

- № 12 / 12.07.2018г.
- ВЪЗЛОЖИТЕЛ: **ОБЩИНА АПРИЛЦИ**
 - ОБЕКТ: "Обновяване на площи за широко обществено ползване, предназначени за трайно задоволяване на обществените потребности от общинско значение – площад - ПИ 52218.530.411 и парк ПИ 52218.530.444 в гр. Априлци, Община Априлци"
 - ПОДОБЕКТ: **Площад - ПИ 52218.530.411**
 - ЧАСТ: **ГЕОДЕЗИЯ**
 - ФАЗА: **РАБОТЕН ПРОЕКТ**

ОБЩИНА АПРИЛЦИ
ОДОБРЯВАМ
С НАНЕСЕНИТЕ ПОПРАВКИ

съгл. п-л № и р-ше №
на ОЕСУТ от
/компл. доклад за оценка.....*

Гл. архитект:
гр. Априлци



КАМАРА НА ИНЖЕНЕРИТЕ В ИНВЕСТИЦИОННОТО ПРОЕКТИРАНЕ

ПЪЛНА ПРОЕКТАНТСКА ПРАВОМОЩНОСТ

Регистрационен № 06744

ИНЖ. РУМЕН
ИВАНОВ СЪРТОНЕВ

Подпис:

Личи с валидно удостоверение за срок за текущата година

- ПРОЕКТАНТ:
- Инж. Румен Съртонев

СЪГЛАСУВАЛИ:

Арх. Сияна Янчева	Част Архитектура	
Инж. Пламен Буланов	Част Пътна	
Инж. Цветан Христов	Част Електро	
Л.арх. Велина Симеонова	Част Ландшафтна архитектура	
ОБЩИНА АПРИЛЦИ	Възложител	

ОБЯСНИТЕЛНА ЗАПИСКА

ОБЕКТ: "Обновяване на площи за широко обществено ползване, предназначени за трайно задоволяване на обществените потребности от общинско значение – площад - ПИ 52218.530.411 и парк ПИ 52218.530.444 в гр. Априлци, Община Априлци"

ПОДОБЕКТ: Площад - ПИ 52218.530.411

ЧАСТ: ГЕОДЕЗИЯ – "ГЕОДЕЗИЧЕСКО ЗАСНЕМАНЕ, ТРАСИРОВЪЧЕН ПЛАН И ВЕРТИКАЛНА ПЛАНИРОВКА"

ВЪЗЛОЖИТЕЛ: ОБЩИНА АПРИЛЦИ

ИЗПЪЛНИТЕЛ: "МАГ-ГИС" ЕТ - СТАРА ЗАГОРА



1. Общи положения:

1.1. Правни основания.

Работите по изготвяне на проект за подобект: **Площад - ПИ 52218.530.411** са извършени на основание договор с възложителят **ОБЩИНА АПРИЛЦИ**.

1.2. Характеристики на района.

Терена върху който е изграден обекта е наклонен посока изток – запад .

2. Геодезическо заснемане - характерни особености.

2.1 Начин на измерване.

Измерванията са извършени с двучестотен GPS приемник Leica Viva GS08 и тотална станция на фирмата " SOKKIA – SET 230R3 " Japan.

Опорните точки са определени в RTK режим от перманентната мрежа на „СМАРТ БУЛ.НЕТ“, имаща Удостоверение за оценка на съответствие № 003/2014 г. Използвани са трансформационни параметри, изведени при изработване на ГММП на съдебен регион Стара Загора. На всяка от точките са извършени измервания по най-малко 5 сек. при фиксирано еднозначно решение. При извършване на GPS измерванията са спазени разпоредбите на Инструкция № РД-02-20-25 от 20.09.2011 г. за определяне на точки с помощта на ГНСС. Определени са дванадесет опорни точки 110001, 110002, 110003, 110004, 110005, 110006, 110007, 110008, 110009, 111001, 111002 и 111003.

Координатната система на подробните точки е Координатна система 1970 г., а Височинната система е Балтийска.

2.2 Изходна геодезична основа .

Като РГО точки при геодезическото заснемане са използвани: новоопределените точки 110001, 110002, 110003, 110004, 110005, 110006, 110007, 110008, 110009, 111001, 111002 и 111003.

ПОДОБЕКТ: Площад - ПИ 52218.530.411

2.3 Начин на изчисление .

Изчисленията са извършени с програмен продукт TPLAN. Координатната система е 1970г, а Височинната система Балтийска.

2.4 Подробна снимка.

Заснети са всички елементи, представляващи елементи на плана, съгласно изискванията на ЗУТ и ЗКИР и чл. 17 от Наредба 14 от 23.07.2001 год., както и необходимите допълнителни елементи във връзка с проектирането.

2.5 Точност на измерванията.

Точността на измерване на тотална станция е: 2" за измерване на хоризонтални и зенитни ъгли, а разстоянията се измерват с точност до 1 мм. За точността на измерванията и изчисленията може да се съди изключително по приложените разпечатки разпечатки от координатовите и тригонометричните изчисления.

3. План за вертикално планиране.

3.1. Проектна площадка.

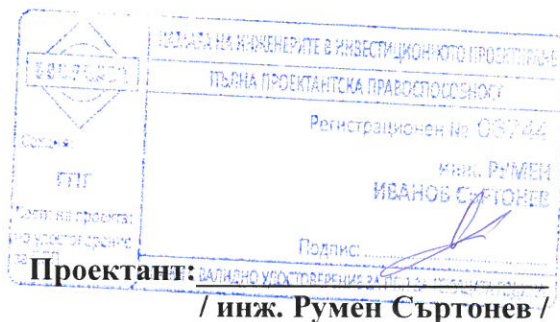
Проектните алеи и други елементи от парка са ситуирана съгласно разработения застроителен план в М=1:500 и разработения идеен проект в цифров вид, чрез проектни коти на характерни точки.

3.2. Трасировъчен план.

За трасиране на алеите е изработен трасировъчен план.

В трасировъчния план са дадени координатите на необходимите за трасиране елементи. Координатите са в Координатна система 1970 г. и Координатна система БГС 2005 г.

Трасировъчните данни са в съответствие с чертеж-част архитектурна – Ситуация, предоставени от арх. С. Янчева.



