Pièce n°:

Réseau de transport d'électricité

GESTIONNAIRE
DU RESEAU TRANSPORT ELECTRICITE

TRANSPORT ELECTRICITE NORMANDIE PARIS
Groupe Ingénierie Maintenance Réseau
29, Rue des Trois Fontanot
92024 NANTERRE CEDEX

Liaison aérienne à 2 circuits 63 kV

BRETEUIL - VALESCOURT - Z. HARGICOURT
BRETEUIL - VALESCOURT - Z. GANNES

PROFIL EN LONG

Du Poste de BRETEUIL au Support n° 30

DEPARTEMENT DE L'OISE

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

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

D	Format: 0.33 x 5.47 Surface : 1.80m²
Date: 13/02/2015	Vérifié le: 13/02/2015 Par: LGU

BOUYGUES ENERGIES & SERVICES

Etudes Liaisons Aériennes
19 avenue Stephenson
78063 Saint Quentin en yvelines
Tél.: 01 80 61 50 00 - Fax: 01 39 41 68 00

PLAN N° P-PN-BRET5Z31VALES-PL-BRET5-30-E

INDICE	DATE	MODIFICATION	DEMANDEE	EXECUTEE
0	08/03/95			
B	21/12/95			
C	10/04/2013	Plan redessiné en fonction des relevés topographiques comprenant : profil , planimétrie , flêches conducteurs. La désignation des types de pylônes , chaînes , massifs sont une transcription des anciens plans.	GIMR	YA
D	13/02/2015	MAJ Nature CDG Thym	GIMR	YA
E	04/03/2015	M à J intitulé ligne	GIMR	YA

VERIFIEE

S.D

LGU

LGU

CONDUCTEURS

TRONCON	TEMPERATURE	NATURE	PHASE	PARAMETRE
Portique au support n° 1A	+15°C	ASTER 366	11	Détendu
			3	Détendu
			7	Détendu
Du support n° 1A au support n° 2	+15°C	ASTER 366	11	1325
			3	1325
			7	1325
Portique au support n° 1B	+15°C	ASTER 366	11	Détendu
			3	Détendu
			7	Détendu
Du support n° 1B au support n° 2	+15°C	ASTER 366		1203
				1203
				1203
Terne HARGICOURT Du support n° 2 au support n° 18	+15°C	ASTER 366	11	1685
			3	1685
			7	1685
Du support n° 18 au support n° 21	+15°C	ASTER 366	11	1551
			3	1551
			7	1551
Du support n° 21 au support n° 30	+15°C	ASTER 366	11	1689
			3	1689
			7	1689
Terne GANNES Du support n° 2 au support n° 18	+15°C	ASTER 366	11	1711
			3	1711
			7	1711
Du support n° 18 au support n° 21	+15°C	ASTER 366	11	1587
			3	1587
			7	1587
Du support n° 21 au support n° 30	+15°C	ASTER 366	11	1712
			3	1712
			7	1712

CABLES DE GARDE

TRONCON	TEMPERATURE	NATURE	CDG	PARAMETRE
Portique au support n° 1A	+15°C	THYM 94	G1	548
			G2	547
Du support n° 1A au support n° 2	+15°C	THYM 94	G1	1486
			G2	
Portique au support n° 1B	+15°C	PHLOX 116.2	G1	762
			G2	762
Du support n° 1B au support n° 2	+15°C	PHLOX 116.2	G1	1398
			G2	
Du support n° 2 au support n° 18	+15°C	THYM 94	G1	2015
			G2	
Du support n° 18 au support n° 20	+15°C	THYM 94	G1	1870
			G2	
Du support n° 20 au support n° 21	+15°C	THYM 94	G1	1870
			G2	
Du support n° 21 au support n° 22	+15°C	THYM 94	G1	1870
			G2	
Du support n° 22 au support n° 23	+15°C	THYM 94	G1	1870
			G2	
Du support n° 23 au support n° 30	+15°C	THYM 94	G1	1870
			G2	

Alignement
11
3
7

Commune

Numéro des Supports

Type des Supports

Type de Chaînes

Type de Massifs 4U4H2N10+

Type de CDG

Coordonnées Supports (RGF 93)

