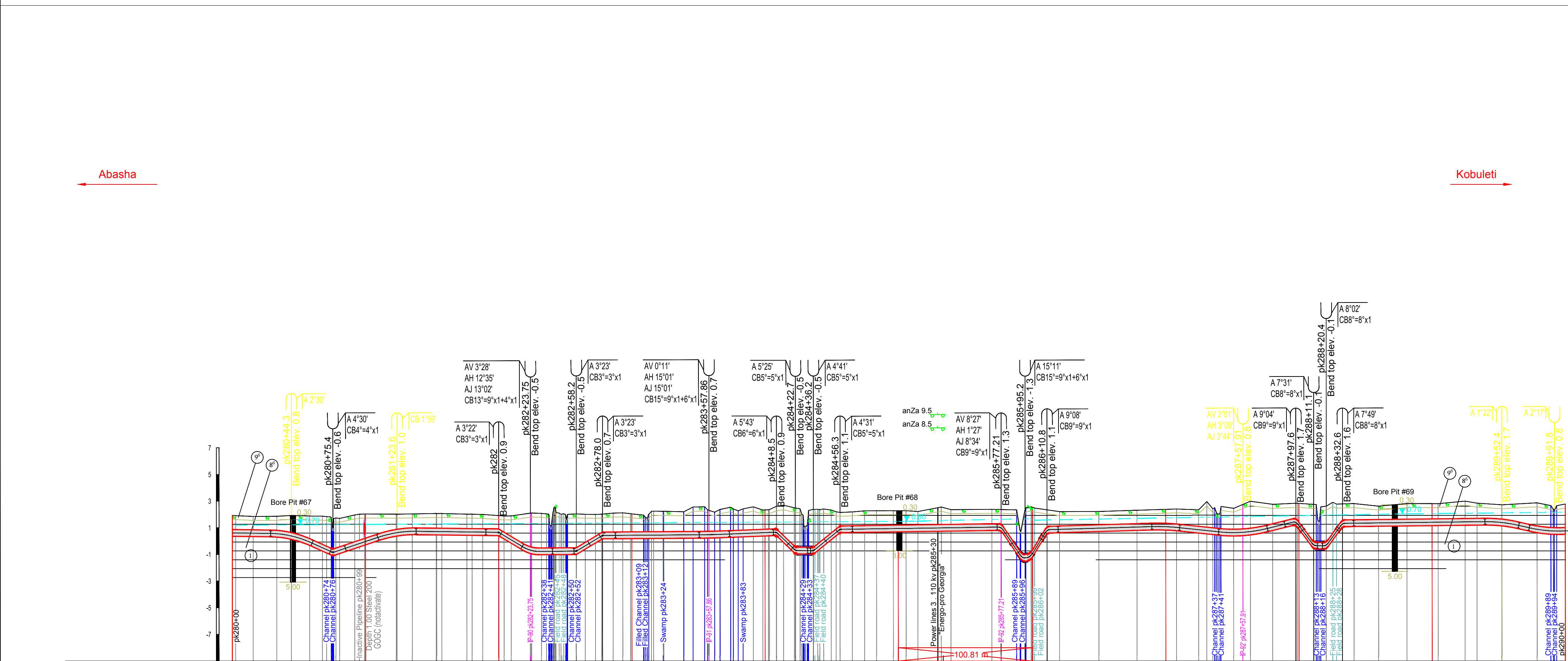
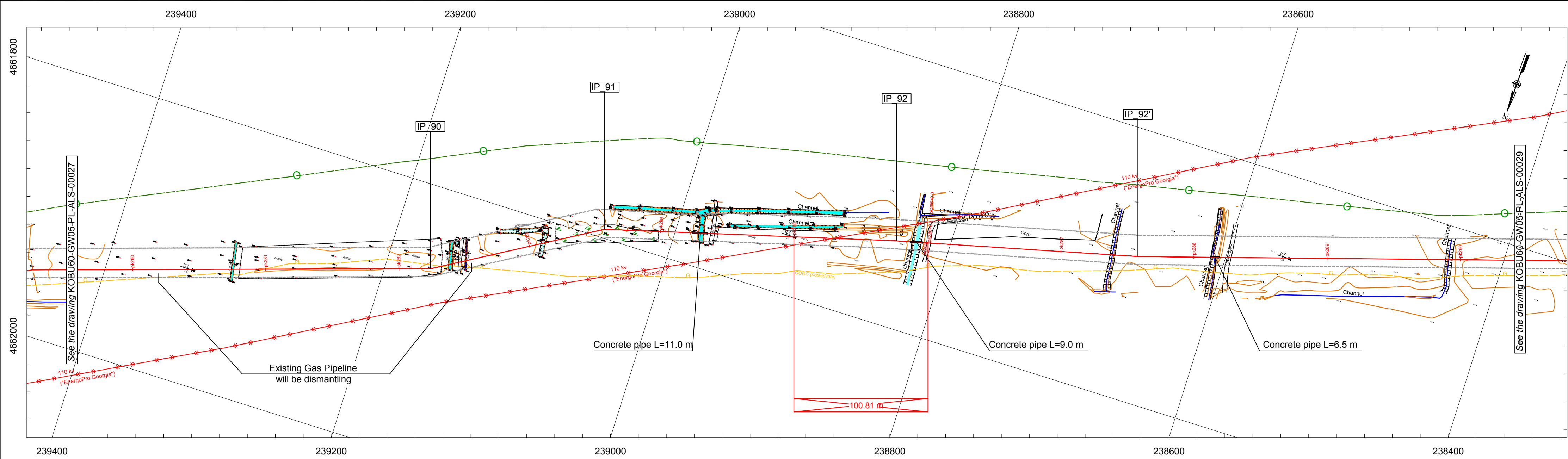




Piket (PK)	280	281	282	283	284	285	286	287	288	289	290
Ground Elevation , m	1.3	1.5	1.6	1.8	2.0	2.1	2.2	2.3	2.4	2.5	2.6
Distance, m	44.3	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
Depth of Trench, m	1.3	1.5	1.6	1.8	2.0	2.1	2.2	2.3	2.4	2.5	2.6
ROW Width, m	22	22	22	22	22	22	22	22	22	22	22
Category	Factory	Concrete pipe	Concrete pipe	Concrete pipe	Concrete pipe	Concrete pipe	Concrete pipe	Concrete pipe	Concrete pipe	Concrete pipe	Concrete pipe
Wall Thickness and Dia	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Coating	Protector, 2 pcs	Protector, 2 pcs	Protector, 2 pcs	Protector, 2 pcs	Protector, 2 pcs	Protector, 2 pcs	Protector, 2 pcs	Protector, 2 pcs	Protector, 2 pcs	Protector, 2 pcs	Protector, 2 pcs
Pipeline Protection/Pipe Weights (type, quantity and step(distance))	Factory L=1001.5 m	Concrete pipe L=11.0 m	Concrete pipe L=9.0 m	Concrete pipe L=6.5 m	Concrete pipe L=6.5 m	Concrete pipe L=6.5 m	Concrete pipe L=6.5 m	Concrete pipe L=6.5 m	Concrete pipe L=6.5 m	Concrete pipe L=6.5 m	Concrete pipe L=6.5 m
Casing Dia xWT, mm Length, m	1000 x 1000	1000 x 1000	1000 x 1000	1000 x 1000	1000 x 1000	1000 x 1000	1000 x 1000	1000 x 1000	1000 x 1000	1000 x 1000	1000 x 1000
Valve											
Pipeline Marks	AM/CP	MP	MP	MP	MP	MP	MP	MP	MP	MP	AM/CP
Above & Underground Communication		GP									
Construction Restriction											
Reference Drawing											

IPs	X	Y	Angle	შენიშვნა / NOTES
IP_90	239166.97	4661860.79	13°	1. კოორდინატული სისტემა / COORDINATE SYSTEM
