SOMIVAL
PARTENAIRE DES TERRITOIRES
23 rue Jean Claret – 63000 Clermont-Ferrand

Etude de valorisation de la rivière Dourdou dans la traversée de Montlaur

Rapport de Phase 2
Partie 1 :
Aménagement du seuil

ANNEXE 3 :
DOSSIER PLANS

Commune de MONTLAUR
Mairie
Le Bourg
12400 MONTLAUR

Mars 2010

Aménagement d'un seuil sur le Dourdou

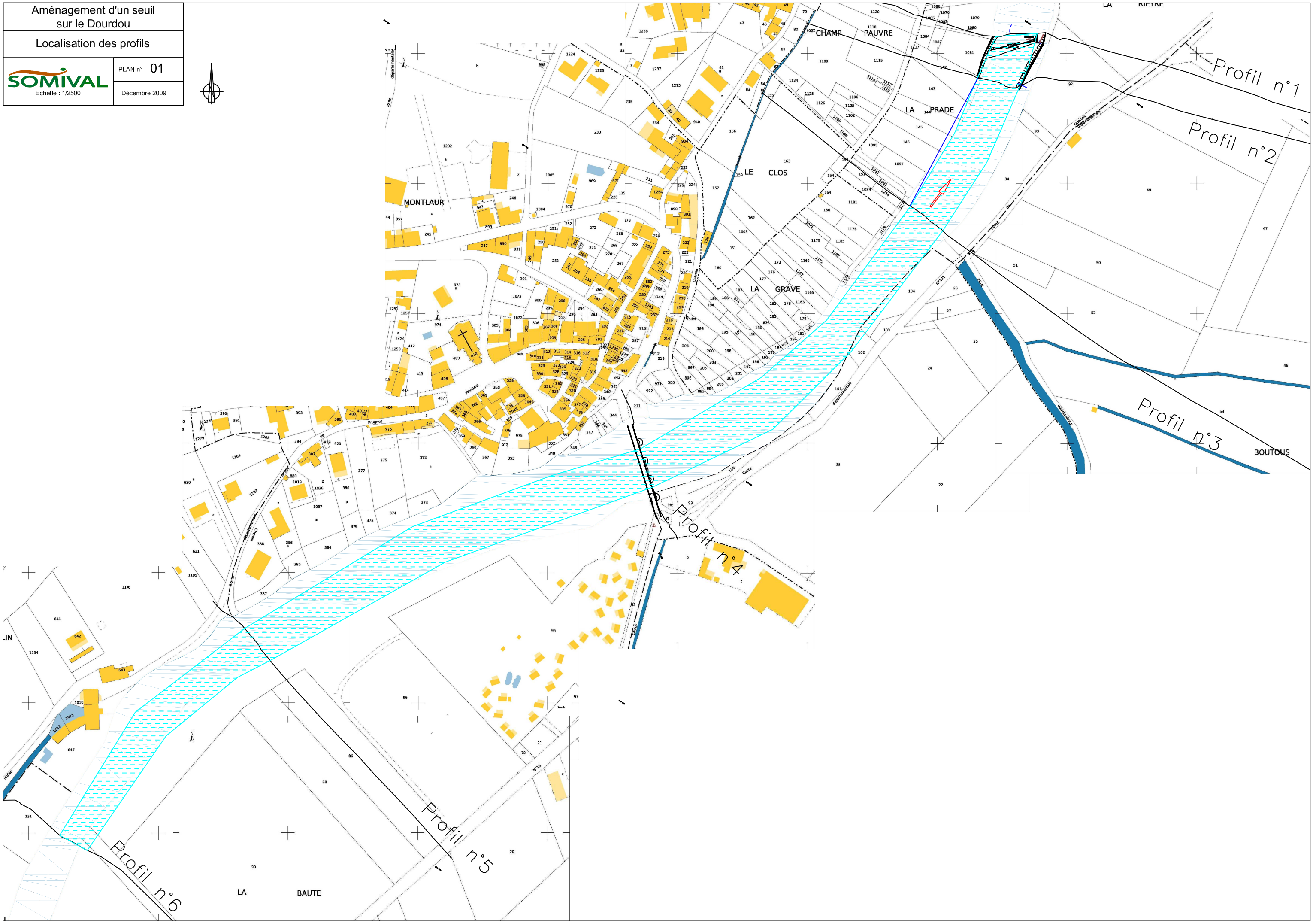