Echelle Y = 1/ 500
Echelle X = 1/2500

Plan de comparaison

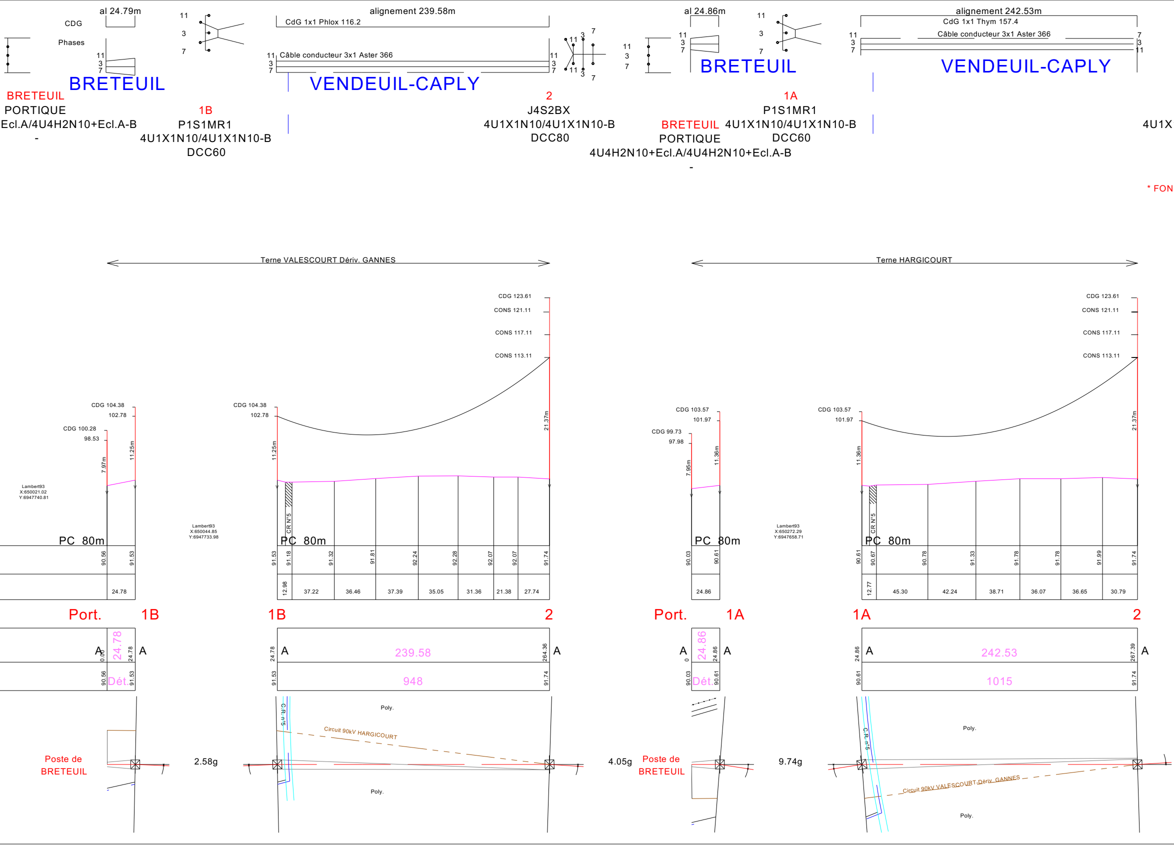
Altitudes du terrain

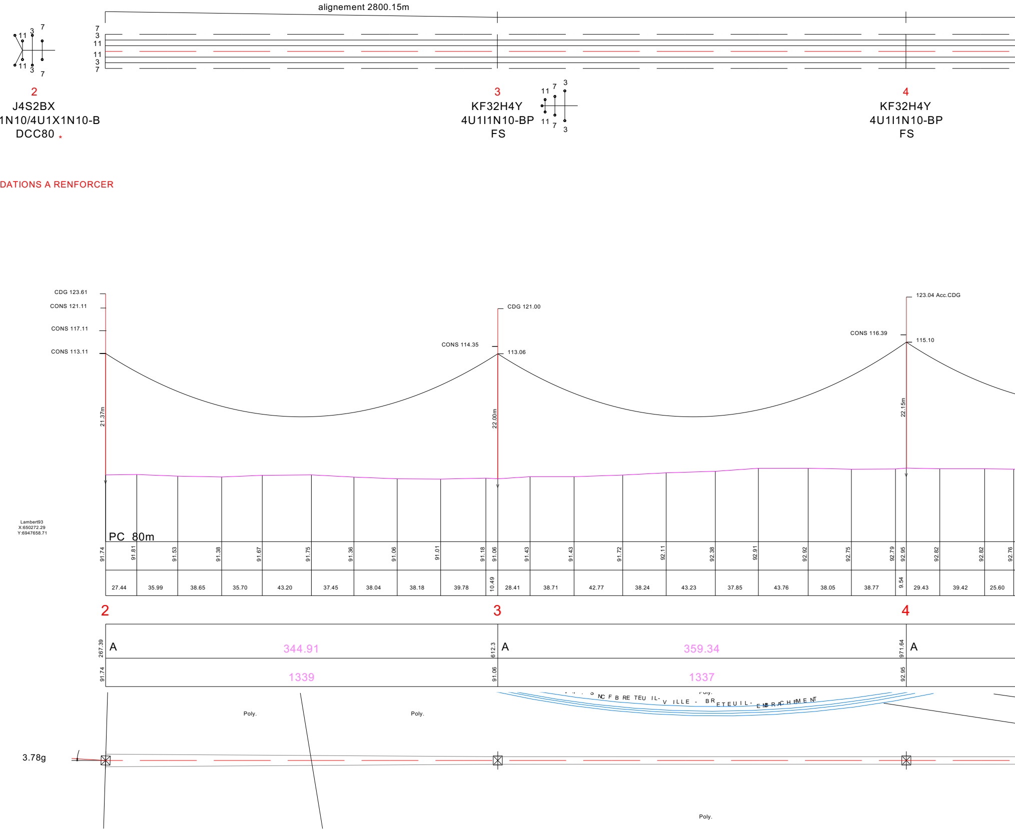
