

Nr. crt.	Nume UAT	Nume sat	Nume strada	Tronson	Categorie teren	Longimea fizica (m)	Material tubular	Diametrul Dn (mm)	Debit calcul (Nm ³ /h)	de Viteza (m/s)	de Presiune (bar)	Presiune la intrare (bar)	Presiune la iesire (bar)
0	1	2	3	4	5	6	7	8	9	10	11	12	13
UT BERBESTI, ORAS BERBESTI, INTRAVILAN													
1	Berbesti	Berbesti	Principala (DJ 605A)	B9-B10	intravilan	179	PE100	PE180	1360.54	7.8	3.1900	3.1641	
2	Berbesti	Tg. Gangulesti	Principala (DJ 605A)	B10-B11	intravilan	370	PE100	PE180	1086.78	6.3	3.1641	3.1106	
3	Berbesti	Berbesti	Principala (DJ 605A)	B11-B46	intravilan	133	PE100	PE125	362.28	4.4	3.1106	3.1088	
4	Berbesti	Berbesti	Principala	B46-B47	intravilan	86	PE100	PE125	389.10	3.5	3.1088	3.0960	
5	Berbesti	Tg. Gangulesti	Principala (DJ 605A)	5a-5b	intravilan	231	PE100	PE125	289.10	3.5	3.1088	3.0960	
6	Berbesti	Berbesti	Principala (DJ 605A)	5b-B1	intravilan	110	PE100	PE125	70.90	0.9	3.0960	3.0477	
7	Berbesti	Berbesti	Principala (DJ 605A)	B1-B46	intravilan	154	PE100	PE125	59.90	0.7	3.0960	3.0477	
8	Berbesti	Berbesti	Principala (DJ 605A)	B46-B57	intravilan	160	PE100	PE125	70.90	0.9	3.0960	3.0477	
9	Berbesti	Berbesti	Principala (DJ 605A)	B57-B8	intravilan	160	PE100	PE125	70.90	0.9	3.0960	3.0477	
10	Berbesti	Berbesti	Principala (DJ 605A)	B8-B9	intravilan	160	PE100	PE125	70.90	0.9	3.0960	3.0477	
11	Berbesti	Berbesti	Principala (DJ 605A)	B9-B10	intravilan	160	PE100	PE125	70.90	0.9	3.0960	3.0477	
12	Berbesti	Berbesti	Principala (DJ 605A)	B10-B11	intravilan	160	PE100	PE125	70.90	0.9	3.0960	3.0477	
13	Berbesti	Berbesti	Principala (DJ 605A)	B11-B46	intravilan	160	PE100	PE125	70.90	0.9	3.0960	3.0477	
14	Berbesti	Berbesti	Principala (DJ 605A)	B46-B57	intravilan	160	PE100	PE125	70.90	0.9	3.0960	3.0477	
15	Berbesti	Berbesti	Principala (DJ 605A)	B57-B8	intravilan	160	PE100	PE125	70.90	0.9	3.0960	3.0477	
16	Berbesti	Berbesti	Principala (DJ 605A)	B8-B9	intravilan	160	PE100	PE125	70.90	0.9	3.0960	3.0477	
17	Berbesti	Berbesti	Principala (DJ 605A)	B9-B10	intravilan	160	PE100	PE125	70.90	0.9	3.0960	3.0477	
18	Berbesti	Berbesti	Principala (DJ 605A)	B10-B11	intravilan	160	PE100	PE125	70.90	0.9	3.0960	3.0477	
19	Berbesti	Berbesti	Principala (DJ 605A)	B11-B46	intravilan	160	PE100	PE125	70.90	0.9	3.0960	3.0477	
20	Berbesti	Berbesti	Principala (DJ 605A)	B46-B57	intravilan	160	PE100	PE125	70.90	0.9	3.0960	3.0477	
21	Berbesti	Berbesti	Principala (DJ 605A)	B57-B8	intravilan	160	PE100	PE125	70.90	0.9	3.0960	3.0477	
22	Berbesti	Berbesti	Principala (DJ 605A)	B8-B9	intravilan	160	PE100	PE125	70.90	0.9	3.0960	3.0477	
23	Berbesti	Berbesti	Principala (DJ 605A)	B9-B10	intravilan	160	PE100	PE125	70.90	0.9	3.0960	3.0477	
24	Berbesti	Berbesti	Principala (DJ 605A)	B10-B11	intravilan	160	PE100	PE125	70.90	0.9	3.0960	3.0477	
25	Berbesti	Berbesti	Principala (DJ 605A)	B11-B46	intravilan	160	PE100	PE125	70.90	0.9	3.0960	3.0477	
26	Berbesti	Berbesti	Principala (DJ 605A)	B46-B57	intravilan	160	PE100	PE125	70.90	0.9	3.0960	3.0477	
