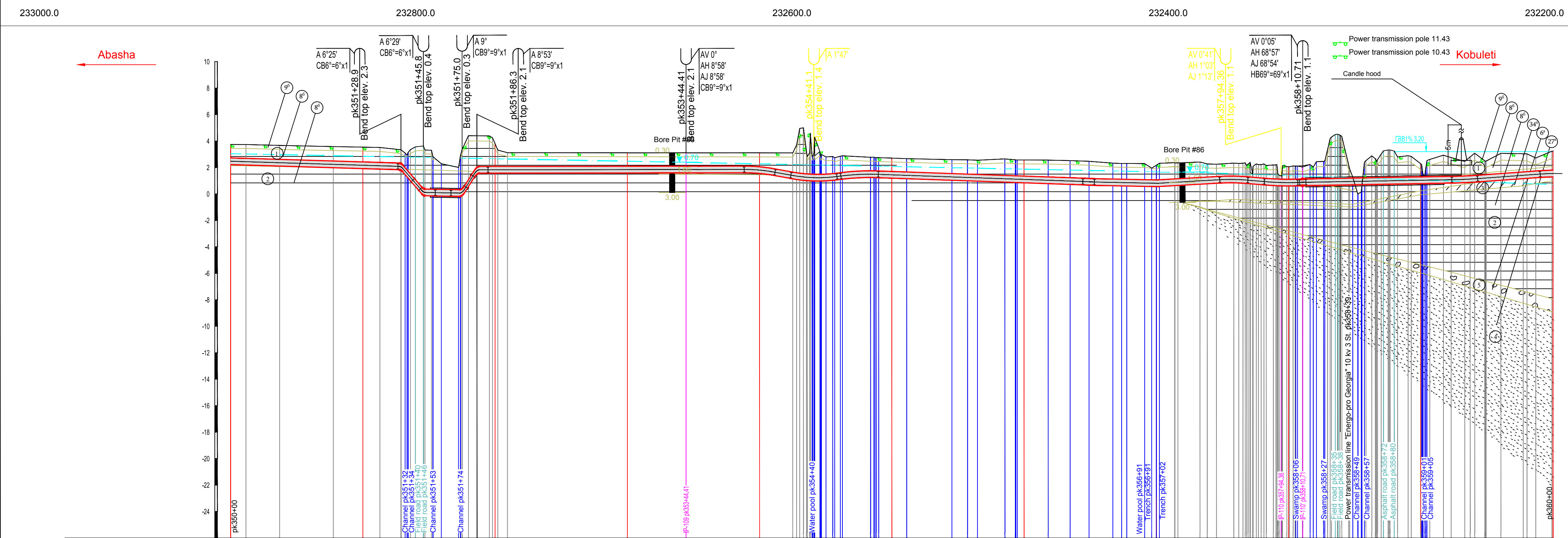
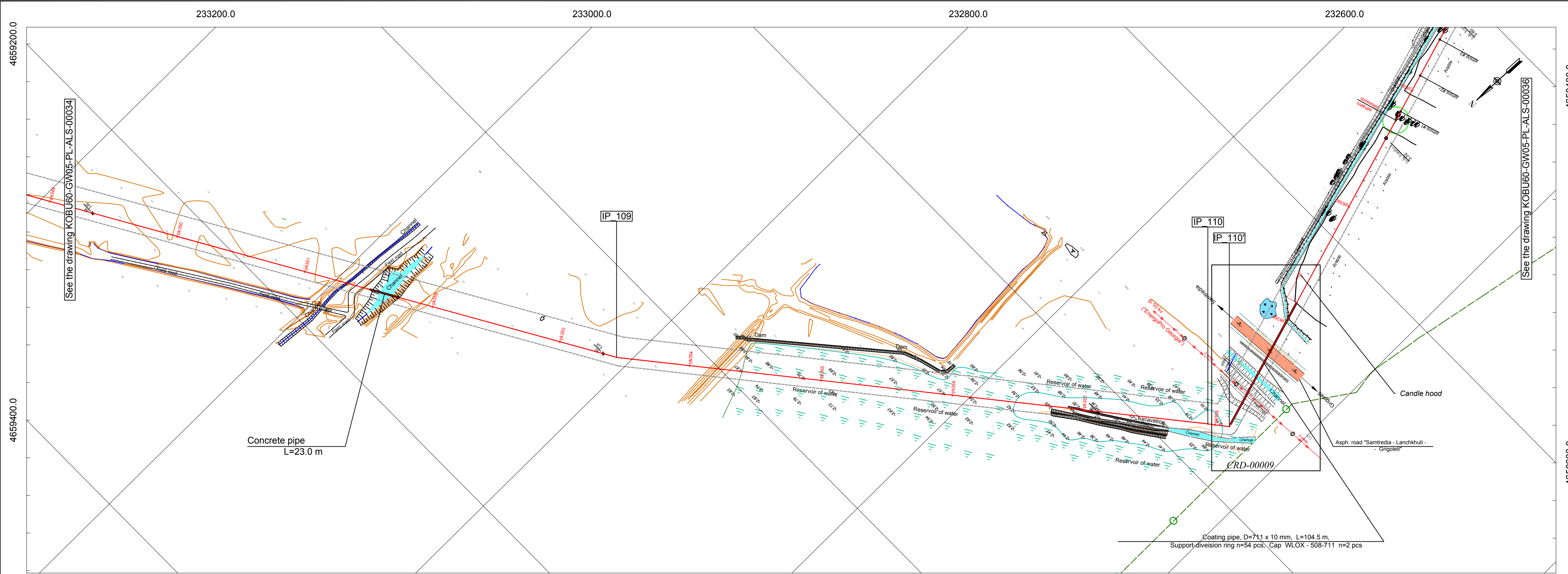