Distances partielles

Numéros des pylônes
Distances entre pylônes

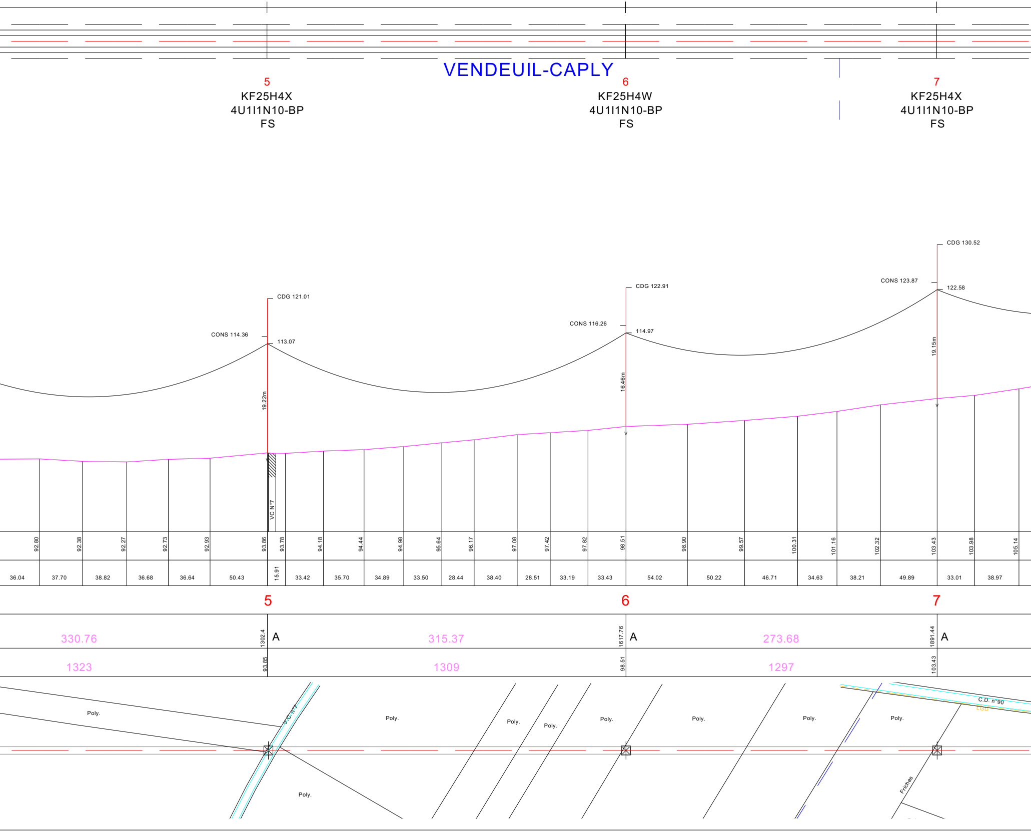
Distances cumulées des pylônes
Classes de précision

