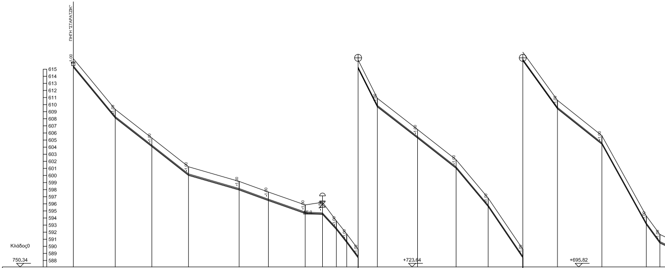
ΣΥΣΚΕΥΕΣ ΔΙΚΤΥΟΥ

ΑΕΡΕΞΑΓΩΓΟΣ

ΕΚΚΕΝΩΤΗΣ



ΕΔΑΦΟΣ	779.73	772.57	768.53	764.48	762.41	760.91	759.09	759.47	756.84	755.00	752.84	747.43	743.03	738.76	733.35	726.14	719.34	714.35	703.02	700.41
ΕΚΣΚΑΦΗ	778.51	771.35	767.31	763.25	761.18	759.69	757.87	757.74	755.61	753.78	751.62	746.21	741.81	737.54	732.13	724.91	718.12	713.12	701.79	699.18
ΒΑΘΟΣ ΕΚΣΚΑΦΗΣ	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.72	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23
ΣΤΕΨΗ ΑΓΩΓΟΥ	778.73	771.57	767.53	763.48	761.41	759.91	758.09	757.97	755.84	754.00	751.84	746.43	742.03	737.76	732.35	725.14	718.34	713.35	702.02	699.41
ΕΔΡΑΣΗ ΑΓΩΓΟΥ	778.61	771.45	767.41	763.35	761.28	759.79	757.97	757.84	755.71	753.88	751.72	746.30	741.91	737.64	732.23	725.01	718.22	713.22	701.89	699.28
ΚΟΜΒΟΙ	A.0.0	A.0.1	A.0.2	A.0.3	A.0.4	A.0.5	A.0.6	A.0.7	A.0.8	A.0.9	A.0.10	A.0.11	A.0.12	A.0.13	A.0.14	A.0.15	A.0.16	A.0.17	A.0.18	A.0.19
ΑΠΟΣΤΑΣΗ ΜΕΤΑΞΥ	59.12	51.63	51.63	71.52	41.19	51.94	24.33	19.62	14.51	16.10	27.18	56.67	54.38	45.21	48.84	48.84	62.65	62.65	19.10	
ΑΠΟΣΤΑΣΗ ΑΠΟ ΑΡΧΗ	0.00	59.12	110.75	162.38	233.91	275.10	327.04	351.37	370.99	385.50	401.59	428.77	485.43	539.82	585.03	633.87	682.71	745.37	808.02	827.12
ΧΙΛΙΟΜΕΤΡΗΣΗ		0+100.00		0+200.00		0+300.00				0+400.00			0+500.00		0+600.00		0+700.00	0+800.00		
ΤΑΧΥΤΗΤΑ	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25			0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25		
ΠΑΡΟΧΗ	2.27	2.27	2.27	2.27	2.27	2.27	2.27	2.27			2.27	2.27	2.27	2.27	2.27	2.27	2.27	2.27		
ΔΙΑΜΕΤΡΟΣ-ΥΛΙΚΟ	PE Ø125	PE Ø125	PE Ø125	PE Ø125	PE Ø125	PE Ø125	PE Ø125	PE Ø125			PE Ø125	PE Ø125	PE Ø125	PE Ø125	PE Ø125	PE Ø125	PE Ø125	PE Ø125		
ΓΡΑΜΜΗ ΕΝΕΡΓΕΙΑΣ	778.75	778.69	778.63	778.58	778.50	778.46	778.41	778.38	778.36	778.35	778.33	778.30	778.24	778.19	778.14	778.09	778.04	777.97	777.90	777.88
ΓΡΑΜΜΗ ΠΙΕΣΗΣ		778.68	778.63	778.58	778.50	778.46	778.40	778.38	778.36	778.34	778.33	778.30	778.24	778.18	778.13	778.08	778.03	777.97	777.90	777.88
ΚΛΙΣΗ	I=12.11%	I=7.83%	I=7.85%	I=2.89%	I=3.64%	I=3.50%	I=0.51%	I=12.64%			I=19.91%	I=7.76%	I=7.85%	I=11.96%	I=14.78%	I=13.91%	I=7.97%	I=18.09%		

ΠΡΟΙΣΤΑΜΕΝΗ ΑΡΧΗ:

ΠΕΡΙΦΕΡΕΙΑ ΑΝΑΤΟΛΙΚΗΣ ΜΑΚΕΔΟΝΙΑΣ & ΘΡΑΚΗΣ
ΠΕΡΙΦΕΡΕΙΑΚΗ ΕΝΟΤΗΤΑ ΔΡΑΜΑΣ
ΔΗΜΟΣ ΚΑΤΩ ΝΕΥΡΟΚΟΠΙΟΥ

ΕΡΓΟ:

ΑΝΤΙΚΑΤΑΣΤΑΣΗ ΕΞΩΤΕΡΙΚΟΥ ΔΙΚΤΥΟΥ
ΥΔΡΕΥΣΗΣ ΤΚ ΜΙΚΡΟΜΗΛΙΑΣ

ΣΤΑΔΙΟ ΜΕΛΕΤΗΣ:

ΟΡΙΣΤΙΚΗ ΜΕΛΕΤΗ

ΑΡΙΘ. ΣΧΕΔΙΟΥ

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ΚΛΙΜΑΚΑ

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ΘΕΜΑ

ΜΗΚΟΤΟΜΗ

ΣΥΝΤΑΞΗ

ΥΠΟΓΡΑΦΗ

ΚΟΥΚΝΑΚΟΣ ΠΑΝΑΓΙΩΤΗΣ - ΠΟΛ. ΜΗΧΑΝΙΚΟΣ
ΜΕΡΑΡΧΙΑΣ 49 ΣΕΡΡΕΣ Τ.Κ 62125
ΤΗΛ. 2321 304151

ΣΕΡΡΕΣ ΟΚΤΩΒΡΙΟΣ 2020

ΕΛΕΓΧΟΣ ΥΠΗΡΕΣΙΑΣ

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Public Administration Certification
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e=texniki2@0724.syzefxis.gov.gr
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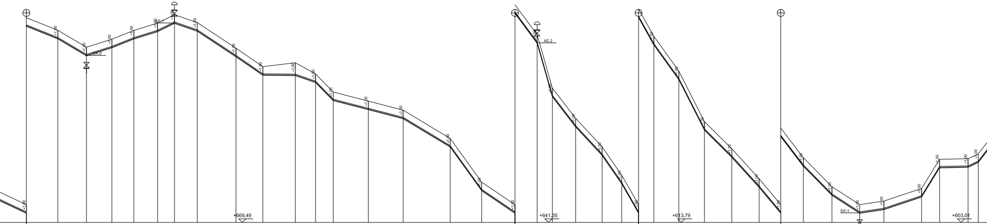
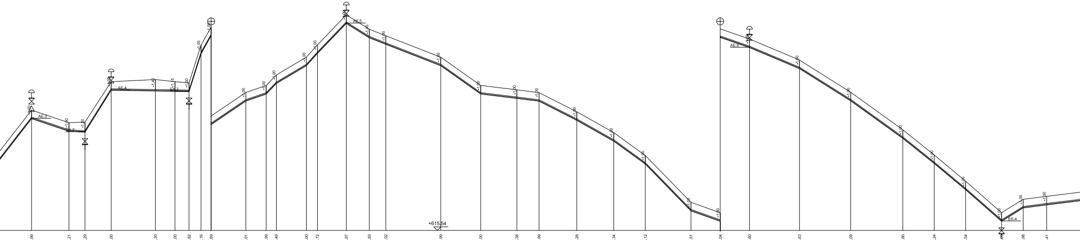
ΕΓΚΡΙΤΙΚΗ ΑΠΟΦΑΣΗ

ΑΡ.