ПОДОБЕКТ: Площад - ПИ 52218.530.411

GPS - измерения

Име	N	E	Z	B	L	H	AntH	σN	σE	σZ	Усреднения	Статус	СтартМестно време	КрайМестно време
pt1	4745198.9527	452657.7964	556.0481	42:50:27.00605	24:55:15.08689	556.0481	2.0709	0.0120	0.0060	0.0200	1	RTK Fix	2018-06-08 12:51:54.0	2018-06-08 12:51:54.0
pt2	4745180.0093	452601.3415	554.5811	42:50:26.37960	24:55:12.60646	554.5811	2.0709	0.0110	0.0060	0.0190	1	RTK Fix	2018-06-08 12:53:19.0	2018-06-08 12:53:19.0
pt3	4745103.4325	452580.1009	554.4631	42:50:23.89321	24:55:11.69422	554.4631	2.0709	0.0090	0.0060	0.0180	1	RTK Fix	2018-06-08 12:54:57.0	2018-06-08 12:54:57.0
pt4	4745103.4283	452580.1009	554.4601	42:50:23.89307	24:55:11.69422	554.4601	2.0709	0.0090	0.0060	0.0180	1	RTK Fix	2018-06-08 12:55:02.0	2018-06-08 12:55:02.0
pt5	4744979.0216	452447.2416	552.8781	42:50:19.83177	24:55:05.88116	552.8781	2.0709	0.0060	0.0050	0.0120	1	RTK Fix	2018-06-09 05:17:21.0	2018-06-09 05:17:21.0
pt6	4745009.5992	452423.0013	553.1931	42:50:20.81731	24:55:04.80444	553.1931	2.0709	0.0110	0.0090	0.0240	1	RTK Fix	2018-06-09 05:18:05.0	2018-06-09 05:18:05.0
pt7	4745037.2190	452408.0848	552.8101	42:50:21.70907	24:55:04.13919	552.8101	2.0709	0.0150	0.0120	0.0320	1	RTK Fix	2018-06-09 05:18:48.0	2018-06-09 05:18:48.0
pt8	4745078.2900	452433.7438	552.1761	42:50:23.04581	24:55:05.25668	552.1761	2.0709	0.0080	0.0060	0.0160	1	RTK Fix	2018-06-09 05:19:35.0	2018-06-09 05:19:35.0
pt9	4745107.8759	452460.2175	551.9051	42:50:24.01052	24:55:06.41354	551.9051	2.0709	0.0080	0.0060	0.0160	1	RTK Fix	2018-06-09 05:20:17.0	2018-06-09 05:20:17.0
pt1001	4745198.9337	452657.7789	555.9881	42:50:27.00543	24:55:15.08613	555.9881	2.0709	0.0090	0.0050	0.0250	1	RTK Fix	2018-06-09 08:24:26.0	2018-06-09 08:24:26.0
pt1002	4745180.0252	452601.3507	554.5631	42:50:26.38011	24:55:12.60687	554.5631	2.0709	0.0090	0.0060	0.0290	1	RTK Fix	2018-06-09 08:25:46.0	2018-06-09 08:25:46.0
pt1004	4745103.4363	452580.0964	554.4231	42:50:23.89333	24:55:11.69402	554.4231	2.0709	0.0080	0.0050	0.0210	1	RTK Fix	2018-06-09 08:27:22.0	2018-06-09 08:27:22.0

КАРНЕТ ЗА ИЗМЕРВАНЕ НА ЪГЛИ И РАЗСТОЯНИЯ.DPI

Ns	Ts	Nt	T	Hz	V	S
110001	1.527	110002	1.475	260.9944	101.6416	59.5700
		110002	1.475	60.9976	298.3650	59.5730
		1	1.475	104.4050	100.4372	33.1600
		2	1.475	106.3034	100.2422	30.4200
		3	1.475	103.0742	99.8324	29.9500
		4	1.475	105.4520	100.1358	26.1080
		5	1.475	103.9706	100.1006	26.2590
		6	1.475	94.1804	100.1032	25.6380
		7	1.475	93.5726	100.0620	28.5090
		8	1.475	79.8382	100.1368	29.8610
		9	1.475	76.0868	100.0934	23.8090
		10	1.475	75.9100	101.3596	23.8920
		11	1.475	123.9234	100.5380	26.3110
		12	1.475	111.8924	100.5370	18.9380
		13	1.475	170.4716	102.1014	15.7760
		14	1.475	192.4306	102.2704	6.0050
		15	1.475	3.5786	99.3114	5.5000
		16	1.475	3.1198	104.7878	5.6600
		17	1.475	331.6746	101.3272	6.5850
		18	1.475	336.2108	103.9736	6.4720
		19	1.475	339.6412	101.4304	10.4960
		20	1.475	363.8752	101.9890	9.4360
		21	1.475	384.2098	102.8808	8.8660
		22	1.475	370.5230	103.0646	8.3130
		23	1.475	24.6378	104.1116	9.4070
		24	1.475	57.7750	102.8214	16.4550
		25	1.475	64.5014	101.7642	23.1400
		26	1.475	65.5380	101.2138	30.7610
		27	1.475	63.9094	100.7150	39.7020
		28	1.475	65.7494	100.6780	39.8790
		29	1.475	59.4994	101.1050	33.2850
		30	1.475	69.3734	101.3202	32.9430
		31	2.600	77.1334	99.2306	32.0400
		32	13.00	78.6344	98.1828	38.1390
		33	1.475	55.9876	101.5146	23.6930
		34	1.475	37.8430	102.4958	15.1850
		35	1.475	8.6780	102.7078	12.1610
		36	1.475	393.6132	102.0186	12.5770
		37	1.475	384.4634	100.4926	15.4080
		38	1.475	364.1428	100.7986	12.3110
		39	1.475	361.5524	100.8586	17.3870
		40	1.475	350.5670	101.3404	16.0840
		41	1.475	347.6070	101.4956	15.6320
		42	1.475	338.8384	101.6916	16.1740
		43	1.475	323.6776	101.9084	17.7800
		44	1.475	297.2620	102.0980	27.9370
		45	1.475	286.5400	102.2604	25.5250
		46	1.475	275.8562	102.0446	24.2290
		47	1.475	244.3366	102.2878	22.9030
		48	1.475	226.6108	102.2384	24.4500
		49	1.475	273.8586	102.1496	35.9270
		50	1.475	280.4990	102.1464	51.1400
		51	1.475	274.4034	102.2072	49.4000
		52	1.475	267.9992	101.9168	48.3110
		53	1.475	267.5680	101.9318	49.1060
		54	1.475	252.7538	101.7636	49.0220
						*
110002	1.530	110001	1.475	21.5728	98.4828	59.5640
		110001	1.475	221.5718	301.5284	59.5590
		55	1.475	59.1922	99.5838	13.3010
		56	1.475	60.2740	99.7956	12.8450
		57	1.475	63.2856	97.6796	13.2250
		58	1.475	70.6562	97.6642	14.7390
		59	1.475	78.3314	91.9014	16.9110
		60	1.475	75.9444	92.1834	17.3620
		61	1.475	92.0892	90.6062	14.7670
		62	1.475	95.7786	90.3386	14.3810

КАРНЕТ ЗА ИЗМЕРВАНЕ НА ЪГЛИ И РАЗСТОЯНИЯ.DPI

63	1.475	104.5388	91.1508	15.6830
64	1.475	96.7030	92.0408	17.6530
65	1.475	105.3016	91.5714	16.0350
66	1.475	117.9160	92.4820	18.8350
67	1.475	111.8112	91.9350	15.9300
68	1.475	103.8154	93.0080	15.1080
69	1.475	96.3858	93.3228	14.1310
70	1.475	90.7568	94.6278	13.4450
71	1.475	115.1844	95.1294	12.4630
72	1.475	113.0796	93.2956	14.6660
73	1.475	125.0438	98.4144	12.5840
74	1.475	112.9684	97.9252	10.7090
75	1.475	86.0810	97.3380	11.5460
76	1.475	58.3144	99.5958	16.9420
77	1.475	85.3616	96.9548	12.2450
78	1.475	77.9188	96.6798	10.4380
79	1.475	74.5476	99.8138	9.8840
80	1.475	78.8548	97.3408	9.6740
81	1.475	132.1084	97.4636	7.7830
82	1.475	139.8090	97.7078	7.9030
83	1.475	140.8576	100.6116	7.8550
84	1.475	133.9532	100.3702	12.1180
85	1.475	130.7960	100.4158	12.0660
86	1.475	129.7998	98.0778	11.8050
87	1.475	132.8138	98.4756	11.8040
88	1.475	128.0464	99.4696	18.1380
89	1.475	127.0228	98.3328	18.0780
90	1.475	126.0338	98.3324	17.5720
91	1.475	127.3442	96.7512	20.1160
92	1.475	138.9866	100.1366	19.7650
93	1.475	151.2810	99.9114	22.6440
94	1.475	149.4904	99.9840	22.4410
95	1.475	150.2410	99.6798	21.1910
96	13.00	147.8966	75.7802	33.0800
97	1.475	153.7526	100.4900	17.1050
98	1.475	159.2562	99.3724	17.0920
99	1.475	158.2140	100.3828	16.8090
100	1.475	177.9106	100.9526	12.0970
101	1.475	177.9664	99.1184	12.5550
102	1.475	198.4976	100.8628	21.8290
103	1.475	197.3478	99.6034	21.9120
104	1.475	199.0348	100.8476	25.4230
105	1.475	193.8426	101.4278	25.5990
106	1.475	193.5150	99.7876	25.4030
107	1.475	199.4186	100.8350	27.8890
108	1.475	197.1192	101.0604	32.5600
109	1.475	193.9944	100.9968	32.3670
110003	1.475	196.4720	100.9770	35.2170
110003	1.475	396.4688	299.0296	35.2220
110	1.475	394.6386	99.6618	6.6300
111	1.475	391.8558	96.2084	6.5600
112	1.475	361.2772	100.7192	3.2130
113	1.475	349.0738	95.7968	4.9370
114	1.475	345.0580	100.4378	5.0480
115	1.475	345.0890	102.1724	5.1230
116	1.475	307.0298	102.9336	7.2700
117	1.475	308.9086	102.7954	8.5980
118	1.475	308.4580	102.9778	10.7940
119	1.475	310.7292	102.0508	15.8940
120	1.475	328.9382	101.7994	15.4030
121	2.600	268.7676	98.6898	23.6320
122	2.600	267.8492	98.7704	24.7310
123	2.600	269.0200	98.8232	25.6640
124	2.600	259.4706	98.7842	23.6380
125	2.600	254.1802	98.6672	21.9340
126	2.600	249.1018	98.0390	19.3920
127	1.475	242.2498	101.4294	7.4740
128	1.475	244.8996	97.6364	7.2700