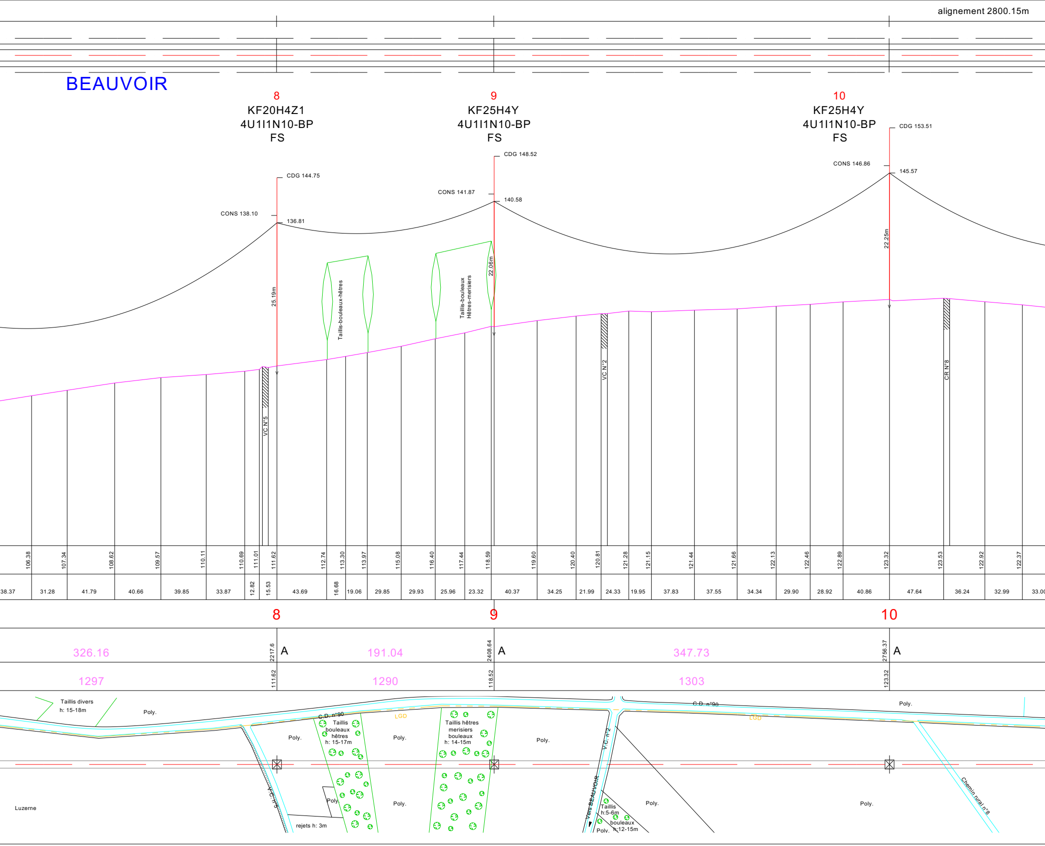
Altitudes des pylônes - Paramètres à 65°C

