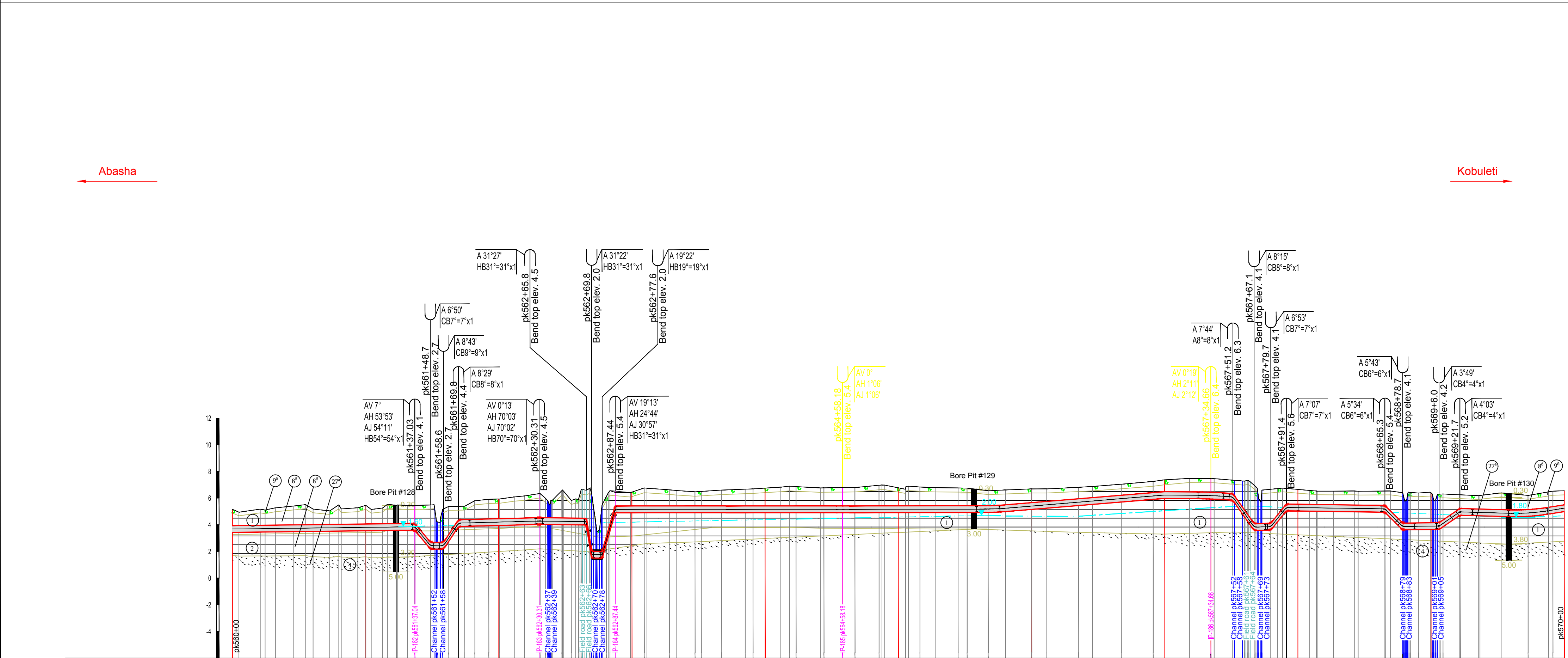
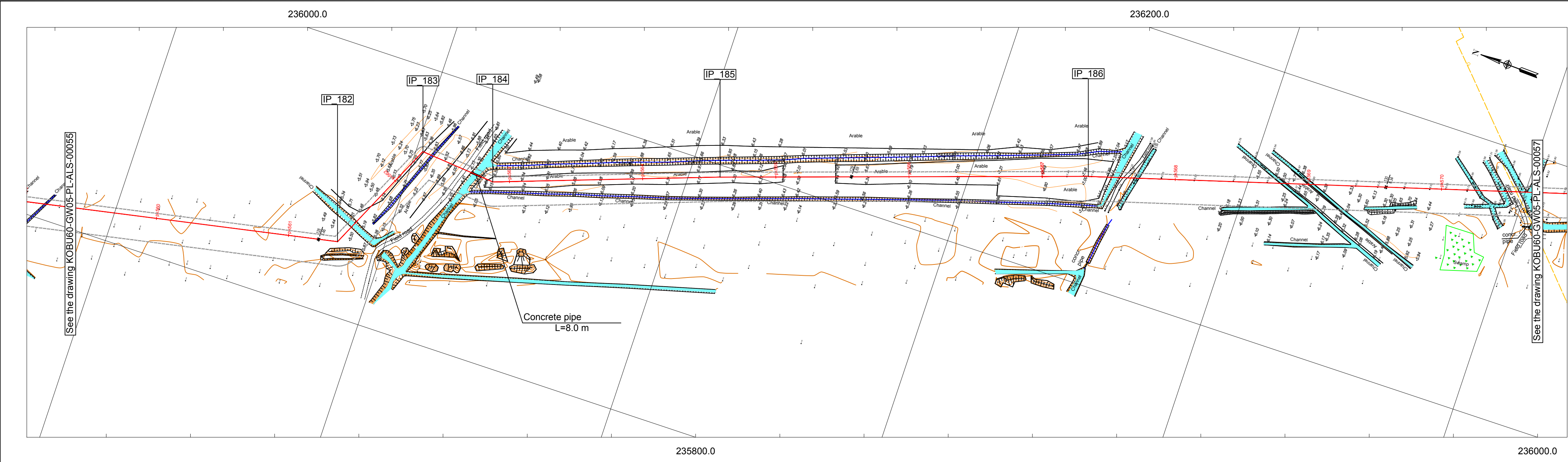




Piket (PK)	560	561	562	563	564	565	566	567	568	569	570
Ground Elevation , m	56.16	56.46	56.45	56.53	56.34	56.55	56.78	56.77	56.69	56.65	56.53
Distance, m	Slope	0.001	0.001	0.003	0.003	0.005	0.005	0.004	0.004	0.004	0.007
Depth of Trench, m	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
ROW Width, m	22	22	22	22	22	22	22	22	22	22	22
Category	Category	Category	Category	Category	Category	Category	Category	Category	Category	Category	Category
Wall Thickness and Dia	Wall Thickness and Dia	Wall Thickness and Dia	Wall Thickness and Dia	Wall Thickness and Dia	Wall Thickness and Dia	Wall Thickness and Dia	Wall Thickness and Dia	Wall Thickness and Dia	Wall Thickness and Dia	Wall Thickness and Dia	Wall Thickness and Dia
Coating	Coating	Coating	Coating	Coating	Coating	Coating	Coating	Coating	Coating	Coating	Coating
Pipeline Protection/Pipe Weights (type, quantity and step(distance))	Pipeline Protection/Pipe Weights (type, quantity and step(distance))	Pipeline Protection/Pipe Weights (type, quantity and step(distance))	Pipeline Protection/Pipe Weights (type, quantity and step(distance))	Pipeline Protection/Pipe Weights (type, quantity and step(distance))	Pipeline Protection/Pipe Weights (type, quantity and step(distance))	Pipeline Protection/Pipe Weights (type, quantity and step(distance))	Pipeline Protection/Pipe Weights (type, quantity and step(distance))	Pipeline Protection/Pipe Weights (type, quantity and step(distance))	Pipeline Protection/Pipe Weights (type, quantity and step(distance))	Pipeline Protection/Pipe Weights (type, quantity and step(distance))	Pipeline Protection/Pipe Weights (type, quantity and step(distance))
Casing Dia xWT, mm Length, m	Casing Dia xWT, mm Length, m	Casing Dia xWT, mm Length, m	Casing Dia xWT, mm Length, m	Casing Dia xWT, mm Length, m	Casing Dia xWT, mm Length, m	Casing Dia xWT, mm Length, m	Casing Dia xWT, mm Length, m	Casing Dia xWT, mm Length, m	Casing Dia xWT, mm Length, m	Casing Dia xWT, mm Length, m	Casing Dia xWT, mm Length, m
Valve	Valve	Valve	Valve	Valve	Valve	Valve	Valve	Valve	Valve	Valve	Valve
Pipeline Marks	AM/CP	AM	AM	AM	CP	MP	MP	MP	MP	AM/PC	
Above & Underground Communication	Above & Underground Communication	Above & Underground Communication	Above & Underground Communication	Above & Underground Communication	Above & Underground Communication	Above & Underground Communication	Above & Underground Communication	Above & Underground Communication	Above & Underground Communication	Above & Underground Communication	Above & Underground Communication
Construction Restriction	Construction Restriction	Construction Restriction	Construction Restriction	Construction Restriction	Construction Restriction	Construction Restriction	Construction Restriction	Construction Restriction	Construction Restriction	Construction Restriction	Construction Restriction
Reference Drawing	Reference Drawing	Reference Drawing	Reference Drawing	Reference Drawing	Reference Drawing	Reference Drawing	Reference Drawing	Reference Drawing	Reference Drawing	Reference Drawing	Reference Drawing

