



Z<sub>min</sub> = 60.00  
**Vesijohto, laen korkeus**  
**Putken mitat ja laatu**  
**Paalu**  
**Sadevesiviemäri, sisäpohjan korkeus**  
**Putken mitat ja laatu**  
**Paalu, kaivoväli ja kaltevuus**  
**Jätevesiviemäri, sisäpohjan korkeus**  
**Putken mitat ja laatu**  
**Paalu, kaivoväli ja kaltevuus**  
**Putkien perustamistapa**  
**Kaivanto**  
**Päälyysrakenne**

<b>Pystygeometria</b>	0.00		-0.0060		200.70		S=3000		242.69		-0.0200		283.38		S=2000		337.57		0.0070		402.90		S=3000		447.89		0.0220		521.02		S=3500		577.00		0.0060		700.00		0.0300																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
<b>Matka</b>	0.00		200.702		200.70		41.988		40.887		41.988		40.887		53.992		337.57		65.336		73.128		44.985		55.981		128.087		128.087		128.087		128.087		128.087		4.000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
<b>Tasausviivan korkeus</b>	68.50	68.44	68.38	68.32	68.26	68.20	68.14	68.08	68.02	67.96	67.90	67.84	67.78	67.72	67.66	67.60	67.54	67.48	67.42	67.36	67.30	67.24	67.18	67.12	67.06	67.00	66.94	66.88	66.82	66.76	66.70	66.64	66.58	66.52	66.46	66.40	66.34	66.28	66.22	66.16	66.10	66.04	65.98	65.92	65.86	65.80	65.74	65.68	65.62	65.56	65.50	65.44	65.38	65.32	65.26	65.20	65.14	65.08	65.02	64.96	64.90	64.84	64.78	64.72	64.66	64.60	64.54	64.48	64.42	64.36	64.30	64.24	64.18	64.12	64.06	64.00	63.94	63.88	63.82	63.76	63.70	63.64	63.58	63.52	63.46	63.40	63.34	63.28	63.22	63.16	63.10	63.04	62.98	62.92	62.86	62.80	62.74	62.68	62.62	62.56	62.50	62.44	62.38	62.32	62.26	62.20	62.14	62.08	62.02	61.96	61.90	61.84	61.78	61.72	61.66	61.60	61.54	61.48	61.42	61.36	61.30	61.24	61.18	61.12	61.06	61.00	60.94	60.88	60.82	60.76	60.70	60.64	60.58	60.52	60.46	60.40	60.34	60.28	60.22	60.16	60.10	60.04	59.98	59.92	59.86	59.80	59.74	59.68	59.62	59.56	59.50	59.44	59.38	59.32	59.26	59.20	59.14	59.08	59.02	58.96	58.90	58.84	58.78	58.72	58.66	58.60	58.54	58.48	58.42	58.36	58.30	58.24	58.18	58.12	58.06	58.00	57.94	57.88	57.82	57.76	57.70	57.64	57.58	57.52	57.46	57.40	57.34	57.28	57.22	57.16	57.10	57.04	56.98	56.92	56.86	56.80	56.74	56.68	56.62	56.56	56.50	56.44	56.38	56.32	56.26	56.20	56.14	56.08	56.02	55.96	55.90	55.84	55.78	55.72	55.66	55.60	55.54	55.48	55.42	55.36	55.30	55.24	55.18	55.12	55.06	55.00	54.94	54.88	54.82	54.76	54.70	54.64	54.58	54.52	54.46	54.40	54.34	54.28	54.22	54.16	54.10	54.04	53.98	53.92	53.86	53.80	53.74	53.68	53.62	53.56	53.50	53.44	53.38	53.32	53.26	53.20	53.14	53.08	53.02	52.96	52.90	52.84	52.78	52.72	52.66	52.60	52.54	52.48	52.42	52.36	52.30	52.24	52.18	52.12	52.06	