



**Vodohospodářské**  
PROJEKTY S.R.O.

VODOHOSPODÁŘSKÉ PROJEKTY s.r.o.

Nám.T.G.Masaryka č.p.130, Česká Lípa 470 01  
IČ 227 93 186

vedoucí projektu:	projektoval:		
Ing. J. Tavodová	Ing. R.Ranincová		
kraj: Liberecký			
investor: Město Zákupy, Borská 5, 471 23 Zákupy			
název akce:			
Zákupy dostavba infrastruktury na ppč.1609/1 II. etapa		datum:	listopad 2017
		měřítko:	-
		formát:	9x A4
název výkresu:		stupeň PD:	DUR, DSP
VYTYČOVACÍ PRVKY STAVBY		číslo přílohy:	číslo paré:
		D.1.6.2.	

**Seznam vytyčovacích souřadnic  
SO 01.1 - VODOVOD**

Vrch. bod	Staničení	Y	X
ZÚ	0,000	-978930,4556	-717617,9999
	0,300	-978930,4688	-717617,7002
	0,764	-978930,4894	-717617,2363
	0,956	-978930,4978	-717617,0449
	2,076	-978930,5470	-717615,9260
	2,248	-978930,5550	-717615,7544
	2,662	-978930,5733	-717615,3409
	2,662	-978930,5733	-717615,3409
	2,809	-978930,5798	-717615,1934
	3,424	-978930,6070	-717614,5788
	3,963	-978930,6308	-717614,0411
	7,459	-978930,7855	-717610,5483
	9,009	-978930,8581	-717608,9996
	9,991	-978930,8975	-717608,0185
	10,926	-978930,9388	-717607,0851
	11,486	-978930,9636	-717606,5252
	17,327	-978931,2220	-717600,6900
	22,149	-978931,4353	-717595,8723
	24,560	-978931,5419	-717593,4640
	27,372	-978931,6663	-717590,6545
	28,339	-978931,7091	-717589,6886
	29,329	-978931,7528	-717588,6998
	35,778	-978932,0381	-717582,2570
	36,780	-978932,0726	-717581,2557
	40,043	-978932,1854	-717577,9947
	40,765	-978932,2104	-717577,2728
	42,043	-978932,2546	-717575,9959
	44,213	-978932,3296	-717573,8273
	44,864	-978932,3521	-717573,1763
	53,246	-978932,6419	-717564,7991
	59,142	-978932,8457	-717558,9073
	60,224	-978932,8831	-717557,8256
	61,224	-978932,9169	-717556,8262
	61,690	-978932,9327	-717556,3607
	70,250	-978933,2222	-717547,8053
	70,559	-978933,2327	-717547,4965
	72,048	-978933,2831	-717546,0082
	72,696	-978933,3060	-717545,3602
	75,035	-978933,3886	-717543,0229
	82,447	-978933,6504	-717535,6157
LB01	83,767	-978933,6970	-717534,2962
	85,463	-978934,0804	-717532,6441
	86,323	-978934,2748	-717531,8064
	87,455	-978934,5306	-717530,7041
	91,549	-978935,4560	-717526,7165
	92,682	-978935,7123	-717525,6122
	93,711	-978935,9448	-717524,6104
	96,315	-978936,5335	-717522,0739
	105,801	-978938,6782	-717512,8326
	106,221	-978938,7730	-717512,4240
	107,038	-978938,9577	-717511,6280
	111,961	-978940,0708	-717506,8323
	112,961	-978940,2968	-717505,8582
	114,654	-978940,6795	-717504,2093
	115,652	-978940,9052	-717503,2370