КАРНЕТ ЗА ИЗМЕРВАНЕ НА ЪГЛИ И РАЗСТОЯНИЯ.DPI

	129	1.475	268.4186	101.8920	3.7080	
	130	1.475	285.9150	97.0022	5.3430	
	131	1.475	287.4834	101.3542	5.3110	
	132	1.475	287.6372	103.8094	5.4660	
	133	1.475	245.8364	101.3236	12.6470	
	134	1.475	234.8784	101.2834	11.8110	
	135	1.475	235.6234	99.4458	12.1460	
	136	1.475	230.5632	101.1848	15.9900	
	137	1.475	237.7394	99.4890	16.1020	
	138	1.475	238.3394	101.1944	16.5000	
	139	1.475	239.1596	102.5608	16.7050	
	140	1.475	235.1702	101.5936	20.8790	
	141	1.475	235.0872	101.1436	20.8570	
	142	1.475	233.8282	99.8176	21.1200	
	143	1.475	228.6042	101.1326	20.4240	
	144	1.475	224.2886	101.0750	24.0010	
	145	1.475	225.6202	99.8978	23.8400	
	146	1.475	229.0284	99.9432	24.4390	
	147	1.475	229.3172	101.0600	24.8980	
	148	1.475	229.9208	101.3774	24.9710	
	149	1.475	233.0322	101.2646	27.2660	
	150	1.475	227.7228	101.4038	28.9210	
	151	1.475	230.7986	101.3060	31.7840	
	152	1.475	227.3604	101.3328	32.4650	
	153	1.475	225.7528	101.3256	29.0980	
	154	1.475	225.3804	101.0134	28.9830	
	155	1.475	224.7598	100.0556	29.1950	
	156	1.475	221.3214	100.9944	28.2990	
	157	1.475	222.4224	101.2700	33.2610	
	158	1.475	222.5036	100.9462	33.2350	
	159	1.475	222.3226	100.2318	32.6670	
	160	2.600	255.6524	98.6138	21.2670	
	161	2.600	243.2948	99.2088	29.7810	
	162	2.600	235.8914	99.5572	37.0160	
	163	2.600	247.2558	99.4084	38.2620	
	164	2.600	238.2566	99.7376	51.3520	
	165	2.600	237.5642	99.8932	57.1120	
	166	2.600	234.1478	99.6914	51.9860	*
110003	1.530	110002	1.475	104.0292	99.2406	35.2160
		110002	1.475	304.0268	300.7658	35.2190
		168	1.475	138.4324	101.0828	2.4700
		169	1.475	195.7240	100.3756	3.5040
		170	1.475	188.9306	100.2908	3.9270
		171	1.475	233.2468	99.3888	14.8420
		172	1.475	234.3142	99.4702	16.4390
		173	1.475	233.4476	98.8928	16.4590
		174	1.475	258.0892	99.9898	17.3790
		175	1.475	245.1816	99.8756	17.1020
		176	1.475	245.2330	99.7522	25.6800
		177	1.475	248.9162	99.4684	26.4030
		178	1.475	249.0254	99.4354	25.7990
		179	1.475	252.1324	99.3316	23.5990
		180	1.475	238.1270	99.6182	26.7870
		181	1.475	244.6882	99.7408	26.7300
		182	1.475	245.1146	99.5708	35.5150
		183	1.475	239.9556	99.6050	35.7740
		184	1.475	239.9060	99.4988	36.5120
		185	1.475	239.6706	97.6802	33.9110
		186	1.475	241.5798	97.6560	33.7710
		187	1.475	240.7710	97.2780	28.8970
		188	1.475	248.9346	99.5848	36.6140
		189	1.475	244.1468	99.4296	40.3360
		190	1.475	244.9210	99.4160	41.5360
		191	1.475	245.0498	99.7468	41.7160
		192	1.475	248.2228	99.8342	47.4430
		193	1.475	243.1658	99.7340	49.8910
		110004	1.475	243.4592	99.6332	53.6830
		110004	1.475	43.4532	300.3726	53.6930

КАРНЕТ ЗА ИЗМЕРВАНЕ НА ЪГЛИ И РАЗСТОЯНИЯ.DPI

194	1.475	269.3686	100.0458	43.0010
195	1.475	267.3348	99.9546	36.8030
196	1.475	267.3210	99.7454	36.7070
197	1.475	277.5224	99.7520	30.1660
198	1.475	290.6968	100.1846	30.8740
199	1.475	289.2532	100.1086	34.6630
200	1.475	295.9196	100.1964	37.4260
201	1.475	295.9036	100.1786	37.3560
202	1.475	290.0710	100.1900	37.0570
203	1.475	290.0244	99.9282	36.9950
204	1.475	293.7932	100.2300	44.1450
205	1.475	293.2736	100.3194	45.8510
206	1.475	306.0160	100.2472	49.0510
207	1.475	293.2258	100.2854	45.8980
208	1.475	290.7596	100.2850	19.2060
209	1.475	289.8390	98.7968	18.8620
210	1.475	290.8312	100.3758	14.9620
211	1.475	281.3316	100.3962	15.0290
212	1.475	283.2752	98.5670	15.3730
213	1.475	281.1318	100.3704	15.2640
214	1.475	266.7296	99.7808	19.8480
215	1.475	398.7008	100.9828	12.1160
216	1.475	392.6166	101.0680	12.0450
217	1.475	385.5826	100.5670	14.1220
218	1.475	392.0634	100.8232	18.4860
219	1.475	390.8100	100.8374	18.5400
220	1.475	395.8828	101.1028	22.5390
221	1.475	390.9926	101.1560	23.1940
222	1.475	390.7536	100.7170	23.0840
223	1.475	370.5540	101.0598	27.7370
224	1.475	365.1704	100.5102	26.5270
225	1.475	362.5666	100.6146	15.8670
226	1.475	350.4580	100.8842	15.0240
227	1.475	345.4164	100.8544	16.0610
228	1.475	346.2686	100.4658	18.2420
229	1.475	360.5888	100.6430	26.9610
230	1.475	361.8440	100.7176	25.8310
231	1.475	333.4968	100.7218	22.8340
232	1.475	320.2126	100.5200	27.4120
233	1.475	328.4302	100.6602	29.5410
234	1.475	322.7226	100.5224	33.8580
235	1.475	319.1608	100.4976	32.6620
236	1.475	317.9450	100.4400	33.4060
237	1.475	317.9042	100.4674	35.3270
238	1.475	312.3750	100.3866	39.4080
239	1.475	311.4368	100.3818	40.0400
240	1.475	325.4466	100.5636	41.2860
241	1.475	328.6250	100.6850	43.7860
242	1.475	334.2384	100.9142	48.6340
243	1.475	330.8436	100.8988	46.4550
244	1.475	330.8996	100.7056	46.3200
245	1.475	335.8938	100.7600	46.3160
246	1.475	337.1092	100.6056	44.1130
247	1.475	348.2022	100.6254	43.0870
248	1.475	344.2550	100.6554	40.3990
249	1.475	354.6150	100.4906	40.8110
250	1.475	357.1916	100.8362	43.1700
251	1.475	359.3958	100.8344	42.9120
252	1.475	360.8674	100.8416	41.9450
253	1.475	360.2376	100.5128	42.0510
254	1.475	356.5004	100.5790	41.9890
255	1.475	349.3236	100.6938	38.5260
256	1.475	350.3152	100.6206	37.5290
257	1.475	348.4560	100.7164	36.8420
258	1.475	348.9980	100.7302	35.7080
259	1.475	350.0930	100.6716	34.5380
260	1.475	349.0496	100.6974	35.7130
261	1.475	344.9378	100.5556	40.2860