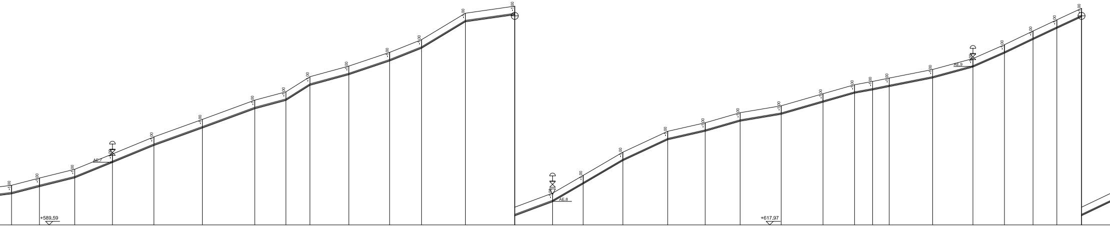
						44.43			0.25	2.27	PE Ø125			I=4.69%
698.32	697.10	1.23	697.32	697.20	A.0.20		871.55					777.84	777.84	
						44.43		0+900.00	0.25	2.27	PE Ø125			I=4.00%
696.55	695.32	1.23	695.55	695.42	A.0.21		915.97					777.79	777.79	
						40.34			0.25	2.27	PE Ø125			I=5.92%
694.16	692.94	1.23	693.16	693.04	A.0.22		956.31					777.75	777.75	
						35.93			0.25	2.27	PE Ø125			I=3.17%
695.30	694.08	1.23	694.30	694.18	A.0.23		992.24					777.71	777.71	
						31.01		1+0.00	0.25	2.27	PE Ø125			I=3.96%
696.53	695.30	1.23	695.53	695.40	A.0.24		23.26					777.68	777.68	
						33.38			0.25	2.27	PE Ø125			I=3.11%
697.57	696.34	1.23	696.57	696.44	A.0.25		56.64					777.65	777.64	
						23.90			0.25	2.27	PE Ø125			I=4.90%
698.74	697.51	1.23	697.74	697.61	A.0.26		80.53					777.62	777.62	
						32.12		1+100.00	0.25	2.27	PE Ø125			I=3.43%
697.64	696.41	1.23	696.64	696.51	A.0.27		112.65					777.59	777.58	
						54.67			0.25	2.27	PE Ø125			I=6.60%
694.03	692.80	1.23	693.03	692.90	A.0.28		167.31					777.53	777.53	
						37.94		1+200.00	0.25	2.27	PE Ø125			I=6.85%
691.43	690.20	1.23	690.43	690.30	A.0.29		205.26					777.49	777.49	
						45.82			0.25	2.27	PE Ø125			I=0.11%
691.98	690.15	1.83	690.38	690.25	A.0.30		251.07					777.44	777.44	
						28.56			0.28	2.27	PE Ø125			I=3.41%
690.41	689.18	1.23	689.41	689.28	A.0.31		279.63					777.41	777.40	
						24.91		1+300.00	0.28	2.27	PE Ø125			I=10.23%
687.86	686.63	1.23	686.86	686.73	A.0.32		304.54					777.38	777.37	
						49.53			0.28	2.27	PE Ø125			I=2.58%
686.58	685.36	1.23	685.58	685.46	A.0.33		354.07					777.31	777.31	
						49.18		1+400.00	0.28	2.27	PE Ø125			I=2.59%
685.31	684.08	1.23	684.31	684.18	A.0.34		403.25					777.25	777.25	
						66.34			0.28	2.27	PE Ø125			I=6.01%
681.32	680.10	1.23	680.32	680.20	A.0.35		469.59					777.17	777.16	
						44.49		1+500.00	0.28	2.27	PE Ø125			I=13.84%
675.16	673.94	1.23	674.16	674.04	A.0.36		514.08					777.11	777.11	
						46.93			0.28	2.27	PE Ø125			I=6.75%
671.99	670.77	1.23	670.99	670.87	A.0.37		561.01					777.05	777.05	
						31.24			0.28	2.27	PE Ø125			I=13.44%
667.80	666.56	1.23	666.80	666.67	A.0.38		592.25					777.01	777.01	
						21.52		1+600.00	0.28	2.27	PE Ø125			I=35.01%
660.26	659.04	1.23	659.26	659.13	A.0.39		613.77					776.98	776.98	
						32.91			0.28	2.27	PE Ø125			I=12.95%
656.00	654.77	1.23	655.00	654.87	A.0.40		646.68					776.94	776.94	
						37.27			0.28	2.27	PE Ø125			I=10.75%
651.99	650.77	1.23	650.99	650.87	A.0.41		683.96					776.89	776.89	
						27.74		1+700.00	0.28	2.27	PE Ø125			I=14.46%
647.98	646.76	1.23	646.98	646.86	A.0.42		711.70					776.86	776.85	
						23.76			0.28	2.27	PE Ø125			I=17.40%
643.85	642.62	1.23	642.85	642.72	A.0.43		735.46					776.83	776.82	
						21.55			0.28	2.27	PE Ø125			I=17.89%
639.99	638.77	1.23	638.99	638.87	A.0.44		757.01					776.80	776.79	
						35.27			0.28	2.27	PE Ø125			I=13.88%
635.10	633.87	1.23	634.10	633.97	A.0.45		792.28					776.75	776.75	
						36.16		1+800.00	0.28	2.27	PE Ø125			I=19.66%
627.99	626.76	1.23	626.99	626.86	A.0.46		828.44					776.71	776.70	
						38.54			0.28	2.27	PE Ø125			I=9.92%
624.17	622.94	1.23	623.17	623.04	A.0.47		866.98					776.66	776.65	
						38.54		1+900.00	0.28	2.27	PE Ø125			I=10.96%
619.94	618.71	1.23	618.94	618.81	A.0.48		905.52					776.61	776.60	
						30.57			0.28	2.27	PE Ø125			I=11.93%
616.29	615.07	1.23	615.29	615.17	A.0.49		936.09					776.57	776.56	
						31.86			0.28	2.27	PE Ø125			I=13.10%
612.12	610.89	1.23	611.12	610.99	A.0.50		967.96					776.53	776.52	
						40.40		2+0.00	0.31	2.27	PE Ø125			I=10.12%
608.03	606.81	1.23	607.03	606.91	A.0.51		8.36					776.46	776.46	
						39.13			0.31	2.27	PE Ø125			I=6.45%
605.51	604.28	1.23	604.51	604.38	A.0.52		47.49					776.40	776.39	
						34.16			0.31	2.27	PE Ø125			I=1.50%
606.02	604.79	1.23	605.02	604.89	A.0.53		81.65					776.34	776.34	
						53.18		2+100.00	0.31	2.27	PE Ø125			I=3.33%
607.79	606.56	1.23	606.79	606.66	A.0.54		134.83					776.26	776.25	
						25.41			0.31	2.27	PE Ø125			I=16.18%
611.90	610.67	1.23	610.90	610.77	A.0.55		160.24					776.21	776.21	
						40.07			0.31	2.27	PE Ø125			I=0.20%
611.98	610.75	1.23	610.98	610.86	A.0.56		200.31					776.15	776.14	
						14.45		2+200.00						
612.66	611.43	1.23	611.66	611.53	A.0.57		214.76					776.13	776.12	



