

“АТАДОРАПРОЕКТ” ЕООД – гр. Смолян
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ПРОЕКТ

Обект: „Улици “1” и “2” в с. Сопотот, общ. Рудозем

Подобект: „Улица “2” в с. Сопотот, общ. Рудозем

Възложител: ОБЩИНА РУДОЗЕМ

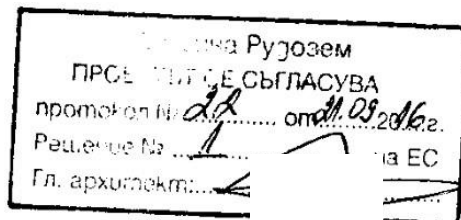
Част: ГЕОДЕЗИЯ/ ТРАСИРОВЪЧЕН ПЛАН/ ПЛАН СХЕМА

Фаза: Технически проект


Съгласували:

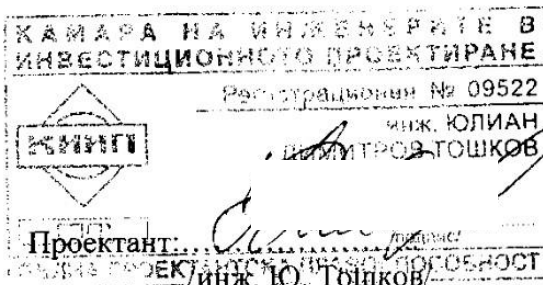
Част: Пътна: 
/инж. Ат. Андреев/

Част: Конструкции:.....
/инж. П. Язова/



Воден проект

Управител: 
/инж. Ат. Андреев/



Подписите в настоящия документ са заличени на осн.чл.42, ал.5 от ЗОП, във връзка с чл.2 и чл.23 от ЗЗЛД

ОБЯСНИТЕЛНА ЗАПИСКА

Обектът на настоящата обяснителна записка са геодезически дейности свързани с проектирането на Обект: „Улици “1” и “2” в с. Сопотот, общ. Рудозем Подобект: „Улица “2” в с. Сопотот, общ. Рудозем.

1. Геодезическа снимка.

За целта на задачата са използвани точки от ГММП и РГО на с. Сопотот, като са координирани нови работни точки. Те са стабилизирани трайно. От тях е извършена геодезическата снимка. Заснети са всички ситуационни подробности, имащи отношение към задачата – огради, сгради, стълбове, откоси, дерета, водостоци и всички други подробности необходими за проектирането.

Резултатите от извършените измервания и изчисления по отношение на точността отговарят напълно на изискванията на действащата нормативна уредба.

Координатната система, в която се изработи проекта, е 1970 г. Височинната система е Балтийска.

Регулационните линии са показани с червен и син цвят. Данните за тях са извлечени от предоставеното ни копие на регулационния план посредством сканиране и векторизиране на растерното изображение. Копието е деформирано. Поради това ориентацията му е извършена съгласно нормативната уредба в зона не по-голяма от 40 на 40 см. Ориентирането на сканираното изображение е извършено по точки, представляващи координатни кръстове и ъгли на сгради, съществуващи на терена и показани на плана, като координатите им в координатна система 1970 година са получени от непосредствените измервания. По този начин имаме комбинация от графични данни и геодезически измервания, с което е повишена точността при взаимното положение на обектите. Показаните осови точки са нанесени от сканираното изображение, а не от координатен

Геодезическите работи по заснемането на обекта са извършени с тотална станция SOKKIA SET 530 RK3.

Обработката на измерванията е извършена с програмния пакет TPLAN. Графичната обработка на получените резултати е извършена с програмата KROKI.

Дейностите по проекта са извършени през 2015г. от инж. Юлиан Тошков и техн. Недко Хутев.

Геодезическата снимка е изчертана в М 1:500

2. Трасировъчен план:

С трасировъчния план определяме планово положението на обекта.

Иработен е на базата на технически проекти-част пътна.

Координатната система на проекта е 1970 г.

Показани са координатите и местоположението на съществуващите от РГО и нови точки.

За извършване на трасировъчните работи да се използват задължително точките от геодезическото заснемане или от РГО на населеното място.

Всички геодезически работи по трасирането на обекта да се извършват от правоспособен специалист - геодезист.

Трасировъчният план е изчертан в М 1:500

3. План - схема

Съгласно изискванията на възложителя и чл.62а от Наредба No8 за обема и съдържанието на устройствените планове, е изработен окончателен вариант на план – схема.

Като основа на план - схемата са използвани материали от община Рудозем, ПУП и кадастрален план.

План схемата на обекта е изработена във връзка с определяне на засегнатите имоти от реконструкцията на улицата.

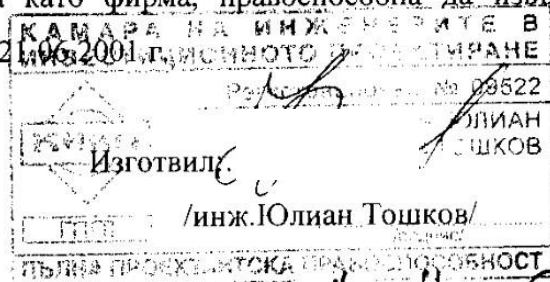
Планът съдържа графични и текстови материали:

- план - схема в М 1:500;
- регистър на засегнатите имоти;
- координатен регистър на точките от оста;

Графичната обработка на получените резултати е извършена с програмата KROKI.

Дейностите по проекта са извършени през 2015 г. от представители на "ГЕОКОРП" ООД.

"ГЕОКОРП" ООД е лицензирана като фирма, правоспособна да извършва дейности по кадастъра със заповед № 468/21.06.2001 г. за издаване на лиценз за извършване на геодезически работи.



Съгласувал: 1.

/инж. Атанас Андреев//

Съгласувал: 2.

/инж. Петя Язова//

Водещ проектант:

СХЕМА НА РГО

Координатна система 1970 г.
Височинна система Балтийска

с. Сопотот, общ. Рудозем



Воден проливник

1:1500

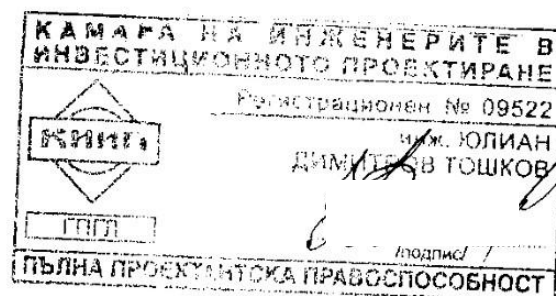
КАМАРА НА ИНЖЕНЕРИТЕ В ИНВЕСТИЦИОННОТО ПРОЕКТИРАНЕ	
Регистрационен № 09522	
ИНЖ. ЮЛИАН ДИМИТОВ ТОШКОВ	Подпис
ПРАВООСПОСОБНОСТ	

КООРДИНАТЕН РЕГИСТЪР **на дадените точки**

на точките от Обект: "Улица "1" и "2" в с. Сопотот, общ. Рудо
Подобект: "Улица "2" в с. Сопотот, общ. Рудозем"

координатна система 1970г.

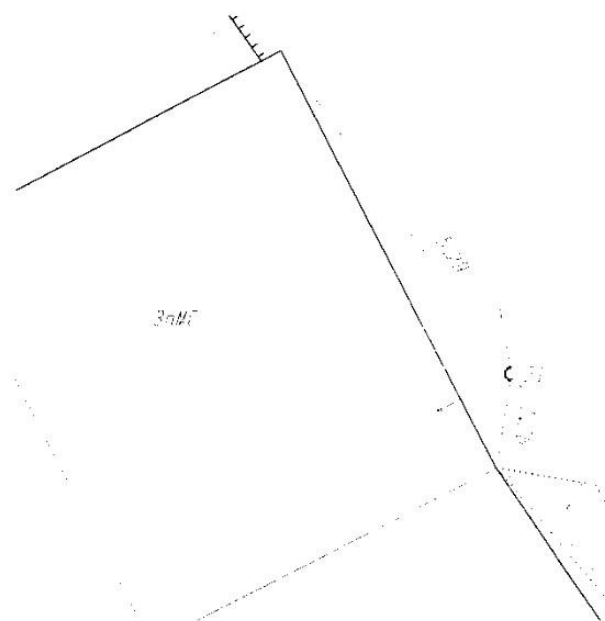
N	X	Y	кота
ИЗХОДНИ ТОЧКИ			
110020	4467358.22	8626464.27	755.88
110021	4467337.77	8626481.33	753.91
110022	4467345.50	8626479.85	753.92
110023	4467299.94	8626509.86	748.82
110025	4467209.95	8626586.54	729.48
110026	4467409.92	8626525.62	738.43
110030	4467409.92	8626529.61	737.36



РЕПЕРЕН КАРНЕТ

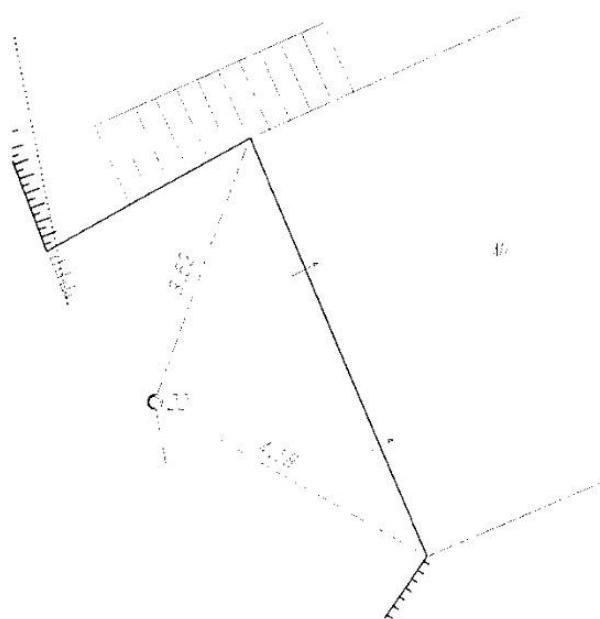
РТ 21

Стабилизирана с метален болт



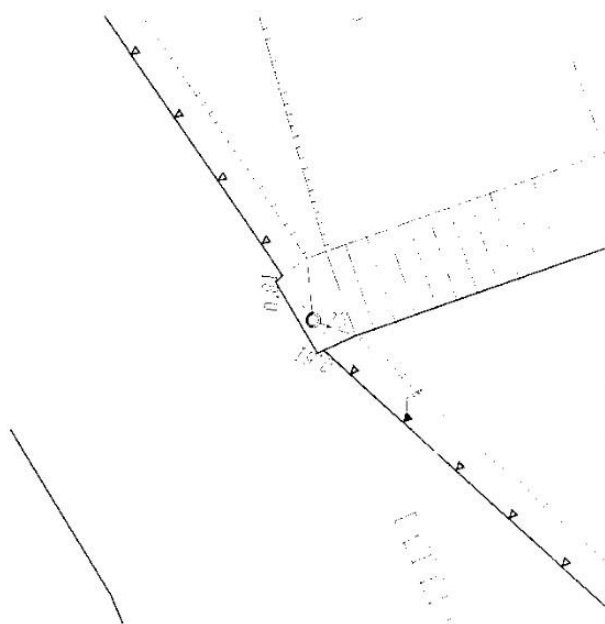
М 1:100

РЕПЕРЕН КАРНЕТ
РТ 22
Стабилизирана с метален болт



М 1:100

РЕПЕРЕН КАРНЕТ
РТ 23
Стабилизирана с метален болт

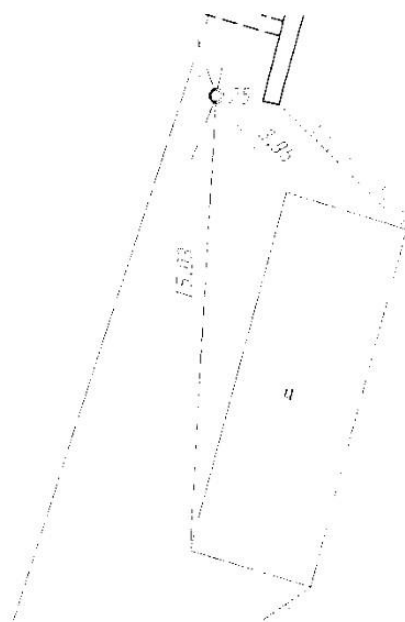


М 1:100

РЕПЕРЕН КАРНЕТ

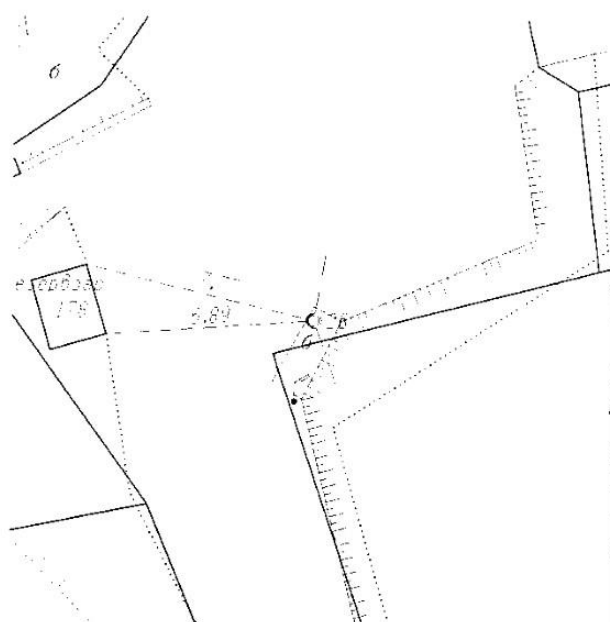
РТ 25

Стабилизирана с метален болт



М 1:250

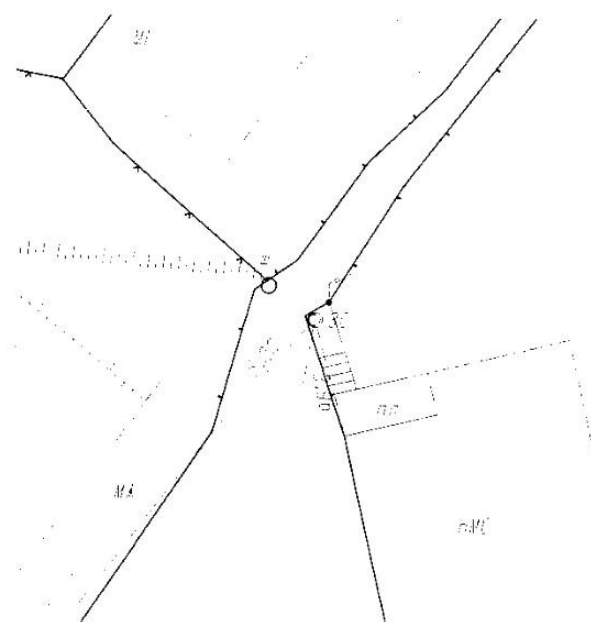
РЕПЕРЕН КАРНЕТ
РТ 26
Стабилизирана с метален болт



РЕПЕРЕН КАРНЕТ

РТ 30

Стабилизирана с метален болт



M 1:250

ГЕОДЕЗИЧЕСКИ ИЗМЕРВАНИЯ С ТОТАЛНА СТАНЦИЯ SOKKIA SET 530 RK3

Геодезическа снимка на улици с. Сопотот

8	25.	5.	5.	0.	1.	5.	0.	8	30.	3.	5.
Nst	Vi	Nt	Vs	R	Z	S					
110001	1.458	110020	1.800	147.6678	88.5652	82.945					
		110020	1.800	347.6588	311.4376	82.945					
		110030	1.550	81.5474	102.9210	86.201					
		110030	1.550	281.5510	297.0836	86.200					
		1001	0.000	362.2106	128.4420	2.136					
		1002	0.000	394.5068	110.2266	7.535					
		1003	0.000	30.9740	105.8428	17.934					
		110002	1.550	26.5188	104.1942	77.330					
		110002	1.550	226.5140	295.8102	77.331					
		130002	1.550	27.1610	105.3684	39.301					
		130002	1.550	227.1556	294.6322	39.301					
		130001	0.000	53.1808	117.4728	6.107					
		130001	0.000	253.1740	282.5332	6.109					
		1	1.550	188.0380	97.7140	12.424					
		2	1.550	210.1482	96.1528	15.966					
		3	1.550	212.8154	95.9342	15.147					
		4	1.550	194.7526	96.8546	15.054					
		5	1.550	197.2482	96.7644	19.831					
		6	1.550	207.5314	97.3534	10.555					
		7	1.550	213.1808	97.2436	9.954					
		8	1.550	184.4936	98.0962	10.267					
		9	1.550	190.6880	98.1470	16.575					
		10	0.050	204.2598	101.3698	19.679					
		11	1.550	204.6096	97.3964	25.331					
		12	1.550	208.4360	96.7514	26.305					
		13	1.550	200.0224	97.5378	30.775					
		14	1.550	194.0054	97.9558	30.454					
		15	1.550	189.2992	99.5394	29.064					
		16	2.800	182.7274	99.5414	29.208					
		17	1.550	191.9964	98.2118	40.404					
		18	1.550	192.1586	97.6990	38.804					
		19	1.550	188.6888	98.4426	40.723					
		20	2.400	180.9046	98.4544	41.005					
		21	0.000	188.7200	99.4902	60.553					
		22	0.000	191.4776	99.0574	60.572					
		23	1.550	182.7660	99.5852	10.233					
		24	0.150	152.5712	109.9482	13.839					
		25	1.550	210.6384	97.4310	5.248					
		26	1.550	202.7332	97.4768	5.180					
		27	1.550	191.1150	94.4082	1.486					
		28	1.550	205.5446	94.1722	1.438					
		29	1.550	251.2470	95.2072	1.862					
		30	1.550	207.0650	115.5196	3.331					
		31	1.550	206.9736	111.0096	5.019					
		32	1.550	362.0198	99.2694	1.978					
		33	1.550	394.6814	101.2682	7.438					
		34	1.550	397.3176	104.3160	9.904					
		35	1.550	8.6490	103.7240	9.536					
		36	1.550	21.7690	104.7158	9.705					
		37	1.550	36.3336	104.4654	9.860					
		38	1.550	44.7804	104.2018	7.532					
		39	1.550	48.0808	100.8026	6.750					
		40	1.550	58.4740	100.5524	8.091					
		41	0.000	73.3210	115.3270	6.822					
		42	0.000	62.2040	118.7402	5.591					
		43	0.000	85.8382	114.7956	20.518					
		44	0.200	77.1106	111.9688	21.459					
		45	1.000	399.2818	105.4222	12.889					
		46	1.550	14.6764	104.6488	12.795					
		47	1.550	15.4450	103.5402	17.716					
		48	1.550	17.0922	104.7646	17.844					
		49	1.500	1.0016	102.2192	18.811					

		50	0.000	4.5772	105.9954	22.428
		51	0.000	2.2532	104.9174	25.819
		52	0.250	3.0612	103.3486	34.122
		53	1.550	17.1740	103.0172	22.521
		54	1.550	19.1904	104.8188	22.491
		55	1.550	19.1576	102.7486	25.469
		56	1.550	19.9400	104.7690	25.623
		57	1.550	19.1346	102.6938	28.004
		58	1.550	20.0726	104.7416	28.150
		59	0.000	24.1108	108.4802	28.540
		60	1.550	27.6664	104.7480	27.582
		61	1.550	27.8926	105.2624	21.317
		62	1.550	27.9486	105.2908	20.237
		63	1.550	30.9180	105.2694	20.479
		64	1.550	31.6882	107.9642	20.115
		65	1.550	27.5778	104.7744	17.710
		66	1.550	31.0560	104.9912	18.016 *
130001	1.527	110001	0.000	363.5264	114.1764	6.044
		67	1.550	1.5928	94.2438	13.517
		68	1.550	1.8930	94.2778	13.849
		69	0.000	14.9582	101.7042	13.344
		70	1.550	15.2522	95.6892	13.345
		71	1.800	29.9858	94.8842	13.878
		72	2.200	30.1482	93.8446	16.547
		73	1.550	29.9392	92.9250	16.764
		74	1.550	19.6596	95.9958	16.130
		75	1.550	20.9962	92.8312	16.638
		76	1.550	16.3478	92.1398	19.129
		77	1.550	14.2834	94.6486	17.195
		78	1.550	9.6632	94.6732	18.870
		79	1.550	4.3972	92.7916	18.932
		80	0.000	14.0260	105.7572	10.081
		81	0.000	15.3128	117.2236	5.621
		82	0.000	397.5528	131.7980	3.342
		83	0.000	331.7602	109.5806	8.793
		84	0.000	122.1378	113.6044	13.845
		85	55.000	111.8794	100.8674	36.425
		86	0.030	104.5994	103.6876	30.281 *
130002	1.510	110001	1.550	192.2600	94.4396	39.308
		111001	0.000	279.7246	58.7378	59.707
		87	1.550	182.8080	95.7060	28.839
		88	2.550	182.3586	95.7058	28.839
		89	1.550	229.6646	93.3014	8.106
		90	1.550	230.0222	84.0274	8.652
		91	1.550	242.8080	92.1120	7.080
		92	1.550	259.8450	91.7832	6.373
		93	1.550	277.8456	95.0894	8.510
		94	1.550	274.2676	87.5580	8.628
		95	0.000	266.8732	95.8618	11.506
		96	55.000	227.6666	89.2666	29.291
		97	1.550	279.5444	90.7488	3.654
		98	1.550	312.0612	94.1002	4.254
		99	0.000	319.2598	120.9138	3.684
		100	0.100	319.8230	124.1612	3.717
		101	1.550	399.1390	101.3204	5.732
		102	1.550	11.9864	99.3544	2.649
		103	1.550	50.1954	103.0582	1.297
		104	1.550	160.4176	87.2058	1.338
		105	1.550	161.1706	86.9008	2.279
		106	1.550	87.5300	110.0192	6.237
		107	1.550	73.9972	111.5654	5.857
		108	0.000	353.1412	111.9412	7.014
		109	0.050	353.2836	114.3410	7.028
		110	1.550	361.2246	101.4854	7.169
		111	1.550	363.6902	101.2962	8.248
		112	1.550	360.6832	100.3074	9.177

