



Materials	Intermediate post	Straining post	Gate post	Gate	Total	
	8	2	4	2		
	Materials for one units				Qty.	Note
Pipe 109x5			3.60		14.40	m
Squared pipe 50x50x5				7.40	14.80	m
Squared pipe 40x40x5				1.90	3.80	m
Squared pipe 60x60x8		3.10			6.20	m
Squared pipe 50x50x6	3.10				24.80	m
Angle bar 45x45x5	1.50	7.90	2.90		39.40	m
Steel line 50x10				0.50	1.00	m
Steel line 50x5		4.80	2.40		19.20	m
Steel line 25x5	2.40	5.60	2.80		41.60	m
Steel line 15x3				8.50	17.00	m
Steel sheet 5				0.03	0.06	m <sup>2</sup>
Bolted connection Ø8	5.00	8.00	3.00		68.00	pcs
Bolted connection Ø5	6.00	6.00	6.00		84.00	pcs
Screw connection Ø5				22.00	44.00	pcs
Eye bolt Ø5		8.00	4.00		32.00	pcs
Loop				3.00	6.00	pcs
Welded mesh Ø3 (Cell min -75x25 mm; max - 50x50 mm)	77		3		83	m <sup>2</sup>
Helix shaped barbed wire 600 Ø3	28				28	m
Barbed Wire Ø3			3		6	m
Wire Ø3	140				140	m
Wire Ø1.6	91				91	m

Materials	Well 7700x7700x2400	Foundation for DN 300 welves	Foundation for DN 200 welves	Total	
	1	1	2		
	Materials for one units			Qty.	Note
Armature Ø8	1335	21	37.06	1430.1	m
Armature Ø12	955			955.0	m
Concrete	27.7	0.38	0.40	28.9	m <sup>3</sup>
Sand	110			110.0	m <sup>3</sup>
Gravel 10-20 mm	6			6.0	m <sup>3</sup>
Gravel 20-40mm	6			6.0	m <sup>3</sup>

Gravel (thickness-100mm; size-10-20 mm) to be spread on under a well.  
All posts of fencing to be fixed by concrete in the walls of a well.  
All components of fencing to be zinc.  
Gravel (thickness-100mm; size-20-40 mm) to be spread on the whole area.  
\* Sizes are approximate and they will be corrected during construction period.  
\_Fence will be constructed on the Block Valve Station (Point km. 3+900) of existing cross connection.

Approved by	A. Dekanosidze		East - West Gas Main Pipeline Kobuleti Branch		
Checked by	T. Javakhishvili		DN300 valve with single venting and reduce Scheme of valve unit fencing and foundation location.		
Designed by	T. Mrevlishvili				
Drawn by	A. Farii				
REV.	C01				
01/08/2010/DATE	06/07/15	საქართველოს ნავთობისა და გაზების კორპორაცია Georgian Oil & Gas Corporation			
		SCALE:			
			DCC NUMBER: K0BU60-GW05-PL-DTL-00009	SHEET No. საშენობის №	REV.
			No:	1(1)	C01

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