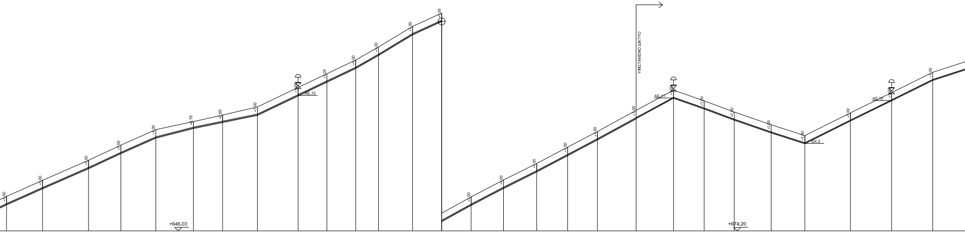
619.99	618.77	1.23	618.99	618.87	A.0.58	271.64	776.03	776.03
618.21	616.98	1.23	617.21	617.08	A.0.59	324.41	775.95	775.94
618.29	616.86	1.43	617.09	616.96	A.0.60	346.96	775.91	775.91
624.00	622.78	1.23	623.00	622.88	A.0.61	383.92	775.85	775.84
624.30	622.67	1.62	622.90	622.77	A.0.62	446.31	775.75	775.74
624.00	622.62	1.38	622.85	622.72	A.0.63	473.90	775.70	775.70
623.82	622.58	1.23	622.82	622.69	A.0.64	493.76	775.67	775.67
629.16	627.93	1.23	628.16	628.03	A.0.65	510.68	775.64	775.64
631.69	630.47	1.23	630.69	630.56	A.0.66	524.90	775.62	775.61
635.01	633.78	1.23	634.01	633.88	A.0.67	573.91	775.54	775.53
635.99	634.76	1.23	634.99	634.86	A.0.68	602.51	775.49	775.49
637.49	636.26	1.23	636.49	636.36	A.0.69	616.89	775.47	775.46
640.00	638.77	1.23	639.00	638.87	A.0.70	659.26	775.40	775.40
641.72	640.49	1.23	640.72	640.59	A.0.71	674.78	775.37	775.37
645.97	644.74	1.23	644.97	644.84	A.0.72	715.55	775.31	775.30
643.93	642.71	1.23	642.93	642.81	A.0.73	748.01	775.26	775.25
643.02	641.79	1.23	642.02	641.89	A.0.74	771.28	775.22	775.21
639.99	638.77	1.23	638.99	638.87	A.0.75	848.76	775.09	775.09
636.00	634.77	1.23	635.00	634.87	A.0.76	905.09	775.00	774.99
635.38	634.15	1.23	634.38	634.25	A.0.77	956.05	774.92	774.91
634.99	633.76	1.23	633.99	633.86	A.0.78	987.39	774.87	774.86
632.28	631.06	1.23	631.28	631.16	A.0.79	40.70	774.78	774.77
629.34	628.12	1.23	628.34	628.22	A.0.80	92.75	774.69	774.69
626.12	624.89	1.23	625.12	624.99	A.0.81	137.29	774.62	774.62
619.51	618.28	1.23	618.51	618.38	A.0.82	201.67	774.52	774.51
618.04	616.82	1.23	617.04	616.92	A.0.83	242.97	774.45	774.44
616.60	615.38	1.23	615.60	615.48	A.0.84	284.28	774.38	774.38
613.63	612.41	1.23	612.63	612.51	A.0.85	354.80	774.27	774.26
609.09	607.86	1.23	608.09	607.96	A.0.86	427.04	774.12	774.11
603.80	602.57	1.23	602.80	602.67	A.0.87	500.49	773.96	773.95
600.24	599.02	1.23	599.24	599.12	A.0.88	544.78	773.87	773.86
596.54	595.32	1.23	595.54	595.42	A.0.89	589.07	773.77	773.77
592.09	590.87	1.23	591.09	590.97	A.0.90	639.74	773.67	773.66
593.98	592.75	1.23	592.98	592.85	A.0.91	670.23	773.60	773.59
594.41	593.18	1.23	593.41	593.28	A.0.92	703.44	773.53	773.52