52.00	51.94	51.88	51.82	51.76	51.70	51.64	51.58	51.52	51.46	51.40	51.34	51.28	51.22	51.16	51.10	51.04	50.98	50.92	50.86	50.80	50.74	50.68	50.62	50.56	50.50	50.44	50.38	50.32	50.26	50.20	50.14	50.08	50.02	49.96	49.90	49.84	49.78	49.72	49.66	49.60	49.54	49.48	49.42	49.36	49.30	49.24	49.18	49.12	49.06	49.00	48.94	48.88	48.82	48.76	48.70	48.64	48.58	48.52	48.46	48.40	48.34	48.28	48.22	48.16	48.10	48.04	47.98	47.92	47.86	47.80	47.74	47.68	47.62	47.56	47.50	47.44	47.38	47.32	47.26	47.20	47.14	47.08	47.02	46.96	46.90	46.84	46.78	46.72	46.66	46.60	46.54	46.48	46.42	46.36	46.30	46.24	46.18	46.12	46.06	46.00	45.94	45.88	45.82	45.76	45.70	45.64	45.58	45.52	45.46	45.40	45.34	45.28	45.22	45.16	45.10	45.04	44.98	44.92	44.86	44.80	44.74	44.68	44.62	44.56	44.50	44.44	44.38	44.32	44.26	44.20	44.14	44.08	44.02	43.96	43.90	43.84	43.78	43.72	43.66	43.60	43.54	43.48	43.42	43.36	43.30	43.24	43.18	43.12	43.06	43.00	42.94	42.88	42.82	42.76	42.70	42.64	42.58	42.52	42.46	42.40	42.34	42.28	42.22	42.16	42.10	42.04	41.98	41.92	41.86	41.80	41.74	41.68	41.62	41.56	41.50	41.44	41.38	41.32	41.26	41.20	41.14	41.08	41.02	40.96	40.90	40.84	40.78	40.72	40.66	40.60	40.54	40.48	40.42	40.36	40.30	40.24	40.18	40.12	40.06	40.00	39.94	39.88	39.82	39.76	39.70	39.64	39.58	39.52	39.46	39.40	39.34	39.28	39.22	39.16	39.10	39.04	38.98	38.92	38.86	38.80	38.74	38.68	38.62	38.56	38.50	38.44	38.38	38.32	38.26	38.20	38.14	38.08	38.02	37.96	37.90	37.84	37.78	37.72	37.66	37.60	37.54	37.48	37.42	37.36	37.30	37.24	37.18	37.12	37.06	37.00	36.94	36.88	36.82	36.76	36.70	36.64	36.58	36.52	36.46	36.40	36.34	36.28	36.22	36.16	36.10	36.04	35.98	35.92	35.86	35.80	35.74	35.68	35.62	35.56	35.50	35.44	35.38	35.32	35.26	35.20	35.14	35.08	35.02	34.96	34.90	34.84	34.78	34.72	34.66	34.60	34.54	34.48	34.42	34.36	34.30	34.24	34.18	34.12	34.06	34.00	33.94	33.88	33.82	33.76	33.70	33.64	33.58	33.52	33.46	33.40	33.34	33.28	33.22	33.16	33.10	33.04	32.98	32.92	32.86	32.80	32.74	32.68	32.62	32.56	32.50	32.44	32.38	32.32	32.26	32.20	32.14	32.08	32.02	31.96	31.90	31.84	31.78	31.72	31.66	31.60	31.54	31.48	31.42	31.36	31.30	31.24	31.18	31.12	31.06	31.00	30.94	30.88	30.82	30.76	30.70	30.64	30.58	30.52	30.46	30.40	30.34	30.28	30.22	30.16	30.10	30.04	29.98	29.92	29.86	29.80	29.74	29.68	29.62	29.56	29.50	29.44	29.38	29.32	29.26	29.20	29.14	29.08	29.02	28.96	28.90	28.84	28.78	28.72	28.66	28.60	28.54	28.48	28.42	28.36	28.30	28.24	28.18	28.12	28.06	28.00	27.94	27.88	27.82	27.76	27.70	27.64	27.58	27.52	27.46	27.40	27.34	27.28	27.22	27.16	27.10	27.04	26.98	26.92	26.86	26.80	