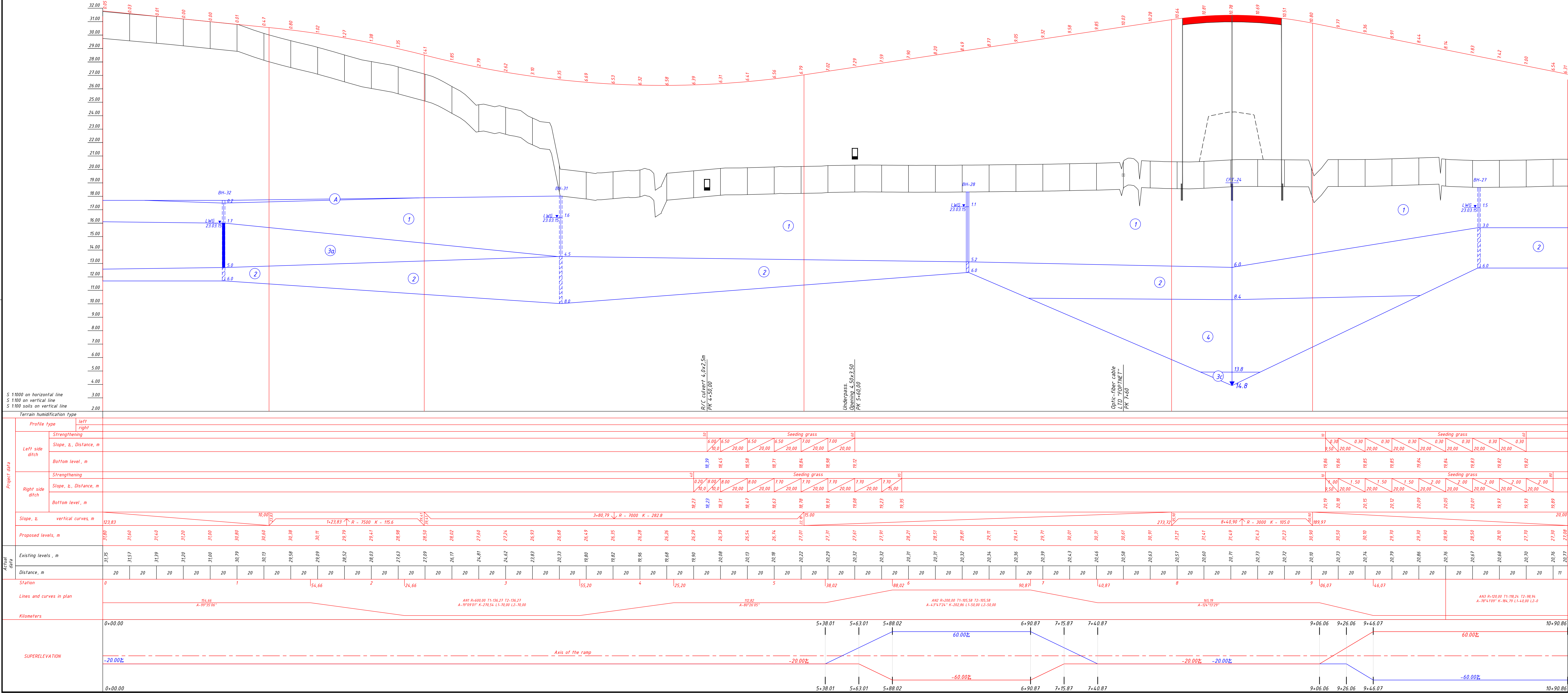
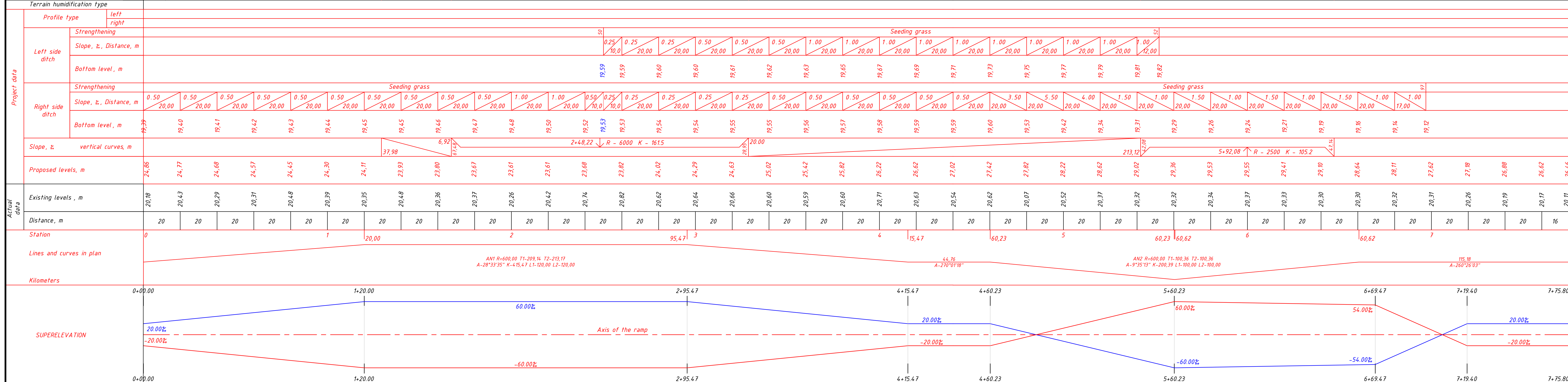
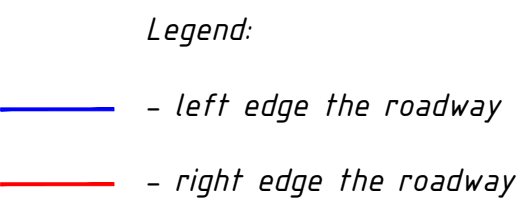


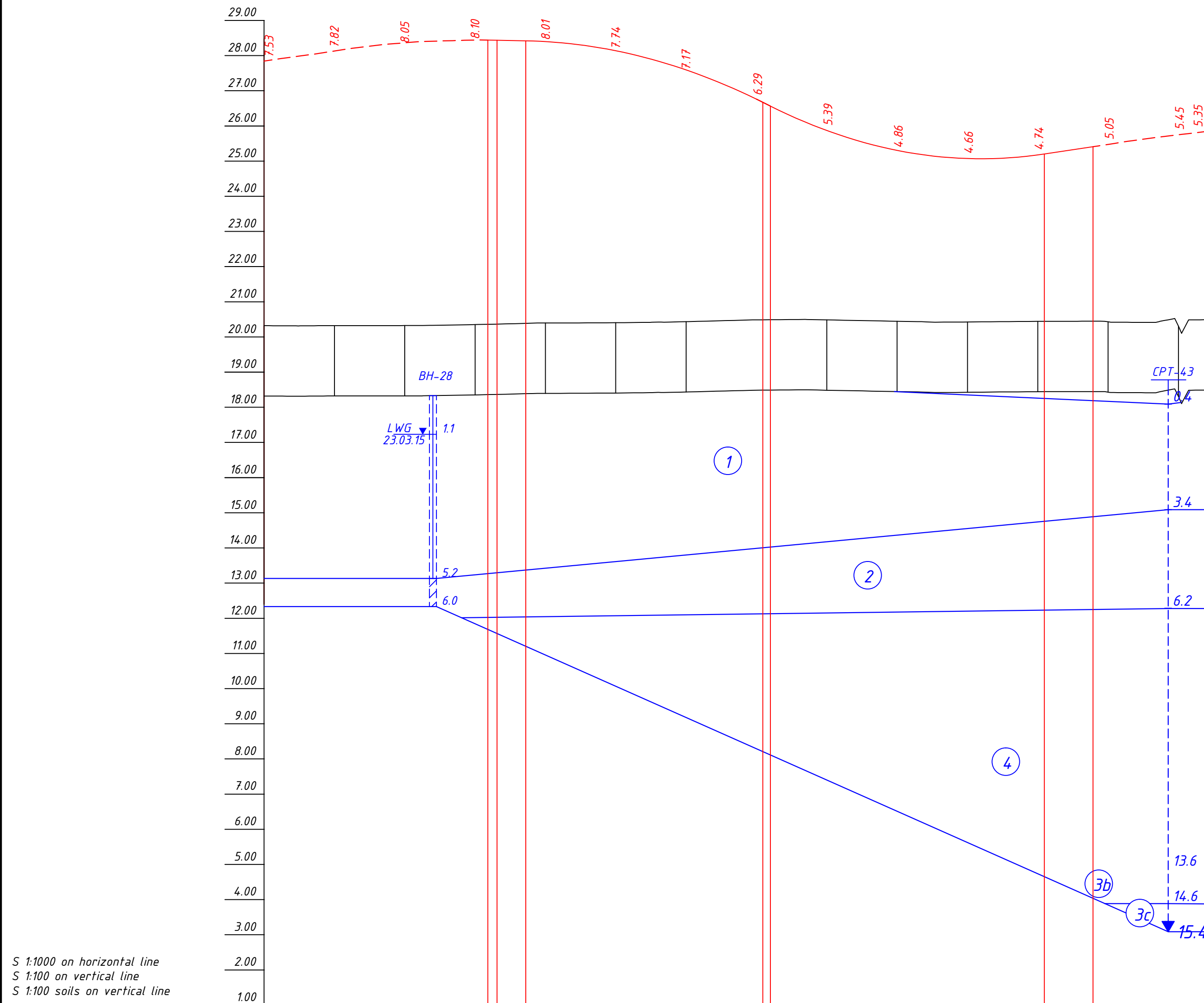




e IV	A	Soil-vegetative layer - loam brown
t IV	B	Bulk soil - sandy loam, loam with gravel and pebble inclusion 15-25%
t IV	C	Bulk soil - gravel, pebble with sandy loam filler 15-30%
ad III-IV	1	Clay lightweight sandy, brown-grey, greenish-grey, stiff, with frequent thin interlayers sand fine, sandy loam and loam to 10-15%, with carbonates inclusion to 5%
ad III-IV	2	Clay lightweight sandy, greenish-grey, dark grey firm, with lenses and interlayers sand fine, sandy loam and loam to 25-30%, with organic substances inclusion
ad III-IV	2a	Clay lightweight dusty, greenish-grey, light grey, stiff, with lenses and interlayers sand fine, sandy loam and loam to 15-25%, with organic substances inclusion
a III-IV	3a	Sand fine, grey, dark grey, medium degree water saturation and saturated water, loose, with frequent thin interlayers sand dust, sandy loam and loam 15-35%, with gravel inclusion to 5%
a III-IV	3b	Sand fine, grey, dark grey, saturated water, medium dense, with frequent thin interlayers sand dust, sandy loam and loam 15-25%
a III-IV	3c	Sand fine, grey, dark grey, saturated water, dense, with frequent thin interlayers sand coarse and sandy loam 15-20%, with gravel inclusion 10-15%
a III-IV	3d	Sand medium, grey, dark grey, saturated water, medium dense, with interlayers dense, with lenses and interlayers sand coarse and sandy loam 15-25%, with gravel inclusion 10-20%
a III-IV	4	Sandy loam,(non-uniform) grey, dark grey, soft with interlayers very soft, with lenses and interlayers sand fine, loam and clay 30-45%, with organic substances inclusion
lb III-IV	5	Clay lightweight dusty, dark grey, firm, with impurity and interlayers peat 10-20% (m=15-20 cm), with lenses and interlayers sand, sandy loam and loam 25-35%
a I-III	6	Gravel and pebble soil, saturated water, dense, with sandy-clay and sandy loam filler 25-35%, with inclusion boulders to 10%



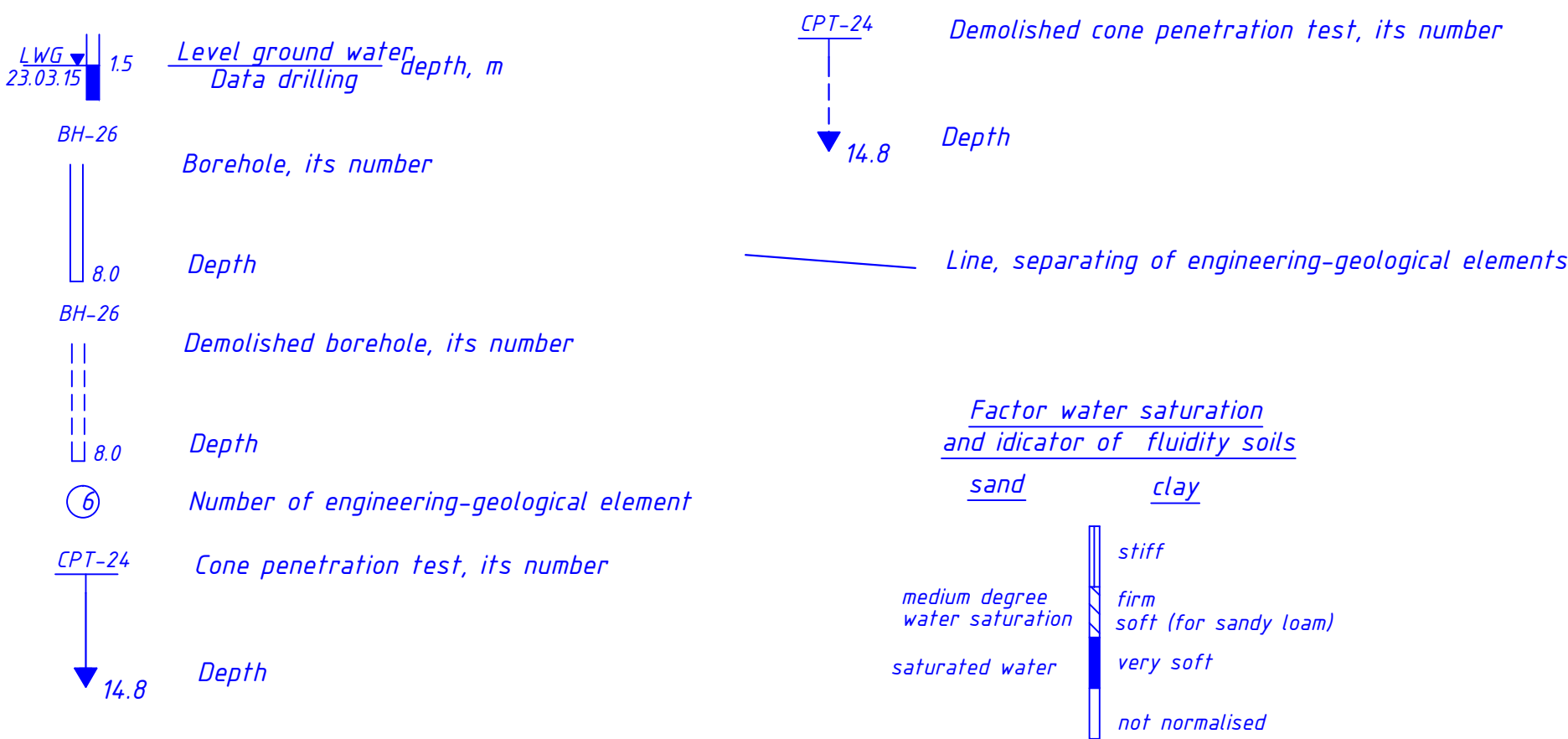
E-60-00-WD-01-H-1-HP-01-01				Construction of the road Samtredia - Grigoleti km 0+000 - km 11+500			
		Engineer	R.Holender				
							
	Proj/Manag	O.Valukin	05.16	INTERCHANGE №1 PK 7+00	Stage	Sheet	Sheets
	Checked by	Gorobinskaya	05.16		WD		1
	Exec. by	M. Lunnyagin	05.16				
				RAMP - C LONGITUDINAL PROFILE PK 0+00 - PK 7+35,00		"Road Building "Altcor" LLC 100% Altcor LLC	



Project data	Terrain humidification type																
	Profile type		left														
			right														
	Left side ditch	Strengthening															
		Slope, ‰, Distance, m															
		Bottom level, m															
	Right side ditch	Strengthening		Seeding grass													
		Slope, ‰, Distance, m		1.50 20,00	1.50 20,00	1.50 20,00	1.00 20,00	1.00 20,00	1.00 20,00	0.50 20,00	1.50 20,00	1.50 20,00	1.00 20,00	0.50 20,00	0.50 20,00	0.20 20,00	0.10 7
		Bottom level, m		19.35	19.38	19.41	19.44	19.46	19.48	19.50	19.49	19.46	19.43	19.41	19.40	19.39	19.39
	Slope, ‰		vertical curves, m		2.34 19.39 2.43 19.42 R - 1400 K - 67.4 0+74.42 50.00 2.17 2.43 1+82.88 R - 1200 K - 78.0 21.86 14.96 13.84												
Proposed levels, m		27.85	28.14	28.37	28.45	28.40	28.14	27.60	26.77	25.87	25.30	25.08	25.18	25.48	25.75	25.84	
Actual data	Existing levels, m		20.32	20.32	20.32	20.35	20.39	20.40	20.43	20.48	20.48	20.44	20.42	20.44	20.43	20.30	20.49
	Distance, m		20	20	20	20	20	20	20	20	20	20	20	20	20	7	
Station			0		40,00		1				2				27,40		
Lines and curves in plan			AN1 R=87,00 T1=420,05 T2=428,88 A=155°45'01" K=267,40 L1=40,00 L2=40,00														
Kilometers																	
SUPERELEVATION			0+00.00 0+40.00 2+27.40 2+67.40														
			60.00%														
			Axis of the ramp														
			20.00% -20.00%														
			0+00.00 0+40.00 2+27.40 2+67.40														

Legend

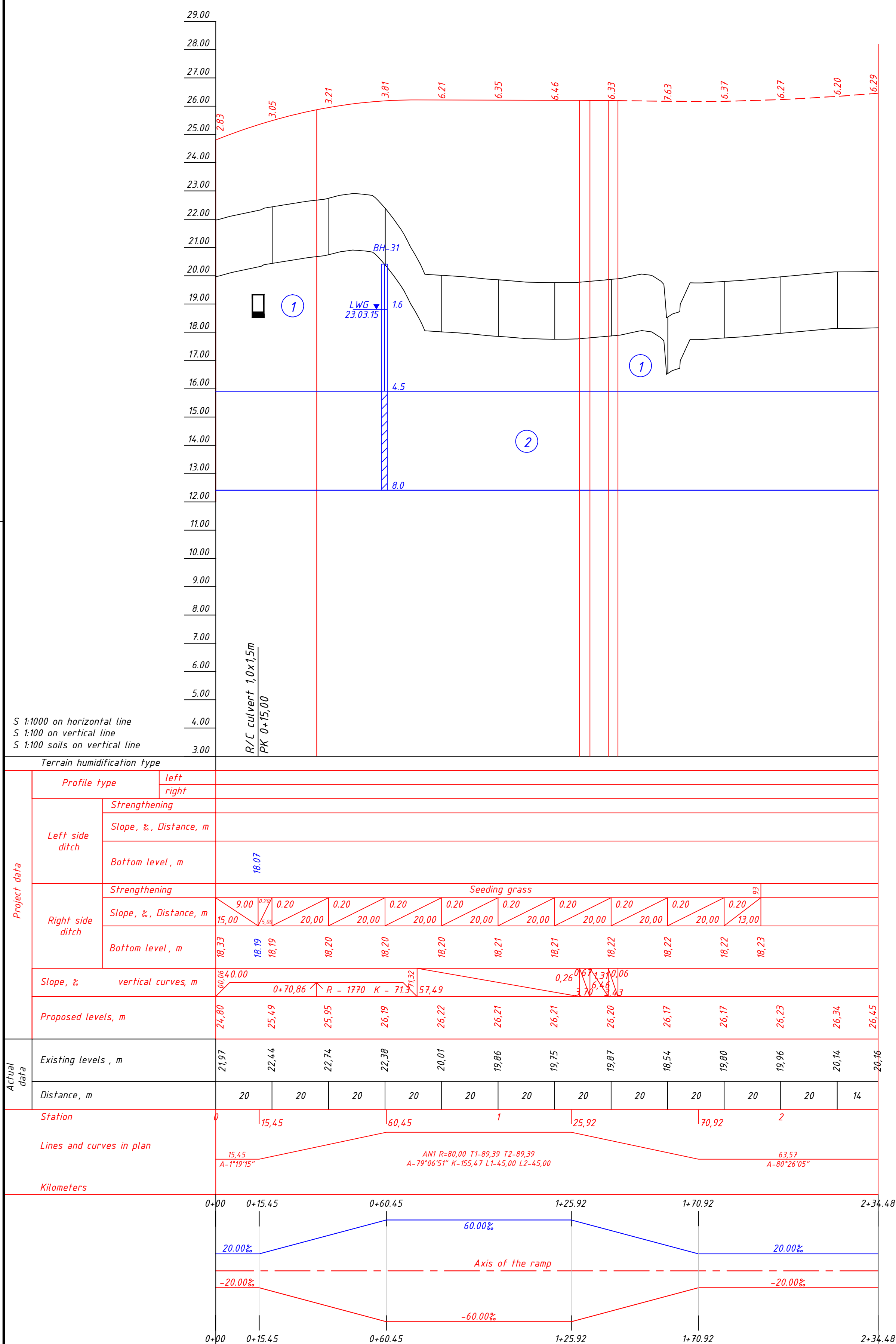
e IV	A	Soil-vegetative layer - loam brown
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t IV	C	Bulk soil - gravel, pebble with sandy loam filler 15-30%
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lb III-IV	5	Clay lightweight dusty, dark grey, firm, with impurity and interlayers peat 10-20% (m=15-20 cm), with lenses and interlayers sand, sandy loam and loam 25-35%
a I-III	6	Gravel and pebble soil, saturated water, dense, with sandy-clay and sandy loam filler 25-35%, with inclusion boulders to 10%



Legend:

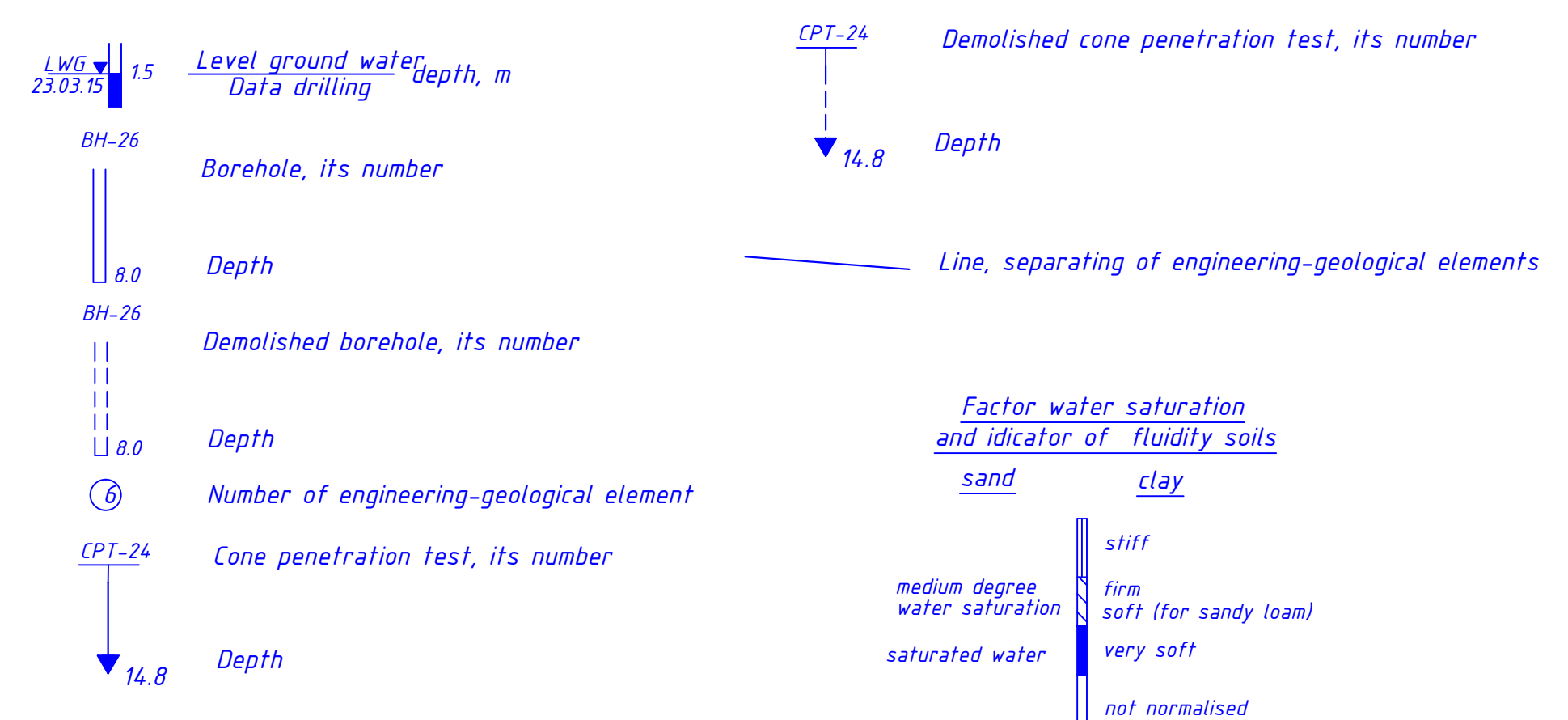
- left edge the roadway
- right edge the roadway

E-60-00-WD-01-H.1-HP.01-P1				Construction of the road Samtredia - Grigoleti km 0 +000 - km 11 +500			
Engineer	R.Hrlander			INTERCHANGE №1 PK 7+00	Stage	Sheet	Sheets
Proj.Manag.	O.Valuikin	05.16			WD		1
Checked by	H.Gorobinskaya	05.16					
Exec. by	M. Lunyakin	05.16		RAMP - D LONGITUDINAL PROFILE PK 0+00 - PK 2+67,40	"Road Building "Altcom" LLC		



Legend

e IV	A	Soil-vegetative layer - loam brown
f IV	B	Bulk soil - sandy loam, loam with gravel and pebble inclusion 15-25%
f IV	C	Bulk soil - gravel, pebble with sandy loam filler 15-30%
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a I-III	6	Gravel and pebble soil, saturated water, dense, with sandy-clay and sandy loam filler 25-35%, with inclusion boulders to 10%



Legend:

 - left edge the roadway

 - right edge the roadway

E - 60-00-WD-01-H.1-HP.01-P1			Construction of the road Samtredia - Grigoleti km 0 +000 - km 11 +500								
	Engineer	R.Hirlander									
	Proj.Manag.	D.Valuikin	05.16								
	Checked by	H.Gorobinskaya	05.16								
	Exec. by	M. Lunyakin	05.16								
			INTERCHANGE №1 PK 7+00		<table><tr><th>Stage</th><th>Sheet</th><th>Sheets</th></tr><tr><td>WD</td><td></td><td>1</td></tr></table>	Stage	Sheet	Sheets	WD		1
			Stage	Sheet	Sheets						
WD		1									
			RAMP - F LONGITUDINAL PROFILE PK 0+00 - PK 2+34,48		<table><tr><td colspan="3"> "Road Building "Altcom" LLC</td></tr></table>	 "Road Building "Altcom" LLC					
			 "Road Building "Altcom" LLC								