2+300.00 2+400.00 2+500.00 2+600.00 2+700.00 2+800.00 2+900.00 3+0.00 3+100.00 3+200.00 3+300.00 3+400.00 3+500.00 3+600.00 3+700.00

56.88	0.31	2.27	PE Ø125	I=12.89%
52.77	0.31	2.27	PE Ø125	I=3.38%
22.55	0.31	2.27	PE Ø125	I=0.52%
36.96	0.31	2.27	PE Ø125	I=16.00%
62.38	0.31	2.27	PE Ø125	I=0.17%
27.60	0.31	2.27	PE Ø125	I=0.17%
19.85	0.31	2.27	PE Ø125	I=31.58%
16.92				
14.22				
49.02	0.31	2.27	PE Ø125	I=6.77%
28.60	0.31	2.27	PE Ø125	I=3.43%
14.38				
42.37	0.31	2.27	PE Ø125	I=5.94%
15.52				
40.77	0.31	2.27	PE Ø125	I=10.41%
32.46	0.31	2.27	PE Ø125	I=6.26%
23.27	0.31	2.27	PE Ø125	I=3.95%
77.48	0.31	2.27	PE Ø125	I=3.90%
56.33	0.31	2.27	PE Ø125	I=7.09%
50.96	0.31	2.27	PE Ø125	I=1.21%
31.34	0.31	2.27	PE Ø125	I=1.25%
53.31	0.31	2.27	PE Ø125	I=5.07%
52.05	0.31	2.27	PE Ø125	I=5.65%
44.54	0.31	2.27	PE Ø125	I=7.25%
64.37	0.31	2.27	PE Ø125	I=10.27%
41.31	0.31	2.27	PE Ø125	I=3.55%
41.31	0.31	2.27	PE Ø125	I=3.48%
70.53	0.31	2.27	PE Ø125	I=4.22%
72.23	0.34	2.27	PE Ø125	I=6.29%
73.45	0.34	2.27	PE Ø125	I=7.21%
44.29	0.34	2.27	PE Ø125	I=8.02%
44.29	0.34	2.27	PE Ø125	I=8.35%
50.67	0.34	2.27	PE Ø125	I=8.78%
30.49	0.34	2.27	PE Ø125	I=6.19%
33.21	0.34	2.27	PE Ø125	I=1.29%
63.28	0.34	2.27	PE Ø125	I=1.23%

