

## ADDENDUM NO. 1: Amendments and modifications to documentation regarding public procurement small HPP Kneža - LOT TG – execution of power unit in two parts

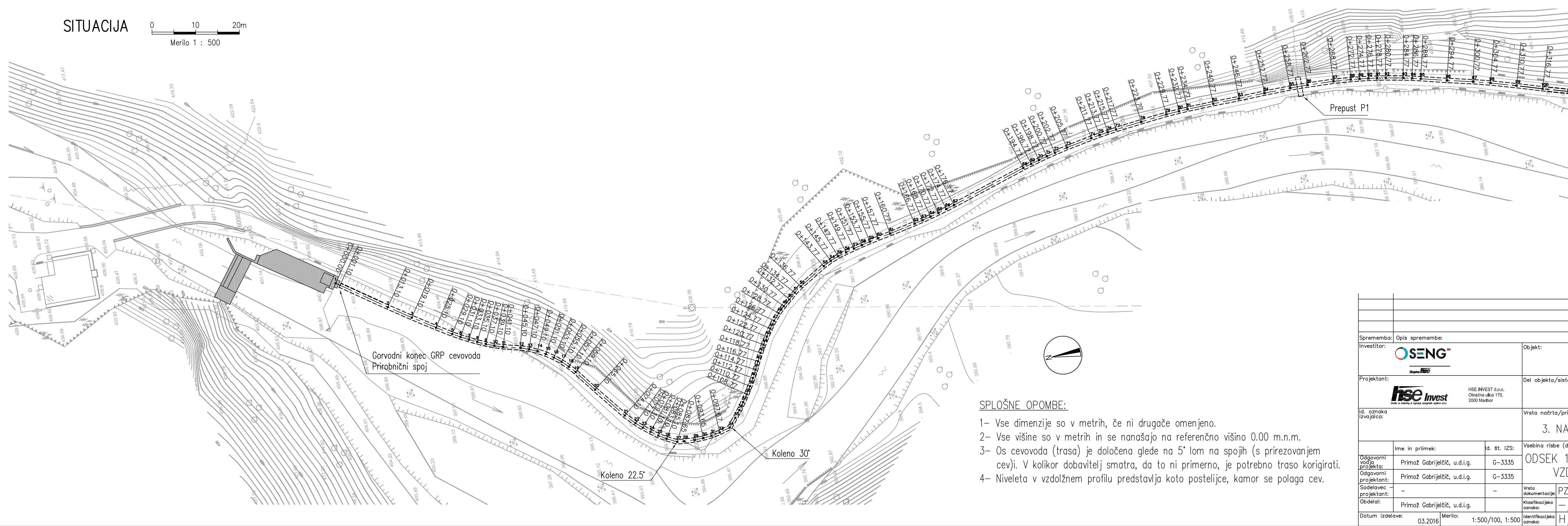
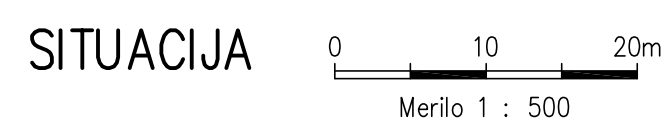
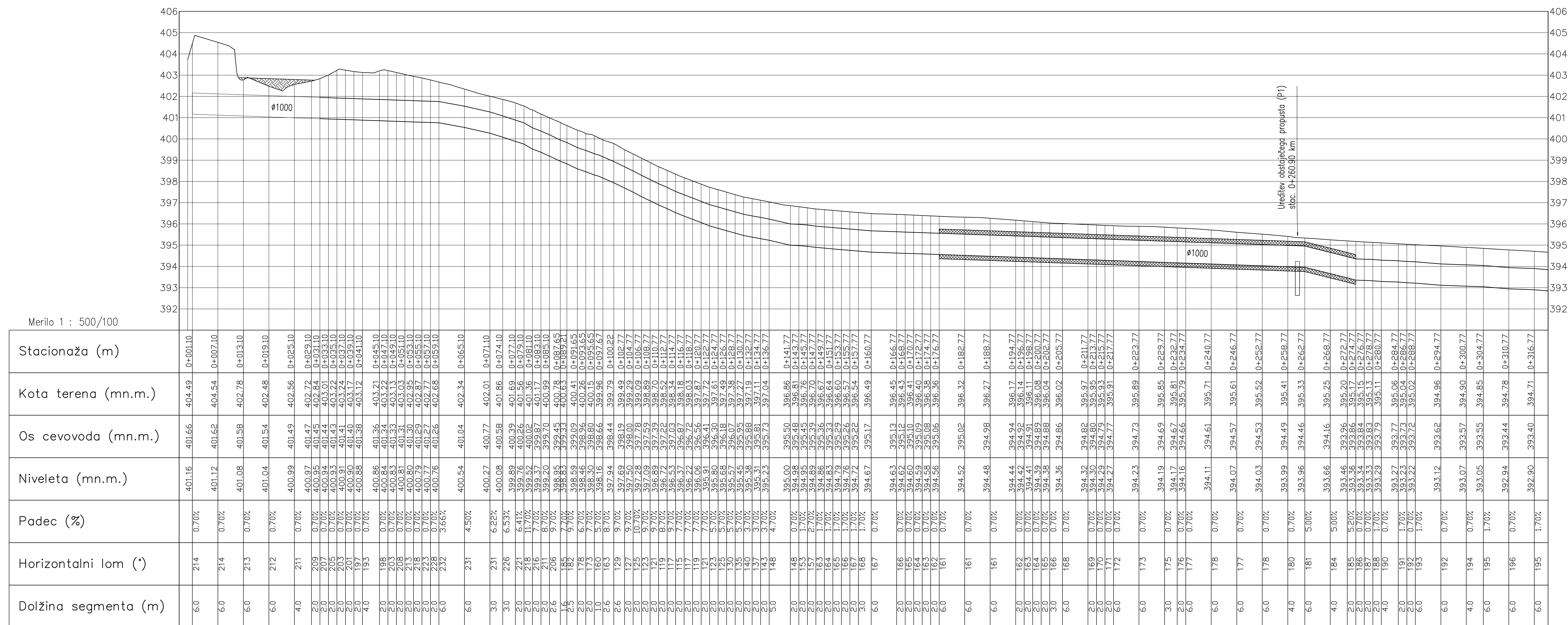
The original text in the DRPP for small HPP Kneža - LOT TG is replaced / supplemented by a new text as follows:

No.	Book/Part	Item	Page	Previous text	New text
1.	General part	5.2	6/40	Tenderers shall submit references proving their work on at least one small HPP of a similar type with a Francis turbine and power capacity of at least 500 kW within the last five (5) years.	Tenderers shall submit references proving their work on at least one small HPP of a similar type with a Francis turbine and power capacity of at least 250 kW within the last ten (10) years.
2.	General part	5.2	6/40	Tenderers shall submit references proving their work on at least one small HPP with power capacity of at least 250kW within the last five (5) years.	Tenderers shall submit references proving their work on at least one small HPP with power capacity of at least 250 kW within the last ten (10) years.
3.	Technical part Enclosure 2, Drawings	1	1	1. General part <ul style="list-style-type: none"> <li>• HIK3---6G2000 SHPP Kneža - total area lay out</li> <li>• HIK3---6G3001 Intake</li> <li>• HIK3---6G4001 Powerhouse - site organization</li> </ul>	1. General part <ul style="list-style-type: none"> <li>• HIK3---6G2000 SHPP Kneža - total area lay out</li> <li>• HIK3---6G3001 Intake</li> <li>• HIK3---6G4001 Powerhouse - site organization</li> <li>• HIK3---6GC101 Penstock Layout and Longitudinal Profile</li> <li>• HIK3---6GC102 Penstock Layout and Longitudinal Profile</li> <li>• HIK3---6GC103 Penstock Layout and Longitudinal Profile</li> <li>• HIK3---6GC104 Penstock Layout and Longitudinal Profile</li> <li>• HIK3---6GC105 Penstock Layout and Longitudinal Profile</li> <li>• HIK3---6GC106 Penstock Layout and Longitudinal Profile</li> <li>• HIK3---6GC107 Penstock Layout and Longitudinal Profile</li> <li>• HIK3---6GC108 Penstock Layout and Longitudinal Profile</li> </ul>

No.	Book/Part	Item	Page	Previous text	New text
4.	Technical part	3.4.1.1	44/85	3.4.1.1 Basic technical data of the three-phase synchronous generator	3.4.1.1 Basic technical data of the three-phase synchronous generator
				a) Number of generators:	a) Number of generators:
				1	1
				b) Type:	b) Type:
				synchronous self-excitation	synchronous self-excitation
				c) Nominal power:	c) Nominal power:
				1000 kVA at cooling air 40°C	1000 kVA at cooling air 40°C
				d) Service voltage:	d) Service voltage:
				3x231/400V±10%	3x231/400V±10%
				e) Frequency:	e) Frequency:
				50 Hz	50 Hz
				f) Cos φ:	f) Cos φ:
				0.8	0.8
				g) Rated rotational speed:	g) Rated rotational speed:
				1000 min <sup>-1</sup>	1000 min <sup>-1</sup>
				h) Runaway speed:	h) Runaway speed:
				2100 min <sup>-1</sup>	2100 min <sup>-1</sup>
				i) Insulation class:	i) Insulation class:
				F	F
				j) <b>Cooling method:</b>	j) <b>Cooling method:</b>
				IC01	IC21
				k) Mechanical protection of the generator:	k) Mechanical protection of the generator:
				IP23	IP23
				l) Mechanical protection of the terminal box:	l) Mechanical protection of the terminal box:
				IP54	IP54
				m) Duty type in all conditions:	m) Duty type in all conditions:
				parallel with grid	parallel with grid
				n) Efficiency	n) Efficiency
				>96% at full power	>96% at full power
				o) Bearings	o) Bearings
				sliding	sliding
5.	Technical part	3.4.1.1	44/85	Thermal losses from the generator shall be discharged to the powerhouse and, if required, from the powerhouse outside via two multilevel fans.	Thermal losses from the generator shall be discharge out of the powerhouse by ventilation channel. Ventilation channel shall be equipped with flap to redirect thermal losses in powerhouse in wintertime. Residual heat loss of equipment will be discharge from the powerhouse by means of two multilevel fans.