113	0.010	360.4882	109.5284	9.301		
114	0.010	91.2876	118.7852	5.862		
115	0.010	145.5078	105.5584	16.383		
116	0.000	149.9456	103.2528	19.670		
117	55.000	178.8948	80.9260	19.263		
118	1.550	366.7802	99.7686	13.677		
119	1.550	363.0920	99.4712	13.827		
120	1.550	364.4978	99.0194	15.280		
121	1.550	367.0688	98.2846	17.526		
122	1.550	369.2452	98.0176	16.941		
123	1.550	368.9238	98.9744	16.760		
124	1.550	375.7004	101.5572	13.512		
125	1.550	380.0960	101.2740	16.511		
126	1.550	379.4586	98.2320	16.857		
127	1.550	386.7646	102.9066	30.603		
128	1.550	386.0494	99.9382	30.211		
129	1.550	389.3638	102.7070	42.665		
130	1.550	390.4024	102.9302	39.517		
131	1.550	390.2220	102.9192	39.478		
132	1.550	392.5528	103.1156	36.797		
133	1.550	394.9082	103.4722	32.497		
134	1.550	396.0622	102.7736	29.090		
135	1.550	396.4768	103.8168	29.127		
136	1.550	394.2306	102.8112	28.752		
137	1.550	394.7916	102.9296	27.806		
138	1.550	395.3834	103.1686	27.554		
139	1.550	399.0122	104.3548	28.063		
140	1.550	395.7918	102.6656	25.393		
141	1.550	394.6224	101.9056	14.043		
142	1.550	394.7586	101.9398	12.508		
143	0.000	398.5002	108.4008	23.249		
144	0.000	381.4450	100.9006	23.096		
145	0.000	374.1090	99.4556	25.527		
146	0.000	376.3994	94.8246	37.474		
147	0.200	380.8848	100.1272	28.217		
148	0.000	367.7442	127.8422	4.007		
149	0.000	386.2736	110.3158	12.870		
150	0.000	390.4754	106.6230	28.569		
151	0.000	398.2970	112.3620	11.593		
152	1.550	398.7786	104.7778	8.064 *		
110002	1.523	110001	1.550	200.7366	95.7222	77.334
		110001	1.550	0.7238	304.2842	77.334
		2001	0.000	190.5240	96.9828	12.723
		2002	0.000	389.2788	103.9590	15.776
		2003	0.000	399.4402	109.0608	9.128
		2004	0.000	119.9434	121.3058	2.901
		110003	1.550	382.3540	104.1016	60.410
		110003	1.550	182.3500	295.8994	60.411
		110004	1.550	386.5086	102.2018	20.746
		110004	1.550	186.5050	297.7980	20.746
		153	0.000	221.3116	112.8978	6.521
		154	0.000	225.3176	95.7166	7.054
		155	0.250	265.4148	66.6686	7.846
		156	0.100	30.8636	123.2314	3.728
		157	0.000	12.5622	116.6622	5.482
		158	0.000	367.1294	121.5696	5.598
		159	0.000	348.5928	117.9526	6.889
		160	0.300	319.2326	69.1294	12.424
		161	1.550	387.4112	105.7850	4.946
		162	1.550	385.6314	103.2650	8.732
		163	1.550	386.8660	104.6108	8.676
		164	1.550	399.4094	109.5858	9.163
		165	1.550	399.0964	104.0022	9.239
		166	1.550	393.1736	103.3676	14.017
		167	1.550	389.4918	102.9656	15.881
		168	1.550	380.0544	103.7404	16.391

		169	1.550	375.0298	103.0364	17.901
		170	0.500	355.2016	79.8432	19.415
		171	1.550	386.4208	103.1832	19.640
		172	1.550	386.6990	102.4450	19.610
		173	1.550	390.3488	102.3698	19.759
		174	1.550	385.9482	102.6834	25.741
		175	1.550	385.5858	103.2836	28.127
		176	1.550	381.1788	103.4374	28.735
		177	1.550	377.8786	103.0618	28.330
		178	0.500	363.5754	85.8914	25.547
		179	0.300	377.8936	101.9108	32.538
		180	1.550	378.5698	102.8368	32.344 *
110003	1.566	110002	1.550	14.0892	95.8968	60.409
		110002	1.550	214.0802	304.1088	60.409
		181	1.550	10.0166	95.0712	31.383
		182	1.550	9.6524	94.8228	29.898
		183	1.550	9.2394	94.7884	28.049
		184	1.550	8.4624	94.7854	28.003
		185	1.550	10.1060	94.7994	27.989
		186	1.550	8.4616	94.0864	23.281
		187	1.550	8.3348	92.9780	20.405
		188	1.550	8.2430	92.3444	18.981
		189	1.550	10.9562	93.1572	19.749
		190	1.550	11.0832	93.7136	19.689
		191	1.550	15.3026	93.8010	19.330
		192	1.550	20.2786	93.6906	19.374
		193	0.350	22.1702	90.5720	19.692
		194	1.000	35.4718	77.4466	29.021
		195	0.250	34.3060	83.4716	14.737
		196	0.400	28.8646	84.2542	16.084
		197	0.000	29.8866	80.9316	16.463
		198	0.000	27.1424	88.2166	13.754
		199	1.550	23.8722	92.4522	13.354
		200	0.000	8.7384	98.9514	13.982
		201	0.000	8.0804	98.8224	13.952
		202	1.550	3.1288	89.5944	13.135
		203	0.000	7.5388	97.8246	12.123
		204	1.550	7.5166	91.7150	12.208
		205	1.550	4.1366	90.8112	12.224
		206	2.500	1.5042	95.1840	12.129
		207	1.550	18.7740	91.4996	8.463
		208	1.700	31.3052	90.6850	8.709
		209	0.000	41.8380	82.3624	11.493
		210	0.200	65.1574	75.9162	8.721
		211	0.000	90.7194	70.1034	5.790
		212	0.000	87.4364	87.6926	5.107
		213	0.000	106.6564	95.1458	3.814
		214	0.000	103.3146	123.9500	3.698
		215	0.000	92.1820	140.6334	2.352
		216	1.550	371.4702	123.5192	1.200
		217	1.550	0.9632	79.4926	1.052
		218	0.000	397.8350	149.6268	1.337
		219	1.550	231.1806	103.8536	0.552
		220	3.400	251.2838	121.6026	1.493 *
110003	1.566	110002	1.550	14.0172	95.8948	60.410
		110002	1.550	214.0082	304.1060	60.410
		3001	0.000	175.0210	94.6640	13.743
		3002	0.000	202.2396	112.1314	20.691
		3003	0.000	111.1304	107.7092	3.724
		3004	0.000	294.1928	145.7224	3.341
		3005	0.000	358.9030	97.6476	12.629
		110006	1.550	201.4836	111.0516	56.709
		110006	1.550	1.4750	288.9490	56.709
		221	1.550	113.3466	93.4480	3.619
		222	0.300	111.1380	89.4520	4.030
		223	1.550	159.9560	91.3050	15.012

110006 1.455

224	1.550	159.5912	87.0712	15.154
225	1.550	175.0262	93.3514	14.006
226	1.550	179.6342	96.0138	12.551
227	1.650	156.9460	103.6106	5.186
228	1.550	183.6150	108.9758	12.130
229	1.550	194.6726	109.7234	12.013
230	1.550	202.1976	109.5836	12.262
231	2.500	205.1950	110.9134	12.655
232	1.550	186.8916	109.5440	15.159
233	0.350	184.7862	104.0236	14.841
234	1.550	203.7164	110.3638	20.575
235	1.550	202.2454	109.9884	20.595
236	1.550	194.8812	110.1474	21.074
237	1.550	191.2424	109.8718	21.268
238	1.550	202.1726	109.8390	25.776
239	3.300	202.6212	109.8020	25.999
240	1.550	199.8726	109.9562	33.202
241	1.550	200.5544	109.8058	33.309
242	2.500	200.7552	111.3844	33.711
243	2.500	200.4250	111.1358	34.779
244	1.550	196.5634	110.0168	34.171
245	1.550	192.7270	109.8386	33.850
246	1.800	192.0674	109.8324	38.220
110003	1.550	225.3962	88.8750	56.722
110003	1.550	25.3890	311.1278	56.721
6001	0.000	213.5486	104.5340	8.948
6002	0.000	295.3880	97.0400	8.311
6003	0.000	312.7068	93.5956	6.266
100526	0.000	2.9628	91.3196	0.000
100526	0.000	202.9534	308.6804	0.000
110710	1.550	194.3186	99.2112	94.271
110710	1.550	394.3148	300.7932	94.272
247	0.300	234.0808	86.6124	34.752
248	0.300	239.8296	82.3918	37.818
249	0.300	240.0980	84.8118	26.267
250	0.300	253.6272	78.9842	26.389
251	0.000	250.1054	84.1580	21.366
252	0.250	248.6034	87.2710	20.579
253	1.550	252.4052	87.9620	18.106
254	2.500	264.0952	85.0484	18.481
255	1.550	273.9086	87.8382	24.598
256	1.550	285.5350	88.4010	24.333
257	2.500	296.4834	86.2054	24.161
258	1.550	290.9542	88.3520	24.026
259	1.550	289.9512	86.8578	18.760
260	1.550	278.4514	87.7508	19.078
261	1.550	277.9784	87.7354	18.749
262	1.550	278.4512	86.7878	13.519
263	1.550	274.3414	87.2494	9.897
264	1.550	276.9694	87.6956	9.157
265	1.550	238.8314	87.4140	13.793
266	1.550	234.9176	86.8096	14.137
267	1.550	233.3092	87.1134	13.868
268	1.550	235.3724	85.7770	12.067
269	0.200	237.3966	93.6512	10.232
270	1.550	228.1208	88.9182	9.431
271	1.550	225.7570	91.0560	9.277
272	1.550	238.0482	85.6542	8.274
273	1.550	234.4646	86.4000	6.472
274	1.550	231.3502	95.8198	5.997
275	1.550	293.3890	89.7754	7.257
276	1.550	296.5746	89.6062	8.269
277	1.550	312.7610	91.1908	6.342
278	1.550	328.3102	84.6246	2.051
279	1.550	332.4634	85.0254	1.681
280	0.000	372.6974	109.3790	9.401

		281	0.000	372.2250	95.3564	9.713	
		282	0.000	346.8418	92.3348	6.565	
		283	0.000	312.8058	89.3438	6.421	
		284	0.000	296.8000	91.8484	8.238	
		285	0.000	265.1134	82.1362	22.470	
		286	0.000	269.7772	76.0474	30.303	
		287	0.000	398.3320	135.5970	3.037	
		288	0.000	397.0608	110.8596	9.534	
		289	0.000	194.8464	111.4408	8.836	
		290	1.000	213.5160	103.1902	8.927	*
110710	1.514	110711	1.550	11.7144	98.5900	123.472	
		110711	1.550	211.7090	301.4118	123.472	
		111001	0.000	140.6870	76.3764	0.000	
		100526	0.000	243.8926	91.7452	0.000	
		100526	0.000	43.8846	308.2542	0.000	
		111001	0.000	340.6744	323.6242	0.000	
		110006	1.550	235.6470	100.7122	94.270	
		110006	1.550	35.6420	299.2886	94.271	*
110020	1.542	110001	2.000	127.6316	110.8382	82.803	
		110001	2.000	327.6270	289.1626	82.805	
		111001	0.000	133.9726	91.5672	137.177	
		100526	0.000	155.3814	93.2000	0.000	
		100526	0.000	355.3754	306.8002	0.000	
		111001	0.000	333.9646	308.4352	137.181	
		20001	0.000	65.1704	94.3338	11.142	
		20002	0.000	8.4010	86.8632	7.033	
		20003	0.000	48.9516	94.8072	1.621	
		20004	0.000	276.7858	132.4920	2.025	
		110022	1.550	283.7788	106.1680	20.208	
		110022	1.550	83.7726	293.8336	20.209	
		291	55.000	258.8982	116.5814	24.066	
		292	55.000	252.4666	115.3742	31.422	
		293	0.150	245.9228	121.1820	39.995	
		294	55.000	7.9074	86.3678	17.394	
		295	0.800	4.3114	86.9498	17.687	
		296	55.000	375.1564	77.9372	16.873	
		297	0.200	354.1946	88.9404	10.370	
		298	0.500	333.5646	91.8936	17.197	
		299	0.600	324.8830	93.8898	25.164	
		300	0.600	320.4626	95.4762	33.467	
		301	0.500	310.3284	98.0458	20.860	
		302	1.550	140.1208	99.6752	0.862	
		303	1.550	56.8684	99.0194	1.209	
		304	1.550	84.2046	114.3048	2.855	
		305	0.000	80.7372	113.3446	2.416	
		306	1.550	115.0468	123.4078	3.057	
		307	1.550	141.4192	120.3794	3.902	
		308	1.550	105.4978	104.7338	10.814	
		309	1.550	84.7678	102.4878	5.963	
		310	0.000	82.7918	103.8366	5.990	
		311	1.550	82.3254	100.6824	9.878	
		312	2.000	81.0826	97.4466	11.295	
		313	0.350	80.0016	98.0794	11.320	
		314	2.000	84.6678	100.0786	11.230	
		315	2.000	97.9060	102.0812	7.105	
		316	2.100	79.5850	97.8800	15.095	
		317	2.100	76.7890	95.4458	15.377	
		318	2.100	76.1180	91.9344	15.348	
		319	2.100	71.8532	97.1856	19.637	
		320	2.100	71.7890	93.3814	19.539	
		321	2.550	70.5672	98.0794	21.165	
		322	2.550	67.7628	95.4490	20.156	
		323	2.550	67.3244	93.2268	20.173	
		324	2.550	72.5812	97.8130	21.799	
		325	3.550	75.1284	97.7202	23.211	
		326	2.550	85.4874	97.7996	21.490	

327	2.550	90.6760	101.9462	23.565
328	3.700	108.8016	101.8860	23.435
329	2.550	122.8670	106.2420	20.323
330	2.550	142.9922	110.0526	15.825
331	2.550	140.3372	108.2934	13.737
332	3.550	144.4606	109.9838	13.088
333	1.550	143.6058	108.6428	12.889
334	1.550	133.6064	108.2194	11.495
335	1.550	128.9166	105.2730	10.763
336	1.550	123.2640	103.2352	15.227
337	1.550	114.7372	102.0272	17.502
338	1.550	104.4316	100.5984	19.729
339	1.550	101.2938	101.1204	16.377
340	1.550	92.9160	102.1886	14.462
341	1.550	210.6144	120.9210	4.553
342	4.500	212.9376	106.2854	6.455
343	2.500	213.2890	106.6614	6.092
344	1.550	248.6806	127.8876	3.580
345	1.550	275.2766	134.7838	2.378
346	1.550	282.7268	86.7318	2.181
347	1.550	215.0744	121.2204	6.549
348	2.500	258.2104	117.5614	11.162
349	2.500	260.0818	111.1678	10.655
350	2.500	269.5942	106.2018	9.718
351	2.500	280.5486	106.0890	9.193
352	2.500	290.6476	104.6440	9.487
353	0.350	295.7730	105.5884	9.235
354	2.500	262.1458	114.6870	14.075
355	2.500	266.8478	111.3620	16.154
356	2.500	271.5270	110.4440	15.542
357	2.500	277.5680	105.1640	18.345
358	0.100	272.1778	110.2426	19.441
359	1.550	276.4546	108.5266	15.855
360	1.550	282.9028	106.8270	18.507
361	1.550	279.7792	104.3506	22.902
362	1.550	281.9072	104.4474	24.298
363	1.550	282.0346	108.1912	24.483
364	1.550	285.2984	105.3358	24.426
365	1.550	289.4386	105.6408	23.694
366	1.550	294.9028	105.7822	21.452
367	1.550	295.7632	105.2784	21.317
368	1.550	297.1518	100.8198	21.129
369	1.550	288.4408	105.3976	28.852
370	3.000	281.8030	105.3678	28.996
371	0.000	342.5546	113.2292	2.103
372	0.000	347.8844	135.0094	2.514
373	0.000	386.2272	144.7082	2.120
374	0.000	388.7092	105.7370	1.701
375	0.000	232.2632	130.9042	14.717
376	0.000	249.0000	123.0048	25.910
377	0.500	271.6130	116.1250	19.971
378	55.000	227.6234	124.9856	12.464
110022	1.515	39.7150	93.7272	20.215
110020	1.550	239.7064	306.2752	20.215
110021	0.000	284.0962	112.2008	8.041
110021	0.000	84.0910	287.7994	8.022
130003	1.550	262.6582	105.7960	49.009
130003	1.550	62.6524	294.2042	49.010
110023	2.100	259.0256	105.2582	54.742
110023	2.100	59.0220	294.7402	54.742
379	55.000	372.3552	75.9544	22.896
380	0.500	348.4858	80.0304	23.502
381	0.250	66.2862	107.7478	23.792
382	55.000	107.6424	115.8444	18.764
383	1.550	290.7250	98.5946	7.989
384	1.550	287.1080	100.1850	8.976

		385	1.550	280.5438	99.4582	9.653	
		386	1.550	278.4366	102.3860	9.572	
		387	1.550	286.3958	93.4468	14.052	
		388	1.550	277.1618	96.4226	12.192	
		389	1.550	277.9598	94.7184	16.301	
		390	1.550	275.3202	102.1066	12.090	
		391	1.550	271.0648	102.9142	15.914	
		21001	0.000	286.9598	107.7856	9.135	
		392	0.000	265.3714	110.0526	14.779	
		393	1.550	258.9796	103.4834	15.726	
		394	0.600	241.1286	119.9938	19.454	
		395	1.550	256.3696	103.6978	12.157	
		21002	0.000	256.8558	104.8992	12.120	
		21003	0.000	228.6320	112.6450	4.251	
		21004	0.000	324.1374	112.7042	3.892	
		396	0.200	272.2832	101.5914	19.744	
		397	1.550	270.5934	103.2576	19.758	
		398	1.550	268.4528	103.9966	25.801	
		399	1.550	263.7862	104.1850	25.668	
		400	1.550	259.1234	104.1480	25.894	
		401	1.550	258.3294	104.6298	28.018	
		402	1.550	260.1868	104.6914	32.299	
		403	1.550	257.3758	104.9292	33.131	
		404	3.000	257.0270	104.9298	33.178	
		405	1.550	253.7350	109.0870	29.287	
		406	1.700	254.8020	108.4350	29.108	
		407	1.550	255.2536	107.3462	29.062	
		408	1.550	255.6052	108.2166	27.703	
		409	0.100	250.3920	112.9150	29.967	
		410	1.550	247.9436	111.6492	25.693	
		411	0.100	239.8496	119.4936	28.017	
		412	1.550	249.6160	111.5302	25.342	
		413	1.550	250.5014	112.2636	24.403	
		414	1.550	245.8382	115.7410	22.136	
		415	1.550	263.4470	104.6516	32.857	
		416	1.550	266.9432	103.7188	32.528	
		417	1.550	267.2696	101.5920	32.559	
		418	1.550	266.3204	104.0858	34.846	
		419	1.550	265.8050	104.4444	35.820	
		420	1.550	267.0348	102.2334	36.093	
		421	1.000	282.1430	95.4814	20.578	
		422	0.000	286.8042	96.5636	20.782	*
130003	1.440	110022	1.550	266.8002	94.0324	49.026	
		110022	1.550	66.7956	305.9736	49.027	
		110021	1.550	262.8112	93.0026	41.714	
		110021	1.550	62.8028	307.0016	41.714	
		111001	0.000	282.8630	92.0968	0.000	
		100526	0.000	313.9616	93.1492	0.000	
		110023	0.000	34.7396	119.6238	6.787	
		110023	0.000	234.7278	280.3788	6.775	
		100526	0.000	113.9504	306.8544	0.000	
		111001	0.000	82.8532	307.9064	0.000	
		110025	1.550	53.5122	109.9736	127.257	
		110025	1.550	253.5092	290.0274	127.257	
		23001	0.000	38.8212	108.5344	8.130	
		23002	0.000	31.0102	120.8452	6.039	
		23003	55.000	393.6926	119.1552	6.351	
		23004	0.000	33.9774	114.3134	25.840	
		423	0.000	33.9734	114.3198	25.823	
		424	1.750	256.7452	90.7764	23.622	
		425	2.000	252.7362	88.2532	20.823	
		426	0.350	251.7430	88.0146	20.627	
		427	1.550	281.5920	98.0862	13.402	*
130003	1.440	111001	0.000	282.8652	92.0976	0.000	
		111001	0.000	32.8588	307.9036	0.000	
		110023	0.000	34.7382	119.6260	6.780	