КАРНЕТ ЗА ИЗМЕРВАНЕ НА ЪГЛИ И РАЗСТОЯНИЯ.DPI

262	1.475	345.3192	100.7334	38.7030	
263	1.475	343.7834	100.4408	36.6310	
264	1.475	344.1226	100.4120	35.9130	
265	1.475	344.0922	100.4528	35.6900	
266	1.475	344.3646	100.5972	34.8840	
267	1.475	342.3452	100.4520	34.3070	
268	1.475	342.7974	100.4946	33.7710	
269	1.475	343.8152	100.4750	35.5840	
270	1.475	340.0872	100.5160	33.8630	
271	1.475	338.9952	100.3972	35.6320	
272	1.475	338.6040	100.4118	36.5580	
273	1.475	339.0508	100.4498	36.7830	
274	1.475	338.5050	100.5256	37.6420	
275	1.475	334.8130	100.6852	37.6660	
276	1.475	334.1592	100.7890	36.5510	
277	1.475	332.0132	100.7686	36.1120	
278	1.475	332.5318	100.7290	34.8600	
279	1.475	331.5330	100.7364	34.5150	
280	1.475	331.8788	100.7630	33.4750	
281	1.475	338.5000	100.4544	35.3680	
282	1.475	338.9630	100.4832	34.8140	
283	1.475	338.8364	100.5086	34.5110	
284	1.475	339.4706	100.7252	33.7940	
285	1.475	341.2560	100.4788	34.1300	
286	1.475	341.9120	100.5000	33.5780	
287	1.475	335.8172	100.7102	31.2600	
288	1.475	334.8412	100.7642	32.6270	
289	1.475	8.5608	101.2190	14.7780	
290	1.475	355.6016	101.1116	57.2520	
291	1.475	355.4844	101.0754	54.7770	
292	1.475	353.6126	101.0410	53.6480	
293	1.475	345.4738	100.9876	55.7880	
294	1.475	344.2620	101.0256	56.5310	
295	1.475	344.2930	101.0680	58.1940	
296	1.475	350.3654	101.2056	66.8570	
297	1.475	352.0780	101.2352	67.8040	
298	1.475	353.4290	101.2502	67.0320	
299	1.475	353.6834	101.2506	66.4280	
300	1.475	344.6632	101.2514	75.4030	
301	1.475	331.7612	100.9738	62.7580	
302	1.475	320.1878	100.7880	54.5450	
303	1.475	359.4404	101.3828	82.9280	
304	1.475	367.0032	101.1384	59.3380	
305	1.475	379.1090	100.8476	41.3810	
306	1.475	377.1650	100.9644	35.4800	*
110004 1.470	110003	1.475	189.9556	100.4394	53.6750
	110003	1.475	389.9500	299.5696	53.6650
	307	1.475	223.2856	99.1508	14.4670
	308	2.600	237.2094	96.4812	22.9590
	309	2.600	254.5438	97.9204	17.9840
	310	2.600	256.9880	96.7988	17.5610
	311	2.600	255.8464	97.8726	17.1360
	312	2.600	268.4932	97.7096	15.3770
	313	2.600	267.6564	96.5770	16.2140
	314	2.600	274.1232	98.0322	19.6830
	315	2.600	272.3452	97.0668	19.8120
	316	2.600	273.9164	97.7830	20.2980
	317	2.600	274.6848	97.8132	21.4150
	318	2.600	274.9558	97.8258	21.7380
	319	2.600	275.8094	97.8580	22.8880
	320	2.600	278.6696	97.8238	28.7110
	321	2.600	279.6232	97.7736	29.0860
	322	2.600	281.0244	97.9232	26.1030
	323	2.600	279.9482	97.5180	16.9020
	324	2.600	272.5970	97.9118	14.5060
	325	2.600	272.0872	97.8168	13.5880
	326	2.600	272.3496	98.8412	13.4780
	327	2.600	291.0390	97.6976	15.5560

КАРНЕТ ЗА ИЗМЕРВАНЕ НА ЪГЛИ И РАЗСТОЯНИЯ.DPI					
	328	2.600	292.9336	98.4306	14.4940
	329	2.600	326.2638	98.0304	8.9000
	330	2.600	275.0466	99.9938	3.2960
	331	2.600	201.1664	101.6386	3.6040 *
110005	1.498	110006	1.475	376.2008	99.5388
		110006	1.475	176.1900	300.4718
		500	1.475	168.9970	100.4910
		501	1.475	157.8020	99.9602
		502	1.475	158.8096	100.0282
		503	1.475	162.3062	99.9170
		504	1.475	168.0708	99.8750
		505	1.475	159.9506	99.8604
		506	1.475	158.2640	100.0798
		507	1.475	153.6120	100.8976
		508	1.475	147.4362	100.0862
		509	1.475	130.1910	99.9036
		510	1.475	135.4628	101.9684
		511	1.475	140.9348	100.5866
		512	1.475	120.7204	100.5484
		513	1.475	123.6182	100.3882
		514	1.475	121.4410	100.2880
		515	1.475	108.2936	99.6354
		516	1.475	100.2278	99.7780
		517	1.475	85.7342	100.0612
		518	1.475	87.4674	100.0294
		519	1.475	96.9576	100.5274
		520	1.475	68.5586	100.3320
		521	1.475	29.7534	100.5922
		522	1.475	32.2114	100.5922
		523	1.475	26.3410	100.8584
		524	1.475	108.9908	99.6216
		525	1.475	119.0222	99.5478
		526	2.600	119.9004	99.9216
		527	1.475	89.9886	100.1494
		528	2.600	91.0554	99.9134
		529	1.475	80.4466	100.3886
		530	2.600	81.1484	99.2618
		531	1.475	73.4258	100.6322
		532	3.000	74.9022	100.5598
		533	1.475	70.9456	100.5946
		534	1.475	66.1990	100.8390
		535	1.475	59.8060	100.8040
		536	1.475	52.4192	100.7862
		537	1.475	58.3030	101.5676
		538	1.475	45.1638	100.7276
		539	1.475	43.4240	100.6994
		540	1.475	45.9570	100.5734
		541	1.475	44.2720	100.6166
		542	1.475	49.0124	100.6482
		543	1.475	53.1662	100.6274
		544	1.475	52.7682	100.6160
		545	1.475	54.9956	100.6464
		546	1.475	44.6688	100.7628
		547	1.475	49.9430	100.6146
		548	1.475	45.7008	100.5848
		549	1.475	49.5078	100.5540
		550	1.475	45.9526	100.3090
		551	1.475	70.0324	100.4646
		552	1.475	46.1296	100.5730
		553	1.475	36.9612	100.4184
		554	1.475	33.4796	100.2700
		555	1.475	33.3854	100.4602
		556	1.475	34.7074	100.6126
		557	1.475	36.4214	100.5850
		558	1.475	55.0038	100.6496
		559	1.475	52.6996	100.5706
		560	1.475	53.1746	100.5708
		561	1.475	48.9990	100.6660

