

Pos. B550 Setzung
UNTERGRUNDPROFILE

Nr.	Bezeichnung	x-Koord. (m)	y-Koord. (m)	GOK (m)	Kote (m)	GW-vor (m)	GW-nach (m)
1	B1	5.00	5.00	.00	6.00 Kies 15.00 Ton	4.50	4.50
2	B2	30.00	5.00	1.00	5.00 Kies 15.00 Ton	4.50	4.50
3	B3	65.00	5.00	2.00	4.50 Kies 15.00 Ton	4.50	4.50
4	B4	30.00	25.00	1.00	5.00 Kies 15.00 Ton	4.50	4.50
5	B5	5.00	45.00	.00	6.00 Kies 15.00 Ton	4.50	4.50
6	B6	30.00	45.00	1.00	5.00 Kies 15.00 Ton	4.50	4.50
7	B7	65.00	45.00	2.00	4.50 Kies 15.00 Ton	4.50	4.50

BODENKENNWERTE

Schichtbezeichnung	Gamma (kN/m ³)	Gamma-b (kN/m ³)	Es1 (kN/m ²)	Es2 (kN/m ²)
1 Kies	18.00	11.20	100000.0	100000.0
2 Ton	19.30	10.20		

KOMPRESSIIONSKURVEN

Bodenschicht: 2 Ton

Belastungskurve

sig (kN/m ²)	Eps (%)
.00	.00
100.00	4.00
300.00	6.00
500.00	8.00

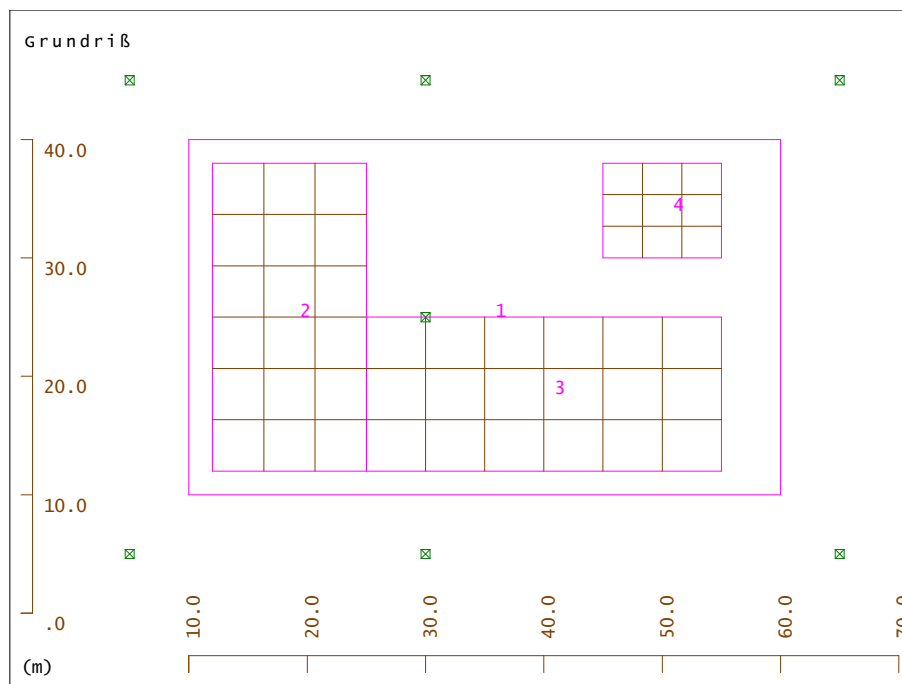
Ent- und wiederbelastung

Sig (kN/m ²)	Eps (%)
.00	.00
100.00	2.00
300.00	3.00
500.00	4.00

LASTFLÄCHEN

Rechteck	Koordinaten (m)	Kote (m)	Teilung 1-2	Teilung 1-4
1	1 10.00 10.00	2.00	1	1
	2 60.00 10.00			
	3 60.00 40.00			
	4 10.00 40.00			
2	1 12.00 12.00	2.50	3	6
	2 25.00 12.00			
	3 25.00 38.00			
	4 12.00 38.00			
3	1 25.00 12.00	2.50	6	3
	2 55.00 12.00			
	3 55.00 25.00			
	4 25.00 25.00			
4	1 45.00 30.00	3.00	3	3
	2 55.00 30.00			
	3 55.00 38.00			
	4 45.00 38.00			

UNTERGRUNDPROFILE UND LASTFLÄCHEN



LASTSCHRITTE

Lastschritt: 1 Baugrubenaushub
Belastungsart: Entlast.Eig

Rechteckige Lastfläche	Entlastung
1	ja
2	nein
3	nein
4	nein

Lastschritt: 2 Fundamentbelastung
Belastungsart: Vert.,horiz

Rechteckige Lastfläche	Belastung (kN/m ²)		entlang	seite
	vertikal	horizontal		
1	.00	.00		
2	91.00	.00		
3	91.00	.00		
4	182.00	.00		

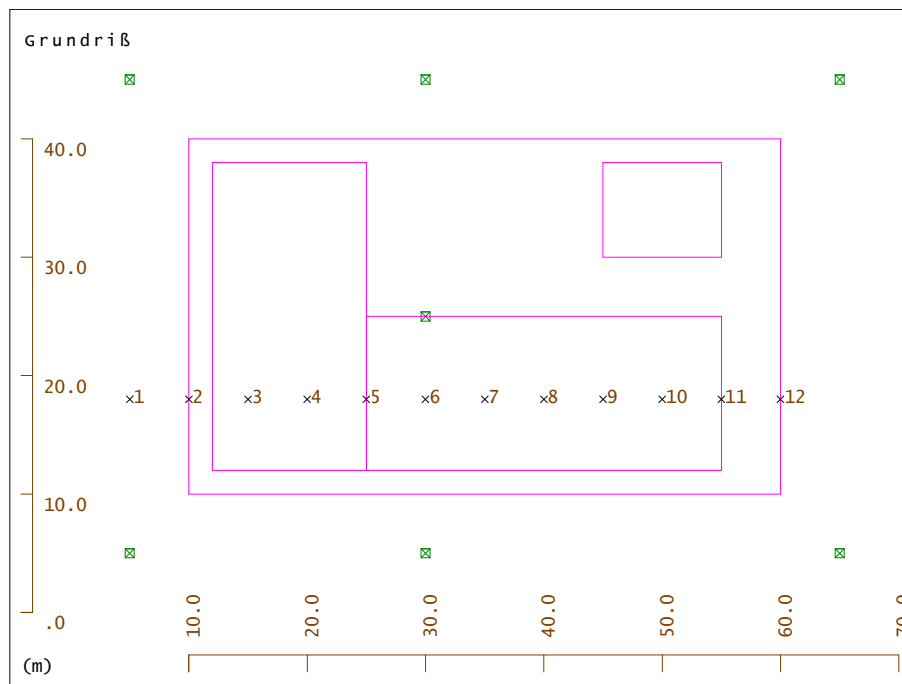
Lastschritt: 3 horiz. windbelastung
Belastungsart: Vert.,horiz

Rechteckige Lastfläche	Belastung (kN/m ²)		entlang	seite
	vertikal	horizontal		
1	.00	.00		
2	.00	10.00	1	2
3	.00	10.00	1	2
4	.00	5.00	1	2

ZUSÄTZLICHE BERECHNUNGSPUNKTE

Punkt- nummer	Koordinaten	
	x (m)	y (m)
1	5.00	18.00
2	10.00	18.00
3	15.00	18.00
4	20.00	18.00
5	25.00	18.00
6	30.00	18.00
7	35.00	18.00
8	40.00	18.00
9	45.00	18.00
10	50.00	18.00
11	55.00	18.00
12	60.00	18.00

