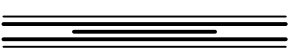




Restauration du parement amont
des écluses de GAMBSHEIM



0	Réalisation du plan	13/01/2022	AGR	ASP	
Indice	Nature des modifications	Date	Auteur	Vérifié par	

ECHELLE: 1/1000e

DATE: 13/01/2022

Plan Topographique

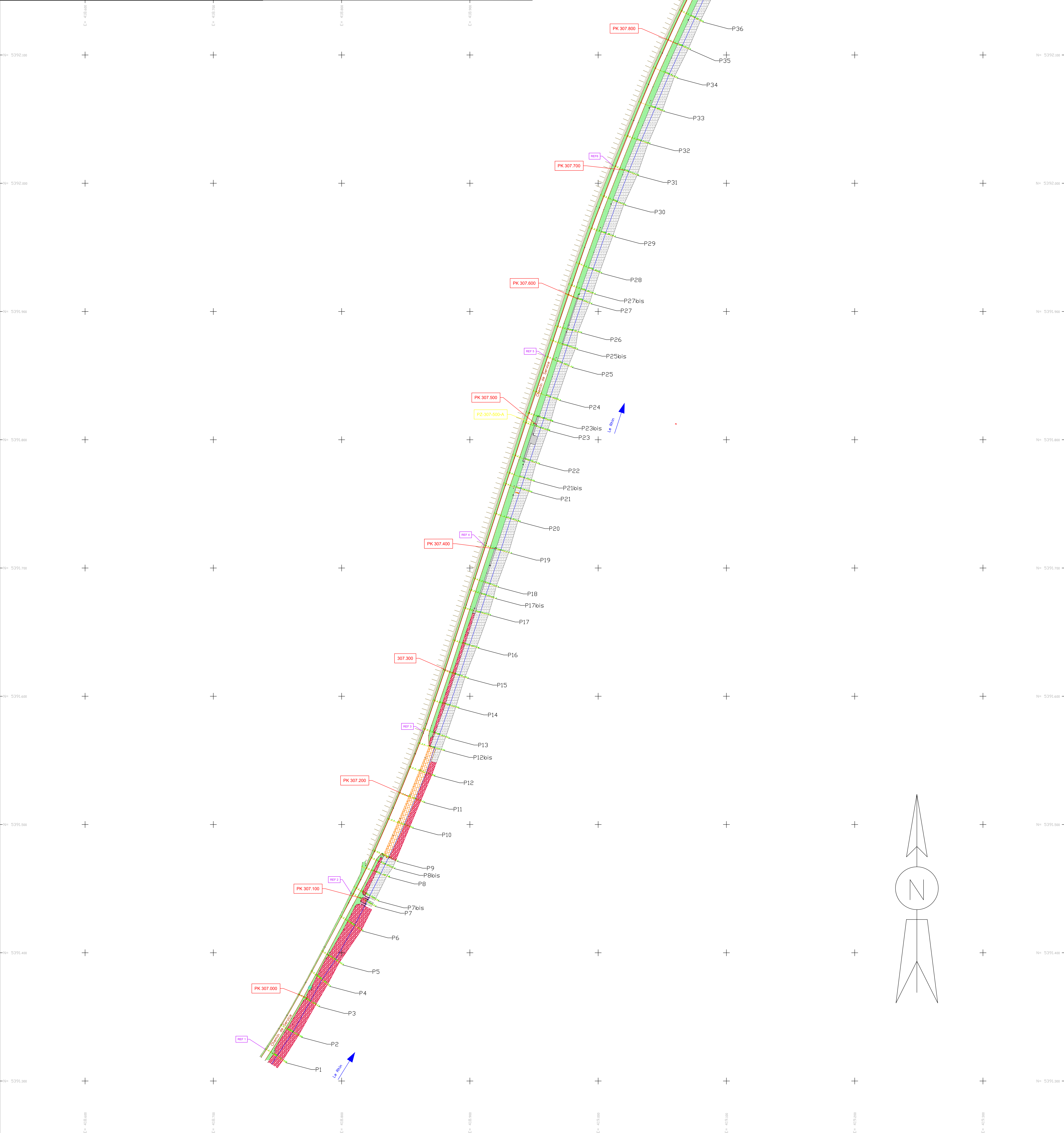
COORDONNEES UTM 32N

ALTITUDES NHN

GEOFIT

Espace Plan Sud 2
12 A Rue des Hérons
67060 ENTZHEIM
Tel 03 88 68 94 96
E-mail : strasbourg@geofit.fr

LEGENDE			
	Niveau d'eau		Voies décoratifs
	Talus		Panneau de signalisation
	Terrain naturel		Plot béton
	Béton		Echelle
	Parement enrochement		Piézomètre
	Matelas gabions		Borne hectométriques
	Mur pare-vague		Point de référence
	Chemin de Service		
	Herbe		Enrochement
	Béton		Revêtement bitumineux
	Matelas gabions		





Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

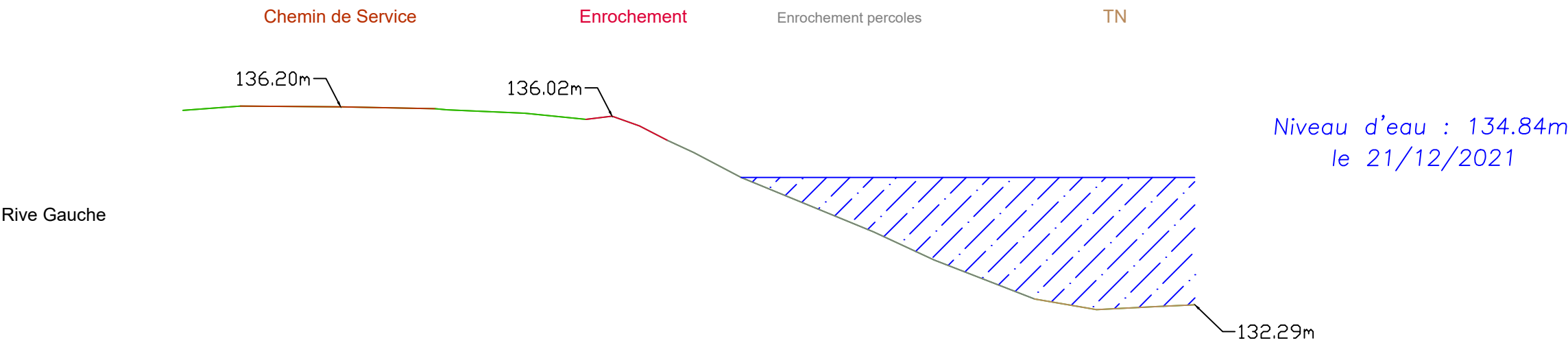
Profil n°: 1

UTM 32 / NHN

PK: 306.950

X : 418740.43

Y : 5391325.20



Echelle en X : 1/100

Echelle en Y : 1/100

PC : 122.00 m

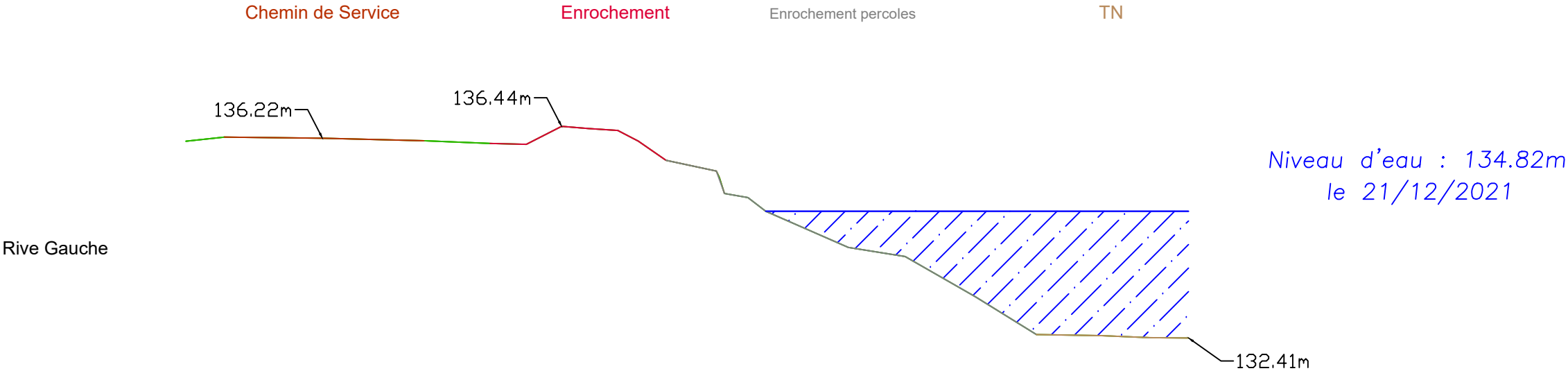
Altitudes TN	136.13	136.21	136.20	136.14	136.07	135.95	136.02	135.83	135.55	135.32	134.84	133.79	133.24	132.49	132.29	132.34	132.38
Distances Cumulées	0.00	1.11	3.05	4.87	6.59	7.78	8.28	8.81	9.35	9.86	10.77	13.33	14.50	16.43	17.63	18.75	19.53
Pentes	RAMPE L = 1.11 m P = 7.37 %	PENTE L = 1.93 m P = -0.72 %	PENTE L = 1.83 m P = -1.97 %	PENTE L = 1.50 m P = -4.33 %	PENTE L = 1.18 m P = -10.13 %	PENTE L = 1.00 m P = -13.29 %	PENTE L = 0.50 m P = -20.00 %	PENTE L = 0.50 m P = -20.00 %	PENTE L = 0.50 m P = -20.00 %	PENTE L = 0.50 m P = -20.00 %	PENTE L = 2.56 m P = -41.05 %	PENTE L = 1.17 m P = -46.43 %	PENTE L = 1.94 m P = -38.72 %	PENTE L = 1.20 m P = -17.23 %	RAMPE L = 1.12 m P = 5.01 %		



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

Profil n°: 2
PK: 306.975
X : 418752.20
Y : 5391343.43

UTM 32 / NHN



Echelle en X : 1/100
Echelle en Y : 1/100
PC : 122.00 m

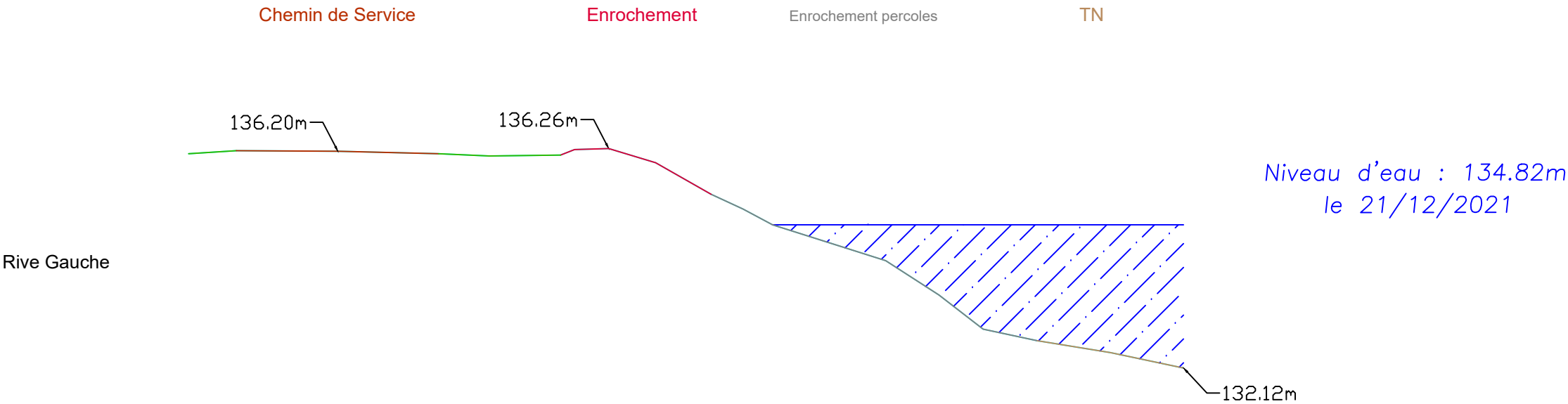
Altitudes TN	136.16	136.24	136.22	136.17	136.12	136.10	136.44	136.40	136.37	136.16	135.80	135.58	135.08	134.82	134.13	133.96	133.20	132.47	132.45	132.41	132.41	
Distances Cumulées	0.00	0.74	2.61	4.56	5.81	6.50	7.17	7.69	8.24	8.63	9.16	10.28	10.73	11.07	12.64	13.72	15.06	16.23	17.48	18.39	19.14	
Pentes	PENTE L = 1.87 m P = -1.12 %	PENTE L = 1.95 m P = -2.48 %	PENTE L = 1.25 m P = -4.05 %	PENTE L = 2.00 m P = -2.00 %	PENTE L = 0.50 m P = 0.00 %	PENTE L = 0.50 m P = 0.00 %	PENTE L = 0.50 m P = 0.00 %	PENTE L = 0.50 m P = 0.00 %	PENTE L = 0.50 m P = 0.00 %	PENTE L = 0.50 m P = 0.00 %	PENTE L = 0.50 m P = 0.00 %	PENTE L = 0.50 m P = 0.00 %	PENTE L = 0.50 m P = 0.00 %	PENTE L = 1.58 m P = -43.69 %	PENTE L = 1.08 m P = -16.17 %	PENTE L = 1.34 m P = -57.06 %	PENTE L = 1.17 m P = -62.01 %	PENTE L = 1.25 m P = -1.68 %	PENTE L = 0.50 m P = 0.00 %	PENTE L = 0.50 m P = 0.00 %	PENTE L = 0.50 m P = 0.00 %	PENTE L = 0.50 m P = 0.00 %



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

Profil n°: 3
PK: 307.000
X : 418766.06
Y : 5391367.53

UTM 32 / NHN



Echelle en X : 1/100
Echelle en Y : 1/100
PC : 122.00 m

Altitudes TN	136.16	136.21	136.20	136.16	136.12	136.13	136.24	136.26	135.99	135.39	135.12	134.82	134.14	133.50	132.86	132.64	132.41	132.12
Distances Cumulées	0.00	0.90	2.81	4.70	5.66	7.00	7.26	7.90	8.79	9.83	10.43	10.99	13.11	14.12	14.95	15.96	17.35	18.72
Pentes		RAMPE L = 1.91 m P = -0.52 %	PENTE L = 1.90 m P = -2.43 %		RAMPE L = 1.34 m P = 1.27 %						PENTE L = 2.13 m P = -31.81 %					PENTE L = 1.39 m P = -16.26 %	PENTE L = 1.37 m P = -21.08 %	



Voies Navigables de France

Restauration du parement amont des écluses de GAMBSHEIM

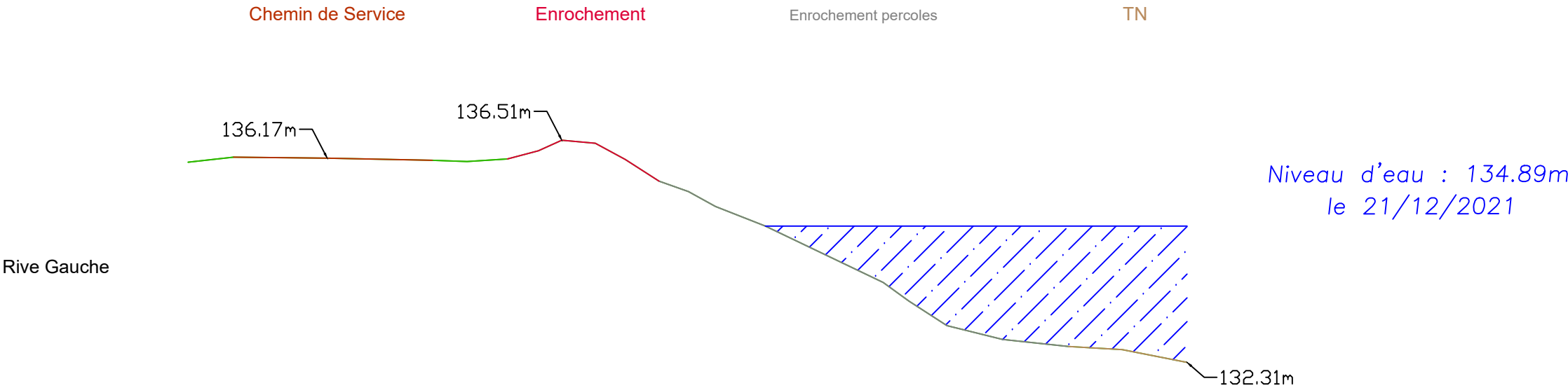
Profil n°: 4

UTM 32 / NHN

PK: 307.025

X : 418776.07

Y : 5391385.62



Echelle en X : 1/100

Echelle en Y : 1/100

PC : 122.00 m

Altitudes TN	136.09	136.19	136.17	136.13	136.10	136.15	136.31	136.51	136.45	136.15	135.73	135.54	135.26	134.89	133.82	133.47	133.01	132.75	132.61	132.55	132.31
Distances Cumulées	0.00	0.86	2.62	4.61	5.26	6.02	6.61	7.05	7.68	8.25	8.88	9.44	9.95	10.89	13.11	13.60	14.31	15.36	16.61	17.62	18.85
Pentes		PENTE L = 1.77 m P = -1.13 %	PENTE L = 1.98 m P = -2.02 %											PENTE L = 2.22 m P = -47.87 %					PENTE L = 1.24 m P = -10.61 %	PENTE L = 1.01 m P = -5.82 %	PENTE L = 1.22 m P = -19.78 %



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

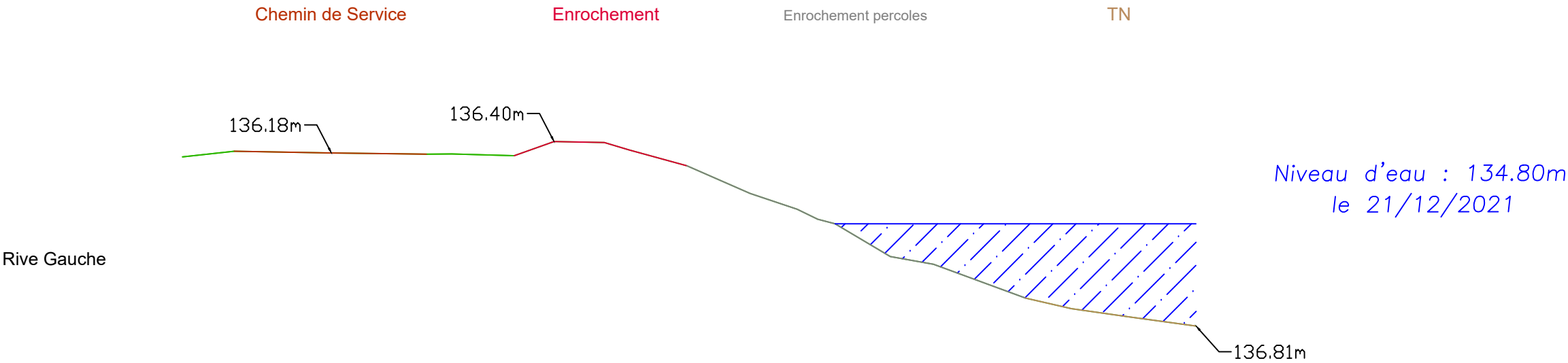
Profil n°: 5

UTM 32 / NHN

PK: 307.050

X : 418784.35

Y : 5391401.26



Echelle en X : 1/100

Echelle en Y : 1/100

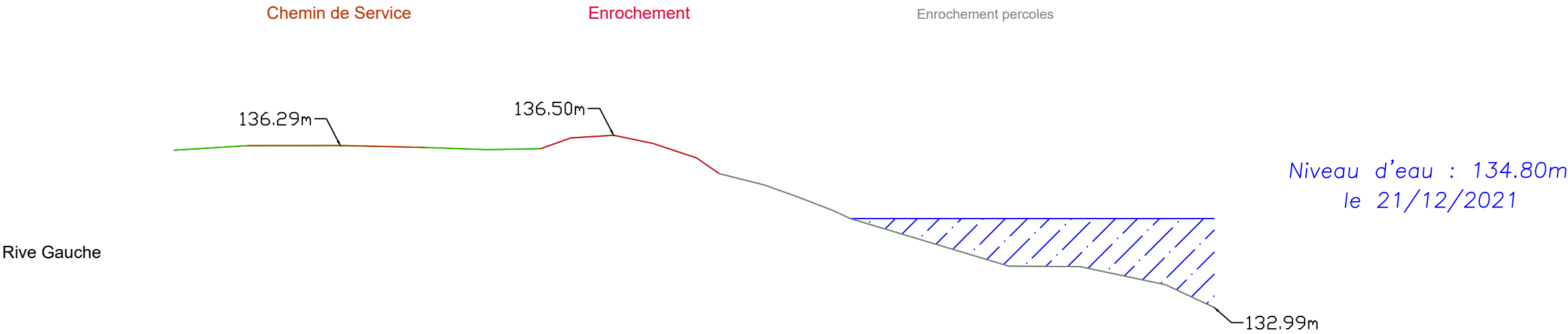
PC : 122.00 m

Altitudes TN	136.10 136.22 136.18 136.16 136.16 136.13 136.40 136.38 136.24 135.93 135.39 135.09 134.89 134.80 134.17 134.01 133.36 133.15 133.00 132.81																	
Distances Cumulées	0.00 1.01 2.90 4.76 5.24 6.45 7.23 8.21 8.69 9.81 11.04 11.95 12.35 12.69 13.77 14.60 16.40 17.29 18.37 19.71																	
Pentes	RAMPE L = 1.01 m P = 11.11 %	PENTE L = 1.89 m P = -1.80 %	PENTE L = 1.86 m P = -1.29 %	PENTE L = 1.21 m P = -2.72 %	PENTE L = 0.98 m P = -2.04 %	PENTE L = 1.13 m P = -27.43 %	PENTE L = 1.23 m P = -43.93 %	PENTE L = 1.07 m P = -59.30 %	PENTE L = 1.79 m P = -36.66 %	PENTE L = 1.08 m P = -14.35 %	PENTE L = 1.35 m P = -13.75 %							