КАРНЕТ ЗА ИЗМЕРВАНЕ НА ЪГЛИ И РАЗСТОЯНИЯ.DPI					
	562	1.475	44.2788	100.6212	74.7720
	563	1.475	45.9412	100.5814	77.5210
	564	1.475	43.3532	100.6366	78.0090
110008 1.520	110007	1.475	169.7668	99.2880	48.4230
	110007	1.475	369.7598	300.7176	48.4200
	565	0.090	170.7786	101.1884	38.4010
	566	0.090	174.5434	101.2740	38.1200
	567	1.475	166.7122	99.2148	41.4370
	568	1.475	167.2556	98.8638	29.6140
	569	1.475	165.4002	99.5386	29.9800
	570	1.475	162.9716	99.4854	30.7610
	571	1.475	162.8426	99.7762	33.4590
	572	1.475	160.0416	99.7224	36.8310
	573	1.475	154.6292	99.3750	34.8960
	574	1.475	155.8932	99.5702	30.9710
	575	1.475	147.0684	99.3604	36.0930
	576	1.475	135.9358	99.6314	30.3480
	577	1.475	131.2852	99.5316	33.4760
	578	1.475	134.1662	99.5314	35.9940
	579	1.475	124.9734	99.4266	54.5340
	580	1.475	124.6820	99.5218	57.4590
	581	1.475	121.5546	99.5340	57.1630
	582	1.475	121.7200	99.6566	61.9060
	583	1.475	119.8500	99.5230	62.2630
	584	1.475	131.8132	99.6560	54.1240
	585	1.475	105.4024	99.9870	38.5400
	586	1.475	115.3710	99.8248	30.6410
	587	1.475	115.0852	99.8910	47.9990
	588	1.475	113.6218	99.5616	56.4580
	589	1.475	107.0364	99.8370	50.0380
	590	1.475	104.2972	99.8114	43.6800
	591	1.475	99.3106	99.6238	29.9490
	592	1.475	124.1154	99.5608	45.5980
	593	1.475	122.7166	99.6702	40.4600
	594	1.475	130.8958	99.7352	25.2700
	595	1.475	80.5868	99.5606	28.2760
	596	0.200	33.2578	103.6734	25.3590
	597	0.200	24.9976	103.8826	23.7630
	598	0.400	25.6372	102.9260	27.4630
	599	0.500	393.4248	104.5720	17.3610
	600	1.475	57.5936	102.2598	6.9310
	601	1.475	47.4794	100.8710	16.9170
	602	1.475	19.9330	101.2408	13.8020
	603	1.475	156.8368	100.2480	20.6830
	604	1.475	160.9460	99.3592	20.8930
	605	1.475	168.0994	99.2686	20.7510
	606	1.475	175.7446	101.5876	10.8540
	607	1.475	170.0924	99.3114	10.6540
	608	1.475	156.0198	99.3776	10.3150
	609	1.475	141.7938	100.7550	8.6160
	610	1.475	32.1086	105.0610	3.7620
	611	1.475	355.8700	101.2282	4.8730
	612	1.475	345.1994	104.3790	4.2940
	613	1.475	309.3076	103.7008	5.3130
	614	1.475	379.6720	100.9534	17.6780
	615	1.475	381.3696	102.0630	17.6860
	616	1.475	385.3354	100.3324	4.9550
	617	1.475	378.3072	100.9188	11.6540
	618	1.475	365.8128	100.9290	11.9670
	619	1.475	380.6948	100.8216	30.1410
	620	1.475	375.5540	100.7152	30.1390
	110009	1.475	380.6794	100.5332	39.6930
	110009	1.475	180.6744	299.4716	39.6970
110009 1.495	110008	1.475	230.2844	99.5866	39.6910
	110008	1.475	30.2780	300.4214	39.6950
	621	1.475	245.9718	100.3380	9.9250
	622	1.475	230.0352	100.5728	9.6160
	623	1.475	229.3140	100.4278	13.2770

КАРНЕТ ЗА ИЗМЕРВАНЕ НА ЪГЛИ И РАЗСТОЯНИЯ.DPI

		624	1.475	204.0866	103.2250	8.1630	
		625	1.475	169.7414	100.6854	17.5870	
		626	1.475	167.2766	99.8842	28.3770	
		627	1.475	154.8610	100.3498	33.2850	
		628	1.475	159.4432	100.1182	32.7040	
		629	1.475	158.8314	100.2086	35.6630	
		630	1.475	152.5704	100.0734	60.6000	
		631	1.475	146.8738	100.3442	47.1280	
		632	1.475	149.6860	100.4322	41.9060	
		633	1.475	155.1286	100.1294	49.8050	
		634	1.475	139.3206	100.2130	31.9630	
		635	1.475	137.4054	99.6848	19.8530	
		636	1.475	137.5900	100.6476	14.4650	
		637	1.475	121.3798	103.6306	7.0910	
		638	3.600	55.1012	95.8932	6.6160	
		639	3.600	31.2540	93.1348	6.3300	*
110007	1.455	110008	1.475	244.6402	100.7510	48.4180	
		110008	1.475	44.6400	299.2548	48.4260	
		110006	1.475	377.5866	99.1402	31.4060	
		110006	1.475	177.5872	300.8676	31.4060	
		110006	1.475	377.5856	99.1424	31.4060	*
110006	1.456	110005	1.475	282.9188	100.4774	39.0220	
		110005	1.475	82.9156	299.5350	39.0220	
		131234	1.475	60.9156	299.5350	20.0020	
		110007	1.475	94.1424	100.7750	31.4120	
		110007	1.475	294.1424	299.2342	31.4160	*

Координати на подробните точки
Координатна с-ма - БГС2005
Височинна с-ма - Балтийска

№	East(Y)	North(X)	Z
1	452688,848	4745187,329	513,180
2	452685,951	4745187,445	513,292
3	452686,055	4745189,043	513,487
4	452682,090	4745189,400	513,352
5	452682,447	4745189,915	513,367
6	452682,932	4745193,921	513,366
7	452685,799	4745193,625	513,380
8	452687,641	4745199,781	513,344
9	452681,512	4745201,013	513,373
10	452681,583	4745201,086	512,898
11	452678,501	4745182,723	513,186
12	452674,627	4745190,279	513,248
13	452660,538	4745183,425	512,887
14	452656,778	4745193,037	513,194
15	452659,654	4745204,126	513,467
16	452659,665	4745204,276	512,983
17	452653,144	4745203,612	513,271
18	452653,568	4745203,837	513,004
19	452651,367	4745207,245	513,172
20	452655,201	4745208,019	513,113
21	452658,156	4745207,801	513,007
22	452656,356	4745207,129	513,008
23	452663,666	4745206,274	512,801
24	452673,093	4745204,962	512,679
25	452680,094	4745205,091	512,767
26	452687,573	4745206,632	512,822
27	452695,967	4745209,845	512,962
28	452696,438	4745208,781	512,983
29	452689,085	4745210,277	512,830
30	452690,122	4745205,241	512,725
31	452689,750	4745201,200	512,670
32	452695,873	4745200,730	0,000
33	452679,586	4745208,227	512,844
34	452669,520	4745208,579	512,813
35	452662,806	4745210,018	512,891
36	452660,150	4745211,299	513,009
37	452658,485	4745214,342	513,289
38	452654,459	4745210,800	513,254
39	452652,408	4745215,480	513,174
40	452650,261	4745213,157	513,069
41	452649,839	4745212,402	513,041
42	452647,731	4745211,605	512,978
43	452643,763	4745209,859	512,875
44	452630,714	4745205,748	512,488
45	452632,362	4745200,925	512,502
46	452633,677	4745196,767	512,630
47	452638,718	4745186,304	512,585
48	452641,924	4745180,373	512,549
49	452622,155	4745194,592	512,195
50	452606,694	4745198,062	511,684
51	452608,742	4745193,376	511,696