CEVOVOD—ODSEK 1  
VZDOLŽNI PROFIL



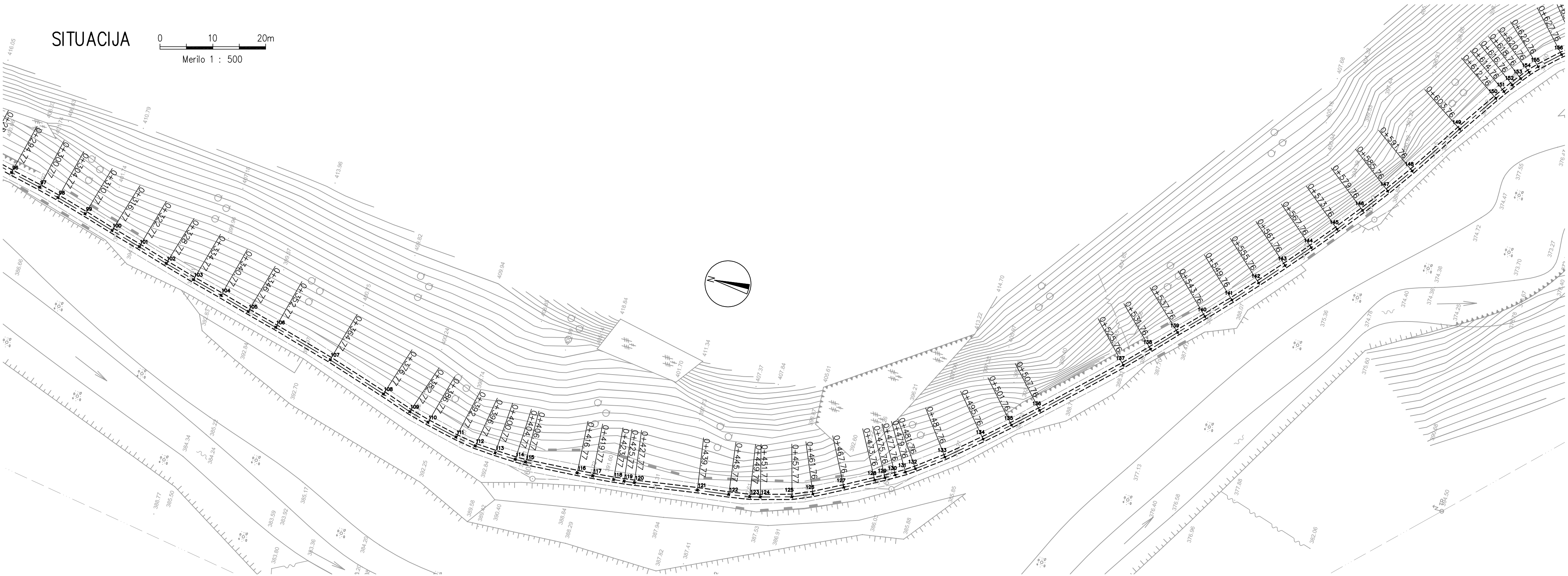
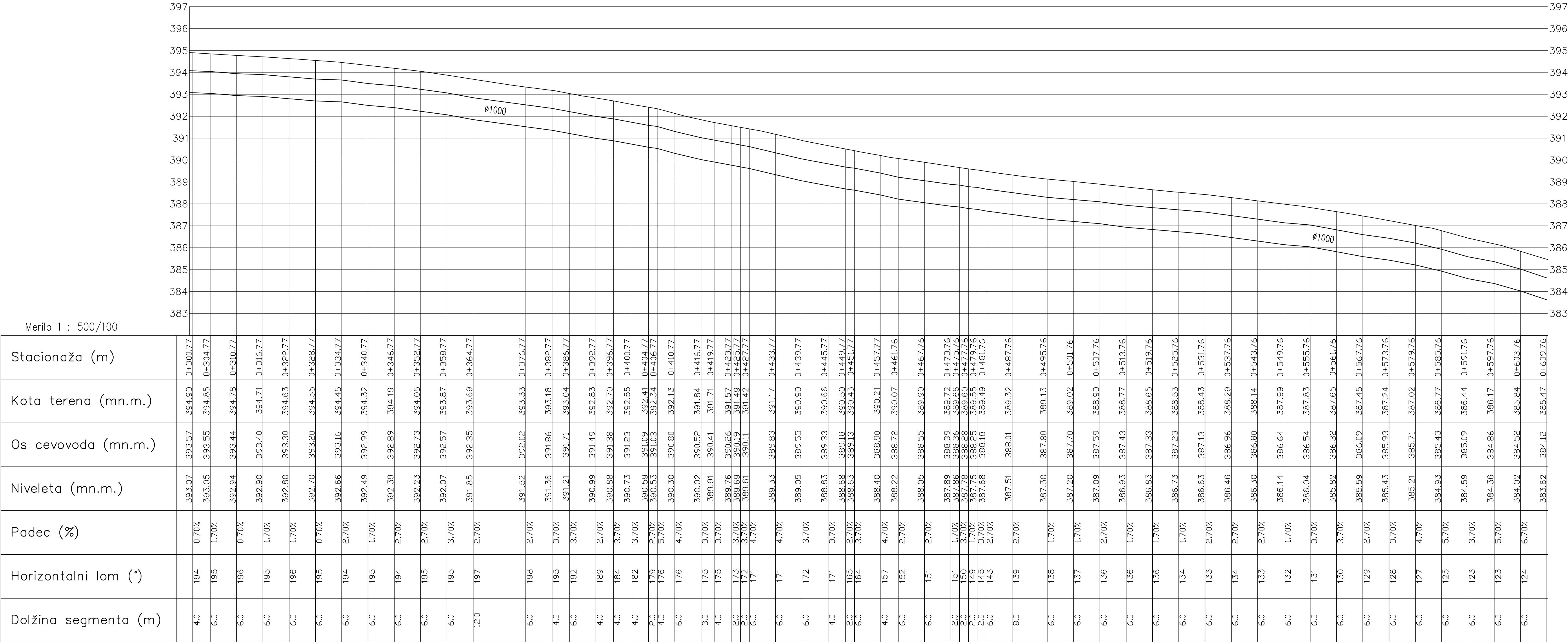
SPLOŠNE OPOMBE:

- 1- Vse dimenzije so v metrih, če ni drugače omenjeno.
- 2- Vse višine so v metrih in se nanašajo na referenčno višino 0.00 m.n.m.
- 3- Os cevovoda (trasa) je določena glede na 5' lom na spojih (s prirezovanjem cevi).
- 4- Niveleta v vzdolžnem profilu predstavlja koto postelje, kamor se polaga cev.

[illegible]



CEVOVOD – ODSEK 2  
VZDOLŽNI PROFIL



- SPLOŠNE OPOMBE:
- 1– Vse dimenzije so v metrih, če ni drugače omenjeno.
  - 2– Vse višine so v metrih in se nanašajo na referenčno višino 0.00 m.n.m.
  - 3– Os cevovoda (trasa) je določena glede na 5° lom na spojih (s prizrezovanjem cevi). V kolikor dobavitelj smatra, da to ni primerno, je potrebno traso korigirati.
  - 4– Niveleta v vzdolžnem profilu predstavljajo koto posteljičje, kamor se polaga cev.