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

Profil n°: 6
UTM 32 / NHN
PK: 307.075
X : 418798.47
Y : 55391428.64



Echelle en X : 1/100
Echelle en Y : 1/100
PC : 122.00 m

Altitudes TN	136.20	136.29	136.29	136.25	136.21	136.23	136.45	136.50	136.34	136.04	135.72	135.49	135.25	134.97	134.80	133.83	133.82	133.46	132.99
Distances Cumulées	0.00	1.51	3.39	5.14	6.39	7.48	8.09	8.96	9.77	10.65	11.12	12.04	12.71	13.43	13.80	17.02	18.48	20.22	21.21
Pentes		RAMPE L = 1.51 m P = 6.17 %	RAMPE L = 1.88 m P = 0.11 %	PENTE L = 1.75 m P = -2.23 %	PENTE L = 1.25 m P = -3.60 %	RAMPE L = 1.09 m P = 1.92 %									PENTE L = 3.23 m P = -30.05 %		PENTE L = 1.45 m P = -0.62 %	PENTE L = 1.74 m P = -21.19 %	

UTM 32 / NHN

X: 418807.07

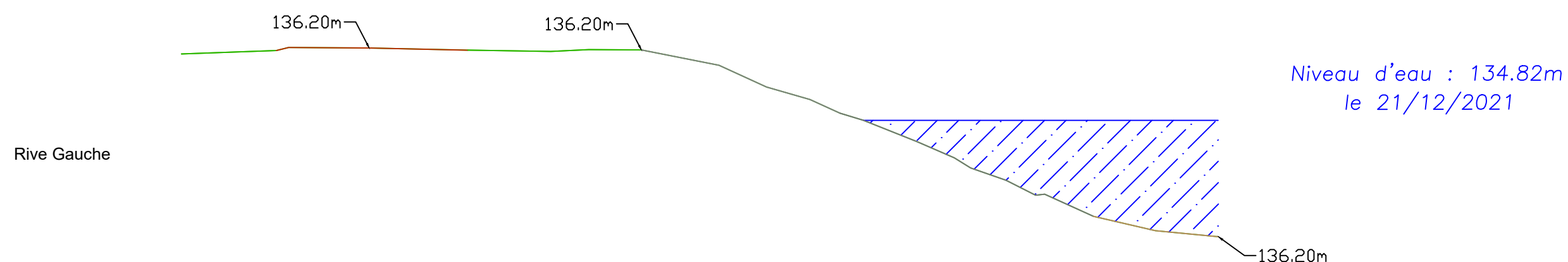
Y : 5391446.44

Chemin de Service

Enrochement percoles

Revêtement bitumineux

TN



Echelle en X : 1/100

Echelle en Y : 1/100

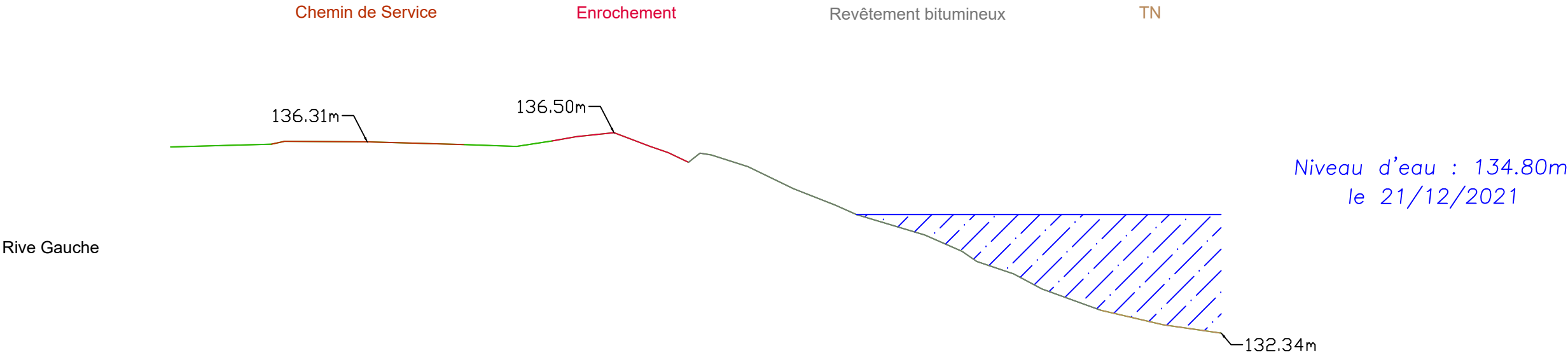
PC : 122.00 m

Altitudes TN	136.21																		136.29																		136.35																		136.34																		136.29																		136.27																		136.30																		136.30																		135.98																		135.52																		135.26																		134.97																		134.82																		134.38																		134.04																		133.83																		133.57																		133.25																		132.81																		132.51																		132.38																																			
Distances Cumulées	0.00																		1.99																		2.24																		3.93																		5.99																		7.73																		8.52																		9.62																		11.24																		12.24																		13.15																		13.77																		14.27																		15.39																		16.17																		16.51																		17.25																		17.87																		18.05																		19.08																		20.37																		21.69																	
Pentes	RAMPE L = 1.99 m P = 3.68 %																		PENTE L = 1.69 m P = -0.59 %																		PENTE L = 2.06 m P = -2.19 %																		PENTE L = 1.73 m P = -1.54 %																		PENTE L = 1.10 m P = -0.54 %																		PENTE L = 1.62 m P = -19.84 %																		PENTE L = 1.12 m P = -39.96 %																		PENTE L = 1.30 m P = -23.22 %																		PENTE L = 1.32 m P = -9.70 %																																																																																																																																																																																																																																																											



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

Profil n°: 7bis
UTM 32 / NHN
PK: 307.105
X : 418809.42
Y : 5391451.21



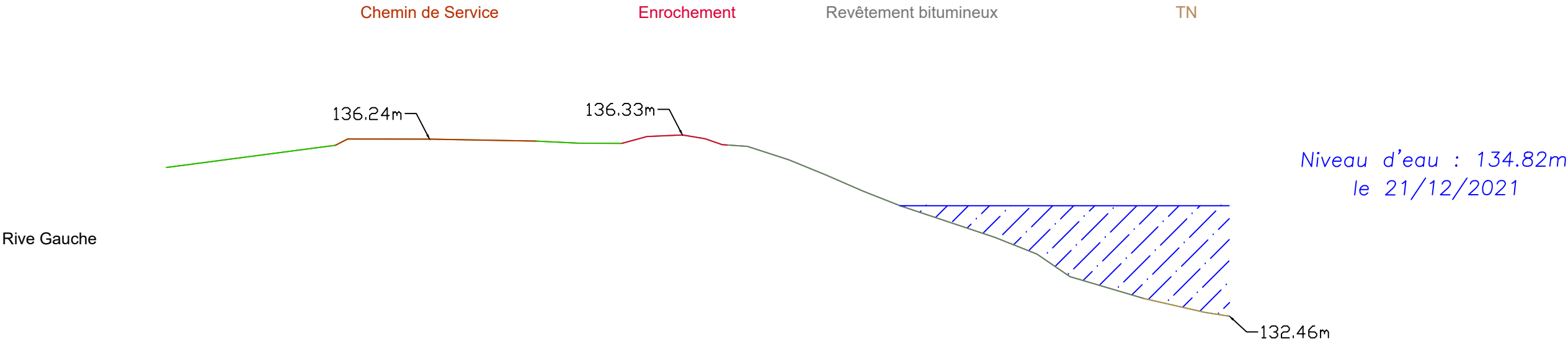
Echelle en X : 1/100
Echelle en Y : 1/100
PC : 122.00 m

Altitudes TN	136.21	136.27 136.32	136.31	136.26	136.22	136.33	136.42	136.50	136.22	136.09	135.88	135.88	135.80	135.34	135.00	134.80	134.38	134.04	133.83	133.57	133.25	132.81	132.51	132.34
Distances Cumulées	0.00	2.10 2.37	4.09	6.11	7.19	7.94	8.44	9.22	9.96	10.35	10.77	11.25	12.01	12.95	13.82	14.26	15.69	16.46	16.77	17.53	18.12	19.35	20.64	21.85
Pentes		RAMPE L = 2.10 m P = 2.77 %	PENTE L = 1.72 m P = -0.70 %	PENTE L = 2.02 m P = -2.84 %	PENTE L = 1.09 m P = -3.37 %										PENTE L = 1.42 m P = -30.01 %						PENTE L = 1.22 m P = -36.09 %	PENTE L = 1.29 m P = -23.31 %	PENTE L = 1.21 m P = -14.43 %	



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

Profil n°: 8
UTM 32 / NHN
PK: 307.125
X : 418815.63
Y : 5391466.97



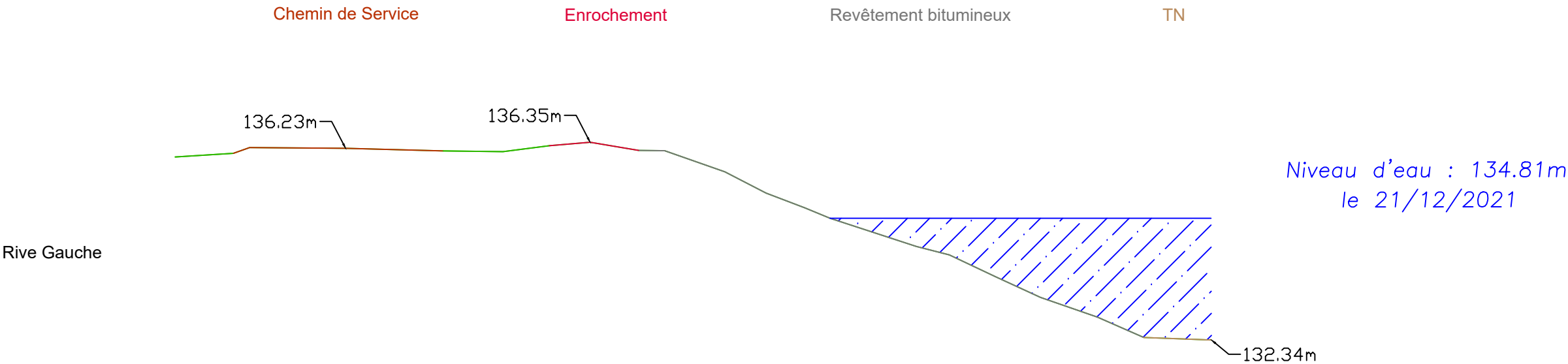
Echelle en X : 1/100
Echelle en Y : 1/100
PC : 122.00 m

Altitudes TN	135.64	136.11	136.24	136.20	136.15	136.15	136.30	136.33	136.25	136.12	136.09	135.80	135.47	135.13	134.82	134.15	133.79	133.31	132.84	132.55	132.46
Distances Cumulées	0.00	3.61	5.61	7.90	8.80	9.71	10.25	11.01	11.49	11.86	12.39	13.27	14.08	14.85	15.65	17.67	18.57	19.27	20.85	22.15	22.68
Pentes		RAMPE L = 3.61 m P = 13.16 %	PENTE L = 1.75 m P = -0.11 %	PENTE L = 2.28 m P = -1.84 %	PENTE L = 0.90 m P = -1.48 %	PENTE L = 0.90 m P = -1.00 %	PENTE L = 0.54 m P = -2.22 %	PENTE L = 0.76 m P = -1.45 %	PENTE L = 0.48 m P = -1.08 %	PENTE L = 0.37 m P = -0.84 %	PENTE L = 0.63 m P = -1.16 %	PENTE L = 0.88 m P = -2.04 %	PENTE L = 0.81 m P = -1.40 %	PENTE L = 0.76 m P = -1.07 %	PENTE L = 2.02 m P = -33.41 %	PENTE L = 0.80 m P = -2.03 %	PENTE L = 0.74 m P = -1.08 %	PENTE L = 0.54 m P = -2.95 %	PENTE L = 1.58 m P = -29.56 %	PENTE L = 1.30 m P = -22.83 %	PENTE L = 0.50 m P = -1.08 %



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

Profil n°: 8bis
UTM 32 / NHN
PK: 307.145
X : 418821.80
Y : 5391474.26



Echelle en X : 1/100
Echelle en Y : 1/100
PC : 122.00 m

Altitudes TN	136.05	136.13	136.24	136.23	136.18	136.16	136.28	136.35	136.19	136.18	135.75	135.32	135.02	134.81	134.24	134.07	133.62	133.21	132.81	132.39	132.34
Distances Cumulées	0.00	1.18	1.51	3.45	5.43	6.64	7.58	8.41	9.39	9.91	11.13	11.97	12.75	13.27	15.01	15.68	16.62	17.53	18.68	19.62	20.99
Pentes	RAMPE L = 1.18 m P = 6.19 %	PENTE L = 1.95 m P = -0.77 %	PENTE L = 1.98 m P = -2.66 %	PENTE L = 1.21 m P = -1.19 %	PENTE L = 1.08 m P = -1.08 %	PENTE L = 1.08 m P = -1.08 %	PENTE L = 1.08 m P = -1.08 %	PENTE L = 1.08 m P = -1.08 %	PENTE L = 1.08 m P = -1.08 %	PENTE L = 1.08 m P = -1.08 %	PENTE L = 1.08 m P = -1.08 %	PENTE L = 1.08 m P = -1.08 %	PENTE L = 1.08 m P = -1.08 %	PENTE L = 1.08 m P = -1.08 %	PENTE L = 1.08 m P = -1.08 %	PENTE L = 1.08 m P = -1.08 %	PENTE L = 1.08 m P = -1.08 %	PENTE L = 1.08 m P = -1.08 %	PENTE L = 1.08 m P = -1.08 %	PENTE L = 1.08 m P = -1.08 %	PENTE L = 1.08 m P = -1.08 %



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

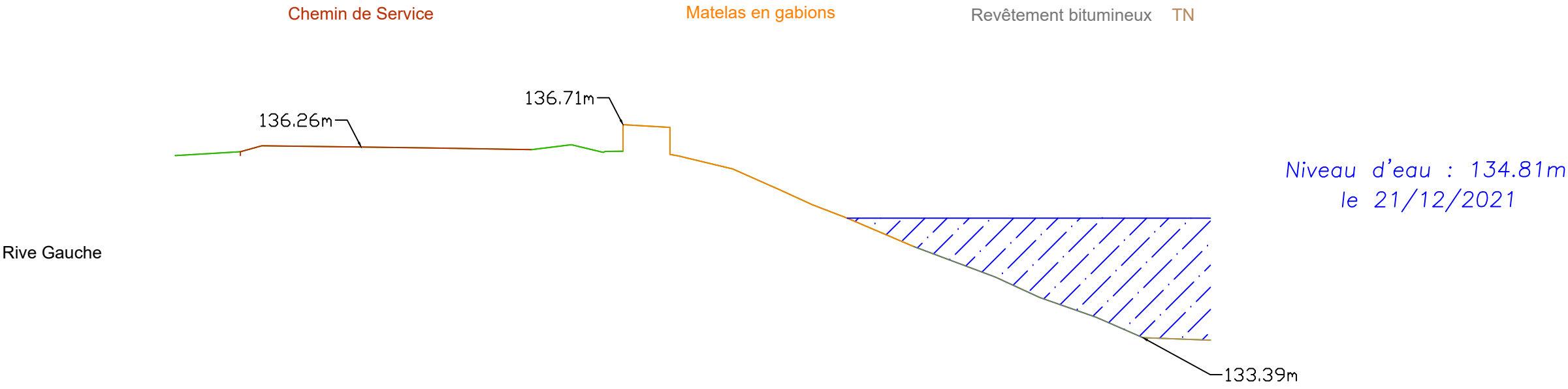
Profil n°: 9

UTM 32 / NHN

PK: 307.150

X : 418824.28

Y : 5391479.89



Echelle en X : 1/100

Echelle en Y : 1/100

PC : 122.00 m

Altitudes TN	136.08	136.16	136.28	136.26	136.24	136.20	136.30	136.15	136.17	136.65	135.81	135.38	135.09	134.81	134.24	133.62	133.21	132.81	132.39	132.34
Distances Cumulées	0.00	1.32	1.76	3.77	5.20	7.22	8.03	8.67	9.07	10.48	11.29	12.28	12.91	13.62	14.96	16.61	17.52	18.66	19.60	20.97
Pentes	RAMPE L = 1.32 m P = 6.05 %	PENTE L = 2.01 m P = -1.24 %	PENTE L = 1.43 m P = -1.40 %	PENTE L = 2.02 m P = -1.63 %						PENTE L = 1.11 m P = -24.04 %				PENTE L = 1.35 m P = -42.73 %	PENTE L = 1.65 m P = -37.37 %		PENTE L = 1.14 m P = -35.09 %		PENTE L = 1.37 m P = -3.65 %	



