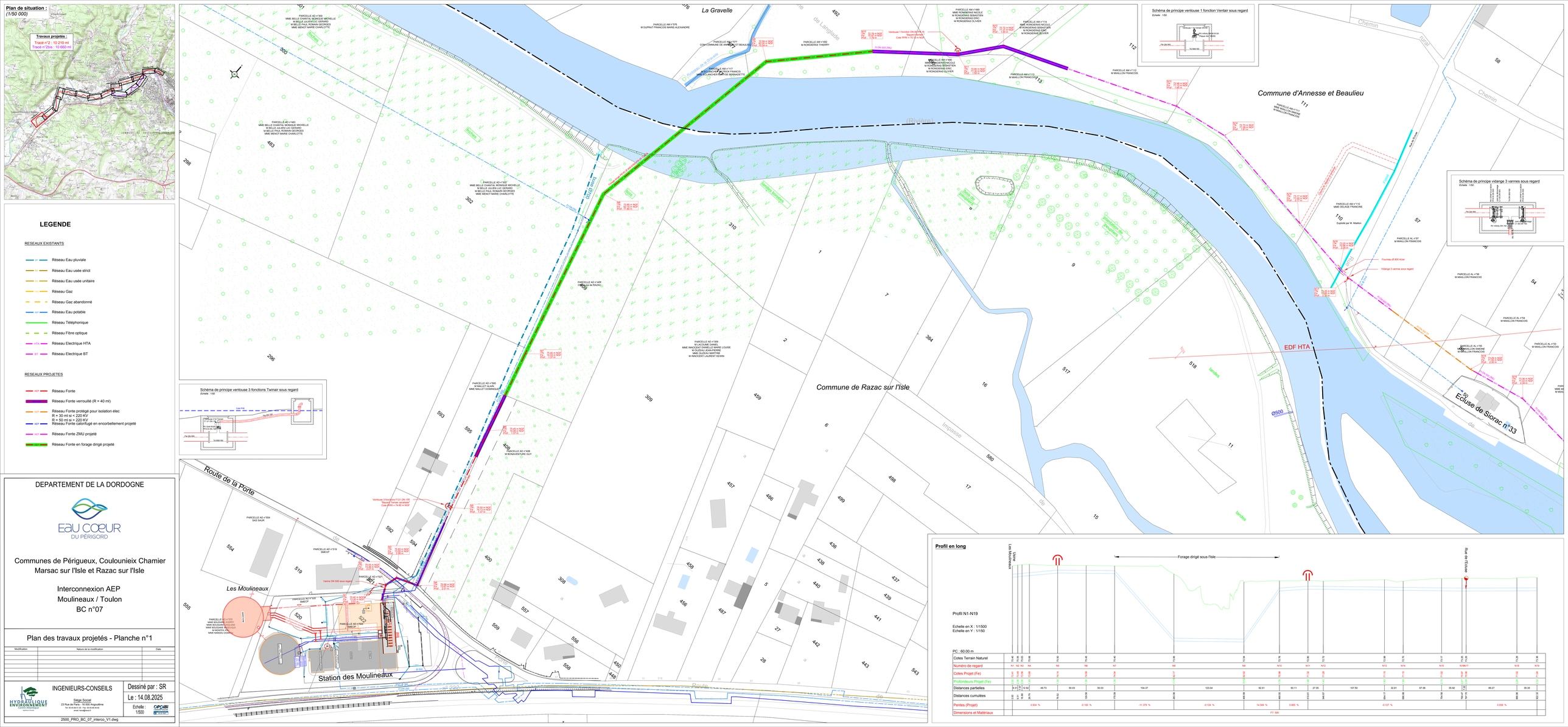
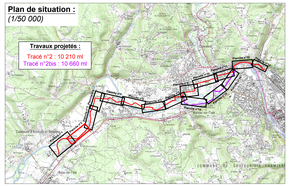

Plan de situation :
(1/50 000)
Travaux projetés :
Tracé n°2 : 10 210 ml
Tracé n°2bis : 10 660 ml
LEGENDE
RESEAUX EXISTANTS
Réseau Eau pluviale
Réseau Eau usée strict
Réseau Eau usée unitaire
Réseau Gaz
Réseau Gaz abandonné
Réseau Eau potable
Réseau Téléphonique
Réseau Fibre optique
Réseau Electrique HTA
Réseau Electrique BT
RESEAUX PROJETES
Réseau Fonte
Réseau Fonte verrouillé (R = 40 ml)
Réseau Fonte protégé pour isolation élec
R = 30 ml si < 220 KV
R = 50 ml si > 220 KV
Réseau Fonte calorifugé en encorbellement projeté
Réseau Fonte ZMU projeté
Réseau Fonte en forage dirigé projeté
La Gravelle
Commune d'Annesse et Beaulieu
Commune de Razac sur l'Isle
Les Moulineaux
Route de la Porte
Station des Moulineaux
Ecluse de Siorac n°33
EDF HTA
Schéma de principe ventouse 1 fonction Ventair sous regard
Schéma de principe ventouse 3 fonctions Twinair sous regard
Schéma de principe vidange 3 vannes sous regard
Profil en long
Profil N1-N19
Echelle en X : 1/1500
Echelle en Y : 1/150
PC : 60.00 m
Forage dirigé sous l'Isle
Cotes Terrain Naturel
Numéro de regard
Cotes Projet (Fe)
Profondeurs Projet (Fe)
Distances partielles
Distances cumulées
Pentes (Projet)
Dimensions et Matériaux
DEPARTEMENT DE LA DORDOGNE
EAU CŒUR DU PÉRIGORD
Communes de Périgueux, Coulounieix Chamier
Marsac sur l'Isle et Razac sur l'Isle
Interconnexion AEP
Moulineaux / Toulon
BC n°07
Plan des travaux projetés - Planche n°1
Modification
Nature de la modification
Date
INGENIEURS-CONSEILS
HYDRATEC ENVIRONNEMENT
Siège Social
23 Rue de Paris - 19 000 Angoulême
Tel. 05 45 69 21 00 - Fax. 05 45 69 40 92
email : hec@hec.fr
Dessiné par : SR
Le : 14.08.2025
Echelle : 1/500
2500_PRO_BC_07_interco_V1.dwg

Plan de situation :
(1/50 000)



LEGENDE

RESEAUX EXISTANTS

- EP — Réseau Eau pluviale
- EU — Réseau Eau usée strict
- EU — Réseau Eau usée unitaire
- GAZ — Réseau Gaz
- GAZ — Réseau Gaz abandonné
- AEP — Réseau Eau potable
- — Réseau Téléphonique
- — Réseau Fibre optique
- HTA — Réseau Electrique HTA
- BT — Réseau Electrique BT

RESEAUX PROJETES

- AEP — Réseau Fonte
- Réseau Fonte verrouillé (R = 40 mli)
- AEP — Réseau Fonte protégé pour isolation élec R = 30 mli si < 220 KV R = 50 mli si > 220 KV
- AEP — Réseau Fonte calorifugé en encorbellement projeté
- AEP — Réseau Fonte ZMU projeté
- AEP — Réseau Fonte en forage dirigé projeté

DEPARTEMENT DE LA DORDOGNE

EAU COEUR DU PÉRIGORD

Communes de Périgueux, Coulounieix Chamier
Marsac sur l'Isle et Razac sur l'Isle

Interconnexion AEP
Moulineaux / Toulon
BC n°07

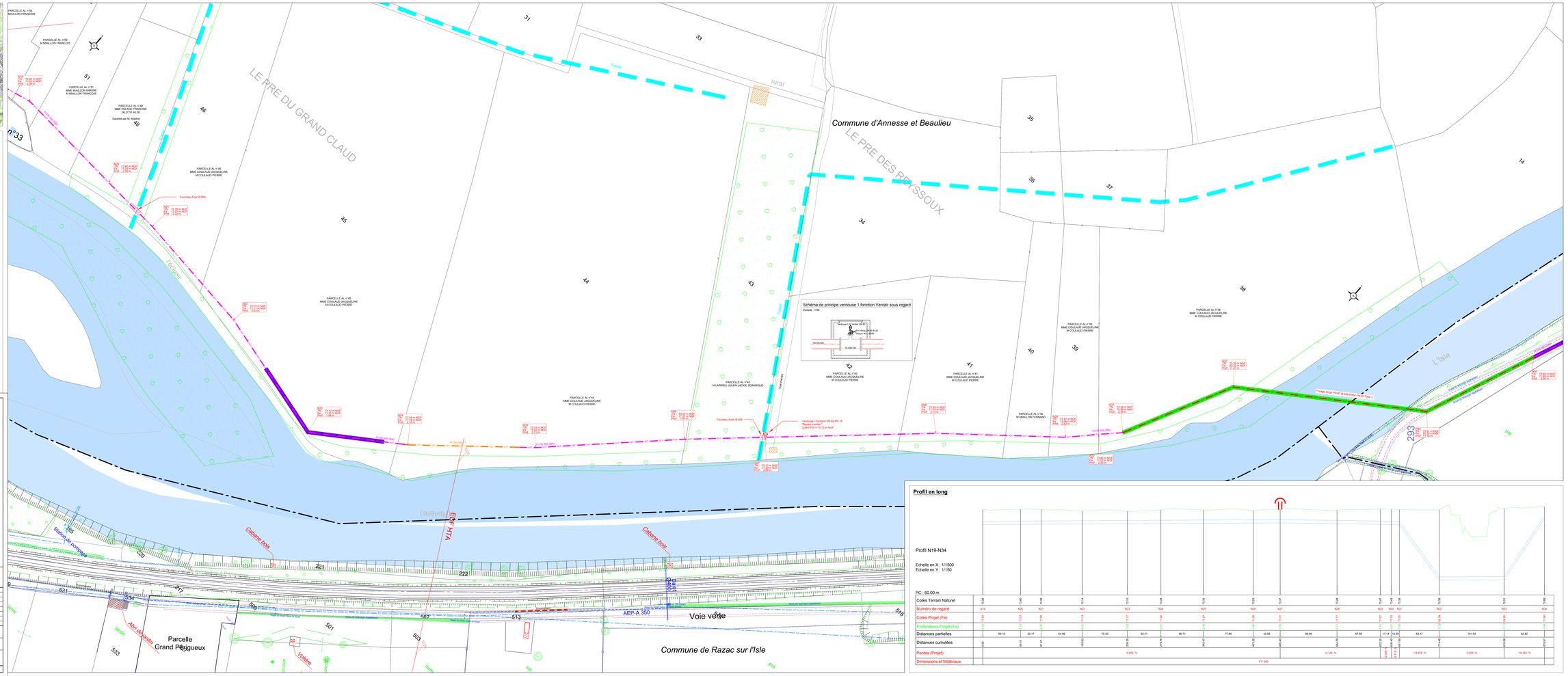
Plan des travaux projetés - Planche n°2

Modification	Nature de la modification	Date

HYDRAULIQUE ENVIRONNEMENT
INGENIEURS-CONSEILS
Siège Social
23 Rue de Paris - 19 000 Angoulême
Tel. 05 45 69 21 97 - Fax 05 45 69 45 83
email: heat@wanadoo.fr

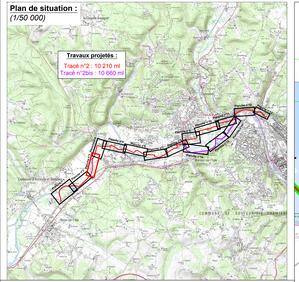
Dessiné par : SR
Le : 14.08.2025
Echelle : 1/500

2500_PRO_BC_07_interco_V1.dwg



Profil en long

Plan de situation :
(1/50 000)



DEPARTEMENT DE LA DORDOGNE

EAU COEUR DU PÉRIGORD

Communes de Périgueux, Coulounieix Chamier
Marsac sur l'Isle et Razac sur l'Isle

Interconnexion AEP
Moulineaux / Toulon
BC n°07

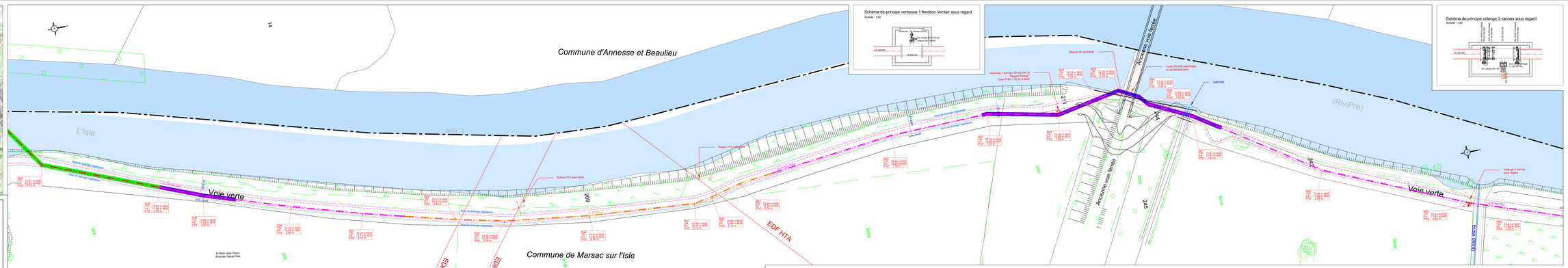
Plan des travaux projetés - Planche n°3

Modification	Nature de la modification	Date

HYDRAULIQUE ENVIRONNEMENT
INGENIEURS-CONSEILS
Siège Social
23 Rue de Paris - 19 000 Angoulême
Tel. 05 45 69 01 60 / Fax 05 45 69 45 62
email: hea@wanadoo.fr

Dessiné par : SR
Le : 14.08.2025
Echelle : 1/500
OPQIBI

2500_PRO_BC_07_interco_V1.dwg


Commune d'Annesse et Beaulieu
Commune de Marsac sur l'Isle
L'Isle
Voie verte
Ancienne voie ferrée
(RiviPre)
EDF HTA
EDF THT Bertrichamp-Semillac
Poteau HTA avec terre
Pylône HTA avec terre
Mur de soutènement maçonné
Mur de soutènement cyclopéen
Mur de soutènement en gabions
Mur de soutènement
Limite Marsac
Limite Annesse
Limite Beaulieu
Limite Razac
Limite Périgueux
Fossé
Talus
Haie
Arbre
Clôture
Portail
Poteau
Bâtiment
Puits
Ventouse 1 fonction DN 60 PN 16 "Regard Ventair"
Cote PRN = 76.92 m NGF
Fonte DN 200 raccordante en encorbellement
Dépose de rembarde
2x Ø1000
Vidange 3 vannes sous regard
Rivi Infinity DN 150
Rivi Infinity DN 100
Rivi Infinity DN 80
Rivi Infinity DN 60
Rivi Infinity DN 50
Rivi Infinity DN 40
Rivi Infinity DN 32
Rivi Infinity DN 25
Rivi Infinity DN 20
Rivi Infinity DN 16
Rivi Infinity DN 10
Rivi Infinity DN 6
Rivi Infinity DN 4
Rivi Infinity DN 3
Rivi Infinity DN 2
Rivi Infinity DN 1
Rivi Infinity DN 0.5
Rivi Infinity DN 0.25
Rivi Infinity DN 0.125
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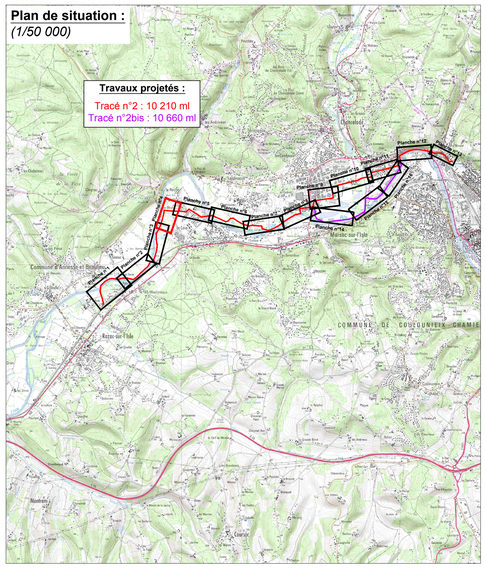
Plan de situation :
(1/50 000)



LEGENDE

RESEAUX EXISTANTS

- EP — Réseau Eau pluviale
- EU — Réseau Eau usée strict
- EU — Réseau Eau usée unitaire
- GAZ — Réseau Gaz
- Réseau Gaz abandonné
- AEP — Réseau Eau potable
- Réseau Téléphonique
- Réseau Fibre optique
- HTA — Réseau Electrique HTA
- BT — Réseau Electrique BT

RESEAUX PROJETES

- AEP — Réseau Fonte
- AEP — Réseau Fonte verrouillé (R = 40 ml)
- AEP — Réseau Fonte protégé pour isolation élec
  R = 30 ml si < 220 KV
  R = 50 ml si > 220 KV
- AEP — Réseau Fonte calorifugé en encorbellement projeté
- AEP — Réseau Fonte ZMU projeté
- AEP — Réseau Fonte en forage dirigé projeté

DEPARTEMENT DE LA DORDOGNE

EAU COEUR DU PÉRIGORD

Communes de Périgueux, Coulounieix Chamier
Marsac sur l'Isle et Razac sur l'Isle

Interconnexion AEP
Moulineaux / Toulon
BC n°07

Plan des travaux projetés - Planche n°4

Modification	Nature de la modification	Date

HYDRAULIQUE ENVIRONNEMENT Centre Atlantique
INGENIEURS-CONSEILS
Siège Social
23 Rue de Paris - 16 000 Angoulême
Tel: 05.45.68.51.00 - Fax: 05.45.68.49.92
email: heca@heca.fr

Dessiné par : SR
Le : 14.08.2025
Echelle : 1/500

2500_PRO_BC_07_interco_V1.dwg

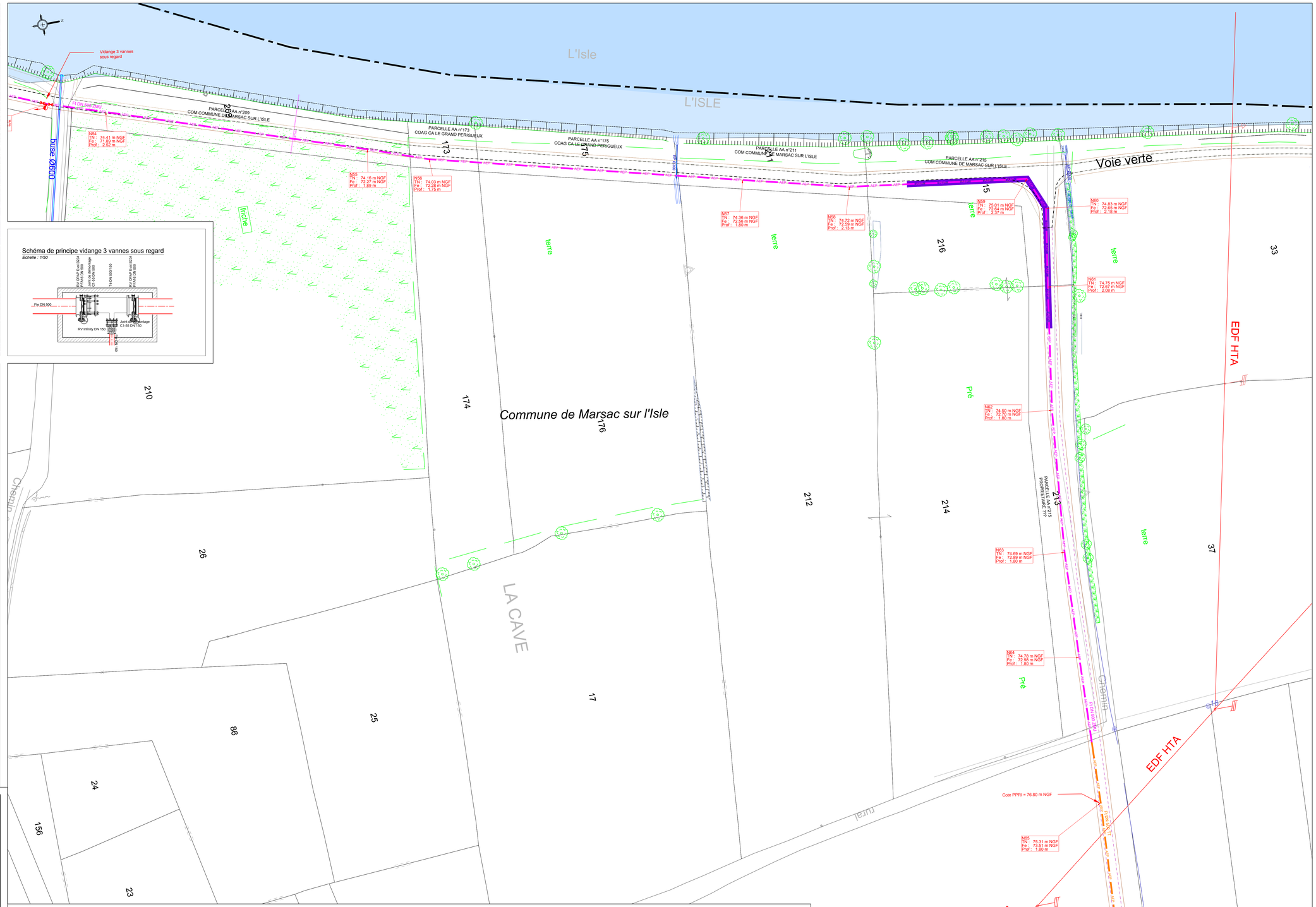
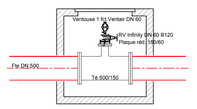
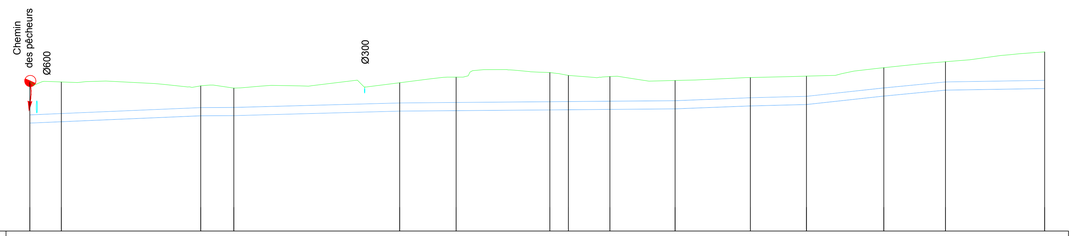


Schéma de principe vidange 3 vannes sous regard
Echelle : 1/50

Schéma de principe ventouse 1 fonction Ventair sous regard
Echelle : 1/50

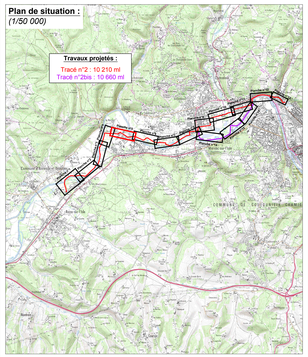


Profil en long



| | | |

Plan de situation :
(1/50 000)



LEGENDE

RESEAUX EXISTANTS

- EP — Réseau Eau pluviale
- EU — Réseau Eau usée strict
- EU — Réseau Eau usée unitaire
- GAZ — Réseau Gaz
- Réseau Gaz abandonné
- AEP — Réseau Eau potable
- Réseau Téléphonique
- Réseau Fibre optique
- HTA — Réseau Electrique HTA
- BT — Réseau Electrique BT

RESEAUX PROJETES

- AEP — Réseau Fonte
- Réseau Fonte verrouillé (R = 40 ml)
- AEP — Réseau Fonte protégé pour isolation élec
  R = 30 ml si < 220 KV
  R = 50 ml si > 220 KV
- AEP — Réseau Fonte calorifugé en encorbellement projeté
- AEP — Réseau Fonte ZMU projeté
- AEP — Réseau Fonte en forage dirigé projeté

DEPARTEMENT DE LA DORDOGNE

EAU COEUR DU PÉRIGORD

Communes de Périgueux, Coulounieix Chamier
Marsac sur l'Isle et Razac sur l'Isle

Interconnexion AEP
Moulineaux / Toulon
BC n°07

Plan des travaux projetés - Planche n°5

Modification	Nature de la modification	Date

HYDRATEC ENVIRONNEMENT
Centre Atlantique
INGENIEURS-CONSEILS
Siège Social
23 Rue de Paris - 16 000 Angoulême
Tel. 05.45.69.81.00 - Fax. 05.45.66.40.92
email: hea@hea.fr

Dessiné par : SR
Le : 14.08.2025
Echelle : 1/500

2500_PRO_BC_07_interco_V1.dwg

Profil en long

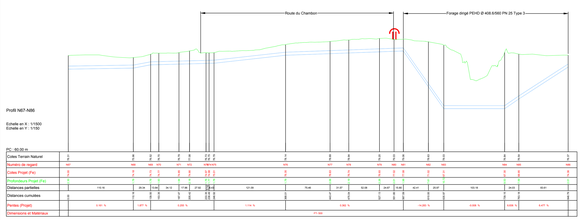
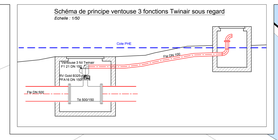
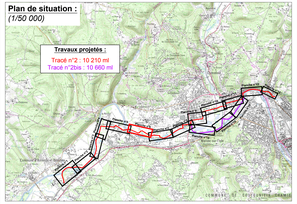


Schéma de principe ventouse 3 fonctions Twinair sous regard
Echelle : 1/50



Plan de situation :
(1/50 000)



LEGENDE

RESEAUX EXISTANTS

- EP — Réseau Eau pluviale
- ES — Réseau Eau usée strict
- EU — Réseau Eau usée unitaire
- GAZ — Réseau Gaz
- Réseau Gaz abandonné
- AEP — Réseau Eau potable
- Réseau Téléphonique
- Réseau Fibre optique
- HTA — Réseau Electrique HTA
- BT — Réseau Electrique BT

RESEAUX PROJETES

- AEP — Réseau Fonte
- Réseau Fonte verrouillé (R = 40 ml)
- AEP — Réseau Fonte protégé pour isolation élec R = 30 ml si < 220 KV R = 50 ml si > 220 KV
- AEP — Réseau Fonte calorifugé en encorbellement projeté
- AEP — Réseau Fonte ZMU projeté
- Réseau Fonte en forage dirigé projeté

DEPARTEMENT DE LA DORDOGNE

EAU COEUR DU PÉRIGORD

Communes de Périgueux, Coulounieix Chamier
Marsac sur l'Isle et Razac sur l'Isle

Interconnexion AEP
Moulineaux / Toulon
BC n°07

Plan des travaux projetés - Planche n°6

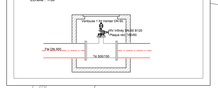
Modification	Nature de la modification	Date

HYDRAULIQUE ENVIRONNEMENT
Conseils Assistance Ingénierie
INGENIEURS-CONSEILS
Siège Social
23 Rue de Pompidou - 16 430 Angoulême
Tel 05 45 69 08 18 - Fax 05 45 69 40 62
email: he@wanadoo.fr

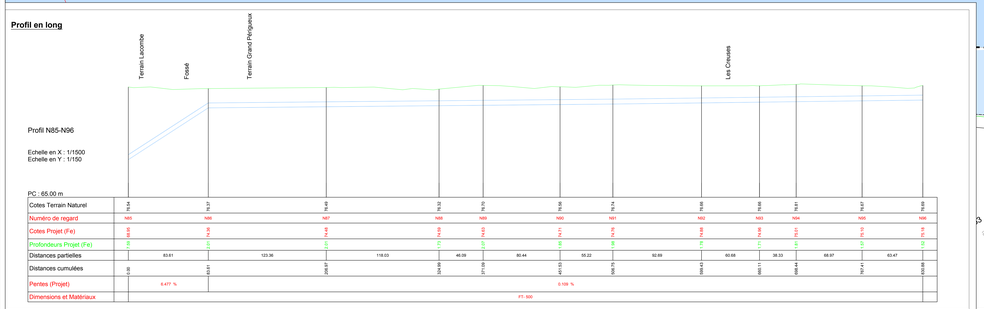
Dessiné par : SR
Le : 14.08.2025
Echelle : 1/500

2500_PRO_BC_07_interco_V1.dwg

Schéma de principe ventouse 1 fonction Ventair sous regard
Echelle : 1/50

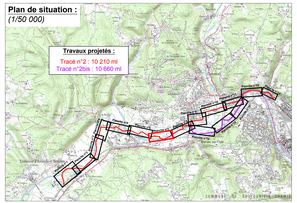


Profil en long



Cotes Terrain Naturel	79.54	79.37	78.45	78.52	78.70	78.96	79.74	79.66	79.66	79.61	79.67	79.69	
Numéro de regard	N85	N86	N87	N88	N89	N90	N91	N92	N93	N94	N95	N96	
Cotes Projet (Fe)	80.65	79.28	78.36	78.39	78.61	78.71	79.28	79.66	79.66	79.61	79.67	79.69	
Profondeurs Projet (Fe)	0.89	0.91	0.91	0.91	0.91	0.75	0.46	0.00	0.00	0.00	0.00	0.00	
Distances partielles		83.81	123.36	118.03	46.39	80.44	55.22	52.89	60.68	38.33	68.97	63.47	
Distances cumulées	0.00	83.81	207.17	325.20	371.59	452.03	507.25	560.14	620.82	659.15	728.12	791.59	1
Pentes (Projet)		6.477 %					0.109 %						
Dimensions et Matériaux						PT: 500							

Plan de situation :
(1/50 000)



LEGENDE

RESEAUX EXISTANTS

- EP — Réseau Eau pluviale
- EU — Réseau Eau usée strict
- EU — Réseau Eau usée unitaire
- GAZ — Réseau Gaz
- GAZ — Réseau Gaz abandonné
- AEP — Réseau Eau potable
- Réseau Téléphonique
- Réseau Fibre optique
- HTA — Réseau Electrique HTA
- BT — Réseau Electrique BT

RESEAUX PROJETES

- AEP — Réseau Fonte
- Réseau Fonte verrouillé (R = 40 ml)
- AEP — Réseau Fonte protégé pour isolation élec
  R = 30 ml si < 220 kV
  R = 50 ml si > 220 kV
- AEP — Réseau Fonte calorifugé en encorbellement projeté
- AEP — Réseau Fonte ZMU projeté
- Réseau Fonte en forage dirigé projeté

DEPARTEMENT DE LA DORDOGNE

EAU COEUR DU PÉRIGORD

Communes de Périgueux, Coulounieix Chamier
Marsac sur l'Isle et Razac sur l'Isle

Interconnexion AEP
Moulineaux / Toulon
BC n°07

Plan des travaux projetés - Planche n°7

Modification	Nature de la modification	Date

HYDRAULIQUE ENVIRONNEMENT — INGENIEURS-CONSEILS

Siège Social
23 Rue de la Vallée de l'Anguillière
Tel 05 49 88 08 08 - Fax 05 49 88 08 00
email: he@hea.fr

Dessiné par : SR
Le : 14.08.2025
Echelle : 1/500

2500_PRO_BC_07_interco_V1.dwg

Schéma de principe ventouse 3 fonctions Twinair sous regard
Echelle : 1/50

Schéma de principe vidange 3 vannes sous regard
Echelle : 1/50

Profil en long

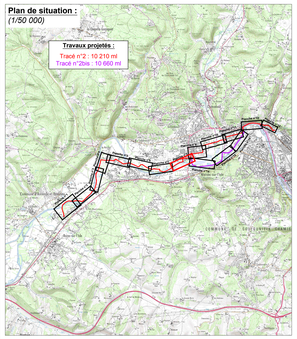
Profil N96-N117

Echelle en X : 1/1500
Echelle en Y : 1/150

PC : 65.00 m

| | | |

Plan de situation :
(1/50 000)



LEGENDE

RESEAUX EXISTANTS

- EP — Réseau Eau pluviale
- EU — Réseau Eau usée strict
- UU — Réseau Eau usée unitaire
- GAZ — Réseau Gaz
- GAZ — Réseau Gaz abandonné
- AEP — Réseau Eau potable
- — Réseau Téléphonique
- — Réseau Fibre optique
- HTA — Réseau Electrique HTA
- BT — Réseau Electrique BT

RESEAUX PROJETES

- AEP — Réseau Fonte
- Réseau Fonte verrouillé (R = 40 ml)
- AEP — Réseau Fonte protégé pour isolation élec
  R = 30 ml si < 220 KV
  R = 50 ml si > 220 KV
- AEP — Réseau Fonte calorifugé en encorbellement projeté
- AEP — Réseau Fonte ZMU projeté
- Réseau Fonte en forage dirigé projeté

DEPARTEMENT DE LA DORDOGNE

EAU COEUR DU PÉRIGORD

Communes de Périgueux, Coulounieix Chamier
Marsac sur l'Isle et Razac sur l'Isle

Interconnexion AEP
Moulineaux / Toulon
BC n°07

Plan des travaux projetés - Planche n°8

Modification	Nature de la modification	Date

HYDRAULIQUE ENVIRONNEMENT

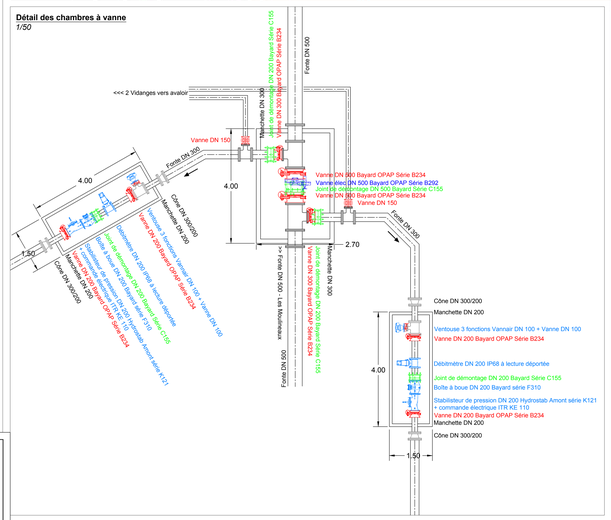
INGENIEURS-CONSEILS

Siège Social
23 Rue de Paris - 16 000 Angoulême
Tel 05 45 65 20 30 - Fax 05 45 65 40 62
email: hea@hea.fr

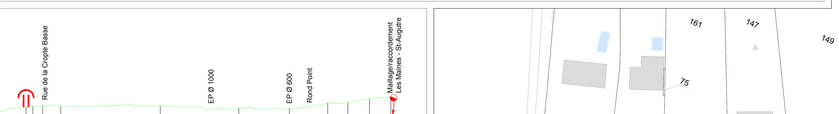
Dessiné par : SR
Le : 14.08.2025
Echelle : 1/500

2500_PRO_BC_07_interco_V1.dwg

Détail des chambres à vanne
1/50



Profil en long



Profil en long

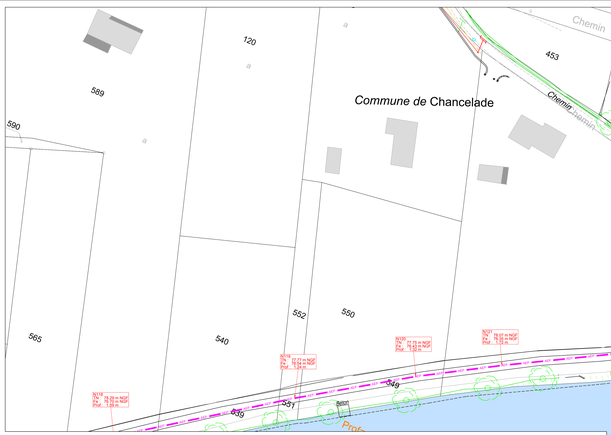
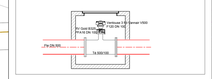
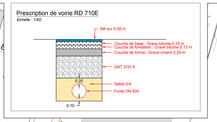


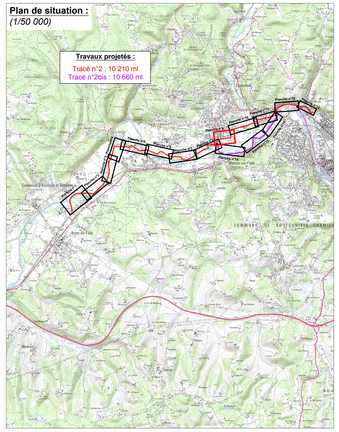
Schéma de principe ventouse 3 fonctions Vannair sous regard
Echelle : 1/50



Prescription de voirie RD 710E
Echelle : 1/50



Plan de situation :
(1/50 000)



LEGENDE

RESEAUX EXISTANTS

- EP — Réseau Eau pluviale
- EU — Réseau Eau usée strict
- EU — Réseau Eau usée unitaire
- GAZ — Réseau Gaz
- — Réseau Gaz abandonné
- AEP — Réseau Eau potable
- — Réseau Téléphonique
- — Réseau Fibre optique
- HTA — Réseau Electrique HTA
- BT — Réseau Electrique BT

RESEAUX PROJETES

- AEP — Réseau Fonte
- Réseau Fonte verrouillé (R = 40 ml)

DEPARTEMENT DE LA DORDOGNE

EAU COEUR DU PÉRIGORD

Communes de Périgueux, Coulounieix Chamier
Marsac sur l'Isle et Razac sur l'Isle

Interconnexion AEP
Moulineaux / Toulon
BC n°07

Plan des travaux projetés - Planche n°9

Modification	Nature de la modification	Date

HYDRAULIQUE ENVIRONNEMENT
Centre Atlantique

INGENIEURS-CONSEILS

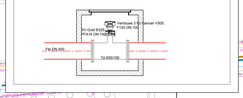
Siège Social
23 Rue de Paris - 16 000 Angoulême
Tel: 05.45.69.91.90 - Fax: 05.45.66.49.92
email: hea@wanadoo.fr

Dessiné par : SR
Le : 14.08.2025
Echelle : 1/500

OPQIBI

2500_PRO_BC_07_interco_V1.dwg

Schéma de principe ventouse 3 fonctions Vannair sous regard
Echelle : 1/50



Profil en long

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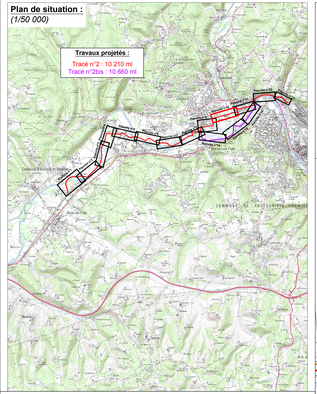
Plan de situation :
(1:50 000)



DEPARTEMENT DE LA DORDOGNE

EAU COEUR DU PÉRIGORD

Communes de Périgueux, Coulounieix Chamier
Marsac sur l'Isle et Razac sur l'Isle

Interconnexion AEP
Moulineaux / Toulon
BC n°07

Plan des travaux projetés - Planche n°10

Modification	Nature de la modification	Date

HYDRAULIQUE ENVIRONNEMENT
Ingénierie conseil

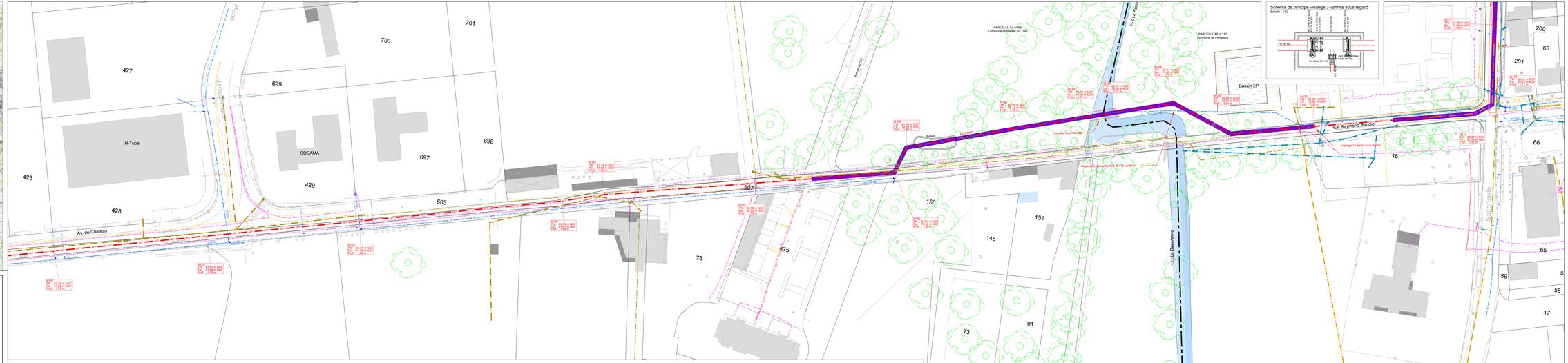
INGENIEURS-CONSEILS

Siège Social
23 Rue de Paris - 16 000 Angoulême
Tel 05 45 69 61 01 - Fax 05 45 69 44 62
email : hea@wanadoo.fr

Dessiné par : SR
Le : 14.08.2025
Echelle : 1/500

OPQIBI

2500_PRO_BC_07_interco_V1.dwg



LEGENDE

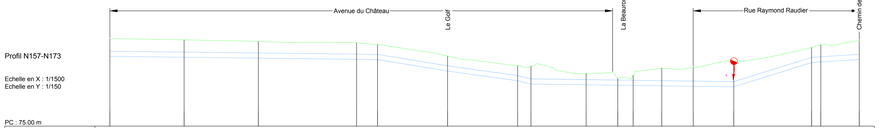
RESEAUX EXISTANTS

- EP — Réseau Eau pluviale
- EU — Réseau Eau usée strict
- EU — Réseau Eau usée unitaire
- GAZ — Réseau Gaz
- — Réseau Gaz abandonné
- AEP — Réseau Eau potable
- — Réseau Téléphonique
- — Réseau Fibre optique
- HTA — Réseau Electrique HTA
- BT — Réseau Electrique BT

RESEAUX PROJETES

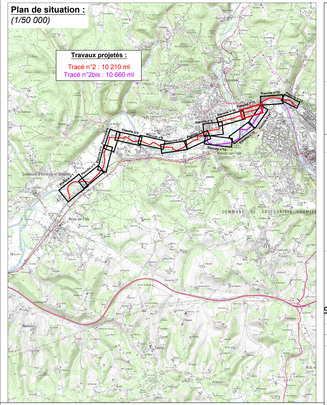
- AEP — Réseau Fonte
- — Réseau Fonte verrouillé (R = 40 ml)
- AEP — Réseau Fonte protégé pour isolation élec
  R = 30 ml si < 220 KV
  R = 50 ml si > 220 KV
  Réseau Fonte calorifugé en encorbellement projeté
- AEP — Réseau Fonte ZMU projeté
- AEP — Réseau Fonte en forage dirigé projeté

Profil en long



| | | |

Plan de situation :
(1/50 000)



DEPARTEMENT DE LA DORDOGNE

EAU COEUR DU PÉRIGORD

Communes de Périgueux, Coulounieix Chamier
Marsac sur l'Isle et Razac sur l'Isle

Interconnexion AEP
Moulineaux / Toulon
BC n°07

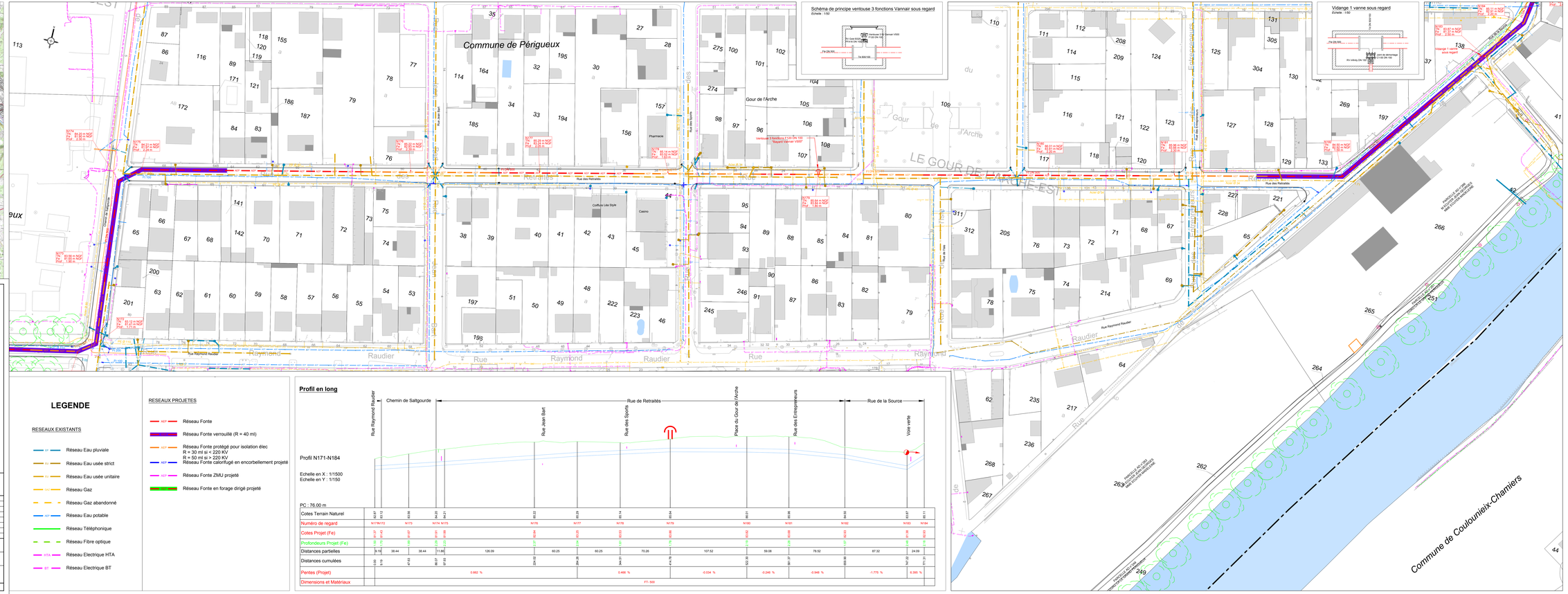
Plan des travaux projetés - Planche n°11

Modification	Nature de la modification	Date

HYDRAULIQUE ENVIRONNEMENT
INGENIEURS-CONSEILS
Siège Social
23 Rue de Pavie - 16 000 Angoulême
Tel: 05.45.68.01.00 - Fax: 05.45.68.49.62
email: hea@wanadoo.fr

Dessiné par : SR
Le : 14.08.2025
Echelle : 1/500
OPQIBI

2500_PRO_BC_07_interco_V1.dwg



LEGENDE

RESEAUX EXISTANTS

- EP — Réseau Eau pluviale
- EU — Réseau Eau usée strict
- EU — Réseau Eau usée unitaire
- GAZ — Réseau Gaz
- GAZ — Réseau Gaz abandonné
- AEP — Réseau Eau potable
- TEL — Réseau Téléphonique
- FO — Réseau Fibre optique
- HTA — Réseau Electrique HTA
- BT — Réseau Electrique BT

RESEAUX PROJETES

- AEP — Réseau Fonte
- Réseau Fonte verrouillé (R = 40 ml)
- AEP — Réseau Fonte protégé pour isolation élec R = 30 ml si < 220 KV R = 50 ml si > 220 KV
- AEP — Réseau Fonte calorifugé en encorbellement projeté
- AEP — Réseau Fonte ZMU projeté
- Réseau Fonte en forage dirigé projeté

Profil en long

Profil N171-N184

Echelle en X : 1/1500
Echelle en Y : 1/150

PC : 76.00 m

| | | |

Plan de situation :
(1/50 000)

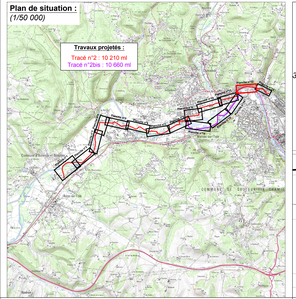
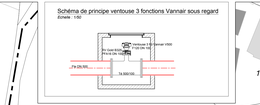
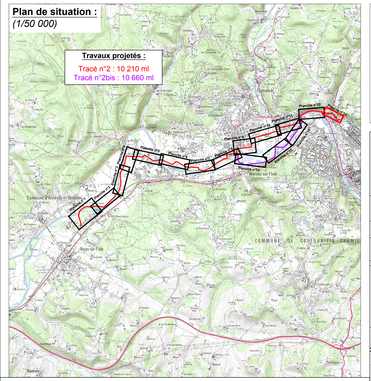


Schéma de principe ventouse 3 fonctions Vannair sous regard
Echelle : 1/50


Ventouse 3 fonctions F100 DN 150
"Regard Vannair VSR2"
Cote PPRH = 81.80 m NGF
Tampon fonte articulé classe D400 Ø 600 mm
Cote TN = 81.80 m NGF
Fil d'eau DN 150 = 80.00 m NGF
Fil d'eau DN 150 = 80.00 m NGF
Fil d'eau DN 150 = 80.00

Plan de situation :
(1/50 000)


Travaux projetés :
Tracé n°2 : 10 210 ml
Tracé n°2bis : 10 660 ml
Route d'Angoulême RD 939
Route de Toulon
Route de Périgueux
Route de Bergerac
Route de Limoges
Route de Mussidan
Route de Lyon
Route de Paris
Route de Bordeaux
Route de Libourne
Route de Montpon
Route de Ribérac
Route de Brive
Route de Sarlat
Route de Cahors
Route de Thiviers
Route de Nontron
Route de Saint-Astier
Route de Saint-Jean-de-Côle
Route de Saint-Pierre-de-Chignac
Route de Saint-Pierre-de-Côle
Route de Saint-Pierre-de-Côle
Route de Saint-Pierre-de-Côle