Pièce n°:5/6

Centre Développement et Ingénierie Lyon
Groupe Maintenance Réseau Forez-Velay

Liaison aérienne à 225 kV

RUEYRES - SAVIGNAC

PROFIL EN LONG

Du support n°81 au support n°102N

DEPARTEMENT DU CANTAL

PARAMETRES CONDUCTEURS ET CABLES DE GARDE
VOIR TABLEAU EN DEBUT DE PLAN

ECHELLES :
Hauteurs : 1/500
Longueurs : 1/2500

Indice : N	Format:0.30x3.98 Surface : 1.19m²
Date: 27/03/2023	Vérifié le: 27/03/2023 Par: A. Brougui

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PLAN N° R-RF-RUEYRL61SAVIG-LAPL-81-102N-N

INDICE	DATE	MODIFICATION	DEMANDEE	EXECUTEE	VERIFIEE
A	03/1996	Mise à jour Paramètres		CGEE ALSTHOM	
B	16/06/14	Relevé topographique de la ligne et création du profil en long sous Autocad	DI LYON	GEOTEAM	GEOTEAM
C	28/07/15	Mise à jour suite à remarques client (Mail envoyé le 01-07-2015)	DI LYON	GEOTEAM	GEOTEAM
D	09/12/16	Màj suite au renforcement des pylônes n°324,328,329	CDI	LEBAG	LEBAG
E	03/2017	Màj après travaux de sécurisation de fondations des pylônes n°324,328,329	CDI	SEFI-INT	SEFI-INT
F	28/01/22	Création du plan à partir du relevé laser et des plans existants	CDI	Y. Appenzeller	A. Brougui
G	07/04/22	Mise à jour du report étude	CDI	Y. Appenzeller	A. Brougui
H	25/08/22	Déplacement du support n°100N suite convention	CDI	S. Naceur	A. Brougui
I	20/10/22	Déplacement du support n°90N	CDI	Y. Appenzeller	A. Brougui
J	10/11/2022	Ajout des balises avifaune	CDI	Y. Appenzeller	A. Brougui
K	13/12/2022	Déplacement du support n°85N	CDI	Y. Appenzeller	A. Brougui
L	30/01/2023	Mise à jour du cartouche des paramètres conducteurs et C.d.G.	CDI	S. Naceur	A. Brougui
M	09/03/2023	Ajout paramètres de répartition à 85 °C et distance aux obstacles	CDI	E.HEMMER	A. Brougui
N	27/03/2023	Ajout distance sécurité 5m	CDI	E.HEMMER	A. Brougui

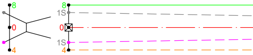
CONDUCTEURS

Canton	Portée n°	Température	Nature	Paramètre		
				Phase 8	Phase 0	Phase 4
81(ex.330) - 93N	81(ex.330) - 82N	+15°C	3x1 Aster 570mm² ~~3x1 Alu-Acier 280mm²~~	1600	1600	1600
	82N - 83N	+15°C		1600	1600	1600
	83N - 84N	+15°C		1600	1600	1600
	84N - 85N	+15°C		1600	1600	1600
	85N - 86N	+15°C		1600	1600	1600
	86N - 87N	+15°C		1600	1600	1600
	87N - 88N	+15°C		1600	1600	1600
	88N - 89N	+15°C		1600	1600	1600
	89N - 90N	+15°C		1600	1600	1600
	90N - 91N	+15°C		1600	1600	1600
	91N - 92N	+15°C		1600	1600	1600
	92N - 93N	+15°C		1600	1600	1600
93N - 102N	93N - 94N	+15°C		1600	1600	1600
	94N - 95N	+15°C		1600	1600	1600
	95N - 96N	+15°C		1600	1600	1600
	96N - 97N	+15°C		1600	1600	1600
	97N - 98N	+15°C		1600	1600	1600
	98N - 99N	+15°C		1600	1600	1600
	99N - 100N	+15°C		1600	1600	1600
	100N - 101N	+15°C		1600	1600	1600
	101N - 102N	+15°C		1600	1600	1600

CABLES DE GARDE

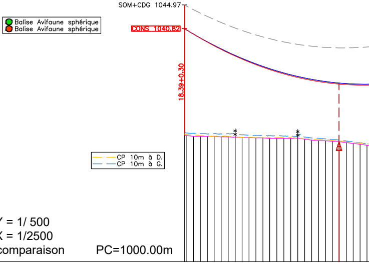
Canton	Portée n°	Température	Nature	Paramètre	
				CDG G.**	CDG D.*
81(ex.330) - 93N	81(ex.330) - 82N	+15°C	1x1 Thym 157mm²* 1x1 Phlox 147.1mm²** ~~1x1 Phlox 147.1mm²~~	2000	2000
	82N - 83N	+15°C		2000	2000
	83N - 84N	+15°C		2000	2000
	84N - 85N	+15°C		2000	2000
	85N - 86N	+15°C		2000	2000
	86N - 87N	+15°C		2000	2000
	87N - 88N	+15°C		2000	2000
	88N - 89N	+15°C		2000	2000
	89N - 90N	+15°C		2000	2000
	90N - 91N	+15°C		2000	2000
	91N - 92N	+15°C		2000	2000
	92N - 93N	+15°C		2000	2000
93N - 102N	93N - 94N	+15°C		2100	2100
	94N - 95N	+15°C		2100	2100
	95N - 96N	+15°C		2100	2100
	96N - 97N	+15°C		2100	2100
	97N - 98N	+15°C		2100	2100
	98N - 99N	+15°C		2100	2100
	99N - 100N	+15°C		2100	2100
	100N - 101N	+15°C		2100	2100
	101N - 102N	+15°C		2100	2100

Alignement	Alignement de: 10637.05m
Repérage de phases	
Commune	CUSSAC
Numéro des Supports	~~330~~ 81
Type des Supports	M1SMR1 A renforcer
Type des Chaînes	6U4X2N15 / 6U4X2N15 ~~6U4H2N10 / 6U4H2N10~~
Type des Massifs	PRC 200
Type des CDG	2xACDG / 2xACDG
Coordonnées Supports (RGF93)	X =696100.16 Y =6431134.39



8
0
4
8
1S
0
1S
4

Anti-cascade
+ Boitier d'épissure

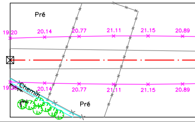


SOM+CDG 1044.97
CONS 1040.82
18.39+0.30
● Balise Avifaune sphérique
● Balise Avifaune sphérique
CP 10m à D.
CP 10m à G.

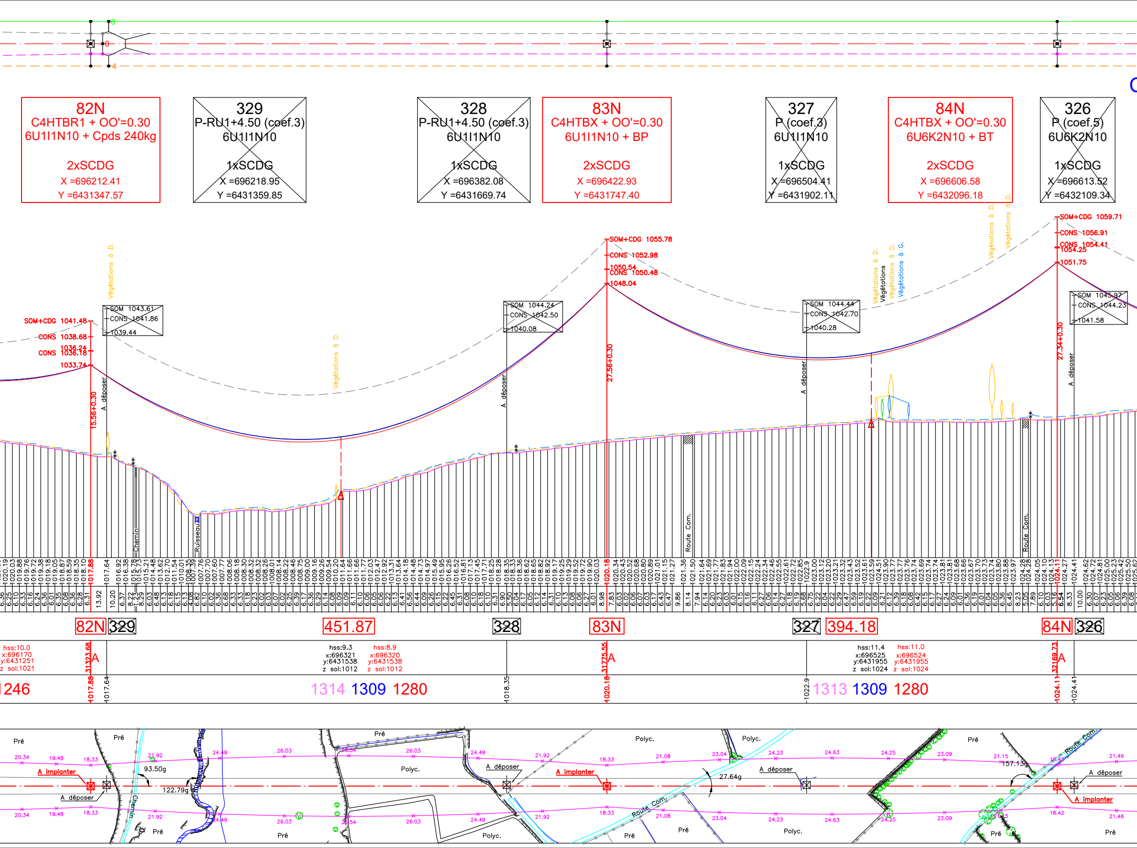
Echelle Y = 1/ 500
Echelle X = 1/2500
Plan de comparaison PC=1000.00m

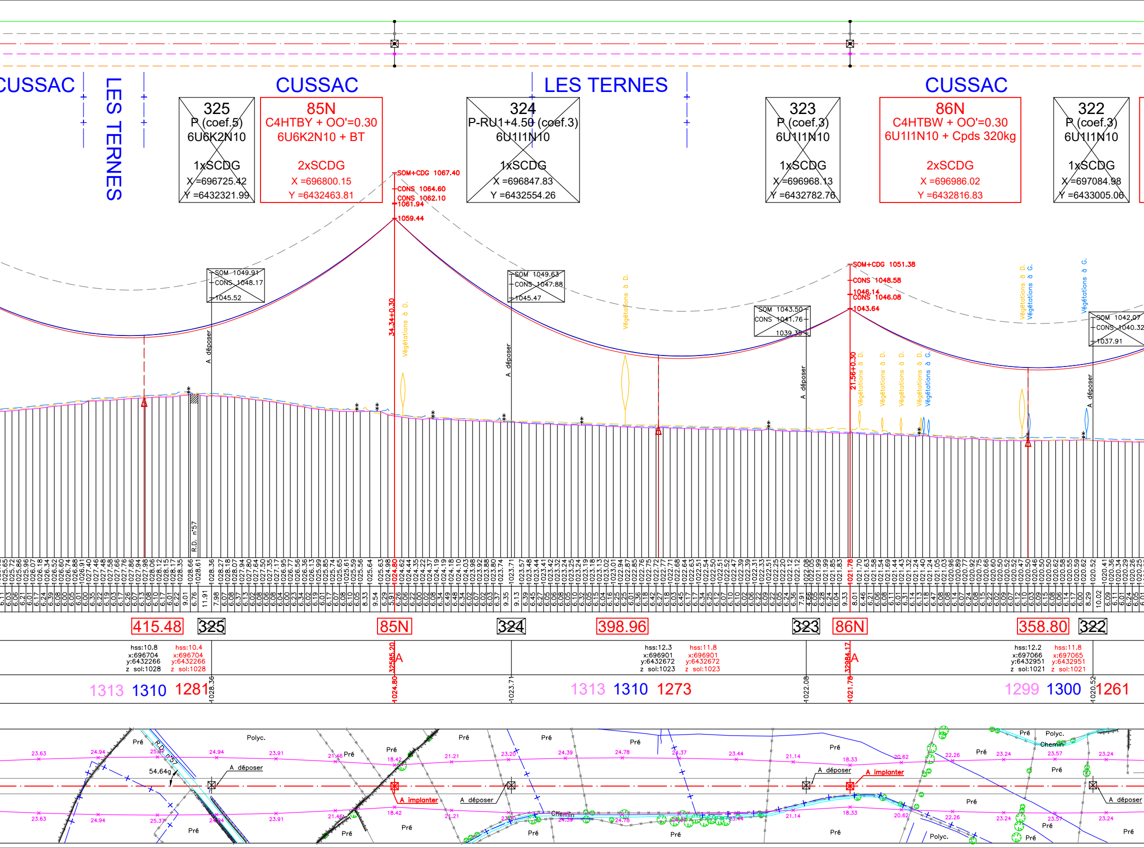
Altitudes du terrain	1022.13 1021.97 1021.97 1021.93 1021.93 1021.85 1021.86 1021.79 1021.77 1021.73 1021.69 1021.68 1021.60 1021.61 1021.60 1021.61 1021.65 1021.46 1021.28 1021.19 1021.18 1021.09 1021.01 1020.87 1020.72 1020.56 1020.39
Distances partielles	7.99 6.04 6.06 6.02 6.13 6.07 6.19 6.01 6.01 6.03 6.11 6.01 6.19 6.16 6.03 6.13 6.05 6.13 6.03 6.12 6.01 6.01 6.16 6.01 6.03 6.04
Numéros des pylônes Distances entre pylônes	81 240.93
Distances cumulées des pylônes Classes de précision	31082.75 A hss:10.2 x:696170 y:6431250 z sol:1021
Altitudes des pylônes Paramètres à 75°C / Givre 3.50cm /à 85°C	1022.13 1285 1287

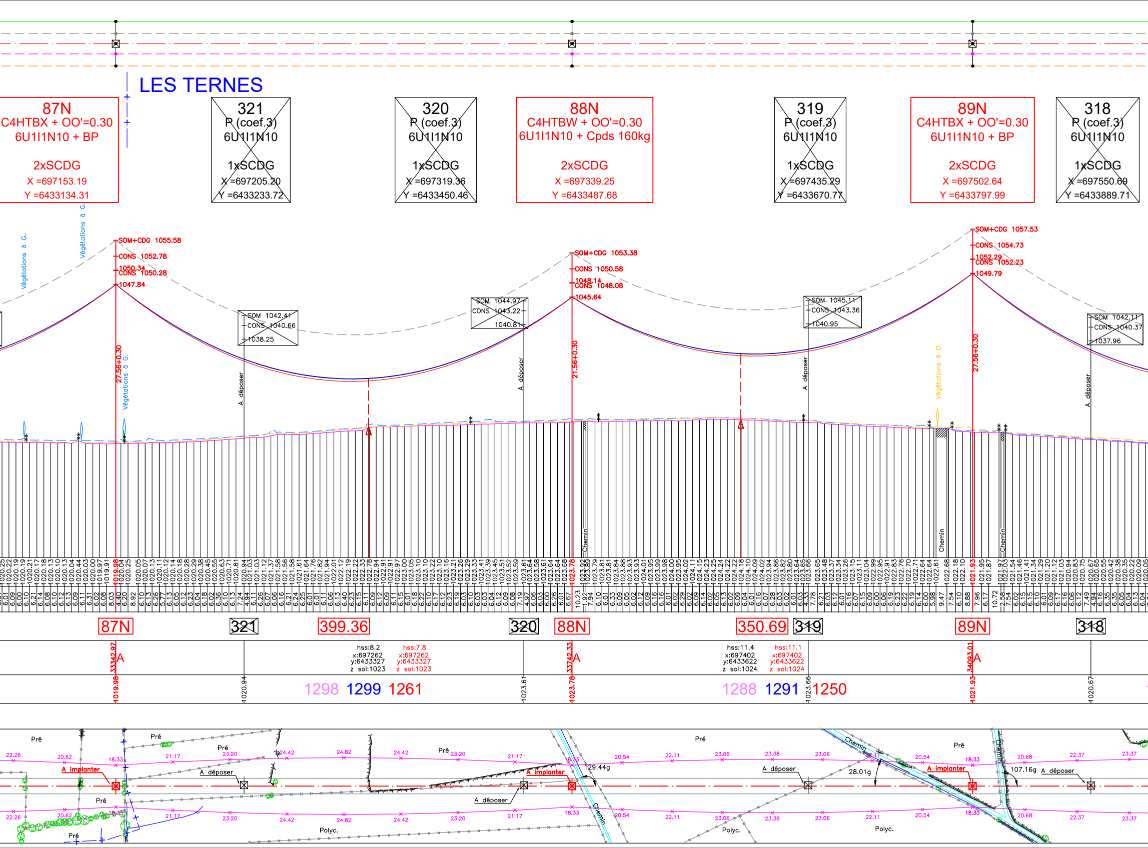
Vers poste
de Rueyres

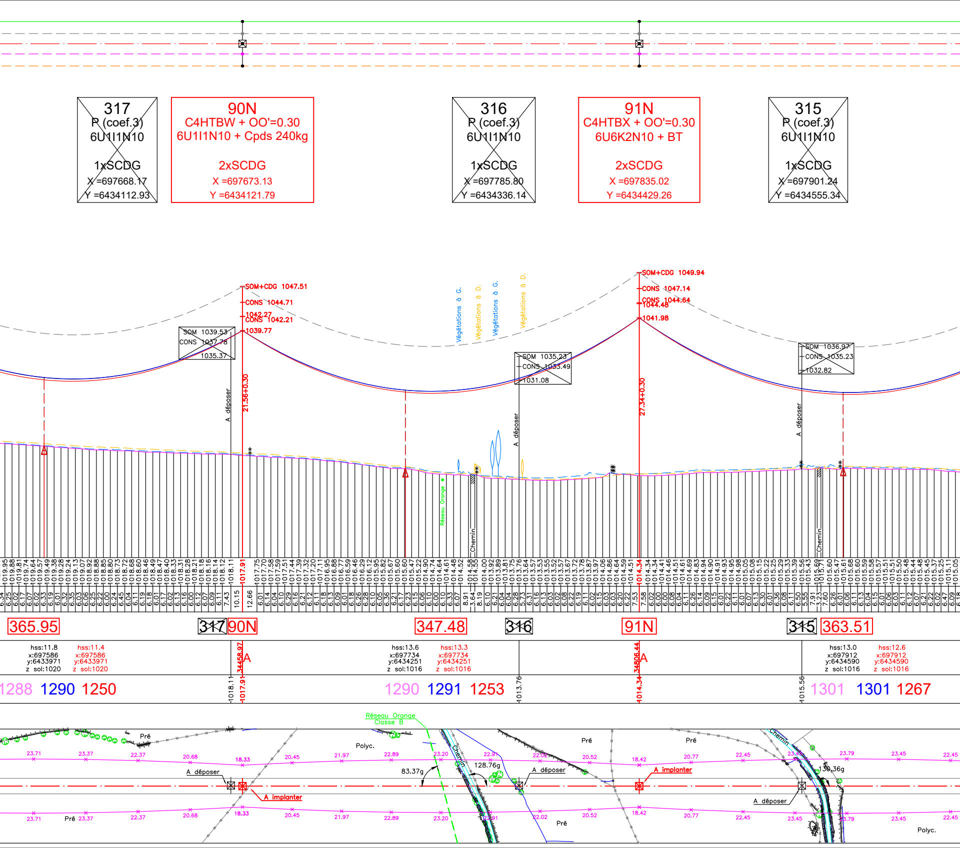


Pré
19.20
20.14
20.77
21.11
21.15
20.89
19.20
20.14
20.77
21.11
21.15
20.89
Chemin
Pré

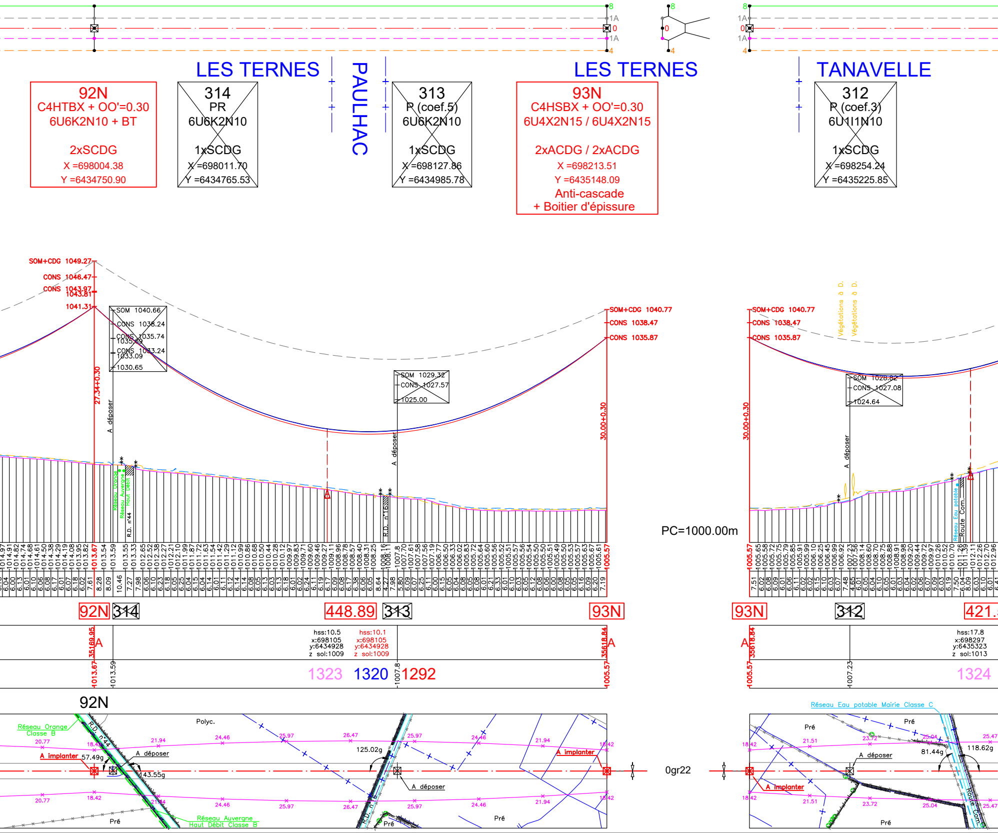

82N
C4HTBR1 + OO'=0.30
6U1I1N10 + Cpds 240kg
2xSCDG
X =696212.41
Y =6431347.57
329
P-RU1+4.50 (coef.3)
6U1I1N10
1xSCDG
X =696218.95
Y =6431359.85
328
P-RU1+4.50 (coef.3)
6U1I1N10
1xSCDG
X =696382.08
Y =6431669.74
83N
C4HTBX + OO'=0.30
6U1I1N10 + BP
2xSCDG
X =696422.93
Y =6431747.40
327
P (coef.3)
6U1I1N10
1xSCDG
X =696504.41
Y =6431902.11
84N
C4HTBX + OO'=0.30
6U6K2N10 + BT
2xSCDG
X =696606.58
Y =6432096.18
326
P (coef.5)
6U6K2N10
1xSCDG
X =696613.52
Y =6432109.34
SOM+CDG 1041.48
CONS 1038.68
1036.24
CONS 1036.16
1033.74
SOM 1043.61
CONS 1041.86
1039.44
SOM 1044.24
CONS 1042.50
1040.08
SOM+CDG 1055.78
CONS 1052.98
1050.54
CONS 1050.48
1048.04
SOM 1044.44
CONS 1042.70
1040.28
SOM+CDG 1059.71
CONS 1056.91
CONS 1054.41
1054.25
1051.75
SOM 1045.97
CONS 1044.23
1041.58
15.56+0.30
27.56+0.30
27.34+0.30
A déposer
Végétations à D.
Végétations
Végétations à G.
Chemin
Ruisseau
Route Com.
82N 329
451.87
328
83N
327 394.18
84N 326
hss:10.0
x:696170
y:6431251
z sol:1021
31323.68
A
hss:9.3
x:696321
y:6431538
z sol:1012
hss:8.9
x:696320
y:6431538
z sol:1012
31775.55
hss:11.4
x:696525
y:6431955
z sol:1024
hss:11.0
x:696524
y:6431955
z sol:1024
32169.73
1246
1314 1309 1280
1313 1309 1280
1017.88
1017.64
1018.35
1020.18
1022.9
1024.11
1024.41
Pré
Polyc.
A implanter
A déposer
93.50g
122.79g
27.64g
157.13g
Chemin
Route Com.
20.34
19.48
18.33
21.92
24.49
26.03
26.54
23.04
21.08
24.23
24.63
24.25
23.09
21.15
18.42
21.46

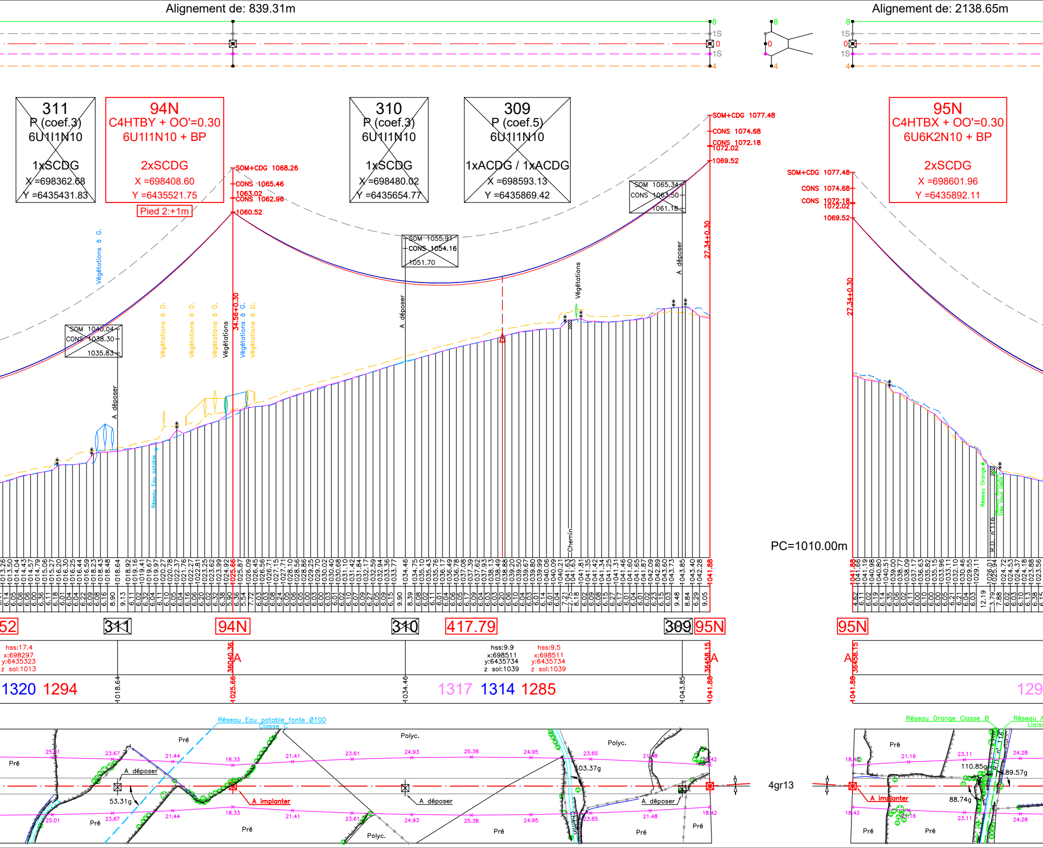

CUSSAC
LES TERNES
325
P (coef.5)
6U6K2N10
1xSCDG
X =696725.42
Y =6432321.99
85N
C4HTBY + OO'=0.30
6U6K2N10 + BT
2xSCDG
X =696800.15
Y =6432463.81
CUSSAC
324
P-RU1+4.50 (coef.3)
6U1I1N10
1xSCDG
X =696847.83
Y =6432554.26
LES TERNES
323
P (coef.3)
6U1I1N10
1xSCDG
X =696968.13
Y =6432782.76
CUSSAC
86N
C4HTBW + OO'=0.30
6U1I1N10 + Cpds 320kg
2xSCDG
X =696986.02
Y =6432816.83
322
P (coef.3)
6U1I1N10
1xSCDG
X =697084.98
Y =6433005.06
SOM+CDG 1067.40
CONS 1064.60
CONS 1062.10
1061.94
1059.44
SOM 1049.91
CONS 1048.17
1045.52
SOM 1049.63
CONS 1047.88
1045.47
SOM+CDG 1051.38
CONS 1048.58
1046.14
CONS 1046.08
1043.64
SOM 1043.50
CONS 1041.76
1039.38
SOM 1042.07
CONS 1040.32
1037.91
34.34+0.30
21.56+0.30
A déposer
Végétations à D.
Végétations à G.
R.D. n°57
415.48
325
85N
324
398.96
323
86N
358.80
322
hss:10.8
x:696704
y:6432266
z sol:1028
hss:10.4
x:696704
y:6432266
z sol:1028
hss:12.3
x:696901
y:6432672
z sol:1023
hss:11.8
x:696901
y:6432672
z sol:1023
hss:12.2
x:697066
y:6432951
z sol:1021
hss:11.8
x:697065
y:6432951
z sol:1021
1024.80-32585.20
A
1021.78-32984.17
A
1313 1310 1281
1028.36
1024.80
1023.71
1313 1310 1273
1022.08
1021.78
1299 1300 1261
1020.52
Pré
Polyc.
R.D. n°57
54.64g
A déposer
A implanter
Chemin
23.63
24.94
25.37
23.91
21.46
18.42
21.21
23.20
24.39
24.78
24.37
23.44
21.14
18.33
20.62
22.26
23.24
23.57


LES TERNES
87N
C4HTBX + OO'=0.30
6U1I1N10 + BP
2xSCDG
X =697153.19
Y =6433134.31
321
P (coef.3)
6U1I1N10
1xSCDG
X =697205.20
Y =6433233.72
320
P (coef.3)
6U1I1N10
1xSCDG
X =697319.36
Y =6433450.46
88N
C4HTBW + OO'=0.30
6U1I1N10 + Cpds 160kg
2xSCDG
X =697339.25
Y =6433487.68
319
P (coef.3)
6U1I1N10
1xSCDG
X =697435.29
Y =6433670.77
89N
C4HTBX + OO'=0.30
6U1I1N10 + BP
2xSCDG
X =697502.64
Y =6433797.99
318
P (coef.3)
6U1I1N10
1xSCDG
X =697550.69
Y =6433889.71
SOM+CDG 1055.58
CONS 1052.78
1050.34
CONS 1050.28
1047.84
SOM 1042.41
CONS 1040.66
1038.25
SOM 1044.97
CONS 1043.22
1040.81
SOM+CDG 1053.38
CONS 1050.58
1048.14
CONS 1048.08
1045.64
SOM 1045.11
CONS 1043.36
1040.95
SOM+CDG 1057.53
CONS 1054.73
1052.29
CONS 1052.23
1049.79
SOM 1042.11
CONS 1040.37
1037.96
Végétations à G.
Végétations à G.
Végétations à G.
Végétations à D.
27.56+0.30
21.56+0.30
27.56+0.30
A déposer
A déposer
A déposer
A déposer
Chemin
Chemin
Chemin
1019.98
1023.78
1021.93
87N
321
399.36
320
88N
350.69
319
89N
318
hss:8.2
x:697262
y:6433327
z sol:1023
hss:7.8
x:697262
y:6433327
z sol:1023
hss:11.4
x:697402
y:6433622
z sol:1024
hss:11.1
x:697402
y:6433622
z sol:1024
33342.97 A
33742.33 A
34093.01 A
1019.98
1020.94
1023.61
1023.78
1023.66
1021.93
1020.67
1298
1299
1261
1288
1291
1250
Pré
Pré
Pré
Pré
Pré
Pré
Pré
Pré
Polyc.
Polyc.
Polyc.
A implanter
A implanter
A implanter
A déposer
A déposer
A déposer
A déposer
129.44g
28.01g
107.16g
Chemin
Chemin
Chemin
22.26
20.62
18.33
21.17
23.20
24.42
24.82
24.42
23.20
21.17
18.33
20.54
22.11
23.06
23.38
23.06
22.11
20.54
18.33
20.68
22.37
23.37

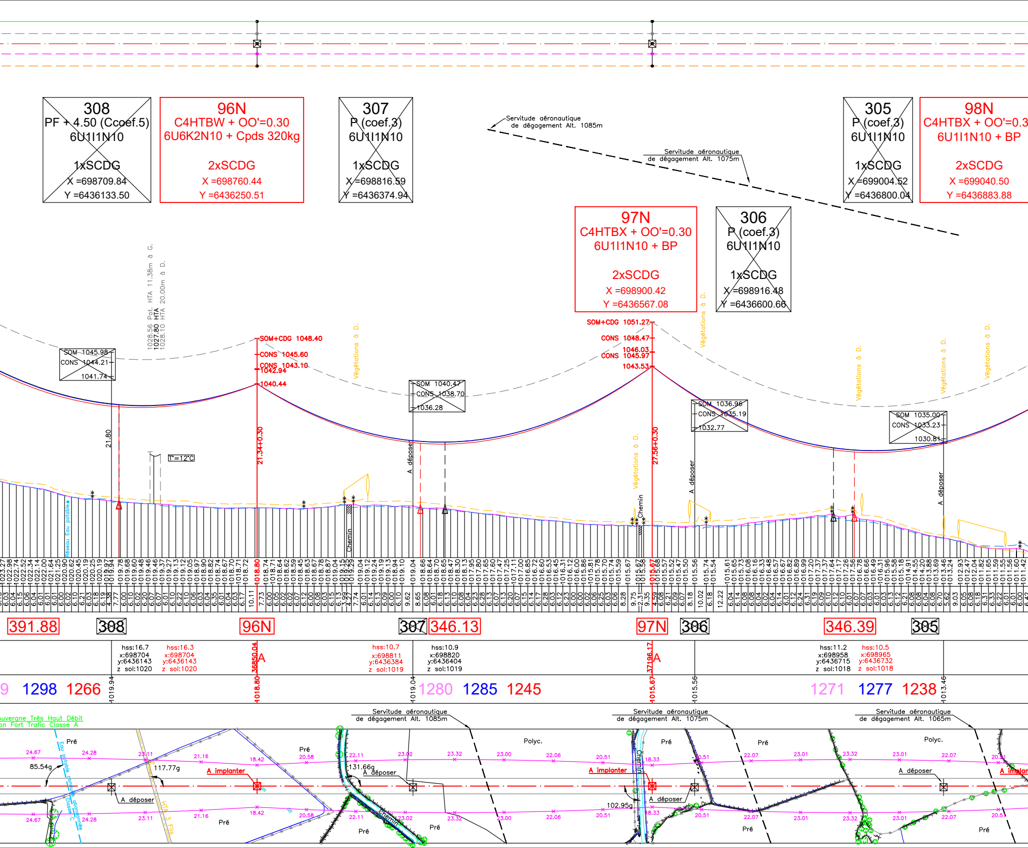

317
P (coef.3)
6U1I1N10
1xSCDG
X =697668.17
Y =6434112.93
90N
C4HTBW + OO'=0.30
6U1I1N10 + Cpds 240kg
2xSCDG
X =697673.13
Y =6434121.79
316
P (coef.3)
6U1I1N10
1xSCDG
X =697785.80
Y =6434336.14
91N
C4HTBX + OO'=0.30
6U6K2N10 + BT
2xSCDG
X =697835.02
Y =6434429.26
315
P (coef.3)
6U1I1N10
1xSCDG
X =697901.24
Y =6434555.34
SOM+CDG 1047.51
CONS 1044.71
1042.27
CONS 1042.21
1039.77
SOM 1039.53
CONS 1037.78
1035.37
A déposer
21.56+0.30
Végétations à G.
Végétations à D.
Végétations à G.
Végétations à D.
SOM 1035.23
CONS 1033.49
1031.08
SOM+CDG 1049.94
CONS 1047.14
CONS 1044.64
1044.48
1041.98
27.34+0.30
SOM 1036.97
CONS 1035.23
1032.82
Réseau Orange
Chemin
Chemin
365.95
317
90N
347.48
316
91N
315
363.51
hss:11.8
x:697586
y:6433971
z sol:1020
hss:11.4
x:697586
y:6433971
z sol:1020
34458.97
A
hss:13.6
x:697734
y:6434251
z sol:1016
hss:13.3
x:697734
y:6434251
z sol:1016
34806.44
A
hss:13.0
x:697912
y:6434590
z sol:1016
hss:12.6
x:697912
y:6434590
z sol:1016
1288
1290
1250
1018.11
1017.91
1290
1291
1253
1013.76
1014.34
1301
1301
1267
1015.56
Réseau Orange
Classe B
Pré
Polyc.
Pré
Pré
Chemin
Chemin
23.71
23.37
22.37
20.68
18.33
20.45
21.97
22.89
23.20
22.91
22.02
20.52
18.42
20.77
22.45
23.45
23.79
23.45
22.45
A déposer
A implanter
83.37g
128.76g
A déposer
A implanter
130.36g
A déposer
Pré
Pré
Polyc.

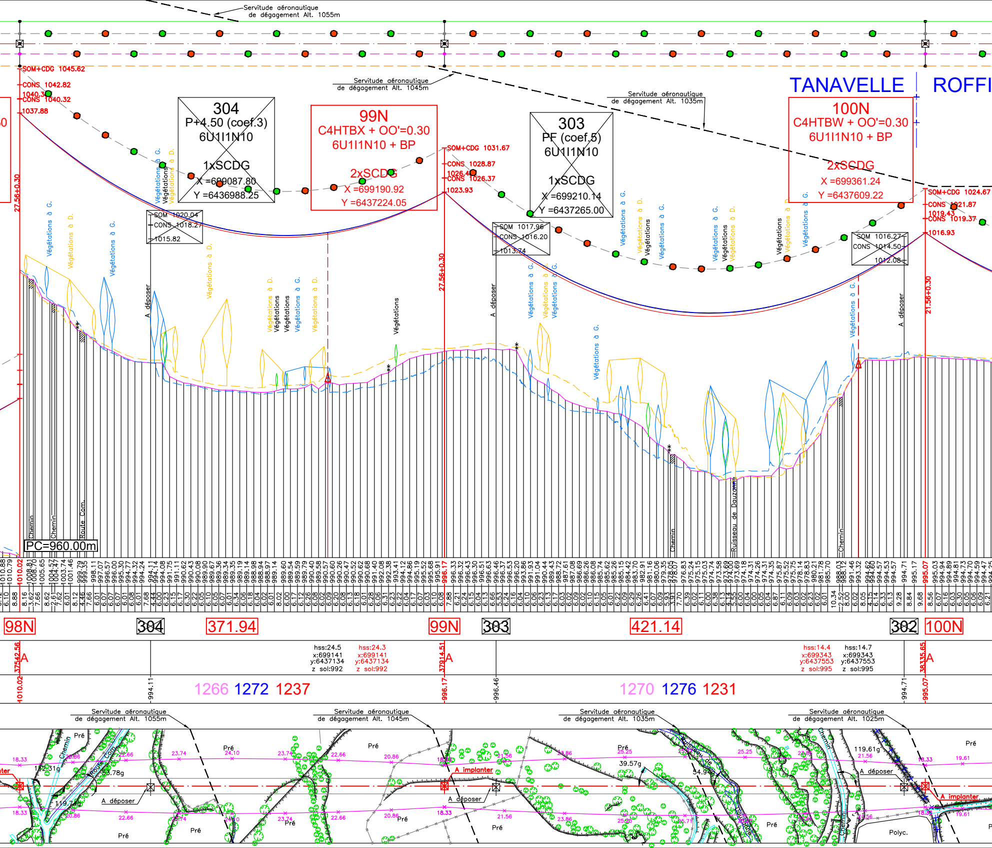
Alignement de: 10637.05m

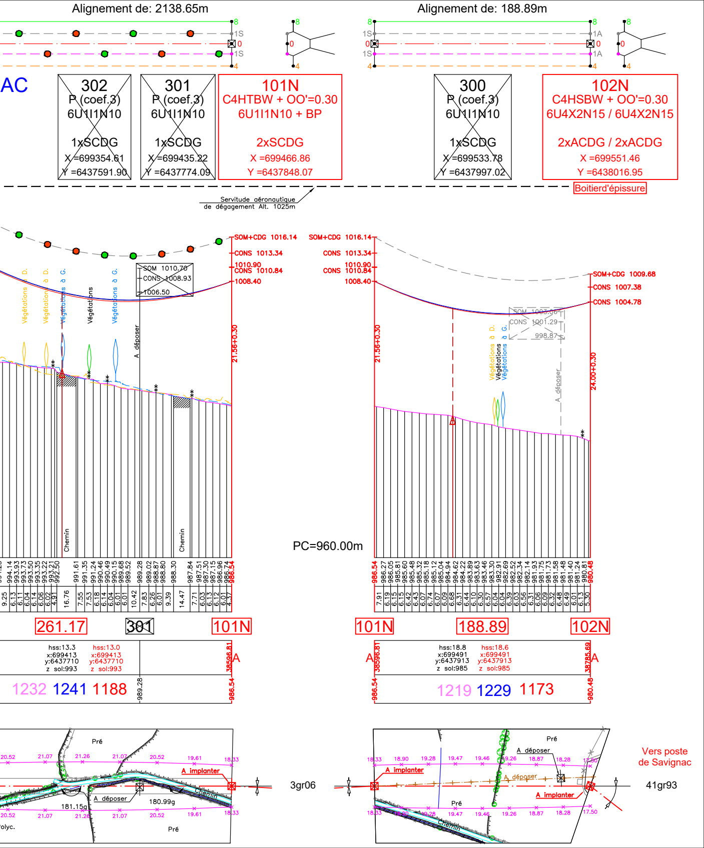

LES TERNES
PAULHAC
LES TERNES
TANAVELLE
92N
C4HTBX + OO'=0.30
6U6K2N10 + BT
2xSCDG
X =698004.38
Y =6434750.90
314
PR
6U6K2N10
1xSCDG
X =698011.70
Y =6434765.53
313
P (coef.5)
6U6K2N10
1xSCDG
X =698127.86
Y =6434985.78
93N
C4HSBX + OO'=0.30
6U4X2N15 / 6U4X2N15
2xACDG / 2xACDG
X =698213.51
Y =6435148.09
Anti-cascade
+ Boitier d'épissure
312
P (coef.3)
6U1I1N10
1xSCDG
X =698254.24
Y =6435225.85
SOM+CDG 1049.27
CONS 1046.47
CONS 1043.97
1043.81
1041.31
SOM 1040.66
CONS 1038.24
CONS 1035.74
1035.59
CONS 1033.24
1033.09
1030.65
SOM 1029.32
CONS 1027.57
1025.00
SOM+CDG 1040.77
CONS 1038.47
CONS 1035.87
SOM 1028.82
CONS 1027.08
1024.64
27.34+0.30
30.00+0.30
30.00+0.30
A déposer
A déposer
A déposer
Réseau Orange
Réseau Auvergne Haut Débit
R.D. n°44
R.D. n°16
Végétations à D.
Végétations à D.
Réseau Eau potable
Route Com.
PC=1000.00m
1013.67
1005.57
1005.57
92N
314
448.89
313
93N
93N
312
421.
35169.95
35618.84
35618.84
A
A
A
hss:10.5
x:698105
y:6434928
z sol:1009
hss:10.1
x:698105
y:6434928
z sol:1009
hss:17.8
x:698297
y:6435323
z sol:1013
1013.59
1007.8
1007.23
1323
1320
1292
1324
92N
Réseau Orange
Classe B
Polyc.
R.D. n°44
A implanter
57.49g
A déposer
143.55g
125.02g
A déposer
A implanter
0gr22
Réseau Auvergne
Haut Débit Classe B
Pré
Pré
Pré
Réseau Eau potable Mairie Classe C
Pré
Pré
A déposer
81.44g
118.62g
A implanter
Route Com.
Pré
20.77
18.42
21.94
24.46
25.97
26.47
21.51
23.72
25.04
25.47



Alignement de: 839.31m
Alignement de: 2138.65m
8
1S
0
1S
4
311
P (coef.3)
6U1I1N10
1xSCDG
X =698362.68
Y =6435431.83
94N
C4HTBY + OO'=0.30
6U1I1N10 + BP
2xSCDG
X =698408.60
Y =6435521.75
Pied 2:+1m
310
P (coef.3)
6U1I1N10
1xSCDG
X =698480.02
Y =6435654.77
309
P (coef.5)
6U1I1N10
1xACDG / 1xACDG
X =698593.13
Y =6435869.42
95N
C4HTBX + OO'=0.30
6U6K2N10 + BP
2xSCDG
X =698601.96
Y =6435892.11
SOM+CDG 1068.26
CONS 1065.46
1063.02
CONS 1062.96
1060.52
SOM+CDG 1077.48
CONS 1074.68
CONS 1072.18
1072.02
1069.52
SOM 1040.04
CONS 1038.30
1035.83
SOM 1055.91
CONS 1054.16
1051.70
SOM 1065.34
CONS 1063.50
1061.18
34.56+0.30
27.34+0.30
A déposer
Végétations à G.
Végétations à D.
Végétations
Réseau Eau potable
Chemin
Réseau Orange
R.D. n116
PC=1010.00m
52
311
94N
310
417.79
309
95N
hss:17.4
x:698297
y:6435323
z sol:1013
hss:9.9
x:698511
y:6435734
z sol:1039
hss:9.5
x:698511
y:6435734
z sol:1039
36040.36
36458.15
A
1018.64
1025.66
1034.46
1043.85
1041.88
1320
1294
1317
1314
1285
129
Réseau Eau potable fonte Ø100
Classe C
Réseau Orange Classe B
Pré
Polyc.
A déposer
A implanter
53.31g
103.37g
110.85g
89.57g
88.74g
4gr13
25.01
23.67
21.44
18.33
21.41
23.61
24.93
25.38
24.95
23.65
21.48
18.42
21.16
23.11
24.28


308
PF + 4.50 (Ccoef.5)
6U1I1N10
1xSCDG
X =698709.84
Y =6436133.50
96N
C4HTBW + OO'=0.30
6U6K2N10 + Cpds 320kg
2xSCDG
X =698760.44
Y =6436250.51
307
P (coef.3)
6U1I1N10
1xSCDG
X =698816.59
Y =6436374.94
Servitude aéronautique de dégagement Alt. 1085m
Servitude aéronautique de dégagement Alt. 1075m
305
P (coef.3)
6U1I1N10
1xSCDG
X =699004.52
Y =6436800.04
98N
C4HTBX + OO'=0.3
6U1I1N10 + BP
2xSCDG
X =699040.50
Y =6436883.88
97N
C4HTBX + OO'=0.30
6U1I1N10 + BP
2xSCDG
X =698900.42
Y =6436567.08
306
P (coef.3)
6U1I1N10
1xSCDG
X =698916.48
Y =6436600.66
1028.56 Pot. HTA 11.38m à G.
1027.80 HTA
1028.10 HTA 20.00m à D.
SOM 1045.98
CONS 1044.21
1041.74
SOM+CDG 1048.40
CONS 1045.60
CONS 1043.10
1042.94
1040.44
Végétations à D.
SOM 1040.47
CONS 1038.70
1036.28
SOM+CDG 1051.27
CONS 1048.47
1046.03
CONS 1045.97
1043.53
SOM 1036.96
CONS 1035.19
1032.77
SOM 1035.00
CONS 1033.23
1030.81
21.80
T°=12°C
21.34+0.30
27.56+0.30
A déposer
Chemin
Réseau Eau potable
391.88
308
96N
307
346.13
97N
306
346.39
305
hss:16.7
x:698704
y:6436143
z sol:1020
hss:16.3
x:698704
y:6436143
z sol:1020
36850.04
A
hss:10.7
x:698811
y:6436384
z sol:1019
hss:10.9
x:698820
y:6436404
z sol:1019
37196.17
A
hss:11.2
x:698958
y:6436715
z sol:1018
hss:10.5
x:698965
y:6436732
z sol:1018
1019.94
1018.80
1019.04
1015.67
1015.56
1013.46
9
1298
1266
1280
1285
1245
1271
1277
1238
Servitude aéronautique de dégagement Alt. 1085m
Servitude aéronautique de dégagement Alt. 1075m
Servitude aéronautique de dégagement Alt. 1065m
Auvergne Très Haut Débit
on Fort Trafic Classe A
Eau potable conduite abandonnée Classe C
HTA 3 Fils
Pré
Polyc.
85.54g
117.77g
131.66g
102.95g
A implanter
A déposer
Chemin
24.67
24.28
23.11
21.16
18.42
20.58
22.11
23.02
23.32
23.00
22.06
20.51
18.33
22.07
23.01
20.5