110023	0.000	234.7274	280.3764	6.773
428	1.550	280.1310	97.3334	12.370
429	1.550	278.3384	90.6534	12.457
430	1.550	288.6344	101.5994	12.683
431	1.550	289.6122	100.7162	11.181
432	1.550	274.4670	91.8652	12.042
433	1.550	281.9714	95.0494	9.673
434	1.550	284.4986	95.2894	10.757
435	55.000	304.3326	104.8290	14.967
436	1.550	279.2302	91.4948	9.517
437	1.550	297.6558	98.7868	9.568
438	1.550	266.0932	91.3188	9.098
439	1.550	253.6490	89.2916	9.120
440	1.550	250.8304	83.3384	9.174
441	0.200	235.9532	85.9464	16.200
442	0.200	207.4792	79.9944	10.658
443	55.000	250.2436	87.9076	24.008
444	55.000	260.2234	88.9164	23.212
445	0.450	248.4340	88.1146	23.918
446	55.000	320.1846	99.9894	9.704
447	1.550	129.9930	73.6472	1.561
448	1.550	121.0770	85.2860	1.049
449	0.000	138.4630	105.3120	1.486
450	0.000	168.1520	80.3716	8.233
451	0.000	311.3578	119.4568	3.712
452	0.000	336.7476	126.2100	2.938
453	55.000	6.6692	113.7300	17.731
454	55.000	9.7240	115.3944	19.009
455	2.500	25.9566	114.3770	6.350
456	1.550	33.7240	105.9880	7.086
457	1.550	38.0526	106.4690	6.786
458	1.550	32.8252	105.8344	5.799
459	1.550	27.0174	104.4322	5.880
460	1.550	22.3554	116.5890	8.771
461	0.000	21.5464	121.4552	5.498
462	0.000	36.4402	116.0122	21.744
463	1.550	38.2468	105.5522	8.251
464	1.550	57.6542	106.9418	7.387
465	1.550	75.3192	104.6412	7.547
466	1.550	74.9880	102.6388	3.960
467	0.150	113.4386	104.6098	3.391
468	0.300	91.5388	99.5812	6.234
469	0.200	86.4626	94.5310	11.582
470	1.550	75.2824	104.3178	11.278
471	0.000	74.6280	106.4256	17.474
472	0.000	67.0730	103.8266	35.634
473	0.000	65.3396	103.7978	38.634
474	0.000	61.0008	106.6068	19.241
475	0.000	72.0914	106.6758	17.963
476	1.550	56.4742	104.5296	18.837
477	1.550	60.8790	104.0250	13.600
478	1.550	46.1504	107.9806	9.086
479	1.550	58.9356	106.7764	13.456
480	1.550	58.5996	107.5512	14.048
481	1.550	56.8110	107.5142	14.362
482	1.550	49.7574	107.5116	14.079
483	1.550	42.5092	107.6750	14.524
484	1.750	40.6054	107.6416	14.663
485	1.550	55.4922	105.4464	21.897
486	1.550	53.8160	108.5748	22.076
487	1.550	52.7652	108.7040	21.987
488	1.550	47.8548	108.9294	21.948
489	1.550	44.0196	108.7078	22.337
490	1.900	42.8532	108.7446	22.401
491	2.500	44.0088	108.0638	28.970
492	3.300	39.5970	108.0442	29.047

	493	1.550	44.9104	109.0368	28.679	
	494	1.550	48.6954	109.7234	28.560	
	495	1.550	52.8152	109.8790	30.161	
	496	1.550	53.5862	109.8672	30.125	
	497	1.550	54.9718	106.8294	30.068 *	
110025	1.518	130003	1.550	142.4462	69.9678	127.280
		130003	1.550	342.4374	310.0374	127.280
		111001	0.000	160.4380	91.0646	0.000
		100526	0.000	200.0606	92.8288	0.000
		100526	0.000	0.0524	307.1726	0.000
		111001	0.000	360.4330	308.9350	0.000
		110714	1.550	11.6988	99.4382	24.354
		110714	1.550	211.6914	300.5592	24.355
		25001	0.050	348.2450	121.1666	4.189
		25002	0.050	327.3134	111.7652	7.866
		25003	0.050	392.1228	106.6340	15.124
		25004	0.050	106.2124	105.9830	12.019
		110711	1.550	201.1924	101.3318	149.677
		110711	1.550	1.1868	298.6666	149.678
		498	55.000	134.1944	85.7244	86.681
		110026	2.000	167.4644	96.8152	188.266
		110026	2.000	367.4572	303.1892	188.266
		499	1.000	121.1890	84.2040	74.056 *
110025	1.496	110711	1.550	328.9216	101.3254	149.679
		110711	1.550	128.9152	298.6816	149.678
		111001	0.000	288.1714	91.0588	0.000
		100526	0.000	327.7896	92.8304	0.000
		100526	0.000	127.7840	307.1736	0.000
		111001	0.000	88.1628	308.9412	0.000
		110714	1.550	139.4246	99.3830	24.356
		110714	1.550	339.4184	300.6212	24.355
		500	1.550	269.1360	89.3096	89.696
		501	1.550	269.5268	90.3784	89.513
		502	1.550	269.7914	90.3680	89.484
		503	1.550	270.9400	90.3978	89.338
		504	1.850	272.0178	90.0084	89.143
		505	1.950	273.4644	90.0102	89.133
		506	1.550	268.8156	89.5936	86.314
		507	1.550	269.1820	90.6050	86.116
		508	0.000	265.3274	88.6160	83.193
		509	1.550	268.4294	89.7604	81.375
		510	1.550	268.7692	90.7530	81.383
		511	1.550	269.0602	90.7412	81.319
		512	1.550	270.2094	90.6910	81.001
		513	1.550	271.3790	90.5860	79.863
		514	2.200	271.9806	89.9622	82.628
		515	2.200	271.6146	89.9528	83.489
		516	1.550	267.0532	90.5920	73.312
		517	1.550	267.7370	90.9488	73.221
		518	1.550	268.2528	90.9756	73.169
		519	1.550	269.5720	91.0036	72.971
		520	0.000	260.8576	88.1946	72.989
		521	1.550	271.1426	90.8676	72.615
		522	3.200	273.7322	90.9310	72.374
		523	1.550	265.4430	90.8538	63.748
		524	1.550	266.3782	91.2146	63.204
		525	1.550	267.0978	91.2142	62.915
		526	0.700	259.1678	87.9274	64.677
		527	1.550	269.4000	91.5498	62.548
		528	1.550	271.3992	91.4882	62.393
		529	2.800	274.5340	91.4982	62.476
		530	1.550	267.1236	90.6942	57.188
		531	1.550	267.5504	91.6752	56.977
		532	1.550	267.9112	91.6784	57.039
		533	1.550	270.0546	91.9854	56.744
		534	0.400	260.8470	89.7004	55.423

535	1.550	272.0806	91.8648	56.287
536	55.000	274.1616	92.4934	59.331
537	1.000	276.2928	93.5744	58.952
538	0.800	276.6440	94.2664	61.660
539	1.550	273.1612	92.1064	51.125
540	1.550	270.1358	92.3716	50.809
541	1.550	267.6260	92.2062	51.042
542	1.550	267.1344	92.1512	50.973
543	1.550	266.5120	90.8622	51.064
544	1.550	261.4036	91.8992	41.532
545	1.550	261.6996	93.0116	40.838
546	1.550	262.1698	93.0812	40.679
547	1.550	265.2380	93.3128	39.308
548	1.550	268.1028	93.5078	38.001
549	0.200	250.5144	91.6290	40.751
550	1.550	271.1432	93.9354	36.836
551	1.550	274.3170	93.8130	35.927
552	1.550	277.1890	95.7438	35.285
553	0.000	283.5402	98.3546	44.415
554	1.550	270.0856	94.9252	28.847
555	1.550	268.3170	93.9858	29.120
556	1.550	267.0156	94.2694	30.357
557	1.550	259.2612	94.0786	31.398
558	1.550	255.4000	93.7246	32.013
559	0.000	246.4148	95.6260	35.294
560	1.550	251.7904	94.0040	26.906
561	1.550	252.8836	94.5374	26.610
562	1.550	255.4062	94.5914	26.340
563	0.000	241.2868	97.2430	27.193
564	0.000	241.6062	97.2164	28.719
565	0.500	244.7974	95.8752	27.166
566	1.550	266.1722	94.7592	24.946
567	0.000	261.0166	98.8404	24.751
568	0.000	254.8198	99.7758	22.080
569	1.550	251.8804	95.3450	21.653
570	1.550	249.7576	95.0234	21.734
571	1.550	250.0264	99.8322	11.816
572	1.550	249.6524	105.4874	11.905
573	1.550	242.0808	97.1792	13.250
574	1.550	245.5968	99.2934	12.244
575	1.550	222.7116	95.0864	13.025
576	1.550	221.9524	98.4306	11.975
577	0.000	218.5724	109.3860	9.895
578	0.000	233.1694	101.3372	23.245
579	0.000	257.9862	109.5204	10.109
580	0.000	274.3210	108.8326	11.075
581	0.000	295.3096	106.6982	15.731
582	0.000	285.9600	106.5632	14.603
583	1.550	295.7488	99.0424	18.171
584	0.000	292.7698	100.4662	18.905
585	0.000	279.8344	101.6868	16.741
586	0.000	276.2586	104.1036	16.118
587	1.550	276.1358	94.1014	49.567
588	1.550	277.7862	94.1546	49.101
589	1.550	280.5056	94.0624	48.692
590	1.550	282.2564	95.6062	48.567
591	0.000	290.6476	98.6674	43.939
592	1.550	278.7710	94.8208	62.490
593	1.550	280.5148	94.9096	62.287
594	1.550	282.5702	94.7820	61.675
595	0.000	285.2802	97.3618	61.125
596	0.000	292.4864	98.5396	54.502
597	1.550	280.4144	95.0904	73.885
598	1.550	282.8674	95.3172	73.235
599	1.550	284.7658	95.2970	73.076
600	1.550	287.3988	97.0620	71.951

601	2.200	291.8202	97.0682	72.127
602	1.550	282.6026	95.3234	80.127
603	1.550	281.9214	95.1936	84.166
604	1.550	281.2886	95.3586	82.681
605	1.550	288.7866	95.5094	88.228
606	1.550	292.4694	97.3124	90.473
607	1.550	295.7292	98.0164	89.780
608	1.550	287.6212	95.5416	91.533
609	2.450	284.0798	94.8698	90.502
610	2.350	283.5546	94.8544	88.888
611	1.550	285.9556	95.4530	89.489
612	2.350	284.7634	94.8360	92.696
613	1.550	285.9426	95.5522	96.546
614	1.550	286.3134	95.6090	97.953
615	1.550	286.6182	95.5760	97.799
616	1.550	287.1720	95.5670	99.799
617	1.550	287.6214	95.6110	101.126
618	1.550	288.1362	95.5526	100.794
619	1.550	289.4044	95.6588	99.416
620	1.550	291.8238	95.5646	98.781
621	1.550	294.1866	97.0822	98.203
622	1.550	296.6268	97.5246	98.263
623	1.550	297.7086	96.6352	109.408
624	1.550	294.5464	96.0882	110.241
625	1.550	293.6078	95.7156	111.113
626	2.000	291.9304	95.5310	111.208
627	2.000	291.3026	95.4478	113.296
628	0.000	291.0692	95.0520	113.077
629	0.000	288.0282	94.5068	101.288
111001	0.000	288.1670	91.0582	0.000
111001	0.000	88.1566	308.9410	0.000
110026	2.500	295.1848	96.6420	188.296
110026	2.500	95.1754	303.3618	188.298
100526	0.000	327.7860	92.8314	0.000
100526	0.000	127.7770	307.1746	0.000
110026	1.527	298.8870	102.6484	188.203
110025	2.675	98.8894	297.3556	188.201
110030	1.550	131.6616	102.8860	23.159
110030	1.550	331.6508	297.1158	23.159
26001	0.000	334.6790	99.8298	2.500
26002	0.000	16.5946	100.6946	6.881
26003	0.000	35.7236	100.3610	7.759
26004	0.000	49.7988	99.5548	10.881
630	1.550	304.7612	101.2394	73.747
631	1.550	305.3318	101.1506	71.978
632	1.550	305.6004	101.1346	65.614
633	1.550	305.6502	101.1498	64.305
634	1.550	305.6104	100.9696	62.855
635	1.550	304.5232	101.0494	62.241
636	1.550	306.4314	100.3990	58.695
637	1.550	308.1188	100.8816	56.597
638	1.550	304.9900	101.0064	57.136
639	1.550	300.8446	101.8736	52.500
640	1.550	301.5768	101.0450	52.292
641	1.550	304.4876	101.1962	52.122
642	0.000	287.7088	104.7440	48.951
643	1.550	308.6758	101.2154	53.192
644	1.550	309.4086	101.0734	49.900
645	1.550	310.5310	100.9560	44.764
646	2.000	310.1628	100.4928	47.012
647	1.550	309.4638	101.0114	43.639
648	1.550	309.6762	100.8802	42.306
649	1.550	315.3266	96.3358	42.369
650	1.550	320.1540	95.8330	42.915
651	1.550	305.3894	101.1244	41.951
652	1.550	301.8856	101.1182	41.366

653	1.550	300.9224	102.0542	41.463
654	0.000	278.0416	106.1628	45.117
655	0.000	258.0084	108.9580	34.584
656	1.550	302.0048	102.4332	27.220
657	1.550	303.0460	100.5578	27.173
658	1.550	310.0098	100.9312	27.096
659	2.300	315.8352	98.9022	28.025
660	1.550	303.7534	102.9232	17.814
661	1.550	308.8124	99.5444	16.920
662	0.200	269.8582	111.1434	15.360
663	1.550	317.5258	99.4632	17.350
664	1.550	325.4612	98.8230	20.500
665	0.000	333.8728	94.8818	22.824
666	1.550	325.5808	98.7136	15.156
667	1.550	350.2114	92.8000	16.076
668	1.550	351.5158	90.7560	12.973
669	0.150	343.4962	94.1092	24.981
670	1.500	372.6870	99.3114	8.261
671	0.700	388.5156	86.0734	12.918
672	1.550	364.4932	101.3748	5.272
673	1.550	334.5960	100.9782	2.730
674	1.550	308.0742	113.6850	3.695
675	1.550	329.4066	99.8966	2.605
676	1.550	357.9172	97.8260	2.390
677	0.400	222.9138	116.8380	11.781
678	0.000	204.8750	109.6630	35.201
679	1.550	125.7458	99.7896	0.468
680	1.550	221.6658	99.1924	0.954
681	1.450	16.5542	99.5460	6.874
682	1.550	35.8884	97.9984	7.751
683	1.550	29.3978	89.1566	9.588
684	1.550	19.1330	83.2346	13.658
685	1.550	15.8658	85.0616	17.228
686	1.550	26.2464	89.0656	16.354
687	1.550	31.2068	91.2214	15.143
688	1.550	47.3042	95.4638	9.108
689	1.550	78.9046	102.3054	8.946
690	0.100	49.7456	101.6628	10.880
691	1.550	55.8238	101.6924	12.331
692	1.550	50.6824	101.8962	11.081
693	1.550	60.3378	101.5638	13.886
694	1.550	69.8598	101.7226	13.408
695	1.550	76.9898	102.6246	11.499
696	1.550	80.7794	101.8246	13.931
697	1.550	88.9616	102.5194	12.215
698	0.000	93.2486	108.0552	15.173
699	0.000	96.4564	108.9170	13.987
700	0.000	106.3972	107.7272	15.598
701	0.150	122.6530	107.6418	19.236
702	1.550	125.8700	103.3810	23.887
703	1.550	127.0870	103.5286	24.073
704	1.550	129.2364	103.5856	25.018
705	1.550	133.4478	104.1944	28.707
706	1.550	136.3476	104.1604	28.132
707	1.550	132.5750	103.2208	23.806
708	1.550	130.7220	103.1034	23.231
709	1.550	132.7372	102.6254	21.925
710	0.000	134.6290	104.4764	20.847
711	1.550	137.0556	102.8204	19.626
712	1.550	166.4468	104.3154	11.271
713	1.550	165.2386	104.1424	10.288
714	2.500	170.9500	104.1544	12.986
715	0.000	183.3642	110.3448	30.385
716	1.550	205.7932	112.0384	10.241
717	2.100	198.5186	102.9170	7.934
718	0.000	81.3820	124.9720	4.731

	719	0.000	138.6714	112.5326	11.200	*
110030	1.565	110026	1.550	24.3190	97.1032	23.158
		110026	1.550	224.3142	302.8982	23.160
		30001	0.000	59.1076	112.3312	5.027
		30002	0.000	142.6552	121.1244	2.477
		30003	0.000	258.5108	106.6564	0.608
		111001	0.000	165.2596	80.3336	120.455
		111001	0.000	365.2462	319.6660	120.441
		100526	0.000	226.9232	92.4396	0.000
		100526	0.000	26.9178	307.5602	0.000
		110001	2.000	134.6014	96.6966	86.233
		110001	2.000	334.5958	303.3034	86.229



Г Е О Д Е З И Ч Е С К А С Н И М К А

(ПРОГРАМА "OGSN", ВИАС, СОФИЯ - 1990.)

ИЗЧИСЛЯВАНЕ КООРДИНАТИТЕ НА ПОДРОБНИТЕ ТОЧКИ

Геодезическа снимка

ВИСОЧИННА СИСТЕМА: - БАЛТИЙСКА

КООРДИНАТНА СИСТЕМА : - 1970 г. , ЗОНА: 9

РЕДУКЦИОННИ ЧИСЛА: ХО= 4400000. , УО= 8600000.

СТАНЦИЯ пт1 - G (I= 1.458) ЕОТ

NT	X	Y	H	O	V
пт20	67358.23	26464.27	755.88	29.78	0.01
пт20	67358.23	26464.27	755.88	29.79	0.00
пт30	67409.92	26529.61	737.36	29.78	0.00
пт30	67409.92	26529.61	737.36	29.78	0.00
пт2	67477.20	26514.89	736.22	29.79	0.00
пт2	67477.20	26514.89	736.22	29.80	-0.01
лт2	67457.67	26482.28	738.00	29.78	0.01
лт2	67457.67	26482.28	738.00	29.78	0.01
лт1	67438.89	26454.14	741.20	29.79	-0.01
лт1	67438.89	26454.14	741.20	29.80	-0.02
пт1	67438.24	26448.29	741.40	29.79	

VY	NP	T	R	Z	S	D	X	Y	H	VX
	VH									
0.01	пт20	1.80	157.67	88.57	82.94	81.61	67358.22	26464.26	755.87	
0.01	0.01	0.02								
0.01	пт20	1.80	157.66	88.56	82.94	81.60	67358.22	26464.28	755.88	
0.00	0.00	0.00								
0.00	пт30	1.55	91.55	102.92	86.20	86.11	67409.92	26529.61	737.35	
0.00	0.00	0.01								
0.00	пт30	1.55	91.55	102.92	86.20	86.11	67409.92	26529.61	737.35	
0.00	0.00	0.01								
0.00	пт2	1.55	36.52	104.19	77.33	77.16	67477.20	26514.90	736.22	
0.00	-0.01	0.00								
0.02	пт2	1.55	36.51	104.19	77.33	77.16	67477.21	26514.89	736.22	-
0.00	0.00	0.00								
0.00	лт2	1.55	37.16	105.37	39.30	39.16	67457.67	26482.29	737.99	
0.00	-0.01	0.01								
0.00	лт2	1.55	37.16	105.37	39.30	39.16	67457.67	26482.29	737.99	
0.00	-0.01	0.01								
0.00	лт1	0.00	63.18	117.47	6.11	5.88	67438.89	26454.14	741.20	
0.00	0.01	0.00								
0.00	лт1	0.00	63.17	117.47	6.11	5.88	67438.89	26454.14	741.20	
0.00	0.01	0.00								
	1001	0.00	372.21	128.44	2.14	1.93	67440.17	26448.35	741.93	
	1002	0.00	4.51	110.23	7.53	7.43	67444.63	26452.11	741.65	
	1003	0.00	40.97	105.84	17.93	17.85	67446.16	26464.29	741.21	
	1	1.55	198.04	97.71	12.42	12.41	67427.00	26443.04	741.75	
	2	1.55	220.15	96.15	15.97	15.94	67426.96	26437.03	742.27	
	3	1.55	222.82	95.93	15.15	15.12	67428.00	26437.17	742.27	
	4	1.55	204.75	96.85	15.05	15.03	67425.38	26440.53	742.05	
	5	1.55	207.25	96.76	19.83	19.80	67421.70	26437.41	742.31	
	6	1.55	217.53	97.35	10.56	10.55	67430.48	26441.15	741.74	
	7	1.55	223.18	97.24	9.95	9.94	67431.55	26440.94	741.74	
	8	1.55	194.49	98.10	10.27	10.27	67428.72	26444.47	741.61	
	9	1.55	200.69	98.15	16.58	16.57	67423.54	26440.66	741.79	
	10	0.05	214.26	101.37	19.68	19.68	67423.09	26435.74	742.38	
	11	1.55	214.61	97.40	25.33	25.31	67418.84	26432.04	742.34	
	12	1.55	218.44	96.75	26.31	26.28	67419.16	26430.24	742.65	
	13	1.55	210.02	97.54	30.77	30.75	67413.32	26430.29	742.49	
	14	1.55	204.01	97.96	30.45	30.43	67412.00	26432.88	742.28	
	15	1.55	199.30	99.54	29.06	29.06	67412.16	26435.47	741.51	
	16	2.80	192.73	99.54	29.21	29.21	67410.84	26438.17	740.27	
	17	1.55	202.00	98.21	40.40	40.38	67402.79	26428.96	742.44	
	18	1.55	202.16	97.70	38.80	38.77	67404.25	26429.64	742.71	
	19	1.55	198.69	98.44	40.72	40.71	67401.55	26430.68	742.30	
	20	2.40	190.90	98.45	41.01	41.00	67399.39	26435.20	741.45	
	21	0.00	198.72	99.49	60.55	60.55	67383.67	26422.08	743.34	