Localisation des profils

SOMIVAL

Echelle : 1/2500

PLAN n° 01

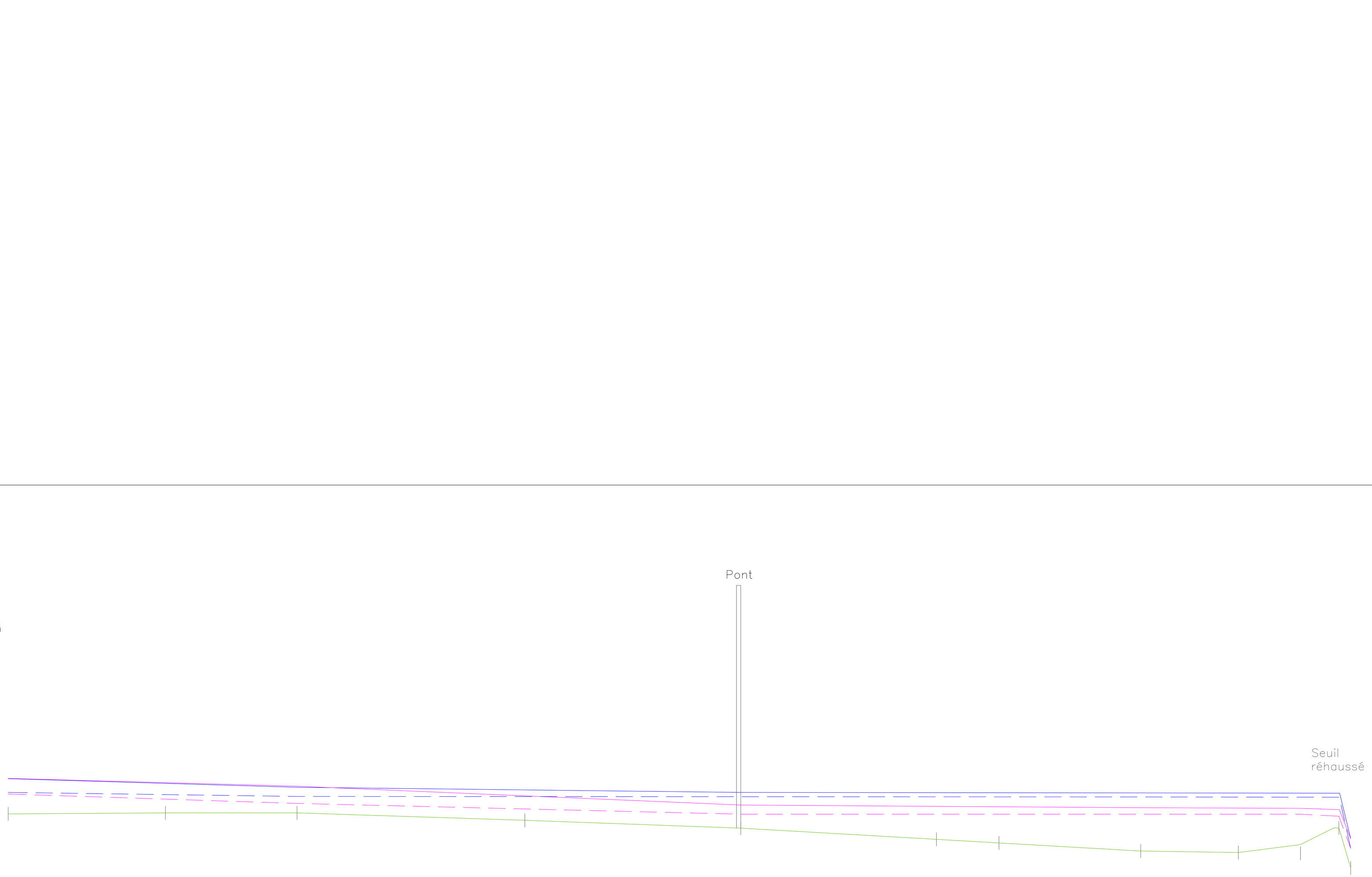
Décembre 2009



Aménagement d'un seuil sur le Dourdou	
Profil en long du Dourdou et lignes d'eau actuelles et projet	
SOMIVAL Echelle : sur plan	PLAN n° 02
	Mars 2010

Ligne d'eau août - Etat projet
Ligne d'eau août - Etat actuel

Ligne d'eau module - Etat projet
Ligne d'eau module - Etat actuel



Echelle en X : 1/1000

Echelle en Y : 1/200

PC : 330.00 m

Altitudes Fe	335.21	335.25	335.28	334.97	334.68	334.26	334.13	333.83	333.77	333.74	333.20
Distances Fe	0.0	116.9	214.7	384.1	544.6	690.1	736.6	842.0	914.6	960.7	998.1
Pente		0.000 m / m		-0.002 m / m		-0.003 m / m		-0.001 m / m		0.035 m / m	-4.173 m