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

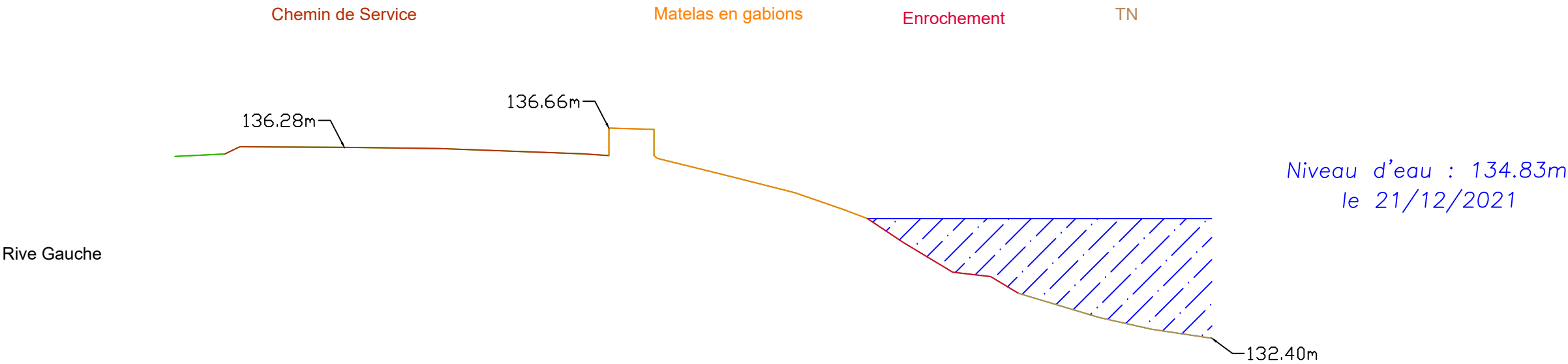
Profil n°: 10

UTM 32 / NHN

PK: 301.175

X : 418835.45

Y : 5391504.39



Echelle en X : 1/100

Echelle en Y : 1/100

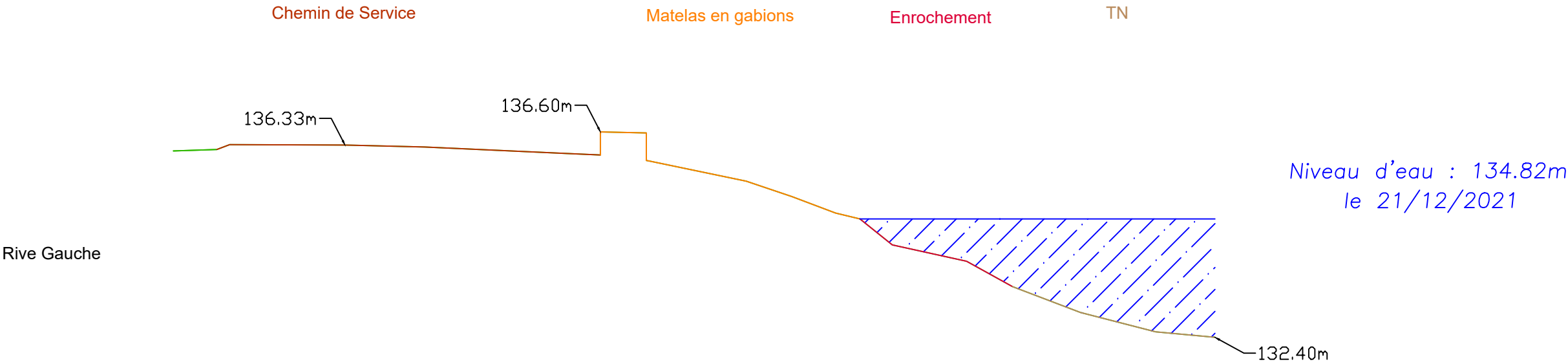
PC : 122.00 m

Altitudes TN	136.09	136.14	136.29	136.28	136.25	136.14	136.66	136.66	135.67	135.35	135.01	134.83	134.35	133.74	133.65	133.32	132.83	132.59	132.40
Distances Cumulées	0.00	1.01	1.31	3.44	5.38	8.25	8.80	9.72	11.33	12.57	13.58	14.05	14.76	15.77	16.54	17.11	18.75	19.80	21.03
Pentes	RAMPE L = 1.01 m P = 4.74 %	PENTE L = 2.12 m P = -0.57 %		PENTE L = 1.95 m P = -1.23 %	PENTE L = 2.87 m P = -3.73 %	PENTE L = 1.08 m P = -4.41 %	PENTE L = 1.08 m P = -2.33 %	PENTE L = 1.55 m P = -24.72 %	PENTE L = 1.24 m P = -25.18 %	PENTE L = 1.01 m P = -2.04 %	PENTE L = 0.47 m P = -2.04 %	PENTE L = 0.47 m P = -2.04 %	PENTE L = 0.33 m P = -2.04 %	PENTE L = 0.33 m P = -2.04 %	PENTE L = 0.33 m P = -2.04 %	PENTE L = 0.33 m P = -2.04 %	PENTE L = 1.64 m P = -29.90 %	PENTE L = 1.08 m P = -2.04 %	PENTE L = 1.23 m P = -15.03 %



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

Profil n°: 11
UTM 32 / NHN
PK: 307.200
X : 418844.15
Y : 5391524.66



Echelle en X : 1/100
Echelle en Y : 1/100
PC : 122.00 m

Altitudes TN	136.21	136.24	136.34	136.33	136.30	136.16	136.13	136.52	135.60	135.28	134.95	134.82	134.29	133.96	133.44	132.91	132.51	132.40
Distances Cumulées	0.00	0.89	1.15	3.51	5.15	8.03	8.74	9.68	11.73	12.66	13.55	14.05	14.71	16.24	17.18	18.57	20.10	21.32
Pentes		PENTE L = 2.36 m P = -0.34 %		PENTE L = 1.64 m P = -2.45 %		PENTE L = 2.88 m P = -4.59 %		PENTE L = 1.97 m P = -20.80 %					PENTE L = 1.52 m P = -22.09 %		PENTE L = 1.39 m P = -38.11 %	PENTE L = 1.54 m P = -25.74 %	PENTE L = 1.22 m P = -9.28 %	



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

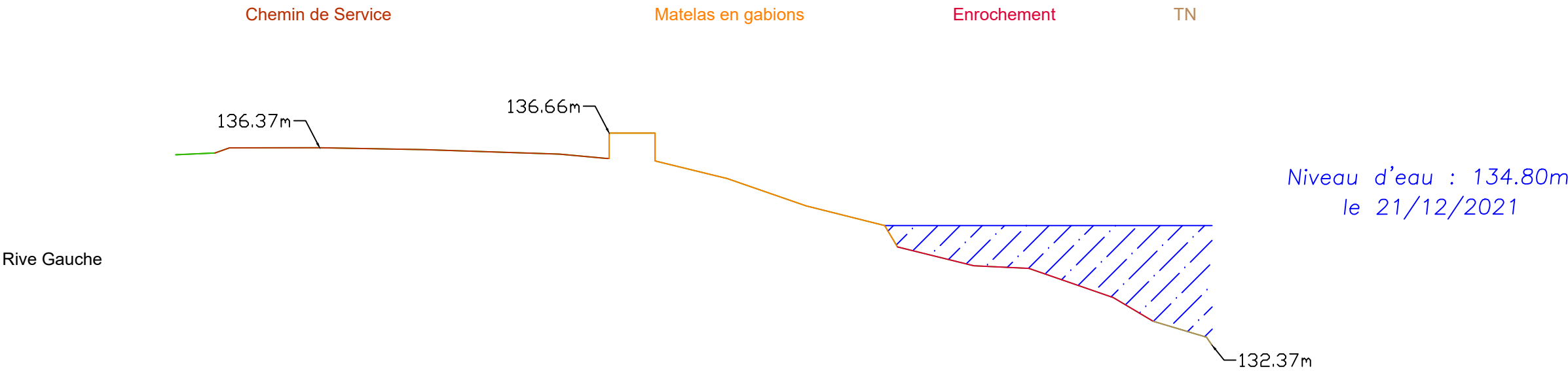
Profil n°: 12

UTM 32 / NHN

PK: 307.225

X : 418852.37

Y : 5391544.71



Echelle en X : 1/100

Echelle en Y : 1/100

PC : 122.00 m

Altitudes TN	136.23	136.26	136.37	136.37	136.33	136.24	136.16	136.06	135.75	135.19	134.80	133.98	133.93	133.34	132.86	132.54
Distances Cumulées	0.00	0.79	1.09	2.91	5.00	7.75	8.70	9.68	11.14	12.73	14.32	16.12	17.23	18.94	19.74	20.84
Pentes		RAMPE L = 1.82 m P = 0.05 %	PENTE L = 2.10 m P = -1.81 %	PENTE L = 2.75 m P = -3.31 %		RAMPE L = 0.93 m P = 0.11 %	PENTE L = 1.46 m P = -24.46 %	PENTE L = 1.59 m P = -34.61 %	PENTE L = 1.59 m P = -25.14 %	PENTE L = 1.54 m P = -24.63 %	PENTE L = 1.11 m P = -4.77 %	PENTE L = 1.71 m P = -34.70 %	PENTE L = 1.08 m P = -29.82 %			



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

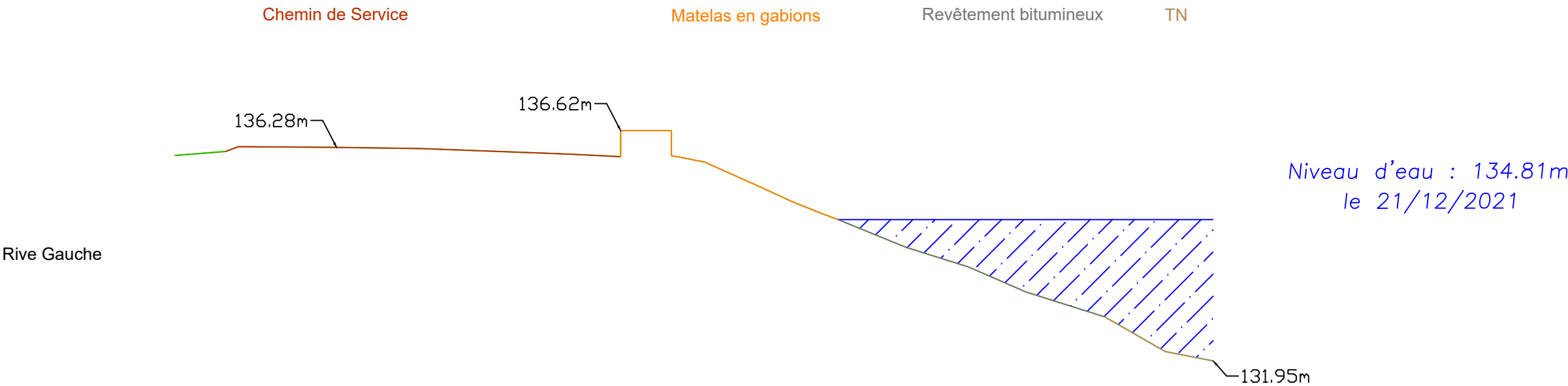
Profil n°: 12bis

UTM 32 / NHN

PK: 307.240

X : 418859.40

Y : 5391563.26



Echelle en X : 1/100

Echelle en Y : 1/100

PC : 122.00 m

Altitudes TN	136.11	136.19	136.28	136.25	136.14	136.02	136.02	135.98	135.52	135.19	134.95	134.81	134.25	133.86	133.35	132.84	132.14	131.95
Distances Cumulées	0.00	1.02	3.27	4.97	7.97	9.02	10.95	10.72	11.75	12.48	13.07	13.43	14.81	16.07	17.23	18.84	20.06	21.03
Pentes	RAMPE L = 1.02 m P = 7.73 %	PENTE L = 1.99 m P = -0.75 %	PENTE L = 1.70 m P = -1.35 %	PENTE L = 3.00 m P = -3.77 %	PENTE L = 1.06 m P = -4.82 %	RAMPE L = 1.03 m P = 0.10 %	PENTE L = 1.03 m P = -0.02 %	PENTE L = 1.03 m P = -0.02 %	PENTE L = 1.03 m P = -0.02 %	PENTE L = 1.03 m P = -0.02 %	PENTE L = 1.03 m P = -0.02 %	PENTE L = 1.03 m P = -0.02 %	PENTE L = 1.38 m P = -40.81 %	PENTE L = 1.26 m P = -31.31 %	PENTE L = 1.16 m P = -43.57 %	PENTE L = 1.61 m P = -31.68 %	PENTE L = 1.22 m P = -57.29 %	PENTE L = 1.03 m P = -0.02 %



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

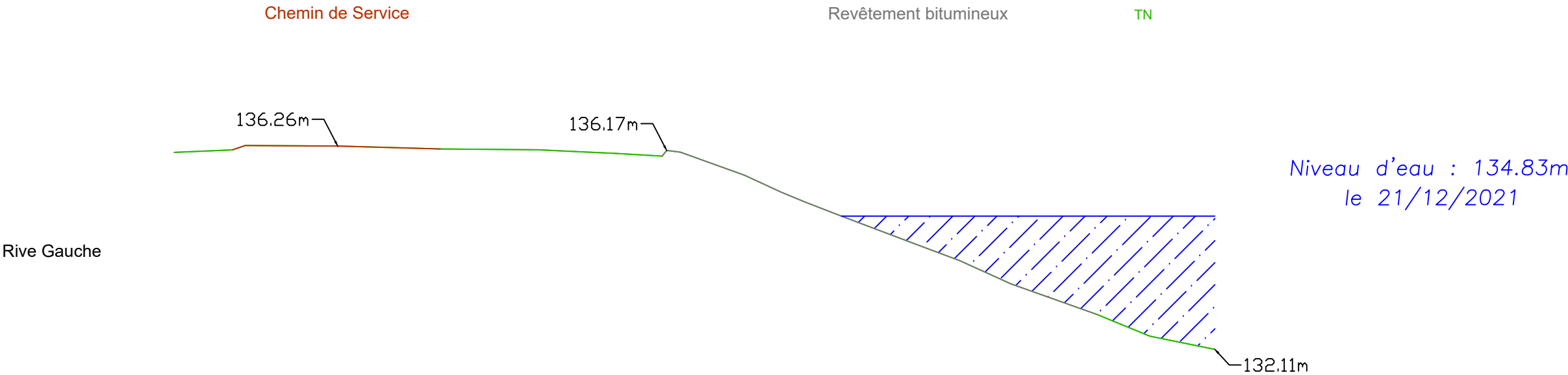
Profil n°: 13

UTM 32 / NHN

PK: 307.250

X : 418863.47

Y : 5391574.53



Echelle en X : 1/100

Echelle en Y : 1/100

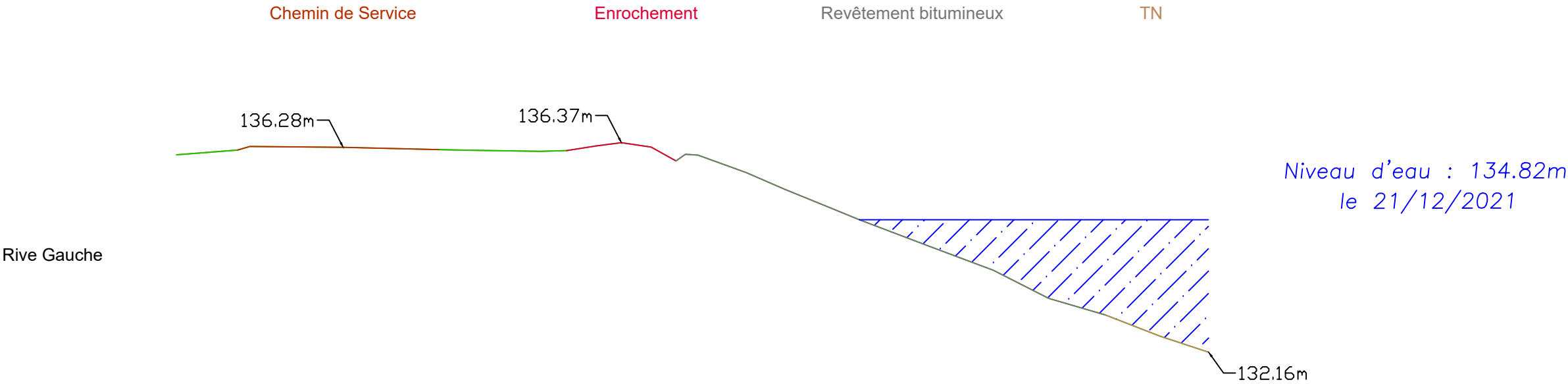
PC : 122.00 m

Altitudes TN	136.13	136.18	136.27	136.26	136.20	136.18	136.11	136.05	136.13	135.66	135.32	135.11	134.83	134.23	133.92	133.45	132.82	132.38	132.11
Distances Cumulées	0.00	1.18	1.44	3.33	5.43	7.41	9.03	9.94	10.31	11.62	12.37	12.85	13.59	15.17	16.00	17.04	18.79	19.87	21.19
Pentes	RAMPE L = 1.18 m P = 4.40 %	PENTE L = 1.89 m P = -0.64 %	PENTE L = 2.10 m P = -2.76 %	PENTE L = 1.98 m P = -0.86 %	PENTE L = 1.63 m P = -4.67 %	PENTE L = 1.31 m P = -35.97 %	PENTE L = 1.58 m P = -37.89 %	PENTE L = 1.75 m P = -35.56 %	PENTE L = 1.08 m P = -41.06 %	PENTE L = 1.32 m P = -20.32 %									



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

Profil n°: 14
UTM 32 / NHN
PK: 307.275
X : 418871.04
Y : 5391596.62



Echelle en X : 1/100
Echelle en Y : 1/100
PC : 122.00 m

Altitudes TN	136.13	136.22	136.36	136.28	136.23	136.22	136.20	136.21	136.30	136.37	136.28	136.09	136.12	135.77	135.43	135.13	134.82	134.28	133.81	133.24	132.91	132.49	132.16
Distances Cumulées	0.00	1.23	1.47	3.35	5.29	5.93	7.31	7.85	8.43	8.95	9.55	10.94	10.48	11.46	12.23	12.98	13.73	15.15	16.42	17.54	18.68	19.77	20.75
Pentes	RAMPE L = 1.23 m P = 7.81 %	PENTE L = 1.88 m P = -0.96 %	PENTE L = 1.94 m P = -2.42 %	PENTE L = 1.39 m P = -1.51 %	PENTE L = 1.39 m P = -1.51 %	PENTE L = 1.39 m P = -1.51 %	PENTE L = 1.39 m P = -1.51 %	PENTE L = 1.39 m P = -1.51 %	PENTE L = 1.39 m P = -1.51 %	PENTE L = 1.39 m P = -1.51 %	PENTE L = 1.39 m P = -1.51 %	PENTE L = 1.39 m P = -1.51 %	PENTE L = 1.39 m P = -1.51 %	PENTE L = 1.39 m P = -1.51 %	PENTE L = 1.39 m P = -1.51 %	PENTE L = 1.39 m P = -1.51 %	PENTE L = 1.39 m P = -1.51 %	PENTE L = 1.39 m P = -1.51 %	PENTE L = 1.39 m P = -1.51 %	PENTE L = 1.39 m P = -1.51 %	PENTE L = 1.39 m P = -1.51 %	PENTE L = 1.39 m P = -1.51 %	PENTE L = 1.39 m P = -1.51 %



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

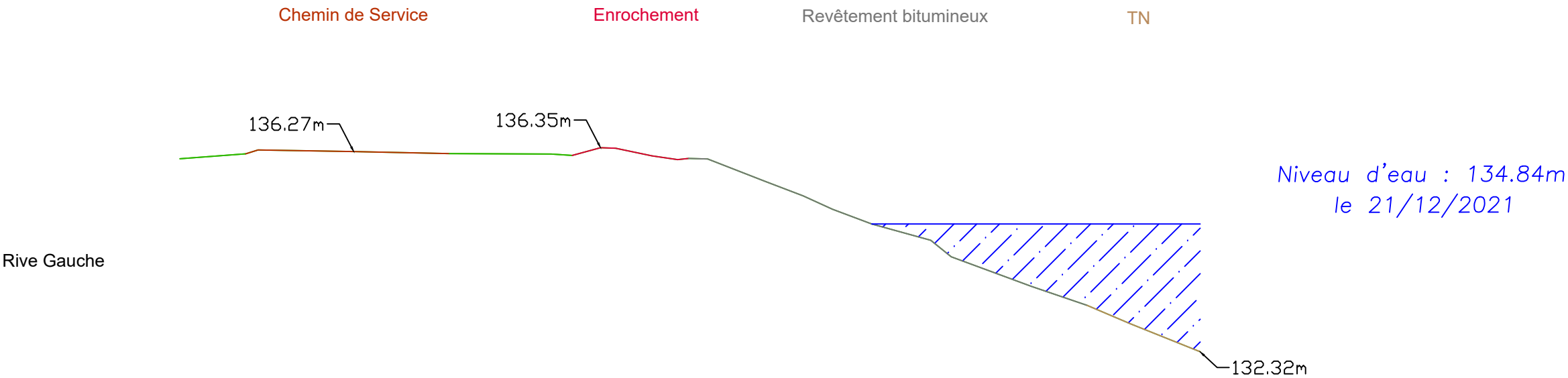
Profil n°: 15

UTM 32 / NHN

PK: 307.300

X : 418879.01

Y : 5391620.23



Echelle en X : 1/100

Echelle en Y : 1/100

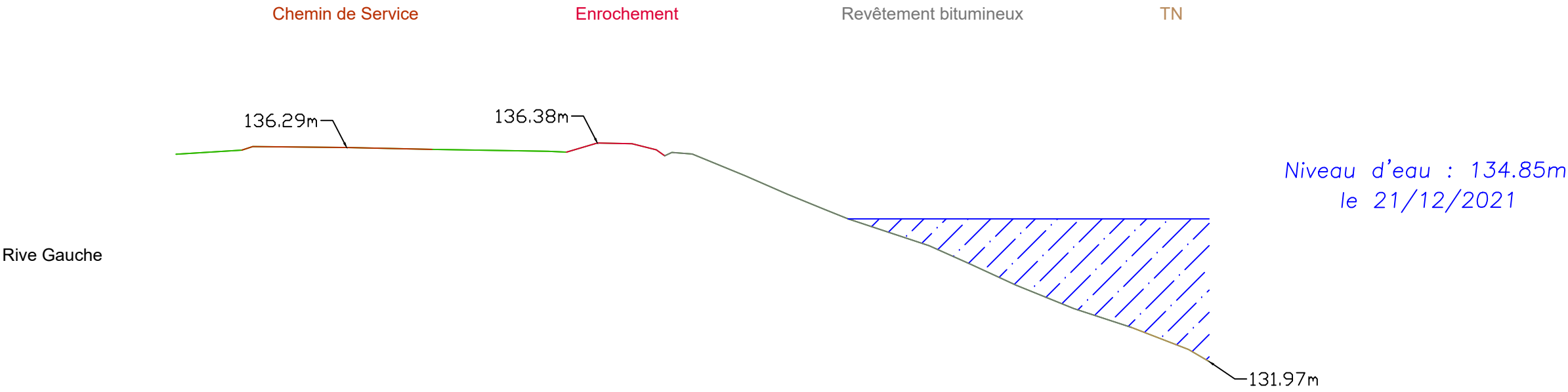
PC : 122.00 m

Altitudes TN	136.13	136.23	136.27	136.23	136.22	136.19	136.35	136.34	136.19	136.11	136.14	136.13	135.69	135.40	135.13	134.84	134.52	134.20	133.61	133.24	132.87	132.32
Distances Cumulées	0.00	1.30	3.43	5.32	7.32	7.74	8.30	8.59	9.31	9.82	10.64	10.41	11.53	12.29	12.87	13.65	14.81	15.21	16.79	17.90	18.75	20.13
Pentes	RAMPE L = 1.30 m P = 7.55 %	PENTE L = 1.89 m P = -1.64 %	PENTE L = 1.89 m P = -2.12 %	PENTE L = 2.01 m P = -0.45 %	PENTE L = 1.12 m P = -38.90 %	PENTE L = 1.16 m P = -27.68 %	PENTE L = 1.58 m P = -36.88 %	PENTE L = 1.10 m P = -34.16 %	PENTE L = 1.38 m P = -40.05 %													



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

Profil n°: 16
UTM 32 / NHN
PK: 307.325
X : 418886.65
Y : 5391643.58



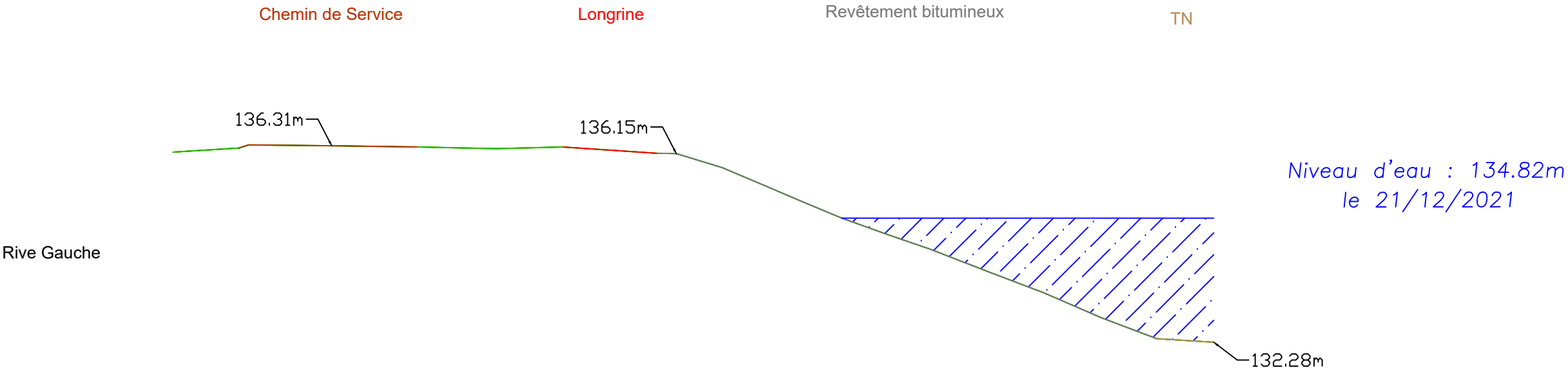
Echelle en X : 1/100
Echelle en Y : 1/100
PC : 122.00 m

Altitudes TN	136.15	136.33	136.29	136.25	136.21	136.19	136.38	136.36	136.24	136.19	136.15	135.71	135.34	135.03	134.85	134.30	133.93	133.51	133.04	132.66	132.21	131.97
Distances Cumulées	0.00	1.33	3.44	5.17	7.51	7.87	8.49	9.19	9.68	9.99	10.40	11.48	12.32	13.08	13.54	15.18	16.02	16.93	18.09	19.26	20.41	20.82
Pentes	RAMPE L = 1.33 m P = 6.34 %	PENTE L = 1.89 m P = -0.95 %	PENTE L = 1.73 m P = -2.19 %	PENTE L = 2.33 m P = -1.67 %	PENTE L = 1.07 m P = -41.08 %	PENTE L = 1.64 m P = -33.20 %	PENTE L = 1.16 m P = -40.71 %	PENTE L = 1.16 m P = -32.59 %	PENTE L = 1.15 m P = -38.81 %													



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

Profil n°: 17
PK: 307.350
X : 418894.87
Y : 5391668.70
UTM 32 / NHN



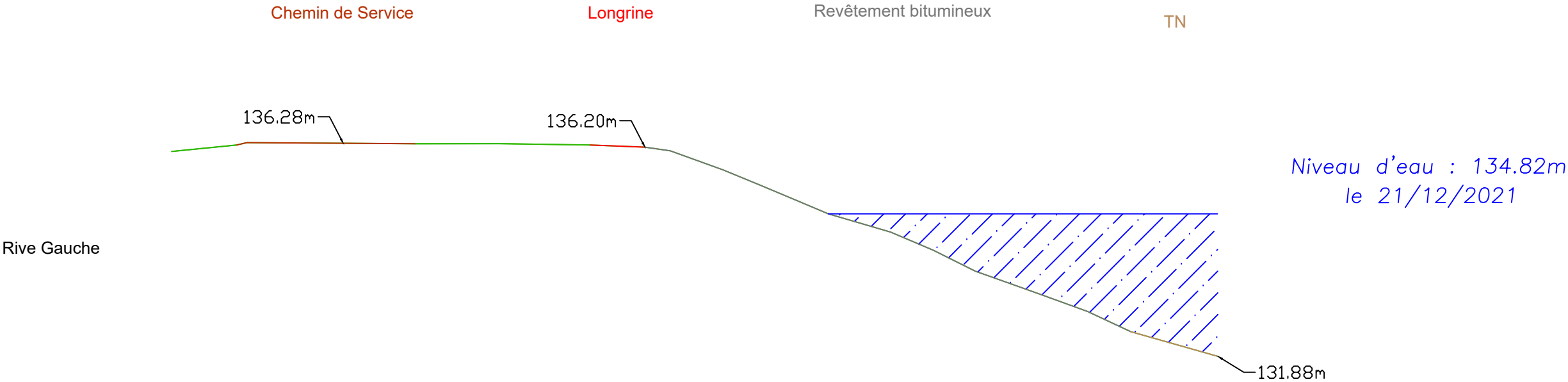
Echelle en X : 1/100
Echelle en Y : 1/100
PC : 122.00 m

Altitudes TN	136.18	136.33	136.31	136.28	136.25	136.28	136.16	136.15	135.86	135.48	135.17	134.82	134.48	134.19	133.70	133.30	132.78	132.35	132.28
Distances Cumulées	0.00	1.36	3.26	5.03	6.63	8.01	9.93	10.33	11.28	12.18	12.91	13.73	14.70	15.55	16.81	17.88	19.06	20.20	21.38
Pentes	RAMPE L = 1.36 m P = 6.18 %	PENTE L = 1.71 m P = -1.00 %	PENTE L = 1.77 m P = -1.53 %	PENTE L = 1.60 m P = -1.99 %	RAMPE L = 1.38 m P = 2.32 %	PENTE L = 1.92 m P = -6.72 %	PENTE L = 0.80 m P = 1.00 %	PENTE L = 0.40 m P = -0.07 %	PENTE L = 0.80 m P = -0.02 %	PENTE L = 0.70 m P = -0.08 %	PENTE L = 0.80 m P = -0.10 %	PENTE L = 0.80 m P = -0.01 %	PENTE L = 0.80 m P = -0.01 %	PENTE L = 1.26 m P = -38.72 %	PENTE L = 1.07 m P = -37.97 %	PENTE L = 1.18 m P = -43.16 %	PENTE L = 1.14 m P = -37.84 %	PENTE L = 1.18 m P = -6.26 %	



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

Profil n°: 17bis
UTM 32 / NHN
PK: 307.360
X : 418899.51
Y : 5391682.87



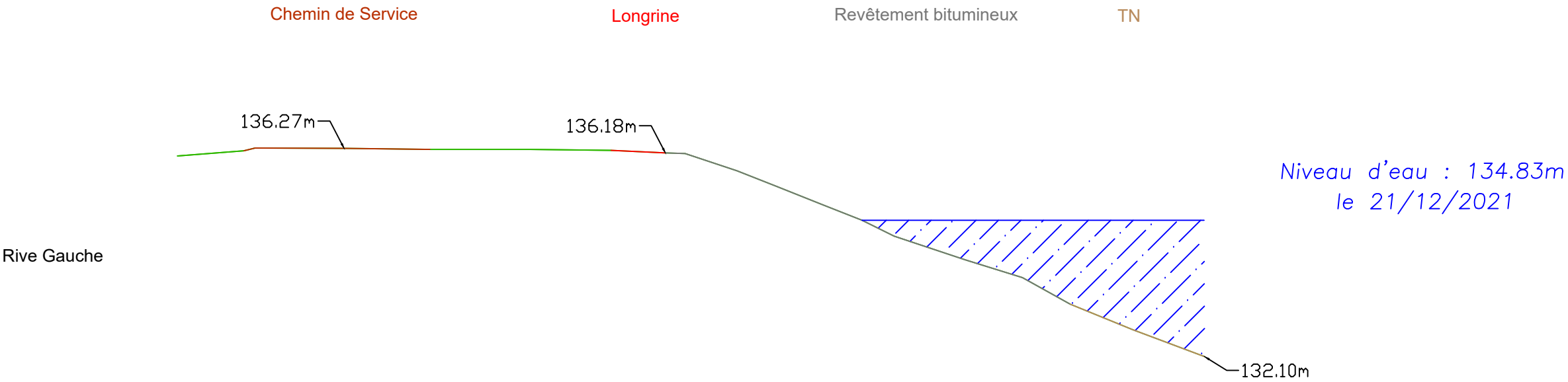
Echelle en X : 1/100
Echelle en Y : 1/100
PC : 122.00 m

Altitudes TN	136.11	136.24	136.28	136.27	136.27	136.24	136.20	136.12	135.73	135.42	135.10	134.82	134.45	134.07	133.64	133.16	132.81	132.39	131.88
Distances Cumulées	0.00	1.34	3.54	5.04	6.77	8.65	9.78	10.30	11.39	12.15	12.91	13.57	14.85	15.73	16.60	17.96	18.92	19.82	21.62
Pentes	RAMPE L = 1.34 m P = 9.99 %	PENTE L = 3.49 m P = -0.63 %	RAMPE L = 1.73 m P = 0.12 %	PENTE L = 1.88 m P = -1.49 %	PENTE L = 1.13 m P = -3.89 %	PENTE L = 1.08 m P = -36.22 %	PENTE L = 1.29 m P = -29.28 %	PENTE L = 1.36 m P = -35.60 %	PENTE L = 1.80 m P = -28.28 %										



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

Profil n°: 18
PK: 307.375
X : 418902.46
Y : 5391691.89
UTM 32 / NHN



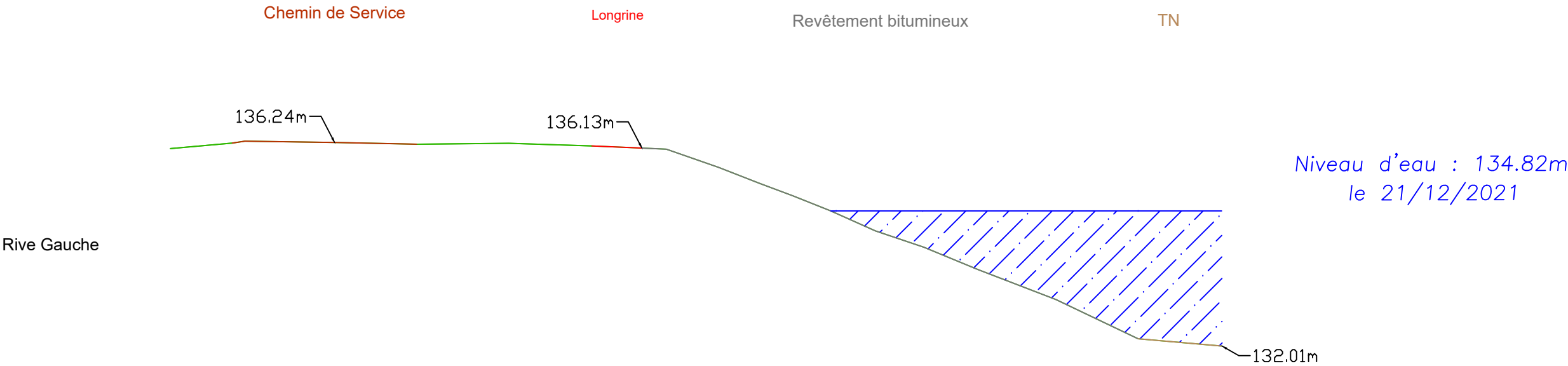
Echelle en X : 1/100
Echelle en Y : 1/100
PC : 122.00 m

Altitudes TN	136.11	136.27	136.27	136.25	136.25	136.23	136.18	136.16	135.82	135.51	135.14	134.83	134.51	134.04	133.68	133.15	132.64	132.10
Distances Cumulées	0.00	1.33	3.33	5.06	7.05	8.67	9.76	10.15	11.19	11.98	12.89	13.69	14.33	15.75	16.90	17.85	19.10	20.54
Pentes	RAMPE L = 1.33 m P = 7.83 %	PENTE L = 1.78 m P = -0.39 %	PENTE L = 1.73 m P = -1.21 %	RAMPE L = 1.99 m P = 0.00 %	PENTE L = 1.62 m P = -1.23 %	PENTE L = 1.08 m P = -4.70 %	PENTE L = 1.08 m P = -1.03 %	PENTE L = 1.08 m P = -1.03 %	PENTE L = 1.70 m P = -39.69 %	PENTE L = 1.08 m P = -1.03 %	PENTE L = 1.08 m P = -1.03 %	PENTE L = 1.42 m P = -33.35 %	PENTE L = 1.15 m P = -31.11 %	PENTE L = 1.25 m P = -40.93 %	PENTE L = 1.44 m P = -37.45 %			



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

Profil n°: 19
UTM 32 / NHN
PK: 307.400
X : 418910.81
Y : 5391717.44



Echelle en X : 1/100
Echelle en Y : 1/100
PC : 122.00 m

Altitudes TN	136.12	136.23	136.27	136.24	136.21	136.23	136.17	136.13	136.10	135.72	135.39	135.13	134.82	134.40	134.06	133.60	132.98	132.16	132.01
Distances Cumulées	0.00	1.29	1.55	3.42	5.14	7.05	8.78	9.82	10.33	11.42	12.27	12.96	13.75	14.68	15.69	16.82	18.44	20.15	21.90
Pentes	RAMPE L = 1.29 m P = 8.78 %	PENTE L = 1.87 m P = -1.44 %	PENTE L = 1.72 m P = -2.15 %	RAMPE L = 1.90 m P = 1.00 %	PENTE L = 1.73 m P = -3.12 %	PENTE L = 1.04 m P = -4.23 %	PENTE L = 1.09 m P = -34.73 %	PENTE L = 1.09 m P = -34.73 %	PENTE L = 1.09 m P = -34.73 %	PENTE L = 1.09 m P = -34.73 %	PENTE L = 1.09 m P = -34.73 %	PENTE L = 1.09 m P = -34.73 %	PENTE L = 1.09 m P = -34.73 %	PENTE L = 1.09 m P = -34.73 %	PENTE L = 1.09 m P = -34.73 %	PENTE L = 1.09 m P = -34.73 %	PENTE L = 1.09 m P = -34.73 %	PENTE L = 1.09 m P = -34.73 %	PENTE L = 1.09 m P = -34.73 %



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

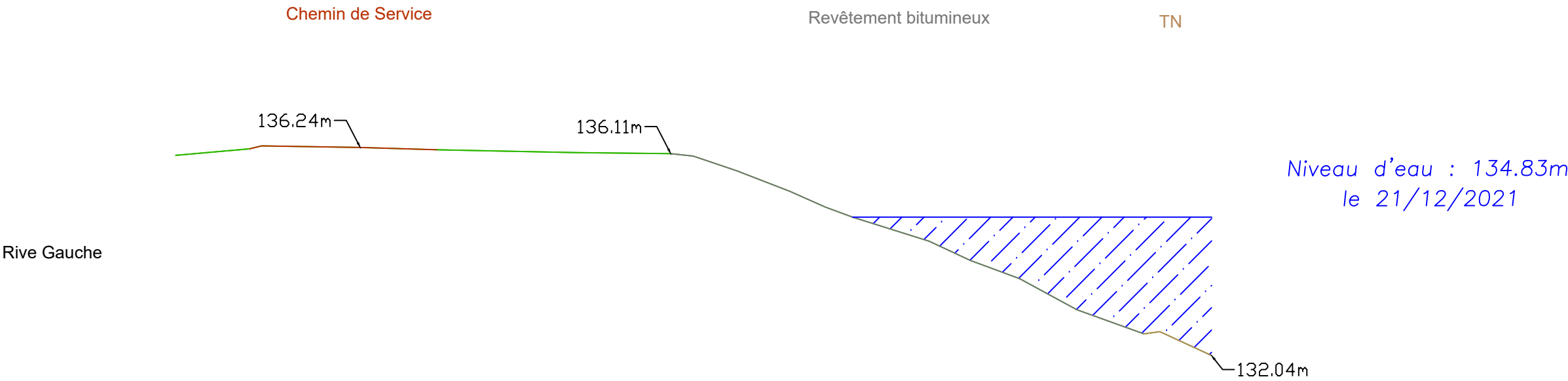
Profil n°: 20

UTM 32 / NHN

PK: 307.425

X : 418918.76

Y : 5391742.45



Echelle en X : 1/100

Echelle en Y : 1/100

PC : 122.00 m

Altitudes TN	136.08	136.21	136.24	136.19	136.13	136.11	136.06	135.76	135.35	135.03	134.83	134.34	133.96	133.59	132.96	132.48	132.52	132.04
Distances Cumulées	0.00	1.50	3.73	5.29	8.08	10.00	10.45	11.34	12.41	13.12	13.67	15.22	16.05	17.05	18.20	19.56	19.88	20.92
Pentes	RAMPE L = 1.50 m P = 8.76 %	PENTE L = 1.99 m P = -1.51 %	PENTE L = 1.56 m P = -3.08 %	PENTE L = 2.80 m P = -2.00 %	PENTE L = 1.91 m P = -1.10 %	PENTE L = 1.07 m P = -38.67 %	PENTE L = 1.55 m P = -31.31 %	PENTE L = 1.16 m P = -54.20 %	PENTE L = 1.36 m P = -35.94 %									



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

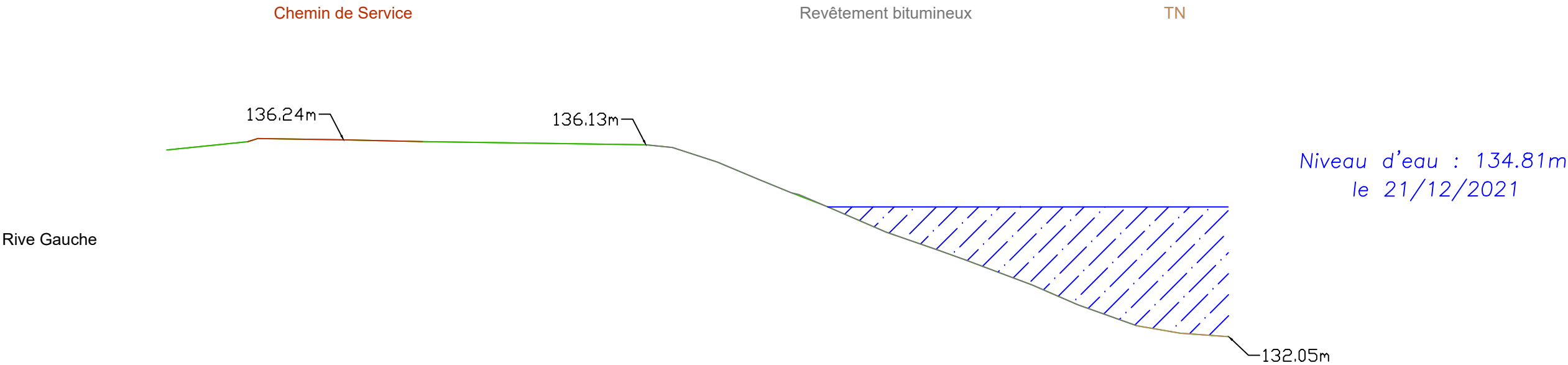
Profil n°: 21

UTM 32 / NHN

PK: 307.450

X : 418926.17

Y : 5391765.82



Echelle en X : 1/100

Echelle en Y : 1/100

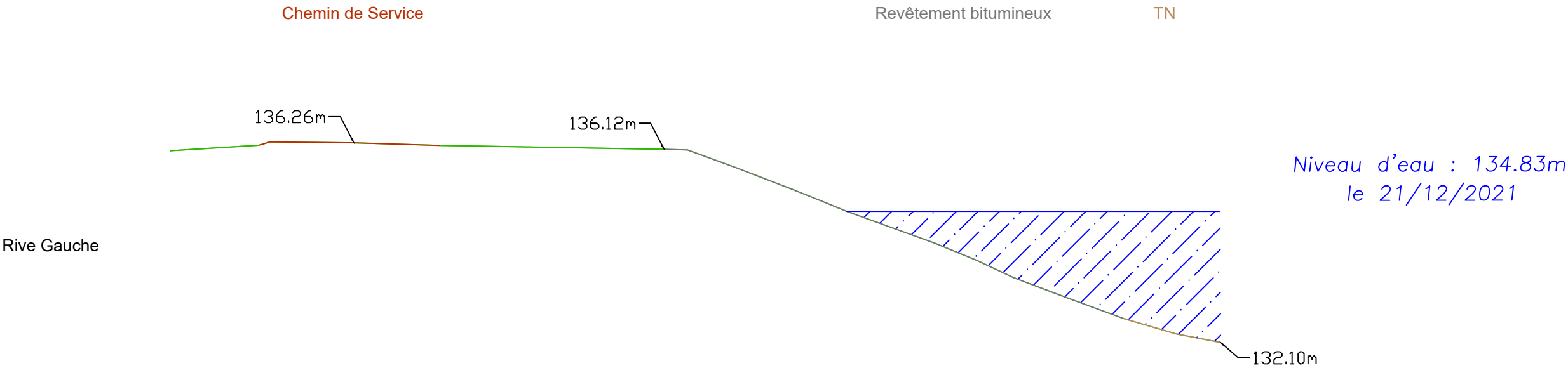
PC : 122.00 m

Altitudes TN	136.02	136.20	136.24	136.20	136.13	136.07	135.76	135.39	135.11	134.81	134.27	133.88	133.66	133.15	132.73	132.28	132.12	132.05
Distances Cumulées	0.00	1.72	3.76	5.46	10.20	10.76	11.71	12.61	13.29	14.07	15.30	16.44	17.05	18.41	19.39	20.64	21.56	22.60
Pentes	RAMPE L = 1.72 m P = 10.23 %	PENTE L = 1.82 m P = -1.48 %	PENTE L = 1.69 m P = -2.30 %	PENTE L = 4.74 m P = -1.41 %	PENTE L = 1.24 m P = -43.25 %	PENTE L = 1.14 m P = -34.67 %	PENTE L = 1.37 m P = -37.39 %	PENTE L = 1.25 m P = -35.55 %	PENTE L = 1.03 m P = -7.07 %									



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

Profil n°: 21bis
UTM 32 / NHN
PK: 307.460
X : 418928.88
Y : 5391774.37



Echelle en X : 1/100
Echelle en Y : 1/100
PC : 122.00 m

Altitudes TN	136.09	136.21	136.26	136.20		136.12	136.11	135.74	135.29	135.02	134.83		134.17	133.81	133.45	133.03	132.59	132.28	132.10	
Distances Cumulées	0.00	1.84	3.82	5.62		10.28	10.77	11.77	12.95	13.63	14.08		15.91	16.78	17.57	18.65	19.85	20.94	21.87	
Pentes	RAMPE L = 1.84 m P = 6.13 %		PENTE L = 1.74 m P = -1.15 %		PENTE L = 1.80 m P = -3.00 %		PENTE L = 4.66 m P = -1.74 %				PENTE L = 1.18 m P = -38.46 %		PENTE L = 1.83 m P = -36.14 %		PENTE L = 1.09 m P = -37.83 %		PENTE L = 1.20 m P = -36.62 %		PENTE L = 1.08 m P = -29.18 %	



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

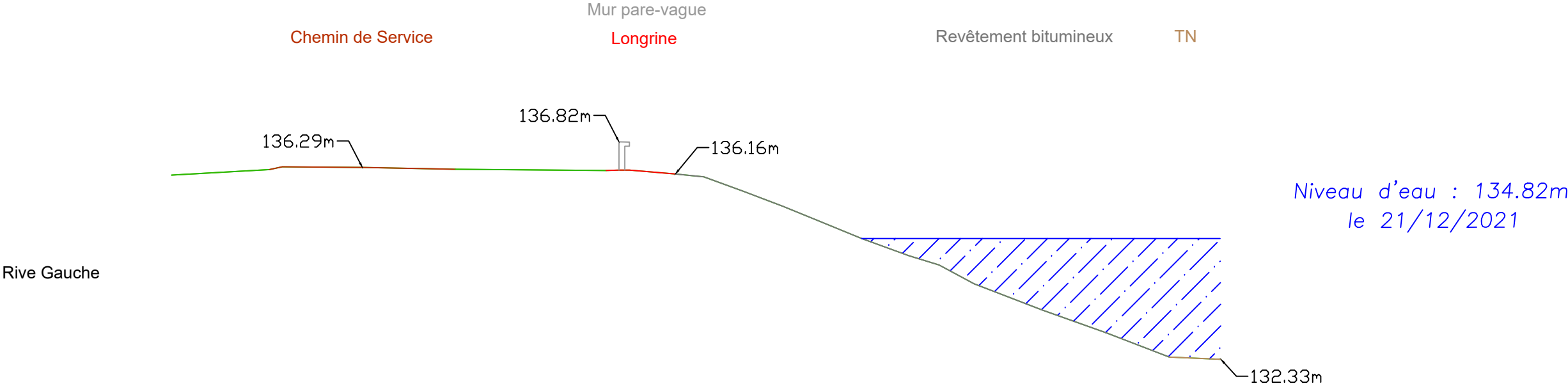
Profil n°: 22

PK: 307.475

X : 418933.23

Y : 5391788.1

UTM 32 / NHN



Echelle en X : 1/100

Echelle en Y : 1/100

PC : 122.00 m

Altitudes TN	136.13 136.25 136.31 136.29 136.25 136.23 136.24 136.24 136.16 136.10 135.80 135.49 135.21 134.82 134.47 134.28 133.89 133.34 132.87 132.38 132.33																									
Distances Cumulées	0.00 2.03 2.29 3.95 5.87 8.99 9.26 9.47 10.42 11.01 11.83 12.65 13.34 14.28 15.25 15.88 16.60 18.01 19.35 20.64 21.71																									
Pentes	RAMPE L = 2.03 m P = 5.58 %		PENTE L = 1.66 m P = -0.78 %		PENTE L = 1.92 m P = -2.03 %		PENTE L = 3.12 m P = -0.80 %		RAMPE L = 2.03 m P = 5.58 %		PENTE L = 1.66 m P = -0.78 %		PENTE L = 1.92 m P = -2.03 %		PENTE L = 3.12 m P = -0.80 %		PENTE L = 1.63 m P = -40.88 %		PENTE L = 1.41 m P = -38.52 %		PENTE L = 1.33 m P = -35.50 %		PENTE L = 1.29 m P = -38.39 %		PENTE L = 1.07 m P = -4.50 %	



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

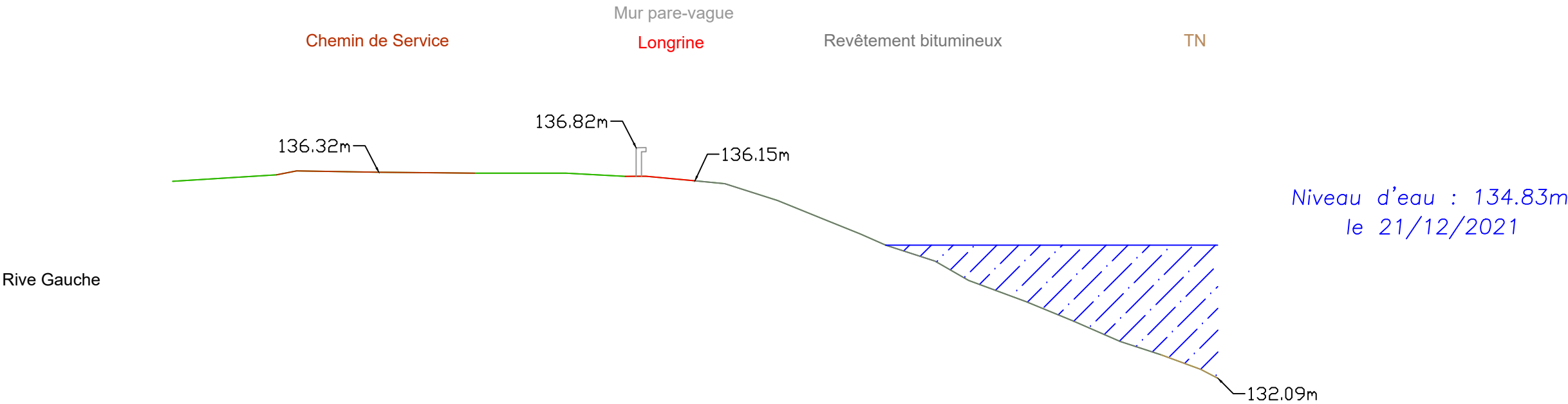
Profil n°: 23

UTM 32 / NHN

PK: 307.500

X : 418941.30

Y : 5391813.70



Echelle en X : 1/100

Echelle en Y : 1/100

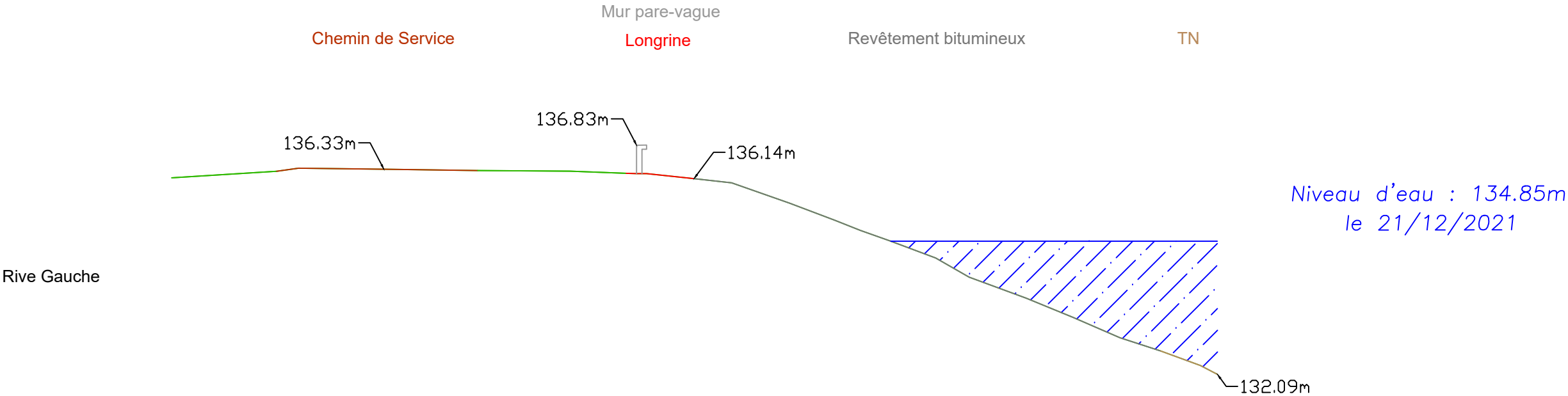
PC : 122.00 m

Altitudes TN	136.14	136.27	136.35	136.32	136.30	136.30	136.24	136.24	136.15	136.09	135.74	135.32	135.05	134.83	134.50	134.10	133.67	133.27	132.85	132.57	132.28	132.09
Distances Cumulées	0.00	2.14	2.55	4.24	6.22	8.08	9.30	9.73	10.73	11.35	12.43	13.48	14.14	14.65	15.67	16.36	17.54	18.51	19.47	20.31	21.13	21.49
Pentes	RAMPE L = 2.14 m P = 6.27 %		PENTE L = 1.69 m P = -1.66 %	PENTE L = 1.98 m P = -0.96 %	RAMPE L = 1.86 m P = 0.05 %	PENTE L = 1.22 m P = -5.41 %	PENTE L = 1.00 m P = -9.17 %	PENTE L = 1.08 m P = -31.71 %							PENTE L = 1.18 m P = -36.86 %							



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

Profil n°: 23bis
UTM 32 / NHN
PK: 307.510
X : 418943.62
Y : 5391821.09



Echelle en X : 1/100
Echelle en Y : 1/100
PC : 122.00 m

Altitudes TN	136.15	136.29	136.35	136.33	136.30	136.29	136.25	136.24	136.14	136.05	135.63	135.28	135.07	134.85	134.50	134.10	133.67	133.27	132.85	132.57	132.28	132.09
Distances Cumulées	0.00	2.17	2.62	4.38	6.32	8.23	9.39	9.89	10.79	11.57	12.77	13.70	14.23	14.86	15.78	16.47	17.66	18.63	19.59	20.43	21.25	21.61
Pentes	RAMPE L = 2.17 m P = 6.27 %		PENTE L = 1.76 m P = -1.19 %	PENTE L = 1.94 m P = -1.44 %	PENTE L = 1.90 m P = -0.63 %	PENTE L = 1.16 m P = -3.95 %	PENTE L = 1.20 m P = -35.03 %	PENTE L = 1.18 m P = -36.83 %														



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

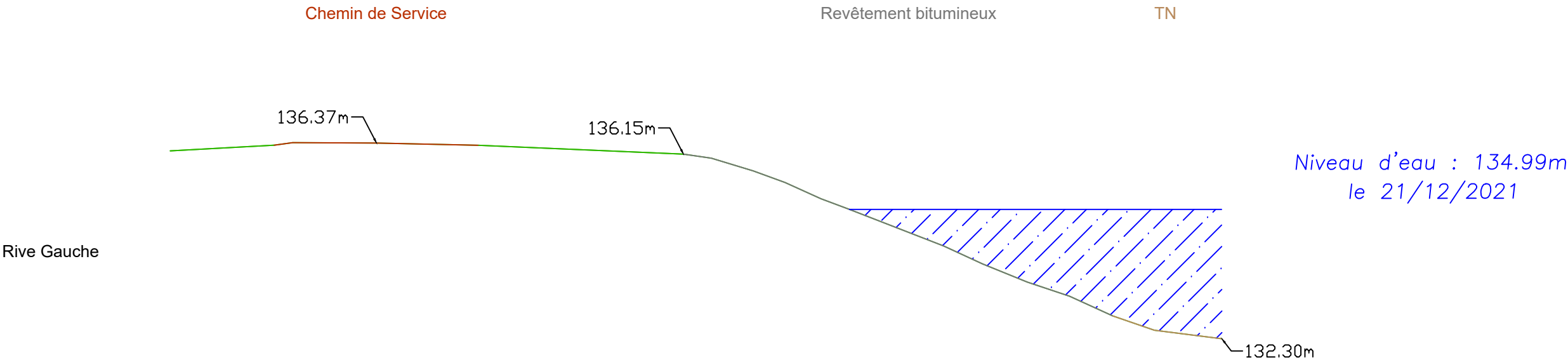
Profil n°: 24

UTM 32 / NHN

PK: 307.525

X : 418949.25

Y : 5391837.91



Echelle en X : 1/100

Echelle en Y : 1/100

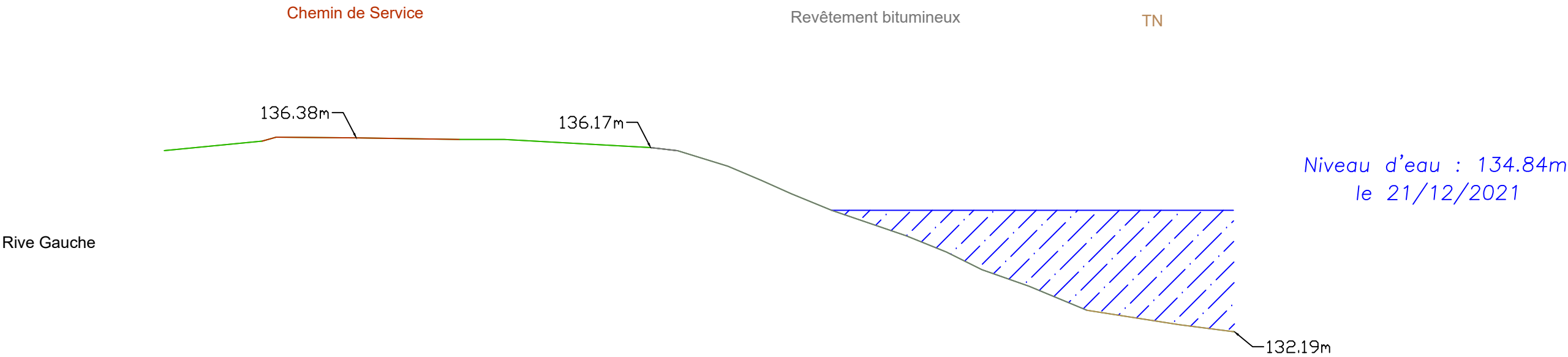
PC : 122.00 m

Altitudes TN	136.21	136.33	136.38	136.37	136.33	136.15	136.06	135.79	135.55	135.22	134.99	134.23	133.86	133.48	133.19	132.78	132.48	132.30
Distances Cumulées	0.00	2.17	2.55	4.30	6.43	10.70	11.28	12.15	12.82	13.57	14.16	16.12	16.93	17.87	18.75	19.65	20.52	21.93
Pentes	RAMPE L = 2.17 m P = 5.49 %		PENTE L = 1.75 m P = -0.51 %	PENTE L = 2.13 m P = -2.16 %	PENTE L = 4.27 m P = -4.29 %	PENTE L = 1.96 m P = -38.78 %											PENTE L = 1.41 m P = -12.65 %	



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

Profil n°: 25
PK: 307.550
X : 418958.41
Y : 5391865.18
UTM 32 / NHN



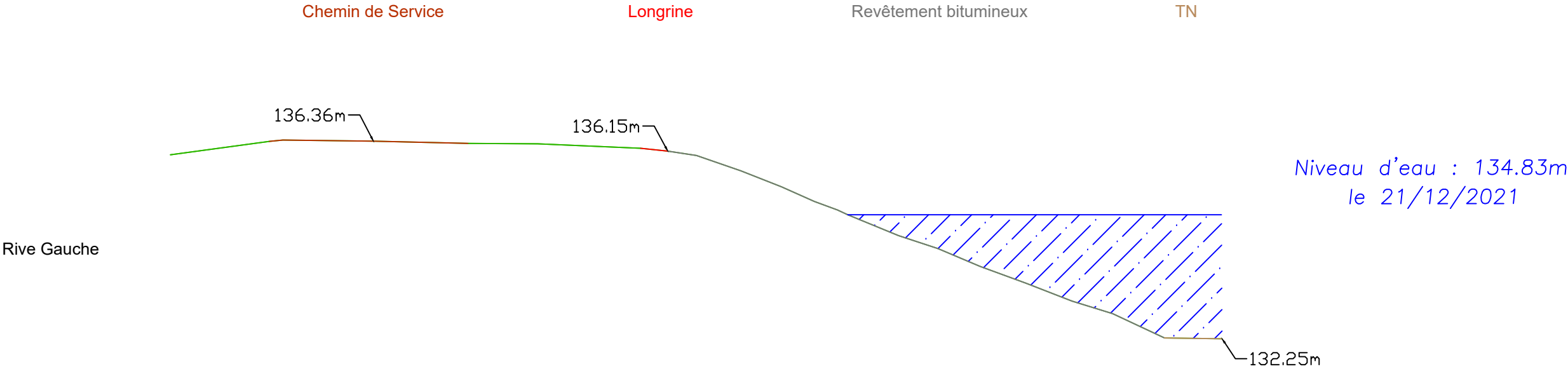
Echelle en X : 1/100
Echelle en Y : 1/100
PC : 122.00 m

Altitudes TN	136.10	136.31 136.39	136.38	136.34	136.34	136.17	136.10	135.76	135.46	135.17	134.81	134.26	133.91	133.53	133.17	132.65	132.34	132.19
Distances Cumulées	0.00	2.12 2.42	4.15	6.38	7.34	10.51	11.09	12.17	12.90	13.54	14.41	16.02	16.89	17.66	18.68	19.93	21.92	23.12
Pentes		RAMPE L = 2.12 m P = 9.73 %	PENTE L = 1.73 m P = -0.75 %	PENTE L = 2.23 m P = -1.57 %	RAMPE L = 0.96 m P = 0.10 %	PENTE L = 3.16 m P = -5.59 %	PENTE L = 1.08 m P = -30.92 %				PENTE L = 1.60 m P = -34.22 %				PENTE L = 1.25 m P = -41.57 %	PENTE L = 1.99 m P = -15.63 %	PENTE L = 1.20 m P = -12.83 %	



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

Profil n°: 25bis
UTM 32 / NHN
PK: 307.560
X : 418962.56
Y : 5391877.53



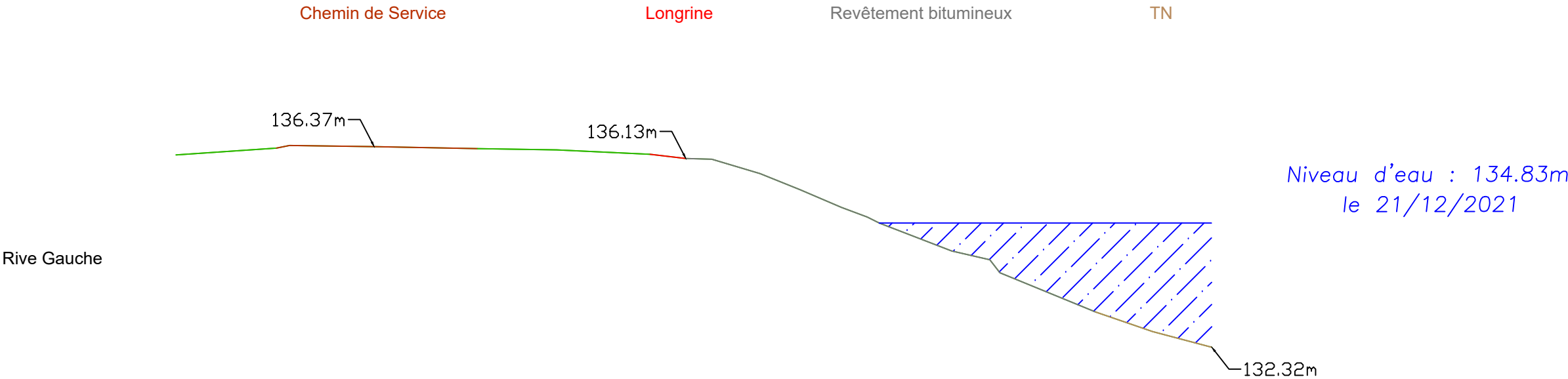
Echelle en X : 1/100
Echelle en Y : 1/100
PC : 122.00 m

Altitudes TN	136.08	136.36 136.38	136.36	136.31	136.31	136.21	136.15	136.06	135.75	135.41	135.11	134.83 134.83 134.83	134.40	134.12	133.75	133.40	133.03	132.77	132.26	132.25
Distances Cumulées	0.00	2.06 2.34	4.23	6.21	7.65	9.79	10.36	10.96	11.88	12.73	13.41	13.88 14.16	15.16	15.98	16.86	17.82	18.77	19.62	20.70	21.90
Pentes		RAMPE L = 2.06 m P = 13.53 %	PENTE L = 1.89 m P = -1.22 %	PENTE L = 1.98 m P = -2.37 %	PENTE L = 1.44 m P = -0.56 %	PENTE L = 2.14 m P = -4.38 %	PENTE L = 0.60 m P = -0.04 %	PENTE L = 0.60 m P = -0.08 %	PENTE L = 0.92 m P = -0.26 %	PENTE L = 0.84 m P = -0.26 %	PENTE L = 0.68 m P = -0.22 %	PENTE L = 0.32 m P = -0.03 %	PENTE L = 0.24 m P = -0.02 %	PENTE L = 0.88 m P = -0.24 %	PENTE L = 0.84 m P = -0.22 %	PENTE L = 0.64 m P = -0.19 %	PENTE L = 0.84 m P = -0.22 %	PENTE L = 1.08 m P = -46.82 %	PENTE L = 1.20 m P = -1.42 %	



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

Profil n°: 26
UTM 32 / NHN
PK: 307.575
X : 418966.28
Y : 5391888.59



Echelle en X : 1/100
Echelle en Y : 1/100
PC : 122.00 m

Altitudes TN	136.20	136.34	136.39	136.37	136.33	136.31	136.22	136.13	136.12	135.83	135.50	135.15	134.95	134.83	134.27	133.89	133.04	132.64	132.32
Distances Cumulées	0.00	2.02	2.29	3.99	6.08	7.67	9.56	10.28	10.80	11.77	12.57	13.41	13.93	14.17	15.63	16.60	18.54	19.68	20.88
Pentes	RAMPE L = 2.02 m P = 6.82 %		PENTE L = 1.71 m P = -1.29 %	PENTE L = 2.08 m P = -1.97 %	PENTE L = 1.60 m P = -1.50 %	PENTE L = 1.88 m P = -4.78 %								PENTE L = 1.46 m P = -38.61 %		PENTE L = 1.93 m P = -40.94 %	PENTE L = 1.14 m P = -34.38 %	PENTE L = 1.20 m P = -26.59 %	



Voies Navigables de France

Restauration du parement amont des écluses de GAMBSHEIM

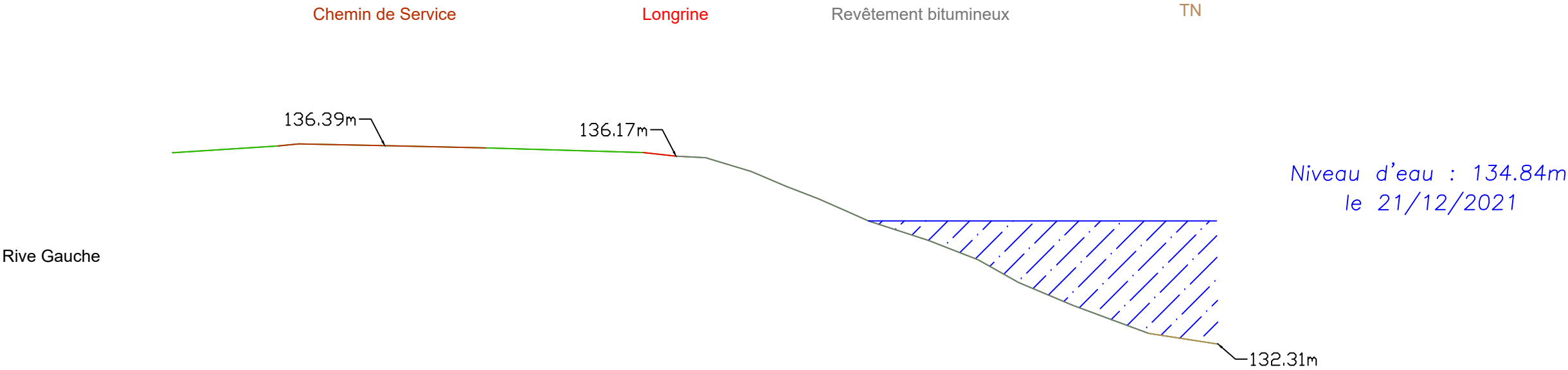
Profil n°: 27

UTM 32 / NHN

PK: 307.600

X : 418974.41

Y : 5391913.64



Echelle en X : 1/100

Echelle en Y : 1/100

PC : 122.00 m

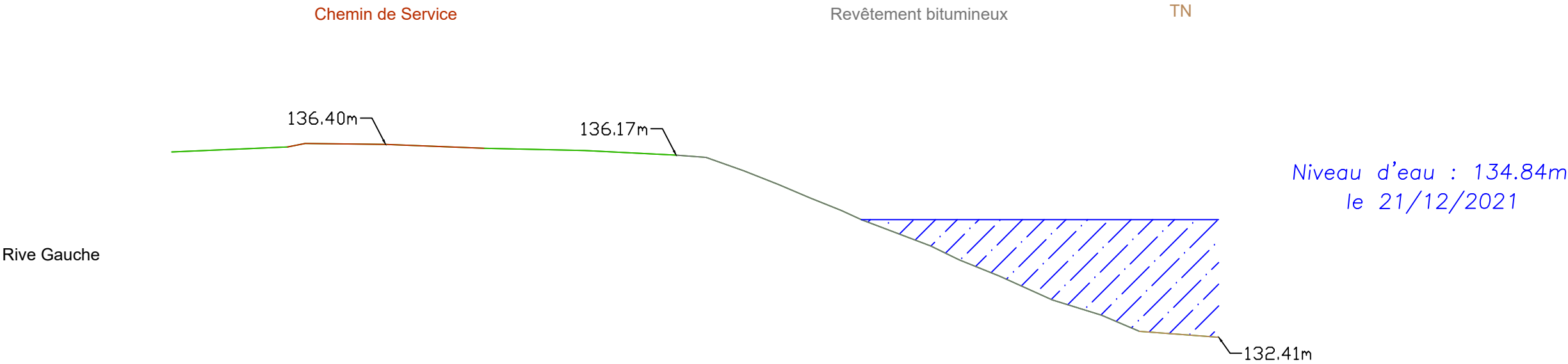
Altitudes TN	136.24	136.38	136.42	136.39	136.34	136.25	136.17	136.14	135.86	135.56	135.29	135.06	134.84	134.44	134.04	133.57	133.11	132.53	132.31
Distances Cumulées	0.00	2.17	2.60	4.37	6.46	9.69	10.36	10.97	11.91	12.62	13.30	13.84	14.32	15.56	16.58	17.41	18.53	20.09	21.52
Pentes	RAMPE L = 2.17 m P = 6.50 %		PENTE L = 1.77 m P = -2.03 %	PENTE L = 2.09 m P = -2.20 %	PENTE L = 3.23 m P = -2.97 %	PENTE L = 3.22 m P = -3.24 %	PENTE L = 0.67 m P = -7.69 %	PENTE L = 0.61 m P = -5.88 %	PENTE L = 0.94 m P = -8.00 %	PENTE L = 0.72 m P = -9.09 %	PENTE L = 0.67 m P = -9.09 %	PENTE L = 0.76 m P = -10.34 %	PENTE L = 0.48 m P = -15.38 %	PENTE L = 1.23 m P = -32.42 %	PENTE L = 0.40 m P = -23.53 %	PENTE L = 0.83 m P = -42.05 %	PENTE L = 1.11 m P = -42.05 %	PENTE L = 1.56 m P = -36.98 %	PENTE L = 1.43 m P = -15.41 %



Voies Navigables de France

Restauration du parement amont des écluses de GAMBSHEIM

Profil n°: 27bis
UTM 32 / NHN
PK: 307.610
X : 418976.82
Y : 5391921.02



Echelle en X : 1/100
Echelle en Y : 1/100
PC : 122.00 m

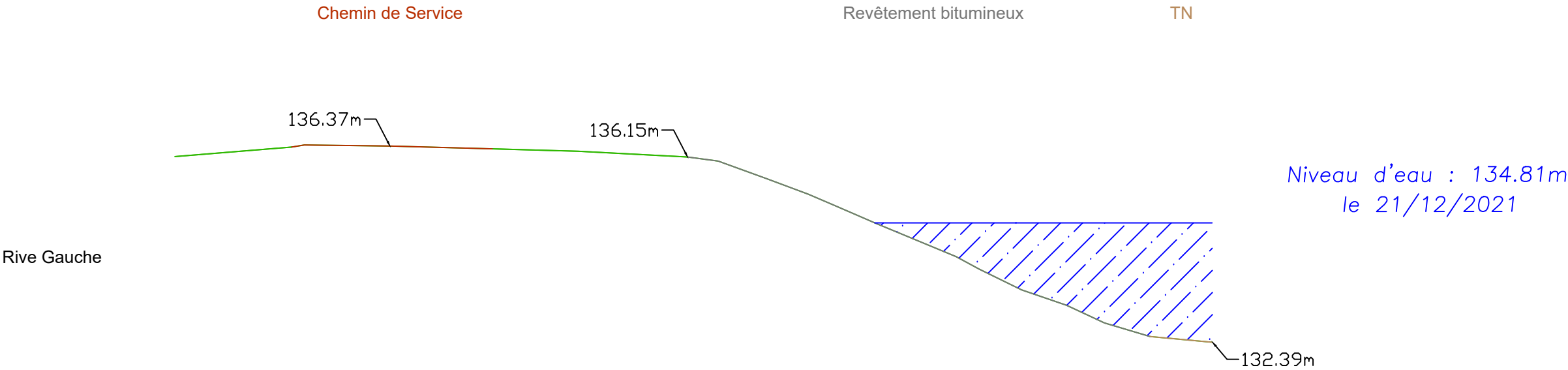
Altitudes TN	136.24	136.34	136.42	136.40	136.32	136.27	136.17	136.13	135.85	135.57	135.29	135.03	134.84	134.30	134.01	133.67	133.18	132.87	132.53	132.41
Distances Cumulées	0.00	2.40	2.76	4.42	6.46	8.53	10.42	11.04	11.82	12.54	13.18	13.83	14.25	15.68	16.27	17.10	18.19	19.21	20.00	21.63
Pentes	RAMPE L = 2.40 m P = 4.38 %		PENTE L = 1.66 m P = -1.20 %	PENTE L = 2.04 m P = -3.92 %	PENTE L = 2.07 m P = -2.27 %	PENTE L = 1.89 m P = -4.98 %	PENTE L = 1.43 m P = -37.94 %	PENTE L = 1.09 m P = -45.13 %	PENTE L = 1.64 m P = -7.57 %											



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

Profil n°: 28
PK: 307.625
X : 418982.73
Y : 5391937.96

UTM 32 / NHN



Echelle en X : 1/100
Echelle en Y : 1/100
PC : 122.00 m

Altitudes TN	136.16	136.35	136.37	136.31	136.26	136.15	136.06	135.71	135.39	135.18	134.98	134.81	134.13	133.87	133.45	133.14	132.78	132.51	132.39
Distances Cumulées	0.00	2.36	4.36	6.45	8.18	10.40	11.02	12.00	12.84	13.35	13.79	14.20	15.84	16.31	17.17	18.09	18.85	19.78	21.04
Pentes		RAMPE L = 2.36 m P = 8.12 %	PENTE L = 1.74 m P = -1.21 %	PENTE L = 3.82 m P = -2.80 %	PENTE L = 2.21 m P = -5.24 %								PENTE L = 1.65 m P = -41.44 %					PENTE L = 1.27 m P = -9.16 %	



Voies Navigables de France

Restauration du parement amont des écluses de GAMBSHEIM

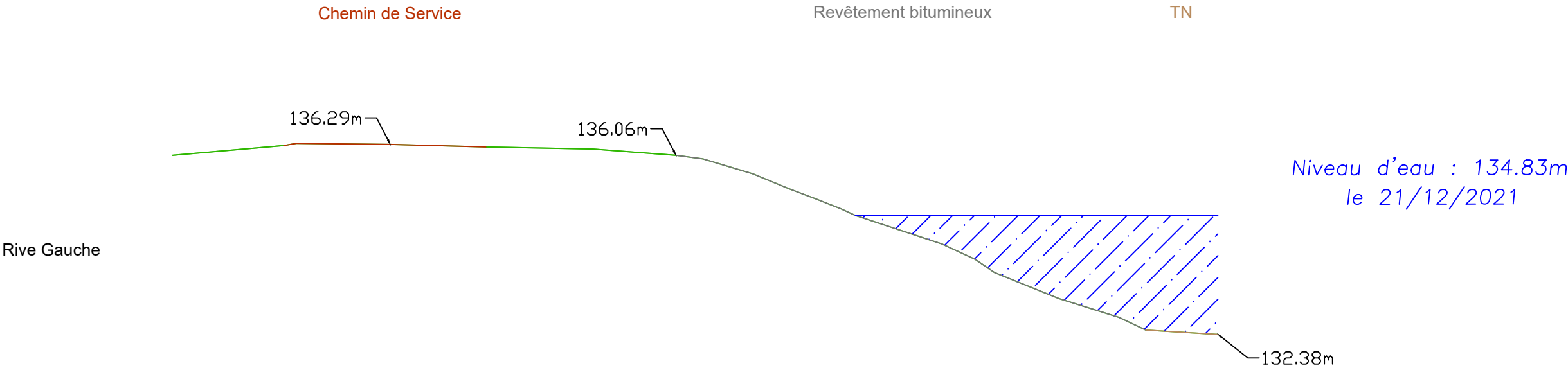
Profil n°: 29

UTM 32 / NHN

PK: 307.650

X : 418992.50

Y : 5391965.39



Echelle en X : 1/100

Echelle en Y : 1/100

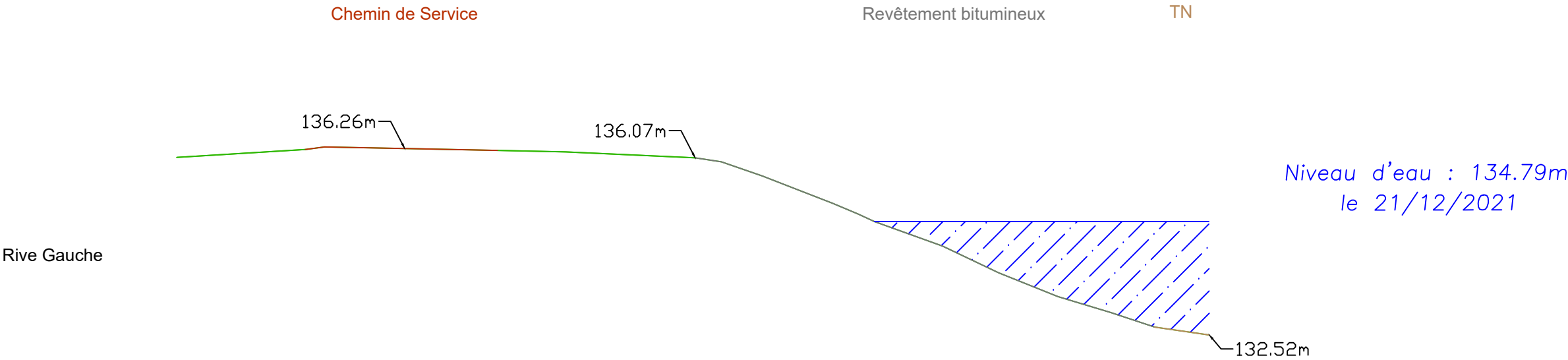
PC : 122.00 m

Altitudes TN	136.06 136.29 136.31 136.29 136.24 136.19 136.06 135.99 135.68 135.37 135.18 134.96 134.83 134.24 133.92 133.65 133.11 132.73 132.47 132.38																	
Distances Cumulées	0.00 2.29 2.55 4.48 6.47 8.65 10.36 10.92 11.94 12.71 13.20 13.75 14.05 15.83 16.51 16.92 18.25 19.48 20.03 21.52																	
Pentes	RAMPE L = 2.29 m P = 8.77 %		PENTE L = 1.93 m P = -1.14 %		PENTE L = 1.98 m P = -2.62 %		PENTE L = 2.19 m P = -1.97 %		PENTE L = 1.71 m P = -7.55 %		PENTE L = 1.78 m P = -32.96 %		PENTE L = 1.34 m P = -40.44 %		PENTE L = 1.22 m P = -31.19 %		PENTE L = 1.49 m P = -6.05 %	



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

Profil n°: 30
PK: 307.675
X : 419001.72
Y : 5391990.64
UTM 32 / NHN



Echelle en X : 1/100
Echelle en Y : 1/100
PC : 122.00 m

Altitudes TN	136.08	136.24	136.29	136.26	136.22	136.19	136.07	135.99	135.70	135.44	135.16	134.94	134.79	134.30	133.76	133.29	132.97	132.68	132.52
Distances Cumulées	0.00	2.58	2.97	4.57	6.45	7.81	10.40	10.93	11.75	12.45	13.15	13.67	14.00	15.37	16.50	17.68	18.75	19.63	20.72
Pentes	RAMPE L = 2.58 m P = 6.16 %		PENTE L = 3.49 m P = -2.00 %		PENTE L = 1.36 m P = -2.29 %	PENTE L = 2.59 m P = -4.55 %		PENTE L = 1.37 m P = -35.93 %	PENTE L = 1.13 m P = -47.65 %	PENTE L = 1.19 m P = -40.16 %	PENTE L = 1.07 m P = -30.09 %	PENTE L = 1.10 m P = -14.52 %							



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

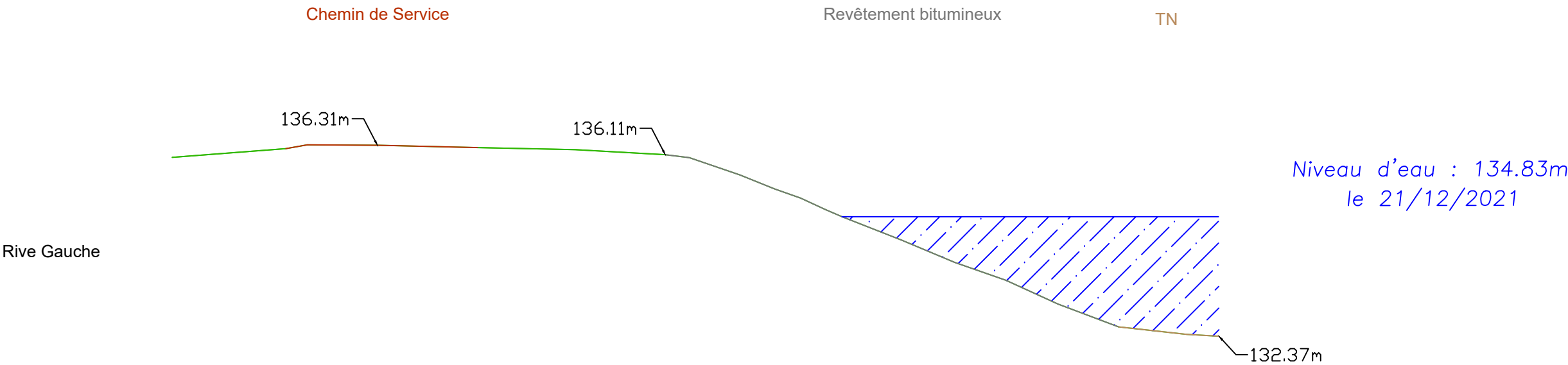
Profil n°: 31

UTM 32 / NHN

PK: 307.700

X : 419010.90

Y : 5392013.79



Echelle en X : 1/100

Echelle en Y : 1/100

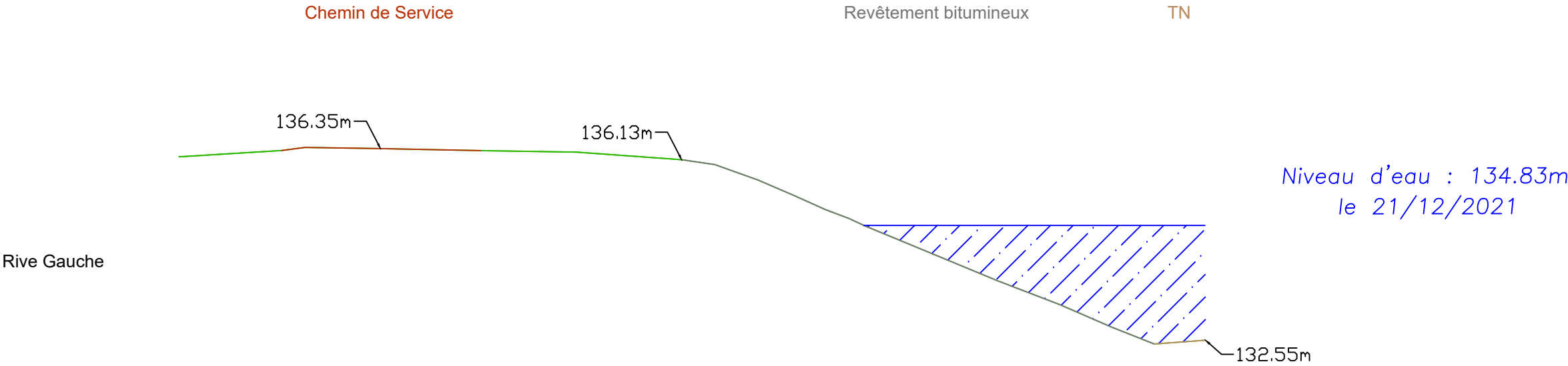
PC : 122.00 m

Altitudes TN	136.06	136.24	136.32	136.31	136.26	136.22	136.11	136.05	135.70	135.41	135.22	134.98	134.83	134.35	133.89	133.52	133.03	132.56	132.41	132.37
Distances Cumulées	0.00	2.34	2.78	4.23	6.30	8.30	10.16	10.66	11.69	12.41	12.95	13.46	13.80	15.04	16.12	17.17	18.25	19.50	20.90	21.56
Pentes		RAMPE L = 2.34 m P = 7.69 %	PENTE L = 1.45 m P = -0.48 %	PENTE L = 2.08 m P = -2.41 %	PENTE L = 2.00 m P = -2.05 %	PENTE L = 1.85 m P = -5.66 %								PENTE L = 1.24 m P = -39.27 %	PENTE L = 1.09 m P = -41.93 %		PENTE L = 1.08 m P = -45.63 %	PENTE L = 1.25 m P = -37.68 %	PENTE L = 1.40 m P = -11.06 %	



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

Profil n°: 32
PK: 307.725
X : 419020.54
Y : 5392037.16
UTM 32 / NHN



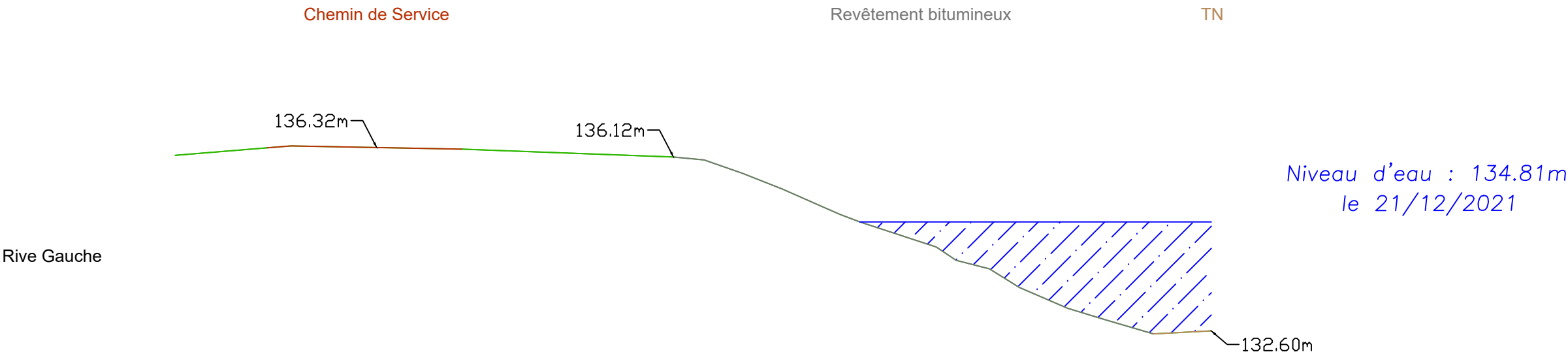
Echelle en X : 1/100
Echelle en Y : 1/100
PC : 122.00 m

Altitudes TN	136.19	136.32	136.38	136.35	136.31	136.28	136.13	136.04	135.73	135.42	135.14	134.97	134.83	134.26	133.73	133.25	132.81	132.48	132.55
Distances Cumulées	0.00	2.03	2.50	4.00	6.00	7.88	9.97	10.63	11.48	12.20	12.82	13.29	13.58	14.96	16.23	17.47	18.49	19.34	20.35
Pentes	RAMPE L = 2.03 m P = 6.20 %		PENTE L = 1.50 m P = -1.61 %	PENTE L = 2.00 m P = -1.95 %	PENTE L = 1.88 m P = -1.59 %	PENTE L = 2.08 m P = -7.25 %	PENTE L = 2.65 m P = -41.44 %	PENTE L = 1.25 m P = -38.41 %	PENTE L = 1.02 m P = 7.28 %										



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

Profil n°: 33
PK: 307.750
X : 419031.38
Y : 5392063.51
UTM 32 / NHN



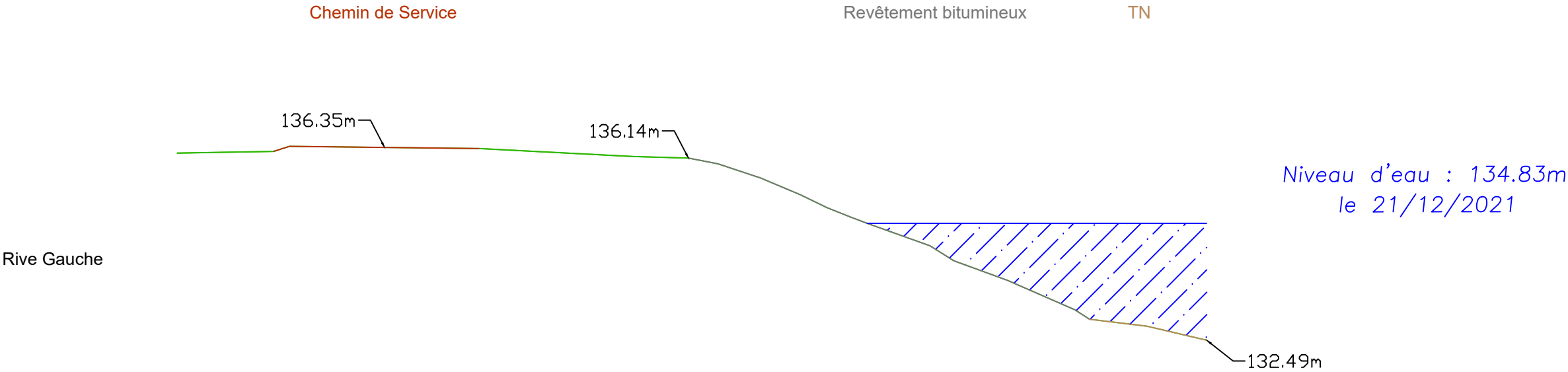
Echelle en X : 1/100
Echelle en Y : 1/100
PC : 122.00 m

Altitudes TN	136.16	136.31	136.35	136.28	136.12	136.06	135.79	135.47	135.18	134.96	134.81	134.30	134.03	133.86	133.48	133.06	132.84	132.54	132.60
Distances Cumulées	0.00	1.87	2.35	5.82	10.09	10.72	11.49	12.30	12.97	13.47	13.87	15.42	15.82	16.50	17.10	18.08	18.81	19.82	20.99
Pentes	RAMPE L = 2.35 m P = 8.12 %			PENTE L = 3.47 m P = -1.87 %		PENTE L = 4.27 m P = -3.70 %			PENTE L = 1.55 m P = -32.79 %			PENTE L = 1.17 m P = 5.12 %							



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

Profil n°: 34
UTM 32 / NHN
PK: 307.775
X : 419042.70
Y : 5392090.43



Echelle en X : 1/100
Echelle en Y : 1/100
PC : 122.00 m

Altitudes TN	136.24	136.27 136.37	136.33	136.17	136.14	136.02	135.74	135.40	135.15	134.95	134.83	134.38	134.08	133.69	133.10 132.91	132.77	132.49
Distances Cumulées	0.00	1.93 2.25	6.06	9.12	10.23	10.82	11.68	12.48	13.01	13.49	13.81	15.07	15.55	16.62	17.97 18.26	19.42	20.61
Pentes	RAMPE L = 1.93 m P = 1.81 %		PENTE L = 3.81 m P = -1.16 %		PENTE L = 3.06 m P = -5.19 %		PENTE L = 1.12 m P = -2.95 %	PENTE L = 0.80 m P = -3.00 %	PENTE L = 0.80 m P = -3.00 %	PENTE L = 0.80 m P = -3.00 %	PENTE L = 0.80 m P = -3.00 %	PENTE L = 1.26 m P = -35.55 %	PENTE L = 0.80 m P = -30.07 %	PENTE L = 1.07 m P = -36.54 %	PENTE L = 1.35 m P = -43.69 %	PENTE L = 1.15 m P = -12.16 %	PENTE L = 1.20 m P = -23.53 %



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

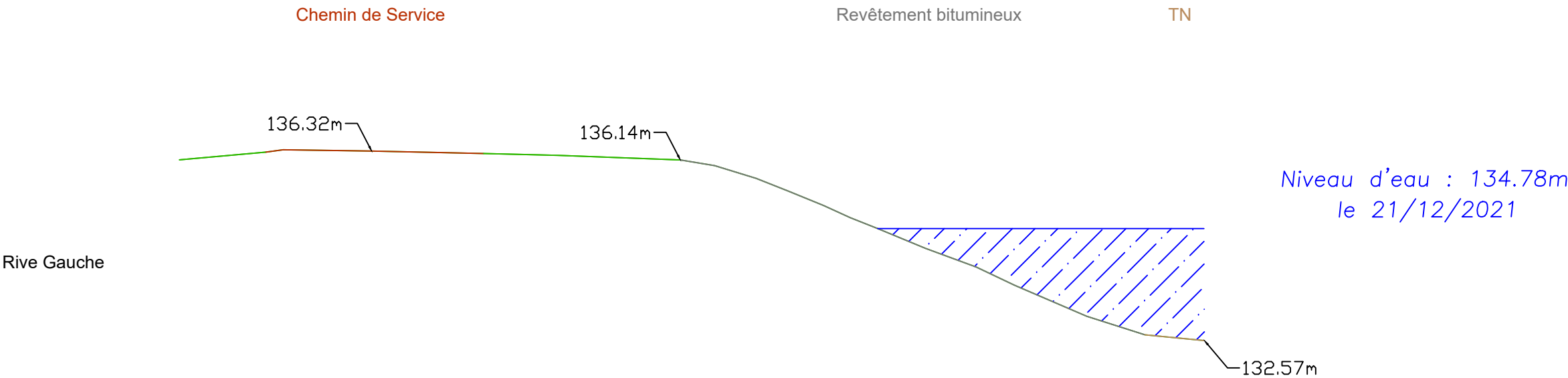
Profil n°: 35

UTM 32 / NHN

PK: 307.800

X : 419052.75

Y : 5392112.32



Echelle en X : 1/100

Echelle en Y : 1/100

PC : 122.00 m

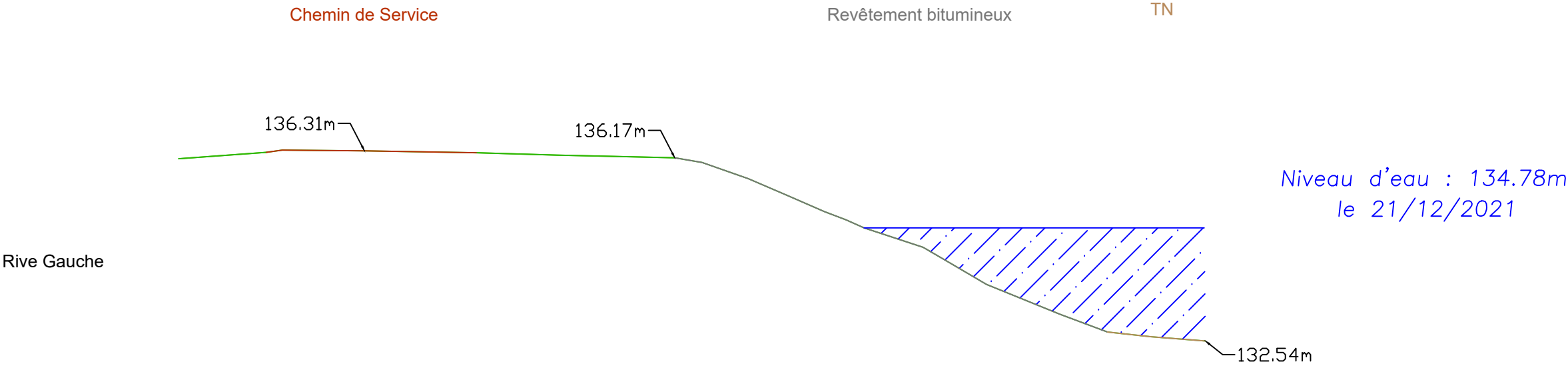
Altitudes TN	136.14	136.30	136.34	136.32	136.27	136.23	136.14	136.03	135.78	135.52	135.24	135.00	134.78	134.39	134.02	133.66	133.05	132.68	132.57
Distances Cumulées	0.00	1.71	2.05	3.80	6.02	7.48	9.91	10.58	11.41	12.05	12.74	13.27	13.81	14.76	15.76	16.52	17.94	19.09	20.27
Pentes	RAMPE L = 1.71 m P = 9.01 %	PENTE L = 1.75 m P = -1.49 %	PENTE L = 2.21 m P = -2.17 %	PENTE L = 1.46 m P = -2.46 %	PENTE L = 2.43 m P = -3.75 %	PENTE L = 0.80 m P = -1.00 %	PENTE L = 0.80 m P = -0.80 %	PENTE L = 0.80 m P = -0.80 %	PENTE L = 0.80 m P = -0.80 %	PENTE L = 0.80 m P = -0.80 %	PENTE L = 0.80 m P = -0.80 %	PENTE L = 0.80 m P = -0.80 %	PENTE L = 0.80 m P = -0.80 %	PENTE L = 0.80 m P = -0.80 %	PENTE L = 0.80 m P = -0.80 %	PENTE L = 0.80 m P = -0.80 %	PENTE L = 1.43 m P = -42.92 %	PENTE L = 1.15 m P = -31.97 %	PENTE L = 1.18 m P = -9.67 %



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

Profil n°: 36
PK: 307.25
X : 419063.21
Y : 5392134.93

UTM 32 / NHN



Echelle en X : 1/100
Echelle en Y : 1/100
PC : 122.00 m

Altitudes TN	136.15	136.28 136.32	136.31	136.27	136.22	136.17	136.08	135.76	135.43	135.10	134.94	134.78	134.40	134.09	133.66	133.07	132.72	132.62	132.54
Distances Cumulées	0.00	1.74 2.06	3.69	5.93	7.51	9.85	10.40	11.31	12.08	12.83	13.25	13.61	14.78	15.31	16.04	17.51	18.45	19.31	20.39
Pentes		RAMPE L = 1.74 m P = 7.26 %	PENTE L = 1.63 m P = -0.84 %	PENTE L = 2.24 m P = -1.70 %	PENTE L = 1.58 m P = -2.97 %	PENTE L = 2.34 m P = -2.31 %	PENTE L = 0.50 m P = -1.12 %	PENTE L = 0.50 m P = -2.00 %	PENTE L = 0.50 m P = -2.00 %	PENTE L = 0.50 m P = -2.00 %	PENTE L = 0.50 m P = -2.00 %	PENTE L = 0.50 m P = -2.00 %	PENTE L = 0.50 m P = -2.00 %	PENTE L = 0.50 m P = -2.00 %	PENTE L = 0.50 m P = -2.00 %	PENTE L = 0.50 m P = -2.00 %	PENTE L = 0.50 m P = -2.00 %	PENTE L = 0.50 m P = -2.00 %	PENTE L = 0.50 m P = -2.00 %