Sprememba:		Opis spremembe:		Datum:		Podpis:	
Investitor:				Objekt:		mHE KNEŽA	
Projektant:				Del objekta/sistem:		CEVOVOD	
id. oznaka izv. jela:		HSE INVEST d.o.o. Obretna ulica 170, 2000 Maribor		Vrsta načrta/prika:		3. NAČRT GRADBENIH KONSTRUKCIJ	
Ime in priimek:		d. št. IZS:		Vsebinska risba (dokumento):		ODSEK 2 (štac. km 0+311 – 0+599)	
Odgovorni vodja projekta:		Primož Gabrijelič, u.d.i.g.		G-3335		VZDOLŽNI PROFIL, SITUACIJA	
Odgovorni projektant:		Primož Gabrijelič, u.d.i.g.		G-3335		Vrsta dokumentacije:	
Sodelavec projektanta:		-		-		PZI	
Obdelal:		Primož Gabrijelič, u.d.i.g.		-		Številka projekta:	
Datum izdelave:		03.2016		Merilo:		1:500/100, 1:500	
Identifikacijski oznaka:		H_1_K_3_--		-		6_G_C_1_0_2_10	
Stran/strani:		1/1		-		-	



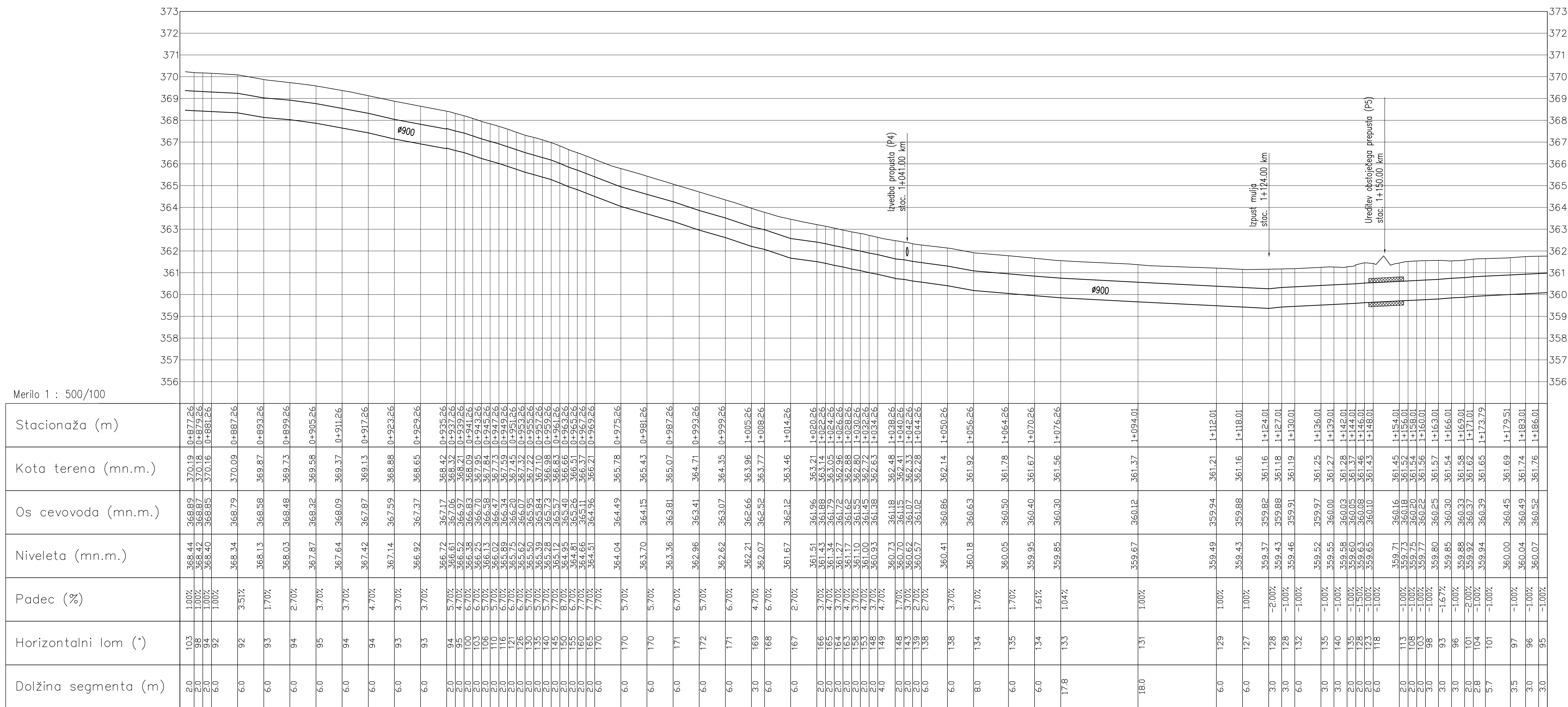
CEVOVOD – ODSEK 3  
VZDOLŽNI PROFIL

Merilo 1 : 500/100

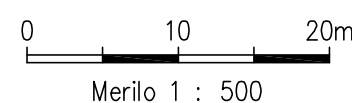
Stacionaža (m)	0+591,76	0+597,76	0+603,76	0+609,76	0+615,76	0+621,76	0+627,76	0+633,76	0+639,76	0+645,76	0+651,76	0+657,76	0+663,76	0+669,76	0+675,76	0+681,76	0+687,76	0+693,76	0+699,76	0+705,76	0+711,76	0+717,76	0+723,76	0+729,76	0+735,76	0+741,76	0+747,76	0+753,76	0+759,76	0+765,76	0+771,76	0+777,76	0+783,76	0+789,76	0+795,76	0+801,76	0+807,76	0+813,76	0+819,76	0+825,76	0+831,76	0+837,76	0+843,76	0+849,76	0+855,76	0+861,76	0+867,76	0+873,76	0+879,76	0+885,76	0+891,76	0+897,76	0+903,76	0+909,76	0+915,76	0+921,76	0+927,76	0+933,76	0+939,76	0+945,76	0+951,76	0+957,76	0+963,76	0+969,76	0+975,76	0+981,76	0+987,76	0+993,76	0+999,76	1+005,76	1+011,76	1+017,76	1+023,76	1+029,76	1+035,76	1+041,76	1+047,76	1+053,76	1+059,76	1+065,76	1+071,76	1+077,76	1+083,76	1+089,76	1+095,76	1+101,76	1+107,76	1+113,76	1+119,76	1+125,76	1+131,76	1+137,76	1+143,76	1+149,76	1+155,76	1+161,76	1+167,76	1+173,76	1+179,76	1+185,76	1+191,76	1+197,76	1+203,76	1+209,76	1+215,76	1+221,76	1+227,76	1+233,76	1+239,76	1+245,76	1+251,76	1+257,76	1+263,76	1+269,76	1+275,76	1+281,76	1+287,76	1+293,76	1+299,76	1+305,76	1+311,76	1+317,76	1+323,76	1+329,76	1+335,76	1+341,76	1+347,76	1+353,76	1+359,76	1+365,76	1+371,76	1+377,76	1+383,76	1+389,76	1+395,76	1+401,76	1+407,76	1+413,76	1+419,76	1+425,76	1+431,76	1+437,76	1+443,76	1+449,76	1+455,76	1+461,76	1+467,76	1+473,76	1+479,76	1+485,76	1+491,76	1+497,76	1+503,76	1+509,76	1+515,76	1+521,76	1+527,76	1+533,76	1+539,76	1+545,76	1+551,76	1+557,76	1+563,76	1+569,76	1+575,76	1+581,76	1+587,76	1+593,76	1+599,76	1+605,76	1+611,76	1+617,76	1+623,76	1+629,76	1+635,76	1+641,76	1+647,76	1+653,76	1+659,76	1+665,76	1+671,76	1+677,76	1+683,76	1+689,76	1+695,76	1+701,76	1+707,76	1+713,76	1+719,76	1+725,76	1+731,76	1+737,76	1+743,76	1+749,76	1+755,76	1+761,76	1+767,76	1+773,76	1+779,76	1+785,76	1+791,76	1+797,76	1+803,76	1+809,76	1+815,76	1+821,76	1+827,76	1+833,76	1+839,76	1+845,76	1+851,76	1+857,76	1+863,76	1+869,76	1+875,76	1+881,76	1+887,76	1+893,76	1+899,76	1+905,76	1+911,76	1+917,76	1+923,76	1+929,76	1+935,76	1+941,76	1+947,76	1+953,76	1+959,76	1+965,76	1+971,76	1+977,76	1+983,76	1+989,76	1+995,76	1+001,76	1+007,76	1+013,76	1+019,76	1+025,76	1+031,76	1+037,76	1+043,76	1+049,76	1+055,76	1+061,76	1+067,76	1+073,76	1+079,76	1+085,76	1+091,76	1+097,76	1+103,76	1+109,76	1+115,76	1+121,76	1+127,76	1+133,76	1+139,76	1+145,76	1+151,76	1+157,76	1+163,76	1+169,76	1+175,76	1+181,76	1+187,76	1+193,76	1+199,76	1+205,76	1+211,76	1+217,76	1+223,76	1+229,76	1+235,76	1+241,76	1+247,76	1+253,76	1+259,76	1+265,76	1+271,76	1+277,76	1+283,76	1+289,76	1+295,76	1+301,76	1+307,76	1+313,76	1+319,76	1+325,76	1+331,76	1+337,76	1+343,76	1+349,76	1+355,76	1+361,76	1+367,76	1+373,76	1+379,76	1+385,76	1+391,76	1+397,76	1+403,76	1+409,76	1+415,76	1+421,76	1+427,76	1+433,76	1+439,76	1+445,76	1+451,76	1+457,76	1+463,76	1+469,76	1+475,76	1+481,76	1+487,76	1+493,76	1+499,76	1+505,76	1+511,76	1+517,76	1+523,76	1+529,76	1+535,76	1+541,76	1+547,76	1+553,76	1+559,76	1+565,76	1+571,76	1+577,76	1+583,76	1+589,76	1+595,76	1+601,76	1+607,76	1+613,76	1+619,76	1+625,76	1+631,76	1+637,76	1+643,76	1+649,76	1+655,76	1+661,76	1+667,76	1+673,76	1+679,76	1+685,76	1+691,76	1+697,76	1+703,76	1+709,76	1+715,76	1+721,76	1+727,76	1+733,76	1+739,76	1+745,76	1+751,76	1+757,76	1+763,76	1+769,76	1+775,76	1+781,76	1+787,76	1+793,76	1+799,76	1+805,76	1+811,76	1+817,76	1+823,76	1+829,76	1+835,76	1+841,76	1+847,76	1+853,76	1+859,76	1+865,76	1+871,76	1+877,76	1+883,76	1+889,76	1+895,76	1+901,76	1+907,76	1+913,76	1+919,76	1+925,76	1+931,76	1+937,76	1+943,76	1+949,76	1+955,76	1+961,76	1+967,76	1+973,76	1+979,76	1+985,76	1+991,76	1+997,76	2+003,76	2+009,76	2+015,76	2+021,76	2+027,76	2+033,76	2+039,76	2+045,76	2+051,76	2+057,76	2+063,76	2+069,76	2+075,76	2+081,76	2+087,76	2+093,76	2+099,76	2+105,76	2+111,76	2+117,76	2+123,76	2+129,76	2+135,76	2+141,76	2+147,76	2+153,76	