Aménagement d'un seuil sur le Dourdou

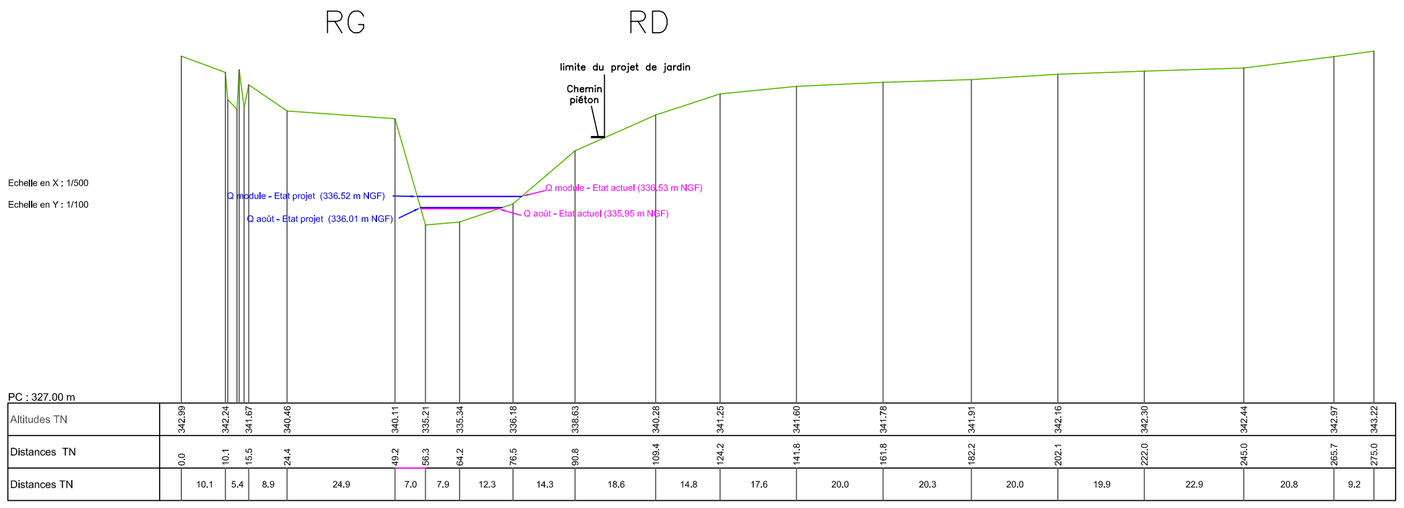
Profils en travers

SOMIVAL

PLAN n° 03

Mars 2010

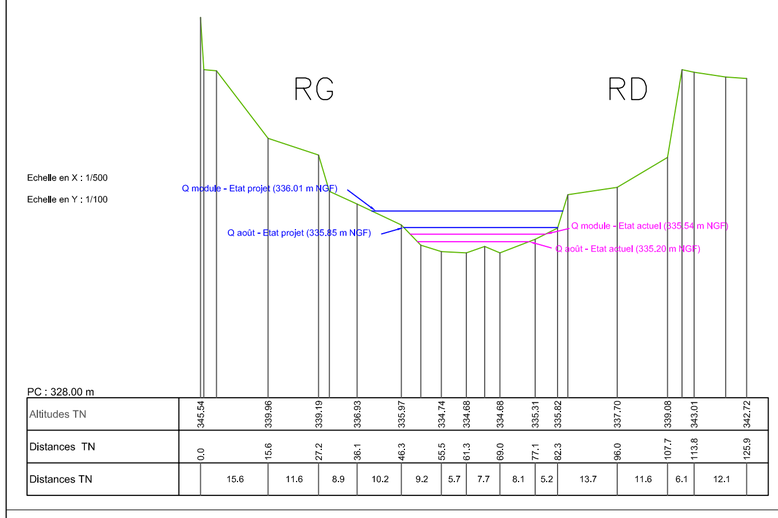
Profil n°6



PC : 327.00 m

Altitudes TN	342.99	342.24	341.67	340.46	340.11	335.21	335.34	336.18	338.63	340.28	341.25	341.60	341.78	341.91	342.16	342.30	342.44	342.97	343.22						
Distances TN	0.0	10.1	15.5	24.4	49.2	56.3	64.2	76.5	90.8	109.4	124.2	141.8	161.8	182.2	202.1	222.0	245.0	265.7	275.0						
Distances TN		10.1	5.4	8.9	24.9	7.0	7.9	12.3	14.3	18.6	14.8	17.6	20.0	20.3	20.0	19.9	22.9	20.8	9.2						