27	Berbesti	Berbesti	Principala (DJ 605A)	B57-B8	intravilan	160	PE100	PE125	70.90	0.9	3.0960	3.0477	
28	Berbesti	Berbesti	Principala (DJ 605A)	B8-B9	intravilan	160	PE100	PE125	70.90	0.9	3.0960	3.0477	
29	Berbesti	Berbesti	Principala (DJ 605A)	B9-B10	intravilan	160	PE100	PE125	70.90	0.9	3.0960	3.0477	
30	Berbesti	Berbesti	Principala (DJ 605A)	B10-B11	intravilan	160	PE100	PE125	70.90	0.9	3.0960	3.0477	
31	Berbesti	Berbesti	Principala (DJ 605A)	B11-B46	intravilan	160	PE100	PE125	70.90	0.9	3.0960	3.0477	
32	Berbesti	Berbesti	Principala (DJ 605A)	B46-B57	intravilan	160	PE100	PE125	70.90	0.9	3.0960	3.0477	
33	Berbesti	Berbesti	Principala (DJ 605A)	B57-B8	intravilan	160	PE100	PE125	70.90	0.9	3.0960	3.0477	
34	Berbesti	Berbesti	Principala (DJ 605A)	B8-B9	intravilan	160	PE100	PE125	70.90	0.9	3.0960	3.0477	
35	Berbesti	Berbesti	Principala (DJ 605A)	B9-B10	intravilan	160	PE100	PE125	70.90	0.9	3.0960	3.0477	
36	Berbesti	Berbesti	Principala (DJ 605A)	B10-B11	intravilan	160	PE100	PE125	70.90	0.9	3.0960	3.0477	
37	Berbesti	Berbesti	Principala (DJ 605A)	B11-B46	intravilan	160	PE100	PE125	70.90	0.9	3.0960	3.0477	
38	Berbesti	Berbesti	Principala (DJ 605A)	B46-B57	intravilan	160	PE100	PE125	70.90	0.9	3.0960	3.0477	
39	Berbesti	Berbesti	Principala (DJ 605A)	B57-B8	intravilan	160	PE100	PE125	70.90	0.9	3.0960	3.0477	
40	Berbesti	Berbesti	Principala (DJ 605A)	B8-B9	intravilan	160	PE100	PE125	70.90	0.9	3.0960	3.0477	
41	Berbesti	Berbesti	Principala (DJ 605A)	B9-B10	intravilan	160	PE100	PE125	70.90	0.9	3.0960	3.0477	

Breviar de calcul																				
Regim de presiune: medie																				
Nr. crt.	Nume UAT	Nume sat	Nume strada	Tronson	Categorie teren	Debit distribuit (Nm ³ /h)	Debit de calcul (Nm ³ /h)	Debit de calcul (Nm ³ /h)	Longimea fizica a tronsonului (m)	Longimea fizica a tronsonului (m)	P1 (bar)	P2 (bar)	Material tubular	Diametrul ales						
														mm Dn (mm)						
														Viteza (m/s)						
														Viteza maxima admisa w (m/s)						
														Nr. Reynolds						
														Pe						
														Dk (k=0.007-PE, k=0.05-OL)						
														Coef. pierdere de sarcina K						
														Diametrul interior de (mm)						
1	Berbesti	Tg. Gangulesti	Principala (DJ 605A)	B0-Ba	intravilan	12.98	1994.20	2193.62	138.00	0.138	3.6831	3.6631	PE	163.6	PE200	7.8	209,091.44	2,147.007	0.123	141.06
2	Berbesti	Tg. Gangulesti	Principala (DJ 605A)	Ba-6b	intravilan	0.00	1981.22	2179.34	3.00	0.003	3.6631	3.6627	OL	203.0	8	5.2	209,455.50	4,006.000	0.143	141.06
3	Berbesti	Tg. Gangulesti	Principala (DJ 605A)	6b-5a	intravilan	38.94	1981.22	2179.34	406.00	0.406	3.6627	3.6040	PE	163.6	PE200	8.0	209,761.90	2,337.143	0.136	140.34
4	Berbesti	Tg. Gangulesti	Principala (DJ 605A)	5a-5b	intravilan	0.00	1942.28	2136.51	5.00	0.006	3.6040	3.6032	OL	203.0	8	5.2	209,740.10	4,006.000	0.144	140.82