2+159,76	2+165,76	2+171,76	2+177,76	2+183,76	2+189,76	2+195,76	2+201,76	2+207,76	2+213,76	2+219,76	2+225,76	2+231,76	2+237,76	2+243,76	2+249,76	2+255,76	2+261,76	2+267,76	2+273,76	2+279,76	2+285,76	2+291,76	2+297,76	3+003,76	3+009,76	3+015,76	3+021,76	3+027,76	3+033,76	3+039,76	3+045,76	3+051,76	3+057,76	3+063,76	3+069,76	3+075,76	3+081,76	3+087,76	3+093,76	3+099,76	3+105,76	3+111,76	3+117,76	3+123,76	3+129,76	3+135,76	3+141,76	3+147,76	3+153,76	3+159,76	3+165,76	3+171,76	3+177,76	3+183,76	3+189,76	3+195,76	3+201,76	3+207,76	3+213,76	3+219,76	3+225,76	3+231,76	3+237,76	3+243,76	3+249,76	3+255,76	3+261,76	3+267,76	3+273,76	3+279,76	3+285,76	3+291,76	3+297,76	4+003,76	4+009,76	4+015,76	4+021,76	4+027,76	4+033,76	4+039,76	4+045,76	4+051,76	4+057,76	4+063,76	4+069,76	4+075,76	4+081,76	4+087,76	4+093,76	4+099,76	4+105,76	4+111,76	4+117,76	4+123,76	4+129,76	4+135,76	4+141,76	4+147,76	4+153,76	4+159,76	4+165,76	4+171,76	4+177,76	4+183,76	4+189,76	4+195,76	4+201,76	4+207,76	4+213,76	4+219,76	4+225,76	4+231,76	4+237,76	4+243,76	4+249,76	4+255,76	4+261,76	4+267,76	4+273,76	4+279,76	4+285,76	4+291,76	4+297,76	5+003,76	5+009,76	5+015,76	5+021,76	5+027,76	5+033,76	5+039,76	5+045,76	5+051,76	5+057,76	5+063,76	5+069,76	5+075,76	5+081,76	5+087,76	5+093,76	5+099,76	5+105,76	5+111,76	5+117,76	5+123,76	5+129,76	5+135,76	5+141,76	5+147,76	5+153,76	5+159,76	5+165,76	5+171,76	5+177,76	5+183,76	5+189,76	5+195,76	5+201,76	5+207,76	5+213,76	5+219,76	5+225,76	5+231,76	5+237,76	5+243,76	5+249,76	5+255,76	5+261,76	5+267,76	5+273,76	5+279,76	5+285,76	5+291,76	5+297,76	6+003,76	6+009,76	6+015,76	6+021,76	6+027,76	6+033,76	6+039,76	6+045,76	6+051,76	6+057,76	6+063,76	6+069,76	6+075,76	6+081,76	6+087,76	6+093,76	6+099,76	6+105,76	6+111,76	6+117,76	6+123,76	6+129,76	6+135,76	6+141,76	6+147,76	6+153,76	6+159,76	6+165,76	6+171,76	6+177,76	6+183,76	6+189,76	6+195,76	6+201,76	6+207,76	6+213,76	6+219,76	6+225,76	6+231,76	6+237,76	6+243,76	6+249,76	6+255,76	6+261,76	6+267,76	6+273,76	6+279,76	6+285,76	6+291,76	6+297,76	7+003,76	7+009,76	7+015,76	7+021,76	7+027,76	7+033,76	7+039,76	7+045,76	7+051,76	7+057,76	7+063,76	7+069,76	7+075,76	7+081,76	7+087,76	7+093,76	7+099,76	7+105,76	7+111,76	7+117,76	7+123,76	7+129,76	7+135,76	7+141,76	7+147,76	7+153,76	7+159,76	7+165,76	7+171,76	7+177,76	7+183,76	7+189,76	7+195,76	7+201,76	7+207,76	7+213,76	7+219,76	7+225,76	7+231,76	7+237,76	7+243,76	7+249,76	7+255,76	7+261,76	7+267,76	7+273,76	7+279,76	7+285,76	7+291,76	7+297,76	8+003,76	8+009,76	8+015,76	8+021,76	8+027,76	8+033,76	8+039,76	8+045,76	8+051,76	8+057,76	8+063,76	8+069,76	8+075,76	8+081,76	8+087,76	8+093,76	8+099,76	8+105,76	8+111,76	8+117,76	8+123,76	8+129,76	8+135,76	8+141,76	8+147,76	8+153,76	8+159,76	8+165,76	8+171,76	8+177,76	8+183,76	8+189,76	8+195,76	8+201,76	8+207,76	8+213,76	8+219,76	8+225,76	8+231,76	8+237,76	8+243,76	8+249,76	8+255,76	8+261,76	8+267,76	8+273,76	8+279,76	8+285,76	8+291,76	8+297,76	9+003,76	9+009,76	9+015,76	9+021,76	9+027,76	9+033,76	9+039,76	9+045,76	9+051,76	9+057,76	9+063,76	9+069,76	9+075,76	9+081,76	9+087,76	9+093,76	9+099,76	9+105,76	9+111,76	9+117,76	9+123,76	9+129,76	9+135,76	9+141,76	9+147,76	9+153,76	9+159,76	9+165,76	9+171,76	9+177,76	9+183,76	9+189,76	9+195,76	9+201,76	9+207,76	9+213,76	9+219,76	9+225,76	9+231,76	9+237,76	9+243,76	9+249,76	9+255,76	9+261,76	9+267,76	9+273,76	9+279,76	9+285,76	9+291,76	9+297,76	10+003,76	10+009,76	10+015,76	10+021,76	10+027,76	10+033,76	10+039,76	10+045,76	10+051,76	10+057,76	10+063,76	10+069,76	10+075,76	10+081,76	10+087,76	10+093,76	10+099,76	10+105,76	10+111,76	10+117,76	10+123,76	10+129,76	10+135,76	10+141,76	10+147,76	10+153,76	10+159,76	10+165,76	10+171,76	10+177,76	10+183,76	10+189,76	10+195,76	10+201,76	10+207,76	10+213,76	10+219,76	10+225,76	10+231,76	10+237,76	10+243,76	10+249,76	10+255,76	10+261,76	10+267,76	10+273,76	10+279,76	10+285,76	10+291,76	10+297,76	11+003,76	11+009,76	11+015,76	11+021,76	11+027,76	11+033,76	11+039,76	11+045,76	11+051,76	11+057,76	11+063,76	11+069,76	11+075,76	11+081,76	11+087,76	11+093,76	11+099,76	11+105,76	11+111,76	11+117,76	11+123,76	11+129,76	11+135,76	11+141,76	11+147,76	11+153,76	11+159,76	11+165,76	11+171,76	11+177,76	11+183,76	11+189,76	11+195,76	11+201,76	11+207,76	11+213,76	11+219,76	11+225,76	11+231,76	11+237,76	11+243,76	11+249,76	11+255,76	11+261,76	11+267,76	11+273,76	11+279,76	11+285,76	11+291,76	11+297,76	12+003,76	12+009,76	12+015,76	12+021,76	12+027,76	12+033,76	12+039,76	12+045,76	12+051,76	12+057,76	12+063,76	12+069,76	12+075,76	12+081,76	12+087,76	12+093,76	12+099,76	12+105,76	12+111,76	12+117,76	12+123,76	12+129,76	12+135,76	12+141,76	12+147,76	12+153,76	12+159,76	12+165,76	12+171,76	12+177,76
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CEVOVOD—ODSEK 4  
VZDOLŽNI PROFIL





