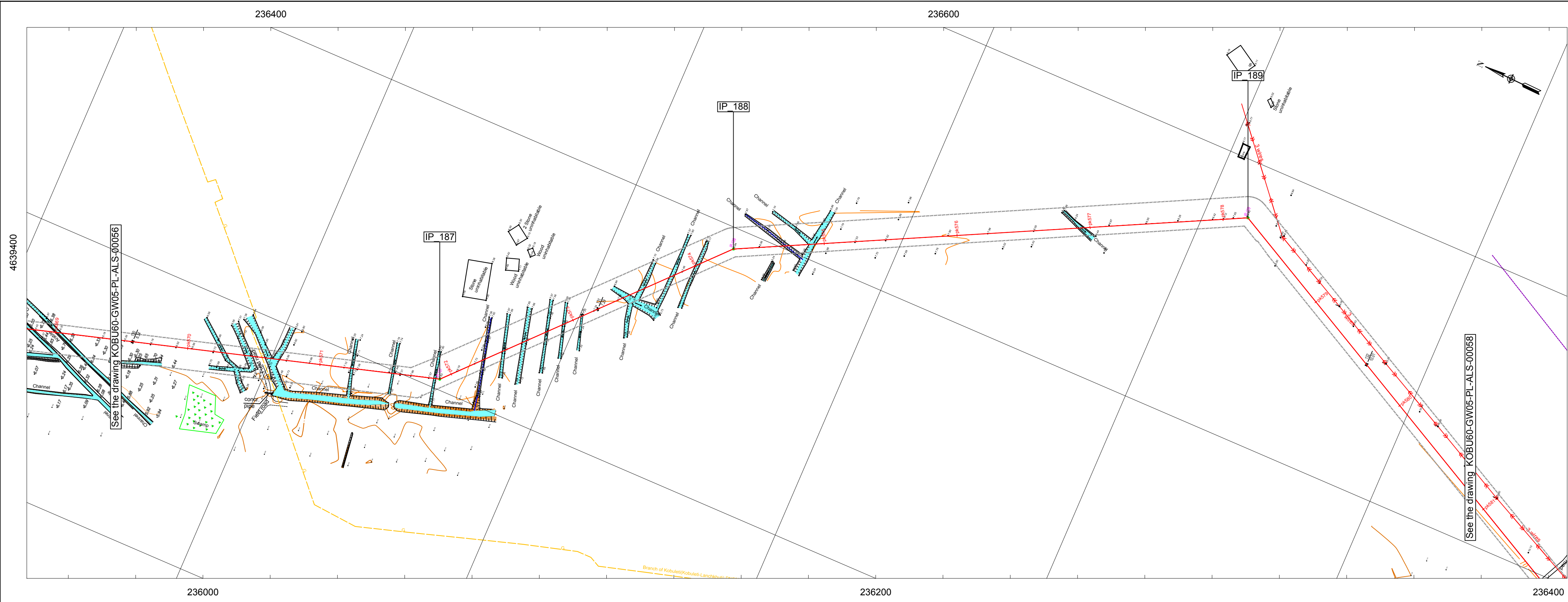
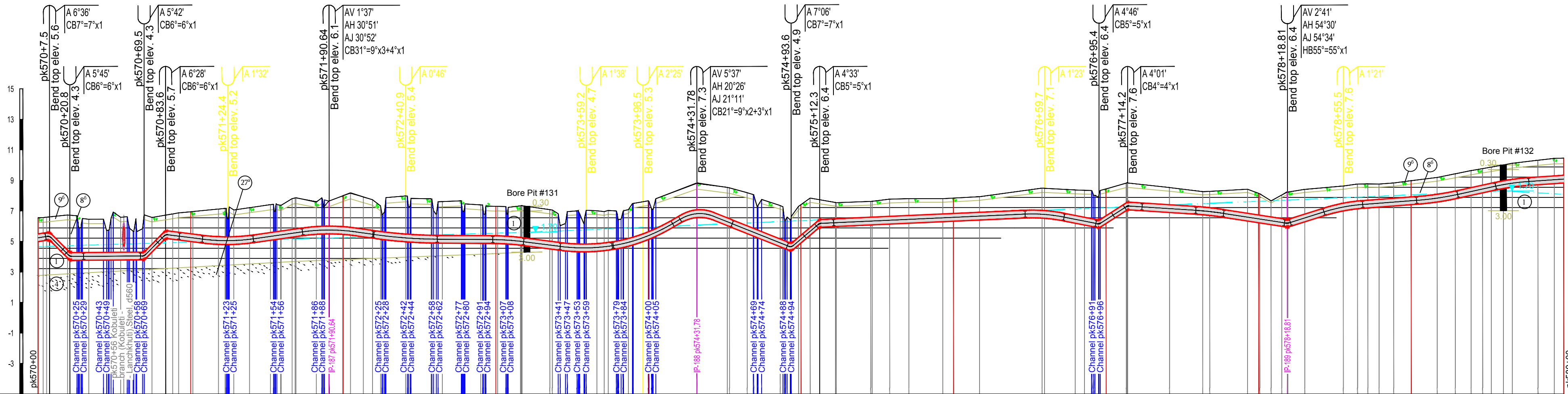




