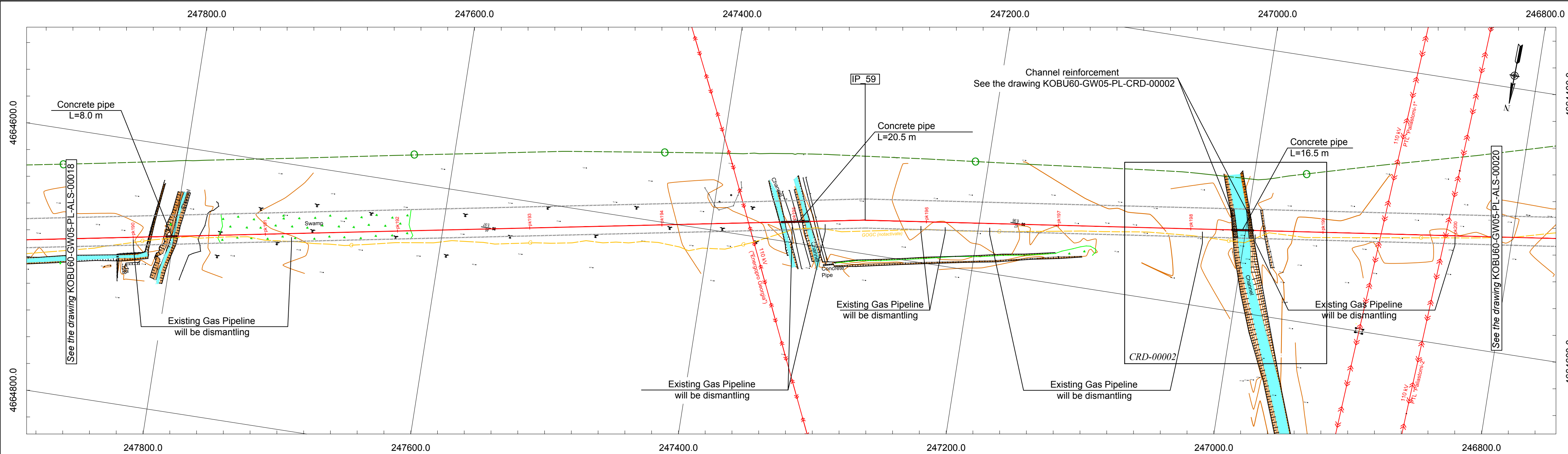
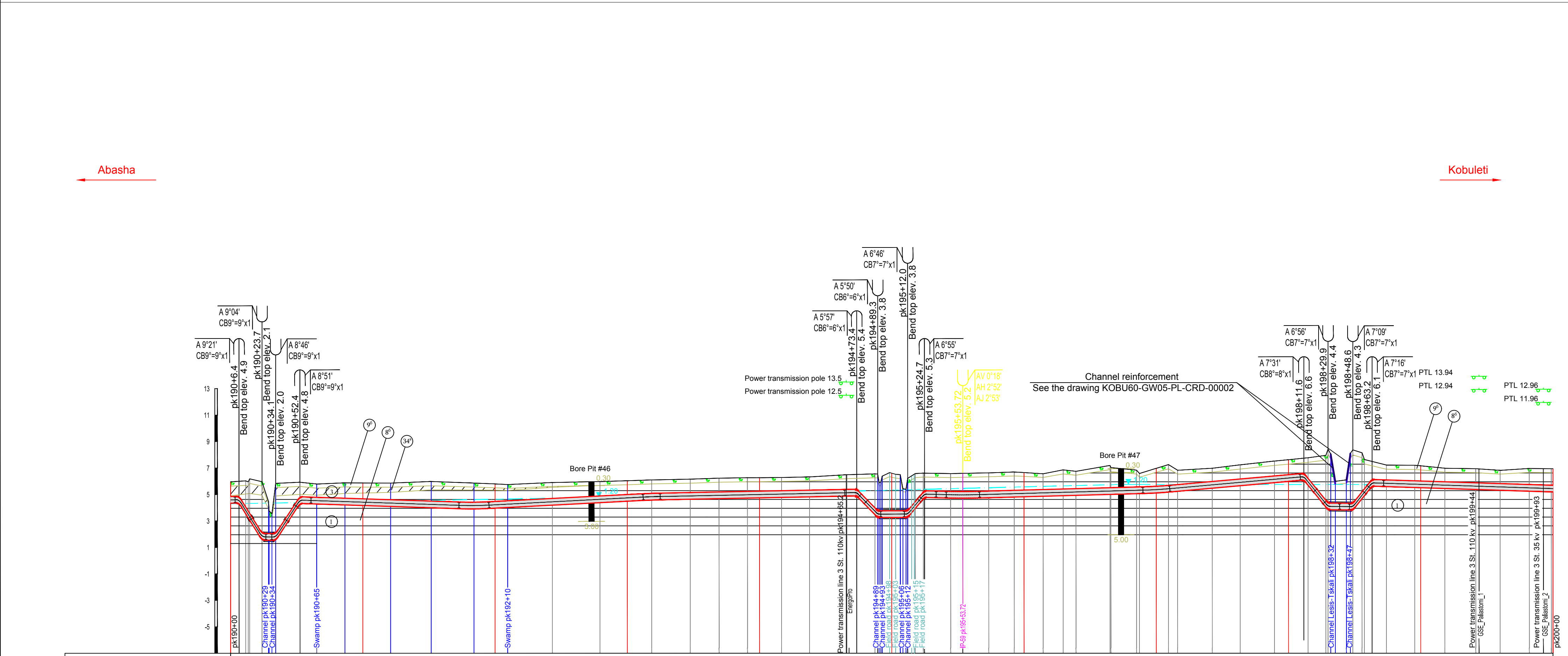
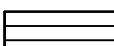
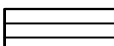
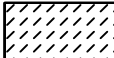
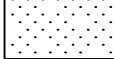
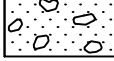
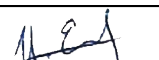