## SITUACIJA



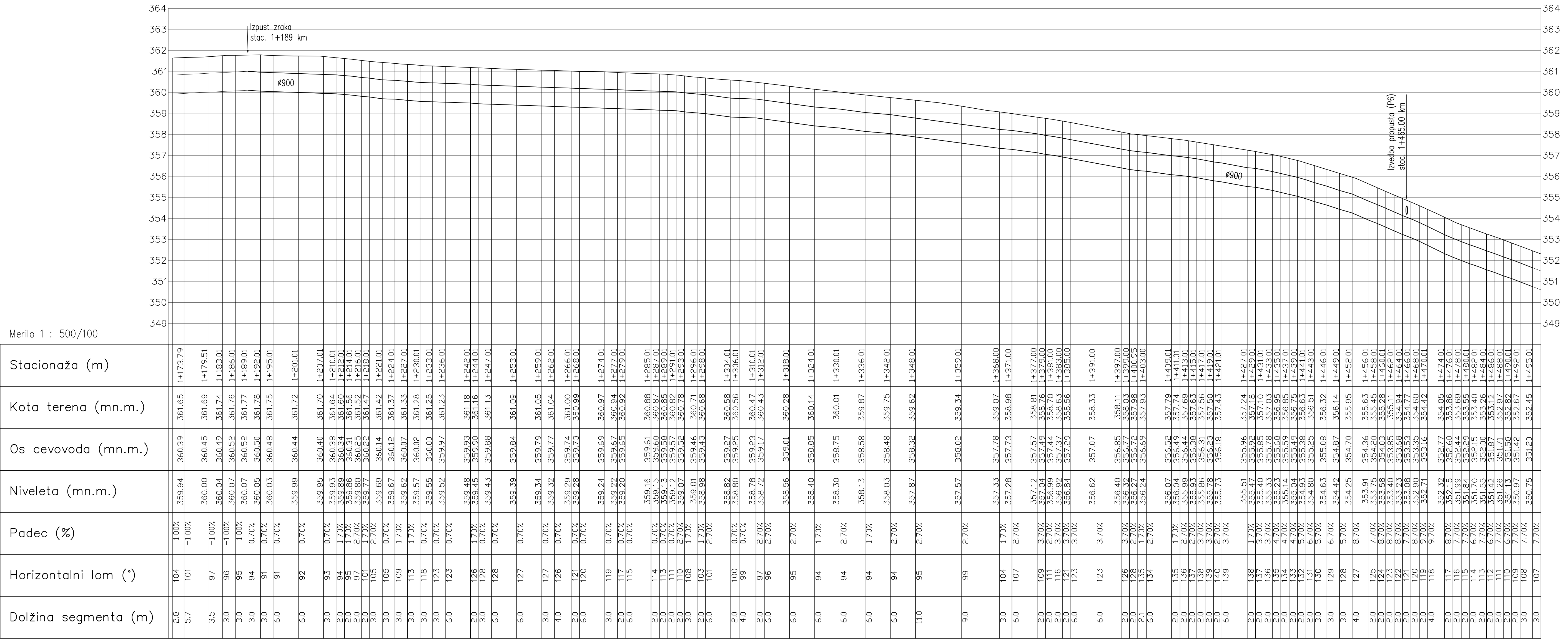
SPLOŠNE OPOMBE:

- 1- Vse dimenzije so v metrih, če ni drugače omenjeno.
- 2- Vse višine so v metrih in se nanašajo na referenčno višino 0.00 m.n.m.
- 3- Os cevovoda (trasa) je določena glede na 5" lom na spojih (s prizevzavanjem nivele). V kolikor dobavitelj smatra, da to ni primerno, je potrebno traso korigirati.
- 4- Niveleta v vzdolžnem profilu predstavlja koto posteljice, kamor se polaga cev.

Sprememba:		Opis spremembe:		Datum:		Podpis:	
Investitor: 				Objekt: mHE KNEŽA			
Projektant: 				Del objekta/sistem: CEVOVOD			
Id. oznaka izvajalca:				Vrsta načrta/prikaza: 3. NAČRT GRADBENIH KONSTRUKCIJ			
HSE INVEST d.o.o. Obotinska ulica 170, 2000 Maribor				Vsebinske risbe (dokumenta): ODSEK 4 (stac. km 0+886 – 1+182) VZDOLŽNI PROFIL, SITUACIJA			
Odgovorni vodja projekta:		Ime in priimek: Primož Gabrijelič, u.d.g.		Id. št. IZS:		G-3335	
Odgovorni projektant:		Ime in priimek: Primož Gabrijelič, u.d.g.		Id. št. IZS:		G-3335	
Sodelavec – projektant:		Ime in priimek: –		Id. št. IZS:		–	
Odbel:		Ime in priimek: Primož Gabrijelič, u.d.g.		Id. št. IZS:		–	
Datum izdelave:		03.2016		Merilo:		1:500/100, 1:500	
				Vrsta dokumentacije:		PZI	
				Številka projekta:		HIK3-01/10	
				Stran/strani:		1/1	
				Identifikacijska oznaka:		H I K 3 - - - - - 6 G C 1 0 4 0	

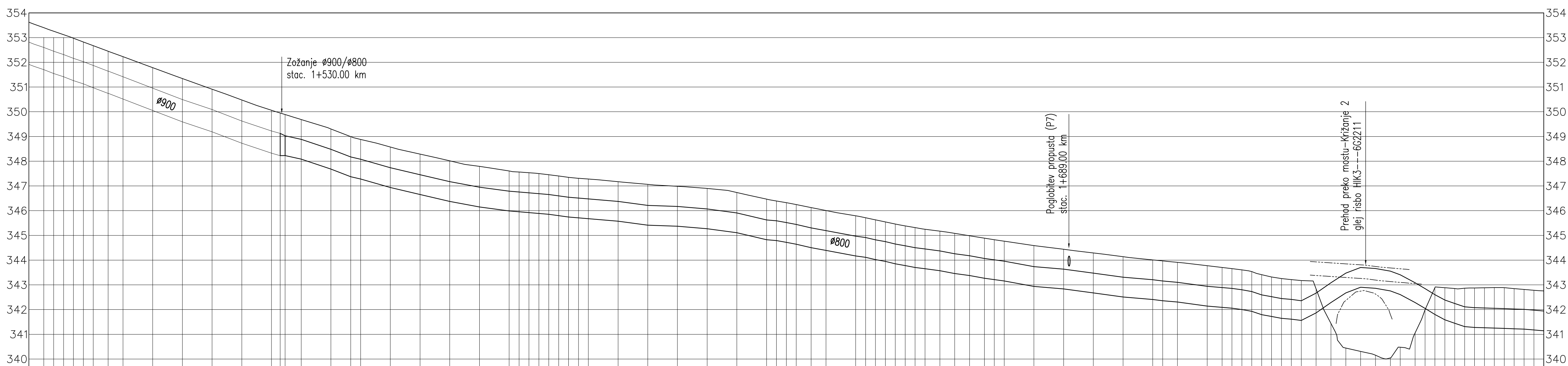


CEVOVOD—ODSEK 5  
VZDOLŽNI PROFIL





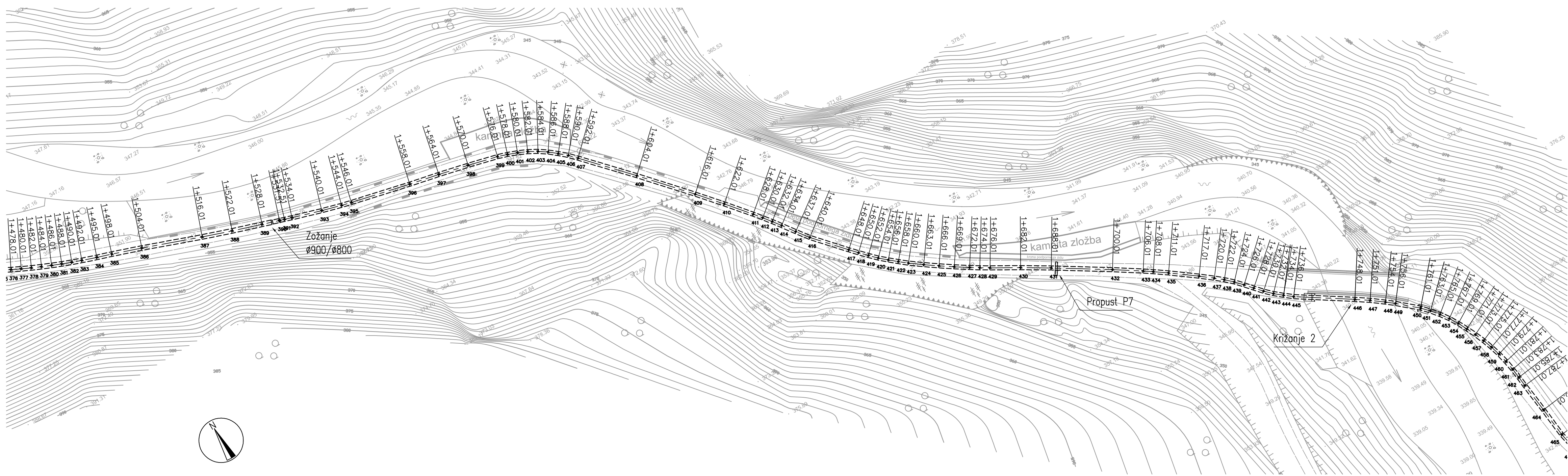
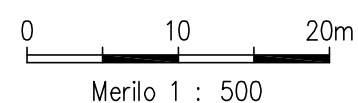
CEVOVOD—ODSEK 6  
VZDOLŽNI PROFIL