IP_91	239051.07	4661793.31	15°	WGS_1984_UTM_Zone_38N
IP_92	238839.39	4661735.8	1°	Projection: Transverse_Mercator
IP_92'	238663.09	4661692.65	3°	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				
- The drawing is read from the left to the right. - Dimensions on the drawing are specified in meters. - IP 0° does not exist. - Standard drawing of Concrete Pipe: KOBUE60-GW05-PL-STD-00001. - Standard drawing of Protective unit of underground cable on the pipeline crossing point: KOBUE60-GW05-PL-STD-00002. - Standard drawing of Protective casing for DN500 pipelines KOBUE60-GW05-PL-STD-00003. - Standard drawing of exiting pipe out of the ground: KOBUE60-GW05-PL-STD-00004. - 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). - Standard drawing of Marker post (MP) standartuli nazaxi: KOBUE60-GW05-PL-STD-00008. - Standard drawing of Pipeline marker post (AM): KOBUE60-GW05-PL-STD-00009. - Standard drawing of Joint drawing of control - measurement point (CP) and marker post (AM): KOBUE60-GW05-PL-STD-00010. - Standard drawing of Install Control measurement post (CP) on pipeline: KOBUE60-GW05-PL-CPR-00009. - Valves detailed drawings: KOBUE60-GW05-PL-DTL-00001-00007 (DN500), KOBUE60-GW05-PL-DTL-00009-000013 (DN300).				
გეოლოგია / GEOLOGY				
(06) Topsoil layer (E0E 1) - Clay, brown, without any tabs, density (ρ) 1.88 g/cm³, by "CHWT" IV-2-82 according to the ground belongs to the group I, number 8, paragraph "b". Optional reporting impedance R0 = 2.14-2.7 kg/cm² > 0.1 MPa. (E0E 2) - Clay, dark gray, rblplastkuri, tsvimartalovani sand layers, with a thickness of 5-10 cm. Tsipigajerebuli, density (ρ) 1.85 g/cm³. Optional reporting impedance R0 = 1.5-2.2 kg/cm² > 0.1 MPa. By "CHWT" IV-2-82 the ground belongs to the group I, number 8, paragraph "b". (E0E 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 = 1.5-1.8 kg/cm² > 0.1 MPa. By "CHWT" IV-2-82 according to the ground belongs to the group I, number 27, paragraph "a". (E0E 4) - Sand, dark gray, fine-grained, high-density tsipigajerebuli, conditional processing complexity calculating impedance R0=1.50kg/cm²>0.1MPa. By "CHWT" IV-2-82 according to the ground belongs to the group I, number 27, paragraph "a". (E0E 5) - Gravel soil, sand shemavsebi, tsipigajerebuli, optional reporting of resistance R0 = 5.50 kg/cm² > 0.1 mpa. Processing complexity by "CHWT" IV-2-82 according to the soil belongs to the group II, number 6, paragraph "a". (24') - Made ground. Difficulty processing by ground belongs to the group II, by "CHWT" IV-5-82.				
თანამშრომლობა / POSITION	გვარის, სახელის / NAME	სივრცითი / SIGN		
Approved by	A. Dekanosidze			
Checked by	N. Beruchashvili			
Checked by	T. Javakhishvili			
Processed by	Ts. Maghlakelidze			
Drawn by	I. Eliseevi			
თარიღი / DATE	27/01/16	20/04/16	08/06/16	22/06/16
გვ. № / Rev.No	A04	A05	A06	C01
საქართველოს ნავთობის და გაზის კორპორაცია Georgian Oil & Gas Corporation				
East-West Gas Main Pipeline Kobuleti Branch				
Gas pipeline area pk 280+00 - pk 290+00 Plan and Profile				
მასშტაბი(A1): / SCALE (A1): Hor. 1:2000; Vert. 1:200 კოორდ. სისტემა: / COORD. SYSTEM: WGS_1984_UTM_Zone_38N				
გვ. № / DCC No:		ფურცლის / SHEET	გვ. № / Rev.No	
KOBUE60-GW05-PL-ALS-00028		28(60)	C01	