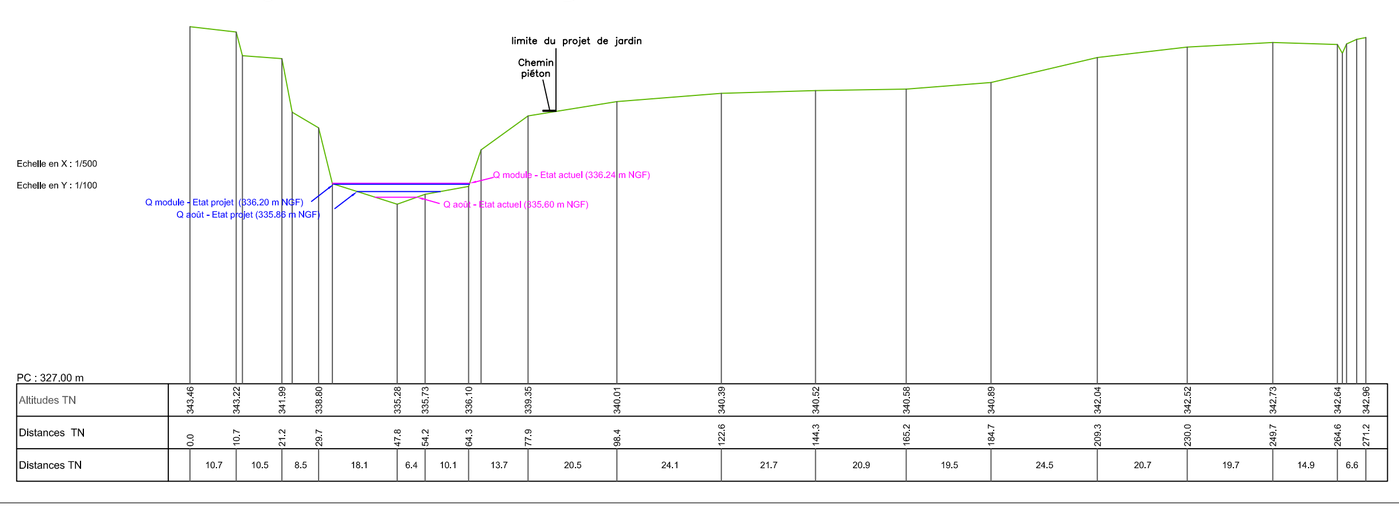
Profil n°4



PC : 328.00 m

Altitudes TN	345.54	339.96	339.19	338.93	335.97	334.74	334.88	334.68	335.31	335.82	337.70	339.08	343.01	342.72											
Distances TN	0.0	15.6	27.2	36.1	46.3	55.5	61.3	69.0	77.1	82.3	96.0	107.7	113.8	125.9											
Distances TN		15.6	11.6	8.9	10.2	9.2	5.7	7.7	8.1	5.2	13.7	11.6	6.1	12.1											

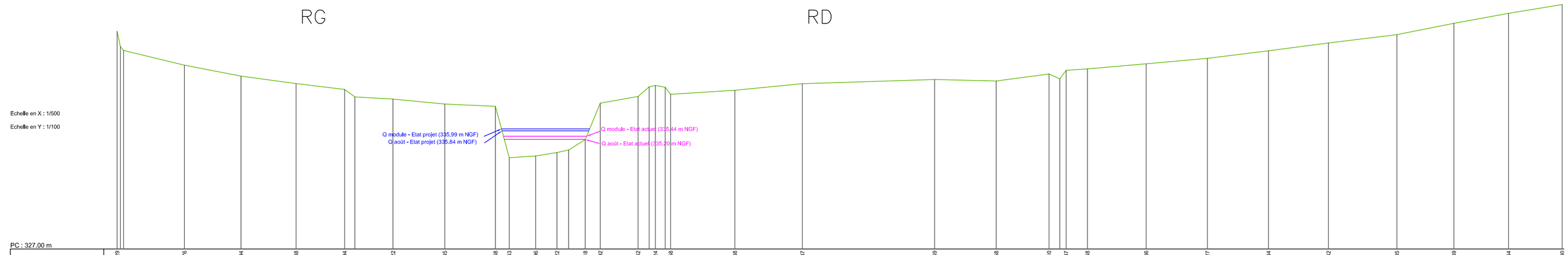
Profil n°5



PC : 327.00 m

Altitudes TN	343.46	343.22	341.99	338.80	335.28	335.73	336.10	339.35	340.01	340.39	340.52	340.58	340.89	342.04	342.52	342.73	342.64	342.96							
Distances TN	0.0	10.7	21.2	29.7	47.8	54.2	64.3	77.9	98.4	122.6	144.3	165.2	184.7	209.3	230.0	249.7	264.6	271.2							
Distances TN		10.7	10.5	8.5	18.1	6.4	10.1	13.7	20.5	24.1	21.7	20.9	19.5	24.5	20.7	19.7	14.9	6.6							