22	0.00	201.48	99.06	60.57	60.56	67384.84	26419.73	743.75
23	1.55	192.77	99.59	10.23	10.23	67428.65	26444.74	741.37
24	0.15	162.57	109.95	13.84	13.67	67424.67	26449.93	740.55
25	1.55	220.64	97.43	5.25	5.25	67434.56	26444.56	741.52
26	1.55	212.73	97.48	5.18	5.18	67434.18	26445.09	741.51
27	1.55	201.12	94.41	1.49	1.48	67436.93	26447.60	741.44
28	1.55	215.54	94.17	1.44	1.43	67437.16	26447.36	741.44
29	1.55	261.25	95.21	1.86	1.85	67437.98	26446.46	741.44
30	1.55	217.07	115.52	3.33	3.23	67435.85	26446.12	740.50
31	1.55	216.97	111.01	5.02	4.95	67434.58	26444.98	740.44
32	1.55	372.02	99.27	1.98	1.98	67440.22	26448.35	741.33
33	1.55	4.68	101.27	7.44	7.44	67444.62	26452.13	741.16
34	1.55	7.32	104.32	9.90	9.88	67446.49	26453.73	740.63
35	1.55	18.65	103.72	9.54	9.52	67445.14	26454.86	740.75
36	1.55	31.77	104.72	9.70	9.67	67443.73	26456.25	740.59
37	1.55	46.33	104.47	9.86	9.84	67441.84	26457.44	740.61
38	1.55	54.78	104.20	7.53	7.51	67440.05	26455.59	740.81
39	1.55	58.08	100.80	6.75	6.75	67439.52	26454.92	741.22
40	1.55	68.47	100.55	8.09	8.09	67438.46	26456.38	741.23
41	0.00	83.32	115.33	6.82	6.62	67436.89	26454.77	741.23
42	0.00	72.20	118.74	5.59	5.35	67438.08	26453.64	741.23
43	0.00	95.84	114.80	20.52	19.97	67430.42	26466.66	738.13
44	0.20	87.11	111.97	21.46	21.08	67432.72	26468.63	738.64
45	1.00	9.28	105.42	12.89	12.84	67448.74	26455.69	740.76
46	1.55	24.68	104.65	12.80	12.77	67446.62	26457.93	740.37
47	1.55	25.44	103.54	17.72	17.69	67449.69	26461.79	740.32
48	1.55	27.09	104.76	17.84	17.79	67449.39	26462.15	739.97
49	1.50	11.00	102.22	18.81	18.80	67453.31	26459.53	740.70
50	0.00	14.58	106.00	22.43	22.33	67455.37	26462.63	740.74
51	0.00	12.25	104.92	25.82	25.74	67458.57	26464.08	740.86
52	0.25	13.06	103.35	34.12	34.07	67464.88	26469.53	740.81
53	1.55	27.17	103.02	22.52	22.49	67452.32	26465.84	740.24
54	1.55	29.19	104.82	22.49	22.43	67451.71	26466.22	739.60
55	1.55	29.16	102.75	25.47	25.45	67453.54	26468.63	740.20
56	1.55	29.94	104.77	25.62	25.55	67453.34	26468.90	739.39
57	1.55	29.13	102.69	28.00	27.98	67455.07	26470.64	740.12
58	1.55	30.07	104.74	28.15	28.07	67454.80	26470.96	739.21
59	0.00	34.11	108.48	28.54	28.29	67453.44	26472.15	739.06
60	1.55	37.67	104.75	27.58	27.50	67451.70	26472.28	739.25
61	1.55	37.89	105.26	21.32	21.25	67448.57	26466.86	739.54
62	1.55	37.95	105.29	20.24	20.17	67448.03	26465.93	739.62
63	1.55	40.92	105.27	20.48	20.41	67447.30	26466.58	739.61
64	1.55	41.69	107.96	20.11	19.95	67446.88	26466.28	738.80
65	1.55	37.58	104.77	17.71	17.66	67446.91	26463.68	739.98
66	1.55	41.06	104.99	18.02	17.96	67446.19	26464.40	739.89

СТАНЦИЯ лт1 - G (I= 1.527) ЕОТ

NT	X	Y	H	O	V
пт1	67438.24	26448.29	741.40	329.44	0.00
лт1	67438.89	26454.14	741.20	329.44	

	NP	T	R	Z	S	D	X	Y	H	VX
VY	VH									
	пт1	0.00	363.53	114.18	6.04	5.89	67438.24	26448.29	741.39	
0.00	0.00	0.00								

NP	T	R	Z	S	D	X	Y	H
67	1.55	1.59	94.24	13.52	13.46	67445.20	26442.25	742.40
68	1.55	1.89	94.28	13.85	13.79	67445.41	26441.99	742.42
69	0.00	14.96	101.70	13.34	13.34	67447.45	26443.92	742.37
70	1.55	15.25	95.69	13.35	13.32	67447.49	26443.97	742.08
71	1.80	29.99	94.88	13.88	13.84	67450.01	26445.91	742.04
72	2.20	30.15	93.84	16.55	16.47	67452.16	26444.38	742.13
73	1.55	29.94	92.93	16.76	16.66	67452.27	26444.22	743.04
74	1.55	19.66	96.00	16.13	16.10	67450.11	26442.60	742.19
75	1.55	21.00	92.83	16.64	16.53	67450.66	26442.53	743.05
76	1.55	16.35	92.14	19.13	18.98	67451.40	26439.86	743.53
77	1.55	14.28	94.65	17.19	17.13	67449.75	26440.90	742.62
78	1.55	9.66	94.67	18.87	18.80	67449.73	26438.78	742.76
79	1.55	4.40	92.79	18.93	18.81	67448.42	26437.93	743.32
80	0.00	14.03	105.76	10.08	10.04	67445.23	26446.36	741.82
81	0.00	15.31	117.22	5.62	5.42	67442.39	26450.01	741.23
82	0.00	397.55	131.80	3.34	2.93	67440.09	26451.47	741.13
83	0.00	331.76	109.58	8.79	8.69	67433.92	26447.02	741.41
84	0.00	122.14	113.60	13.85	13.54	67448.22	26463.95	739.79
85	55.00	111.88	100.87	36.42	36.42	67467.90	26476.16	0.00
86	0.03	104.60	103.69	30.28	30.23	67464.90	26469.55	740.94

СТАНЦИЯ лт2 - G (I= 1.510) ЕОТ

NT	X	Y	H	O	V
пт1	67438.24	26448.29	741.40	44.68	0.00
пт1001	67493.56	26451.04	775.55	44.68	0.00
лт2	67457.67	26482.28	738.00	44.68	

VY	NP	T	R	Z	S	D	X	Y	H	VX
	VH									
	пт1	1.55	222.26	94.44	39.31	39.16	67438.24	26448.28	741.39	
0.00	0.01	0.01								
	пт1001	0.00	309.72	58.74	59.71	47.60	67493.58	26451.03	775.55	-
0.02	0.01	-0.01								
	87	1.55	212.81	95.71	28.84	28.77	67439.86	26459.69	739.90	
	88	2.55	212.36	95.71	28.84	28.77	67439.70	26459.81	738.90	
	89	1.55	259.66	93.30	8.11	8.07	67458.22	26474.23	738.81	
	90	1.55	260.02	84.03	8.65	8.38	67458.29	26473.92	740.11	
	91	1.55	272.81	92.11	7.08	7.03	67459.58	26475.52	738.83	
	92	1.55	289.85	91.78	6.37	6.32	67460.93	26476.87	738.78	
	93	1.55	307.85	95.09	8.51	8.48	67463.91	26476.52	738.61	
	94	1.55	304.27	87.56	8.63	8.47	67463.56	26476.20	739.63	
	95	0.00	296.87	95.86	11.51	11.49	67464.65	26473.16	740.26	
	96	55.00	257.67	89.27	29.29	28.87	67458.73	26453.43	0.00	
	97	1.55	309.54	90.75	3.65	3.61	67460.39	26479.90	738.49	
	98	1.55	342.06	94.10	4.25	4.23	67461.81	26481.41	738.35	
	99	0.00	349.26	120.91	3.68	3.48	67461.14	26481.95	738.32	
	100	0.10	349.82	124.16	3.72	3.46	67461.12	26481.98	738.03	
	101	1.55	29.14	101.32	5.73	5.73	67459.96	26487.53	737.84	
	102	1.55	41.99	99.35	2.65	2.65	67458.22	26484.87	737.99	

NP	T	R	Z	S	D	X	Y	H
103	1.55	80.20	103.06	1.30	1.30	67457.18	26483.48	737.90
104	1.55	190.42	87.21	1.34	1.31	67456.55	26481.59	738.23
105	1.55	191.17	86.90	2.28	2.23	67455.79	26481.09	738.42
106	1.55	117.53	110.02	6.24	6.16	67452.57	26485.73	736.98
107	1.55	104.00	111.57	5.86	5.76	67453.69	26486.44	736.90
108	0.00	383.14	111.94	7.01	6.89	67463.91	26485.19	738.20
109	0.05	383.28	114.34	7.03	6.85	67463.88	26485.19	737.89
110	1.55	391.22	101.49	7.17	7.17	67463.73	26486.11	737.79
111	1.55	393.69	101.30	8.25	8.25	67464.47	26486.96	737.79
112	1.55	390.68	100.31	9.18	9.18	67465.47	26487.12	737.91
113	0.01	390.49	109.53	9.30	9.20	67465.50	26487.11	738.11
114	0.01	121.29	118.79	5.86	5.61	67452.85	26485.13	737.79
115	0.01	175.51	105.56	16.38	16.32	67442.17	26477.19	738.07
116	0.00	179.95	103.25	19.67	19.64	67439.48	26474.87	738.50
117	55.00	208.89	80.93	19.26	18.40	67445.41	26468.56	0.00
118	1.55	396.78	99.77	13.68	13.68	67468.55	26490.57	738.01
119	1.55	393.09	99.47	13.83	13.83	67469.14	26490.01	738.07
120	1.55	394.50	99.02	15.28	15.28	67470.15	26491.10	738.19
121	1.55	397.07	98.28	17.53	17.52	67471.56	26492.96	738.43
122	1.55	399.25	98.02	16.94	16.93	67470.73	26493.06	738.49
123	1.55	398.92	98.97	16.76	16.76	67470.65	26492.88	738.23
124	1.55	5.70	101.56	13.51	13.51	67467.16	26491.89	737.63
125	1.55	10.10	101.27	16.51	16.51	67468.44	26494.79	737.63
126	1.55	9.46	98.23	16.86	16.85	67468.79	26494.95	738.43
127	1.55	16.76	102.91	30.60	30.57	67475.08	26507.41	736.56
128	1.55	16.05	99.94	30.21	30.21	67475.15	26506.92	737.99
129	1.55	19.36	102.71	42.67	42.63	67480.49	26518.29	736.14
130	1.55	20.40	102.93	39.52	39.48	67478.26	26515.97	736.14
131	1.55	20.22	102.92	39.48	39.44	67478.33	26515.88	736.15
132	1.55	22.55	103.12	36.80	36.76	67475.77	26514.27	736.16
133	1.55	24.91	103.47	32.50	32.45	67472.59	26511.10	736.19
134	1.55	26.06	102.77	29.09	29.06	67470.56	26508.33	736.69
135	1.55	26.48	103.82	29.13	29.08	67470.40	26508.42	736.21
136	1.55	24.23	102.81	28.75	28.72	67471.15	26507.64	736.69
137	1.55	24.79	102.93	27.81	27.78	67470.49	26506.93	736.68
138	1.55	25.38	103.17	27.55	27.52	67470.14	26506.81	736.59
139	1.55	29.01	104.35	28.06	27.99	67468.91	26507.92	736.04
140	1.55	25.79	102.67	25.39	25.37	67469.02	26504.97	736.89
141	1.55	24.62	101.91	14.04	14.03	67464.18	26494.71	737.54
142	1.55	24.76	101.94	12.51	12.50	67463.45	26493.37	737.58
143	0.00	28.50	108.40	23.25	23.05	67467.09	26503.31	736.45
144	0.00	11.45	100.90	23.10	23.10	67472.36	26500.11	739.18
145	0.00	4.11	99.46	25.53	25.53	67476.06	26499.98	739.73
146	0.00	6.40	94.82	37.47	37.35	67483.63	26509.13	742.55
147	0.20	10.88	100.13	28.22	28.22	67475.81	26503.90	739.25
148	0.00	397.74	127.84	4.01	3.63	67460.53	26484.53	737.81
149	0.00	16.27	110.32	12.87	12.70	67464.98	26492.67	737.43
150	0.00	20.48	106.62	28.57	28.42	67472.46	26506.54	736.54

NP	T	R	Z	S	D	X	Y	H
151	0.00	28.30	112.36	11.59	11.37	67462.35	26492.64	737.27
152	1.55	28.78	104.78	8.06	8.04	67460.93	26489.63	737.35

СТАНЦИЯ пт2 - G (I= 1.523) ЕОТ

NT	X	Y	H	O	V
пт1	67438.24	26448.29	741.40	35.57	0.01
пт1	67438.24	26448.29	741.40	35.59	-0.01
пт3	67521.18	26556.10	732.30	35.58	0.00
пт3	67521.18	26556.10	732.30	35.58	0.00
пт4	67491.37	26530.02	735.47	35.58	0.00
пт4	67491.37	26530.02	735.47	35.58	0.00
пт2	67477.20	26514.89	736.22	35.58	

VY	NP	T	R	Z	S	D	X	Y	H	VX
	VH									
	пт1	1.55	230.74	95.72	77.33	77.16	67438.26	26448.28	741.39	-
0.02	0.01	0.01								
	пт1	1.55	230.72	95.72	77.33	77.16	67438.23	26448.29	741.39	
0.01	0.00	0.01								
	пт3	1.55	12.35	104.10	60.41	60.28	67521.19	26556.11	732.30	-
0.01	0.00	0.00								
	пт3	1.55	12.35	104.10	60.41	60.28	67521.19	26556.11	732.30	-
0.01	0.00	0.00								
	пт4	1.55	16.51	102.20	20.75	20.74	67491.37	26530.03	735.48	
0.00	0.00	0.00								
	пт4	1.55	16.51	102.20	20.75	20.74	67491.37	26530.03	735.48	
0.00	0.00	0.00								
	2001	0.00	220.52	96.98	12.72	12.71	67469.12	26505.09	738.35	
	2002	0.00	19.28	103.96	15.78	15.75	67487.45	26526.84	736.76	
	2003	0.00	29.44	109.06	9.13	9.04	67481.91	26522.60	736.45	
	2004	0.00	149.94	121.31	2.90	2.74	67474.53	26515.51	736.79	
	153	0.00	251.31	112.90	6.52	6.39	67475.89	26508.64	736.43	
	154	0.00	255.32	95.72	7.05	7.03	67476.20	26507.93	738.22	
	155	0.25	295.41	66.67	7.85	6.80	67480.38	26508.88	741.42	
	156	0.10	60.86	123.23	3.73	3.48	67477.39	26518.37	736.31	
	157	0.00	42.56	116.66	5.48	5.29	67478.98	26519.87	736.32	
	158	0.00	397.13	121.57	5.60	5.28	67481.80	26517.48	735.88	
	159	0.00	378.59	117.95	6.89	6.62	67483.65	26516.35	735.83	
	160	0.30	349.23	69.13	12.42	10.99	67487.88	26512.29	743.23	
	161	1.55	17.41	105.79	4.95	4.93	67480.52	26518.53	735.74	
	162	1.55	15.63	103.26	8.73	8.72	67483.24	26521.17	735.75	
	163	1.55	16.87	104.61	8.68	8.66	67483.08	26521.24	735.56	
	164	1.55	29.41	109.59	9.16	9.06	67481.93	26522.61	734.82	
	165	1.55	29.10	104.00	9.24	9.22	67482.05	26522.73	735.61	
	166	1.55	23.17	103.37	14.02	14.00	67485.65	26526.05	735.45	
	167	1.55	19.49	102.97	15.88	15.86	67487.48	26526.96	735.45	
	168	1.55	10.05	103.74	16.39	16.36	67489.53	26525.64	735.23	
	169	1.55	5.03	103.04	17.90	17.88	67491.56	26525.54	735.34	
	170	0.50	385.20	79.84	19.42	18.45	67494.67	26520.80	743.29	
	171	1.55	16.42	103.18	19.64	19.62	67490.63	26529.19	735.21	
	172	1.55	16.70	102.44	19.61	19.60	67490.55	26529.23	735.44	
	173	1.55	20.35	102.37	19.76	19.75	67489.80	26530.09	735.46	
	174	1.55	15.95	102.68	25.74	25.72	67494.94	26533.50	735.11	
	175	1.55	15.59	103.28	28.13	28.09	67496.70	26535.12	734.74	
	176	1.55	11.18	103.44	28.74	28.70	67498.49	26534.12	734.64	
	177	1.55	7.88	103.06	28.33	28.30	67499.15	26532.74	734.83	
	178	0.50	393.58	85.89	25.55	24.93	67499.55	26525.91	742.86	

NP	T	R	Z	S	D	X	Y	H
179	0.30	7.89	101.91	32.54	32.53	67502.43	26535.41	736.47
180	1.55	8.57	102.84	32.34	32.31	67502.04	26535.54	734.75

СТАНЦИЯ пт3 - G (I= 1.566) ЕОТ

NT	X	Y	H	O	V
пт2	67477.20	26514.89	736.22	223.84	0.01
пт2	67477.20	26514.89	736.22	223.85	-0.01
пт3	67521.18	26556.10	732.30	223.85	

VY	NP	T	R	Z	S	D	X	Y	H	VX
	VH									
	пт2	1.55	24.09	95.90	60.41	60.28	67477.20	26514.88	736.21	
0.00	0.01	0.01								
	пт2	1.55	24.08	95.89	60.41	60.28	67477.19	26514.89	736.22	
0.01	0.00	0.00								
	181	1.55	20.02	95.07	31.38	31.29	67497.04	26536.21	734.75	
	182	1.55	19.65	94.82	29.90	29.80	67498.07	26537.29	734.75	
	183	1.55	19.24	94.79	28.05	27.96	67499.39	26538.60	734.61	
	184	1.55	18.46	94.79	28.00	27.91	67499.22	26538.89	734.61	
	185	1.55	20.11	94.80	27.99	27.90	67499.68	26538.34	734.60	
	186	1.55	18.46	94.09	23.28	23.18	67502.94	26541.81	734.48	
	187	1.55	18.33	92.98	20.41	20.29	67505.19	26543.63	734.57	
	188	1.55	18.24	92.34	18.98	18.84	67506.31	26544.54	734.60	
	189	1.55	20.96	93.16	19.75	19.64	67506.21	26543.40	734.44	
	190	1.55	21.08	93.71	19.69	19.59	67506.27	26543.40	734.26	
	191	1.55	25.30	93.80	19.33	19.24	67507.40	26542.68	734.20	
	192	1.55	30.28	93.69	19.37	19.27	67508.47	26541.62	734.24	
	193	0.35	32.17	90.57	19.69	19.47	67508.77	26541.10	736.43	
	194	1.00	45.47	77.45	29.02	27.22	67508.57	26531.99	742.94	
	195	0.25	44.31	83.47	14.74	14.25	67514.35	26543.60	737.41	
	196	0.40	38.86	84.25	16.08	15.59	67512.56	26543.11	737.41	
	197	0.00	39.89	80.93	16.46	15.73	67512.70	26542.86	738.73	
	198	0.00	37.14	88.22	13.75	13.52	67513.41	26545.05	736.40	
	199	1.55	33.87	92.45	13.35	13.26	67513.02	26545.67	733.90	
	200	0.00	18.74	98.95	13.98	13.98	67510.22	26547.44	734.10	
	201	0.00	18.08	98.82	13.95	13.95	67510.16	26547.57	734.13	
	202	1.55	13.13	89.59	13.14	12.96	67510.34	26548.99	734.46	
	203	0.00	17.54	97.82	12.12	12.11	67511.54	26548.77	734.29	
	204	1.55	17.52	91.71	12.21	12.11	67511.55	26548.78	733.91	
	205	1.55	14.14	90.81	12.22	12.09	67511.18	26549.31	734.08	
	206	2.50	11.50	95.18	12.13	12.10	67510.91	26549.73	732.29	
	207	1.55	28.77	91.50	8.46	8.38	67515.50	26549.94	733.45	
	208	1.70	41.31	90.68	8.71	8.62	67516.70	26548.75	733.44	
	209	0.00	51.84	82.36	11.49	11.05	67517.06	26545.85	737.01	
	210	0.20	75.16	75.92	8.72	8.10	67521.05	26548.00	736.89	
	211	0.00	100.72	70.10	5.79	5.16	67523.13	26551.32	736.49	
	212	0.00	97.44	87.69	5.11	5.01	67522.83	26551.37	734.85	
	213	0.00	116.66	95.15	3.81	3.80	67523.44	26553.05	734.16	
	214	0.00	113.31	123.95	3.70	3.44	67523.08	26553.23	732.51	

NP	T	R	Z	S	D	X	Y	H
215	0.00	102.18	140.63	2.35	1.89	67521.93	26554.37	732.47
216	1.55	381.47	123.52	1.20	1.12	67520.07	26556.01	731.89
217	1.55	10.96	79.49	1.05	1.00	67520.34	26555.59	732.65
218	0.00	7.83	149.63	1.34	0.95	67520.34	26555.65	732.93
219	1.55	241.18	103.85	0.55	0.55	67521.47	26556.57	732.29
220	3.40	261.28	121.60	1.49	1.41	67521.51	26557.47	729.97

СТАНЦИЯ птЗ - G (I= 1.566) ЕОТ

NT	X	Y	H	O	V
пт2	67477.20	26514.89	736.22	233.91	0.01
пт2	67477.20	26514.89	736.22	233.92	0.00
пт6	67568.62	26585.59	722.53	233.92	0.00
пт6	67568.62	26585.59	722.53	233.92	0.00
пт3	67521.18	26556.10	732.30	233.92	