Координати на подробните точки
Координатна с-ма - БГС2005
Височинна с-ма - Балтийска

52	452610,606	4745188,709	511,954
53	452609,902	4745188,215	511,918
54	452613,741	4745177,495	512,050
55	452614,167	4745176,496	512,031
56	452613,669	4745176,407	511,985
57	452613,835	4745175,707	512,426
58	452614,620	4745173,638	512,485
59	452615,481	4745170,988	514,090
60	452616,203	4745171,293	514,070
61	452611,682	4745169,695	514,115
62	452610,808	4745169,405	514,118
63	452609,998	4745167,114	514,117
64	452612,814	4745166,776	514,145
65	452610,041	4745166,707	514,061
66	452608,297	4745162,647	514,163
67	452608,596	4745165,971	513,957
68	452609,852	4745167,637	513,600
69	452610,599	4745169,438	513,423
70	452611,022	4745170,750	513,077
71	452606,453	4745168,683	512,897
72	452607,777	4745166,922	513,486
73	452604,685	4745167,881	512,257
74	452606,080	4745170,413	512,293
75	452610,240	4745172,670	512,427
76	452617,739	4745175,761	512,052
77	452610,863	4745172,334	512,530
78	452610,163	4745174,459	512,488
79	452609,973	4745175,197	511,973
80	452609,445	4745174,743	512,348
81	452602,565	4745172,329	512,254
82	452601,634	4745172,116	512,229
83	452601,503	4745172,155	511,869
84	452602,902	4745167,992	511,874
85	452603,486	4745168,135	511,865
86	452603,620	4745168,432	512,300
87	452603,070	4745168,335	512,227
88	452605,334	4745162,317	512,095
89	452605,603	4745162,447	512,417
90	452605,748	4745163,005	512,404
91	452605,980	4745160,463	512,970
92	452602,332	4745160,269	511,902
93	452598,115	4745157,596	511,976
94	452598,770	4745157,716	511,950
95	452598,665	4745158,988	512,051
96	452598,587	4745149,419	0,000
97	452598,248	4745163,186	511,812
98	452596,811	4745163,528	512,113
99	452597,152	4745163,730	511,843
100	452594,903	4745169,768	511,763
101	452594,649	4745169,386	512,118
102	452584,454	4745166,178	511,648
103	452584,642	4745165,821	512,081

Координати на подробните точки
Координатна с-ма - БГС2005
Височинна с-ма - Балтийска

104	452581,539	4745164,068	511,606
105	452582,778	4745162,390	511,370
106	452583,006	4745162,426	512,029
107	452579,513	4745162,654	511,578
108	452576,607	4745158,841	511,402
109	452577,815	4745157,785	511,437
110	452606,205	4745184,511	511,979
111	452605,946	4745184,662	512,334
112	452602,288	4745183,077	511,908
113	452601,872	4745184,904	512,270
114	452601,568	4745185,050	511,909
115	452601,574	4745185,122	511,769
116	452597,530	4745186,190	511,609
117	452597,052	4745187,450	511,567
118	452595,892	4745189,311	511,439
119	452593,807	4745193,993	511,432
120	452598,160	4745195,071	511,509
121	452579,744	4745189,589	511,305
122	452578,597	4745189,708	511,297
123	452577,928	4745190,507	511,293
124	452578,573	4745186,347	511,270
125	452579,800	4745184,115	511,278
126	452582,072	4745182,110	511,416
127	452593,868	4745180,016	511,776
128	452594,081	4745180,318	512,214
129	452597,944	4745181,492	511,834
130	452597,213	4745183,392	512,196
131	452597,318	4745183,475	511,831
132	452597,216	4745183,580	511,617
133	452588,717	4745180,733	511,681
134	452589,609	4745178,656	511,706
135	452589,259	4745178,758	512,050
136	452585,618	4745177,106	511,646
137	452585,278	4745178,885	512,073
138	452584,874	4745179,012	511,634
139	452584,668	4745179,215	511,272
140	452580,595	4745177,713	511,421
141	452580,616	4745177,688	511,569
142	452580,403	4745177,244	512,005
143	452581,383	4745175,686	511,581
144	452578,285	4745173,351	511,539
145	452578,303	4745173,875	511,982
146	452577,422	4745174,993	511,966
147	452576,953	4745175,011	511,530
148	452576,837	4745175,229	511,404
149	452574,362	4745176,103	511,402
150	452573,170	4745173,497	511,306
151	452570,071	4745174,356	511,292
152	452569,760	4745172,519	511,264
153	452573,214	4745172,583	511,338
154	452573,366	4745172,448	511,483
155	452573,233	4745172,117	511,919

Координати на подробните точки
Координатна с-ма - БГС2005
Височинна с-ма - Балтийска

156	452574,552	4745170,901	511,502
157	452569,676	4745169,851	511,281
158	452569,686	4745169,898	511,450
159	452570,251	4745169,982	511,825
160	452580,553	4745184,473	511,282
161	452571,567	4745180,527	511,189
162	452564,507	4745176,356	511,077
163	452563,203	4745183,052	511,175
164	452550,089	4745176,842	511,031
165	452544,381	4745175,868	510,915
166	452549,771	4745173,464	511,071
168	452577,254	4745157,278	511,422
169	452577,452	4745154,526	511,443
170	452578,029	4745154,575	511,446
171	452578,625	4745142,498	511,606
172	452578,768	4745140,885	511,601
173	452578,989	4745140,923	511,750
174	452572,551	4745139,613	511,467
175	452576,047	4745139,785	511,497
176	452576,640	4745131,228	511,564
177	452575,165	4745130,444	511,684
178	452575,114	4745131,047	511,693
179	452573,937	4745133,262	511,712
180	452579,683	4745130,502	511,624
181	452576,943	4745130,199	511,573
182	452577,402	4745121,424	511,703
183	452580,300	4745121,493	511,686
184	452580,441	4745120,769	511,751
185	452580,162	4745123,379	512,699
186	452579,137	4745123,374	512,707
187	452578,878	4745128,260	512,699
188	452575,287	4745120,235	511,703
189	452578,363	4745116,666	511,825
190	452577,965	4745115,430	511,845
191	452577,894	4745115,243	511,630
192	452575,955	4745109,416	511,587
193	452579,966	4745107,220	511,672
194	452561,775	4745115,871	511,433
195	452564,782	4745121,438	511,490
196	452564,815	4745121,529	511,611
197	452562,074	4745129,505	511,581
198	452556,304	4745132,142	511,374
199	452554,665	4745128,646	511,405
200	452549,996	4745128,840	511,348
201	452550,049	4745128,887	511,359
202	452552,887	4745126,978	511,353
203	452552,946	4745127,011	511,506
204	452546,658	4745122,853	511,304
205	452545,859	4745121,303	511,234
206	452536,896	4745125,742	511,273
207	452545,856	4745121,244	511,258
208	452563,288	4745141,488	511,378

Координати на подробните точки
Координатна с-ма - БГС2005
Височинна с-ма - Балтийска