ZUSÄTZLICHE BERECHNUNGSPUNKTE



GRENZSPANNUNGSVERHÄLTNIS, STREIFENBREITE

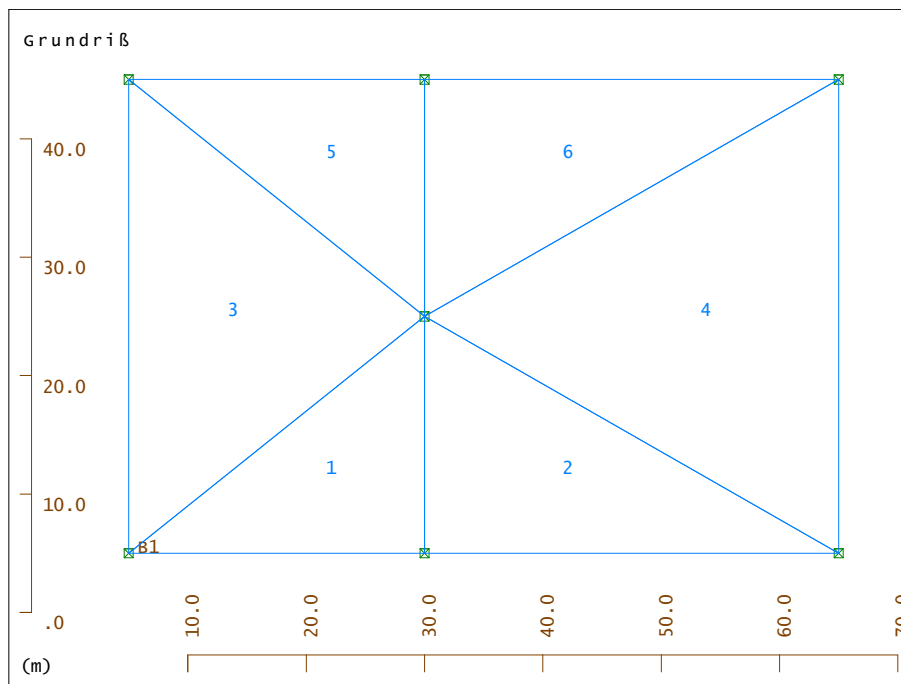
Spannungsverhältnis σ_2/σ_1 : 1.00
 Maximale Streifenbreite (m): .50

DREIECKSNETZ UND UNTERGRUNDPROFILE

Dreieck	Profilnummern		
1	1	2	4 H
2	2	3	4 H
3	1	4	5 H
4	3	4	7 H
5	4	5	6 H
6	4	6	7 H

H) Dreieck wurde händisch vorgegeben.

DREIECKSNETZ UND UNTERGRUNDPROFILE



SETZUNGEN IN DEN RASTERPUNKTEN DER LASTFLÄCHEN

Rechteckige Lastfläche: 1

Rasterpunkt		Lastschritt	Teilsetzung (cm)	Gesamtsetzung (cm)
x (m)	y (m)			
10.00	10.00	1	.00	.00
		2	.81	.81
		3	.00	.81
10.00	40.00	1	.00	.00
		2	.77	.77
		3	.00	.77
60.00	10.00	1	.00	.00
		2	.52	.52
		3	.00	.52
60.00	40.00	1	.00	.00
		2	.82	.82
		3	.00	.82

Rechteckige Lastfläche: 2

Rasterpunkt		Lastschritt	Teilsetzung (cm)	Gesamtsetzung (cm)
x (m)	y (m)			
12.00	12.00	1	.00	.00
		2	2.15	2.15
		3	-.15	1.99
12.00	16.33	1	.00	.00
		2	3.45	3.45
		3	-.15	3.29
12.00	20.67	1	.00	.00

		2	3.85	3.85
		3	-.15	3.70
12.00	25.00	1	.00	.00
		2	3.92	3.92
		3	-.15	3.77
12.00	29.33	1	.00	.00
		2	3.80	3.80
		3	-.12	3.69
12.00	33.67	1	.00	.00
		2	3.37	3.37
		3	-.12	3.25
12.00	38.00	1	.00	.00
		2	2.07	2.07
		3	-.12	1.95
16.33	12.00	1	.00	.00
		2	3.79	3.79
		3	-.10	3.69
16.33	16.33	1	.00	.00
		2	6.13	6.13
		3	-.10	6.03
16.33	20.67	1	.00	.00
		2	6.76	6.76
		3	-.10	6.66
16.33	25.00	1	.00	.00
		2	6.81	6.81
		3	-.10	6.72
16.33	29.33	1	.00	.00
		2	6.59	6.59
		3	-.04	6.55
16.33	33.67	1	.00	.00
		2	5.89	5.89
		3	-.04	5.85
16.33	38.00	1	.00	.00
		2	3.59	3.59
		3	-.04	3.55
20.67	12.00	1	.00	.00
		2	4.64	4.64
		3	-.06	4.58
20.67	16.33	1	.00	.00
		2	7.29	7.29
		3	-.06	7.23
20.67	20.67	1	.00	.00
		2	7.93	7.93
		3	-.06	7.86
20.67	25.00	1	.00	.00
		2	7.76	7.76
		3	-.06	7.70
20.67	29.33	1	.00	.00
		2	7.29	7.29
		3	.08	7.37
20.67	33.67	1	.00	.00
		2	6.46	6.46
		3	.07	6.53
20.67	38.00	1	.00	.00
		2	4.02	4.02
		3	.07	4.10
25.00	12.00	1	.00	.00
		2	5.27	5.27
		3	-.03	5.24
25.00	16.33	1	.00	.00
		2	8.00	8.00

		3	-.03	7.97
25.00	20.67	1	.00	.00
		2	8.43	8.43
		3	-.03	8.40
25.00	25.00	1	.00	.00
		2	7.24	7.24
		3	-.03	7.21
25.00	29.33	1	.00	.00
		2	5.77	5.77
		3	.24	6.01
25.00	33.67	1	.00	.00
		2	4.88	4.88
		3	.23	5.11
25.00	38.00	1	.00	.00
		2	2.88	2.88
		3	.36	3.25

Rechteckige Lastfläche: 3

Rasterpunkt		Lastschritt	Teilsetzung (cm)	Gesamtsetzung (cm)
x (m)	y (m)			
25.00	12.00	1	.00	.00
		2	5.27	5.27
		3	-.03	5.24
25.00	16.33	1	.00	.00
		2	8.00	8.00
		3	-.03	7.97
25.00	20.67	1	.00	.00
		2	8.43	8.43
		3	-.03	8.40
25.00	25.00	1	.00	.00
		2	7.24	7.24
		3	-.03	7.21
30.00	12.00	1	.00	.00
		2	5.95	5.95
		3	-.03	5.93
30.00	16.33	1	.00	.00
		2	8.74	8.74
		3	-.03	8.71
30.00	20.67	1	.00	.00
		2	8.90	8.90
		3	-.03	8.87
30.00	25.00	1	.00	.00
		2	6.56	6.56
		3	-.04	6.52
35.00	12.00	1	.00	.00
		2	6.34	6.34
		3	-.02	6.32
35.00	16.33	1	.00	.00
		2	9.15	9.15
		3	-.01	9.14
35.00	20.67	1	.00	.00
		2	9.23	9.23
		3	-.01	9.22
35.00	25.00	1	.00	.00
		2	6.63	6.63
		3	-.02	6.61
40.00	12.00	1	.00	.00
		2	6.69	6.69
		3	.04	6.73

40.00	16.33	1	.00	.00
		2	9.59	9.59
		3	.04	9.63
40.00	20.67	1	.00	.00
		2	9.70	9.70
		3	.04	9.74
40.00	25.00	1	.00	.00
		2	7.10	7.10
		3	.04	7.15
45.00	12.00	1	.00	.00
		2	6.97	6.97
		3	.16	7.13
45.00	16.33	1	.00	.00
		2	9.99	9.99
		3	.13	10.11
45.00	20.67	1	.00	.00
		2	10.18	10.18
		3	.13	10.31
45.00	25.00	1	.00	.00
		2	7.88	7.88
		3	.16	8.04
50.00	12.00	1	.00	.00
		2	6.90	6.90
		3	.32	7.22
50.00	16.33	1	.00	.00
		2	9.94	9.94
		3	.22	10.16
50.00	20.67	1	.00	.00
		2	10.19	10.19
		3	.22	10.41
50.00	25.00	1	.00	.00
		2	8.17	8.17
		3	.32	8.49
55.00	12.00	1	.00	.00
		2	3.97	3.97
		3	.66	4.63
55.00	16.33	1	.00	.00
		2	7.00	7.00
		3	.52	7.52
55.00	20.67	1	.00	.00
		2	7.19	7.19
		3	.52	7.71
55.00	25.00	1	.00	.00
		2	4.92	4.92
		3	.63	5.56

Rechteckige Lastfläche: 4

Rasterpunkt		Lastschritt	Teilsetzung (cm)	Gesamtsetzung (cm)
x (m)	y (m)			
45.00	30.00	1	.00	.00
		2	7.73	7.73
		3	-.07	7.66
45.00	32.67	1	.00	.00
		2	9.22	9.22
		3	-.05	9.17
45.00	35.33	1	.00	.00
		2	8.92	8.92
		3	-.05	8.87
45.00	38.00	1	.00	.00