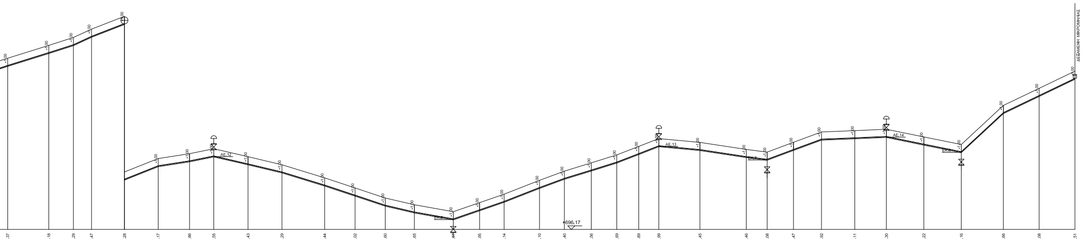


595.19	593.96	1.23	594.19	594.06	A.0.93		766.72					773.40	773.39	
						39.33		3+800.00	0.34	2.27	PE Ø125			I=2.60%
596.21	594.99	1.23	595.21	595.09	A.0.94		806.05					773.31	773.31	
						49.79			0.34	2.27	PE Ø125			I=2.47%
597.44	596.22	1.23	596.44	596.32	A.0.95		855.84					773.21	773.20	
						53.16		3+900.00	0.34	2.27	PE Ø125			I=4.08%
599.61	598.38	1.23	598.61	598.48	A.0.96		909.00					773.10	773.09	
						58.47			0.34	2.27	PE Ø125			I=4.12%
602.02	600.79	1.23	601.02	600.89	A.0.97		967.47					772.97	772.97	
						68.40		4+0.00	0.34	2.27	PE Ø125			I=3.60%
604.48	603.26	1.23	603.48	603.36	A.0.98		35.87					772.83	772.82	
						73.92		4+100.00	0.34	2.27	PE Ø125			I=3.67%
607.20	605.97	1.23	606.20	606.07	A.0.99		109.80					772.67	772.67	
						43.91			0.34	2.27	PE Ø125			I=2.69%
608.38	607.15	1.23	607.38	607.25	A.0.100		153.71					772.58	772.57	
						33.84			0.34	2.27	PE Ø125			I=6.30%
610.51	609.29	1.23	609.51	609.39	A.0.101		187.55					772.51	772.50	
						54.86		4+200.00	0.34	2.27	PE Ø125			I=2.72%
612.01	610.78	1.23	611.01	610.88	A.0.102		242.41					772.39	772.38	
						57.48		4+300.00	0.31	2.27	PE Ø125			I=3.36%
613.94	612.72	1.23	612.94	612.82	A.0.103		299.89					772.30	772.29	
						45.07			0.31	2.27	PE Ø125			I=3.98%
615.73	614.51	1.23	614.73	614.61	A.0.104		344.96					772.22	772.22	
						61.92		4+400.00	0.31	2.27	PE Ø125			I=6.04%
619.47	618.25	1.23	618.47	618.35	A.0.105		406.88					772.12	772.12	
						69.54			0.31	2.27	PE Ø125			I=1.43%
620.47	619.24	1.23	619.47	619.34	A.0.106		476.41					772.01	772.00	
						53.33		4+500.00	0.31	2.27	PE Ø125			I=3.72%
622.45	621.24	1.21	621.45	621.32 621.34	A.0.107		529.75					771.92	771.92	
						43.24			0.40	2.27	PE Ø110			I=5.80%
624.96	623.74	1.21	623.96	623.84	A.0.108		572.98					771.79	771.79	
						55.93		4+600.00	0.40	2.27	PE Ø110			I=5.85%
628.23	627.02	1.21	627.23	627.12	A.0.109		628.91					771.62	771.61	
						63.29			0.40	2.27	PE Ø110			I=4.66%
631.18	629.97	1.21	630.18	630.07	A.0.110		692.20					771.43	771.42	
						52.92		4+700.00	0.40	2.27	PE Ø110			I=2.27%
632.38	631.17	1.21	631.38	631.27	A.0.111		745.12					771.27	771.26	
						49.29			0.40	2.27	PE Ø110			I=2.89%
633.80	632.59	1.21	632.80	632.69	A.0.112		794.41					771.12	771.11	
						57.86		4+800.00	0.40	2.27	PE Ø110			I=1.67%
634.77	633.56	1.21	633.77	633.66	A.0.113		852.28					770.94	770.93	
						58.92		4+900.00	0.40	2.27	PE Ø110			I=2.89%
636.48	635.27	1.21	635.48	635.37	A.0.114		911.20					770.76	770.75	
						44.54			0.40	2.27	PE Ø110			I=2.87%
637.75	636.54	1.21	636.75	636.64	A.0.115		955.74					770.62	770.62	
						25.45			0.40	2.27	PE Ø110			I=1.82%
638.22	637.01	1.21	637.22	637.11	A.0.116		981.19					770.55	770.54	
						23.44		5+0.00	0.40	2.27	PE Ø110			I=2.00%
638.69	637.48	1.21	637.69	637.58	A.0.117		4.63					770.47	770.47	
						61.25			0.40	2.27	PE Ø110			I=1.99%
639.90	638.69	1.21	638.90	638.79	A.0.118		65.88					770.29	770.28	
						56.81		5+100.00	0.40	2.27	PE Ø110			I=2.71%
641.44	640.23	1.21	640.44	640.33	A.0.119		122.69					770.11	770.11	
						44.46			0.40	2.27	PE Ø110			I=4.39%
643.40	642.19	1.21	642.40	642.29	A.0.120		167.15					769.98	769.97	
						40.29		5+200.00	0.40	2.27	PE Ø110			I=4.79%
645.33	644.12	1.21	644.33	644.22	A.0.121		207.44					769.86	769.85	
						33.66			0.40	2.27	PE Ø110			I=4.71%
646.91	645.70	1.21	645.91	645.80	A.0.122		241.10					769.75	769.74	
						34.77			0.40	2.27	PE Ø110			I=4.65%
648.53	647.32	1.21	647.53	647.42	A.0.123		275.87					769.65	769.64	
						49.32		5+300.00	0.40	2.27	PE Ø110			I=4.79%