Profil n°3

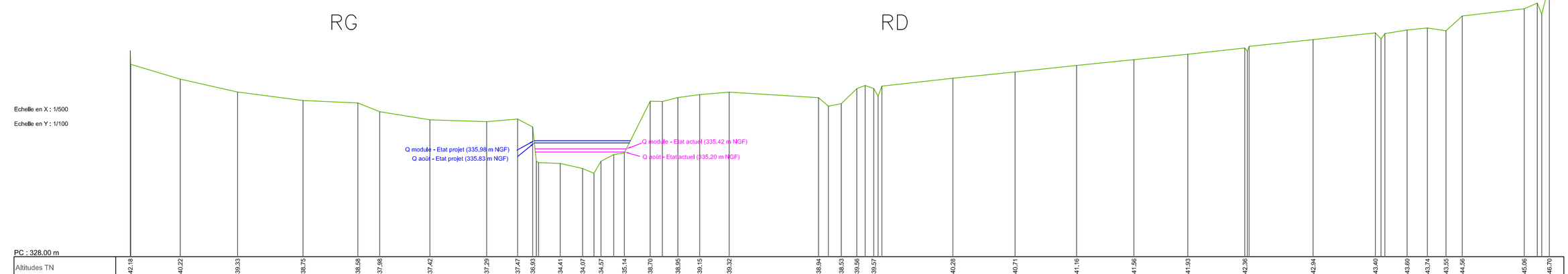


PC : 327.00 m

Altitudes TN	343.29	340.76	339.94	339.38	338.94	338.22	337.85	337.68	333.83	333.96	334.22	335.18	337.92	338.42	339.24	338.58	338.88	339.37	339.69	339.58	340.10	340.37	340.48	340.86	341.27
Distances TN	0.0	25.2	46.4	67.0	85.1	103.3	122.6	141.6	146.7	156.7	164.6	175.2	180.8	195.0	201.5	207.2	231.2	256.5	306.0	329.1	348.8	355.2	363.2	385.2	408.1
Distances TN		25.2	21.2	20.6	18.2	18.1	19.4	19.0	5.2	9.9	8.0	10.6	5.6	14.1	6.5	5.7	24.0	25.3	49.5	23.1	19.7	6.4	8.0	22.0	22.9

Altitudes TN	341.84	342.42	343.05	343.89	344.64	345.30																			
Distances TN	431.0	453.4	479.0	500.3	520.8	540.9																			
Distances TN	22.9	22.4	25.6	21.3	20.5	20.1																			

Profil n°2

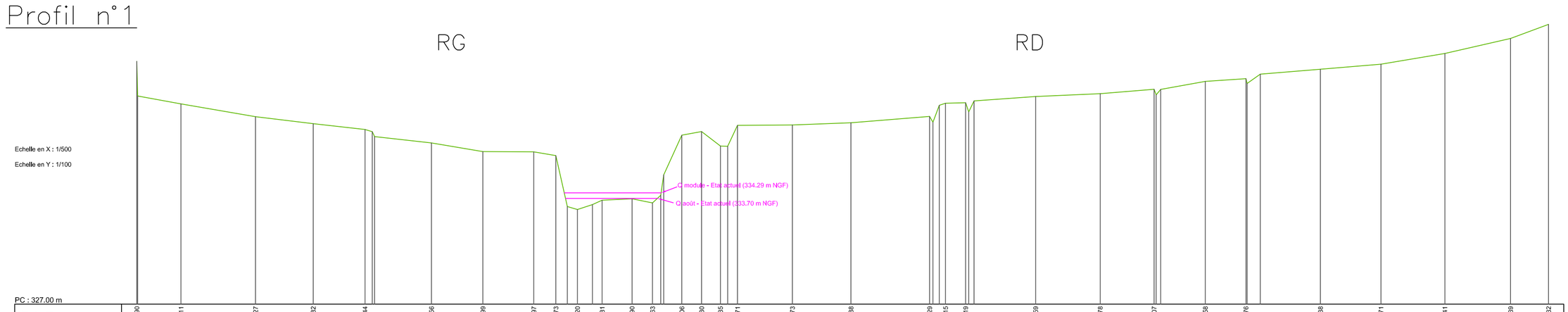


PC : 328.00 m

Altitudes TN	342.18	340.22	339.33	338.75	338.58	337.98	337.42	337.29	337.47	336.93	334.41	334.07	334.57	335.14	338.70	338.95	339.15	339.32	338.94	338.53	339.56	339.57	340.28	340.71	341.16
Distances TN	0.0	17.2	36.9	59.4	78.3	85.8	103.1	122.6	133.2	138.4	147.9	155.6	161.9	170.0	178.8	188.3	195.8	206.0	236.8	244.6	249.9	255.7	283.0	304.4	325.5
Distances TN		17.2	19.7	22.5	18.9	7.5	17.3	19.5	10.7	5.2	9.5	7.7	6.3	8.0	8.9	9.5	7.5	10.2	30.7	7.8	5.3	5.8	27.2	21.4	21.2