		2	6.67	6.67
		3	-.07	6.60
48.33	30.00	1	.00	.00
		2	10.40	10.40
		3	-.01	10.39
48.33	32.67	1	.00	.00
		2	13.15	13.15
		3	-.01	13.14
48.33	35.33	1	.00	.00
		2	12.88	12.88
		3	-.01	12.87
48.33	38.00	1	.00	.00
		2	9.38	9.38
		3	-.01	9.37
51.67	30.00	1	.00	.00
		2	10.61	10.61
		3	.05	10.66
51.67	32.67	1	.00	.00
		2	13.47	13.47
		3	.05	13.53
51.67	35.33	1	.00	.00
		2	13.23	13.23
		3	.05	13.28
51.67	38.00	1	.00	.00
		2	9.73	9.73
		3	.05	9.78
55.00	30.00	1	.00	.00
		2	7.93	7.93
		3	.20	8.13
55.00	32.67	1	.00	.00
		2	10.03	10.03
		3	.13	10.16
55.00	35.33	1	.00	.00
		2	9.85	9.85
		3	.13	9.98
55.00	38.00	1	.00	.00
		2	7.36	7.36
		3	.19	7.55

SETZUNGEN IN DEN KENNZEICHNENDEN PUNKTEN DER LASTFLÄCHE

Rechteckige Lastfläche: 1

Kennzeichn. Punkt x (m) y (m)	Lastschritt	Teilsetzung (cm)	Gesamtsetzung (cm)
16.50	13.90	1	.00
		2	5.20
		3	-.10
16.50	36.10	1	.00
		2	4.96
		3	-.04
53.50	13.90	1	.00
		2	8.03
		3	.30
53.50	36.10	1	.00
		2	11.56
		3	.09

Rechteckige Lastfläche: 2

Kennzeichn. Punkt		Lastschritt	Teilsetzung (cm)	Gesamtsetzung (cm)
x (m)	y (m)			
13.69	15.38	1	.00	.00
		2	4.53	4.53
		3	-.13	4.40
13.69	34.62	1	.00	.00
		2	4.41	4.41
		3	-.09	4.32
23.31	15.38	1	.00	.00
		2	7.39	7.39
		3	-.05	7.35
23.31	34.62	1	.00	.00
		2	5.57	5.57
		3	.17	5.74

Rechteckige Lastfläche: 3

Kennzeichn. Punkt		Lastschritt	Teilsetzung (cm)	Gesamtsetzung (cm)
x (m)	y (m)			
28.90	13.69	1	.00	.00
		2	7.30	7.30
		3	-.03	7.28
28.90	23.31	1	.00	.00
		2	7.82	7.82
		3	-.03	7.80
51.10	13.69	1	.00	.00
		2	8.62	8.62
		3	.25	8.87
51.10	23.31	1	.00	.00
		2	9.34	9.34
		3	.25	9.58

Rechteckige Lastfläche: 4

Kennzeichn. Punkt		Lastschritt	Teilsetzung (cm)	Gesamtsetzung (cm)
x (m)	y (m)			
46.30	31.04	1	.00	.00
		2	10.45	10.45
		3	-.03	10.41
46.30	36.96	1	.00	.00
		2	9.73	9.73
		3	-.03	9.70
53.70	31.04	1	.00	.00
		2	11.01	11.01
		3	.10	11.10
53.70	36.96	1	.00	.00
		2	10.50	10.50
		3	.10	10.60

ZUSÄTZLICHE BERECHNUNGSPUNKTE

Berechn. punkt	Lastschritt	Kote (m)	Teilsetzung (cm)	Gesamtsetzung (cm)
1	1	2.25	.00	.00
	2	2.75	.53	.53
	3	2.75	-.07	.46
2	1	2.45	.00	.00
	2	2.95	2.12	2.12
	3	2.95	-.13	1.99
3	1	2.75	.00	.00
	2	2.75	5.86	5.86
	3	2.75	-.11	5.74
4	1	2.75	.00	.00
	2	2.75	7.54	7.54
	3	2.75	-.06	7.48
5	1	2.75	.00	.00
	2	2.75	8.35	8.35
	3	2.75	-.03	8.32
6	1	2.75	.00	.00
	2	2.75	9.03	9.03
	3	2.75	-.03	9.01
7	1	2.75	.00	.00
	2	2.75	9.43	9.43
	3	2.75	-.01	9.42
8	1	2.75	.00	.00
	2	2.75	9.87	9.87
	3	2.75	.04	9.91
9	1	2.75	.00	.00
	2	2.75	10.28	10.28
	3	2.75	.13	10.41
10	1	2.75	.00	.00
	2	2.75	10.23	10.23
	3	2.75	.22	10.45
11	1	2.25	.00	.00
	2	2.75	7.23	7.23
	3	2.75	.52	7.74
12	1	2.11	.00	.00
	2	2.61	1.14	1.14
	3	2.61	.32	1.45

MITTLERE SETZUNGEN, KANTUNGEN

Rechteck. Lastfläche	Lastschritt	mittler Setzung (cm)	Kantung Seite 1-2	Kantung Seite 1-4
1	1	.00	1: .000000	1: .000000
	2	.73	1:-.000058	1:-.000014
	3	.73	1:-.000058	1:-.000014
2	1	.00	1: .000000	1: .000000
	2	5.91	1: .002400	1:-.000027
	3	5.88	1: .002495	1:-.000015
3	1	.00	1: .000000	1: .000000
	2	8.38	1:-.000432	1: .001519
	3	8.49	1:-.000203	1: .001519
4	1	.00	1: .000000	1: .000000
	2	11.03	1: .000207	1:-.001319
	3	11.06	1: .000471	1:-.001319

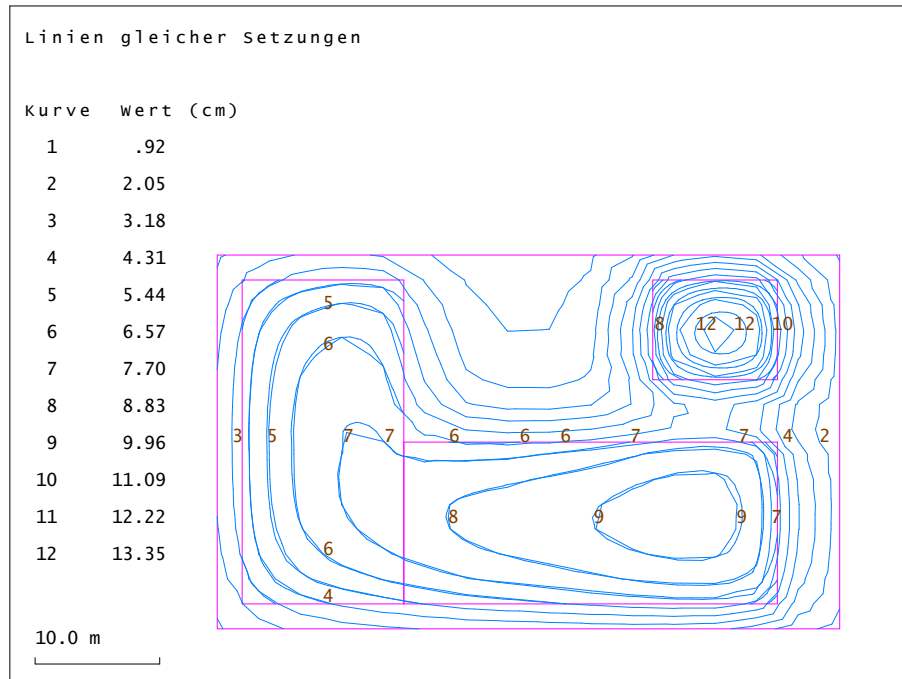
LINIEN GLEICHER SETZUNGEN

Gesamtsetzungen im Lastschritt

Nummer des Lastschrittes: 3

Anzahl der Linien: 12

Nummern rechteck.Lastflächen: 1 2 3 4



VERTIKALSCHNITTE ENTLANG ZUSÄTZLICHER BERECHNUNGSPUNKTE

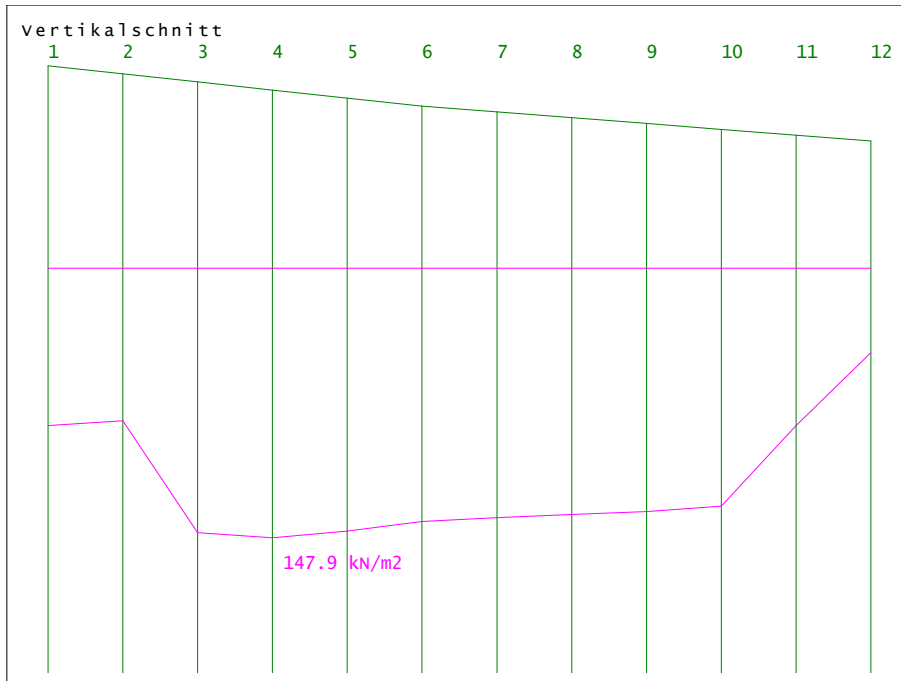
Nummer des Lastschrittes: 3

Tiefe des Schnittes (m): 5.00

Gesamtspannungen im Lastschritt

Nummern der zusätzlichen Berechnungspunkte:

1 2 3 4 5 6 7 8 9 10
11 12



Pos. B550a Setzung
UNTERGRUNDPROFILE

Nr.	Bezeichnung	x-Koord. (m)	y-Koord. (m)	GOK (m)	Kote (m)	GW-vor (m)	GW-nach (m)
1	B1	5.00	5.00	.00	8.00 Sand 20.00 Ton	5.00	5.00
2	B2	60.00	5.00	.00	8.00 Sand 20.00 Ton	5.00	5.00
3	B3	5.00	45.00	.00	8.00 Sand 20.00 Ton	5.00	5.00
4	B4	60.00	45.00	.00	8.00 Sand 20.00 Ton	5.00	5.00

BODENKENNWERTE

Schichtbezeichnung	Gamma (kN/m ³)	Gamma-b (kN/m ³)	Es1 (kN/m ²)	Es2 (kN/m ²)
1 Sand	18.00	11.20	110000.0	110000.0
2 Ton	17.50	10.20		

KOMPRESSIIONSKURVEN

Bodenschicht: 2 Ton

Belastungskurve

Sig (kN/m ²)	Eps (%)
.00	.00
100.00	4.00
300.00	8.00
500.00	10.00

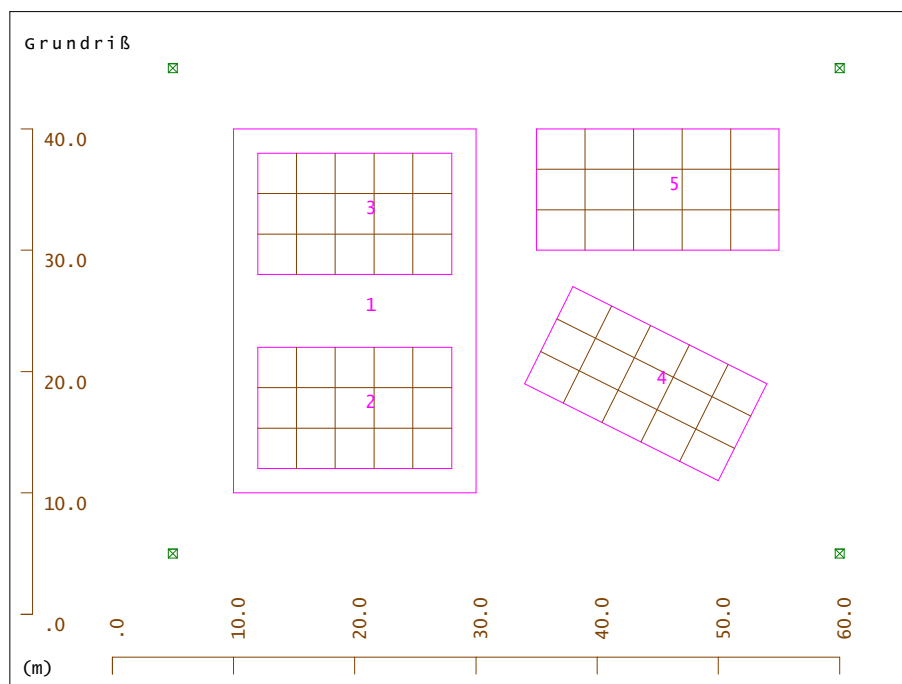
Ent- und wiederbelastung

Sig (kN/m ²)	Eps (%)
.00	.00
100.00	2.00
300.00	3.50
500.00	4.50

LASTFLÄCHEN

Rechteck		Koordinaten (m)		Kote (m)	Teilung 1-2	Teilung 1-4
1	1	10.00	10.00	3.00	1	1
	2	30.00	10.00			
	3	30.00	40.00			
	4	10.00	40.00			
2	1	12.00	12.00	3.00	5	3
	2	28.00	12.00			
	3	28.00	22.00			
	4	12.00	22.00			
3	1	12.00	28.00	3.00	5	3
	2	28.00	28.00			
	3	28.00	38.00			
	4	12.00	38.00			
4	1	50.00	11.00	1.00	3	5
	2	54.00	19.00			
	3	38.00	27.00			
	4	34.00	19.00			
5	1	35.00	30.00	1.00	5	3
	2	55.00	30.00			
	3	55.00	40.00			
	4	35.00	40.00			

UNTERGRUNDPROFILE UND LASTFLÄCHEN



LASTSCHRITTE

Lastschritt: 1 vorh. Fundamente
Belastungsart: Vert.,horiz

Rechteckige Lastfläche	Belastung (kN/m ²)		entlang Seite
	vertikal	horizontal	
1	.00	.00	
2	.00	.00	
3	.00	.00	
4	132.00	.00	
5	102.00	.00	

Lastschritt: 2 Baugrubenaushub
Belastungsart: Entlast.Eig

Rechteckige Lastfläche	Entlastung
1	ja
2	nein
3	nein
4	nein
5	nein

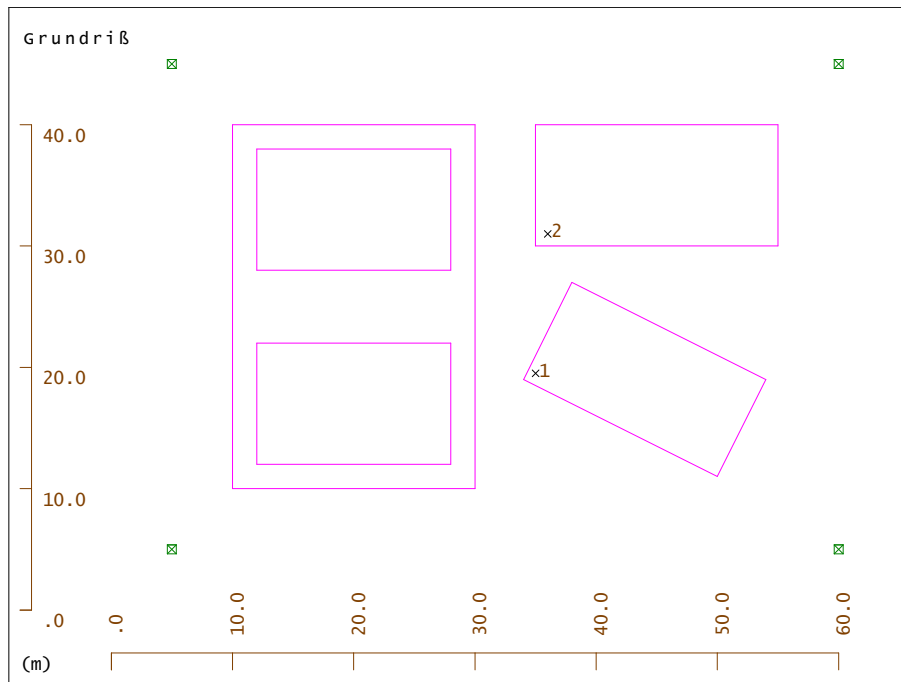
Lastschritt: 3 neue Fundamente
Belastungsart: Vert.,horiz

Rechteckige Lastfläche	Belastung (kN/m ²)		entlang Seite
	vertikal	horizontal	
1	.00	.00	
2	200.00	.00	
3	200.00	.00	
4	.00	.00	
5	.00	.00	