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

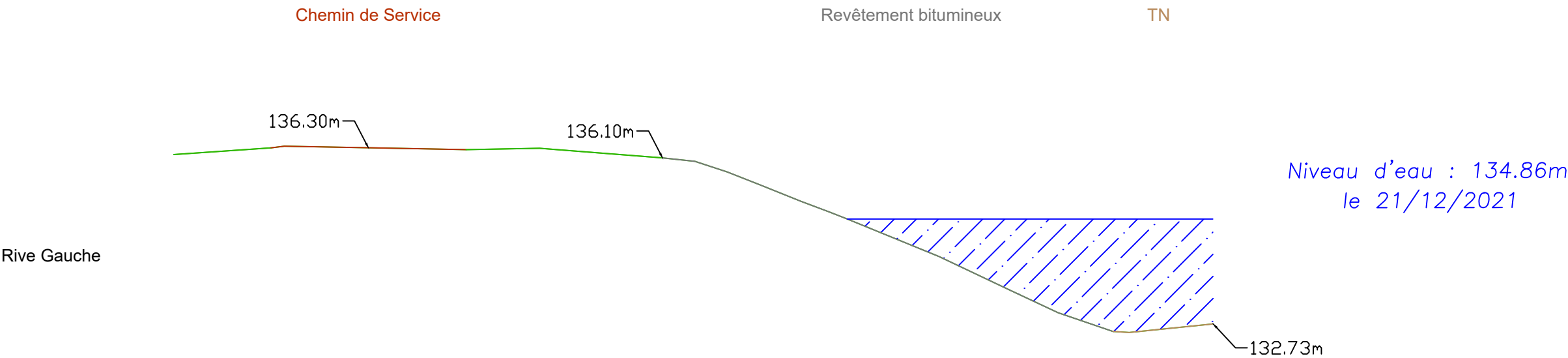
Profil n°: 37

UTM 32 / NHN

PK: 307.850

X : 419074.26

Y : 5392158.40



Echelle en X : 1/100

Echelle en Y : 1/100

PC : 122.00 m

Altitudes TN	136.17	136.30 136.34	136.30	136.27	136.29	136.10	136.03	135.81	135.55	135.22	135.01	134.86	134.10	133.42	132.96	132.58 132.56	132.73
Distances Cumulées	0.00	1.97 2.24	3.95	5.94	7.43	9.92	10.58	11.24	11.92	12.73	13.30	13.68	15.54	16.97	17.96	19.07 19.40	21.11
Pentes		RAMPE L = 1.97 m P = 6.92 %	PENTE L = 3.69 m P = -1.90 %	RAMPE L = 1.49 m P = 1.81 %	PENTE L = 2.49 m P = -7.80 %	PENTE L = 0.80 m P = -10.00 %	PENTE L = 0.80 m P = -2.00 %	PENTE L = 0.80 m P = -2.00 %	PENTE L = 0.80 m P = -2.00 %	PENTE L = 0.80 m P = -2.00 %	PENTE L = 0.80 m P = -2.00 %	PENTE L = 0.80 m P = -2.00 %	PENTE L = 0.80 m P = -2.00 %	PENTE L = 0.80 m P = -2.00 %	PENTE L = 0.80 m P = -2.00 %	PENTE L = 0.80 m P = -2.00 %	PENTE L = 0.80 m P = -2.00 %



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

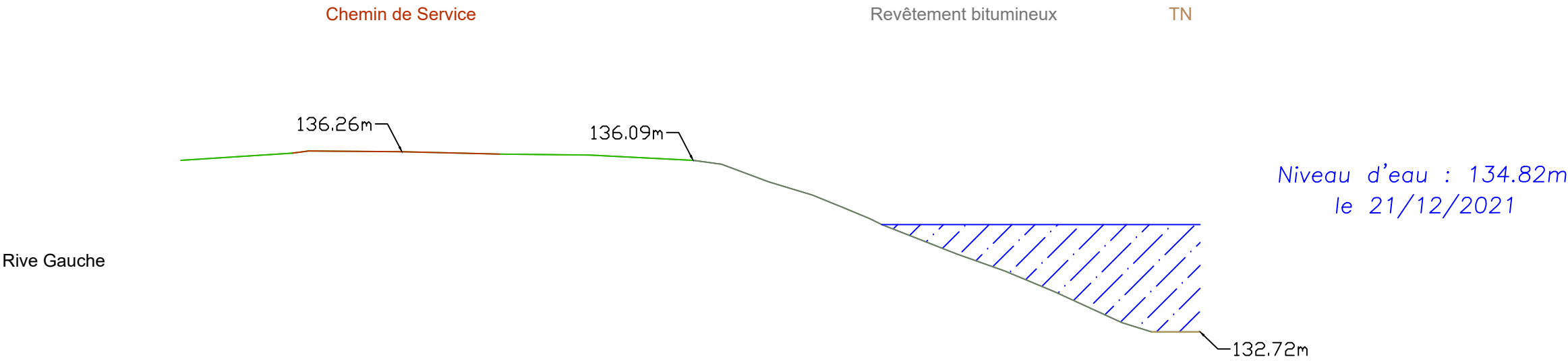
Profil n°: 38

UTM 32 / NHN

PK: 307.875

X : 419086.95

Y : 5392184.83



Echelle en X : 1/100

Echelle en Y : 1/100

PC : 122.00 m

Altitudes TN	136.09	136.23 136.27	136.26	136.21	136.19	136.09	136.01	135.67	135.41	135.17	134.84 134.82	134.25	133.91	133.51	133.07	132.90	132.72	132.72
Distances Cumulées	0.00	2.19 2.51	4.34	6.26	8.02	10.05	10.61	11.53	12.39	12.97	13.51 13.75	15.22	16.16	17.13	18.08	18.46	19.04	20.00
Pentes		RAMPE L = 2.19 m P = 6.50 %	PENTE L = 1.83 m P = -0.82 %	PENTE L = 1.92 m P = -2.44 %	PENTE L = 1.76 m P = -1.08 %	PENTE L = 2.03 m P = -5.11 %	PENTE L = 1.47 m P = -39.25 %								PENTE L = 1.33 m P = -45.95 %			



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

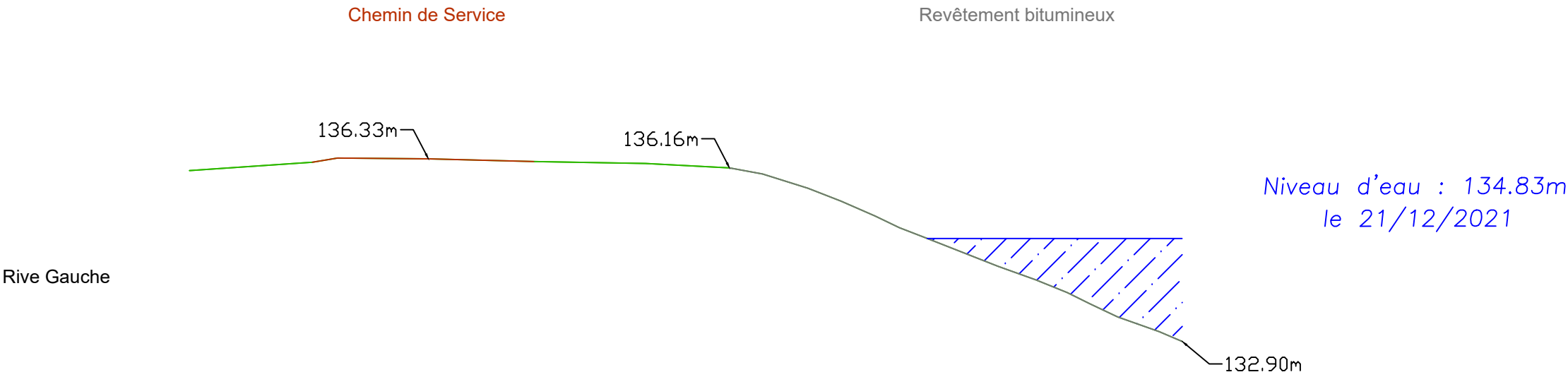
Profil n°: 39

UTM 32 / NHN

PK: 307.900

X : 419098.69

Y : 5392208.23



Echelle en X : 1/100

Echelle en Y : 1/100

PC : 122.00 m

Altitudes TN	136.11	136.26	136.34	136.33	136.27	136.24	136.16	136.04	135.78	135.53	135.25	135.04	134.83	134.31	134.06	133.82	133.61	133.37	133.09	132.90
Distances Cumulées	0.00	2.30	2.77	4.48	6.46	8.54	10.12	10.73	11.58	12.21	12.85	13.30	13.82	15.15	15.85	16.44	16.87	17.38	18.16	18.60
Pentes	RAMPE L = 2.30 m P = 6.80 %		PENTE L = 1.70 m P = -0.82 %	PENTE L = 1.99 m P = -2.59 %	PENTE L = 2.08 m P = -1.71 %	PENTE L = 1.57 m P = -5.21 %	PENTE L = 1.33 m P = -39.27 %													



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

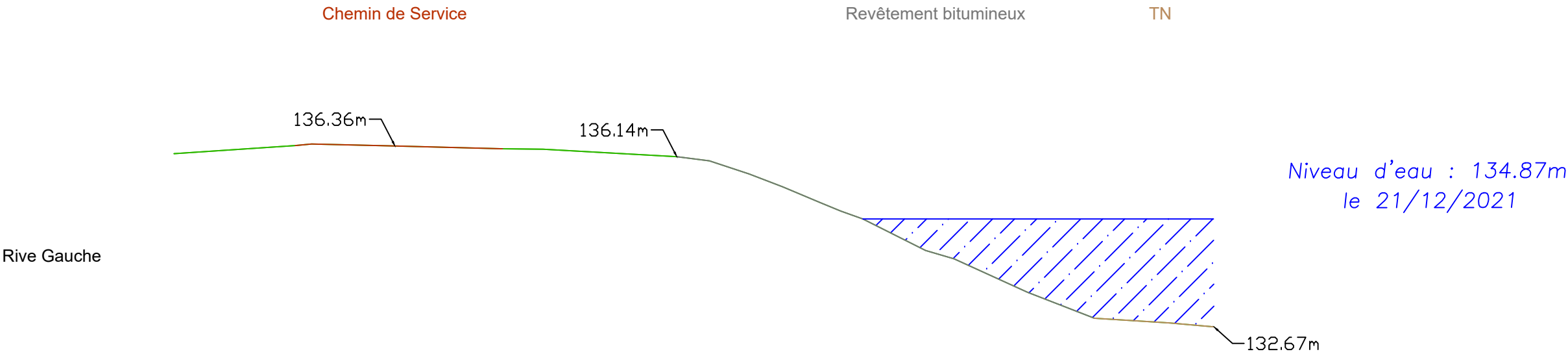
Profil n°: 40

UTM 32 / NHN

PK: 307.925

X : 419111.74

Y : 5392233.50



Echelle en X : 1/100

Echelle en Y : 1/100

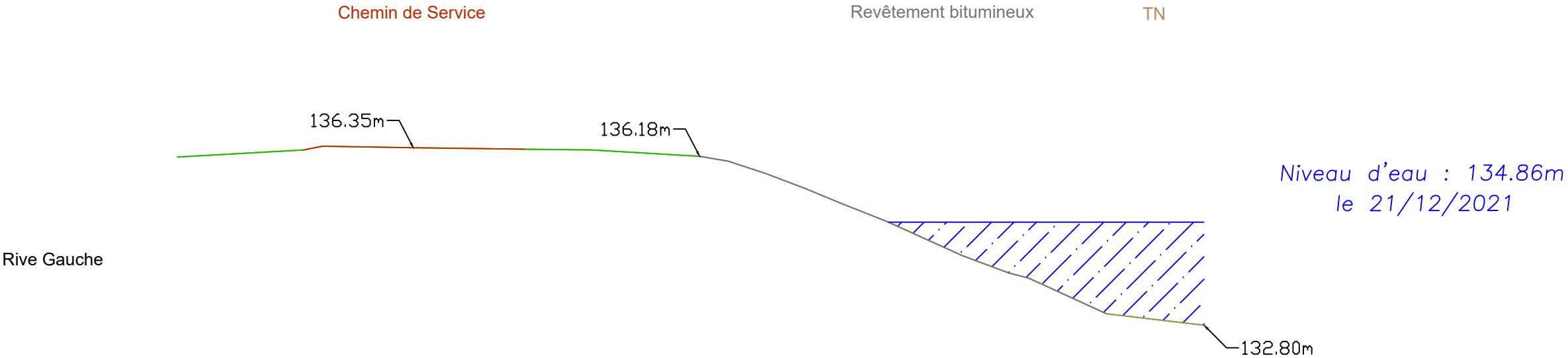
PC : 122.00 m

Altitudes TN	136.20	136.36	136.39	136.36	136.30	136.29	136.14	136.05	135.79	135.52	135.20	135.03	134.87	134.23	134.06	133.38	132.85	132.75	132.67
Distances Cumulées	0.00	2.47	2.81	4.51	6.71	7.52	10.25	10.92	11.73	12.41	13.18	13.60	14.05	15.32	15.91	17.40	18.77	20.29	21.21
Pentes		RAMPE L = 2.47 m P = 6.67 %	PENTE L = 1.70 m P = -2.29 %	PENTE L = 2.21 m P = -2.62 %		PENTE L = 2.73 m P = -5.59 %							PENTE L = 1.28 m P = -50.25 %		PENTE L = 1.50 m P = -45.53 %	PENTE L = 1.36 m P = -38.76 %	PENTE L = 1.53 m P = -6.23 %		



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

Profil n°: 41
PK: 307.950
X : 419122.37
Y : 5392253.56



Echelle en X : 1/100
Echelle en Y : 1/100
PC : 122.00 m

Altitudes TN	136.16	136.30	136.38	136.35	136.32	136.30	136.18	136.08	135.84	135.54	135.24	135.01	134.86	134.20	133.84	133.74	133.03	132.80
Distances Cumulées	0.00	2.52	2.90	4.72	6.95	8.29	10.44	11.01	11.75	12.54	13.26	13.84	14.22	15.69	16.63	17.02	18.58	20.53
Pentes	RAMPE L = 2.52 m P = 5.63 %		PENTE L = 1.81 m P = -1.71 %	PENTE L = 2.23 m P = -1.30 %	PENTE L = 1.34 m P = -1.12 %	PENTE L = 2.16 m P = -5.89 %	PENTE L = 1.47 m P = -45.22 %	PENTE L = 1.56 m P = -45.77 %	PENTE L = 1.95 m P = -11.74 %									



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

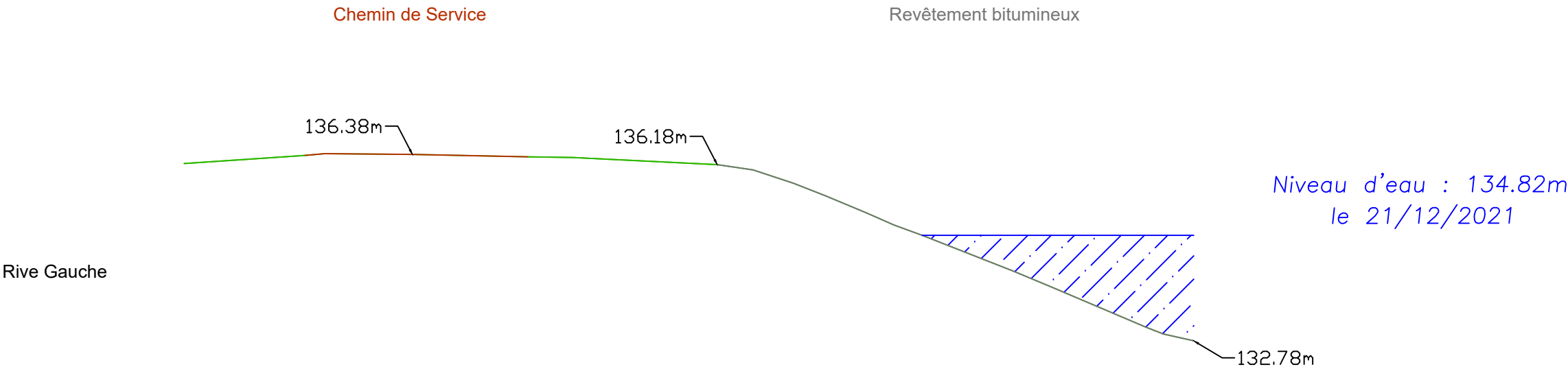
Profil n°: 42

UTM 32 / NHN

PK: 307.975

X : 419135.30

Y : 5392276.58



Echelle en X : 1/100

Echelle en Y : 1/100

PC : 122.00 m

Altitudes TN	136.20	136.36	136.39	136.38	136.33	136.32	136.18	136.08	135.82	135.58	135.25	135.02	134.82	134.13	133.82	133.05	132.91	132.78
Distances Cumulées	0.00	2.33	2.71	4.40	6.63	7.49	10.27	10.96	11.74	12.35	13.15	13.68	14.22	15.97	16.71	18.53	18.87	19.46
Pentes		RAMPE L = 2.33 m P = 6.74 %	PENTE L = 1.69 m P = -0.89 %	PENTE L = 2.24 m P = -2.11 %		PENTE L = 2.78 m P = -4.93 %							PENTE L = 1.75 m P = -39.31 %		PENTE L = 1.81 m P = -42.59 %			



Voies Navigables de France
Restauration du parement amont des écluses de GAMBSHEIM

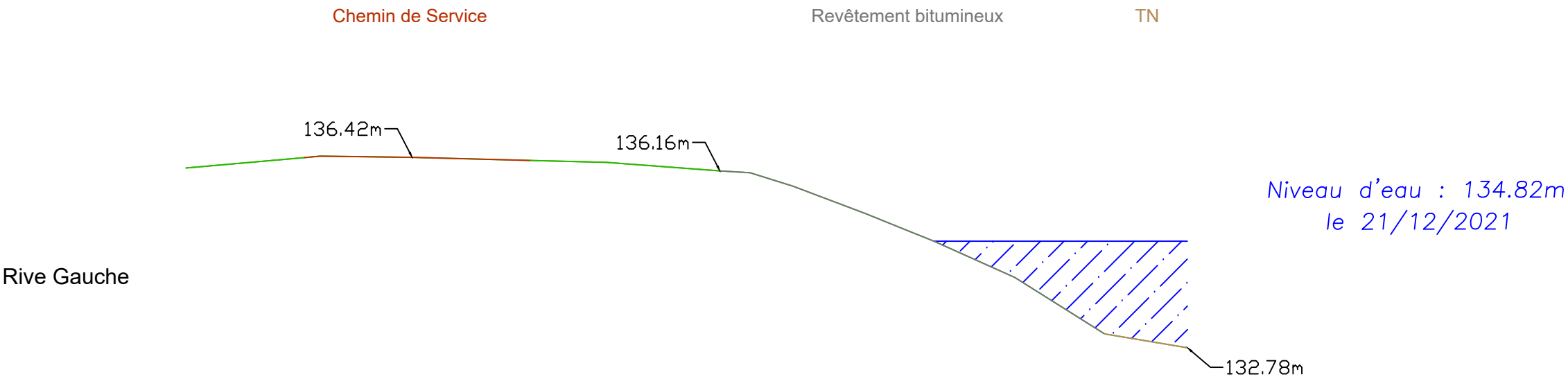
Profil n°: 43

UTM 32 / NHN

PK: 308.000

X : 419149.96

Y : 5392302.02



Echelle en X : 1/100

Echelle en Y : 1/100

PC : 122.00 m

Altitudes TN	136.22	136.41 136.44	136.42	136.36	136.32	136.16	136.12	135.87	135.58	135.35	135.04	134.82	134.13	133.05	132.78
Distances Cumulées	0.00	2.27 2.56	4.32	6.57	8.02	10.19	10.77	11.59	12.35	12.97	13.72	14.28	15.82	17.53	19.11
Pentes		RAMPE L = 2.27 m P = 8.77 %	PENTE L = 1.75 m P = -1.31 %	PENTE L = 3.70 m P = -2.62 %	PENTE L = 2.17 m P = -7.51 %								PENTE L = 1.54 m P = -44.81 %	PENTE L = 1.72 m P = -62.81 %	PENTE L = 1.58 m P = -16.76 %