.8226	169.679	206.275	206.3	0.0	169.7	0.0
156	105.0319	103.9408	6.5991	50	0.9035	186.924	206.881	206.9	0.0	186.9	0.0
157	105.0319	105.7325	8.3907	50	0.9997	513.182	513.359	513.4	0.0	513.2	0.0
158	105.0319	107.5241	10.1823	50	0.9580	933.599	974.550	974.6	0.0	933.6	0.0
159	105.0319	109.3157	11.5190	50	0.9041	820.144	907.107	907.1	0.0	820.1	0.0
160	105.0319	111.1073	13.3106	50	0.8314	1186.250	1426.774	1426.8	0.0	1186.2	0.0
161	105.0319	112.8989	15.1023	50	0.7657	1552.308	2027.388	2027.4	0.0	1552.3	0.0
162	105.0319	114.6905	16.8939	50	0.7098	1918.071	2702.282	2702.3	0.0	1918.1	0.0
163	105.0319	116.4821	18.6855	50	0.6535	2188.563	3349.188	3349.2	0.0	2188.6	0.0
164	105.0319	118.2737	20.0222	50	0.6107	1705.861	2793.382	2793.4	0.0	1705.9	0.0
165	105.0319	120.0653	21.8138	50	0.5742	1976.193	3441.560	3441.6	0.0	1976.2	0.0
166	105.0319	121.8570	23.6054	50	0.5305	2078.875	3918.563	3918.6	0.0	2078.9	0.0
167	105.0319	123.6486	24.9421	50	0.4949	1499.387	3029.847	3029.8	0.0	1499.4	0.0
168	105.0319	125.4402	26.7337	50	0.4705	1693.206	3598.791	3598.8	0.0	1693.2	0.0
169	105.0319	127.2318	28.5254	50	0.4471	1856.179	4151.193	4151.2	0.0	1856.2	0.0
170	105.0319	129.0234	30.3170	50	0.4212	1923.311	4566.706	4566.7	0.0	1923.3	0.0
171	105.0319	130.8150	32.1086	50	0.3985	1990.734	4995.018	4995.0	0.0	1990.7	0.0
172	105.0319	132.6066	35.2649	50	0.3790	4450.767	11743.078	11743.1	0.0	4450.8	0.0
173	105.0319	134.3982	36.6016	50	0.3625	3636.224	10030.925	10030.9	0.0	3636.2	0.0
174	105.0319	136.1898	38.3932	50	0.3495	3780.457	10816.601	10816.6	0.0	3780.5	0.0
175	105.0319	137.9815	40.1848	50	0.3376	3925.633	11627.380	11627.4	0.0	3925.6	0.0
176	106.3984	94.9828	9.4079	88	0.2343	3974.272	16960.096	16960.1	0.0	3974.3	0.0
177	106.3984	96.7744	10.3207	76	0.2539	5579.142	21975.494	21975.5	0.0	5579.1	0.0
178	106.3984	98.5660	9.7662	50	0.2817	4669.400	16574.453	16574.5	0.0	4669.4	0.0
179	106.3984	100.3576	8.6742	50	0.3242	2817.405	8689.694	8689.7	0.0	2817.4	0.0
180	106.3984	102.1492	5.2624	50	0.7363	5.477	7.439	7.4	0.0	5.5	0.0
181	106.3984	103.9408	7.0540	50	0.8583	87.706	102.187	102.2	0.0	87.7	0.0
182	106.3984	105.7325	8.8456	50	0.9456	291.731	308.505	308.5	0.0	291.7	0.0
183	106.3984	107.5241	10.6372	50	0.9981	679.115	680.424	680.4	0.0	679.1	0.0
184	106.3984	109.3157	12.4288	50	0.9802	1233.150	1258.038	1258.0	0.0	1233.2	0.0
185	106.3984	111.1073	13.7655	50	0.9327	1055.898	1132.116	1132.1	0.0	1055.9	0.0
186	106.3984	112.8989	15.5572	50	0.8672	1549.055	1786.208	1786.2	0.0	1549.1	0.0
187	106.3984	114.6905	17.3488	50	0.8062	2010.790	2494.023	2494.0	0.0	2010.8	0.0
188	106.3984	116.4821	19.1404	50	0.7530	2471.066	3281.573	3281.6	0.0	2471.1	0.0
189	106.3984	118.2737	20.4771	50	0.6982	1859.565	2663.222	2663.2	0.0	1859.6	0.0
190	106.3984	120.0653	22.2687	50	0.6572	2218.823	3376.080	3376.1	0.0	2218.8	0.0
191	106.3984	121.8570	24.0603	50	0.6173	2516.595	4076.982	4077.0	0.0	2516.6	0.0
192	106.3984	123.6486	25.3970	50	0.5759	1815.015	3151.495	3151.5	0.0	1815.0	0.0
193	106.3984	125.4402	27.1886	50	0.5477	2085.364	3807.464	3807.5	0.0	2085.4	0.0
194	106.3984	127.2318	28.9803	50	0.5204	2316.245	4450.777	4450.8	0.0	2316.2	0.0
195	106.3984	129.0234	30.7719	50	0.4899	2417.394	4934.514	4934.5	0.0	2417.4	0.0
196	106.3984	130.8150	32.5635	50	0.4634	2519.091	5436.303	5436.3	0.0	2519.1	0.0

P 33.3184 S6 2. Baustufe
 Böschungsbruchberechnung rolliger Boden, Stützbereich max H = 3,7 m

197	106.3984	132.6066	33.9002	50	0.4404	1841.208	4181.048	4181.0	0.0	1841.2	0.0
198	106.3984	134.3982	35.6918	50	0.4239	2030.173	4789.394	4789.4	0.0	2030.2	0.0
199	106.3984	136.1898	37.4834	50	0.4067	2168.169	5331.695	5331.7	0.0	2168.2	0.0
200	106.3984	137.9815	39.2750	50	0.3883	2234.289	5753.551	5753.6	0.0	2234.3	0.0
201	107.7649	94.9828	8.6329	88	0.1959	2388.260	12191.371	12191.4	0.0	2388.3	0.0
202	107.7649	96.7744	10.0762	76	0.2283	4472.408	19590.548	19590.5	0.0	4472.4	0.0
203	107.7649	98.5660	11.4369	54	0.2562	6647.037	25945.430	25945.4	0.0	6647.0	0.0