Merilo 1 : 500/100



Dolžina segmenta (m)	Horizontalni lom (°)	Padec (%)	Niveleta (mn.m.)	Os cevovoda (mn.m.)	Kota terena (mn.m.)	Stacionaža (m)
2,0	114	6,70%	351,70	352,15	353,40	1+482,01
2,0	113	7,70%	351,55	352,00	353,26	1+484,01
2,0	112	6,70%	351,42	351,87	353,12	1+486,01
2,0	111	7,70%	351,26	351,71	352,97	1+488,01
2,0	110	6,70%	351,13	351,58	352,82	1+490,01
2,0	109	7,70%	350,97	351,42	352,67	1+492,01
3,0	108	7,70%	350,75	351,20	352,45	1+495,01
3,0	107	7,70%	350,52	350,97	352,23	1+498,01
6,0	108	7,70%	350,05	350,50	351,78	1+504,01
6,0	109	7,70%	349,98	350,43	351,71	1+510,01
6,0	109	6,70%	349,59	350,04	351,35	1+510,01
6,0	108	7,70%	349,19	349,64	350,91	1+516,01
6,0	107	6,70%	348,73	349,18	350,48	1+522,01
3,5	107	5,70%	348,33	348,78	350,06	1+528,01
1,0	107	5,70%	348,19	348,64	349,91	1+530,75
6,0	106	6,70%	348,08	348,48	349,69	1+534,01
4,0	105	7,70%	347,68	348,08	349,30	1+540,01
2,0	103	4,70%	347,37	347,77	348,99	1+544,01
6,0	102	5,70%	347,28	347,68	348,88	1+546,01
6,0	102	4,70%	346,94	347,34	348,57	1+552,01
6,0	101	4,70%	346,66	347,06	348,29	1+558,01
6,0	102	3,70%	346,37	346,77	348,02	1+564,01
6,0	103	2,70%	346,15	346,55	347,79	1+570,01
2,0	107	1,70%	345,99	345,39	347,60	1+576,01
2,0	110	3,70%	345,82	345,22	347,56	1+578,01
2,0	113	1,70%	345,89	346,29	347,50	1+580,01
2,0	118	1,70%	345,85	346,25	347,45	1+584,01
2,0	123	2,70%	345,80	346,20	347,40	1+588,01
2,0	128	2,70%	345,75	346,15	347,35	1+588,01
2,0	130	1,70%	345,71	346,11	347,31	1+590,01
6,0	138	1,70%	345,68	346,08	347,28	1+592,01
6,0	136	2,70%	345,58	345,98	347,17	1+598,01
6,0	137	0,70%	345,41	345,81	347,06	1+604,01
6,0	137	1,70%	345,37	345,77	346,99	1+610,01
6,0	138	2,70%	345,27	345,67	346,90	1+616,01
6,0	139	4,70%	345,11	345,51	346,73	1+622,01
2,0	140	1,70%	344,83	345,23	346,47	1+628,01
2,0	141	1,70%	344,79	345,19	346,39	1+630,01
2,0	142	3,70%	344,72	345,12	346,32	1+632,01
2,0	143	4,70%	344,64	345,04	346,25	1+634,01
3,0	143	4,70%	344,50	344,90	346,13	1+637,01
3,0	142	3,70%	344,39	344,79	346,00	1+640,01
6,0	137	3,70%	344,12	344,57	345,79	1+646,01
2,0	137	2,70%	344,12	344,52	345,71	1+648,01
2,0	136	4,70%	344,02	344,42	345,63	1+650,01
2,0	135	3,70%	343,95	344,35	345,55	1+652,01
2,0	134	4,70%	343,88	344,28	345,46	1+654,01
2,0	139	3,70%	343,78	344,18	345,38	1+656,01
2,0	137	3,70%	343,63	344,03	345,23	1+660,01
3,0	125	2,70%	343,57	343,97	345,17	1+663,01
3,0	124	3,70%	343,46	343,86	345,08	1+666,01
3,0	123	2,70%	343,38	343,78	344,99	1+669,01
3,0	122	3,70%	343,27	343,67	344,89	1+672,01
2,0	121	2,70%	343,16	343,56	344,79	1+675,01
6,0	119	3,70%	343,16	343,56	344,77	1+675,01
6,0	120	1,70%	342,94	343,34	344,59	1+682,01
6,0	121	2,70%	342,84	343,24	344,44	1+688,01
6,0	121	2,70%	342,84	343,24	344,44	1+688,01
6,0	121	2,70%	342,67	343,07	344,29	1+694,01
6,0	122	1,70%	342,51	342,91	344,14	1+700,01
2,0	123	2,70%	342,41	342,81	344,01	1+706,01
3,0	124	1,70%	342,36	342,76	343,97	1+708,01
6,0	126	2,70%	342,36	342,76	343,97	1+710,01
3,0	127	1,70%	342,14	342,54	343,78	1+717,01
2,0	128	1,70%	342,09	342,49	343,70	1+720,01
2,0	132	2,70%	342,06	342,46	343,66	1+722,01
2,0	136	3,70%	341,93	342,33	343,54	1+726,01
2,0	138	6,70%	341,80	342,20	343,41	1+728,01
2,0	137	3,70%	341,72	342,12	343,32	1+730,01
2,0	133	3,70%	341,65	342,05	343,25	1+732,01
2,0	129	1,70%	341,61	342,01	343,21	1+734,01
2,0	127	2,70%	341,56	341,96	343,17	1+736,01
3,0	122	-10,30%	341,87	342,27	342,83	1+739,01
3,0	122	-13,84%	342,28	342,68	341,43	1+742,01
3,0	122	-13,06%	342,67	343,07	340,44	1+745,01
3,0	122	-7,55%	343,30	343,70	340,31	1+748,01
3,0	123	1,35%	342,86	343,26	340,15	1+751,01
3,0	126	3,95%	342,75	343,15	340,04	1+754,01
2,0	127	7,47%	342,60	343,00	340,48	1+756,01
3,0	130	10,70%	342,60	343,00	340,48	1+756,01
2,0	135	11,86%	342,05	342,45	341,06	1+759,01
2,0	139	12,99%	342,05	342,45	341,06	1+759,01
2,0	140	10,85%	341,59	341,99	342,11	1+761,01
2,0	143	7,06%	341,45	341,85	342,45	1+762,01
2,0	148	6,75%	341,31	341,71	342,87	1+769,01
2,0	152	1,58%	341,28	341,68	342,87	1+771,01
2,0	153	0,70%	341,27	341,67	342,88	1+773,01
2,0	156	0,70%	341,25	341,65	342,89	1+775,01
2,0	159	0,70%	341,24	341,64	342,89	1+777,01
2,0	166	0,70%	341,22	341,62	342,86	1+780,01
2,0	169	1,70%	341,18	341,58	342,78	1+783,01
2,0	172	1,70%	341,18	341,58	342,78	1+783,01

## SITUACIJA



SPLOŠNE OPOMBE:

- 1- Vse dimenzije so v metrih, če ni drugače omenjeno.
- 2- Vse višine so v metrih in se nanašajo na referenčno višino 0.00 m.n.m.
- 3- Os cevovoda (trasa) je določena glede na 5' lom na spojih (s prizrezovanjem cevj). V kolikor dobavitelj smatra, da to ni primerno, je potrebno traso korigirati
- 4- Niveleta v vzdolžnem profilu predstavlja koto posteljice, kamor se polaga cev.