IPs	X	Y	Angle	შენიშვნა / NOTES
IP_187	236207.78	4639077.60	31°	
IP_188	236384.77	4638913.82	20°	
IP_189	236559.17	4638568.13	55°	1. კოორდინატული სისტემა / COORDINATE SYSTEM WGS_1984_UTM_Zone_38N Projection: Transverse_Mercator Linear Unit: Meter Datum: KRONSTADT (BALTIC SEA)
სიმბოლოები / LEGEND				
				- Projected Gas Pipeline
				- Existing Gas Pipeline
				- WREP (Western Route Export Pipeline)
				- ROW
				- Bore pit
				- Borehole
				IP - Intersection point
				AM - Aerial marker post
				MP - Marker post
				CP - Cathodic protection
				AM/CP - Cathodic protection/Aerial marker post
				AV - Vertical Angle
				AH - Horizontal Angle
				AJ - Joint Angle
				A - Angle
				CB - Cold Bend
				HB - Hot Bend
				PTL - Power transmission line
				WP - Water pipeline
				GP - Gas pipeline
				OP - Oil pipeline
				UOC - Fiber-Optic cable
				- Level of underground water
დამატებითი ინფორმაცია / ADDITIONAL INFORMATION				
1. The drawing is read from the left to the right. 2. Dimensions on the drawing are specified in meters. 3. IP 0° does not exist. 4. Standard drawing of Concrete Pipe: KOBUE60-GW05-PL-STD-00001. 5. Standard drawing of Protective unit of underground cable on the pipeline crossing point: KOBUE60-GW05-PL-STD-00002. 6. Standard drawing of Protective casing for DN500 pipelines KOBUE60-GW05-PL-STD-00003. 7. Standard drawing of exiting pipe out of the ground: KOBUE60-GW05-PL-STD-00004. 8. Standard drawing of Concrete Slabs: KOBUE60-GW05-PL-STD-00005 (2500x500x150 mm), KOBUE60-GW05-PL-STD-00006 (2000x1000x120 mm), KOBUE60-GW05-PL-STD-00007 (1500x1000x100 mm). 9. Standard drawing of Marker post (MP) standartuli naxazi: KOBUE60-GW05-PL-STD-00008. 10. Standard drawing of Pipeline marker post (AM): KOBUE60-GW05-PL-STD-00009. 11. Standard drawing of Joint drawing of control - measurement point (CP) and marker post (AM): KOBUE60-GW05-PL-STD-00010. 12. Standard drawing of Install Control measurement post (CP) on pipeline: KOBUE60-GW05-PL-CPR-00009. 13. Valves detailed drawings: KOBUE60-GW05-PL-DTL-00001-00007 (DN500), KOBUE60-GW05-PL-DTL-00009-00013 (DN300).				
გეოლოგია / GEOLOGY				