204	107.7649	100.3576	11.2166	50	0.2784	5667.799	20355.333	20355.3	0.0	5667.8	0.0
205	107.7649	102.1492	10.7211	50	0.3162	4052.060	12813.507	12813.5	0.0	4052.1	0.0
206	107.7649	103.9408	7.5089	50	0.7284	7.495	10.290	10.3	0.0	7.5	0.0
207	107.7649	105.7325	9.3005	50	0.8932	127.531	142.778	142.8	0.0	127.5	0.0
208	107.7649	107.5241	10.6372	50	0.7685	81.125	105.556	105.6	0.0	81.1	0.0
209	107.7649	109.3157	12.4288	50	0.9343	308.090	329.737	329.7	0.0	308.1	0.0
210	107.7649	111.1073	14.2204	50	0.9576	736.487	769.101	769.1	0.0	736.5	0.0
211	107.7649	112.8989	16.0120	50	0.9493	1349.948	1422.013	1422.0	0.0	1349.9	0.0
212	107.7649	114.6905	17.8037	50	0.8918	1904.757	2135.910	2135.9	0.0	1904.8	0.0
213	107.7649	116.4821	19.5953	50	0.8358	2459.245	2942.339	2942.3	0.0	2459.2	0.0
214	107.7649	118.2737	21.3869	50	0.7854	3015.977	3840.028	3840.0	0.0	3016.0	0.0
215	107.7649	120.0653	22.7236	50	0.7359	2298.145	3122.712	3122.7	0.0	2298.1	0.0
216	107.7649	121.8570	24.5152	50	0.6959	2740.302	3937.879	3937.9	0.0	2740.3	0.0
217	107.7649	123.6486	26.3068	50	0.6561	3104.249	4731.083	4731.1	0.0	3104.2	0.0
218	107.7649	125.4402	27.6435	50	0.6244	2387.787	3824.158	3824.2	0.0	2387.8	0.0
219	107.7649	127.2318	29.4351	50	0.5955	2738.632	4598.883	4598.9	0.0	2738.6	0.0
220	107.7649	129.0234	31.2268	50	0.5607	2895.214	5163.450	5163.4	0.0	2895.2	0.0
221	107.7649	130.8150	32.5635	50	0.5289	2029.547	3837.430	3837.4	0.0	2029.5	0.0
222	107.7649	132.6066	34.3551	50	0.5052	2302.138	4556.479	4556.5	0.0	2302.1	0.0
223	107.7649	134.3982	36.1467	50	0.4863	2566.534	5277.479	5277.5	0.0	2566.5	0.0
224	107.7649	136.1898	37.9383	50	0.4637	2686.463	5793.888	5793.9	0.0	2686.5	0.0
225	107.7649	137.9815	39.7299	50	0.4428	2785.701	6291.208	6291.2	0.0	2785.7	0.0
226	109.1314	94.9828	8.0130	88	0.1732	1614.074	9320.875	9320.9	0.0	1614.1	0.0
227	109.1314	96.7744	9.3425	76	0.1909	2751.578	14412.969	14413.0	0.0	2751.6	0.0
228	109.1314	98.5660	10.7686	54	0.2210	4473.109	20244.421	20244.4	0.0	4473.1	0.0
229	109.1314	100.3576	5.7080	50	0.4764	1.705	3.579	3.6	0.0	1.7	0.0
230	109.1314	102.1492	12.9956	50	0.2781	7177.849	25807.082	25807.1	0.0	7177.8	0.0
231	109.1314	103.9408	12.9676	50	0.2966	5555.029	18730.409	18730.4	0.0	5555.0	0.0
232	109.1314	105.7325	9.7554	50	0.7189	9.249	12.865	12.9	0.0	9.2	0.0
233	109.1314	107.5241	11.5470	50	0.8139	9.902	12.165	12.2	0.0	9.9	0.0
234	109.1314	109.3157	12.8837	50	0.7844	19.630	25.024	25.0	0.0	19.6	0.0
235	109.1314	111.1073	14.6753	50	0.9165	397.605	433.835	433.8	0.0	397.6	0.0
236	109.1314	112.8989	16.4669	50	0.9731	903.026	927.985	928.0	0.0	903.0	0.0
237	109.1314	114.6905	18.2586	50	0.9680	1624.376	1678.116	1678.1	0.0	1624.4	0.0
238	109.1314	116.4821	19.5953	50	0.9038	1170.810	1295.368	1295.4	0.0	1170.8	0.0
239	109.1314	118.2737	21.3869	50	0.8599	1698.080	1974.629	1974.6	0.0	1698.1	0.0
240	109.1314	120.0653	23.1785	50	0.8104	2283.512	2817.608	2817.6	0.0	2283.5	0.0
241	109.1314	121.8570	24.9701	50	0.7677	2825.410	3680.438	3680.4	0.0	2825.4	0.0
242	109.1314	123.6486	26.7617	50	0.7290	3368.403	4620.508	4620.5	0.0	3368.4	0.0
243	109.1314	125.4402	28.0984	50	0.6912	2539.208	3673.744	3673.7	0.0	2539.2	0.0
244	109.1314	127.2318	29.8900	50	0.6595	2980.847	4519.920	4519.9	0.0	2980.8	0.0
245	109.1314	129.0234	31.6817	50	0.6278	3350.449	5337.172	5337.2	0.0	3350.4	0.0
246	109.1314	130.8150	33.4733	50	0.5927	3537.582	5968.363	5968.4	0.0	3537.6	0.0
247	109.1314	132.6066	34.8100	50	0.5691	2703.147	4750.139	4750.1	0.0	2703.1	0.0
248	109.1314	134.3982	36.6016	50	0.5477	3045.564	5561.057	5561.1	0.0	3045.6	0.0
249	109.1314	136.1898	38.3932	50	0.5217	3203.569	6140.633	6140.6	0.0	3203.6	0.0
250	109.1314	137.9815	40.1848	50	0.4981	3342.214	6709.759	6709.8	0.0	3342.2	0.0
251	110.4979	94.9828	7.2380	88	0.1543	1000.966	6487.755	6487.8	0.0	1001.0	0.0
252	110.4979	96.7744	8.6088	76	0.1667	1787.603	10723.794	10723.8	0.0	1787.6	0.0
253	110.4979	98.5660	10.1003	54	0.1848	2827.258	15297.644	15297.6	0.0	2827.3	0.0
254	110.4979	100.3576	11.6403	50	0.2010	4089.825	20347.379	20347.4	0.0	4089.8	0.0