Piket (PK)	350	351	352	353	354	355	356	357	358	359	360
Ground Elevation , m	37.4	35.4	32.8	31.1	31.1	31.1	22.7	22.9	22.7	22.7	22.4
Distance, m	128.9	0.003	3.0	213.7	41.1	0.019	34.6	224.4	0.003	2.7	66.8
Depth of Trench, m	1.5	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
ROW Width, m							22 m				
Category											
Wall Thickness and Dia							308 x 8.7 X52 API 5L				
Coating							Factory L=999.9 m				
Pipeline Protection/Pipe Weights (type, quantity and step(distance))											
Casing Dia xWT, mm Length, m											
Valve											
Pipeline Marks	AM/CP		MP	MP		AM		MP	AM/CP	CP	MP
Above & Underground Communication											
Construction Restriction											
Reference Drawing											

IPs	X	Y	Angle	შენიშვნა / NOTES
IP_109	232809.25	4659049.24	9°	1. კოორდინატის სისტემა / COORDINATE SYSTEM
IP_110	232459.20	4658766.54	1°	WGS_1984_UTM_Zone_38N
IP_110'	232446.29	4658756.51	69°	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 nazaxi: 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		
0	(96) Topsoil layer	
1	(EGE 1) - Clay, brown, without any tabs, density (ρ) 1.88 g/cm³, by "CHMT" IV-2-82 according to the ground belongs 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, rlpplasturi, tsvimartalovani sand layers, with a thickness of 5-10 cm. Tsipalajerebuli, density (ρ) 1.85 g/cm³. Optional reporting impedance R0 = 1.6-2.0 kg/cm² > 0.1 MPa. By "CHMT" 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 "CHMT" IV-2-82 according to the ground belongs to the group I, number 34, paragraph "a".	
4	(EGE 4) - Sand, dark gray, fine-grained, high-density tsipalajerebuli, conditional processing complexity calculating impedance R0=1.50kg/cm²>0.1MPa. By "CHMT" IV-2-82 according to the ground belongs to the group I, number 27, paragraph "a".	
5	(EGE 5) - Gravel soil, sand shemavsebi, tsipalajerebuli, optional reporting of resistance R0 = 5.50 kg/cm² > 0.1 mpa. Processing complexity by "CHMT" 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 "CHMT" IV-5-82.	
თანამშრომლობა POSITION	გვარი, სახელი NAME	ხელმოწერა SIGN
Approved by	A. Dekanosidze	
Checked by	N. Beruchashvili	
Checked by	T. Javakhishvili	
Processed by	Ts. Maghlakelidze	
Drawn by	I. Eliseevi	
თარიღი DATE	20/04/16	17/05/16
ფურცელი № Rev.No	A07	A08
	A09	C01

საქართველოს ნავთობის და გაზის კორპორაცია
Georgian Oil & Gas Corporation

East-West Gas Main Pipeline
Kobuleti Branch

Gas pipeline area pk 350+00 - pk 360+00
Plan and Profile

მასშტაბი(A1): / SCALE (A1): Hor. 1:2000; Vert. 1:200
კოორდ. სისტემა: WGS 1984
პროექტირების სკალირება: 1:2000; 3:1600; 1:200

განმარტების № / DCC No: 35(60) გვერდი № / Rev.No: C01