**Seznam vytyčovacích souřadnic  
SO 01.1 - VODOVOD**

Vrch. bod	Staničení	Y	X
	117,990	-978941,4338	-717500,9593
LB02	129,071	-978943,9388	-717490,1655
	130,973	-978944,8640	-717488,5033
	132,503	-978945,6079	-717487,1669
	135,178	-978946,9092	-717484,8292
	135,733	-978947,1792	-717484,3443
	138,363	-978948,4581	-717482,0468
	140,211	-978949,3568	-717480,4323
	140,785	-978949,6362	-717479,9303
	142,077	-978950,2646	-717478,8014
LB03	144,163	-978951,2794	-717476,9784
	144,987	-978951,7947	-717476,3360
	152,681	-978956,6087	-717470,3343
	157,529	-978959,6421	-717466,5525
	164,355	-978963,9128	-717461,2280
	165,785	-978964,8080	-717460,1119
	166,543	-978965,2821	-717459,5209
	167,992	-978966,2172	-717458,4143
	168,564	-978966,5867	-717457,9771
	171,910	-978968,7461	-717455,4220
	175,646	-978971,1577	-717452,5685
	181,344	-978974,8358	-717448,2165
	185,343	-978977,4172	-717445,1621
	188,660	-978979,5583	-717442,6286
	192,069	-978981,7587	-717440,0250
	194,638	-978983,4172	-717438,0626
	195,885	-978984,2219	-717437,1104
	199,852	-978986,7829	-717434,0801
	207,091	-978991,4556	-717428,5511
	208,544	-978992,3930	-717427,4420
	211,231	-978994,1275	-717425,3896
	213,203	-978995,4005	-717423,8833
LB04	215,291	-978996,7481	-717422,2888
	218,146	-978997,8009	-717419,6345
	224,023	-978999,9679	-717414,1712
	227,127	-979001,1123	-717411,2862
	228,417	-979001,5880	-717410,0869
	229,297	-979001,9122	-717409,2695
	234,935	-979003,9911	-717404,0286
	240,363	-979005,9924	-717398,9831
	246,685	-979008,3235	-717393,1064
	248,307	-979008,9216	-717391,5985
	251,591	-979010,1324	-717388,5459
	255,047	-979011,4066	-717385,3336
	256,465	-979011,9294	-717384,0156
	256,473	-979011,9323	-717384,0082
	258,905	-979012,8291	-717381,7474
	258,905	-979012,8291	-717381,7474
	262,514	-979014,1598	-717378,3927
	268,762	-979016,4637	-717372,5844
LB05	269,883	-979016,8767	-717371,5431
	270,330	-979017,2926	-717371,7081
	271,918	-979018,7682	-717372,2934
	272,904	-979019,6853	-717372,6571
	274,096	-979020,7934	-717373,0967

**Seznam vytyčovacích souřadnic**  
**SO 01.1 - VODOVOD**

Vrch. bod	Staničení	Y	X
	275,023	-979021,6546	-717373,4383
	281,654	-979027,8189	-717375,8834
KÚ	282,893	-979028,9700	-717376,3400

**Seznam vytyčovacích souřadnic  
SO 02.1 - KANALIZACE**

Vrch. bod	Staničení	Y	X
ČSOV	0,000	-978913,4172	-717621,4857
	0,005	-978913,4224	-717621,4861
Š01	1,124	-978914,5370	-717621,5807
	1,714	-978915,0402	-717621,2727
	2,507	-978915,7171	-717620,8585
	2,507	-978915,7171	-717620,8585
	3,628	-978916,6733	-717620,2732
	3,789	-978916,8099	-717620,1896
Š02	7,362	-978919,8575	-717618,3244
	10,473	-978922,9660	-717618,4620
	11,629	-978924,1208	-717618,5132
Š03	17,085	-978929,5713	-717618,7545
	17,898	-978929,6073	-717617,9421
	18,669	-978929,6414	-717617,1722
	19,037	-978929,6577	-717616,8047
	19,991	-978929,6999	-717615,8515
	20,165	-978929,7075	-717615,6779
	20,506	-978929,7230	-717615,3366
	20,506	-978929,7230	-717615,3370
	20,674	-978929,7227	-717615,1693
	21,297	-978929,7576	-717614,5471
	25,352	-978929,9370	-717610,4958
DP ppč.1609/16	26,367	-978929,9819	-717609,4815
DP ppč.1609/26	27,869	-978930,0483	-717607,9809
	28,944	-978930,0955	-717606,9069
	29,715	-978930,1293	-717606,1371
	40,058	-978930,5830	-717595,8045
	46,063	-978930,8464	-717589,8052
	47,323	-978930,9017	-717588,5465
Š04	54,650	-978931,2231	-717581,2263
	57,913	-978931,3360	-717577,9650
	58,578	-978931,3590	-717577,3007
	59,913	-978931,4051	-717575,9665
	60,975	-978931,4418	-717574,9054
	62,083	-978931,4801	-717573,7979
DP ppč.1609/17	63,071	-978931,5142	-717572,8101
	71,065	-978931,7905	-717564,8213
	76,092	-978931,9643	-717559,7971
DP ppč.1609/28	79,094	-978932,0681	-717556,7968
	79,570	-978932,0846	-717556,3208
	87,240	-978932,3498	-717548,6552
	88,429	-978932,3909	-717547,4674
	89,918	-978932,4423	-717545,9791
	90,573	-978932,4650	-717545,3241
DP ppč.1609/18	91,002	-978932,4798	-717544,8957
	93,761	-978932,5752	-717542,1384
	100,356	-978932,8032	-717535,5474
Š05	101,720	-978932,8503	-717534,1844
	104,262	-978933,4251	-717531,7077
DP ppč.1609/29	105,490	-978933,7026	-717530,5119
	109,583	-978934,6280	-717526,5244
	110,717	-978934,8843	-717525,4200
	111,576	-978935,0785	-717524,5832
DP ppč.1609/19	111,717	-978935,1104	-717524,4459
	114,970	-978935,8458	-717521,2771