255	110.4979	102.1492	12.9956	50	0.2406	5878.417	24437.054	24437.1	0.0	5878.4	0.0
256	110.4979	103.9408	9.3285	50	0.6873	4.721	6.870	6.9	0.0	4.7	0.0
257	110.4979	105.7325	11.1201	50	0.7266	7.153	9.844	9.8	0.0	7.2	0.0
258	110.4979	107.5241	12.0019	50	0.7086	10.750	15.171	15.2	0.0	10.7	0.0
259	110.4979	109.3157	13.7935	50	0.8425	14.860	17.638	17.6	0.0	14.9	0.0
260	110.4979	111.1073	15.1302	50	0.8012	102.154	127.496	127.5	0.0	102.2	0.0
261	110.4979	112.8989	16.9218	50	0.9329	483.455	518.229	518.2	0.0	483.5	0.0
262	110.4979	114.6905	18.2586	50	0.8484	296.553	349.543	349.5	0.0	296.6	0.0
263	110.4979	116.4821	20.0502	50	0.9330	760.322	814.930	814.9	0.0	760.3	0.0
264	110.4979	118.2737	21.8418	50	0.9166	1418.945	1547.969	1548.0	0.0	1418.9	0.0

P 33.3184 S6 2. Baustufe
 Böschungsbruchberechnung rolliger Boden, Stützbereich max H = 3,7 m

265	110.4979	120.0653	23.6334	50	0.8782	2055.449	2340.488	2340.5	0.0	2055.4	0.0
266	110.4979	121.8570	25.4250	50	0.8356	2692.832	3222.785	3222.8	0.0	2692.8	0.0
267	110.4979	123.6486	27.2166	50	0.7949	3332.754	4192.805	4192.8	0.0	3332.8	0.0
268	110.4979	125.4402	29.0082	50	0.7575	3973.529	5245.641	5245.6	0.0	3973.5	0.0
269	110.4979	127.2318	30.3449	50	0.7228	3038.639	4203.841	4203.8	0.0	3038.6	0.0
270	110.4979	129.0234	32.1365	50	0.6917	3566.553	5156.441	5156.4	0.0	3566.6	0.0
271	110.4979	130.8150	33.9282	50	0.6562	3989.718	6080.322	6080.3	0.0	3989.7	0.0
272	110.4979	132.6066	35.2649	50	0.6278	2904.983	4626.948	4626.9	0.0	2905.0	0.0
273	110.4979	134.3982	37.0565	50	0.6023	3376.294	5605.440	5605.4	0.0	3376.3	0.0
274	110.4979	136.1898	38.8481	50	0.5773	3696.663	6403.890	6403.9	0.0	3696.7	0.0
275	110.4979	137.9815	40.6397	50	0.5506	3887.410	7060.524	7060.5	0.0	3887.4	0.0
276	111.8643	94.9828	6.4631	88	0.1488	667.487	4484.934	4484.9	0.0	667.5	0.0
277	111.8643	96.7744	8.1196	76	0.1512	1310.975	8668.827	8668.8	0.0	1311.0	0.0
278	111.8643	98.5660	9.4320	54	0.1589	1854.381	11668.509	11668.5	0.0	1854.4	0.0
279	111.8643	100.3576	10.7928	50	0.1632	2367.091	14505.627	14505.6	0.0	2367.1	0.0
280	111.8643	102.1492	12.5407	50	0.1881	3643.405	19373.216	19373.2	0.0	3643.4	0.0
281	111.8643	103.9408	13.8774	50	0.2099	4645.141	22134.922	22134.9	0.0	4645.1	0.0
282	111.8643	105.7325	11.5750	50	0.8089	9.799	12.115	12.1	0.0	9.8	0.0
283	111.8643	107.5241	12.9117	50	0.8622	18.004	20.882	20.9	0.0	18.0	0.0
284	111.8643	109.3157	14.2484	50	0.6976	12.009	17.215	17.2	0.0	12.0	0.0
285	111.8643	111.1073	15.5851	50	0.3598	1.912	5.313	5.3	0.0	1.9	0.0
286	111.8643	112.8989	17.3767	50	0.8141	119.969	147.357	147.4	0.0	120.0	0.0
287	111.8643	114.6905	18.7135	50	0.6652	17.821	26.790	26.8	0.0	17.8	0.0
288	111.8643	116.4821	20.5051	50	0.8650	350.716	405.438	405.4	0.0	350.7	0.0
289	111.8643	118.2737	22.2967	50	0.9327	916.864	983.024	983.0	0.0	916.9	0.0
290	111.8643	120.0653	24.0883	50	0.9333	1646.612	1764.378	1764.4	0.0	1646.6	0.0
291	111.8643	121.8570	25.8799	50	0.8991	2380.836	2648.115	2648.1	0.0	2380.8	0.0
292	111.8643	123.6486	27.2166	50	0.8449	1623.717	1921.732	1921.7	0.0	1623.7	0.0
293	111.8643	125.4402	29.0082	50	0.8200	2324.685	2834.947	2834.9	0.0	2324.7	0.0
294	111.8643	127.2318	30.7998	50	0.7820	3012.515	3852.102	3852.1	0.0	3012.5	0.0
295	111.8643	129.0234	32.5914	50	0.7491	3647.711	4869.154	4869.2	0.0	3647.7	0.0
296	111.8643	130.8150	34.3831	50	0.7188	4283.159	5959.067	5959.1	0.0	4283.2	0.0
297	111.8643	132.6066	36.1747	50	0.6829	4679.363	6852.586	6852.6	0.0	4679.4	0.0
298	111.8643	134.3982	37.5114	50	0.6558	3546.206	5407.636	5407.6	0.0	3546.2	0.0
299	111.8643	136.1898	39.3030	50	0.6352	4148.929	6532.094	6532.1	0.0	4148.9	0.0
300	111.8643	137.9815	41.0946	50	0.6054	4387.795	7247.359	7247.4	0.0	4387.8	0.0
301	113.2308	94.9828	nicht berechnet								
302	113.2308	96.7744	7.3859	76	0.1484	961.932	6484.051	6484.1	0.0	961.9	0.0
303	113.2308	98.5660	8.7637	54	0.1439	1281.662	8903.756	8903.8	0.0	1281.7	0.0
304	113.2308	100.3576	10.3691	50	0.1369	1642.406	11993.363	11993.4	0.0	1642.4	0.0