Altitudes TN	341.16	341.56	341.93	342.36	342.94	343.40	343.60	343.74	343.55	344.56	345.06	346.70													
Distances TN	325.5	345.2	363.8	383.4	406.9	428.3	439.2	446.2	452.6	458.2	479.5	488.2													
Distances TN	19.7	18.5	19.6	23.5	21.4	10.9	7.0	6.4	5.6	21.3	8.7														

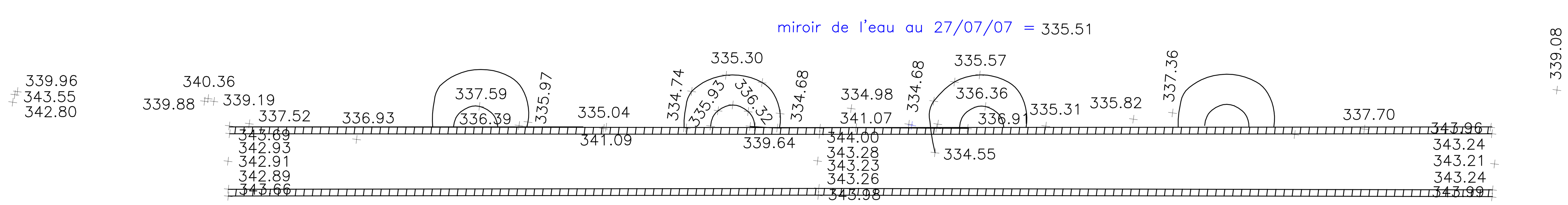
Profil n°1

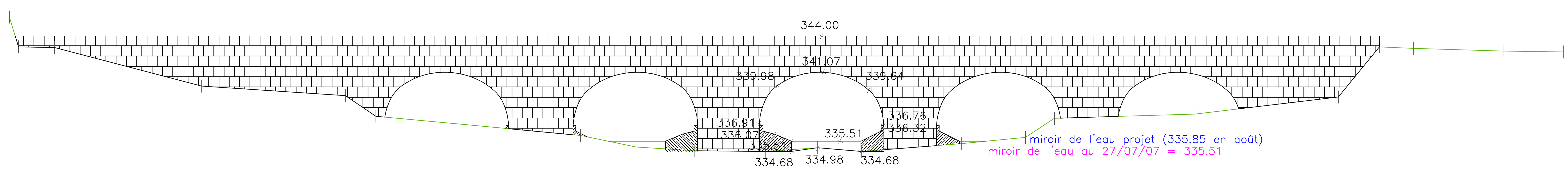


PC : 327.00 m

Altitudes TN	342.90	340.11	339.27	338.82	338.44	337.56	336.99	336.97	336.73	333.20	333.81	333.90	333.63	338.06	338.30	337.35	338.71	338.73	338.88	339.29	340.15	340.19	340.59	340.78	341.07
Distances TN	0.0	14.5	38.9	57.8	74.8	96.5	113.4	130.1	137.3	144.4	152.5	162.3	169.0	178.6	185.1	191.2	196.8	214.8	234.0	259.8	265.0	271.6	294.5	315.7	333.3
Distances TN		14.5	24.4	18.9	17.0	21.8	16.9	16.7	7.2	7.1	8.1	9.8	6.7	9.6	6.5	6.2	5.6	18.0	19.2	25.8	5.2	6.6	23.0	21.2	17.7

Altitudes TN	341.58	341.76	342.38	342.71	343.41	344.39	345.32																		
Distances TN	350.1	363.4	387.8	407.7	428.6	460.1	462.8																		
Distances TN	16.8	13.3	24.4	19.8	20.9	21.5	12.4																		