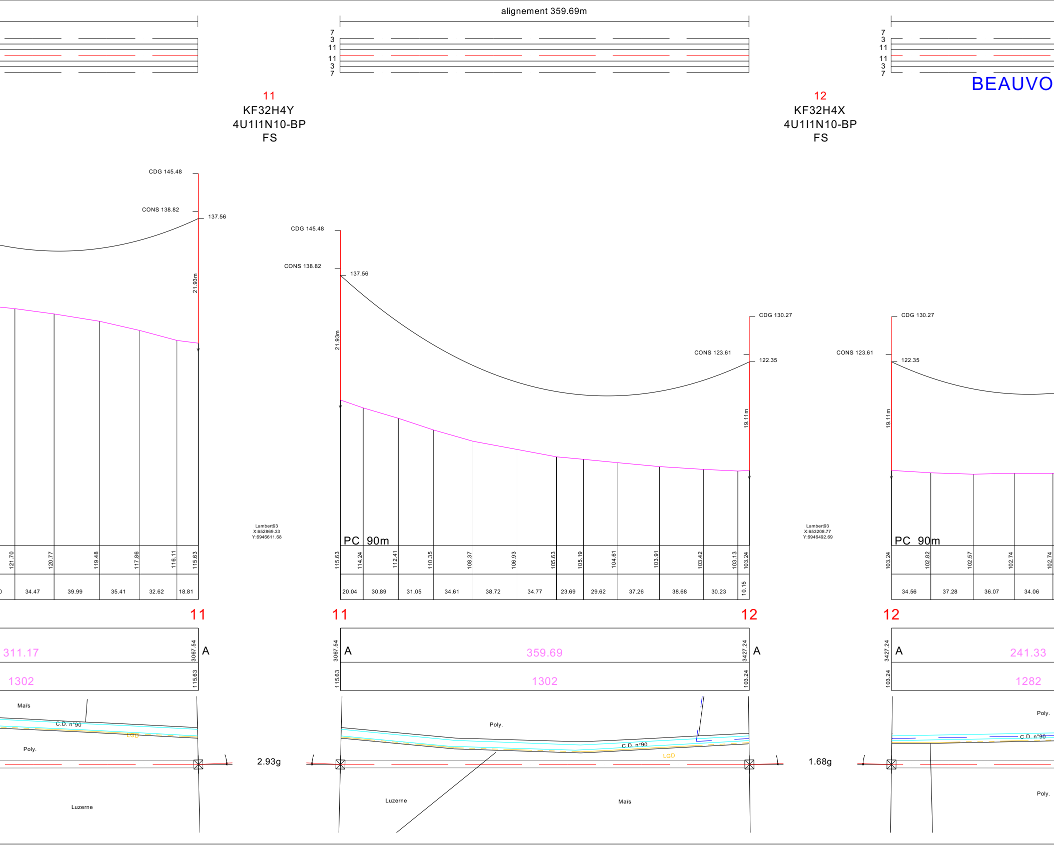

al 24.79m
CDG
Phases
11
3
7
alignement 239.58m
CdG 1x1 Phlox 116.2
Câble conducteur 3x1 Aster 366
BRETEUIL
VENDEUIL-CAPLY
BRETEUIL
PORTIQUE
Ecl.A/4U4H2N10+Ecl.A-B
-
1B
P1S1MR1
4U1X1N10/4U1X1N10-B
DCC60
2
J4S2BX
4U1X1N10/4U1X1N10-B
DCC80
al 24.86m
alignement 242.53m
CdG 1x1 Thym 157.4
Câble conducteur 3x1 Aster 366
BRETEUIL
VENDEUIL-CAPLY
1A
P1S1MR1
BRETEUIL
4U1X1N10/4U1X1N10-B
PORTIQUE
DCC60
4U4H2N10+Ecl.A/4U4H2N10+Ecl.A-B
-
4U1X
* FON
Terne VALESCOURT Dériv. GANNES
Terne HARGICOURT
CDG 123.61
CONS 121.11
CONS 117.11
CONS 113.11
CDG 104.38
102.78
CDG 100.28
98.53
7.97m
11.25m
11.25m
21.37m
CDG 103.57
101.97
CDG 99.73
97.98
7.95m
11.36m
11.36m
21.37m
Lambert93
X:650021.02
Y:6947740.81
Lambert93
X:650044.85
Y:6947733.98
Lambert93
X:650272.29
Y:6947658.71
CR N°5
PC 80m
90.56
91.53
24.78
91.53
91.18
91.32
91.81
92.24
92.28
92.07
92.07
91.74
12.98
37.22
36.46
37.39
35.05
31.36
21.38
27.74
90.03
90.61
24.86
90.61
90.67
90.78
91.33
91.78
91.78
91.99
91.74
12.77
45.30
42.24
38.71
36.07
36.65
30.79
Port.
1B
1B
2
Port.
1A
1A
2
A
0.00
24.78
24.78
24.78
239.58
264.36
90.56
Dét.
91.53
91.53
948
91.74
0
24.86
24.86
24.86
242.53
267.39
90.03
Dét.
90.61
90.61
1015
91.74
Poly.
C.R. n°5
Circuit 90kV HARGICOURT
Circuit 90kV VALESCOURT-Dériv. GANNES
Poste de
BRETEUIL
2.58g
4.05g
9.74g