305	113.2308	102.1492	11.6309	50	0.1313	1757.821	13383.559	13383.6	0.0	1757.8	0.0
306	113.2308	103.9408	11.1480	50	0.7095	6.747	9.509	9.5	0.0	6.7	0.0
307	113.2308	105.7325	12.9397	50	0.5652	5.210	9.217	9.2	0.0	5.2	0.0
308	113.2308	107.5241	13.8215	50	0.8534	14.823	17.369	17.4	0.0	14.8	0.0
309	113.2308	109.3157	15.1582	50	0.8480	20.776	24.501	24.5	0.0	20.8	0.0
310	113.2308	111.1073	16.4949	50	0.6861	13.040	19.005	19.0	0.0	13.0	0.0
311	113.2308	112.8989	17.8316	50	0.3572	2.091	5.855	5.9	0.0	2.1	0.0
312	113.2308	114.6905	19.6232	50	0.7756	160.280	206.651	206.7	0.0	160.3	0.0
313	113.2308	116.4821	20.9600	50	0.6680	19.587	29.324	29.3	0.0	19.6	0.0
314	113.2308	118.2737	22.7516	50	0.8794	404.443	459.896	459.9	0.0	404.4	0.0
315	113.2308	120.0653	24.5432	50	0.9447	1049.811	1111.242	1111.2	0.0	1049.8	0.0
316	113.2308	121.8570	26.3348	50	0.9496	1878.561	1978.228	1978.2	0.0	1878.6	0.0
317	113.2308	123.6486	27.6715	50	0.8835	1187.060	1343.551	1343.6	0.0	1187.1	0.0
318	113.2308	125.4402	29.4631	50	0.8597	1916.596	2229.409	2229.4	0.0	1916.6	0.0
319	113.2308	127.2318	31.2547	50	0.8383	2753.755	3285.021	3285.0	0.0	2753.8	0.0
320	113.2308	129.0234	33.0463	50	0.8052	3483.509	4326.302	4326.3	0.0	3483.5	0.0
321	113.2308	130.8150	34.8379	50	0.7733	4218.195	5454.811	5454.8	0.0	4218.2	0.0
322	113.2308	132.6066	36.6296	50	0.7437	4952.317	6659.081	6659.1	0.0	4952.3	0.0
323	113.2308	134.3982	37.9663	50	0.7132	3706.999	5197.338	5197.3	0.0	3707.0	0.0
324	113.2308	136.1898	39.7579	50	0.6880	4320.126	6279.152	6279.2	0.0	4320.1	0.0
325	113.2308	137.9815	41.5495	50	0.6580	4833.747	7346.432	7346.4	0.0	4833.7	0.0
326	114.5973	94.9828	nicht berechnet								
327	114.5973	96.7744	6.6522	76	0.1482	705.314	4760.692	4760.7	0.0	705.3	0.0
328	114.5973	98.5660	8.0954	54	0.1433	988.985	6900.637	6900.6	0.0	989.0	0.0
329	114.5973	100.3576	9.5216	50	0.1257	1089.913	8670.288	8670.3	0.0	1089.9	0.0
330	114.5973	102.1492	11.1760	50	0.1203	1326.960	11026.076	11026.1	0.0	1327.0	0.0
331	114.5973	103.9408	12.5127	50	0.0934	1112.035	11905.525	11905.5	0.0	1112.0	0.0
332	114.5973	105.7325	14.3043	50	0.0959	1436.327	14982.072	14982.1	0.0	1436.3	0.0

P 33.3184 S6 2. Baustufe
 Böschungsbruchberechnung rolliger Boden, Stützbereich max H = 3,7 m

333	114.5973	107.5241	14.7313	50	0.4952	3.134	6.328	6.3	0.0	3.1	0.0
334	114.5973	109.3157	16.0680	50	0.8705	19.594	22.510	22.5	0.0	19.6	0.0
335	114.5973	111.1073	17.4047	50	0.8347	23.233	27.834	27.8	0.0	23.2	0.0
336	114.5973	112.8989	19.1963	50	0.7646	13.829	18.087	18.1	0.0	13.8	0.0
337	114.5973	114.6905	20.0781	50	0.3500	2.186	6.244	6.2	0.0	2.2	0.0
338	114.5973	116.4821	21.8697	50	0.7881	184.229	233.764	233.8	0.0	184.2	0.0
339	114.5973	118.2737	23.2065	50	0.6683	21.108	31.586	31.6	0.0	21.1	0.0
340	114.5973	120.0653	24.9981	50	0.8920	458.137	513.585	513.6	0.0	458.1	0.0
341	114.5973	121.8570	26.7897	50	0.9561	1183.850	1238.265	1238.3	0.0	1183.8	0.0
342	114.5973	123.6486	28.1264	50	0.8355	585.053	700.277	700.3	0.0	585.1	0.0
343	114.5973	125.4402	29.9180	50	0.9015	1347.791	1495.129	1495.1	0.0	1347.8	0.0
344	114.5973	127.2318	31.7096	50	0.8778	2190.028	2494.910	2494.9	0.0	2190.0	0.0
345	114.5973	129.0234	33.5012	50	0.8584	3139.121	3657.129	3657.1	0.0	3139.1	0.0
346	114.5973	130.8150	34.8379	50	0.8111	2075.994	2559.372	2559.4	0.0	2076.0	0.0
347	114.5973	132.6066	36.6296	50	0.7861	2757.966	3508.458	3508.5	0.0	2758.0	0.0
348	114.5973	134.3982	38.4212	50	0.7563	3516.923	4649.903	4649.9	0.0	3516.9	0.0
349	114.5973	136.1898	40.2128	50	0.7306	4230.577	5790.422	5790.4	0.0	4230.6	0.0
350	114.5973	137.9815	42.0044	50	0.7111	5118.327	7197.699	7197.7	0.0	5118.3	0.0
351	115.9638	94.9828	nicht berechnet								
352	115.9638	96.7744	5.9185	76	0.1479	498.923	3373.257	3373.3	0.0	498.9	0.0
353	115.9638	98.5660	7.4271	54	0.1425	743.953	5218.923	5218.9	0.0	744.0	0.0
354	115.9638	100.3576	8.6742	50	0.1238	759.303	6133.623	6133.6	0.0	759.3	0.0
355	115.9638	102.1492	10.2662	50	0.1050	807.714	7695.931	7695.9	0.0	807.7	0.0
356	115.9638	103.9408	12.0578	50	0.0873	866.855	9924.390	9924.4	0.0	866.9	0.0