ZUSÄTZLICHE BERECHNUNGSPUNKTE

Punkt- nummer	Koordinaten	
	x (m)	y (m)
1	35.00	19.50
2	36.00	31.00

ZUSÄTZLICHE BERECHNUNGSPUNKTE



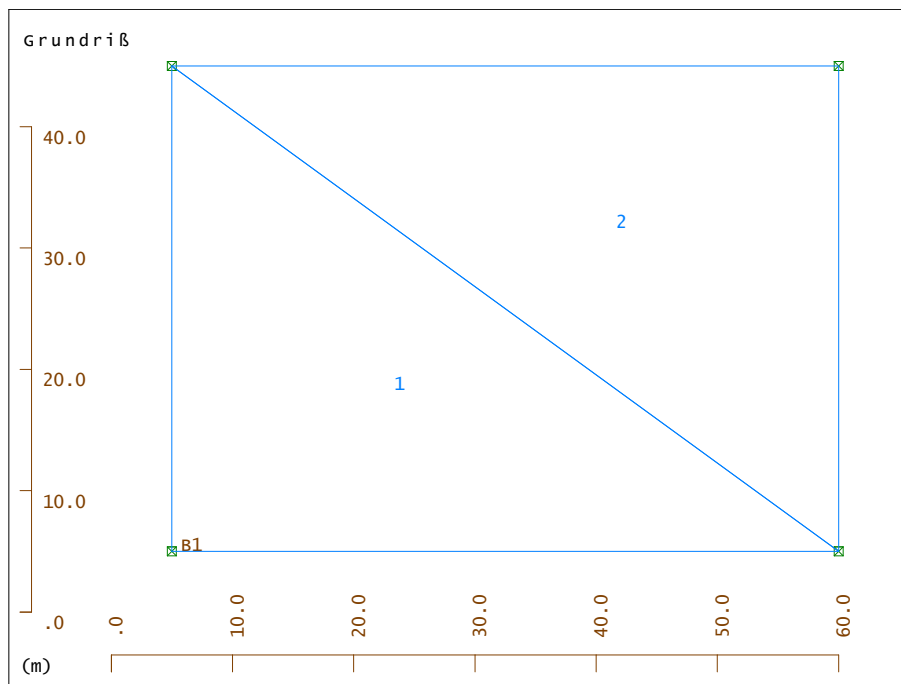
GRENZSPANNUNGSVERHÄLTNIS, STREIFENBREITE

Spannungsverhältnis σ_2/σ_1 : 1.00
 Maximale Streifenbreite (m): .50

DREIECKSNETZ UND UNTERGRUNDPROFILE

Dreieck	Profilnummern		
1	1	2	3
2	2	3	4

DREIECKSNETZ UND UNTERGRUNDPROFILE



SETZUNGEN IN DEN RASTERPUNKTEN DER LASTFLÄCHEN

Rechteckige Lastfläche: 1

Rasterpunkt		Lastschritt	Teilsetzung (cm)	Gesamtsetzung (cm)
x (m)	y (m)			
10.00	10.00	1	.00	.00
		2	.00	.00
		3	3.44	3.44
10.00	40.00	1	.00	.00
		2	.00	.00
		3	3.44	3.44
30.00	10.00	1	.00	.00
		2	.00	.00
		3	3.44	3.44
30.00	40.00	1	.00	.00
		2	.00	.00
		3	3.44	3.44

Rechteckige Lastfläche: 2

Rasterpunkt		Lastschritt	Teilsetzung (cm)	Gesamtsetzung (cm)
x (m)	y (m)			
12.00	12.00	1	.00	.00
		2	.00	.00
		3	6.70	6.70
12.00	15.33	1	.00	.00
		2	.00	.00
		3	9.57	9.57
12.00	18.67	1	.00	.00

		2	.00	.00
		3	9.97	9.97
12.00	22.00	1	.00	.00
		2	.00	.00
		3	8.10	8.10
15.20	12.00	1	.00	.00
		2	.00	.00
		3	9.94	9.94
15.20	15.33	1	.00	.00
		2	.00	.00
		3	14.55	14.55
15.20	18.67	1	.00	.00
		2	.00	.00
		3	15.11	15.11
15.20	22.00	1	.00	.00
		2	.00	.00
		3	11.96	11.96
18.40	12.00	1	.00	.00
		2	.00	.00
		3	11.52	11.52
18.40	15.33	1	.00	.00
		2	.00	.00
		3	16.85	16.85
18.40	18.67	1	.00	.00
		2	.00	.00
		3	17.49	17.49
18.40	22.00	1	.00	.00
		2	.00	.00
		3	13.91	13.91
21.60	12.00	1	.00	.00
		2	.00	.00
		3	11.52	11.52
21.60	15.33	1	.00	.00
		2	.00	.00
		3	16.83	16.83
21.60	18.67	1	.00	.00
		2	.00	.00
		3	17.48	17.48
21.60	22.00	1	.00	.00
		2	.00	.00
		3	13.89	13.89
24.80	12.00	1	.00	.00
		2	.00	.00
		3	9.92	9.92
24.80	15.33	1	.00	.00
		2	.00	.00
		3	14.52	14.52
24.80	18.67	1	.00	.00
		2	.00	.00
		3	15.06	15.06
24.80	22.00	1	.00	.00
		2	.00	.00
		3	11.90	11.90
28.00	12.00	1	.00	.00
		2	.00	.00
		3	6.69	6.69
28.00	15.33	1	.00	.00
		2	.00	.00
		3	9.53	9.53
28.00	18.67	1	.00	.00
		2	.00	.00

28.00	22.00	3	9.90	9.90
		1	.00	.00
		2	.00	.00
		3	8.03	8.03

Rechteckige Lastfläche: 3

Rasterpunkt		Lastschritt	Teilsetzung (cm)	Gesamtsetzung (cm)
x (m)	y (m)			
12.00	28.00	1	.00	.00
		2	.00	.00
		3	8.10	8.10
12.00	31.33	1	.00	.00
		2	.00	.00
		3	9.97	9.97
12.00	34.67	1	.00	.00
		2	.00	.00
		3	9.57	9.57
12.00	38.00	1	.00	.00
		2	.00	.00
		3	6.70	6.70
15.20	28.00	1	.00	.00
		2	.00	.00
		3	11.96	11.96
15.20	31.33	1	.00	.00
		2	.00	.00
		3	15.11	15.11
15.20	34.67	1	.00	.00
		2	.00	.00
		3	14.55	14.55
15.20	38.00	1	.00	.00
		2	.00	.00
		3	9.94	9.94
18.40	28.00	1	.00	.00
		2	.00	.00
		3	13.91	13.91
18.40	31.33	1	.00	.00
		2	.00	.00
		3	17.49	17.49
18.40	34.67	1	.00	.00
		2	.00	.00
		3	16.84	16.84
18.40	38.00	1	.00	.00
		2	.00	.00
		3	11.52	11.52
21.60	28.00	1	.00	.00
		2	.00	.00
		3	13.89	13.89
21.60	31.33	1	.00	.00
		2	.00	.00
		3	17.47	17.47
21.60	34.67	1	.00	.00
		2	.00	.00
		3	16.83	16.83
21.60	38.00	1	.00	.00
		2	.00	.00
		3	11.51	11.51
24.80	28.00	1	.00	.00
		2	.00	.00
		3	11.90	11.90

24.80	31.33	1	.00	.00
		2	.00	.00
		3	15.05	15.05
24.80	34.67	1	.00	.00
		2	.00	.00
		3	14.51	14.51
24.80	38.00	1	.00	.00
		2	.00	.00
		3	9.91	9.91
28.00	28.00	1	.00	.00
		2	.00	.00
		3	8.03	8.03
28.00	31.33	1	.00	.00
		2	.00	.00
		3	9.90	9.90
28.00	34.67	1	.00	.00
		2	.00	.00
		3	9.51	9.51
28.00	38.00	1	.00	.00
		2	.00	.00
		3	6.69	6.69

Rechteckige Lastfläche: 4

Rasterpunkt x (m)	Rasterpunkt y (m)	Lastschritt	Teilsetzung (cm)	Gesamtsetzung (cm)
50.00	11.00	1	.00	.00
		2	.00	.00
		3	.17	.17
46.80	12.60	1	.00	.00
		2	.00	.00
		3	.28	.28
43.60	14.20	1	.00	.00
		2	.00	.00
		3	.47	.47
40.40	15.80	1	.00	.00
		2	.00	.00
		3	.84	.84
37.20	17.40	1	.00	.00
		2	.00	.00
		3	1.54	1.54
34.00	19.00	1	.00	.00
		2	.00	.00
		3	2.87	2.87
51.33	13.67	1	.00	.00
		2	.00	.00
		3	.16	.16
48.13	15.27	1	.00	.00
		2	.00	.00
		3	.25	.25
44.93	16.87	1	.00	.00
		2	.00	.00
		3	.42	.42
41.73	18.47	1	.00	.00
		2	.00	.00
		3	.71	.71
38.53	20.07	1	.00	.00
		2	.00	.00
		3	1.25	1.25
35.33	21.67	1	.00	.00