VY	NP	T	R	Z	S	D	X	Y	H	VX
	VH									
0.01	пт2	1.55	14.02	95.89	60.41	60.28	67477.20	26514.88	736.22	-
	0.01	0.00								
0.00	пт2	1.55	14.01	95.89	60.41	60.28	67477.20	26514.88	736.22	
	0.00	0.00								
0.01	пт6	1.55	201.48	111.05	56.71	55.86	67568.63	26585.59	722.53	-
	0.00	0.00								
0.01	пт6	1.55	201.48	111.05	56.71	55.86	67568.63	26585.59	722.53	-
	0.00	0.00								
	3001	0.00	175.02	94.66	13.74	13.69	67534.73	26558.02	735.02	
	3002	0.00	202.24	112.13	20.69	20.32	67538.30	26567.03	729.95	
	3003	0.00	111.13	107.71	3.72	3.69	67523.58	26553.30	733.42	
	3004	0.00	294.19	145.72	3.34	2.52	67520.11	26558.38	731.67	
	3005	0.00	358.90	97.65	12.63	12.62	67508.64	26557.52	734.34	
	221	1.55	113.35	98.45	3.62	3.62	67523.63	26553.44	732.41	
	222	0.30	111.14	89.45	4.03	3.97	67523.77	26553.08	734.24	
	223	1.55	159.96	91.31	15.01	14.87	67535.98	26554.68	734.36	
	224	1.55	159.59	87.07	15.15	14.84	67535.94	26554.59	735.38	
	225	1.55	175.03	93.35	14.01	13.93	67534.98	26558.06	733.78	
	226	1.55	179.63	96.01	12.55	12.53	67533.42	26558.75	733.11	
	227	1.65	156.95	103.61	5.19	5.18	67526.30	26555.36	731.93	
	228	1.55	183.62	108.98	12.13	12.01	67532.73	26559.37	730.62	
	229	1.55	194.67	109.72	12.01	11.87	67531.88	26561.26	730.49	
	230	1.55	202.20	109.58	12.26	12.12	67531.40	26562.62	730.48	
	231	2.50	205.20	110.91	12.65	12.46	67531.37	26563.29	729.21	
	232	1.55	186.89	109.54	15.16	14.99	67535.38	26560.92	730.06	
	233	0.35	184.79	104.02	14.84	14.81	67535.35	26560.39	732.58	
	234	1.55	203.72	110.36	20.58	20.31	67538.04	26567.42	728.99	
	235	1.55	202.25	109.99	20.59	20.34	67538.32	26567.05	729.10	
	236	1.55	194.88	110.15	21.07	20.80	67539.89	26565.20	728.98	
	237	1.55	191.24	109.87	21.27	21.01	67540.58	26564.19	729.04	
	238	1.55	202.17	109.84	25.78	25.47	67542.66	26569.78	728.35	
	239	3.30	202.62	109.80	26.00	25.69	67542.76	26570.05	726.58	
	240	1.55	199.87	109.96	33.20	32.79	67549.46	26572.70	727.15	
	241	1.55	200.55	109.81	33.31	32.92	67549.39	26573.07	727.21	
	242	2.50	200.76	111.38	33.71	33.17	67549.55	26573.29	725.38	
	243	2.50	200.43	111.14	34.78	34.25	67550.56	26573.70	725.32	

NP	T	R	Z	S	D	X	Y	H
244	1.55	196.56	110.02	34.17	33.75	67551.13	26571.65	726.96
245	1.55	192.73	109.84	33.85	33.45	67551.73	26569.70	727.11
246	1.80	192.07	109.83	38.22	37.77	67555.84	26571.10	726.19

СТАНЦИЯ пт6 - G (I= 1.455) EOT

NT	X	Y	H	O	V
пт3	67521.18	26556.10	732.30	10.00	0.01
пт3	67521.18	26556.10	732.30	10.01	0.00
тт526	69473.75	26979.29	0.00	10.01	0.00
тт526	69473.75	26979.29	0.00	10.02	-0.01
пт710	67474.57	26579.18	723.61	10.01	0.00
пт710	67474.57	26579.18	723.61	10.02	-0.01
пт6	67568.62	26585.59	722.53	10.01	

VY	NP	T	R	Z	S	D	X	Y	H	VX
	VH									
	пт3	1.55	225.40	88.88	56.72	55.86	67521.19	26556.09	732.29	-
0.01	0.01	0.01								
	пт3	1.55	225.39	88.87	56.72	55.86	67521.18	26556.10	732.30	
0.00	0.00	0.00								
	тт526	0.00	2.96	91.32	0.00	0.00	67568.62	26585.59		
723.98	*****393.71*****									
	тт526	0.00	2.95	91.32	0.00	0.00	67568.62	26585.59		
723.98	*****393.71*****									
	пт710	1.55	194.32	99.21	94.27	94.26	67474.58	26579.18	723.60	-
0.01	0.00	0.01								
	пт710	1.55	194.31	99.21	94.27	94.26	67474.58	26579.19	723.60	-
0.01	-0.01	0.01								
	6001	0.00	213.55	104.53	8.95	8.93	67560.30	26582.36	723.35	
	6002	0.00	295.39	97.04	8.31	8.30	67569.32	26577.32	724.37	
	6003	0.00	312.71	93.60	6.27	6.24	67570.80	26579.74	724.61	
	247	0.30	234.08	86.61	34.75	33.98	67542.47	26563.89	730.94	
	248	0.30	239.83	82.39	37.82	36.38	67542.84	26559.93	734.01	
	249	0.30	240.10	84.81	26.27	25.53	67550.60	26567.51	729.89	
	250	0.30	253.63	78.98	26.39	24.96	67555.13	26564.59	732.24	
	251	0.00	250.11	84.16	21.37	20.71	67556.48	26568.81	729.25	
	252	0.25	248.60	87.27	20.58	20.17	67556.41	26569.53	727.82	
	253	1.55	252.41	87.96	18.11	17.79	67558.72	26570.81	725.84	
	254	2.50	264.10	85.05	18.48	17.97	67561.52	26569.08	725.78	
	255	1.55	273.91	87.84	24.60	24.15	67562.59	26562.20	727.10	
	256	1.55	285.54	88.40	24.33	23.93	67566.95	26561.72	726.84	
	257	2.50	296.48	86.21	24.16	23.60	67571.02	26562.12	726.68	
	258	1.55	290.95	88.35	24.03	23.63	67568.98	26561.96	726.81	
	259	1.55	289.95	86.86	18.76	18.36	67568.61	26567.23	726.28	
	260	1.55	278.45	87.75	19.08	18.73	67565.24	26567.17	726.08	
	261	1.55	277.98	87.74	18.75	18.40	67565.17	26567.51	726.02	
	262	1.55	278.45	86.79	13.52	13.23	67566.23	26572.58	725.22	
	263	1.55	274.34	87.25	9.90	9.70	67566.26	26576.18	724.40	
	264	1.55	276.97	87.70	9.16	8.99	67566.80	26576.79	724.19	
	265	1.55	238.83	87.41	13.79	13.52	67558.89	26576.20	725.14	
	266	1.55	234.92	86.81	14.14	13.84	67558.09	26576.61	725.34	
	267	1.55	233.31	87.11	13.87	13.59	67558.06	26577.04	725.22	
	268	1.55	235.37	85.78	12.07	11.77	67559.72	26577.89	725.11	
	269	0.20	237.40	93.65	10.23	10.18	67561.14	26578.69	724.80	
	270	1.55	228.12	88.92	9.43	9.29	67560.95	26580.35	724.07	
	271	1.55	225.76	91.06	9.28	9.19	67560.84	26580.69	723.73	
	272	1.55	238.05	85.65	8.27	8.06	67562.75	26580.06	724.28	

NP	T	R	Z	S	D	X	Y	H
273	1.55	234.46	86.40	6.47	6.32	67563.78	26581.52	723.81
274	1.55	231.35	95.82	6.00	5.99	67563.85	26581.97	722.83
275	1.55	293.39	89.78	7.26	7.17	67569.00	26578.43	723.59
276	1.55	296.57	89.61	8.27	8.16	67569.46	26577.47	723.78
277	1.55	312.76	91.19	6.34	6.28	67570.81	26579.71	723.31
278	1.55	328.31	84.62	2.05	1.99	67569.74	26583.95	722.92
279	1.55	332.46	85.03	1.68	1.63	67569.63	26584.30	722.83
280	0.00	372.70	109.38	9.40	9.30	67577.58	26583.10	722.60
281	0.00	372.23	95.36	9.71	9.68	67577.93	26582.92	724.69
282	0.00	346.84	92.33	6.57	6.52	67573.70	26581.50	724.77
283	0.00	312.81	89.34	6.42	6.33	67570.84	26579.66	725.05
284	0.00	296.80	91.85	8.24	8.17	67569.49	26577.46	725.04
285	0.00	265.11	82.14	22.47	21.59	67560.40	26565.63	730.21
286	0.00	269.78	76.05	30.30	28.18	67559.83	26558.82	735.12
287	0.00	398.33	135.60	3.04	2.58	67571.17	26585.92	722.37
288	0.00	397.06	110.86	9.53	9.39	67577.95	26586.63	722.37
289	0.00	194.85	111.44	8.84	8.70	67559.95	26584.93	722.40
290	1.00	213.52	103.19	8.93	8.92	67560.30	26582.37	722.54

СТАНЦИЯ пт20 - G (I= 1.542) ЕОТ

NT	X	Y	H	O	V
пт1	67438.24	26448.29	741.40	259.82	0.00
пт1	67438.24	26448.29	741.40	259.82	0.00
пт1001	67493.56	26451.04	775.55	259.83	0.00
тт526	69473.75	26979.29	0.00	259.82	0.00
тт526	69473.75	26979.29	0.00	259.82	0.00
пт1001	67493.56	26451.04	775.55	259.84	-0.01
пт22	67345.50	26479.85	753.92	259.82	0.00
пт22	67345.50	26479.85	753.92	259.83	-0.01
пт20	67358.23	26464.27	755.88	259.83	

VY	NP	T	R	Z	S	D	X	Y	H	VX
	VH									
	пт1	2.00	127.63	110.84	82.80	81.60	67438.25	26448.30	741.39	-
0.01	-0.01	0.00								
	пт1	2.00	127.63	110.84	82.81	81.61	67438.26	26448.29	741.39	-
0.02	0.00	0.01								
	пт1001	0.00	133.97	91.57	137.18	135.98	67493.56	26451.04	775.54	
0.00	0.00	0.01								
	тт526	0.00	155.38	93.20	0.00	0.00	67358.23	26464.27		
757.42	*****515.02*****									
	тт526	0.00	155.38	93.20	0.00	0.00	67358.23	26464.27		
757.42	*****515.02*****									
	пт1001	0.00	133.96	91.56	137.18	135.98	67493.55	26451.02	775.56	
0.01	0.02	-0.01								
	пт22	1.55	283.78	106.17	20.21	20.12	67345.51	26479.85	753.92	-
0.01	0.00	0.01								
	пт22	1.55	283.77	106.17	20.21	20.12	67345.51	26479.85	753.92	-
0.01	0.00	0.01								
	20001	0.00	65.17	94.33	11.14	11.10	67362.47	26454.02	758.41	
	20002	0.00	8.40	86.86	7.03	6.88	67354.94	26458.23	758.86	
	20003	0.00	48.95	94.81	1.62	1.61	67358.45	26462.67	757.55	
	20004	0.00	276.79	132.49	2.03	1.77	67357.27	26465.76	756.43	
	291	55.00	258.90	116.58	24.07	23.26	67351.48	26486.53	0.00	
	292	55.00	252.47	115.37	31.42	30.51	67352.38	26494.21	0.00	
	293	0.15	245.92	121.18	39.99	37.80	67354.82	26501.91	744.21	
	294	55.00	7.91	86.37	17.39	16.99	67349.98	26449.42	0.00	
	295	0.80	4.31	86.95	17.69	17.32	67348.98	26449.63	760.22	
	296	55.00	375.16	77.94	16.87	15.87	67344.70	26455.98	0.00	
	297	0.20	354.19	88.94	10.37	10.21	67348.27	26462.04	759.02	

298	0.50	333.56	91.89	17.20	17.06	67341.27	26466.04	759.11
NP	T	R	Z	S	D	X	Y	H
299	0.60	324.88	93.89	25.16	25.04	67333.91	26470.23	759.23
300	0.60	320.46	95.48	33.47	33.39	67326.43	26474.45	759.20
301	0.50	310.33	98.05	20.86	20.85	67339.63	26473.69	757.56
302	1.55	140.12	99.68	0.86	0.86	67359.09	26464.27	755.88
303	1.55	56.87	99.02	1.21	1.21	67358.54	26463.10	755.89
304	1.55	84.20	114.30	2.86	2.79	67360.01	26462.13	755.24
305	0.00	80.74	113.34	2.42	2.37	67359.63	26462.37	756.92
306	1.55	115.05	123.41	3.06	2.86	67360.86	26463.17	754.77
307	1.55	141.42	120.38	3.90	3.70	67361.93	26464.34	754.65
308	1.55	105.50	104.73	10.81	10.78	67367.45	26458.69	755.07
309	1.55	84.77	102.49	5.96	5.96	67362.06	26459.72	755.64
310	0.00	82.79	103.84	5.99	5.98	67361.94	26459.58	757.06
311	1.55	82.33	100.68	9.88	9.88	67364.30	26456.48	755.77
312	2.00	81.08	97.45	11.30	11.29	67364.99	26455.23	755.88
313	0.35	80.00	98.08	11.32	11.31	67364.85	26455.10	757.41
314	2.00	84.67	100.08	11.23	11.23	67365.45	26455.68	755.41
315	2.00	97.91	102.08	7.11	7.11	67363.82	26459.89	755.19
316	2.10	79.58	97.88	15.10	15.09	67366.98	26451.98	755.83
317	2.10	76.79	95.45	15.38	15.34	67366.57	26451.40	756.42
318	2.10	76.12	91.93	15.35	15.23	67366.38	26451.41	757.26
319	2.10	71.85	97.19	19.64	19.62	67367.59	26447.03	756.19
320	2.10	71.79	93.36	19.54	19.43	67367.48	26447.19	757.35
321	2.55	70.57	98.08	21.17	21.16	67367.95	26445.48	755.51
322	2.55	67.76	95.45	20.16	20.11	67366.67	26446.02	756.31
323	2.55	67.32	93.23	20.17	20.06	67366.52	26446.01	757.01
324	2.55	72.58	97.81	21.80	21.79	67368.84	26445.25	755.62
325	3.55	75.13	97.72	23.21	23.20	67370.34	26444.49	754.70
326	2.55	85.49	97.80	21.49	21.48	67372.26	26448.01	755.62
327	2.55	90.68	101.95	23.57	23.56	67375.02	26447.75	754.15
328	3.70	108.80	101.89	23.43	23.42	67378.86	26453.19	753.03
329	2.55	122.87	106.24	20.32	20.22	67377.70	26458.84	752.88
330	2.55	142.99	110.05	15.82	15.62	67373.84	26464.96	752.39
331	2.55	140.34	108.29	13.74	13.62	67371.85	26464.31	753.09
332	3.55	144.46	109.98	13.09	12.93	67371.13	26465.14	751.83
333	1.55	143.61	108.64	12.89	12.77	67370.98	26464.96	754.13
334	1.55	133.61	108.22	11.49	11.39	67369.56	26463.10	754.39
335	1.55	128.92	105.27	10.76	10.72	67368.78	26462.39	754.98
336	1.55	123.26	103.24	15.23	15.21	67372.91	26460.28	755.10
337	1.55	114.74	102.03	17.50	17.49	67374.34	26457.47	755.32
338	1.55	104.43	100.60	19.73	19.73	67374.93	26453.77	755.69
339	1.55	101.29	101.12	16.38	16.38	67371.64	26454.88	755.58
340	1.55	92.92	102.19	14.46	14.45	67368.88	26454.50	755.38
341	1.55	210.61	120.92	4.55	4.31	67360.16	26468.12	754.40
342	4.50	212.94	106.29	6.45	6.42	67360.89	26470.11	752.29
343	2.50	213.29	106.66	6.09	6.06	67360.71	26469.80	754.29
344	1.55	248.68	127.89	3.58	3.24	67357.80	26467.48	754.35
345	1.55	275.28	134.78	2.38	2.03	67357.16	26466.00	754.64
346	1.55	282.73	86.73	2.18	2.13	67356.91	26465.95	756.32

NP	T	R	Z	S	D	X	Y	H
347	1.55	215.07	121.22	6.55	6.19	67360.60	26469.99	753.73
348	2.50	258.21	117.56	11.16	10.74	67355.23	26474.58	751.88
349	2.50	260.08	111.17	10.65	10.49	67355.01	26474.25	753.06
350	2.50	269.59	106.20	9.72	9.67	67353.91	26472.93	753.98
351	2.50	280.55	106.09	9.19	9.15	67352.81	26471.64	754.05
352	2.50	290.65	104.64	9.49	9.46	67351.48	26470.91	754.23
353	0.35	295.77	105.59	9.23	9.19	67351.18	26470.18	756.26
354	2.50	262.15	114.69	14.07	13.70	67353.59	26477.16	751.71
355	2.50	266.85	111.36	16.15	15.89	67351.77	26478.79	752.06
356	2.50	271.53	110.44	15.54	15.33	67350.98	26477.78	752.39
357	2.50	277.57	105.16	18.34	18.28	67348.10	26479.49	753.44
358	0.10	272.18	110.24	19.44	19.19	67348.98	26481.09	754.21
359	1.55	276.45	108.53	15.85	15.71	67349.76	26477.50	753.76
360	1.55	282.90	106.83	18.51	18.40	67346.79	26478.68	753.89
361	1.55	279.78	104.35	22.90	22.85	67344.91	26482.84	754.31
362	1.55	281.91	104.45	24.30	24.24	67343.45	26483.49	754.18
363	1.55	282.03	108.19	24.48	24.28	67343.39	26483.49	752.73
364	1.55	285.30	105.34	24.43	24.34	67342.38	26482.75	753.83
365	1.55	289.44	105.64	23.69	23.60	67341.74	26481.15	753.78
366	1.55	294.90	105.78	21.45	21.36	67342.05	26478.21	753.93
367	1.55	295.76	105.28	21.32	21.25	67341.95	26477.92	754.11
368	1.55	297.15	100.82	21.13	21.13	67341.75	26477.49	755.60
369	1.55	288.44	105.40	28.85	28.75	67338.47	26485.14	753.43
370	3.00	281.80	105.37	29.00	28.90	67340.66	26487.21	751.98
371	0.00	342.55	113.23	2.10	2.05	67356.18	26464.20	756.99
372	0.00	347.88	135.01	2.51	2.14	67356.11	26464.01	756.11
373	0.00	386.23	144.71	2.12	1.62	67357.02	26463.20	756.05
374	0.00	388.71	105.74	1.70	1.69	67357.01	26463.10	757.27
375	0.00	232.26	130.90	14.72	13.02	67359.84	26477.19	750.56
376	0.00	249.00	123.00	25.91	24.24	67354.88	26488.28	748.26
377	0.50	271.61	116.13	19.97	19.33	67349.07	26481.29	751.92
378	55.00	227.62	124.99	12.46	11.51	67360.48	26475.56	0.00

СТАНЦИЯ пт22 - G (I= 1.515) EOT

NT	X	Y	H	O	V
пт20	67358.23	26464.27	755.88	303.88	0.01
пт20	67358.23	26464.27	755.88	303.89	0.00
пт21	67337.77	26481.33	753.91	303.89	0.00
пт21	67337.77	26481.33	753.91	303.90	-0.01
лт3	67303.27	26504.33	749.44	303.89	0.00
лт3	67303.27	26504.33	749.44	303.90	-0.01
пт23	67299.95	26509.86	748.82	303.89	0.01
пт23	67299.95	26509.86	748.82	303.90	0.00
пт22	67345.50	26479.85	753.92	303.89	

VY	NP	T	R	Z	S	D	X	Y	H	VX
	VH									
	пт20	1.55	39.72	93.73	20.22	20.12	67358.23	26464.27	755.88	-
0.01	0.00	0.00								
	пт20	1.55	39.71	93.72	20.22	20.12	67358.23	26464.27	755.88	
0.00	0.00	0.00								
	пт21	0.00	284.10	112.20	8.04	7.89	67337.75	26481.33	753.91	
0.02	0.00	0.00								
	пт21	0.00	284.09	112.20	8.02	7.87	67337.77	26481.33	753.91	-
0.01	0.00	0.00								
	лт3	1.55	262.66	105.80	49.01	48.81	67303.28	26504.33	749.43	-
0.01	0.00	0.01								
	лт3	1.55	262.65	105.80	49.01	48.81	67303.28	26504.34	749.43	-
0.01	-0.01	0.01								
	пт23	2.10	259.03	105.26	54.74	54.55	67299.95	26509.86	748.82	
0.00	0.00	0.00								
	пт23	2.10	259.02	105.26	54.74	54.55	67299.95	26509.86	748.82	
0.00	0.00	0.00								
	379	55.00	372.36	75.95	22.90	21.29	67337.75	26460.03	0.00	
	380	0.50	348.49	80.03	23.50	22.35	67330.30	26463.46	762.19	
	381	0.25	66.29	107.75	23.79	23.61	67366.57	26469.19	752.30	
	382	55.00	107.64	115.84	18.76	18.18	67363.38	26483.13	0.00	
	383	1.55	290.73	98.59	7.99	7.99	67337.55	26480.53	754.07	
	384	1.55	287.11	100.18	8.98	8.98	67336.62	26481.12	753.86	
	385	1.55	280.54	99.46	9.65	9.65	67336.14	26482.19	753.97	
	386	1.55	278.44	102.39	9.57	9.56	67336.30	26482.47	753.53	
	387	1.55	286.40	93.45	14.05	13.98	67331.69	26481.97	755.33	
	388	1.55	277.16	96.42	12.19	12.17	67333.87	26483.42	754.57	
	389	1.55	277.96	94.72	16.30	16.24	67329.91	26484.42	755.24	
	390	1.55	275.32	102.11	12.09	12.08	67334.06	26483.73	753.49	
	391	1.55	271.06	102.91	15.91	15.89	67330.83	26485.94	753.16	
	21001	0.00	286.96	107.79	9.14	9.07	67336.52	26481.15	754.32	
	392	0.00	265.37	110.05	14.78	14.60	67332.58	26486.63	753.11	
	393	1.55	258.98	103.48	15.73	15.71	67332.39	26488.50	753.03	
	394	0.60	241.13	119.99	19.45	18.50	67333.48	26493.91	748.83	
	395	1.55	256.37	103.70	12.16	12.14	67335.66	26486.95	753.18	
	21002	0.00	256.86	104.90	12.12	12.08	67335.64	26486.84	754.51	
	21003	0.00	228.63	112.64	4.25	4.17	67343.47	26483.49	754.60	
	21004	0.00	324.14	112.70	3.89	3.81	67342.05	26478.23	754.67	
	396	0.20	272.28	101.59	19.74	19.73	67327.13	26487.07	754.75	
	397	1.55	270.59	103.26	19.76	19.73	67327.34	26487.55	752.88	
	398	1.55	268.45	104.00	25.80	25.75	67322.15	26490.69	752.27	
	399	1.55	263.79	104.18	25.67	25.61	67323.12	26492.30	752.20	
	400	1.55	259.12	104.15	25.89	25.84	67323.91	26494.03	752.20	
	401	1.55	258.33	104.63	28.02	27.95	67322.34	26495.48	751.85	
	402	1.55	260.19	104.69	32.30	32.21	67318.28	26497.08	751.51	
	403	1.55	257.38	104.93	33.13	33.03	67318.40	26498.73	751.33	
	404	3.00	257.03	104.93	33.18	33.08	67318.46	26498.91	749.87	