357	115.9638	105.7325	14.7592	50	0.1594	0.533	3.343	3.3	0.0	0.5	0.0
358	115.9638	107.5241	15.1862	50	0.0541	667.885	12354.263	12354.3	0.0	667.9	0.0
359	115.9638	109.3157	16.9778	50	0.6707	8.112	12.096	12.1	0.0	8.1	0.0
360	115.9638	111.1073	17.8596	50	0.0180	205.980	11444.044	11444.0	0.0	206.0	0.0
361	115.9638	112.8989	19.6512	50	0.8220	25.377	30.873	30.9	0.0	25.4	0.0
362	115.9638	114.6905	21.4428	50	0.8120	19.435	23.934	23.9	0.0	19.4	0.0
363	115.9638	116.4821	22.3246	50	0.3393	2.201	6.486	6.5	0.0	2.2	0.0
364	115.9638	118.2737	24.1163	50	0.7974	206.894	259.475	259.5	0.0	206.9	0.0
365	115.9638	120.0653	25.4530	50	0.6666	22.386	33.582	33.6	0.0	22.4	0.0
366	115.9638	121.8570	27.2446	50	0.8695	538.857	619.702	619.7	0.0	538.9	0.0
367	115.9638	123.6486	28.5813	50	0.8014	203.827	254.351	254.4	0.0	203.8	0.0
368	115.9638	125.4402	30.3729	50	0.8494	658.944	775.753	775.8	0.0	658.9	0.0
369	115.9638	127.2318	32.1645	50	0.9036	1565.382	1732.438	1732.4	0.0	1565.4	0.0
370	115.9638	129.0234	33.9561	50	0.9047	2603.659	2877.988	2878.0	0.0	2603.7	0.0
371	115.9638	130.8150	35.2928	50	0.8482	1611.891	1900.400	1900.4	0.0	1611.9	0.0
372	115.9638	132.6066	37.0845	50	0.8325	2373.199	2850.799	2850.8	0.0	2373.2	0.0
373	115.9638	134.3982	38.8761	50	0.8030	3225.341	4016.732	4016.7	0.0	3225.3	0.0
374	115.9638	136.1898	40.6677	50	0.7775	4033.289	5187.273	5187.3	0.0	4033.3	0.0
375	115.9638	137.9815	42.4593	50	0.7575	5024.144	6632.699	6632.7	0.0	5024.1	0.0
376	117.3303	94.9828	nicht berechnet								
377	117.3303	96.7744	5.1848	76	0.1476	337.293	2285.362	2285.4	0.0	337.3	0.0
378	117.3303	98.5660	6.7588	54	0.1416	542.424	3831.033	3831.0	0.0	542.4	0.0
379	117.3303	100.3576	8.2504	50	0.1226	621.276	5066.781	5066.8	0.0	621.3	0.0
380	117.3303	102.1492	9.8113	50	0.1033	650.633	6299.344	6299.3	0.0	650.6	0.0
381	117.3303	103.9408	11.1480	50	0.0836	556.048	6653.815	6653.8	0.0	556.0	0.0
382	117.3303	105.7325	12.9397	50	0.0672	561.229	8351.326	8351.3	0.0	561.2	0.0
383	117.3303	107.5241	16.5509	50	0.5710	5.464	9.569	9.6	0.0	5.5	0.0
384	117.3303	109.3157	18.3425	50	0.5316	5.583	10.502	10.5	0.0	5.6	0.0
385	117.3303	111.1073	19.2243	50	0.7596	13.684	18.016	18.0	0.0	13.7	0.0
386	117.3303	112.8989	20.5610	50	0.1190	0.155	1.307	1.3	0.0	0.2	0.0
387	117.3303	114.6905	21.8977	50	0.8096	27.215	33.616	33.6	0.0	27.2	0.0
388	117.3303	116.4821	23.6893	50	0.8120	25.039	30.834	30.8	0.0	25.0	0.0
389	117.3303	118.2737	24.5711	50	0.3257	2.145	6.586	6.6	0.0	2.1	0.0
390	117.3303	120.0653	26.3628	50	0.8037	228.006	283.697	283.7	0.0	228.0	0.0
391	117.3303	121.8570	27.6995	50	0.6633	23.421	35.312	35.3	0.0	23.4	0.0
392	117.3303	123.6486	29.4911	50	0.8798	600.336	682.334	682.3	0.0	600.3	0.0
393	117.3303	125.4402	30.8278	50	0.8085	221.701	274.224	274.2	0.0	221.7	0.0
394	117.3303	127.2318	32.6194	50	0.8634	735.994	852.408	852.4	0.0	736.0	0.0
395	117.3303	129.0234	34.4110	50	0.9175	1750.075	1907.437	1907.4	0.0	1750.1	0.0
396	117.3303	130.8150	35.7477	50	0.8233	882.098	1071.420	1071.4	0.0	882.1	0.0
397	117.3303	132.6066	37.5393	50	0.8666	1824.194	2104.998	2105.0	0.0	1824.2	0.0
398	117.3303	134.3982	39.3310	50	0.8443	2753.343	3260.948	3260.9	0.0	2753.3	0.0
399	117.3303	136.1898	41.1226	50	0.8220	3656.060	4447.827	4447.8	0.0	3656.1	0.0
400	117.3303	137.9815	42.9142	50	0.8031	4740.159	5902.349	5902.3	0.0	4740.2	0.0

P 33.3184 S6 2. Baustufe
 Böschungsbruchberechnung rolliger Boden, Stützbereich max H = 3,7 m

401	118.6968	94.9828	nicht berechnet								
402	118.6968	96.7744	4.4511	76	0.1472	214.957	1460.603	1460.6	0.0	215.0	0.0
403	118.6968	98.5660	6.0905	54	0.1403	380.265	2709.435	2709.4	0.0	380.3	0.0
404	118.6968	100.3576	7.4030	50	0.1196	394.868	3300.696	3300.7	0.0	394.9	0.0
405	118.6968	102.1492	8.9015	50	0.0864	345.066	3991.972	3992.0	0.0	345.1	0.0
406	118.6968	103.9408	10.6932	50	0.0689	364.800	5294.022	5294.0	0.0	364.8	0.0
407	118.6968	105.7325	12.0299	50	0.0401	210.216	5241.295	5241.3	0.0	210.2	0.0
408	118.6968	107.5241	13.3666	50	0.0179	88.457	4936.330	4936.3	0.0	88.5	0.0