26.74	26.68	26.62	26.56	26.50	26.44	26.38	26.32	26.26	26.20	26.14	26.08	26.02	25.96	25.90	25.84	25.78	25.72	25.66	25.60	25.54	25.48	25.42	25.36	25.30	25.24	25.18	25.12	25.06	25.00	24.94	24.88	24.82	24.76	24.70	24.64	24.58	24.52	24.46	24.40	24.34	24.28	24.22	24.16	24.10	24.04	23.98	23.92	23.86	23.80	23.74	23.68	23.62	23.56	23.50	23.44	23.38	23.32	23.26	23.20	23.14	23.08	23.02	22.96	22.90	22.84	22.78	22.72	22.66	22.60	22.54	22.48	22.42	22.36	22.30	22.24	22.18	22.12	22.06	22.00	21.94	21.88	21.82	21.76	21.70	21.64	21.58	21.52	21.46	21.40	21.34	21.28	21.22	21.16	21.10	21.04	20.98	20.92	20.86	20.80	20.74	20.68	20.62	20.56	20.50	20.44	20.38	20.32	20.26	20.20	20.14	20.08	20.02	19.96	19.90	19.84	19.78	19.72	19.66	19.60	19.54	19.48	19.42	19.36	19.30	19.24	19.18	19.12	19.06	19.00	18.94	18.88	18.82	18.76	18.70	18.64	18.58	18.52	18.46	18.40	18.34	18.28	18.22	18.16	18.10	18.04	17.98	17.92	17.86	17.80	17.74	17.68	17.62	17.56	17.50	17.44	17.38	17.32	17.26	17.20	17.14	17.08	17.02	16.96	16.90	16.84	16.78	16.72	16.66	16.60	16.54	16.48	16.42	16.36	16.30	16.24	16.18	16.12	16.06	16.00	15.94	15.88	15.82	15.76	15.70	15.64	15.58	15.52	15.46	15.40	15.34	15.28	15.22	15.16	15.10	15.04	14.98	14.92	14.86	14.80	14.74	14.68	14.62	14.56	14.50	14.44	14.38	14.32	14.26	14.20	14.14	14.08	14.02	13.96	13.90	13.84	13.78	13.72	13.66	13.60	13.54	13.48	13.42	13.36	13.30	13.24	13.18	13.12	13.06	13.00	12.94	12.88	12.82	12.76	12.70	12.64	12.58	12.52	12.46	12.40	12.34	12.28	12.22	12.16	12.10	12.04	11.98	11.92	11.86	11.80	11.74	11.68	11.62	11.56	11.50	11.44	11.38	11.32	11.26	11.20	11.14	11.08	11.02	10.96	10.90	10.84	10.78	10.72	10.66	10.60	10.54	10.48	10.42	10.36	10.30	10.24	10.18	10.12	10.06	10.00	9.94	9.88	9.82	9.76	9.70	9.64	9.58	9.52	9.46	9.40	9.34	9.28	9.22	9.16	9.10	9.04	8.98	8.92	8.86	8.80	8.74	8.68	8.62	8.56	8.50	8.44	8.38	8.32	8.26	8.20	8.14	8.08	8.02	7.96	7.90	7.84	7.78	7.72	7.66	7.60	7.54	7.48	7.42	7.36	7.30	7.24	7.18	7.12	7.06	7.00	6.94	6.88	6.82	6.76	6.70	6.64	6.58	6.52	6.46	6.40	6.34	6.28	6.22	6.16	6.10	6.04	5.98	5.92	5.86	5.80	5.74	5.68	5.62	5.56	5.50	5.44	5.38	5.32	5.26	5.20	5.14	5.08	5.02	4.96	4.90	4.84	4.78	4.72	4.66	4.60	4.54	4.48	4.42	4.36	4.30	4.24	4.18	4.12	4.06	4.00	3.94	3.88	3.82	3.76	3.70	3.64	3.58	3.52	3.46	3.40	3.34	3.28	3.22	3.16	3.10	3.04	2.98	2.92	2.86	2.80	2.74	2.68	2.62	2.56	2.50	2.44	2.38	2.32	2.26	2.20	2.14	2.08	2.02	1.96	1.90	1.84	1.78	1.72	1.66	1.60	1.54	1.48	1.42	1.36	1.30	1.24	1.18	1.12	1.06	1.00	0.94	0.88	0.82	0.76	0.70	0.64	0.58	0.52	0.46	0.40	0.34	0.28	0.22	0.16	0.10	0.04	0.00	-0.04	-0