405	1.55	253.74	109.09	29.29	28.99	67322.70	26497.75	749.72
406	1.70	254.80	108.43	29.11	28.86	67322.52	26497.29	749.89
407	1.55	255.25	107.35	29.06	28.87	67322.38	26497.13	750.54
408	1.55	255.61	108.22	27.70	27.47	67323.41	26496.17	750.32

NP	T	R	Z	S	D	X	Y	H
409	0.10	250.39	112.92	29.97	29.35	67323.40	26499.17	749.30
410	1.55	247.94	111.65	25.69	25.26	67327.13	26497.19	749.21
411	0.10	239.85	119.49	28.02	26.72	67328.55	26500.51	746.89
412	1.55	249.62	111.53	25.34	24.93	67326.93	26496.48	749.32
413	1.55	250.50	112.26	24.40	23.95	67327.45	26495.58	749.22
414	1.55	245.84	115.74	22.14	21.47	67330.39	26495.09	748.47
415	1.55	263.45	104.65	32.86	32.77	67316.95	26495.94	751.49
416	1.55	266.94	103.72	32.53	32.47	67316.38	26494.21	751.99
417	1.55	267.27	101.59	32.56	32.55	67316.23	26494.10	753.08
418	1.55	266.32	104.09	34.85	34.78	67314.46	26495.54	751.65
419	1.55	265.80	104.44	35.82	35.73	67313.74	26496.23	751.39
420	1.55	267.03	102.23	36.09	36.07	67313.13	26495.76	752.62
421	1.00	282.14	95.48	20.58	20.53	67325.47	26484.32	755.90
422	0.00	286.80	96.56	20.78	20.75	67324.98	26482.87	756.56

СТАНЦИЯ лт3 - G (I= 1.440) ЕОТ

NT	X	Y	H	O	V
пт22	67345.50	26479.85	753.92	99.75	0.00
пт22	67345.50	26479.85	753.92	99.75	0.00
пт21	67337.77	26481.33	753.91	99.75	0.01
пт21	67337.77	26481.33	753.91	99.76	0.00
пт1001	67493.56	26451.04	775.55	99.76	0.00
тт526	69473.75	26979.29	0.00	99.75	0.00
пт23	67299.95	26509.86	748.82	99.74	0.01
пт23	67299.95	26509.86	748.82	99.75	0.00
тт526	69473.75	26979.29	0.00	99.76	-0.01
пт1001	67493.56	26451.04	775.55	99.77	-0.01
пт25	67209.95	26588.54	729.48	99.75	0.00
пт25	67209.95	26588.54	729.48	99.75	0.00
лт3	67303.27	26504.33	749.44	99.76	

	NP	T	R	Z	S	D	X	Y	H	VX
VY	VH									
пт22	1.55	266.80	94.03	49.03	48.81	67345.51	26479.85	753.92	-	
0.01	0.00	0.00								
пт22	1.55	266.80	94.03	49.03	48.81	67345.51	26479.85	753.92	-	
0.01	0.00	0.00								
пт21	1.55	262.81	93.00	41.71	41.46	67337.77	26481.33	753.91		
0.00	-0.01	0.00								
пт21	1.55	262.80	93.00	41.71	41.46	67337.77	26481.33	753.91		
0.00	0.00	0.00								
пт1001	0.00	282.86	92.10	0.00	0.00	67303.27	26504.33			
750.88190.29-53.29	24.67									
тт526	0.00	313.96	93.15	0.00	0.00	67303.27	26504.33			
750.88*****474.96*****										
пт23	0.00	34.74	119.62	6.79	6.47	67299.94	26509.87	748.82		
0.01	-0.01	0.00								
пт23	0.00	34.73	119.62	6.78	6.46	67299.95	26509.87	748.82		
0.00	0.00	0.00								
тт526	0.00	313.95	93.15	0.00	0.00	67303.27	26504.33			
750.88*****474.96*****										
пт1001	0.00	282.85	92.09	0.00	0.00	67303.27	26504.33			
750.88190.29-53.29	24.67									
пт25	1.55	53.51	109.97	127.26	125.70	67209.95	26588.54	729.48		
0.00	0.00	0.00								
пт25	1.55	53.51	109.97	127.26	125.70	67209.95	26588.54	729.48		
0.00	0.00	0.00								
23001	0.00	38.82	108.53	8.13	8.06	67298.69	26510.95	749.79		
23002	0.00	31.01	120.85	6.04	5.72	67300.62	26509.39	748.94		
23003	55.00	393.69	119.16	6.35	6.06	67303.90	26510.36	0.00		

23004	0.00	33.98	114.31	25.84	25.19	67290.55	26526.06	745.12
423	0.00	33.97	114.32	25.82	25.17	67290.56	26526.05	745.12
424	1.75	256.75	90.78	23.62	23.37	67321.40	26489.58	752.54
425	2.00	252.74	88.25	20.82	20.47	67318.30	26490.44	752.70
426	0.35	251.74	88.01	20.63	20.27	67317.94	26490.34	754.39
427	1.55	281.58	98.09	13.40	13.39	67316.09	26500.46	749.73

СТАНЦИЯ лтЗ - G (I= 1.440) ЕОТ

NT		X	Y	H	O	V				
пт1001		67493.56	26451.04	775.55	99.75	0.00				
пт1001		67493.56	26451.04	775.55	99.76	-0.01				
пт23		67299.95	26509.86	748.82	99.74	0.01				
пт23		67299.95	26509.86	748.82	99.75	0.00				
лтЗ		67303.27	26504.33	749.44	99.75					
NP		T	R	Z	S	D	X	Y	H	VX
VY	VH									
пт1001		0.00	282.87	92.10	0.00	0.00	67303.27	26504.33		
750.88190.29-53.29		24.67								
пт1001		0.00	282.86	92.10	0.00	0.00	67303.27	26504.33		
750.88190.29-53.29		24.67								
пт23		0.00	34.74	119.63	6.78	6.46	67299.95	26509.87	748.82	
0.00	0.00	0.00								
пт23		0.00	34.73	119.62	6.77	6.45	67299.95	26509.86	748.82	-
0.01	0.00	0.00								
428		1.55	280.13	97.33	12.37	12.36	67315.02	26500.49	749.85	
429		1.55	278.34	90.65	12.46	12.33	67314.88	26500.17	751.15	
430		1.55	288.63	101.60	12.68	12.68	67315.74	26502.03	749.01	
431		1.55	289.61	100.72	11.18	11.18	67314.30	26502.47	749.20	
432		1.55	274.47	91.87	12.04	11.94	67314.25	26499.63	750.86	
433		1.55	281.97	95.05	9.67	9.64	67312.52	26501.60	750.08	
434		1.55	284.50	95.29	10.76	10.73	67313.68	26501.70	750.12	
435	55.00	304.33	104.83	14.97	14.93	67318.17	26505.29	0.00		
436	1.55	279.23	91.49	9.52	9.44	67312.20	26501.27	750.60		
437	1.55	297.66	98.79	9.57	9.57	67312.84	26503.94	749.51		
438	1.55	266.09	91.32	9.10	9.02	67311.02	26499.72	750.57		
439	1.55	253.65	89.29	9.12	8.99	67309.96	26498.32	750.86		
440	1.55	250.83	83.34	9.17	8.86	67309.59	26498.13	751.70		
441	0.20	235.95	85.95	16.20	15.81	67311.68	26490.95	754.22		
442	0.20	207.48	79.99	10.66	10.14	67304.42	26494.26	753.97		
443	55.00	250.24	87.91	24.01	23.58	67319.95	26487.66	0.00		
444	55.00	260.22	88.92	23.21	22.86	67321.76	26490.89	0.00		
445	0.45	248.43	88.11	23.92	23.50	67319.41	26487.24	754.87		
446	55.00	320.18	99.99	9.70	9.70	67312.50	26507.32	0.00		
447	1.55	129.99	73.65	1.56	1.43	67302.00	26503.69	749.96		
448	1.55	121.08	85.29	1.05	1.02	67302.31	26504.00	749.57		
449	0.00	138.46	105.31	1.49	1.48	67302.05	26503.49	750.75		
450	0.00	168.15	80.37	8.23	7.84	67299.49	26497.46	753.38		
451	0.00	311.36	119.46	3.71	3.54	67306.76	26504.95	749.76		
452	0.00	336.75	126.21	2.94	2.69	67305.54	26505.79	749.70		
453	55.00	6.67	113.73	17.73	17.32	67301.53	26521.56	0.00		
454	55.00	9.72	115.39	19.01	18.46	67300.54	26522.58	0.00		
455	2.50	25.96	114.38	6.35	6.19	67300.84	26510.02	746.96		
456	1.55	33.72	105.99	7.09	7.06	67299.73	26510.44	748.66		
457	1.55	38.05	106.47	6.79	6.75	67299.50	26509.93	748.64		
458	1.55	32.83	105.83	5.80	5.78	67300.45	26509.37	748.80		
459	1.55	27.02	104.43	5.88	5.87	67300.88	26509.69	748.92		
460	1.55	22.36	116.59	8.77	8.47	67300.39	26512.30	747.07		
461	0.00	21.55	121.46	5.50	5.19	67301.57	26509.23	749.06		
462	0.00	36.44	116.01	21.74	21.06	67291.95	26522.07	745.47		
463	1.55	38.25	105.55	8.25	8.22	67298.66	26511.13	748.61		
464	1.55	57.65	106.94	7.39	7.35	67297.52	26508.89	748.52		
465	1.55	75.32	104.64	7.55	7.53	67296.32	26507.20	748.78		

NP	T	R	Z	S	D	X	Y	H
466	1.55	74.99	102.64	3.96	3.96	67299.63	26505.86	749.16
467	0.15	113.44	104.61	3.39	3.38	67299.97	26503.63	750.48
468	0.30	91.54	99.58	6.23	6.23	67297.11	26505.18	750.62
469	0.20	86.46	94.53	11.58	11.54	67292.01	26506.81	751.67
470	1.55	75.28	104.32	11.28	11.25	67292.88	26508.63	748.56
471	0.00	74.63	106.43	17.47	17.38	67287.28	26511.14	749.12
472	0.00	67.07	103.83	35.63	35.57	67272.44	26522.04	748.74
473	0.00	65.34	103.80	38.63	38.56	67270.37	26524.43	748.57
474	0.00	61.00	106.61	19.24	19.14	67287.66	26515.39	748.88
475	0.00	72.09	106.68	17.96	17.86	67287.13	26511.98	749.00
476	1.55	56.47	104.53	18.84	18.79	67288.76	26516.26	747.99
477	1.55	60.88	104.03	13.60	13.57	67292.22	26512.20	748.47
478	1.55	46.15	107.98	9.09	9.02	67297.32	26511.10	748.19
479	1.55	58.94	106.78	13.46	13.38	67292.62	26512.42	747.90
480	1.55	58.60	107.55	14.05	13.95	67292.20	26512.82	747.67
481	1.55	56.81	107.51	14.36	14.26	67292.21	26513.32	747.64
482	1.55	49.76	107.51	14.08	13.98	67293.47	26514.29	747.67
483	1.55	42.51	107.68	14.52	14.41	67294.40	26515.68	747.58
484	1.75	40.61	107.64	14.66	14.55	67294.66	26516.06	747.37
485	1.55	55.49	105.45	21.90	21.82	67286.63	26518.44	747.46
486	1.55	53.82	108.57	22.08	21.88	67286.96	26518.91	746.37
487	1.55	52.77	108.70	21.99	21.78	67287.27	26519.11	746.33
488	1.55	47.85	108.93	21.95	21.73	67288.50	26520.27	746.26
489	1.55	44.02	108.71	22.34	22.13	67289.23	26521.43	746.28
490	1.90	42.85	108.74	22.40	22.19	67289.52	26521.73	745.91
491	2.50	44.01	108.06	28.97	28.74	67285.04	26526.54	744.72
492	3.30	39.60	108.04	29.05	28.82	67286.58	26527.82	743.92
493	1.55	44.91	109.04	28.68	28.39	67284.95	26526.02	745.27
494	1.55	48.70	109.72	28.56	28.23	67283.81	26524.77	744.98
495	1.55	52.82	109.88	30.16	29.80	67281.38	26524.53	744.67
496	1.55	53.59	109.87	30.13	29.77	67281.16	26524.25	744.68
497	1.55	54.97	106.83	30.07	29.90	67280.63	26523.85	746.11

СТАНЦИЯ пт25 - G (I= 1.518) ЕОТ

NT	X	Y	H	O	V
лт3	67303.27	26504.33	749.44	200.81	0.01
лт3	67303.27	26504.33	749.44	200.82	0.00
пт1001	67493.56	26451.04	775.55	200.82	0.00
тт526	69473.75	26979.29	0.00	200.82	0.00
тт526	69473.75	26979.29	0.00	200.83	-0.01
пт1001	67493.56	26451.04	775.55	200.83	-0.01
пт714	67187.12	26580.11	729.67	200.81	0.01
пт714	67187.12	26580.11	729.67	200.82	0.00
пт711	67356.94	26616.60	726.32	200.82	0.00
пт711	67356.94	26616.60	726.32	200.82	0.00
пт26	67387.14	26525.62	738.43	200.82	0.00
пт26	67387.14	26525.62	738.43	200.82	0.00
пт25	67209.95	26588.54	729.48	200.82	

NP	T	R	Z	S	D	X	Y	H	VX
YH									
лт3	1.55	152.45	89.97	127.28	125.70	67303.29	26504.34	749.42	-
0.02 -0.01 0.02									
лт3	1.55	152.44	89.96	127.28	125.70	67303.27	26504.32	749.44	
0.00 0.01 0.00									
пт1001	0.00	170.44	91.06	0.00	0.00	67209.95	26588.54		
731.00283.61*****	44.55								
тт526	0.00	210.06	92.83	0.00	0.00	67209.95	26588.54		
731.00*****	390.75*****								
тт526	0.00	210.05	92.83	0.00	0.00	67209.95	26588.54		
731.00*****	390.75*****								
пт1001	0.00	170.43	91.07	0.00	0.00	67209.95	26588.54		
731.00283.61*****	44.55								
пт714	1.55	21.70	99.44	24.35	24.35	67187.12	26580.11	729.67	
0.00 0.00 0.00									
пт714	1.55	21.69	99.44	24.35	24.35	67187.12	26580.11	729.67	
0.00 0.00 0.00									
пт711	1.55	211.19	101.33	149.68	149.65	67356.95	26616.61	726.32	-
0.01 -0.01 0.00									
пт711	1.55	211.19	101.33	149.68	149.65	67356.95	26616.61	726.32	-
0.01 -0.01 0.00									
пт26	2.00	177.46	96.82	188.27	188.04	67387.15	26525.63	738.40	-
0.01 -0.01 0.03									
пт26	2.00	177.46	96.81	188.27	188.03	67387.15	26525.63	738.43	-
0.01 -0.01 0.00									
25001	0.05	358.24	121.17	4.19	3.96	67206.79	26590.91	729.58	
25002	0.05	337.31	111.77	7.87	7.74	67205.59	26594.93	729.50	
25003	0.05	2.12	106.63	15.12	15.04	67194.94	26587.85	729.38	
25004	0.05	116.21	105.98	12.02	11.97	67213.12	26577.00	729.82	
498	55.00	144.19	85.72	86.68	84.51	67264.85	26524.29	0.00	
499	1.00	131.19	84.20	74.06	71.79	67244.55	26525.63	748.19	

СТАНЦИЯ пт25 - G (I= 1.496) ЕОТ

NT	X	Y	H	O	V
пт711	67356.94	26616.60	726.32	83.09	0.01
пт711	67356.94	26616.60	726.32	83.09	0.01
пт1001	67493.56	26451.04	775.55	83.09	0.00
тт526	69473.75	26979.29	0.00	83.09	0.00
тт526	69473.75	26979.29	0.00	83.10	-0.01
пт1001	67493.56	26451.04	775.55	83.10	-0.01
пт714	67187.12	26580.11	729.67	83.09	0.00
пт714	67187.12	26580.11	729.67	83.09	0.00

[illegible]

NP	T	R	Z	S	D	X	Y	H
500	1.55	269.14	89.31	89.70	88.44	67274.65	26528.24	744.42
501	1.55	269.53	90.38	89.51	88.49	67275.05	26528.60	742.90
502	1.55	269.79	90.37	89.48	88.46	67275.27	26528.89	742.91
503	1.55	270.94	90.40	89.34	88.33	67276.24	26530.17	742.85
504	1.85	272.02	90.01	89.14	88.04	67277.01	26531.48	743.06
505	1.95	273.46	90.01	89.13	88.03	67278.27	26533.02	742.96
506	1.55	268.82	89.59	86.31	85.16	67271.95	26530.16	743.48
507	1.55	269.18	90.61	86.12	85.18	67272.30	26530.50	742.09
508	0.00	265.33	88.62	83.19	81.86	67266.39	26529.24	745.77
509	1.55	268.43	89.76	81.38	80.33	67268.10	26533.12	742.46
510	1.55	268.77	90.75	81.38	80.52	67268.53	26533.29	741.21
511	1.55	269.06	90.74	81.32	80.46	67268.74	26533.60	741.22
512	1.55	270.21	90.69	81.00	80.14	67269.48	26534.89	741.23
513	1.55	271.38	90.59	79.86	78.99	67269.59	26536.75	741.19
514	2.20	271.98	89.96	82.63	81.60	67272.07	26535.62	741.76
515	2.20	271.61	89.95	83.49	82.45	67272.40	26534.70	741.90
516	1.55	267.05	90.59	73.31	72.51	67261.34	26537.38	740.23
517	1.55	267.74	90.95	73.22	72.48	67261.88	26537.96	739.80
518	1.55	268.25	90.98	73.17	72.44	67262.24	26538.41	739.76
519	1.55	269.57	91.00	72.97	72.24	67263.13	26539.64	739.71
520	0.00	260.86	88.19	72.99	71.74	67255.64	26533.23	744.44
521	1.55	271.14	90.87	72.61	71.86	67264.03	26541.21	739.81
522	3.20	273.73	90.93	72.37	71.64	67265.73	26543.60	738.06
523	1.55	265.44	90.85	63.75	63.09	67253.53	26542.91	738.56
524	1.55	266.38	91.21	63.20	62.60	67253.85	26543.91	738.13
525	1.55	267.10	91.21	62.92	62.32	67254.16	26544.61	738.09
526	0.70	259.17	87.93	64.68	63.52	67249.09	26538.51	742.47
527	1.55	269.40	91.55	62.55	62.00	67255.48	26546.45	737.71
528	1.55	271.40	91.49	62.39	61.83	67256.65	26548.01	737.74
529	2.80	274.53	91.50	62.48	61.92	67258.66	26550.30	736.50
530	1.55	267.12	90.69	57.19	56.58	67250.09	26548.67	737.76
531	1.55	267.55	91.68	56.98	56.49	67250.30	26549.00	736.85
532	1.55	267.91	91.68	57.04	56.55	67250.57	26549.19	736.86
533	1.55	270.05	91.99	56.74	56.29	67251.67	26550.75	736.55
534	0.40	260.85	89.70	55.42	54.70	67244.78	26546.37	739.51
535	1.55	272.08	91.86	56.29	55.83	67252.51	26552.40	736.61
536	55.00	274.16	92.49	59.33	58.92	67256.08	26551.89	0.00
537	1.00	276.29	93.57	58.95	58.65	67257.06	26553.61	735.92
538	0.80	276.64	94.27	61.66	61.41	67259.48	26552.24	735.72
539	1.55	273.16	92.11	51.13	50.74	67249.18	26556.36	735.75
540	1.55	270.14	92.37	50.81	50.45	67247.39	26554.73	735.50
541	1.55	267.63	92.21	51.04	50.66	67246.18	26553.13	735.66
542	1.55	267.13	92.15	50.97	50.58	67245.84	26552.90	735.70
543	1.55	266.51	90.86	51.06	50.53	67245.46	26552.59	736.73
544	1.55	261.40	91.90	41.53	41.19	67236.46	26557.00	734.70
545	1.55	261.70	93.01	40.84	40.59	67236.22	26557.59	733.90
546	1.55	262.17	93.08	40.68	40.44	67236.34	26557.90	733.84
547	1.55	265.24	93.31	39.31	39.09	67236.87	26560.18	733.55