Sprememba:		Opis spremembe:		Datum:		Podpis:	
Investitor:				Objekt:		mHE KNEŽA	
Projektant:				Del objekta/sistem:		CEVOVOD	
Id. oznaka izvajalca:		HSE INVEST d.o.o. Glavna ulica 170, 2000 Maribor		Vrsta načrta/prikaza:		3. NAČRT GRADBENIH KONSTRUKCIJ	
Odgovorni vodja:		Ime in priimek:		Vsebinske risbe (dokumenta):		ODSEK 6 (stac. km 1+491 – 1+779)	
Odgovorni projektant:		Id. št. IZS:		VZDOLŽNI PROFIL, SITUACIJA			
Sodelavec - projektant:		-		Vrsta dokumentacije:		PZI	
Obdelal:		Primož Gabrijelič, u.d.g.		Številka projekta:		HIK3-01/10	
Datum izdelave:		03.2016		Merilo:		1:500/100, 1:500	
				Klasifikacijska oznaka:		H I K 3 - - - - 6 G C 1 0 6	
				Ispis/fotokopija oznaka:		1/1	
				Stran/strani:		1/1	



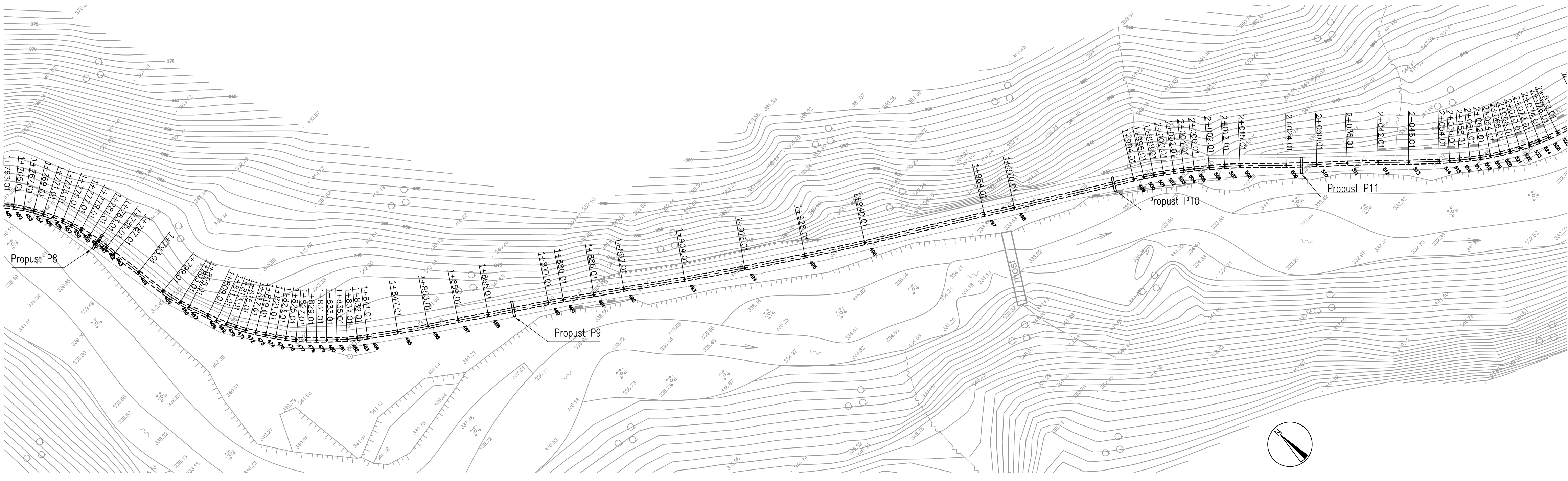
CEVOVOD – ODSEK 7  
VZDOLŽNI PROFIL

Merilo 1 : 500/100

Stacionaža (m)	Kota terena (mn.m.)	Os cevovoda (mn.m.)	Niveleta (mn.m.)	Padec (%)	Horizontalni lom (°)	Dolžina segmenta (m)
2+0	342.88	341.67	341.27	0.70%	153	2.0
2+1	342.89	341.65	341.25	0.70%	156	2.0
2+2	342.89	341.64	341.24	0.70%	157	2.0
2+3	342.89	341.62	341.22	0.70%	158	2.0
2+4	342.81	341.61	341.21	0.70%	160	2.0
2+5	342.78	341.58	341.18	1.70%	169	2.0
2+6	342.76	341.54	341.14	1.70%	172	2.0
2+7	342.74	341.53	341.13	1.70%	172	6.0
2+8	342.67	341.43	341.03	0.70%	173	6.0
2+9	342.65	341.38	340.98	0.70%	167	4.0
2+10	342.61	341.36	340.96	0.70%	161	2.0
2+11	342.58	341.34	340.94	0.70%	160	4.0
2+12	342.52	341.31	340.91	1.70%	159	2.0
2+13	342.48	341.28	340.88	1.70%	156	2.0
2+14	342.41	341.21	340.81	1.70%	153	2.0
2+15	342.37	341.16	340.76	2.70%	152	2.0
2+16	342.33	341.12	340.72	1.70%	148	2.0
2+17	342.28	341.07	340.67	2.70%	147	2.0
2+18	342.22	341.02	340.62	2.70%	145	2.0
2+19	342.17	340.96	340.56	2.70%	143	2.0
2+20	342.10	340.91	340.51	2.70%	140	2.0
2+21	341.93	340.74	340.38	3.70%	135	2.0
2+22	341.89	340.69	340.29	3.70%	134	2.0
2+23	341.82	340.61	340.21	3.70%	133	2.0
2+24	341.75	340.54	340.14	3.70%	132	2.0
2+25	341.67	340.46	340.06	3.70%	127	2.0
2+26	341.59	340.39	339.99	4.70%	125	6.0
2+27	341.34	340.11	339.71	2.70%	124	6.0
2+28	341.15	339.95	339.55	3.70%	123	6.0
2+29	340.94	339.72	339.32	3.70%	124	6.0
2+30	340.73	339.50	339.10	3.70%	123	6.0
2+31	340.53	339.28	338.88	3.70%	123	6.0
2+32	340.35	339.12	338.72	2.70%	124	3.0
2+33	340.26	339.04	338.64	1.70%	125	6.0
2+34	340.14	338.93	338.53	1.70%	124	6.0
2+35	339.93	338.82	338.43	2.70%	125	6.0
2+36	339.93	338.67	338.27	1.70%	125	6.0
2+37	339.80	338.57	338.17	1.70%	124	6.0
2+38	339.66	338.47	338.07	2.70%	124	6.0
2+39	339.57	338.30	337.90	0.70%	123	6.0
2+40	339.50	338.26	337.86	0.70%	123	6.0
2+41	339.44	338.22	337.82	1.70%	122	6.0
2+42	339.35	338.12	337.72	1.70%	122	6.0
2+43	339.24	338.02	337.62	1.70%	121	6.0
2+44	339.14	337.91	337.51	1.70%	121	6.0
2+45	339.03	337.81	337.41	2.70%	121	6.0
2+46	338.90	337.65	337.25	1.70%	121	6.0
2+47	338.75	337.55	337.15	2.70%	122	6.0
2+48	338.61	337.39	336.99	2.70%	121	6.0
2+49	338.43	337.22	336.82	2.70%	121	6.0
2+50	338.28	337.06	336.66	2.70%	121	6.0
2+51	338.13	336.90	336.50	2.70%	121	6.0
2+52	337.94	336.74	336.34	3.70%	122	2.0
2+53	337.87	336.66	336.26	3.70%	123	2.0
2+54	337.80	336.59	336.19	2.70%	124	2.0
2+55	337.74	336.54	336.14	2.70%	125	2.0
2+56	337.67	336.46	336.06	3.70%	127	2.0
2+57	337.60	336.39	335.99	2.70%	128	2.0
2+58	337.53	336.33	335.93	2.70%	129	3.0
2+59	337.45	336.25	335.85	3.70%	130	3.0
2+60	337.35	336.14	335.74	3.70%	132	3.0
2+61	337.24	336.03	335.63	3.70%	134	3.0
2+62	337.14	335.92	335.52	3.70%	134	6.0
2+63	336.94	335.70	335.30	3.70%	133	6.0
2+64	336.73	335.48	335.08	2.70%	132	6.0
2+65	336.54	335.31	334.91	2.70%	133	6.0
2+66	336.35	335.15	334.75	3.70%	134	6.0
2+67	336.19	334.93	334.53	1.70%	133	6.0
2+68	336.03	334.83	334.43	3.70%	131	2.0
2+69	335.96	334.75	334.35	2.70%	130	2.0
2+70	335.90	334.70	334.30	3.70%	128	2.0