IPs	X	Y	Angle	შენიშვნა / NOTES
IP_59	247285.50	4664574.69	3°	1. კოორდინატების სისტემა / COORDINATE SYSTEM WGS_1984_UTM_Zone_38N Projection: Transverse_Mercator Linear Unit: Meter Datum: KRONSTADT (BALTIC SEA)
შენიშვნა / LEGEND				- Projected Gas Pipeline - Existing Gas Pipeline - WREP (Western Route 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) standardul 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-00009-00013 (DN300).



გეოლოგია / GEOLOGY				
0		(96) Topsoil layer		
1		(EGE 1) - Clay, brown, without any tabs, density (ρ) 1.88 g/cm ³ , 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/cm ² > 0.1 MPa.		
2		(EGE 2) - Clay, dark gray, rblplastkuri, tsvimartalsovani sand layers, with a thickness of 5-10 cm. Tsipigajerebuli, density (ρ) 1.85 g/cm ³ . Optional reporting impedance R0 = 1.55-2.0 kg/cm ² > 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/cm ³ , conditional calculating impedance R0 = 1.6-1.8 kg/cm ² > 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 tsipigajerebuli, conditional processing complexity calculating impedance R0=1.50kg/cm ² >0.1MPa. By "CHMT" 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/cm ² > 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		სახელი, სახელწოდება NAME	სიწმინდე SIGN	
Approved by		A. Dekanosidze		
Checked by		N. Beruchashvili		
Checked by		T. Javakhishvili		
Processed by		Ts. Maghlaelidze		
Drawn by		I. Eliseevi		
თარიღი DATE	25/01/16	10/03/16	08/06/16	22/06/16
შპს, № Rev.No	A05	A06	A07	C01

Piket (PK)	190	191	192	193	194	195	196	197	198	199	200
Ground Elevation , m	10.36	10.32	10.32	10.32	10.32	10.32	10.32	10.32	10.32	10.32	10.32
Distance, m	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Depth of Trench, m	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
ROW Width, m	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
Category	Category 1	Category 1	Category 1	Category 1	Category 1	Category 1	Category 1	Category 1	Category 1	Category 1	Category 1
Wall Thickness and Dia	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
Coating	Concrete pipe L=8.0 m	Concrete pipe L=8.0 m	Concrete pipe L=8.0 m	Concrete pipe L=8.0 m	Concrete pipe L=8.0 m	Concrete pipe L=8.0 m	Concrete pipe L=8.0 m	Concrete pipe L=8.0 m	Concrete pipe L=8.0 m	Concrete pipe L=8.0 m	Concrete pipe L=8.0 m
Pipeline Protection/Pipe Weights (type, quantity and step/distance)	Factory L=1000.8 m	Factory L=1000.8 m	Factory L=1000.8 m	Factory L=1000.8 m	Factory L=1000.8 m	Factory L=1000.8 m	Factory L=1000.8 m	Factory L=1000.8 m	Factory L=1000.8 m	Factory L=1000.8 m	Factory L=1000.8 m
Casing Dia xWT, mm Length, m	405 x 10.0	405 x 10.0	405 x 10.0	405 x 10.0	405 x 10.0	405 x 10.0	405 x 10.0	405 x 10.0	405 x 10.0	405 x 10.0	405 x 10.0
Valve											
Pipeline Marks	AM/CP	MP	MP	MP	MP	MP	MP	MP	MP	MP	AM/CP
Above & Underground Communication											
Construction Restriction											
Reference Drawing											



საქართველოს ნავთობის და გაზის კორპორაცია
Georgian Oil & Gas Corporation

East-West Gas Main Pipeline Kobuleti Branch

Gas pipeline area pk 190+00 - pk 200+00
Plan and Profile

მასშტაბი(A1): / SCALE (A1): Hor.1:2000; Vert. 1:200 ჰორ. 1:2000; ვერტ. 1:200		
შანსების № /DCC No:	ფურცელი SHEET	რევიზია Rev.No
	19(60)	C01
KOBU60-GW05-PL-ALS-00019		