NP	T	R	Z	S	D	X	Y	H
548	1.55	268.10	93.51	38.00	37.80	67237.18	26562.32	733.30
549	0.20	250.51	91.63	40.75	40.40	67230.30	26553.64	736.12
550	1.55	271.14	93.94	36.84	36.67	67237.55	26564.39	732.93
551	1.55	274.32	93.81	35.93	35.76	67238.01	26566.36	732.92
552	1.55	277.19	95.74	35.28	35.20	67238.52	26567.98	731.79
553	0.00	283.54	98.35	44.42	44.41	67248.40	26566.32	732.13
554	1.55	270.09	94.93	28.85	28.76	67231.28	26569.25	731.72
555	1.55	268.32	93.99	29.12	28.99	67230.91	26568.50	732.17
556	1.55	267.02	94.27	30.36	30.24	67231.38	26567.20	732.16
557	1.55	259.26	94.08	31.40	31.26	67229.25	26563.94	732.34
558	1.55	255.40	93.72	32.01	31.85	67228.06	26562.33	732.58
559	0.00	246.41	95.63	35.29	35.21	67225.70	26557.05	733.40
560	1.55	251.79	94.00	26.91	26.79	67223.91	26565.67	731.96
561	1.55	252.88	94.54	26.61	26.51	67224.15	26566.15	731.71
562	1.55	255.41	94.59	26.34	26.24	67224.88	26566.95	731.66
563	0.00	241.29	97.24	27.19	27.16	67220.10	26563.34	732.16
564	0.00	241.61	97.22	28.72	28.69	67220.81	26561.98	732.23
565	0.50	244.80	95.88	27.17	27.11	67221.45	26563.99	732.24
566	1.55	266.17	94.76	24.95	24.87	67227.33	26570.76	731.48
567	0.00	261.02	98.84	24.75	24.75	67225.76	26569.50	731.43
568	0.00	254.82	99.78	22.08	22.08	67222.34	26570.26	731.06
569	1.55	251.88	95.35	21.65	21.59	67221.23	26570.13	731.01
570	1.55	249.76	95.02	21.73	21.66	67220.64	26569.70	731.13
571	1.55	250.03	99.83	11.82	11.82	67215.83	26578.29	729.46
572	1.55	249.65	105.49	11.90	11.86	67215.79	26578.22	728.40
573	1.55	242.08	97.18	13.25	13.24	67215.05	26576.32	730.02
574	1.55	245.60	99.29	12.24	12.24	67215.28	26577.52	729.57
575	1.55	222.71	95.09	13.02	12.98	67211.13	26575.61	730.43
576	1.55	221.95	98.43	11.98	11.98	67210.90	26576.60	729.72
577	0.00	218.57	109.39	9.90	9.79	67210.21	26578.75	729.52
578	0.00	233.17	101.34	23.25	23.24	67215.83	26566.05	730.49
579	0.00	257.99	109.52	10.11	10.00	67215.97	26580.55	729.47
580	0.00	274.32	108.83	11.07	10.96	67218.55	26581.74	729.45
581	0.00	295.31	106.70	15.73	15.64	67224.70	26583.33	729.33
582	0.00	285.96	106.56	14.60	14.52	67222.80	26581.76	729.48
583	1.55	295.75	99.04	18.17	18.17	67227.13	26582.61	729.70
584	0.00	292.77	100.47	18.91	18.91	67227.52	26581.54	730.84
585	0.00	279.83	101.69	16.74	16.73	67223.93	26579.34	730.53
586	0.00	276.26	104.10	16.12	16.09	67222.87	26578.95	729.94
587	1.55	276.14	94.10	49.57	49.36	67249.53	26559.05	734.02
588	1.55	277.79	94.15	49.10	48.89	67249.91	26560.35	733.93
589	1.55	280.51	94.06	48.69	48.48	67250.72	26562.31	733.97
590	1.55	282.26	95.61	48.57	48.45	67251.41	26563.45	732.78
591	0.00	290.65	98.67	43.94	43.93	67250.20	26570.93	731.90
592	1.55	278.77	94.82	62.49	62.28	67261.39	26553.42	734.51
593	1.55	280.51	94.91	62.29	62.09	67262.17	26554.95	734.40
594	1.55	282.57	94.78	61.67	61.46	67262.69	26556.97	734.48
595	0.00	285.28	97.36	61.13	61.08	67263.65	26559.43	733.51

NP	T	R	Z	S	D	X	Y	H
596	0.00	292.49	98.54	54.50	54.49	67260.48	26568.15	732.23
597	1.55	280.41	95.09	73.89	73.67	67271.84	26548.58	735.12
598	1.55	282.87	95.32	73.24	73.04	67272.80	26551.32	734.81
599	1.55	284.77	95.30	73.08	72.88	67273.74	26553.29	734.82
600	1.55	287.40	97.06	71.95	71.87	67274.24	26556.41	732.75
601	2.20	291.82	97.07	72.13	72.05	67276.48	26560.88	732.10
602	1.55	282.60	95.32	80.13	79.91	67278.54	26547.53	735.31
603	1.55	281.92	95.19	84.17	83.93	67281.52	26544.70	735.78
604	1.55	281.29	95.36	82.68	82.46	67279.84	26544.78	735.45
605	1.55	288.79	95.51	88.23	88.01	67289.52	26550.92	735.65
606	1.55	292.47	97.31	90.47	90.39	67293.77	26554.69	733.25
607	1.55	295.73	98.02	89.78	89.74	67294.77	26559.24	732.22
608	1.55	287.62	95.54	91.53	91.31	67291.77	26548.00	735.84
609	2.45	284.08	94.87	90.50	90.21	67288.43	26544.06	735.81
610	2.35	283.55	94.85	88.89	88.60	67286.66	26544.21	735.81
611	1.55	285.96	95.45	89.49	89.26	67288.88	26546.84	735.82
612	2.35	284.76	94.84	92.70	92.40	67290.82	26543.84	736.13
613	1.55	285.94	95.55	96.55	96.31	67295.09	26543.52	736.17
614	1.55	286.31	95.61	97.95	97.72	67296.60	26543.37	736.18
615	1.55	286.62	95.58	97.80	97.56	67296.69	26543.86	736.21
616	1.55	287.17	95.57	99.80	99.56	67298.84	26543.71	736.37
617	1.55	287.62	95.61	101.13	100.89	67300.35	26543.75	736.40
618	1.55	288.14	95.55	100.79	100.54	67300.41	26544.64	736.47
619	1.55	289.40	95.66	99.42	99.19	67300.03	26547.01	736.20
620	1.55	291.82	95.56	98.78	98.54	67300.95	26550.71	736.31
621	1.55	294.19	97.08	98.20	98.10	67301.88	26554.28	733.93
622	1.55	296.63	97.52	98.26	98.19	67303.20	26557.79	733.26
623	1.55	297.71	96.64	109.41	109.26	67314.28	26556.09	735.20
624	1.55	294.55	96.09	110.24	110.03	67313.27	26550.69	736.20
625	1.55	293.61	95.72	111.11	110.86	67313.47	26548.87	736.89
626	2.00	291.93	95.53	111.21	110.94	67312.46	26546.13	736.78
627	2.00	291.30	95.45	113.30	113.01	67313.95	26544.30	737.07
628	0.00	291.07	95.05	113.08	112.74	67313.53	26544.03	739.76
629	0.00	288.03	94.51	101.29	100.91	67300.66	26544.32	739.70

СТАНЦИЯ пт26 - G (I= 1.527) ЕОТ

	NT	X	Y	H	O	V
пт25		67209.95	26588.54	729.48	279.39	0.00
пт25		67209.95	26588.54	729.48	279.39	0.00
пт30		67409.92	26529.61	737.36	279.39	0.00
пт30		67409.92	26529.61	737.36	279.40	-0.01
пт26		67387.14	26525.62	738.43	279.39	

	NP	T	R	Z	S	D	X	Y	H	VX
VY	VH									
	пт25	2.67	298.89	102.65	188.20	188.04	67209.95	26588.53	729.45	
0.01	0.01	0.03								
	пт25	2.67	298.89	102.64	188.20	188.04	67209.95	26588.53	729.48	
0.01	0.01	0.00								
	пт30	1.55	131.66	102.89	23.16	23.14	67409.93	26529.61	737.36	-
0.01	0.00	0.00								
	пт30	1.55	131.65	102.88	23.16	23.14	67409.93	26529.61	737.36	-
0.01	0.00	0.00								

NP	T	R	Z	S	D	X	Y	H
26001	0.00	334.68	99.83	2.50	2.50	67384.70	26525.07	739.96
26002	0.00	16.59	100.69	6.88	6.88	67386.71	26518.75	739.88
26003	0.00	35.72	100.36	7.76	7.76	67388.97	26518.07	739.91
26004	0.00	49.80	99.55	10.88	10.88	67391.95	26515.86	740.04
630	1.55	304.76	101.24	73.75	73.74	67315.68	26543.78	736.97
631	1.55	305.33	101.15	71.98	71.97	67317.24	26542.72	737.11
632	1.55	305.60	101.13	65.61	65.60	67323.36	26540.94	737.24
633	1.55	305.65	101.15	64.31	64.30	67324.61	26540.59	737.25
634	1.55	305.61	100.97	62.85	62.84	67326.04	26540.29	737.45
635	1.55	304.52	101.05	62.24	62.23	67326.89	26541.18	737.38
636	1.55	306.43	100.40	58.69	58.69	67329.91	26538.58	738.04
637	1.55	308.12	100.88	56.60	56.59	67331.63	26536.65	737.63
638	1.55	304.99	101.01	57.14	57.13	67331.73	26539.49	737.50
639	1.55	300.84	101.87	52.50	52.48	67337.18	26541.65	736.87
640	1.55	301.58	101.04	52.29	52.28	67337.18	26541.01	737.55
641	1.55	304.49	101.20	52.12	52.11	67336.70	26538.67	737.43
642	0.00	287.71	104.74	48.95	48.81	67344.70	26549.73	736.32
643	1.55	308.68	101.22	53.19	53.18	67334.90	26535.52	737.39
644	1.55	309.41	101.07	49.90	49.89	67338.02	26534.35	737.57
645	1.55	310.53	100.96	44.76	44.75	67342.95	26532.67	737.73
646	2.00	310.16	100.49	47.01	47.01	67340.77	26533.30	737.60
647	1.55	309.46	101.01	43.64	43.63	67344.18	26533.22	737.72
648	1.55	309.68	100.88	42.31	42.31	67345.46	26532.84	737.82
649	1.55	315.33	96.34	42.37	42.30	67344.99	26529.12	740.84
650	1.55	320.15	95.83	42.92	42.83	67344.32	26525.92	741.22
651	1.55	305.39	101.12	41.95	41.94	67346.39	26535.55	737.67
652	1.55	301.89	101.12	41.37	41.36	67347.55	26537.60	737.68
653	1.55	300.92	102.05	41.46	41.44	67347.67	26538.23	737.07
654	0.00	278.04	106.16	45.12	44.91	67351.91	26553.46	735.60
655	0.00	258.01	108.96	34.58	34.24	67368.16	26554.11	735.11
656	1.55	302.00	102.43	27.22	27.20	67361.10	26533.45	737.37
657	1.55	303.05	100.56	27.17	27.17	67361.00	26533.01	738.17
658	1.55	310.01	100.93	27.10	27.10	67360.42	26530.11	738.01
659	2.30	315.84	98.90	28.02	28.02	67359.21	26527.71	738.14
660	1.55	303.75	102.92	17.81	17.79	67369.98	26530.27	737.59
661	1.55	308.81	99.54	16.92	16.92	67370.52	26528.73	738.53
662	0.20	269.86	111.14	15.36	15.13	67376.58	26536.44	737.08
663	1.55	317.53	99.46	17.35	17.35	67369.81	26526.46	738.56
664	1.55	325.46	98.82	20.50	20.50	67366.71	26524.06	738.79
665	0.00	333.87	94.88	22.82	22.75	67364.89	26520.91	741.79
666	1.55	325.58	98.71	15.16	15.16	67372.03	26524.43	738.72
667	1.55	350.21	92.80	16.08	15.98	67372.87	26518.45	740.22
668	1.55	351.52	90.76	12.97	12.83	67375.80	26519.63	740.28
669	0.15	343.50	94.11	24.98	24.87	67363.86	26516.86	742.12
670	1.50	372.69	99.31	8.26	8.26	67381.50	26519.59	738.55
671	0.70	388.52	86.07	12.92	12.61	67381.05	26514.57	742.06
672	1.55	364.49	101.37	5.27	5.27	67383.08	26522.27	738.29
673	1.55	334.60	100.98	2.73	2.73	67384.48	26525.02	738.37

NP	T	R	Z	S	D	X	Y	H
674	1.55	308.07	113.68	3.69	3.61	67383.61	26526.32	737.62
675	1.55	329.41	99.90	2.61	2.61	67384.56	26525.26	738.41
676	1.55	357.92	97.83	2.39	2.39	67385.16	26524.29	738.49
677	0.40	222.91	116.84	11.78	11.37	67386.73	26536.98	736.48
678	0.00	204.88	109.66	35.20	34.80	67395.65	26559.35	734.64
679	1.55	125.75	99.79	0.47	0.47	67387.61	26525.65	738.41
680	1.55	221.67	99.19	0.95	0.95	67387.13	26526.56	738.42
681	1.45	16.55	99.55	6.87	6.87	67386.70	26518.76	738.56
682	1.55	35.89	98.00	7.75	7.75	67388.98	26518.09	738.65
683	1.55	29.40	89.16	9.59	9.45	67388.45	26516.25	740.03
684	1.55	19.13	83.23	13.66	13.19	67386.84	26512.43	741.97
685	1.55	15.87	85.06	17.23	16.76	67385.90	26508.90	742.41
686	1.55	26.25	89.07	16.35	16.11	67388.56	26509.57	741.20
687	1.55	31.21	91.22	15.14	15.00	67389.63	26510.83	740.49
688	1.55	47.30	95.46	9.11	9.09	67390.84	26517.32	739.06
689	1.55	78.90	102.31	8.95	8.94	67394.23	26520.17	738.08
690	0.10	49.75	101.66	10.88	10.88	67391.95	26515.86	739.57
691	1.55	55.82	101.69	12.33	12.33	67393.62	26515.13	738.08
692	1.55	50.68	101.90	11.08	11.08	67392.18	26515.75	738.08
693	1.55	60.34	101.56	13.89	13.89	67395.26	26514.35	738.07
694	1.55	69.86	101.72	13.41	13.41	67396.51	26516.03	738.05
695	1.55	76.99	102.62	11.50	11.49	67396.04	26518.35	737.94
696	1.55	80.78	101.82	13.93	13.92	67398.43	26517.46	738.01
697	1.55	88.96	102.52	12.22	12.21	67397.88	26519.79	737.92
698	0.00	93.25	108.06	15.17	15.05	67400.82	26519.35	738.04
699	0.00	96.46	108.92	13.99	13.85	67400.01	26520.49	738.00
700	0.00	106.40	107.73	15.60	15.49	67402.24	26522.19	738.07
701	0.15	122.65	107.64	19.24	19.10	67406.23	26526.23	737.50
702	1.55	125.87	103.38	23.89	23.86	67410.91	26527.58	737.14
703	1.55	127.09	103.53	24.07	24.03	67411.05	26528.06	737.07
704	1.55	129.24	103.59	25.02	24.98	67411.89	26528.99	737.00
705	1.55	133.45	104.19	28.71	28.65	67415.21	26531.35	736.52
706	1.55	136.35	104.16	28.13	28.07	67414.36	26532.48	736.57
707	1.55	132.57	103.22	23.81	23.78	67410.50	26530.06	737.20
708	1.55	130.72	103.10	23.23	23.20	67410.05	26529.29	737.28
709	1.55	132.74	102.63	21.92	21.90	67408.65	26529.76	737.50
710	0.00	134.63	104.48	20.85	20.80	67407.44	26530.16	738.49
711	1.55	137.06	102.82	19.63	19.61	67406.10	26530.63	737.54
712	1.55	166.45	104.32	11.27	11.24	67395.59	26533.03	737.64
713	1.55	165.24	104.14	10.29	10.27	67394.98	26532.24	737.74
714	2.50	170.95	104.15	12.99	12.96	67396.26	26534.83	736.61
715	0.00	183.36	110.34	30.39	29.99	67403.70	26550.62	735.04
716	1.55	205.79	112.04	10.24	10.06	67389.46	26535.40	736.48
717	2.10	198.52	102.92	7.93	7.92	67389.84	26533.06	737.49
718	0.00	81.38	124.97	4.73	4.37	67390.71	26523.09	738.15
719	0.00	138.67	112.53	11.20	10.98	67397.69	26528.69	737.77

СТАНЦИЯ пт30 - G (I= 1.565) EOT

NT	X	Y	H	O	V
пт26	67387.14	26525.62	738.43	186.73	0.01
пт26	67387.14	26525.62	738.43	186.74	0.00
пт1001	67493.56	26451.04	775.55	186.73	0.01
пт1001	67493.56	26451.04	775.55	186.74	0.00
тт526	69473.75	26979.29	0.00	186.74	0.00
тт526	69473.75	26979.29	0.00	186.74	0.00
пт1	67438.24	26448.29	741.40	186.73	0.00
пт1	67438.24	26448.29	741.40	186.73	0.00
пт30	67409.92	26529.61	737.36	186.74	.

VY	NP	T	R	Z	S	D	X	Y	H	VX
	VH									
пт26	1.55	24.32	97.10	23.16	23.14	67387.14	26525.61	738.43		
0.00	0.00	0.00								
пт26	1.55	24.31	97.10	23.16	23.14	67387.14	26525.62	738.43		
0.00	0.00	0.00								
пт1001	0.00	165.26	80.33	120.46	114.76	67493.57	26451.05	775.55	-	
0.01	-0.01	-0.01								
пт1001	0.00	165.25	80.33	120.44	114.74	67493.55	26451.05	775.55		
0.02	-0.01	0.00								
тт526	0.00	226.92	92.44	0.00	0.00	67409.92	26529.61			
738.92	*****449.68*****									
тт526	0.00	226.92	92.44	0.00	0.00	67409.92	26529.61			
738.92	*****449.68*****									
пт1	2.00	134.60	96.70	86.23	86.11	67438.24	26448.29	741.39		
0.00	0.00	0.00								
пт1	2.00	134.60	96.70	86.23	86.11	67438.24	26448.29	741.39		
0.00	0.00	0.00								
30001	0.00	59.11	112.33	5.03	4.94	67406.22	26526.36	737.96		
30002	0.00	142.66	121.12	2.48	2.34	67410.97	26527.51	738.12		
30003	0.00	258.51	106.66	0.61	0.61	67410.38	26530.01	738.86		

КАМ	ВНЕСЕ	В
ИНВЕ	ПРОЕКТИРАНЕ	
КН	№ 09522	
П	ЮЛИАН	
ПОДПИС	ТОШКОВ	
ПОДПИС	ПОДПИС	

КООРДИНАТЕН РЕГИСТЪР

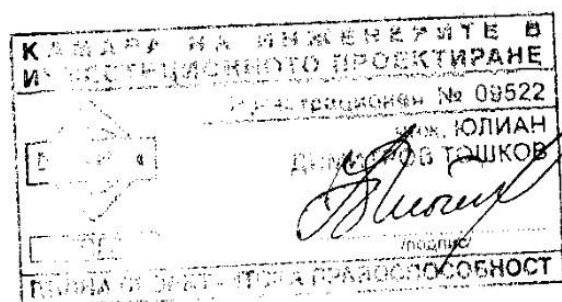
на точките от Обект: "Улица "1" и "2" в с. Сопотот, общ. Рудо
Подобект: "Улица "2" в с. Сопотот, общ. Рудозем"

координатна система 1970г.