650.89	649.68	1.21	649.89	649.78	A.0.124	50.82	325.19	0.40	2.27	PE Ø110	769.50	769.49	I=4.45%
653.15	651.94	1.21	652.15	652.04	A.0.125	64.91	376.01	0.40	2.27	PE Ø110	769.34	769.33	I=4.36%
655.98	654.77	1.21	654.98	654.87	A.0.126	45.64	440.92	0.36	2.27	PE Ø110	769.14	769.13	I=4.66%
658.11	656.90	1.21	657.11	657.00	A.0.127	49.23	486.56	0.36	2.27	PE Ø110	769.03	769.03	I=4.43%
660.29	659.08	1.21	659.29	659.18	A.0.128	53.00	535.79	0.36	2.27	PE Ø110	768.92	768.91	I=2.56%
661.43	660.44	0.99	660.65	660.54	A.0.129	41.16	588.79	0.36	2.27	PE Ø110	768.79	768.78	I=2.04%
662.34	661.28	1.06	661.49	661.38	A.0.130	49.12	629.95	0.36	2.27	PE Ø110	768.69	768.69	I=2.04%
663.49	662.28	1.21	662.49	662.38	A.0.131	57.36	679.07	0.36	2.27	PE Ø110	768.58	768.57	I=4.77%
666.23	665.02	1.21	665.23	665.12	A.0.132	40.66	736.42	0.36	2.27	PE Ø110	768.44	768.43	I=4.77%
668.17	666.96	1.21	667.17	667.06	A.0.133	40.66	777.09	0.36	2.27	PE Ø110	768.34	768.34	I=4.74%
670.10	668.89	1.21	669.10	668.99	A.0.134	32.07	817.75	0.36	2.27	PE Ø110	768.25	768.24	I=5.71%
671.93	670.72	1.21	670.93	670.82	A.0.135	48.06	849.81	0.36	2.27	PE Ø110	768.17	768.17	I=6.04%
674.83	673.62	1.21	673.83	673.72	A.0.136	41.04	897.88	0.36	2.27	PE Ø110	768.06	768.05	I=4.57%
676.70	675.49	1.21	675.70	675.59	A.0.137	41.56	938.91	0.36	2.27	PE Ø110	767.96	767.96	I=5.51%
679.00	677.79	1.21	678.00	677.89	A.0.138	45.75	980.48	0.36	2.27	PE Ø110	767.86	767.86	I=5.21%
681.38	680.17	1.21	680.38	680.27	A.0.139	46.68	26.22	0.36	2.27	PE Ø110	767.75	767.75	I=4.97%
683.70	682.49	1.21	682.70	682.59	A.0.140	43.69	72.90	0.36	2.27	PE Ø110	767.64	767.64	I=5.26%
686.00	684.79	1.21	685.00	684.89	A.0.141	42.00	116.59	0.36	2.27	PE Ø110	767.54	767.53	I=5.25%
688.20	686.99	1.21	687.20	687.09	A.0.142	54.53	158.58	0.36	2.27	PE Ø110	767.44	767.43	I=5.45%
691.17	689.96 690.01	1.21 1.16	690.17	690.06 690.11	A.0.143	52.86	213.11	0.94	2.27	PE Ø63	767.31	767.31	I=5.40%
694.03	692.87	1.16	693.03	692.97	A.0.144	43.15	265.97	0.94	2.27	PE Ø63	766.02	765.98	I=3.50%
692.52	691.36	1.16	691.52	691.46	A.0.145	42.48	309.11	0.94	2.27	PE Ø63	764.94	764.89	I=3.71%
690.94	689.78	1.16	689.94	689.88	A.0.146	52.02	351.59	0.94	2.27	PE Ø63	763.87	763.82	I=3.45%
689.15	687.99	1.16	688.15	688.09	A.0.147	47.61	403.61	0.94	2.27	PE Ø63	762.56	762.52	I=3.20%
687.63	686.46	1.16	686.63	686.56	A.0.148	64.24	451.22	0.94	2.27	PE Ø63	761.36	761.32	I=4.99%
690.83	689.67	1.16	689.83	689.77	A.0.149	58.06	515.46	0.94	2.27	PE Ø63	759.75	759.70	I=4.90%
693.67	692.51	1.16	692.67	692.61	A.0.150	58.06	573.51	0.94	2.27	PE Ø63	758.29	758.24	I=4.94%
696.54	695.38	1.16	695.54	695.48	A.0.151	56.34	631.57	0.94	2.27	PE Ø63	756.83	756.78	I=3.24%

5+400,00 5+500,00 5+600,00 5+700,00 5+800,00 5+900,00 6+0,00 6+100,00 6+200,00 6+300,00 6+400,00 6+500,00 6+600,00