		2	.00	.00
		3	2.17	2.17
52.67	16.33	1	.00	.00
		2	.00	.00
		3	.14	.14
49.47	17.93	1	.00	.00
		2	.00	.00
		3	.22	.22
46.27	19.53	1	.00	.00
		2	.00	.00
		3	.36	.36
43.07	21.13	1	.00	.00
		2	.00	.00
		3	.60	.60
39.87	22.73	1	.00	.00
		2	.00	.00
		3	1.00	1.00
36.67	24.33	1	.00	.00
		2	.00	.00
		3	1.70	1.70
54.00	19.00	1	.00	.00
		2	.00	.00
		3	.13	.13
50.80	20.60	1	.00	.00
		2	.00	.00
		3	.19	.19
47.60	22.20	1	.00	.00
		2	.00	.00
		3	.31	.31
44.40	23.80	1	.00	.00
		2	.00	.00
		3	.49	.49
41.20	25.40	1	.00	.00
		2	.00	.00
		3	.81	.81
38.00	27.00	1	.00	.00
		2	.00	.00
		3	1.37	1.37

Rechteckige Lastfläche: 5

Rasterpunkt		Lastschritt	Teilsetzung (cm)	Gesamtsetzung (cm)
x (m)	y (m)			
35.00	30.00	1	.00	.00
		2	.00	.00
		3	2.35	2.35
35.00	33.33	1	.00	.00
		2	.00	.00
		3	2.30	2.30
35.00	36.67	1	.00	.00
		2	.00	.00
		3	1.97	1.97
35.00	40.00	1	.00	.00
		2	.00	.00
		3	1.48	1.48
39.00	30.00	1	.00	.00
		2	.00	.00
		3	1.15	1.15
39.00	33.33	1	.00	.00
		2	.00	.00

		3	1.09	1.09
39.00	36.67	1	.00	.00
		2	.00	.00
		3	.96	.96
39.00	40.00	1	.00	.00
		2	.00	.00
		3	.77	.77
43.00	30.00	1	.00	.00
		2	.00	.00
		3	.60	.60
43.00	33.33	1	.00	.00
		2	.00	.00
		3	.56	.56
43.00	36.67	1	.00	.00
		2	.00	.00
		3	.50	.50
43.00	40.00	1	.00	.00
		2	.00	.00
		3	.42	.42
47.00	30.00	1	.00	.00
		2	.00	.00
		3	.33	.33
47.00	33.33	1	.00	.00
		2	.00	.00
		3	.31	.31
47.00	36.67	1	.00	.00
		2	.00	.00
		3	.28	.28
47.00	40.00	1	.00	.00
		2	.00	.00
		3	.24	.24
51.00	30.00	1	.00	.00
		2	.00	.00
		3	.19	.19
51.00	33.33	1	.00	.00
		2	.00	.00
		3	.18	.18
51.00	36.67	1	.00	.00
		2	.00	.00
		3	.16	.16
51.00	40.00	1	.00	.00
		2	.00	.00
		3	.14	.14
55.00	30.00	1	.00	.00
		2	.00	.00
		3	.11	.11
55.00	33.33	1	.00	.00
		2	.00	.00
		3	.11	.11
55.00	36.67	1	.00	.00
		2	.00	.00
		3	.10	.10
55.00	40.00	1	.00	.00
		2	.00	.00
		3	.09	.09

SETZUNGEN IN DEN KENNZEICHNENDEN PUNKTEN DER LASTFLÄCHE

Rechteckige Lastfläche: 1

Kennzeichn. Punkt x (m)	y (m)	Lastschritt	Teilsetzung (cm)	Gesamtsetzung (cm)
12.60	13.90	1	.00	.00
		2	.00	.00
		3	9.62	9.62
12.60	36.10	1	.00	.00
		2	.00	.00
		3	9.62	9.62
27.40	13.90	1	.00	.00
		2	.00	.00
		3	9.59	9.59
27.40	36.10	1	.00	.00
		2	.00	.00
		3	9.58	9.58

Rechteckige Lastfläche: 2

Kennzeichn. Punkt x (m)	y (m)	Lastschritt	Teilsetzung (cm)	Gesamtsetzung (cm)
14.08	13.30	1	.00	.00
		2	.00	.00
		3	10.99	10.99
14.08	20.70	1	.00	.00
		2	.00	.00
		3	12.21	12.21
25.92	13.30	1	.00	.00
		2	.00	.00
		3	10.96	10.96
25.92	20.70	1	.00	.00
		2	.00	.00
		3	12.15	12.15

Rechteckige Lastfläche: 3

Kennzeichn. Punkt x (m)	y (m)	Lastschritt	Teilsetzung (cm)	Gesamtsetzung (cm)
14.08	29.30	1	.00	.00
		2	.00	.00
		3	12.21	12.21
14.08	36.70	1	.00	.00
		2	.00	.00
		3	10.98	10.98
25.92	29.30	1	.00	.00
		2	.00	.00
		3	12.14	12.14
25.92	36.70	1	.00	.00
		2	.00	.00
		3	10.95	10.95

Rechteckige Lastfläche: 4

Kennzeichn. Punkt x (m)	y (m)	Lastschritt	Teilsetzung (cm)	Gesamtsetzung (cm)
48.44	13.08	1	.00	.00
		2	.00	.00
		3	.22	.22
36.60	19.00	1	.00	.00
		2	.00	.00
		3	1.75	1.75
51.40	19.00	1	.00	.00
		2	.00	.00
		3	.18	.18
39.56	24.92	1	.00	.00
		2	.00	.00
		3	1.06	1.06

Rechteckige Lastfläche: 5

Kennzeichn. Punkt x (m)	y (m)	Lastschritt	Teilsetzung (cm)	Gesamtsetzung (cm)
37.60	31.30	1	.00	.00
		2	.00	.00
		3	1.46	1.46
37.60	38.70	1	.00	.00
		2	.00	.00
		3	1.07	1.07
52.40	31.30	1	.00	.00
		2	.00	.00
		3	.15	.15
52.40	38.70	1	.00	.00
		2	.00	.00
		3	.13	.13

ZUSÄTZLICHE BERECHNUNGSPUNKTE

Berechn. punkt	Lastschritt	Kote (m)	Teilsetzung (cm)	Gesamtsetzung (cm)
1	1	1.25	.00	.00
	2	3.25	.00	.00
	3	3.25	2.36	2.36
2	1	1.25	.00	.00
	2	3.25	.00	.00
	3	3.25	1.96	1.96

MITTLERE SETZUNGEN, KANTUNGEN

Rechteck. Lastfläche	Lastschritt	mittler Setzung (cm)	Kantung Seite 1-2	Kantung Seite 1-4
1	1	.00	1: .000000	1: .000000
	2	.00	1: .000000	1: .000000
	3	3.44	1: .000000	1: .000000
2	1	.00	1: .000000	1: .000000
	2	.00	1: .000000	1: .000000
	3	13.47	1: -.000008	1: .001402
3	1	.00	1: .000000	1: .000000
	2	.00	1: .000000	1: .000000

	3	13.46	1:-.000043	1:-.001402
4	1	.00	1: .000000	1: .000000
	2	.00	1: .000000	1: .000000
	3	.70	1:-.000047	1: .001509
5	1	.00	1: .000000	1: .000000
	2	.00	1: .000000	1: .000000
	3	.61	1:-.001119	1:-.000868

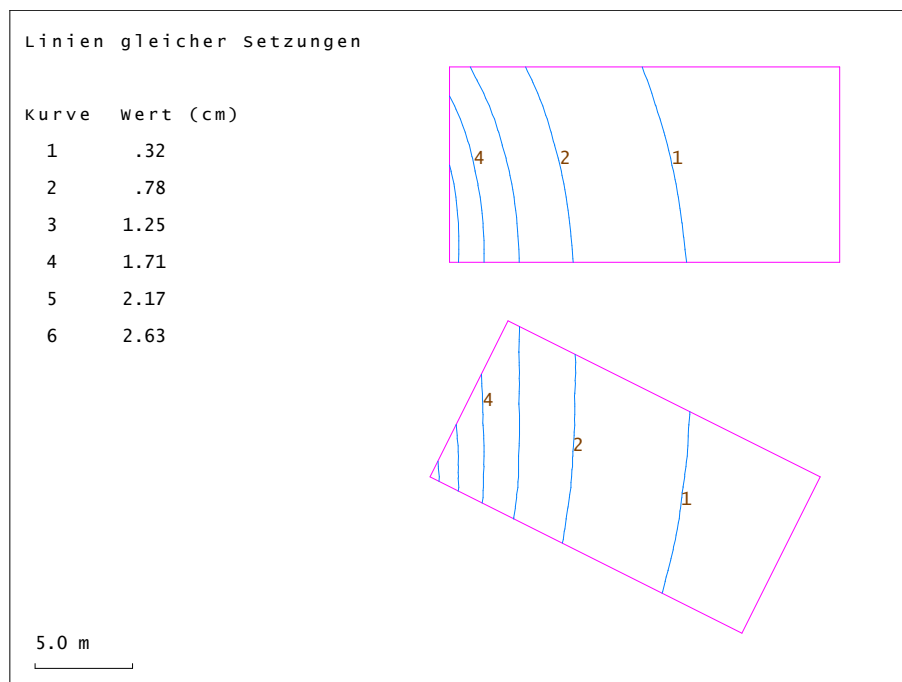
LINIEN GLEICHER SETZUNGEN

Gesamtsetzungen im Lastschritt

Nummer des Lastschrittes: 3

Anzahl der Linien: 6

Nummern rechteck.Lastflächen: 4 5



Pos. B550b Setzung
UNTERGRUNDPROFILE

Nr.	Bezeichnung	x-Koord. (m)	y-Koord. (m)	GOK (m)	Kote (m)	GW-vor (m)	GW-nach (m)
1	B1	.00	.00	4.00	8.00 Kies 15.00 Sand	7.00	7.50
2	B2	30.00	.00	.00	8.00 Kies 15.00 Sand	5.00	7.00
3	B3	.00	30.00	4.00	8.00 Kies 15.00 Sand	7.00	7.50
4	B4	30.00	30.00	.00	8.00 Kies 15.00 Sand	5.00	7.00