N	X	Y	кота
ИЗХОДНИ ТОЧКИ			
110020	4467358.22	8626464.27	755.88
110021	4467337.77	8626481.33	753.91
110022	4467345.50	8626479.85	753.92
110023	4467299.94	8626509.86	748.82
110025	4467209.95	8626588.54	729.48
110026	4467409.92	8626525.62	738.43
110030	4467409.92	8626529.61	737.36
ТОЧКИ ОТ ОБЕКТА			
1	4467216.183	8626585.240	
2	4467216.564	8626584.575	
3	4467218.646	8626580.950	
4	4467221.535	8626575.899	
5	4467224.520	8626570.684	
6	4467226.219	8626568.138	
7	4467228.093	8626565.996	
8	4467231.203	8626563.367	
9	4467234.611	8626561.280	
10	4467244.196	8626555.653	
11	4467242.530	8626553.793	
12	4467242.369	8626553.617	
13	4467250.769	8626549.668	
14	4467249.105	8626547.827	
15	4467248.946	8626547.649	
16	4467256.345	8626540.932	
17	4467256.505	8626541.107	
18	4467258.187	8626542.962	
19	4467260.417	8626537.306	
20	4467260.536	8626537.517	
21	4467262.735	8626535.395	
22	4467262.889	8626535.588	
23	4467264.448	8626537.541	
24	4467269.293	8626533.923	
25	4467267.860	8626531.870	
26	4467267.718	8626531.667	
27	4467273.939	8626530.680	
28	4467272.497	8626528.632	
29	4467272.367	8626528.423	
30	4467280.107	8626526.373	
31	4467278.686	8626524.310	
32	4467278.558	8626524.109	
33	4467284.558	8626522.876	
34	4467282.893	8626520.987	
35	4467282.726	8626520.816	
36	4467288.568	8626518.917	
37	4467286.699	8626517.255	

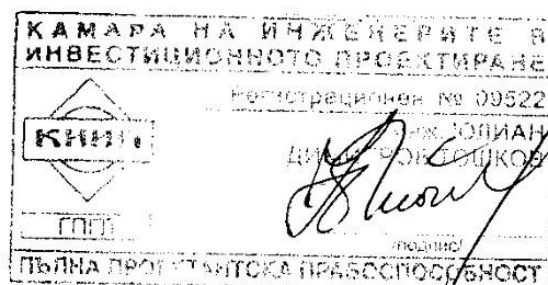
38	4467286.549	8626517.065	
39	4467289.839	8626513.783	
40	4467289.680	8626513.603	
41	4467285.782	8626516.373	
42	4467285.290	8626512.918	
43	4467285.183	8626512.704	
44	4467293.451	8626508.741	
45	4467293.327	8626508.536	
46	4467297.633	8626508.891	
47	4467303.936	8626504.505	
48	4467302.495	8626502.462	
49	4467302.371	8626502.259	
50	4467311.889	8626498.977	
51	4467310.671	8626496.778	
52	4467310.593	8626496.544	
53	4467319.194	8626494.664	
54	4467317.439	8626492.074	
55	4467317.308	8626491.872	
56	4467319.657	8626487.625	
57	4467319.845	8626487.725	
58	4467327.191	8626487.414	
59	4467327.342	8626487.675	
60	4467329.261	8626488.455	
61	4467336.569	8626481.236	
62	4467336.728	8626481.492	
63	4467337.708	8626483.119	
64	4467321.890	8626491.035	
65	4467342.272	8626480.230	
66	4467351.891	8626473.095	
67	4467347.922	8626479.163	
68	4467347.796	8626479.019	
69	4467358.682	8626471.170	
70	4467358.588	8626471.003	
71	4467357.219	8626469.141	
72	4467378.631	8626461.268	
73	4467378.935	8626461.335	
74	4467372.651	8626448.396	
75	4467372.432	8626448.503	
76	4467372.202	8626448.614	
77	4467378.266	8626461.102	
78	4467358.403	8626470.750	
79	4467347.609	8626478.767	
80	4467312.952	8626500.674	
81	4467313.198	8626501.111	
82	4467299.309	8626510.766	
83	4467298.974	8626510.390	
84	4467287.442	8626522.957	
85	4467287.818	8626523.293	
86	4467281.447	8626527.877	
87	4467281.772	8626528.259	
88	4467270.423	8626535.574	
89	4467270.734	8626535.987	
90	4467252.083	8626551.201	
91	4467252.441	8626551.551	
92	4467243.952	8626558.579	
93	4467243.887	8626559.313	

94	4467247.723	8626560.857	
95	4467270.476	8626551.738	
96	4467277.304	8626549.577	
97	4467284.063	8626548.520	
98	4467237.764	8626563.463	
99	4467302.511	8626547.252	
100	4467313.642	8626546.489	
101	4467329.850	8626540.966	
102	4467347.387	8626534.482	
103	4467359.427	8626530.029	
104	4467378.797	8626523.404	
105	4467382.976	8626521.975	
106	4467385.649	8626521.238	
107	4467388.918	8626521.185	
108	4467391.584	8626521.856	
109	4467394.046	8626523.161	
111	4467397.039	8626526.219	
112	4467398.276	8626528.666	
113	4467398.929	8626531.514	



Регистър на засегнатите имоти

№	площ м ²	засегната площ м ²	НТП	Вид територия	Собственик
152	822	12	индивидуално застрояване	населени места	н-ци на Хасан Смаиловски
153	574	7	индивидуално застрояване	населени места	н-ци на Хасан Смаиловски
154	683	3	индивидуално застрояване	населени места	н-ци на Хасан Смаиловски
155	745	10	индивидуално застрояване	населени места	н-ци на Хасан Смаиловски
159	404	5	индивидуално застрояване	населени места	н-ци на Шабан Асанов Молабрахимов
163	386	1	индивидуално застрояване	населени места	Джафер Асанов Хайрлов




КООРДИНАТЕН РЕГИСТЪР
на точките от оста
Обект: „Улици “1” и “2” в с. Сопотот, общ.
Рудозем

Подобект: „Улица “2” в с. Сопотот, общ.
Рудозем

КООРДИНАТЕН РЕГИСТЪР		
№	X	Y
1	4467216.183	8626585.240
2	4467216.564	8626584.575
3	4467218.646	8626580.950
4	4467221.535	8626575.899
5	4467224.520	8626570.684
6	4467226.219	8626568.138
7	4467228.093	8626565.996
8	4467231.203	8626563.367
9	4467234.611	8626561.280
10	4467244.196	8626555.653
11	4467242.530	8626553.793
12	4467242.369	8626553.617
13	4467250.769	8626549.668
14	4467249.105	8626547.827
15	4467248.946	8626547.649
16	4467256.345	8626540.932
17	4467256.505	8626541.107
18	4467258.187	8626542.962
19	4467260.417	8626537.306
20	4467260.536	8626537.517
21	4467262.735	8626535.395
22	4467262.889	8626535.588
23	4467264.448	8626537.541
24	4467269.293	8626533.923
25	4467267.860	8626531.870
26	4467267.718	8626531.667
27	4467273.939	8626530.680
28	4467272.497	8626528.632
29	4467272.367	8626528.423
30	4467280.107	8626526.373
31	4467278.686	8626524.310
32	4467278.558	8626524.109
33	4467284.558	8626522.876
34	4467282.893	8626520.987
35	4467282.726	8626520.816
36	4467288.568	8626518.917
37	4467286.699	8626517.255
38	4467286.549	8626517.065
39	4467289.839	8626513.783
40	4467289.680	8626513.603
41	4467285.782	8626516.373
42	4467285.290	8626512.918
43	4467285.183	8626512.704
44	4467293.451	8626508.741
45	4467293.327	8626508.536
46	4467297.633	8626508.891

47	4467303.936	8626504.505
48	4467302.495	8626502.462
49	4467302.371	8626502.259
50	4467311.889	8626498.977
51	4467310.671	8626496.778
52	4467310.593	8626496.544
53	4467319.194	8626494.664
54	4467317.439	8626492.074
55	4467317.308	8626491.872
56	4467319.657	8626487.625
57	4467319.845	8626487.725
58	4467327.191	8626487.414
59	4467327.342	8626487.675
60	4467329.261	8626488.455
61	4467336.569	8626481.236
62	4467336.728	8626481.492
63	4467337.708	8626483.119
64	4467321.890	8626491.035
65	4467342.272	8626480.230
66	4467351.891	8626473.095
67	4467347.922	8626479.163
68	4467347.796	8626479.019
69	4467358.682	8626471.170
70	4467358.588	8626471.003
71	4467357.219	8626469.141
72	4467378.631	8626461.268
73	4467378.935	8626461.335
74	4467372.651	8626448.396
75	4467372.432	8626448.503
76	4467372.202	8626448.614
77	4467378.266	8626461.102
78	4467358.403	8626470.750
79	4467347.609	8626478.767
80	4467312.952	8626500.674
81	4467313.198	8626501.111
82	4467299.309	8626510.766
83	4467298.974	8626510.390
84	4467287.442	8626522.957
85	4467287.818	8626523.293
86	4467281.447	8626527.877
87	4467281.772	8626528.259
88	4467270.423	8626535.574
89	4467270.734	8626535.987
90	4467252.083	8626551.201
91	4467252.441	8626551.551
92	4467243.952	8626558.579
93	4467243.887	8626559.313
94	4467247.723	8626560.857
95	4467270.476	8626551.738
96	4467277.304	8626549.577
97	4467284.063	8626548.520
98	4467237.764	8626563.463
99	4467302.511	8626547.252
100	4467313.642	8626546.489
101	4467329.850	8626540.966
102	4467347.387	8626534.482

103	4467359.427	8626530.029
104	4467378.797	8626523.404
105	4467382.976	8626521.975
106	4467385.649	8626521.238
107	4467388.918	8626521.185
108	4467391.584	8626521.856
109	4467394.046	8626523.161
111	4467397.039	8626526.219
112	4467398.276	8626528.666
113	4467398.929	8626531.514

КАМАРА НА ИНЖЕНЕРИТЕ В ИНВЕСТИЦИОННОТО ПРОЕКТИРАНЕ	
Регистрационен № 09522	
	и.ж. ЮЛИАН ДИМИТРОВ ТОСКОВ
ГПД	подпис /
ПЪЛНА ПРОЕКТАНСКА ПРАВОСПОСОБНОСТ	



УДОСТОВЕРЕНИЕ

ЗА ПЪЛНА ПРОЕКТАНТСКА ПРАВОСПОСОБНОСТ

Регистрационен номер № 09522

Важи за 2015 година

инж. ЮЛИАН ДИМИТРОВ ТОШКОВ

ОБРАЗОВАТЕЛНО-КВАЛИФИКАЦИОННА СТЕПЕН
МАГИСТЪР

ПРОФЕСИОНАЛНА КВАЛИФИКАЦИЯ

ИНЖЕНЕР ПО ГЕОДЕЗИЯ, ФОТОГРАМЕТРИЯ И КАРТОГРАФИЯ

включен в регистъра на КИИП за лицата с пълна проектантска правоспособност
с протоколно решение на УС на КИИП 16/22.04.2005 г. по части:

ГЕОДЕЗИЯ, ПРИЛОЖНА ГЕОДЕЗИЯ, ВЕРТИКАЛНО ПЛАНИРАНЕ, ТРАСИРОВЪЧНИ
ПРОЕКТИ И ПЛАНОВЕ, ПЛАНОВЕ ЗА РЕГУЛАЦИЯ

Председател на РК

[Signature]

инж. Т. Кордов



Председател на КР

инж. И. Каралеев

Председател на УС на КИИП

[Signature]

инж. Ст. Кинарев

ЗАСТРАХОВАТЕЛНА ПОЛИЦА

№ 14133P20001

Застрахователна компания "УНИКА" АД – Агенция Ловеч, срещу заплащане на застрахователна премия, посочена в приложената сметка, съставляваща неразделна част от полицата, се съгласява да застрахова срещу загуба, щета, отговорност или разноски по начин, посочен в таблицата.

ТАБЛИЦА

Вид застраховка:	Професионална отговорност на лицата по чл. 171 от Закона за устройство на територията (ЗУТ)
Застрахован:	ЮЛИАН Димитров Тошков -6210306906 ул. "Охрид" № 15, ет. 6, ап. 34 гр. София
Срок на действие на застраховката:	от 20 февруари 2015 год. до 19 февруари 2016 год.
Застрахован интерес:	професионалната отговорност на застрахования по чл. 171 от ЗУТ като проектант за изработване на инвестиционни проекти на строежи ВТОРА категория.
	Ретроактивна дата по чл. 172, ал. 1, т. 2 от ЗУТ – 1986 година – датата на започване на горепосочената дейност на застрахования. Ако застрахованият е упражнявал тази дейност повече от пет години, ретроактивната дата е пет години преди датата на сключване на тази полица.
Застрахователна сума:	Отговорността на застрахователя по писмени претенции за вреди от горепосочената дейност на застрахования е ограничена до Лева 25 000 (двадесет и пет хиляди) за едно застрахователно събитие и до Лева 50 000 (петдесет хиляди) в агрегат (с натрупване) за всички събития, настъпили в срока на застраховката.
	Годишна застрахована сума: Лева 50 000 (петдесет хиляди).
Условия:	Съгласно Наредбата за условията и реда за задължително застраховане в проектирането и строителството.
Самоучастие:	Застрахованият ще носи за своя сметка 10%, но не по-малко от ЛЕВА 1 000 (хиляда) от всяко обезщетение по всяко едно събитие.

Тази полица е издадена въз основа на писмено предложение на застрахования, съставляващо неразделна част на застрахователния договор.

Дата на предложението: 18.02.2015 год.

Полицата е издадена в 1 (един) оригинален екземпляр

Сключена в гр. Ловеч на 18.02.2015 год.

Издадена от: Катя Карагьозова

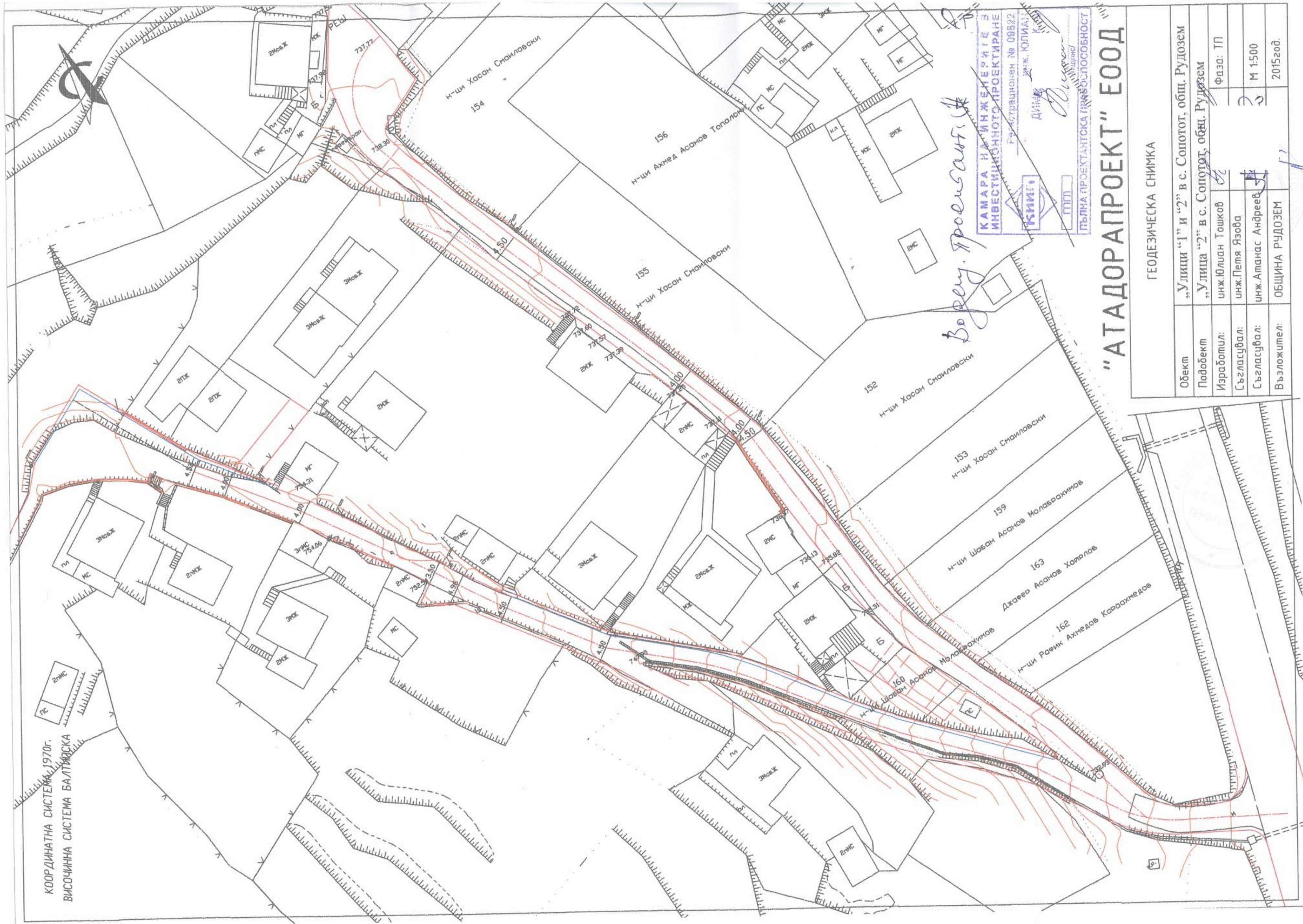
**ЗАСТРАХОВАН/ПРЕДСТАВИТЕЛ
НА ЗАСТРАХОВАНИЯ:**

Име: _____

Подпис: _____

ЗК "ЛУНИКА" АД
Ловеч

ВІСОЧИННА СИСТЕМА БАЛТИЙСЬКА



Борис. Покусав. (А)

КАМАРА НА ИНЖЕНЕРИТЕ И
ИНВЕСТИЦИОННОТО ПРОЕКТИРАНЕ

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2014年12月

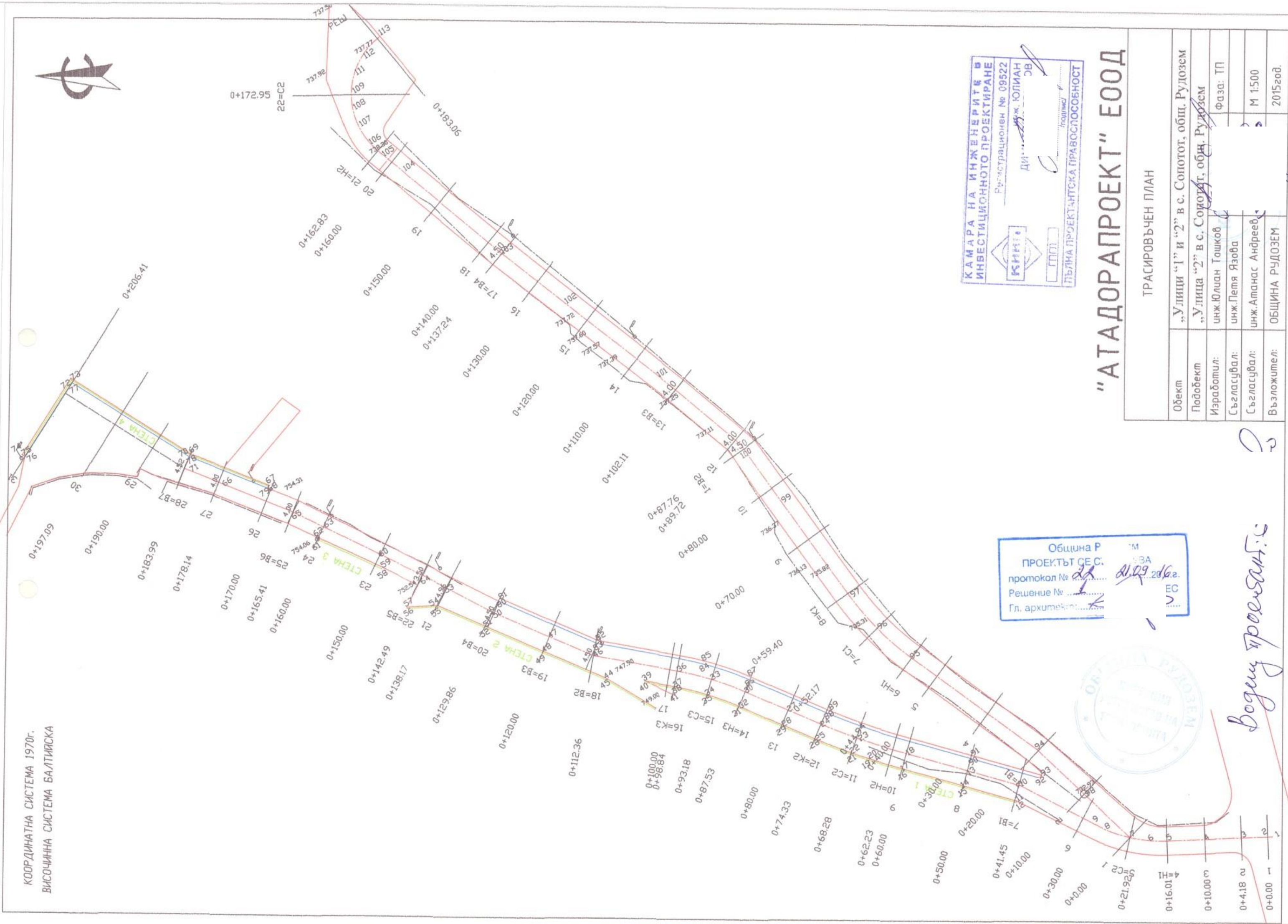
ПЪЛНА ПРОЕКТАНТСКА ГРЕВОСПОСОБНОСТ

"АТАДОРПРОЕКТ" ЕООД

ГЕОДЕЗИЧЕСКА СНИМКА

Обект	„Улици „1” и „2” в с. Сопотот, общ. Рудозем		
Подобект	„Улица „2” в с. Сопотот, общ. Рудозем		
Изработил:	инж.Юлиан Ташков		Фаза: ТП
Съгласувал:	инж.Петя Язова		
Съгласувал:	инж.Атанас Андреев		М 1:500
Възложител:	ОБЩИНА РУДОЗЕМ		2015год.

КООРДИНАТНА СИСТЕМА 1970г.
ВИСОЧИННА СИСТЕМА БАЛТИЙСКА



КАМАРА НА ИНЖЕНЕРИТЕ В
ИНВЕСТИЦИОННОТО ПРОЕКТИРАНЕ

Регистрационен № 09522

ДИМ. Ж. ЮЛИАН

ПЪЛНА ПРОЕКТАНТСКА ПРАВОСПОСОБНОСТ

"АТАДОРАПРОЕКТ" ЕООД

ТРАСИРОВЪЧЕН ПЛАН

Обект	„Улицы “1” и “2” в с. Сопотот, общ. Рудозем
Подобект	„Улица “2” в с. Сопотот, общ. Рудозем
Изработил:	инж.Юлиан Тошков
Съгласувал:	инж.Петя Язова
Съгласувал:	инж.Атанас Андреев
Възложител:	ОБЩИНА РУДОЗЕМ

Община Р

ПРОЕКТЪТ СЕ С.

протокол № 28

Решение № 28

Гл. архитект

21.09.2016г.

ЕС



Водещ проектант: