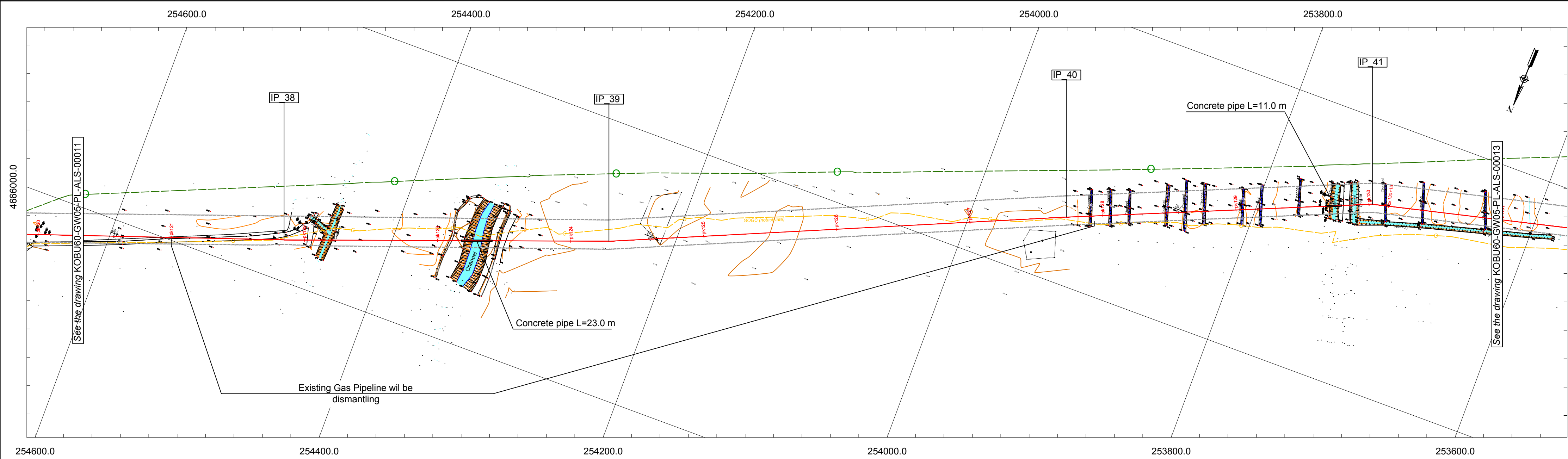
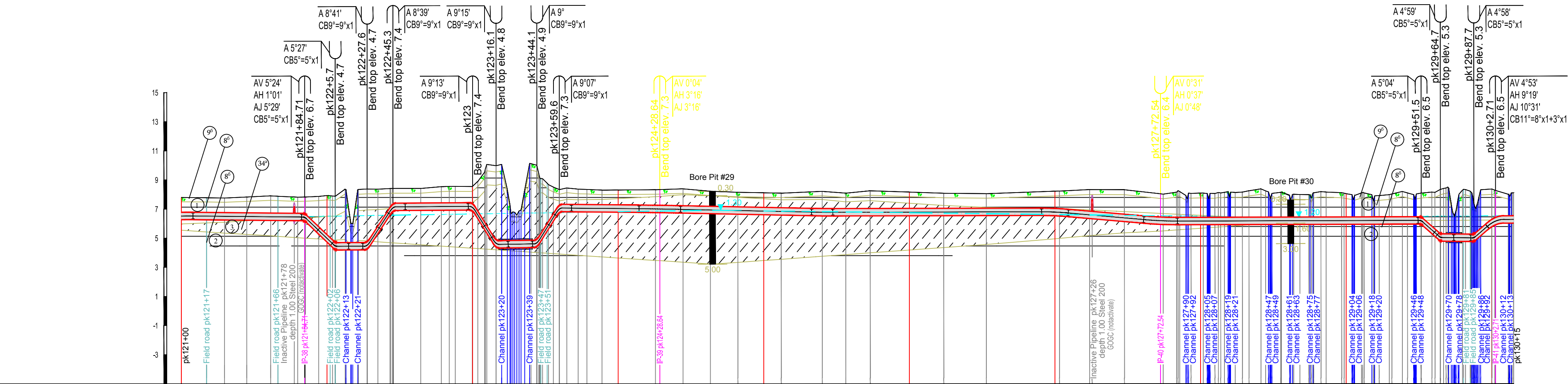


Abasha

Kobuleti



Piket (PK)	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135
Ground Elevation , m	7.80	7.78	7.78	7.80	7.83	7.83	7.83	7.83	7.83	7.83	7.83	7.83	7.83	7.83	7.83
Distance, m	0.0	84.7	21.0	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
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	1.5	1.5	1.5	1.5
ROW Width, m	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Category	Field road	Field road	Field road	Field road	Field road	Field road	Field road	Field road	Field road	Field road	Field road	Field road	Field road	Field road	Field road
Wall Thickness and Dia	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Coating	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Pipeline Protection/Pipe Weights (type, quantity and step(distance))	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Casing Dia xWT, mm Length, m	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Valve	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Pipeline Marks	MP	MP	MP	MP	MP	MP	MP	MP	MP	MP	MP	MP	MP	MP	MP
Above & Underground Communication	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP
Construction Restriction	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Reference Drawing	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5

IPs	X	Y	Angle	შენიშვნა / NOTES	
IP_38	254476.17	4665970.34	1°	1. კოორდინატული სისტემა / COORDINATE SYSTEM WGS_1984_UTM_Zone_38N Projection: Transverse_Mercator Linear Unit: Meter Datum: KRONSTADT (BALTIC SEA)	
IP_39	254247.02	4665886.71	3°		
IP_40	253931.19	4665750.62	7°		
IP_41	253718.84	4665661.82	9°		
				სიმბოლოები / LEGEND	
				- Projected Gas Pipeline - Existing Gas Pipeline - WREP (Western Route Export Pipeline) - ROW - Bore pit - Borehole - Intersection point - Aerial marker post - Marker post - Cathodic protection - Cathodic protection/Aerial marker post - Vertical Angle - Horizontal Angle - Joint Angle - Angle - Cold Bend - Hot Bend - Power transmission line - Water pipeline - Gas pipeline - Oil pipeline - 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 "CHWT" 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, rblplastkuri, tsavimartalovani sand layers, with a thickness of 5-10 cm. Tsavimartalovani, density (ρ) 1.85 g/cm³, optional reporting impedance R0 = 1.0-1.5 kg/cm² > 0.1 MPa. By "CHWT" 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 "CHWT" 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 tsavimartalovani, 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". 5 (EGE 5) - Gravel soil, sand shemavasebi, tsavimartalovani, 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". 6 (24*) - Made ground. Difficulty processing by ground belongs to the group II, by "CHWT" IV-5-82.	
თანამშრომლობა / POSITION		სახელი, გვარი / NAME		სიგნატი / SIGN	
Approved by		A. Dekanosidze			
Checked by		N. Beruchashvili			
Checked by		T. Javakhishvili			
Processed by		Ts. Maghlakidze			
Drawn by		I. Elisevi			
თარიღი / DATE		27/01/16	20/04/16	07/06/16	22/06/16
ფურც. № / 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 121+00 - pk 130+15 Plan and Profile					
მასშტაბი(A1): / SCALE (A1): Hor. 1:2000; Vert. 1:200 კოორდ. სისტემა: / COORD. SYSTEM: WGS_1984_UTM_Zone_38N					
სახელწოდება / DCC No:				ფურცლის № / SHEET	ფურცლის № / Rev.No
KOBUE60-GW05-PL-ALS-00012				12(60)	C01