Abasha

Kobuleti



Piket (PK)	570	571	572	573	574	575	576	577	578	579	580
Ground Elevation , m	625	620	615	610	605	600	595	590	585	580	575
Distance, m	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Depth of Trench, m	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
ROW Width, m	22	22	22	22	22	22	22	22	22	22	22
Category	308 x 8.7 X 82 API ST										
Wall Thickness and Dia	Factory L=999.0 m										
Coating											
Pipeline Protection/Pipe Weights (type, quantity and step(distance))											
Casing Dia xWT, mm Length, m											
Valve											
Pipeline Marks	AM/CP	MP	AM			AM/CP			AM		AM/CP
Above & Underground Communication	GP										
Construction Restriction											
Reference Drawing											

0		(96) Topsoil layer																		
1		(EGE 1) - Clay, brown, without any tabs, density (ρ) 1.88 g/cm³, by "CH4T" IV-2-82 according to the ground belong to the group II, number 8, paragraph "b". Optional reporting impedance R0 = 2.14-2.7 kg/cm² * 0.1 MPa.																		
2		(EGE 2) - Clay, dark gray, rblplastkuri, tsvimartslavani sand layers, with a thickness of 5-10 cm. Tsipigajerebuli, density (ρ) 1.85 g/cm³. Optional reporting impedance R0 = 1.6-2.2 kg/cm² * 0.1 MPa. By "CH4T" IV-2-82 the ground belongs to the group II, number 8, paragraph "b".																		
3		(EGE 3) - Clay-sand, dark gray, fine-grained, homogeneous, plastic, 5-10 cm thick layers of fine-grained sand. Density (ρ) 1.67 g/cm³, conditional calculating impedance R0 = 1.6-1.8 kg/cm² * 0.1 mpa. By "CH4T" IV-2-82 ground belong to the group I, number 34, paragraph "a".																		
4		(EGE 4) - Sand, dark gray, fine-grained, high-density tsipigajerebuli, conditional processing complexity calculating impedance R0=1.50kg/cm²*0.1MPa. By "CH4T" IV-2-82 according to the ground belong to the group I, number 27, paragraph "a".																		
5		(EGE 5) - Gravel soil, sand shemavsebi, tsipigajerebuli, optional reporting of resistance R0 = 5.50 kg/cm² * 0.1 mpa. Processing complexity by "CH4T" IV-2-82 according to the soil belongs to the group II, number 6, paragraph "a".																		
6		(24*) - Made ground. Difficulty processing by ground belongs to the group II, by "CH4T" IV-5-82.																		
<table><tr><td>შენიშვნა/შენიშვნა POSITION</td><td>პირი, სახელი NAME</td><td>ხელმოწერა, SIGN</td></tr><tr><td>Approved by</td><td>A. Dekanosidze</td><td></td></tr><tr><td>Checked by</td><td>N. Beruchashvili</td><td></td></tr><tr><td>Checked by</td><td>T. Javakhishvili</td><td></td></tr><tr><td>Processed by</td><td>Ts. Maghlakelidze</td><td></td></tr><tr><td>Drawn by</td><td>I. Eliseevi</td><td></td></tr></table>			შენიშვნა/შენიშვნა POSITION	პირი, სახელი NAME	ხელმოწერა, SIGN	Approved by	A. Dekanosidze		Checked by	N. Beruchashvili		Checked by	T. Javakhishvili		Processed by	Ts. Maghlakelidze		Drawn by	I. Eliseevi	
შენიშვნა/შენიშვნა POSITION	პირი, სახელი NAME	ხელმოწერა, SIGN																		
Approved by	A. Dekanosidze																			
Checked by	N. Beruchashvili																			
Checked by	T. Javakhishvili																			
Processed by	Ts. Maghlakelidze																			
Drawn by	I. Eliseevi																			
შენიშვნა DATE	13/04/16	02/06/16	16/06/16	27/06/16																
შენიშვნა, № Rev.No	A04	A05	A06	C01																

საქართველოს ნავთობისა და გაზის კორპორაცია
Georgian Oil & Gas Corporation

East-West Gas Main Pipeline

Kobuleti Branch

Gas pipeline area pk 570+00 - pk 580+00

Plan and Profile

მასშტაბი(A1): / SCALE (A1): Hor. 1:2000; Vert. 1:200 კოორდ. 1:2000; შიგნით. 1:200			
ნახაზის № /DCC No:		ფურცელი/ფურცელი SHEET	შენიშვნა, № Rev.No
KOBUE60-GW05-PL-ALS-00057		57(60)	C01