698.37	697.20	1.16	697.37	697.30	A.0.152		687.91				755.41	755.37	
						58.00		0.94	2.27	PE Ø63			I=3.13%
700.18	699.02	1.16	699.18	699.12	A.0.153		745.91				753.95	753.91	
						34.70		0.94	2.27	PE Ø63			I=3.20%
701.29	700.13	1.16	700.29	700.23	A.0.154		780.61				753.08	753.04	
						25.58		0.94	2.27	PE Ø63			I=4.61%
702.47	701.31	1.16	701.47	701.41	A.0.155		806.20				752.44	752.39	
						46.43		0.94	2.27	PE Ø63			I=3.88%
704.28	703.11	1.16	703.28	703.21	A.0.156		852.63				751.27	751.23	
						47.64		0.94	2.27	PE Ø63			I=3.98%
706.17	705.01	1.16	705.17	705.11	A.0.157		900.27				750.07	750.03	
						44.20		0.94	2.27	PE Ø63			I=1.55%
706.86	705.70	1.16	705.86	705.80	A.0.158		944.47				748.96	748.92	
						34.22		0.94	2.27	PE Ø63			I=2.03%
707.55	706.39	1.16	706.55	706.49	A.0.159		978.68				748.10	748.06	
						48.35		0.94	2.27	PE Ø63			I=2.31%
706.43	705.27	1.16	705.43	705.37	A.0.160		27.03				746.89	746.84	
						47.89		0.94	2.27	PE Ø63			I=2.39%
705.29	704.13	1.16	704.29	704.23	A.0.161		74.92				745.68	745.64	
						60.21		0.94	2.27	PE Ø63			I=3.07%
703.44	702.28	1.16	702.44	702.38	A.0.162		135.13				744.17	744.13	
						42.91		0.94	2.27	PE Ø63			I=3.31%
702.02	700.86	1.16	701.02	700.96	A.0.163		178.04				743.09	743.05	
						42.61		0.94	2.27	PE Ø63			I=3.33%
700.60	699.44	1.16	699.60	699.54	A.0.164		220.65				742.02	741.98	
						41.08		0.94	2.27	PE Ø63			I=2.33%
699.65	698.49	1.16	698.65	698.59	A.0.165		261.73				740.99	740.95	
						54.98		0.94	2.27	PE Ø63			I=1.78%
698.67	697.51	1.16	697.67	697.61	A.0.166		316.71				739.61	739.56	
						37.11		0.94	2.27	PE Ø63			I=3.46%
699.95	698.79	1.16	698.95	698.89	A.0.167		353.82				738.68	738.63	
						34.59		0.94	2.27	PE Ø63			I=3.45%
701.14	699.98	1.16	700.14	700.08	A.0.168		388.41				737.81	737.76	
						49.88		0.94	2.27	PE Ø63			I=3.92%
703.10	701.94	1.16	702.10	702.04	A.0.169		438.30				736.55	736.51	
						35.17		0.94	2.27	PE Ø63			I=3.68%
704.40	703.23	1.16	703.40	703.33	A.0.170		473.47				735.67	735.62	
						37.97		0.94	2.27	PE Ø63			I=3.07%
705.56	704.40	1.16	704.56	704.50	A.0.171		511.44				734.72	734.67	
						35.98		0.94	2.27	PE Ø63			I=3.13%
706.69	705.53	1.16	705.69	705.63	A.0.172		547.42				733.81	733.77	
						30.92		0.94	2.27	PE Ø63			I=3.88%
707.89	706.72	1.16	706.89	706.82	A.0.173		578.34				733.03	732.99	
						28.37		0.94	2.27	PE Ø63			I=3.90%
708.99	707.83	1.16	707.99	707.93	A.0.174		606.71				732.32	732.28	
						58.06		0.94	2.27	PE Ø63			I=0.93%
708.45	707.29	1.16	707.45	707.39	A.0.175		664.76				730.86	730.82	
						65.37		0.94	2.27	PE Ø63			I=1.52%
707.46	706.30	1.16	706.46	706.40	A.0.176		730.13				729.22	729.18	
						29.43		0.94	2.27	PE Ø63			I=1.29%
707.08	705.92	1.16	706.08	706.02	A.0.177		759.56				728.48	728.44	
						37.15		0.94	2.27	PE Ø63			I=3.75%
708.47	707.31	1.16	707.47	707.41	A.0.178		796.71				727.55	727.50	
						39.56		0.94	2.27	PE Ø63			I=3.67%
709.92	708.76	1.16	708.92	708.86	A.0.179		836.27				726.55	726.51	
						46.97		0.94	2.27	PE Ø63			I=0.41%
710.11	708.95	1.16	709.11	709.05	A.0.180		883.24				725.37	725.33	
						44.60		0.94	2.27	PE Ø63			I=0.43%
710.30	709.14	1.16	709.30	709.24	A.0.181		927.84				724.25	724.21	
						52.86		0.94	2.27	PE Ø63			I=2.05%
709.22	708.05	1.16	708.22	708.15	A.0.182		980.69				722.93	722.88	
						52.86		0.94	2.27	PE Ø63			I=2.01%
708.16	706.99	1.16	707.16	707.09	A.0.183		33.55				721.60	721.55	
						59.35		0.94	2.27	PE Ø63			I=9.28%
713.66	712.50	1.16	712.66	712.60	A.0.184		92.89				720.10	720.06	
						50.49		0.94	2.27	PE Ø63			I=4.79%
716.08	714.92	1.16	715.08	715.02	A.0.185		143.39				718.83	718.79	
						50.49		0.94	2.27	PE Ø63			I=4.81%
718.51	717.35	1.16	717.51	717.45	A.0.186		193.88				717.56		

6+700,00
6+800,00
6+900,00
7+0,00
7+100,00
7+200,00
7+300,00
7+400,00
7+500,00
7+600,00
7+700,00
7+800,00
7+900,00
8+0,00
8+100,00