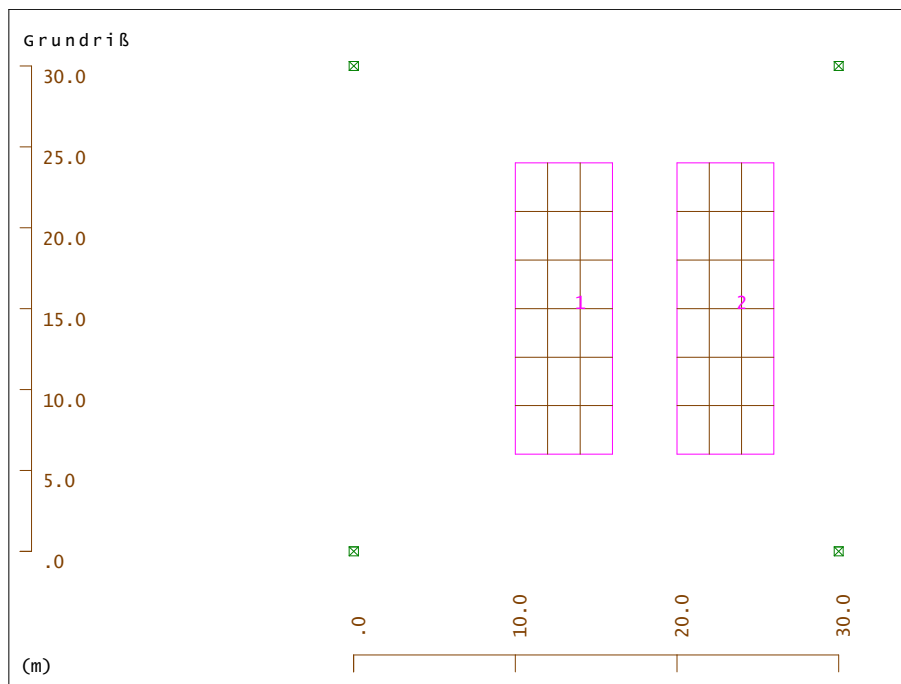
BODENKENNWERTE

Schichtbezeichnung	Gamma (kN/m ³)	Gamma-b (kN/m ³)	Es1 (kN/m ²)	Es2 (kN/m ²)
1 Kies	18.20	11.40	100000.0	100000.0
2 Sand	19.20	10.40	150000.0	150000.0

LASTFLÄCHEN

Rechteck	Koordinaten (m)	Kote (m)	Teilung 1-2	Teilung 1-4
1	1 10.00 6.00	3.50	3	6
	2 16.00 6.00			
	3 16.00 24.00			
	4 10.00 24.00			
2	1 20.00 6.00	2.00	3	6
	2 26.00 6.00			
	3 26.00 24.00			
	4 20.00 24.00			

UNTERGRUNDPROFILE UND LASTFLÄCHEN



LASTSCHRITTE

Lastschritt: 1 vorh. Fundamente
Belastungsart: Vert.,horiz

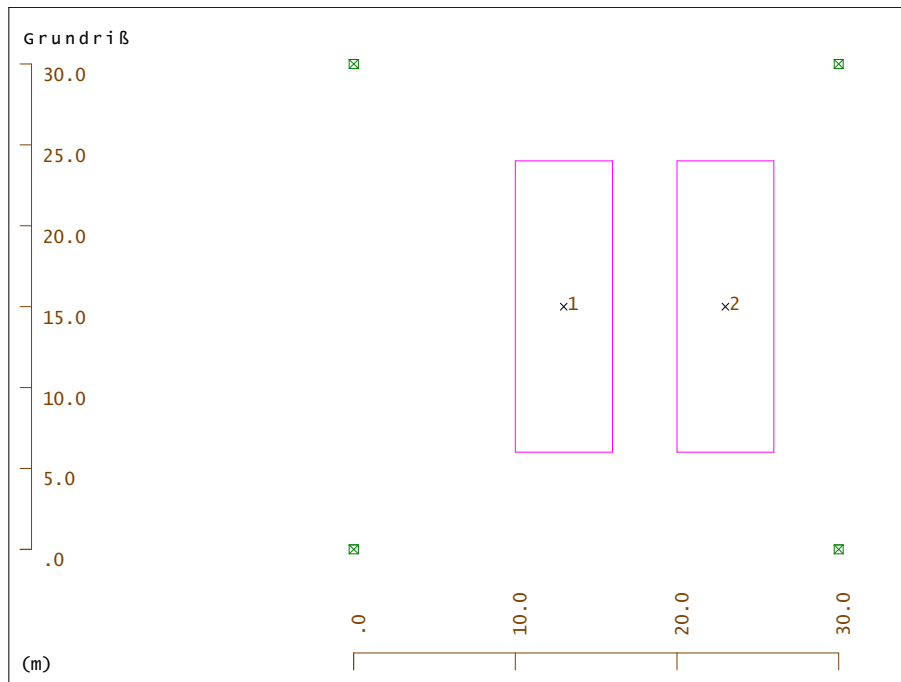
Rechteckige Lastfläche	Belastung (kN/m ²)		entlang seite
	vertikal	horizontal	
1	127.62	.00	
2	180.53	.00	

Lastschritt: 2 GW-Absenkung
Belastungsart: GW-Spiegel

ZUSÄTZLICHE BERECHNUNGSPUNKTE

Punkt- nummer	Koordinaten	
	x (m)	y (m)
1	13.00	15.00
2	23.00	15.00

ZUSÄTZLICHE BERECHNUNGSPUNKTE



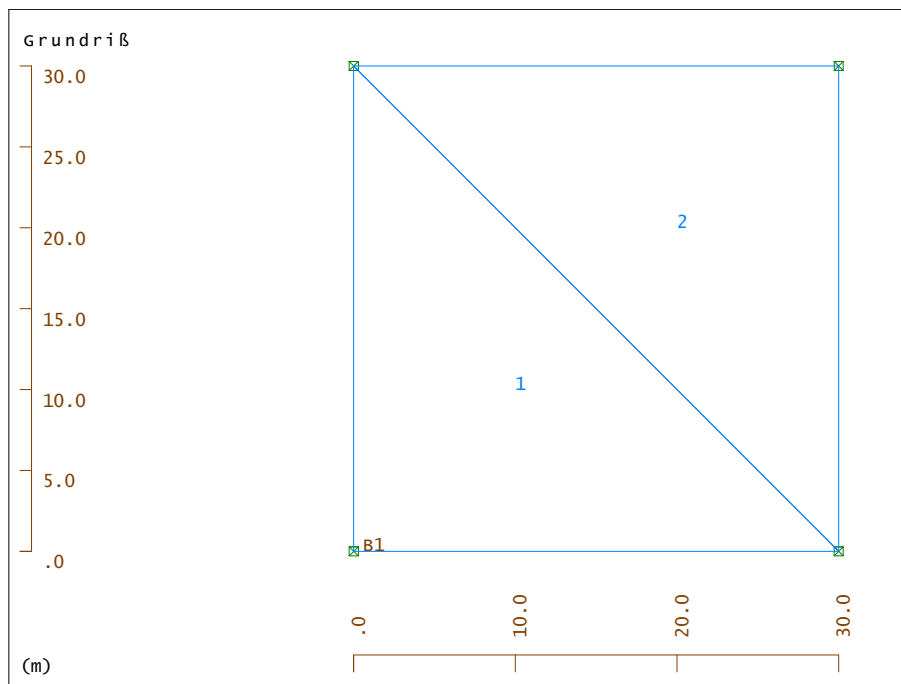
GRENZSPANNUNGSVERHÄLTNIS, STREIFENBREITE

Spannungsverhältnis σ_2/σ_1 : 1.00
 Maximale Streifenbreite (m): .50

DREIECKSNETZ UND UNTERGRUNDPROFILE

Dreieck	Profilnummern		
1	1	2	3
2	2	3	4

DREIECKSNETZ UND UNTERGRUNDPROFILE



SETZUNGEN IN DEN KENNZEICHNENDEN PUNKTEN DER LASTFLÄCHE

Rechteckige Lastfläche: 1

Kennzeichn. Punkt		Lastschritt	Teilsetzung (cm)	Gesamtsetzung (cm)
x (m)	y (m)			
10.78	8.34	1	.00	.00
		2	.05	.05
10.78	21.66	1	.00	.00
		2	.05	.05
15.22	8.34	1	.00	.00
		2	.07	.07
15.22	21.66	1	.00	.00
		2	.07	.07