Echelle en X : 1/200
Echelle en Y : 1/200

PC : 328.00 m

Altitudes TN	345.54	343.08	339.96	339.19	337.52	336.93	335.97	335.04	334.74	334.68	334.98	334.68	335.31	335.82	337.36	337.70	339.08	343.13	343.01	342.79	342.72
Distances TN	0.0	3.7	15.6	27.2	29.7	36.1	46.3	50.8	55.5	61.3	65.5	69.0	77.1	82.3	84.7	96.0	107.7	111.0	113.8	121.1	125.9

Aménagement d'un seuil
sur le Dourdou

Profil en travers au niveau du pont

SOMIVAL
Echelle : 1/200

PLAN n° 04

Mars 2010

Aménagement d'un seuil sur le Dourdou

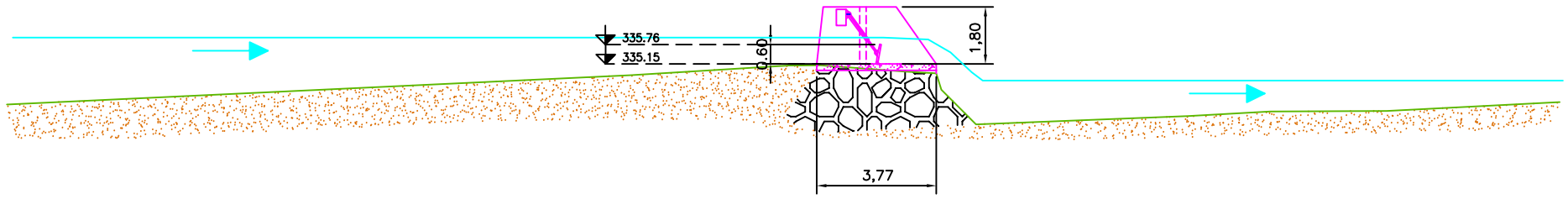
Solution d'aménagement du seuil par vannes à clapet

SOMIVAL

Echelle : 1/200

PLAN n° 05

Mars 2010

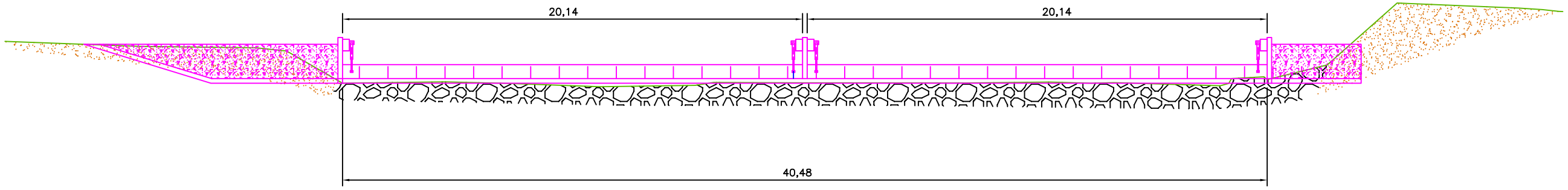


Echelle en X : 1/200

Echelle en Y : 1/200

PC : 321.00 m

Altitudes TN	334.06	334.98	335.29	335.30	335.11	335.04	333.44	333.69	333.84	333.86	334.13
Distances cumulées	0.0	19.6	24.6	25.6	28.2	29.3	30.5	37.2	39.8	43.5	48.9



Echelle en X : 1/200

Echelle en Y : 1/200

PC : 323.00 m

Altitudes TN	336.94	336.72	336.65	336.51	335.68	335.17	335.10	334.95	335.01	335.12	335.11	335.16	335.11	335.00	335.39	335.90	338.62	338.39	338.24
Distances cumulées	0.0	6.0	11.0	12.3	13.8	19.2	22.1	26.0	30.2	34.8	42.0	45.7	47.5	53.2	55.1	57.9	60.9	66.3	68.2