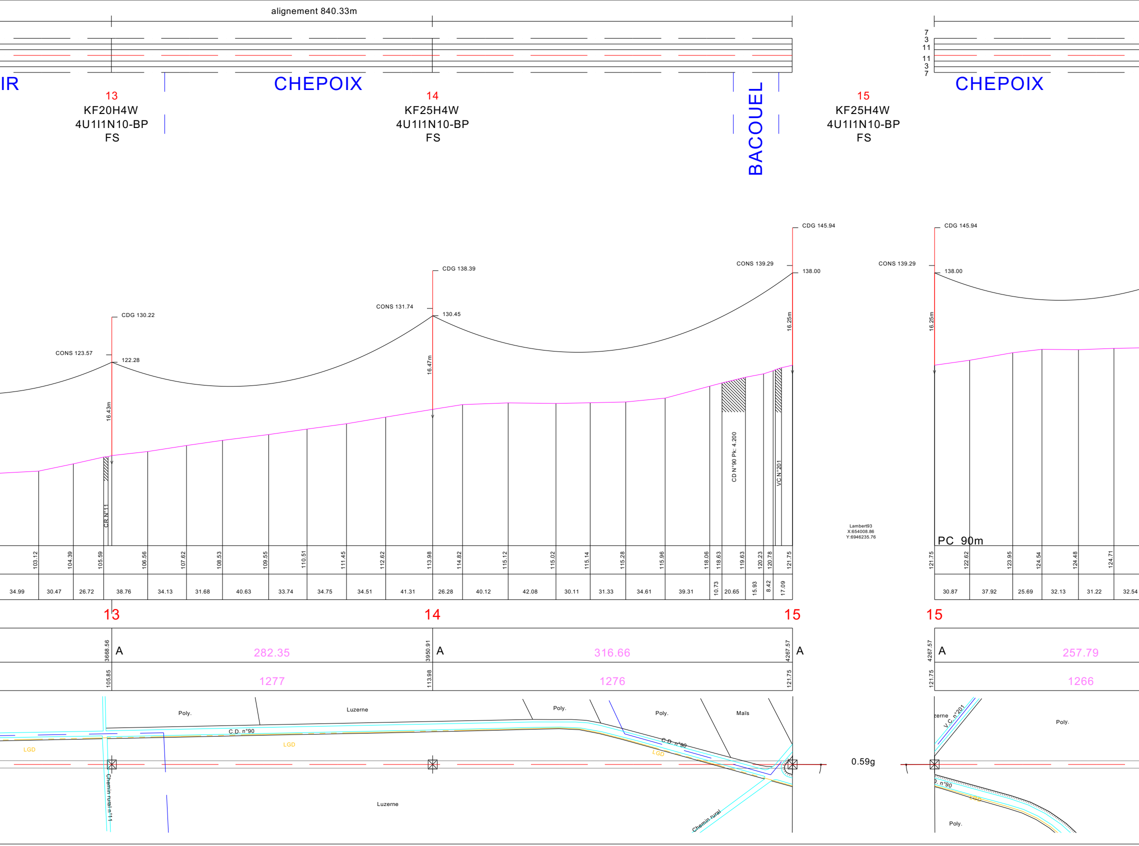


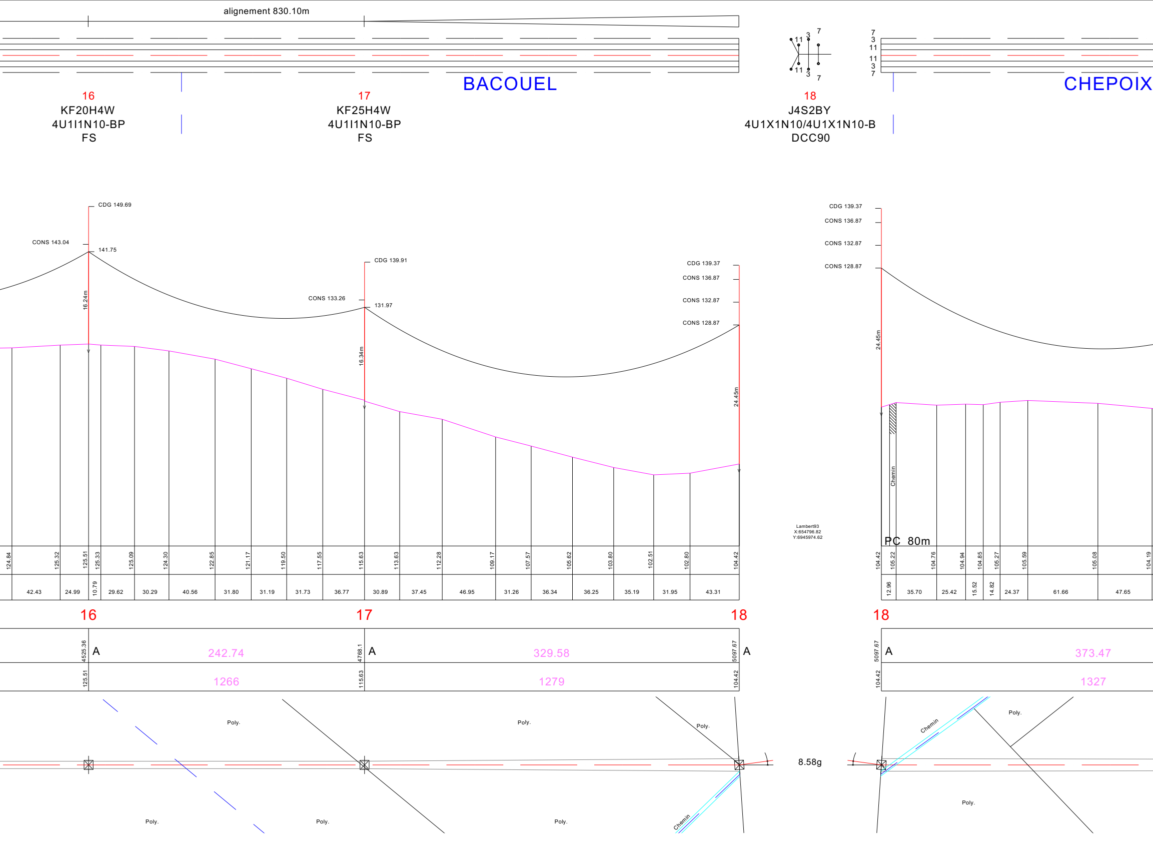
alignement 2800.15m
7
3
11
11
3
7
2
J4S2BX
1N10/4U1X1N10-B
DCC80
3
KF32H4Y
4U1I1N10-BP
FS
4
KF32H4Y
4U1I1N10-BP
FS
DATIONS A RENFORCER
CDG 123.61
CONS 121.11
CONS 117.11
CONS 113.11
CDG 121.00
CONS 114.35
113.06
123.04 Acc.CDG
CONS 116.39
115.10
21.37m
22.00m
22.15m
Lambert93
X:650272.29
Y:6947658.71
PC 80m
91.74
91.81
91.53
91.38
91.67
91.75
91.36
91.06
91.01
91.18
91.06
91.43
91.43
91.72
92.11
92.38
92.91
92.92
92.75
92.79
92.95
92.82
92.82
92.76
27.44
35.99
38.65
35.70
43.20
37.45
38.04
38.18
39.78
10.49
28.41
38.71
42.77
38.24
43.23
37.85
43.76
38.05
38.77
9.54
29.43
39.42
25.60
2
3
4
267.39
A
344.91
612.3
A
359.34
971.64
A
91.74
1339
91.06
1337
92.95
Poly.
Poly.
SNCF BRETEUIL-VILLE - BRETEUIL-EMBRANCHEMENT
Poly.
3.78g
Poly.