209	452563,715	4745141,603	511,820
210	452565,824	4745144,891	511,375
211	452567,668	4745143,627	511,370
212	452567,097	4745143,558	511,810
213	452567,599	4745143,398	511,375
214	452569,589	4745137,698	511,532
215	452566,118	4745165,267	511,277
216	452565,410	4745164,354	511,262
217	452562,882	4745164,379	511,338
218	452560,276	4745168,245	511,225
219	452560,011	4745167,988	511,220
220	452557,953	4745171,782	511,073
221	452556,334	4745170,838	511,043
222	452556,368	4745170,704	511,204
223	452548,561	4745165,748	511,002
224	452549,074	4745163,208	511,251
225	452559,279	4745160,017	511,311
226	452559,802	4745157,011	511,255
227	452558,802	4745155,752	511,248
228	452556,610	4745155,848	511,330
229	452548,255	4745161,414	511,192
230	452549,461	4745161,723	511,173
231	452552,732	4745151,079	511,205
232	452550,310	4745144,580	511,240
233	452546,925	4745147,138	511,157
234	452543,972	4745142,902	511,186
235	452545,860	4745141,751	511,209
236	452545,501	4745140,844	511,233
237	452543,825	4745139,904	511,204
238	452542,013	4745135,020	511,225
239	452541,817	4745134,181	511,224
240	452536,510	4745141,468	511,098
241	452533,428	4745142,585	510,993
242	452527,632	4745145,118	510,766
243	452530,407	4745143,257	510,808
244	452530,522	4745143,334	510,951
245	452529,604	4745146,849	510,911
246	452531,580	4745148,148	511,044
247	452531,753	4745155,801	511,041
248	452534,579	4745153,365	511,048
249	452534,135	4745159,963	511,149
250	452531,955	4745161,883	510,897
251	452532,410	4745163,325	510,901
252	452533,523	4745164,135	510,909
253	452533,346	4745163,744	511,125
254	452533,075	4745161,292	511,082
255	452536,302	4745156,590	511,044
256	452537,300	4745157,180	511,098
258	452539,122	4745156,426	511,054
259	452540,289	4745157,033	511,099
261	452534,656	4745153,806	511,112
262	452536,218	4745154,156	511,018

Координати на подробните точки
Координатна с-ма - БГС2005
Височинна с-ма - Балтийска

265	452539,277	4745153,680	511,210
266	452540,067	4745153,900	511,137
269	452539,396	4745153,536	511,198
273	452538,560	4745150,695	511,204
275	452538,192	4745148,092	511,058
276	452539,366	4745147,986	511,011
277	452540,106	4745146,917	511,028
279	452541,714	4745147,106	511,065
280	452542,661	4745147,574	511,063
282	452540,509	4745150,977	511,200
284	452541,472	4745151,415	511,079
287	452544,311	4745150,060	511,115
289	452565,919	4745168,632	511,181
290	452517,825	4745162,104	510,464
291	452520,280	4745161,777	510,539
292	452521,285	4745160,102	510,587
293	452519,170	4745153,107	510,599
294	452518,512	4745151,984	510,553
295	452516,854	4745151,869	510,488
296	452507,985	4745157,498	510,198
297	452507,082	4745159,331	510,149
298	452507,920	4745160,723	510,148
299	452508,539	4745160,952	510,159
301	452514,562	4745139,355	510,504
302	452526,057	4745132,425	510,789
303	452492,880	4745169,425	509,663
304	452517,666	4745172,732	510,403
305	452537,773	4745175,259	510,913
306	452542,590	4745171,655	510,926
307	452586,075	4745116,613	511,966
308	452593,867	4745121,770	511,916
309	452594,366	4745114,381	511,235
310	452594,421	4745113,574	511,531
311	452593,905	4745113,584	511,221
312	452594,042	4745109,920	511,201
313	452594,697	4745110,460	511,519
314	452598,609	4745110,130	511,256
315	452598,525	4745110,687	511,560
316	452599,163	4745110,400	511,355
317	452600,298	4745110,541	511,383
318	452600,634	4745110,561	511,390
319	452601,819	4745110,648	511,418
320	452607,720	4745111,251	511,629
321	452608,195	4745110,934	511,665
322	452605,459	4745109,609	511,499
323	452596,451	4745107,707	511,307
324	452593,621	4745108,694	511,124
325	452592,726	4745108,462	511,114
326	452592,649	4745108,371	510,893
327	452595,605	4745104,701	511,210
328	452594,582	4745104,185	511,005
329	452588,037	4745099,392	510,923

Координати на подробните точки
Координатна с-ма - БГС2005
Височинна с-ма - Балтийска

330	452583,227	4745104,510	510,648
331	452580,391	4745107,025	510,555

ТРАСИРОВЪЧЕН КАРНЕТ
Координатна система BGS 2005, Координати
Кадастрални, Ивица: 6 градуса

Координатен регистър на точките за трасиране

№	East(Y)	North(X)
1	452687.690	4745200.063
2	452686.025	4745188.986
3	452659.546	4745204.188
4	452652.912	4745203.682
5	452656.539	4745193.008
6	452647.109	4745188.338
7	452614.137	4745176.567
8	452613.671	4745176.401
9	452615.072	4745172.474
10	452610.309	4745187.291
11	452609.934	4745188.339
12	452608.760	4745187.920
13	452611.145	4745175.499
14	452609.678	4745174.975
15	452603.812	4745172.881
16	452602.344	4745172.379
17	452601.974	4745172.225
18	452603.866	4745166.924
19	452611.386	4745170.648
20	452605.414	4745186.726
21	452606.171	4745184.607
22	452603.059	4745183.496
23	452602.242	4745183.204
24	452601.485	4745185.323
25	452597.132	4745183.769
26	452597.889	4745181.650
27	452595.726	4745180.878
28	452596.479	4745170.264
29	452595.807	4745170.023
30	452595.012	4745169.740
31	452594.259	4745180.354
32	452593.803	4745180.192
33	452593.047	4745182.311
34	452588.836	4745180.808
35	452589.593	4745178.689
36	452588.393	4745178.260
37	452586.926	4745177.737
38	452587.679	4745167.122
39	452589.146	4745167.645
40	452589.817	4745167.885
41	452590.389	4745166.284
42	452593.921	4745167.545
43	452593.350	4745169.146
44	452586.992	4745166.877

Координатен регистър на точките за трасиране

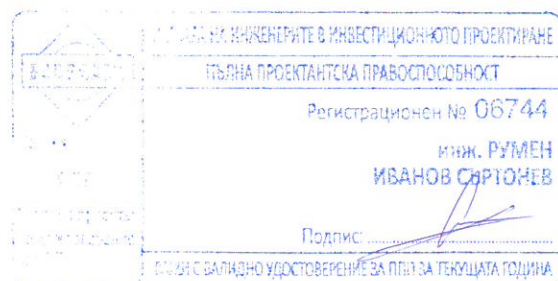
№	East(Y)	North(X)
45	452587.563	4745165.275
46	452584.032	4745164.015
47	452583.460	4745165.616
48	452581.852	4745164.471
49	452581.069	4745175.514
50	452581.700	4745175.963
51	452580.389	4745177.792
52	452584.798	4745179.366
53	452585.555	4745177.247
54	452580.421	4745163.451
55	452579.637	4745174.494
56	452578.195	4745173.468
57	452576.890	4745175.300
58	452573.260	4745172.716
59	452574.565	4745170.883
60	452573.911	4745170.417
61	452577.927	4745161.676
62	452576.038	4745159.076
63	452577.815	4745157.785
64	452572.480	4745169.398
65	452570.198	4745169.236
66	452569.584	4745170.098
67	452576.140	4745138.999
68	452574.555	4745140.151
69	452576.739	4745130.556
70	452577.823	4745115.276
71	452583.433	4745120.992
72	452584.929	4745121.104
73	452585.594	4745111.723
74	452584.040	4745112.433
75	452591.811	4745108.880
76	452592.656	4745108.607
77	452593.407	4745107.572
78	452592.408	4745121.661
79	452590.912	4745121.550
80	452593.882	4745121.566
81	452594.364	4745114.410
82	452593.843	4745114.375
83	452594.042	4745109.920
84	452598.609	4745110.130
85	452598.542	4745110.694
86	452607.720	4745111.251
87	452607.953	4745110.861
88	452595.605	4745104.701
89	452599.386	4745126.315
90	452606.572	4745126.828
91	452597.685	4745150.250
92	452598.475	4745150.308