Servitude aéronautique de dégagement Alt. 1055m
Servitude aéronautique de dégagement Alt. 1045m
Servitude aéronautique de dégagement Alt. 1035m
Servitude aéronautique de dégagement Alt. 1025m
TANAVELLE
ROFFI
SOM+CDG 1045.62
CONS 1042.82
1040.3
CONS 1040.32
1037.88
304
P+4.50 (coef.3)
6U1I1N10
1xSCDG
X =699087.80
Y =6436988.25
99N
C4HTBX + OO'=0.30
6U1I1N10 + BP
2xSCDG
X =699190.92
Y =6437224.05
SOM+CDG 1031.67
CONS 1028.87
1026.4
CONS 1026.37
1023.93
303
PF (coef.5)
6U1I1N10
1xSCDG
X =699210.14
Y =6437265.00
100N
C4HTBW + OO'=0.30
6U1I1N10 + BP
2xSCDG
X =699361.24
Y =6437609.22
SOM+CDG 1024.67
CONS 1021.87
1019.43
CONS 1019.37
1016.93
SOM 1020.04
CONS 1018.27
1015.82
SOM 1017.96
CONS 1016.20
1013.74
SOM 1016.27
CONS 1014.50
1012.08
27.56+0.30
21.56+0.30
Végétations à G.
Végétations à D.
Végétations
A déposer
Chemin
Route Com.
Ruisseau de Dauzonne
PC=960.00m
98N
304
371.94
99N
303
421.14
302
100N
hss:24.5
x:699141
y:6437134
z sol:992
hss:24.3
x:699141
y:6437134
z sol:992
hss:14.4
x:699343
y:6437553
z sol:995
hss:14.7
x:699343
y:6437553
z sol:995
1010.02-37542.56
996.17-37914.51
995.07-38335.65
A
994.11
996.46
994.71
1266 1272 1237
1270 1276 1231
Pré
Polyc.
A implanter
A déposer
18.33
23.74
24.10
22.66
20.86
21.56
23.86
25.25
27.86
19.61
142.31g
53.78g
119.75g
39.57g
54.94g
119.61g


Alignement de: 2138.65m
Alignement de: 188.89m
8
1S
0
1S
4
1A
0
1A
AC
302
P (coef.3)
6U1I1N10
1xSCDG
X =699354.61
Y =6437591.90
301
P (coef.3)
6U1I1N10
1xSCDG
X =699435.22
Y =6437774.09
101N
C4HTBW + OO'=0.30
6U1I1N10 + BP
2xSCDG
X =699466.86
Y =6437848.07
300
P (coef.3)
6U1I1N10
1xSCDG
X =699533.78
Y =6437997.02
102N
C4HSBW + OO'=0.30
6U4X2N15 / 6U4X2N15
2xACDG / 2xACDG
X =699551.46
Y =6438016.95
Boitierd'épissure
Servitude aéronautique
de dégagement Alt. 1025m
SOM+CDG 1016.14
CONS 1013.34
1010.90
CONS 1010.84
1008.40
SOM 1010.70
CONS 1008.93
1006.50
SOM+CDG 1016.14
CONS 1013.34
1010.90
CONS 1010.84
1008.40
SOM+CDG 1009.68
CONS 1007.38
CONS 1004.78
SOM 1003.06
CONS 1001.29
998.87
Végétations à D.
Végétations à D.
Végétations à G.
Végétations
Végétations à G.
A déposer
Végétations à D.
Végétations
Végétations à G.
A déposer
21.56+0.30
21.56+0.30
24.00+0.30
Chemin
Chemin
PC=960.00m
994.14 993.93 993.73 993.50 993.35 993.22 993.21 992.50 991.61 991.35 991.24 990.46 990.49 990.15 989.68 989.52 989.28 989.02 988.87 988.80 988.30 987.84 987.51 987.30 987.15 986.96 986.74 986.54
9.25 6.13 6.11 6.04 6.14 6.06 6.02 4.91 16.76 7.55 7.53 6.18 6.14 6.04 6.01 6.01 10.42 7.83 6.26 6.01 9.39 14.47 7.71 6.03 6.13 6.12 6.01 4.37
986.54 986.27 986.05 985.81 985.60 985.48 985.32 985.18 985.12 985.04 984.94 984.62 984.22 983.89 983.63 983.46 983.30 982.91 982.69 982.52 982.34 982.14 981.93 981.75 981.73 981.58 981.48 981.40 981.24 980.81 980.48
7.91 6.19 6.15 6.15 6.42 6.43 6.07 6.74 6.07 6.09 6.68 6.31 6.44 6.10 6.30 6.57 6.04 6.04 6.39 6.03 6.56 6.31 6.06 6.09 6.32 6.48 6.49 6.01 6.13 5.30
261.17
301
101N
101N
188.89
102N
hss:13.3
x:699413
y:6437710
z sol:993
hss:13.0
x:699413
y:6437710
z sol:993
38596.81
A
A
38596.81
hss:18.8
x:699491
y:6437913
z sol:985
hss:18.6
x:699491
y:6437913
z sol:985
38785.69
A
1232 1241 1188
989.28
986.54
986.54
1219 1229 1173
980.48
Pré
20.52
21.07
21.26
21.07
20.52
19.61
18.33
A implanter
A déposer
Chemin
181.15g
180.99g
Polyc.
Pré
3gr06
18.33
18.90
19.28
19.47
19.46
19.26
18.87
18.28
17.50
Pré
A déposer
A implanter
A déposer
A implanter
Pré
Chemin
Vers poste
de Savignac
41gr93