5	Berbesti	Tg. Gangulesti	Principala (DJ 605A)	5b-B1	intravilan	42.48	1942.28	2136.51	542.00	0.542	3.6032	3.5248	PE	163.6	PE200	8.0	209,740.10	4,006.000	0.144	140.82
6	Berbesti	Tg. Gangulesti	Principala (DJ 605A)	B1-4a	intravilan	9.44	1860.24	2035.26	104.00	0.104	3.5248	3.5098	PE	163.6	PE200	7.7	207,422.90	2,337.143	0.138	137.82
7	Berbesti	Tg. Gangulesti	Principala (DJ 605A)	4a-4b	intravilan	0.00	1840.80	2024.88	30.00	0.030	3.5098	3.5054	OL	203.0	8	5.0	202,347.36	4,006.000	0.146	136.95
8	Berbesti	Tg. Gangulesti	Principala (DJ 605A)	4b-8b	intravilan	23.60	1840.80	2024.88	298.00	0.298	3.5054	3.4624	PE	163.6	PE200	7.8	207,007.48	2,337.143	0.138	137.94
9	Berbesti	Tg. Gangulesti	Principala (DJ 605A)	B2-3a	intravilan	14.16	1746.40	1921.04	140.00	0.140	3.4624	3.4421	PE	163.6	PE200	7.8	206,822.60	2,337.143	0.138	137.94
10	Berbesti	Tg. Gangulesti	Principala (DJ 605A)	3a-3b	intravilan	0.00	1732.24	1905.46	4.00	0.004	3.4421	3.4415	OL	203.0	8	4.8	209,319.44	4,006.000	0.148	136.54
11	Berbesti	Tg. Gangulesti	Principala (DJ 605A)	3b-83	intravilan	14.16	1732.24	1905.46	179.00	0.179	3.4415	3.4157	PE	163.6	PE200	7.4	209,730.12	2,337.143	0.140	135.18
12	Berbesti	Tg. Gangulesti	Principala (DJ 605A)	B3-B4	intravilan	30.68	1714.54	1885.99	314.00	0.314	3.4157	3.3703	PE	163.6	PE200	7.4	207,076.20	2,337.143	0.141	134.97
13	Tg. Gangulesti	Principala (DJ 605A)	B4-B5	intravilan	20.06	1666.16	1832.78	205.00	0.205	3.3703	3.3406	PE	163.6	PE200	7.9	204,822.60	2,337.143	0.142	135.88	
14	Berbesti	Tg. Gangulesti	Principala (DJ 605A)	B5-B6	intravilan	0.00	1597.72	1757.49	14.00	0.014	3.3406	3.3386	PE	147.2	PE180	8.7	206,250.49	2,102.857	0.139	131.41
15	Berbesti	Tg. Gangulesti	Principala (DJ 605A)	B6-B7	intravilan	7.08	1545.80	1700.38	93.00	0.093	3.3386	3.3252	PE	147.2	PE180	8.4	207,598.38	2,102.857	0.140	129.95
16	Berbesti	Dealul Alunis	Principala (DJ 605A)	B7-B8	extravilan	0.00	1538.72	1692.59	20.00	0.020	3.3252	3.3223	OL	147.2	PE180	8.6	207,920.68	2,102.857	0.142	129.85
17	Berbesti	Dealul Alunis	Principala (DJ 605A)	2b-IE/B1	extravilan	0.00	1538.72	1692.59	26.00	0.026	3.3223	3.3185	PE	147.2	PE180	8.5	206,518.47	2,102.857	0.141	129.85
18	Berbesti	Dealul Alunis	Principala (DJ 605A)	IE/B1-1a	intravilan	41.30	1538.72	1692.59	378.00	0.378	3.3185	3.2639	PE	147.2	PE180	8.5	206,518.49	2,102.857	0.141	129.85
19	Berbesti	Dealul Alunis	Principala (DJ 605A)	1a-1b	intravilan	0.00	1497.42	1647.16	5.00	0.005	3.2639	3.2632	OL	150.0	6	7.8	204,656.00	2,102.857	0.140	130.06
20	Berbesti	Dealul Alunis	Principala (DJ 605A)	1b-B8	intravilan	22.42	1497.42	1647.16	202.00	0.202	3.2632	3.2340	PE	147.2	PE180	8.4	204,932.82	2,102.857	0.142	129.87
21	Berbesti	Dealul Alunis	Principala (DJ 605A)	B8-27a	intravilan	1.18	1368.80	1505.68	79.00	0.079	3.2340	3.2225	PE	147.2	PE180	7.7	208,126.34	2,102.857	0.145	125.33
22	Berbesti	Dealul Alunis	Principala (DJ 605A)	27a-27b	intravilan	0.00	1367.22	1503.94	10.00	0.010	3.2225	3.2211	OL	150.0	6	7.2	202,644.12	2,171.429	0.146	125.33