409	118.6968	109.3157	15.1582	50	0.0101	59.890	5954.885	5954.9	0.0	59.9	0.0
410	118.6968	111.1073	20.1341	50	0.2525	0.862	3.414	3.4	0.0	0.9	0.0
411	118.6968	112.8989	21.4708	50	0.8087	19.369	23.952	24.0	0.0	19.4	0.0
412	118.6968	114.6905	22.8075	50	0.2467	0.845	3.424	3.4	0.0	0.8	0.0
413	118.6968	116.4821	24.1442	50	0.7975	28.769	36.076	36.1	0.0	28.8	0.0
414	118.6968	118.2737	25.9358	50	0.8053	30.797	38.241	38.2	0.0	30.8	0.0
415	118.6968	120.0653	26.8177	50	0.3094	2.027	6.552	6.6	0.0	2.0	0.0
416	118.6968	121.8570	28.6093	50	0.8080	247.956	306.868	306.9	0.0	248.0	0.0
417	118.6968	123.6486	29.9460	50	0.6586	24.228	36.785	36.8	0.0	24.2	0.0
418	118.6968	125.4402	31.7376	50	0.8901	665.789	747.981	748.0	0.0	665.8	0.0
419	118.6968	127.2318	33.0743	50	0.7790	283.849	364.399	364.4	0.0	283.8	0.0
420	118.6968	129.0234	34.8659	50	0.8536	851.934	998.038	998.0	0.0	851.9	0.0
421	118.6968	130.8150	36.6575	50	0.9306	1933.860	2078.045	2078.0	0.0	1933.9	0.0
422	118.6968	132.6066	37.9942	50	0.8617	1109.111	1287.131	1287.1	0.0	1109.1	0.0
423	118.6968	134.3982	39.7859	50	0.8729	2097.585	2402.919	2402.9	0.0	2097.6	0.0
424	118.6968	136.1898	41.5775	50	0.8611	3090.998	3589.396	3589.4	0.0	3091.0	0.0
425	118.6968	137.9815	43.3691	50	0.8463	4270.011	5045.339	5045.3	0.0	4270.0	0.0
426	120.0632	94.9828	nicht berechnet								
427	120.0632	96.7744	nicht berechnet								
428	120.0632	98.5660	5.4222	54	0.1387	253.337	1826.563	1826.6	0.0	253.3	0.0
429	120.0632	100.3576	6.5555	50	0.1029	203.349	1975.883	1975.9	0.0	203.3	0.0
430	120.0632	102.1492	8.4466	50	0.0839	257.267	3066.368	3066.4	0.0	257.3	0.0
431	120.0632	103.9408	9.7834	50	0.0520	161.092	3095.494	3095.5	0.0	161.1	0.0
432	120.0632	105.7325	11.1201	50	0.0179	51.916	2906.917	2906.9	0.0	51.9	0.0
433	120.0632	107.5241	12.9117	50	0.0099	36.001	3632.296	3632.3	0.0	36.0	0.0
434	120.0632	109.3157	20.1620	50	0.3330	2.384	7.157	7.2	0.0	2.4	0.0
435	120.0632	111.1073	15.1302	50	0.0001	0.000	1368.186	1368.2	0.0	0.0	0.0
436	120.0632	112.8989	22.3806	50	0.4893	4.526	9.248	9.2	0.0	4.5	0.0
437	120.0632	114.6905	23.7173	50	0.8370	24.946	29.804	29.8	0.0	24.9	0.0
438	120.0632	116.4821	25.0540	50	0.3281	1.809	5.514	5.5	0.0	1.8	0.0
439	120.0632	118.2737	26.3907	50	0.7855	30.051	38.257	38.3	0.0	30.1	0.0
440	120.0632	120.0653	28.1823	50	0.8003	36.559	45.681	45.7	0.0	36.6	0.0
441	120.0632	121.8570	29.5191	50	0.7582	46.118	60.823	60.8	0.0	46.1	0.0
442	120.0632	123.6486	30.8558	50	0.8106	266.600	328.910	328.9	0.0	266.6	0.0
443	120.0632	125.4402	32.1925	50	0.6528	24.817	38.013	38.0	0.0	24.8	0.0
444	120.0632	127.2318	33.9841	50	0.8990	729.605	811.569	811.6	0.0	729.6	0.0
445	120.0632	129.0234	35.3208	50	0.7860	307.281	390.925	390.9	0.0	307.3	0.0
446	120.0632	130.8150	37.1124	50	0.8677	950.607	1095.529	1095.5	0.0	950.6	0.0
447	120.0632	132.6066	38.4491	50	0.7929	452.630	570.841	570.8	0.0	452.6	0.0
448	120.0632	134.3982	40.2407	50	0.8765	1235.034	1409.089	1409.1	0.0	1235.0	0.0
449	120.0632	136.1898	42.0324	50	0.8875	2339.810	2636.288	2636.3	0.0	2339.8	0.0
450	120.0632	137.9815	43.8240	50	0.8771	3433.126	3914.298	3914.3	0.0	3433.1	0.0
451	121.4297	94.9828	nicht berechnet								
452	121.4297	96.7744	nicht berechnet								
453	121.4297	98.5660	4.4198	54	0.1230	109.325	889.138	889.1	0.0	109.3	0.0
454	121.4297	100.3576	6.1318	50	0.1001	146.474	1462.879	1462.9	0.0	146.5	0.0
455	121.4297	102.1492	7.5369	50	0.0535	86.780	1623.242	1623.2	0.0	86.8	0.0
456	121.4297	103.9408	9.3285	50	0.0384	85.959	2236.662	2236.7	0.0	86.0	0.0
457	121.4297	105.7325	10.6652	50	0.0097	19.492	2008.764	2008.8	0.0	19.5	0.0
458	121.4297	107.5241	12.0019	50	0.0001	0.000	1627.781	1627.8	0.0	0.0	0.0
459	121.4297	109.3157	13.7935	50	0.0001	0.000	2003.797	2003.8	0.0	0.0	0.0
460	121.4297	111.1073	21.9537	50	0.3799	2.590	6.819	6.8	0.0	2.6	0.0
461	121.4297	112.8989	23.7453	50	0.4008	3.440	8.584	8.6	0.0	3.4	0.0
462	121.4297	114.6905	24.6271	50	0.6249	9.666	15.468	15.5	0.0	9.7	0.0
463	121.4297	116.4821	25.9638	50	0.8534	30.295	35.498	35.5	0.0	30.3	0.0