SITUACIJA

0 10 20m  
Merilo 1 : 500



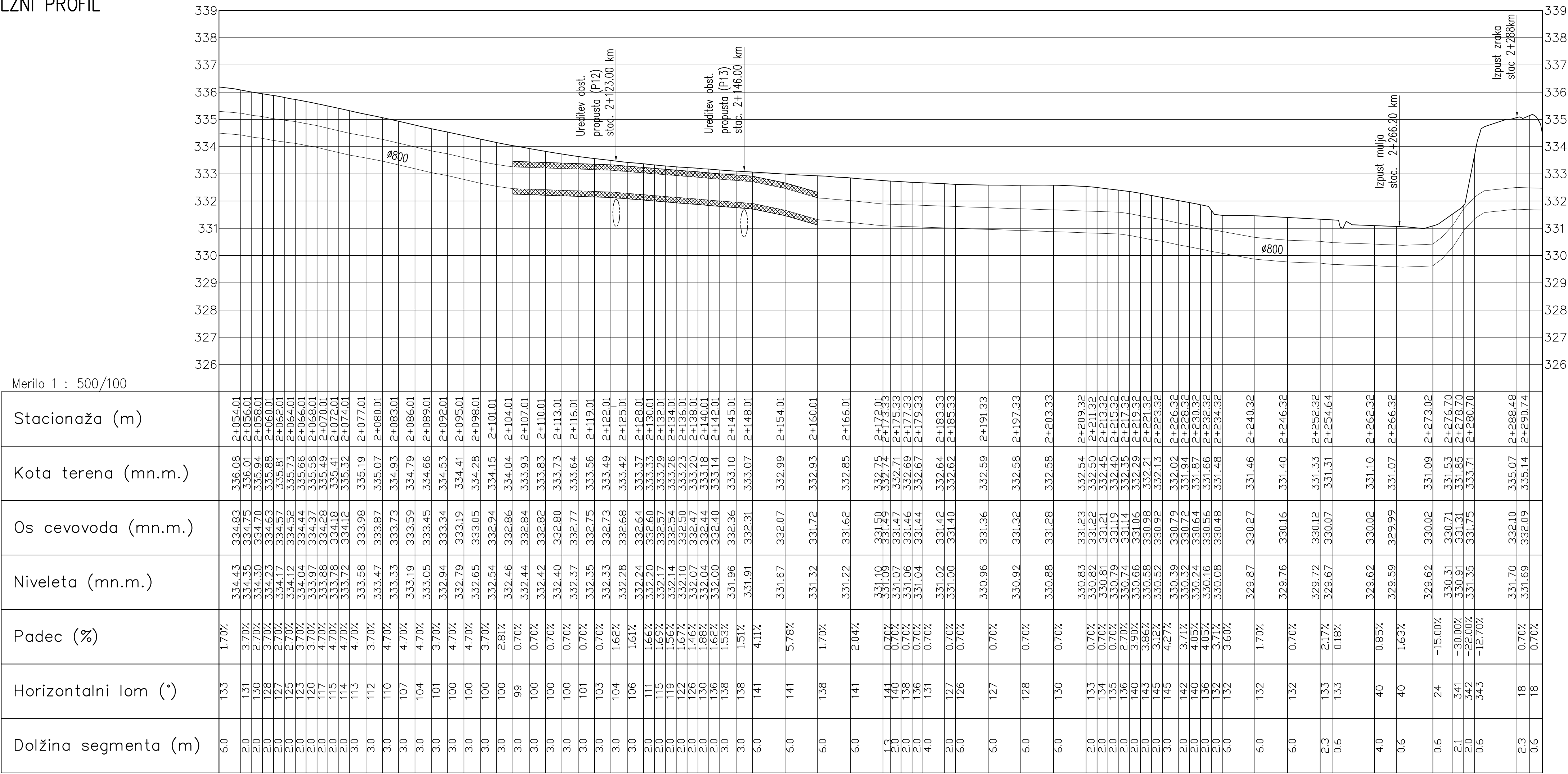
SPLOŠNE OPOMBE:

- 1– Vse dimenzije so v metrih, če ni drugače omenjeno.
- 2– Vse višine so v metrih in se nanašajo na referenčno višino 0.00 m.n.m.
- 3– Os cevovoda (trasa) je določena glede na 5' lom na spojih (s prizrezovanjem cevi). V kolikor dobavitelj smatra, da to ni primerno, je potrebno traso korigirati.
- 4– Niveleta v vzdolžnem profilu predstavljajo koto posteljišče, kamor se polaga cev.

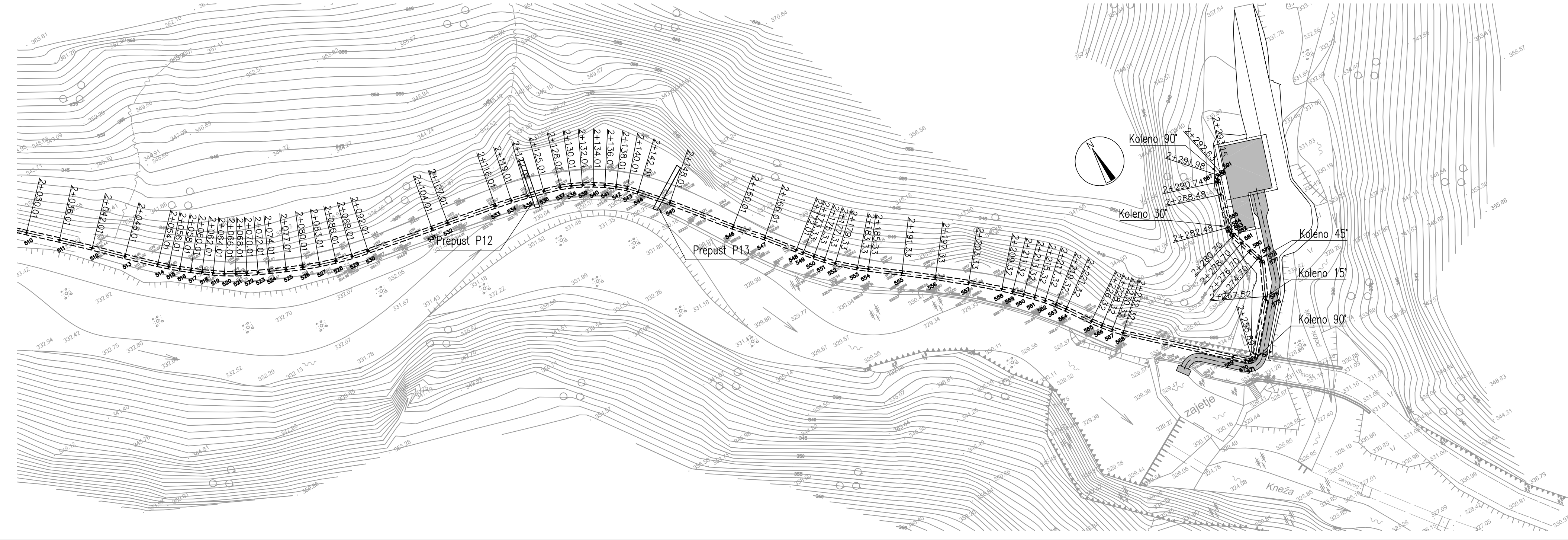
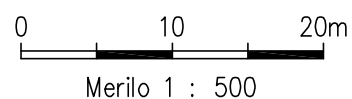
Sprememba:		Datum:	
Investitor:		Podpis:	
Projektant:		Ob jekt:	
id. oznaka izvaja:		Del objekta/sistem:	
Odgovorni vođa projekta:		Vrsta načrta/prika:	
Odgovorni projektant:		3. NAČRT GRADBENIH KONSTRUKCIJ	
Sodelov:		Vsebina risbe (dokumento):	
projektant:		ODSEK 7 (stac. km 1+779 – 2+058)	
Obdel:		VZDOLŽNI PROFIL, SIUACIJA	
Datum izdelave:		Vrsta dokumentacije:	
03.2016		PZI	
Merilo:		Številka projekta:	
1:500/100, 1:500		HIK3–01/10	
Identifikacijska oznaka:		Klasifikacijska oznaka:	
H,I,K,3,–,–,–,6,G,C,1,0,7		Stran/strani:	
		1/1	



CEVOVOD – ODSEK 8  
VZDOLŽNI PROFIL





SITUACIJA



SPLOŠNE OPOMBE:

- 1- Vse dimenzije so v metrih, če ni drugače omenjeno.
- 2- Vse višine so v metrih in se nanašajo na referenčno višino 0.00 m.n.m.
- 3- Os cevovoda (trasa) je določena glede na 5' lom na spojih (s prirezovanjem cevi). V kolikor dobavitelj smatra, da to ni primerno, je potrebno traso korigirati.
- 4- Niveleta v vzdolžnem profilu predstavljajo koto posteljičje, kamor se polaga cev.

A		Sprememba trase med stac. km 2+100 in stac. km 2+250	10.05.2016	P. Gabrijelčič
Sprememba:		Opis spremembe:	Datum:	Podpis:
Investitor:			Objekt:	
Projektant:			Del objekta/sistem:	
id. oznaka izv. jela:		HSE INVEST d.o.o. Oretna ulica 170, 2000 Maribor	Vrsta načrta/prikaža:	
Ime in priimek:		d. št. IZS:	Vsebinska risba (dokumento):	
Odgovorni vodja projekta:		Primož Gabrijelčič, u.d.i.g.	ODSEK 8 (stac. km 2+058 – 2+296)	
Odgovorni projektant:		Primož Gabrijelčič, u.d.i.g.	VZDOLŽNI PROFIL, SITUACIJA	
Sodelavec:		–	Vrsta dokumentacije:	
Projektant:		–	Klasifikacija projekta:	
Obdelal:		Primož Gabrijelčič, u.d.i.g.	Številka projekta:	
Datum izdelave:		03.2016	Stran/strani:	
Merilo:		1:500/100, 1:500	Serijski številki:	
Identifikacijska oznaka:		H11K3---	6.G.C.1.0.8	