23	Berbesti	Dealul Alunis	Principala (DJ 605A)	27b-S1a	intravilan	1.18	1367.22	1503.94	89.00	0.089	3.2211	3.2093	PE	147.2	PE180	7.8	207,805.70	2,102.857	0.145	125.39
24	Berbesti	Dealul Alunis	Principala (DJ 605A)	S1a-IE/B2	extravilan	0.00	1366.44	1503.94	20.00	0.020	3.2093	3.2053	PE	147.2	PE180	7.8	207,729.06	2,102.857	0.145	125.44
25	Berbesti	Dealul Alunis	Principala (DJ 605A)	IE/B2-S1b	extravilan	0.00	1366.44	1503.94	27.00	0.027	3.2053	3.2014	PE	147.2	PE180	7.8	207,729.06	2,102.857	0.145	125.44
26	Berbesti	Dealul Alunis	Principala (DJ 605A)	S1b-B9	intravilan	5.90	1366.44	1503.94	79.00	0.079	3.2014	3.1900	PE	147.2	PE180	7.8	207,729.06	2,102.857	0.145	125.44
27	Berbesti	Berbesti	Principala (DJ 605A)	B9-B10	intravilan	14.16	1360.54	1496.59	179.00	0.179	3.1900	3.1641	PE	147.2	PE180	7.8	206,725.80	2,102.857	0.145	125.46
28	Berbesti	Berbesti	Principala (DJ 605A)	B10-B11	intravilan	9.44	1086.78	1195.46	370.00	0.370	3.1641	3.1106	PE	147.2	PE180	7.8	206,725.80	2,102.857	0.145	125.46
29	Berbesti	Berbesti	Principalei	B11-B46	intravilan	2.36	362.26	398.49	13.00	0.013	3.1106	3.1088	PE	102.2	PE125	4.4	86,949.43	1,460.000	0.144	77.86
30	Berbesti	Berbesti	Principalei	B46-B47	intravilan	23.60	289.10	318.01	88.00	0.088	3.1088	3.0960	PE	102.2	PE125	3.5	69,389.66	1,460.000	0.195	71.98
31	Berbesti	Berbesti	Dantulu	B47-B48	intravilan	64.90	194.70	214.17	245.00	0.245	3.0960	3.0646	PE	102.2	PE125	2.4	46,731.81	1,460.000	0.0215	62.78
32	Berbesti	Berbesti	Alesea Marului	B48-B49	intravilan	70.80	70.80	77.88	110.00	0.110	3.0646	3.0477	PE	102.2	PE125	0.1	1,355.22	1,460.000	0.0002	56.28
33	Berbesti	Berbesti	Alesea Marului	B49-B50	intravilan	59.00	59.00	64.90	134.00	0.134	3.0646	3.0413	PE	102.2	PE125	0.4	14,161.15	1,460.000	0.090	41.41
34	Berbesti	Berbesti	Dantulu	B49-B51	intravilan	70.80	70.80	77.88	140.00	0.140	3.0646	3.0758	PE	102.2	PE125	0.9	16,933.39	1,460.000	0.0277	44.04
35	Berbesti	Berbesti	Alesea Pacii	B46-B52	intravilan	70.80	70.80	77.88	130.00	0.130	3.1088	3.0900	PE	102.2	PE125	0.9	16,933.39	1,460.000	0.0277	44.04
36	Berbesti	Berbesti	Alesea Libertatii	B10-B53	intravilan	11.80	259.60	285.58	36.00	0.036	3.1589	3.1589	PE	102.2	PE125	0.4	3,855.22	1,460.000	0.0012	56.28
37	Berbesti	Berbesti	Alesea Libertatii	B53-B54	intravilan	23.60	165.20	181.72	62.00	0.062	3.1589	3	PE	102.2	PE125	2.0	36,651.23	1,460.000	0.024	56.28
38	Berbesti	Berbesti	Alesea Libertatii	B54-B55	intravilan	129.80	129.80	141.72	198.00	0.198	3.1500	3.1213	PE	102.2	PE125	1.6	31,154.54	1,460.000	0.0238	54.97
39	Berbesti	Berbesti	Alesea Libertatii	B55-B56	intravilan	39.00	39.00	42.88	58.00	0.058	3.1213	3.1274	PE	102.2	PE125	0.1	4,035.22	1,460.000	0.0004	56.28
40	Berbesti	Berbesti	Alesea Teiului	B55-B58	intravilan	47.90	47.90	52.60	78.00	0.078	3.1474	3.1589	PE	102.2	PE125	0.4	13,825.22	1,460.000	0.007	46.30
41	Berbesti	Berbesti	Alesea Postei	Ba-B57	intravilan	35.40	35.40	38.94	56.00	0.056	3.1338	3.1274	PE	102.2	PE125	0.4	8,456.69	1,460.000	0.0030	34.34