Координатен регистър на точките за трасиране

№	East(Y)	North(X)
93	452598.115	4745157.596
94	452598.770	4745157.716
95	452575.243	4745130.450
96	452576.267	4745116.012
97	452569.945	4745118.999
98	452569.163	4745130.018
99	452567.668	4745129.906
100	452568.389	4745119.734
101	452561.856	4745122.801
102	452561.383	4745129.460
103	452560.301	4745123.525
104	452559.887	4745129.360
105	452556.330	4745131.944
106	452559.403	4745136.175
107	452560.773	4745138.061
108	452566.527	4745145.982
109	452568.113	4745144.830
110	452566.610	4745166.004
111	452566.122	4745165.332
112	452565.102	4745166.073
113	452557.576	4745171.540
114	452556.222	4745170.670
115	452557.020	4745170.105
116	452565.240	4745164.118
117	452563.987	4745162.393
118	452562.612	4745163.393
119	452560.408	4745160.358
120	452561.784	4745159.359
121	452560.191	4745157.167
122	452559.376	4745157.760
123	452557.790	4745158.912
124	452551.798	4745163.264
125	452550.920	4745163.902
126	452549.340	4745164.981
127	452548.402	4745165.731
128	452557.975	4745156.305
129	452558.117	4745154.311
130	452557.547	4745153.527
131	452556.171	4745154.526
132	452553.967	4745151.492
133	452555.343	4745150.493
134	452552.180	4745146.139
135	452551.105	4745161.296
136	452549.520	4745162.444
137	452533.031	4745161.274
138	452531.788	4745156.091
139	452536.346	4745154.998
140	452535.880	4745153.053

Координатен регистър на точките за трасиране

№	East(Y)	North(X)
141	452531.322	4745154.146
142	452529.558	4745146.792
143	452534.269	4745143.079
144	452535.748	4745143.184
145	452542.631	4745143.672
146	452544.127	4745143.779
147	452543.860	4745147.533
148	452542.364	4745147.427
149	452544.953	4745132.133
150	452543.376	4745133.163
151	452551.995	4745127.553
152	452553.562	4745126.664
153	452536.062	4745138.759
154	452534.468	4745140.027
155	452530.407	4745143.257
156	452527.632	4745145.118
157	452532.410	4745163.325
158	452533.523	4745164.135
159	452550.810	4745144.253



ТРАСИРОВЪЧЕН КАРТЕТ
Координатна с-ма - 1970

№	East(Y)'	North(X)'
1	8637795.425	4657514.198
2	8637794.066	4657503.078
3	8637767.175	4657517.546
4	8637760.556	4657516.858
5	8637764.476	4657506.287
6	8637755.177	4657501.357
7	8637722.538	4657488.681
8	8637722.077	4657488.502
9	8637723.587	4657484.615
10	8637718.416	4657499.296
11	8637718.012	4657500.335
12	8637716.850	4657499.883
13	8637719.577	4657487.531
14	8637718.125	4657486.967
15	8637712.318	4657484.712
16	8637710.864	4657484.169
17	8637710.498	4657484.005
18	8637712.536	4657478.757
19	8637719.952	4657482.688
20	8637713.538	4657498.597
21	8637714.353	4657496.499
22	8637711.272	4657495.303
23	8637710.463	4657494.989
24	8637709.649	4657497.086
25	8637705.340	4657495.413
26	8637706.155	4657493.315
27	8637704.013	4657492.484
28	8637705.059	4657481.893
29	8637704.394	4657481.634
30	8637703.607	4657481.329
31	8637702.562	4657491.920
32	8637702.110	4657491.745
33	8637701.296	4657493.842
34	8637697.128	4657492.224
35	8637697.942	4657490.126
36	8637696.754	4657489.665
37	8637695.303	4657489.101
38	8637696.348	4657478.509
39	8637697.800	4657479.073
40	8637698.464	4657479.332
41	8637699.080	4657477.747
42	8637702.576	4657479.104
43	8637701.962	4657480.690
44	8637695.668	4657478.245
45	8637696.283	4657476.660
46	8637692.787	4657475.303
47	8637692.172	4657476.888
48	8637690.595	4657475.698
49	8637689.508	4657486.717
50	8637690.127	4657487.184
51	8637688.766	4657488.976
52	8637693.130	4657490.671
53	8637693.945	4657488.573

ТРАСИРОВЪЧЕН КАРНЕТ
Координатна с-ма - 1970

54	8637689.192	4657474.640
55	8637688.105	4657485.659
56	8637686.692	4657484.592
57	8637685.336	4657486.389
58	8637681.778	4657483.704
59	8637683.134	4657481.908
60	8637682.493	4657481.425
61	8637686.749	4657472.796
62	8637684.932	4657470.145
63	8637686.744	4657468.903
64	8637681.090	4657480.366
65	8637678.813	4657480.141
66	8637678.176	4657480.987
67	8637685.587	4657450.076
68	8637683.970	4657451.184
69	8637686.418	4657441.652
70	8637687.923	4657426.406
71	8637693.374	4657432.275
72	8637694.866	4657432.428
73	8637695.790	4657423.068
74	8637694.217	4657423.735
75	8637702.083	4657420.397
76	8637702.936	4657420.147
77	8637703.716	4657419.133
78	8637702.328	4657433.191
79	8637700.836	4657433.039
80	8637703.805	4657433.137
81	8637704.484	4657425.996
82	8637703.964	4657425.946
83	8637704.285	4657421.498
84	8637708.845	4657421.834
85	8637708.763	4657422.396
86	8637717.923	4657423.206
87	8637718.167	4657422.822
88	8637705.992	4657416.324
89	8637709.176	4657438.037
90	8637716.346	4657438.746
91	8637706.816	4657461.917
92	8637707.605	4657461.997
93	8637707.044	4657469.273
94	8637707.695	4657469.411
95	8637684.926	4657441.504
96	8637686.347	4657427.098
97	8637679.945	4657429.910
98	8637678.860	4657440.906
99	8637677.367	4657440.752
100	8637678.369	4657430.602
101	8637671.753	4657433.489
102	8637671.097	4657440.133
103	8637670.178	4657434.170
104	8637669.603	4657439.992
105	8637665.976	4657442.477
106	8637668.932	4657446.791
107	8637670.250	4657448.715

ТРАСИРОВЪЧЕН КАРНЕТ **Координатна с-ма - 1970**

108	8637675.784	4657456.792
109	8637677.401	4657455.685
110	8637675.316	4657476.812
111	8637674.846	4657476.126
112	8637673.806	4657476.839
113	8637666.131	4657482.097
114	8637664.801	4657481.190
115	8637665.615	4657480.647
116	8637673.998	4657474.889
117	8637672.793	4657473.130
118	8637671.390	4657474.090
119	8637669.271	4657470.997
120	8637670.673	4657470.036
121	8637669.142	4657467.800
122	8637668.310	4657468.370
123	8637666.693	4657469.478
124	8637660.583	4657473.664
125	8637659.687	4657474.278
126	8637658.078	4657475.313
127	8637657.120	4657476.037
128	8637666.950	4657466.877
129	8637667.146	4657464.888
130	8637666.598	4657464.088
131	8637665.196	4657465.049
132	8637663.076	4657461.955
133	8637664.478	4657460.994
134	8637661.437	4657456.554
135	8637659.944	4657471.677
136	8637658.327	4657472.781
137	8637641.876	4657471.158
138	8637640.776	4657465.941
139	8637645.363	4657464.974
140	8637644.950	4657463.017
141	8637640.363	4657463.984
142	8637638.803	4657456.584
143	8637643.614	4657453.001
144	8637645.090	4657453.147
145	8637651.958	4657453.825
146	8637653.451	4657453.972
147	8637653.081	4657457.719
148	8637651.588	4657457.572
149	8637654.597	4657442.353
150	8637652.993	4657443.339
151	8637661.763	4657437.968
152	8637663.354	4657437.122
153	8637645.526	4657448.732
154	8637643.898	4657449.955
155	8637639.749	4657453.073
156	8637636.923	4657454.857
157	8637641.198	4657473.191
158	8637642.289	4657474.031
159	8637660.119	4657454.630