**Seznam vytyčovacích souřadnic  
SO 02.1 - KANALIZACE**

Vrch. bod	Staničení	Y	X
	123,236	-978937,7144	-717513,2256
	123,655	-978937,8092	-717512,8171
	125,986	-978938,3362	-717510,5464
DP ppč.1609/30	129,996	-978939,2428	-717506,6401
	132,689	-978939,8515	-717504,0171
	133,687	-978940,0772	-717503,0448
DP ppč.1609/20	134,882	-978940,3473	-717501,8810
	135,871	-978940,5709	-717500,9175
Š06	147,226	-978943,1379	-717489,8567
	149,693	-978944,3380	-717487,7008
	150,302	-978944,6341	-717487,1688
	153,088	-978945,9893	-717484,7342
	154,008	-978946,4365	-717483,9309
DP ppč.1609/21	155,637	-978947,2290	-717482,5072
	156,637	-978947,7154	-717481,6334
	158,849	-978948,7912	-717479,7007
DP ppč.1609/31	160,351	-978949,5219	-717478,3880
Š07	162,509	-978950,5710	-717476,5030
	162,730	-978950,7098	-717476,3310
	171,999	-978956,5317	-717469,1182
	176,138	-978959,1316	-717465,8972
	182,003	-978962,8154	-717461,3334
	184,020	-978964,0819	-717459,7642
	184,981	-978964,6854	-717459,0166
	186,430	-978965,5956	-717457,8890
	187,998	-978966,5808	-717456,6685
Š08	188,030	-978966,6005	-717456,6441
	190,172	-978967,9834	-717455,0077
	192,599	-978969,5498	-717453,1543
	199,602	-978974,0700	-717447,8058
	204,516	-978977,2425	-717444,0519
	207,068	-978978,8897	-717442,1029
	209,691	-978980,5824	-717440,1000
	213,077	-978982,7680	-717437,5139
	214,323	-978983,5727	-717436,5617
DP ppč.1609/23	215,500	-978984,3323	-717435,6629
	218,489	-978986,2617	-717433,3800
	226,672	-978991,5437	-717427,1301
	227,296	-978991,9463	-717426,6537
	228,450	-978992,6914	-717425,7720
Š09	233,590	-978996,0092	-717421,8463
	236,857	-978997,2137	-717418,8097
	241,060	-978998,7632	-717414,9032
	245,288	-979000,3222	-717410,9728
	246,578	-979000,7979	-717409,7735
	247,598	-979001,1739	-717408,8255
DP ppč.1609/24	247,796	-979001,2469	-717408,6415
	251,971	-979002,7865	-717404,7600
	258,664	-979005,2543	-717398,5387
	263,297	-979006,9625	-717394,2323
	266,463	-979008,1300	-717391,2890
	269,783	-979009,3539	-717388,2033
	273,208	-979010,6165	-717385,0202
	273,648	-979010,7791	-717384,6103
	274,633	-979011,1422	-717383,6948