464	121.4297	118.2737	27.3005	50	0.3818	2.874	7.528	7.5	0.0	2.9	0.0
465	121.4297	120.0653	28.6372	50	0.7736	31.074	40.166	40.2	0.0	31.1	0.0
466	121.4297	121.8570	29.9739	50	0.6627	24.766	37.373	37.4	0.0	24.8	0.0
467	121.4297	123.6486	31.7656	50	0.7469	49.131	65.781	65.8	0.0	49.1	0.0
468	121.4297	125.4402	33.1023	50	0.6372	35.931	56.393	56.4	0.0	35.9	0.0

P 33.3184 S6 2. Baustufe
 Böschungsbruchberechnung rolliger Boden, Stützbereich max H = 3,7 m

469	121.4297	127.2318	34.4390	50	0.6461	25.200	39.004	39.0	0.0	25.2	0.0
470	121.4297	129.0234	35.7757	50	0.2871	2.344	8.164	8.2	0.0	2.3	0.0
471	121.4297	130.8150	37.5673	50	0.7915	329.419	416.175	416.2	0.0	329.4	0.0
472	121.4297	132.6066	39.3589	50	0.8805	1049.196	1191.617	1191.6	0.0	1049.2	0.0
473	121.4297	134.3982	40.6956	50	0.8085	502.787	621.872	621.9	0.0	502.8	0.0
474	121.4297	136.1898	42.4873	50	0.8900	1359.093	1527.075	1527.1	0.0	1359.1	0.0
475	121.4297	137.9815	44.2789	50	0.9014	2584.372	2866.956	2867.0	0.0	2584.4	0.0
476	122.7962	94.9828	nicht berechnet								
477	122.7962	96.7744	nicht berechnet								
478	122.7962	98.5660	3.7515	54	0.1187	57.241	482.383	482.4	0.0	57.2	0.0
479	122.7962	100.3576	5.2843	50	0.0679	47.379	697.786	697.8	0.0	47.4	0.0
480	122.7962	102.1492	7.0820	50	0.0391	42.583	1090.342	1090.3	0.0	42.6	0.0
481	122.7962	103.9408	8.4187	50	0.0044	4.224	959.035	959.0	0.0	4.2	0.0
482	122.7962	105.7325	nicht berechnet								
483	122.7962	107.5241	21.0998	50	0.1509	1.456	9.645	9.6	0.0	1.5	0.0
484	122.7962	109.3157	12.8837	50	0.0001	0.000	482.564	482.6	0.0	0.0	0.0
485	122.7962	111.1073	14.2204	50	0.0001	0.000	85.196	85.2	0.0	0.0	0.0
486	122.7962	112.8989	24.2002	50	0.6675	11.635	17.430	17.4	0.0	11.6	0.0
487	122.7962	114.6905	25.9918	50	0.7606	18.696	24.580	24.6	0.0	18.7	0.0
488	122.7962	116.4821	26.8736	50	0.7082	15.503	21.891	21.9	0.0	15.5	0.0
489	122.7962	118.2737	28.2103	50	0.8626	35.353	40.983	41.0	0.0	35.4	0.0
490	122.7962	120.0653	29.5470	50	0.8518	41.031	48.172	48.2	0.0	41.0	0.0
491	122.7962	121.8570	31.3386	50	0.8008	27.833	34.758	34.8	0.0	27.8	0.0
492	122.7962	123.6486	32.2205	50	0.6568	25.365	38.616	38.6	0.0	25.4	0.0
493	122.7962	125.4402	34.0121	50	0.7356	51.685	70.264	70.3	0.0	51.7	0.0
494	122.7962	127.2318	35.3488	50	0.6251	35.743	57.178	57.2	0.0	35.7	0.0
495	122.7962	129.0234	36.6855	50	0.6398	29.951	46.813	46.8	0.0	30.0	0.0
496	122.7962	130.8150	38.0222	50	0.2776	2.263	8.153	8.2	0.0	2.3	0.0
497	122.7962	132.6066	39.8138	50	0.7957	350.286	440.234	440.2	0.0	350.3	0.0
498	122.7962	134.3982	41.6054	50	0.8922	1147.641	1286.338	1286.3	0.0	1147.6	0.0
499	122.7962	136.1898	42.9421	50	0.8222	552.425	671.854	671.9	0.0	552.4	0.0
500	122.7962	137.9815	44.7338	50	0.8856	1549.518	1749.703	1749.7	0.0	1549.5	0.0
501	124.1627	94.9828	nicht berechnet								
502	124.1627	96.7744	nicht berechnet								
503	124.1627	98.5660	3.0832	54	0.0993	21.628	217.884	217.9	0.0	21.6	0.0
504	124.1627	100.3576	4.4369	50	0.0263	6.208	236.422	236.4	0.0	6.2	0.0
505	124.1627	102.1492	6.1722	50	0.0041	1.484	358.463	358.5	0.0	1.5	0.0
506	124.1627	103.9408	7.5089	50	0.0001	0.000	215.100	215.1	0.0	0.0	0.0
507	124.1627	105.7325	nicht berechnet								
508	124.1627	107.5241	11.0921	50	0.0001	0.000	385.647	385.6	0.0	0.0	0.0
509	124.1627	109.3157	12.8837	50	0.0001	0.000	482.564	482.6	0.0	0.0	0.0
510	124.1627	111.1073	14.2204	50	0.0001	0.000	85.196	85.2	0.0	0.0	0.0
511	124.1627	112.8989	25.5648	50	0.2903	1.955	6.734	6.7	0.0	2.0	0.0
512	124.1627	114.6905	26.4467	50	0.8233	23.930	29.064	29.1	0.0	23.9	0.0
513	124.1627	116.4821	27.7834	50	0.2513	1.136	4.521	4.5	0.0	1.1	0.0
514	124.1627	118.2737	29.1201	50	0.7620	21.627	28.383	28.4	0.0	21.6	0.0
515	124.1627	120.0653	30.4568	50	0.1401	0.321	2.294	2.3	0.0	0.3	0.0
516	124.1627	121.8570	31.7935	50	0.8438	43.393	51.427	51.4	0.0	43.4	0.0
517	124.1627	123.6486	33.5851	50	0.7963	33.997	42.693	42.7	0.0	34.0	0.0
518	124.1627	125.4402	34.4670	50	0.6501	25.756	39.621	39.6	0.0	25.8	0.0
519	124.1627	127.2318	36.2586	50	0.7244	53.788	74.252	74.3	0.0	53.8	0.0