IPs	X	Y	Angle
IP_182	235854.33	4640034.33	54°
IP_183	235938.86	4639994.88	70°
IP_184	235933.81	4639937.97	25°
IP_185	235991.25	4639777.19	1°
IP_186	236079.23	4639515.08	2°

შპს "გეოგაზი" / NOTES

1. კოორდინატების სისტემა / COORDINATE SYSTEM

WGS_1984_UTM_Zone_38N

Projection: Transverse_Mercator

Linear Unit: Meter

Datum: KRONSTADT (BALTIC SEA)

სიმბოლოები და ნიშნები / 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) standartul 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

- (96) Topsoil layer
- (EGE 1) - Clay, brown, without any tabs, density (ρ) 1.88 g/cm³, by "CH4IT" 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.
- (EGE 2) - Clay, dark gray, rblplastkuri, tsavimartalovani sand layers, with a thickness of 5-10 cm. Tsqalgajerebuli, density (ρ) 1.85 g/cm³, optional reporting impedance R0 = 1.5-2.0 kg/cm² > 0.1 MPa. By "CH4IT" IV-2-82 the ground belongs to the group I, number 8, paragraph "b".
- (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 "CH4IT" IV-2-82 according to the ground belongs to the group I, number 27, paragraph "a".
- (EGE 4) - Sand, dark gray, fine-grained, high-density tsqalgajerebuli, conditional processing complexity calculating impedance R0 = 1.50 kg/cm² > 0.1 MPa. By "CH4IT" IV-2-82 according to the ground belongs to the group I, number 27, paragraph "a".
- (EGE 5) - Gravel soil, sand shemavisebi, tsqalgajerebuli, optional reporting of resistance R0 = 5.50 kg/cm² > 0.1 MPa. Processing complexity by "CH4IT" 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 "CH4IT" IV-5-82.

თანამშრომლობის პოზიცია	გვარი, სახელი	ნიშნები
POSITION	NAME	SIGN
Approved by	A. Dekanosidze	
Checked by	N. Beruchashvili	
Checked by	T. Javakhishvili	
Processed by	Ts. Maghlakelidze	
Drawn by	I. Elisevi	

თარიღი	20/04/16	01/06/16	15/06/16	27/06/16
DATE	20/04/16	01/06/16	15/06/16	27/06/16
გვ. №	A04	A05	A06	C01
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 560+00 - pk 570+00
Plan and Profile

მასშტაბი(A1): / SCALE (A1): Hor. 1:2000; Vert. 1:200
ჰორ. 1:2000; ვერ. 1:200

განახლების № / DCC No:	ფურცლის № / SHEET	გვ. № / Rev.No
KOBUE60-GW05-PL-ALS-00056	56(60)	C01