**Seznam vytyčovacích souřadnic  
SO 02.1 - KANALIZACE**

Vrch. bod	Staničení	Y	X
Š10	275,869	-979011,5977	-717382,5465

**Seznam vytyčovacích souřadnic  
SO 03 - STL PLYNOVOD**

Vrch. bod	Staničení	Y	X
ZÚ	0,000	-979038,5800	-717381,2800
	2,185	-979036,5763	-717380,4091
	2,836	-979035,9789	-717380,1494
	5,681	-979033,3697	-717379,0153
	6,717	-979032,4202	-717378,6026
	8,594	-979030,6984	-717377,8542
	9,511	-979029,8572	-717377,4885
	12,885	-979026,7241	-717376,2349
	13,746	-979025,9254	-717375,9153
	18,398	-979021,6063	-717374,1872
	19,654	-979020,4396	-717373,7204
	20,348	-979019,7952	-717373,4626
	21,738	-979018,5046	-717372,9462
LB01	23,069	-979017,2693	-717372,4519
	29,083	-979015,0520	-717378,0419
	33,326	-979013,4876	-717381,9858
	33,326	-979013,4876	-717381,9858
	34,982	-979012,8768	-717383,5257
	37,205	-979012,0573	-717385,5917
	40,687	-979010,7734	-717388,8281
	43,941	-979009,5733	-717391,8531
	44,293	-979009,4437	-717392,1797
	52,005	-979006,5997	-717399,3486
	56,393	-979004,9816	-717403,4271
	63,071	-979002,5191	-717409,6344
	65,125	-979001,7616	-717411,5438
	67,304	-979000,9584	-717413,5695
	74,559	-978998,2844	-717420,3135
LB02	77,076	-978997,3566	-717422,6533
	79,278	-978995,9352	-717424,3352
	80,246	-978995,3103	-717425,0746
	84,196	-978992,7608	-717428,0913
	86,330	-978991,3830	-717429,7215
	92,792	-978987,2121	-717434,6567
	97,843	-978983,9518	-717438,5144
	99,740	-978982,7273	-717439,9633
	103,796	-978980,1090	-717443,0614
	107,743	-978977,5610	-717446,0763
	110,988	-978975,4664	-717448,5547
	115,612	-978972,4820	-717452,0860
	120,427	-978969,3743	-717455,7632
	124,738	-978966,5915	-717459,0560
	125,938	-978965,8167	-717459,9727
	126,514	-978965,4561	-717460,4223
	127,427	-978964,8847	-717461,1347
	135,100	-978960,0841	-717467,1199
	140,550	-978956,6743	-717471,3710
	146,920	-978952,6886	-717476,3401
LB03	148,240	-978951,8626	-717477,3700
	150,268	-978950,8763	-717479,1419
	151,560	-978950,2479	-717480,2707
	152,434	-978949,8225	-717481,0348
	153,185	-978949,4574	-717481,6907
	156,612	-978947,7910	-717484,6850
	156,867	-978947,6668	-717484,9075



**Seznam vytyčovacích souřadnic  
SO 03 - STL PLYNOVOD**

Vrch. bod	Staničení	Y	X
	159,451	-978946,4099	-717487,1654
	161,739	-978945,2973	-717489,1643
LB04	163,176	-978944,5984	-717490,4198
	174,031	-978942,1444	-717500,9938
	177,494	-978941,3614	-717504,3675
	179,187	-978940,9787	-717506,0164
	180,187	-978940,7527	-717506,9905
	181,664	-978940,4187	-717508,4293
	185,086	-978939,6450	-717511,7631
	185,861	-978939,4696	-717512,5187
	196,344	-978937,0998	-717522,7301
	198,297	-978936,6582	-717524,6328
	200,599	-978936,1379	-717526,8748
	204,692	-978935,2125	-717530,8623
	205,824	-978934,9567	-717531,9647
	207,219	-978934,6412	-717533,3239
	207,313	-978934,6200	-717533,4151
LB05	208,312	-978934,3942	-717534,3883
	209,597	-978934,3498	-717535,6720
	217,693	-978934,0699	-717543,7637
	219,321	-978934,0136	-717545,3906
	221,024	-978933,9547	-717547,0918
	221,453	-978933,9399	-717547,5210
	230,331	-978933,6330	-717556,3936
	230,788	-978933,6172	-717556,8504
	231,788	-978933,5827	-717557,8498
	232,113	-978933,5715	-717558,1746
	233,075	-978933,5382	-717559,1358
	238,723	-978933,3429	-717564,7808
	245,699	-978933,1017	-717571,7525
	249,969	-978932,9541	-717576,0201
	251,199	-978932,9116	-717577,2498
	251,969	-978932,8850	-717578,0189
	255,232	-978932,7722	-717581,2799
	256,234	-978932,7377	-717582,2812
	260,646	-978932,5425	-717586,6890
	261,665	-978932,4974	-717587,7073
	262,646	-978932,4541	-717588,6869
	263,609	-978932,4115	-717589,6486
KÚ	264,647	-978932,3656	-717590,6855

**Seznam vytyčovacích souřadnic  
SO 04 - UŽITKOVÝ VODOVOD**

Vrch. bod	Staničení	Y	X
ZÚ	0,000	-978979,4100	-717512,4000
	0,087	-978979,4320	-717512,3162
	0,300	-978979,4862	-717512,1098
	3,854	-978980,3892	-717508,6726
	11,766	-978982,3997	-717501,0201
	18,326	-978984,0666	-717494,6755
	22,295	-978985,0751	-717490,8369
	23,117	-978985,2840	-717490,0418
	24,374	-978985,6035	-717488,8257
	25,159	-978985,8030	-717488,0664
	34,298	-978988,1253	-717479,2271
	36,129	-978988,5905	-717477,4562
	37,756	-978989,0040	-717475,8825
	39,706	-978989,4995	-717473,9964
	40,607	-978989,7284	-717473,1252
	41,427	-978989,9369	-717472,3316
KÚ	43,683	-978990,5100	-717470,1500