520	124.1627	129.0234	37.5953	50	0.8125	62.234	76.599	76.6	0.0	62.2	0.0
521	124.1627	130.8150	38.9320	50	0.6391	31.038	48.566	48.6	0.0	31.0	0.0
522	124.1627	132.6066	40.2687	50	0.2658	2.130	8.013	8.0	0.0	2.1	0.0
523	124.1627	134.3982	42.0603	50	0.7987	369.931	463.186	463.2	0.0	369.9	0.0
524	124.1627	136.1898	43.3970	50	0.5383	22.629	42.042	42.0	0.0	22.6	0.0
525	124.1627	137.9815	45.1887	50	0.8342	600.523	719.899	719.9	0.0	600.5	0.0
526	125.5292	94.9828	nicht berechnet								
527	125.5292	96.7744	nicht berechnet								
528	125.5292	98.5660	2.4149	54	0.0624	4.256	68.234	68.2	0.0	4.3	0.0
529	125.5292	100.3576	4.0131	50	0.0039	0.396	102.230	102.2	0.0	4.0	0.0
530	125.5292	102.1492	5.2624	50	0.0001	0.000	19.197	19.2	0.0	0.0	0.0
531	125.5292	103.9408	nicht berechnet								
532	125.5292	105.7325	nicht berechnet								
533	125.5292	107.5241	nicht berechnet								
534	125.5292	109.3157	12.4288	50	0.0001	0.000	69.619	69.6	0.0	0.0	0.0
535	125.5292	111.1073	14.2204	50	0.0001	0.000	85.196	85.2	0.0	0.0	0.0
536	125.5292	112.8989	16.0120	50	0.0001	0.000	101.788	101.8	0.0	0.0	0.0

P 33.3184 S6 2. Baustufe
 Böschungsbruchberechnung rolliger Boden, Stützbereich max H = 3,7 m

537	125.5292	114.6905	27.3565	50	0.1275	0.282	2.211	2.2	0.0	0.3	0.0
538	125.5292	116.4821	29.1481	50	0.2049	0.891	4.351	4.4	0.0	0.9	0.0
539	125.5292	118.2737	30.0299	50	0.4444	4.711	10.601	10.6	0.0	4.7	0.0
540	125.5292	120.0653	31.3666	50	0.7980	27.810	34.851	34.9	0.0	27.8	0.0
541	125.5292	121.8570	32.7033	50	0.2364	1.094	4.626	4.6	0.0	1.1	0.0
542	125.5292	123.6486	34.0400	50	0.8354	45.437	54.387	54.4	0.0	45.4	0.0
543	125.5292	125.4402	35.8316	50	0.7923	40.320	50.890	50.9	0.0	40.3	0.0
544	125.5292	127.2318	36.7135	50	0.6424	25.949	40.394	40.4	0.0	25.9	0.0
545	125.5292	129.0234	38.5051	50	0.7132	55.421	77.707	77.7	0.0	55.4	0.0
546	125.5292	130.8150	39.8418	50	0.8045	62.929	78.219	78.2	0.0	62.9	0.0
547	125.5292	132.6066	41.1785	50	0.6372	31.902	50.062	50.1	0.0	31.9	0.0
548	125.5292	134.3982	42.5152	50	0.2520	1.953	7.753	7.8	0.0	2.0	0.0
549	125.5292	136.1898	44.3068	50	0.8002	387.819	484.626	484.6	0.0	387.8	0.0
550	125.5292	137.9815	45.6435	50	0.5496	25.071	45.614	45.6	0.0	25.1	0.0
551	126.8957	94.9828	nicht berechnet								
552	126.8957	96.7744	nicht berechnet								
553	126.8957	98.5660	nicht berechnet								
554	126.8957	100.3576	nicht berechnet								
555	126.8957	102.1492	5.2624	50	0.0001	0.000	19.197	19.2	0.0	0.0	0.0
556	126.8957	103.9408	nicht berechnet								
557	126.8957	105.7325	nicht berechnet								
558	126.8957	107.5241	nicht berechnet								
559	126.8957	109.3157	nicht berechnet								
560	126.8957	111.1073	nicht berechnet								
561	126.8957	112.8989	27.8393	50	0.2795	2.800	10.019	10.0	0.0	2.8	0.0
562	126.8957	114.6905	nicht berechnet								
563	126.8957	116.4821	29.6030	50	0.4744	5.714	12.046	12.0	0.0	5.7	0.0
564	126.8957	118.2737	31.3946	50	0.5993	11.526	19.230	19.2	0.0	11.5	0.0
565	126.8957	120.0653	33.1862	50	0.6528	15.809	24.218	24.2	0.0	15.8	0.0
566	126.8957	121.8570	33.6131	50	0.8222	33.879	41.205	41.2	0.0	33.9	0.0
567	126.8957	123.6486	34.9498	50	0.3050	2.118	6.945	6.9	0.0	2.1	0.0
568	126.8957	125.4402	36.2865	50	0.8268	47.173	57.053	57.1	0.0	47.2	0.0
569	126.8957	127.2318	37.6233	50	0.8148	62.906	77.207	77.2	0.0	62.9	0.0
570	126.8957	129.0234	38.9600	50	0.6339	25.956	40.945	40.9	0.0	26.0	0.0
571	126.8957	130.8150	40.7516	50	0.7019	56.578	80.604	80.6	0.0	56.6	0.0
572	126.8957	132.6066	42.0883	50	0.7963	63.348	79.552	79.6	0.0	63.3	0.0
573	126.8957	134.3982	43.4250	50	0.6344	32.548	51.307	51.3	0.0	32.5	0.0
574	126.8957	136.1898	44.7617	50	0.2439	1.994	8.177	8.2	0.0	2.0	0.0
575	126.8957	137.9815	46.5533	50	0.8011	404.752	505.223	505.2	0.0	404.8	0.0

Ungünstigster Gleitkreis

Nr	xm	ym	Radius	Lamellen	mue	Zähler	Nenner	M(Ti)	M(R)	M(Gi)	M(S)
[-]	[m]	[m]	[m]	[-]	[-]	[kN*m/m]	[kN*m/m]	[kN*m/m]	[kN*m/m]	[kN*m/m]	[kN*m/m]
157	105.0319	105.7325	8.3907	50	0.9997	513.182	513.359	513.4	0.0	513.2	0.0