Rechteckige Lastfläche: 2

Kennzeichn. Punkt		Lastschritt	Teilsetzung (cm)	Gesamtsetzung (cm)
x (m)	y (m)			
20.78	8.34	1	.00	.00
		2	.07	.07
20.78	21.66	1	.00	.00
		2	.07	.07
25.22	8.34	1	.00	.00
		2	.09	.09
25.22	21.66	1	.00	.00
		2	.09	.09

ZUSÄTZLICHE BERECHNUNGSPUNKTE

Berechnungspunkt: 1 Lastschritt: 1

Koordinaten (m) x 13.00 y 15.00 Kote GOK (m) 2.27

Streifen- kote (m)	Anfang-Spa (kN/m ²)	Teil-Spann (kN/m ²)	Gesamt-Spa (kN/m ²)	Teil-Set (cm)	Gesamt-Set (cm)
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2.52					
3.02					
3.38					
3.75	27.00	128.00	155.00	.00	.00
4.25	36.10	127.65	163.74	.00	.00
4.75	45.20	125.74	170.94	.00	.00
5.25	54.30	122.09	176.39	.00	.00
5.75	63.40	117.08	180.48	.00	.00
6.07	69.16	113.49	182.65	.00	.00
6.38	73.22	109.74	182.96	.00	.00
6.88	78.92	103.77	182.69	.00	.00
7.21	82.63	99.97	182.60	.00	.00
7.53	86.33	96.30	182.63	.00	.00
7.89	90.42	92.43	182.85	.00	.00
8.25	94.25	88.77	183.02	.00	.00
8.75	99.45	84.01	183.46	.00	.00
9.25	104.65	79.63	184.28	.00	.00
9.75	109.85	75.60	185.46	.00	.00
10.25	115.05	71.90	186.95	.00	.00
10.75	120.25	68.47	188.72	.00	.00
11.25	125.45	65.29	190.74	.00	.00
11.75	130.65	62.33	192.98	.00	.00
12.25	135.85	59.56	195.41	.00	.00
12.75	141.05	56.97	198.02	.00	.00
13.25	146.25	54.53	200.78	.00	.00
13.75	151.45	52.24	203.69	.00	.00
14.25	156.65	50.07	206.73	.00	.00
14.75	161.85	48.03	209.88	.00	.00

Berechnungspunkt: 1 Lastschritt: 2

Koordinaten (m) x 13.00 y 15.00 Kote GOK (m) 2.27

Streifen- kote (m)	Anfang-Spa (kN/m ²)	Teil-Spann (kN/m ²)	Gesamt-Spa (kN/m ²)	Teil-Set (cm)	Gesamt-Set (cm)
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2.52					
3.02					
3.38					
3.75	155.00	.00	155.00	.05	.05
4.25	163.74	.00	163.74	.05	.05
4.75	170.94	.00	170.94	.05	.05
5.25	176.39	.00	176.39	.05	.05
5.75	180.48	.00	180.48	.05	.05
6.07	182.65	.45	183.10	.05	.05
6.38	182.96	2.61	185.57	.05	.05
6.88	182.69	6.01	188.70	.05	.05
7.21	182.60	8.22	190.81	.05	.05
7.53	182.63	8.73	191.36	.05	.05
7.89	182.85	8.73	191.57	.04	.04
8.25	183.02	8.73	191.75	.04	.04

8.75	183.46	8.73	192.19	.04	.04
9.25	184.28	8.73	193.01	.03	.03
9.75	185.46	8.73	194.18	.03	.03
10.25	186.95	8.73	195.68	.03	.03
10.75	188.72	8.73	197.45	.03	.03
11.25	190.74	8.73	199.47	.02	.02
11.75	192.98	8.73	201.71	.02	.02
12.25	195.41	8.73	204.14	.02	.02
12.75	198.02	8.73	206.75	.01	.01
13.25	200.78	8.73	209.51	.01	.01
13.75	203.69	8.73	212.42	.01	.01
14.25	206.73	8.73	215.45	.01	.01
14.75	209.88	8.73	218.61	.00	.00

Berechnungspunkt: 2 Lastschritt: 1

Koordinaten (m) x 23.00 y 15.00 Kote GOK (m) .93

Streifen- kote (m)	Anfang-Spa (kN/m ²)	Teil-Spann (kN/m ²)	Gesamt-Spa (kN/m ²)	Teil-Set (cm)	Gesamt-Set (cm)
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1.18					
1.68					
1.97					
2.25	23.96	180.49	204.45	.00	.00
2.75	33.06	179.40	212.46	.00	.00
3.25	42.16	175.89	218.05	.00	.00
3.75	51.26	169.67	220.94	.00	.00
4.25	60.36	161.38	221.74	.00	.00
4.75	69.46	151.95	221.41	.00	.00
5.23	78.26	142.52	220.78	.00	.00
5.72	85.36	133.30	218.66	.00	.00
6.22	91.06	124.30	215.36	.00	.00
6.72	96.76	116.00	212.76	.00	.00
7.04	100.46	111.01	211.47	.00	.00
7.37	104.17	106.32	210.49	.00	.00
7.81	109.20	100.44	209.64	.00	.00
8.25	113.99	95.06	209.05	.00	.00
8.75	119.19	89.53	208.72	.00	.00
9.25	124.39	84.53	208.92	.00	.00
9.75	129.59	79.99	209.58	.00	.00
10.25	134.79	75.85	210.63	.00	.00
10.75	139.99	72.05	212.04	.00	.00
11.25	145.19	68.56	213.74	.00	.00
11.75	150.39	65.32	215.71	.00	.00
12.25	155.59	62.32	217.91	.00	.00
12.75	160.79	59.53	220.31	.00	.00
13.25	165.99	56.91	222.90	.00	.00
13.75	171.19	54.46	225.64	.00	.00
14.25	176.39	52.15	228.54	.00	.00
14.75	181.59	49.98	231.57	.00	.00

Berechnungspunkt: 2 Lastschritt: 2

Koordinaten (m) x 23.00 y 15.00 Kote GOK (m) .93

Streifen- kote (m)	Anfang-Spa (kN/m ²)	Teil-Spann (kN/m ²)	Gesamt-Spa (kN/m ²)	Teil-Set (cm)	Gesamt-Set (cm)
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1.18
1.68

1.97					
2.25	204.45	.00	204.45	.10	.10
2.75	212.46	.00	212.46	.10	.10
3.25	218.05	.00	218.05	.10	.10
3.75	220.94	.00	220.94	.10	.10
4.25	221.74	.00	221.74	.10	.10
4.75	221.41	.00	221.41	.10	.10
5.23	220.78	1.59	222.37	.10	.10
5.72	218.66	4.87	223.53	.09	.09
6.22	215.36	8.27	223.63	.09	.09
6.72	212.76	11.67	224.43	.09	.09
7.04	211.47	13.88	225.35	.08	.08
7.37	210.49	14.39	224.88	.08	.08
7.81	209.64	14.39	224.03	.07	.07
8.25	209.05	14.39	223.44	.07	.07
8.75	208.72	14.39	223.11	.06	.06
9.25	208.92	14.39	223.31	.06	.06
9.75	209.58	14.39	223.97	.05	.05
10.25	210.63	14.39	225.03	.05	.05
10.75	212.04	14.39	226.43	.04	.04
11.25	213.74	14.39	228.14	.04	.04
11.75	215.71	14.39	230.10	.03	.03
12.25	217.91	14.39	232.30	.03	.03
12.75	220.31	14.39	234.71	.02	.02
13.25	222.90	14.39	237.29	.02	.02
13.75	225.64	14.39	240.04	.01	.01
14.25	228.54	14.39	242.93	.01	.01
14.75	231.57	14.39	245.96	.00	.00

MITTLERE SETZUNGEN, KANTUNGEN

Rechteck.Last- fläche	Last- schritt	mittler Setzung (cm)	Kantung Seite 1-2	Kantung Seite 1-4
1	1	.00	1: .000000	1: .000000
	2	.06	1: .000033	1: .000000
2	1	.00	1: .000000	1: .000000
	2	.08	1: .000036	1: .000000