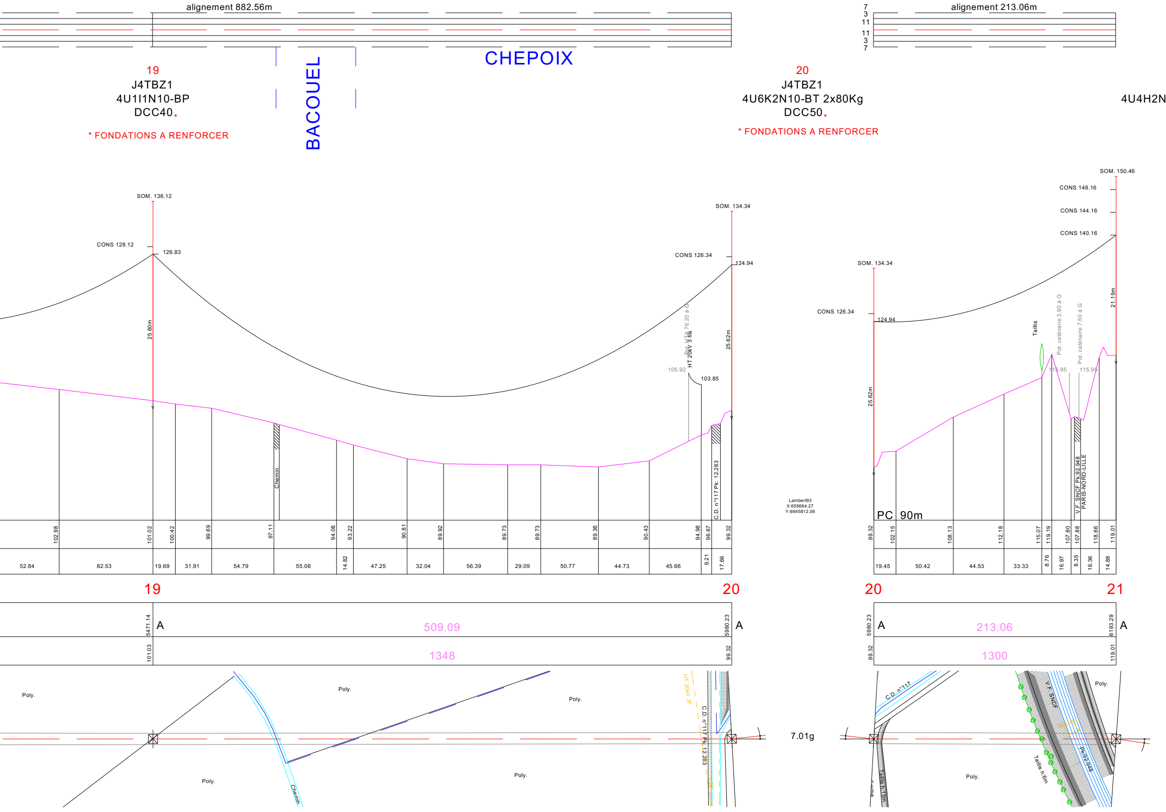

VENDEUIL-CAPLY
5
KF25H4X
4U1I1N10-BP
FS
6
KF25H4W
4U1I1N10-BP
FS
7
KF25H4X
4U1I1N10-BP
FS
CDG 121.01
CONS 114.36
113.07
19.22m
CDG 122.91
CONS 116.26
114.97
16.46m
CDG 130.52
CONS 123.87
122.58
19.15m
VC N°7
92.80
92.38
92.27
92.73
92.93
93.86
93.78
94.18
94.44
94.98
95.64
96.17
97.08
97.42
97.82
98.51
98.90
99.57
100.31
101.16
102.32
103.43
103.98
105.14
36.04
37.70
38.82
36.68
36.64
50.43
15.91
33.42
35.70
34.89
33.50
28.44
38.40
28.51
33.19
33.43
54.02
50.22
46.71
34.63
38.21
49.89
33.01
38.97
5
6
7
330.76
1302.4
A
315.37
1617.76
A
273.68
1891.44
A
1323
93.85
1309
98.51
1297
103.43
Poly.
V.C. n°7
Poly.
Poly.
Poly.
Poly.
Poly.
Poly.
Poly.
Poly.
Poly.
C.D. n°90
LGD
Friches

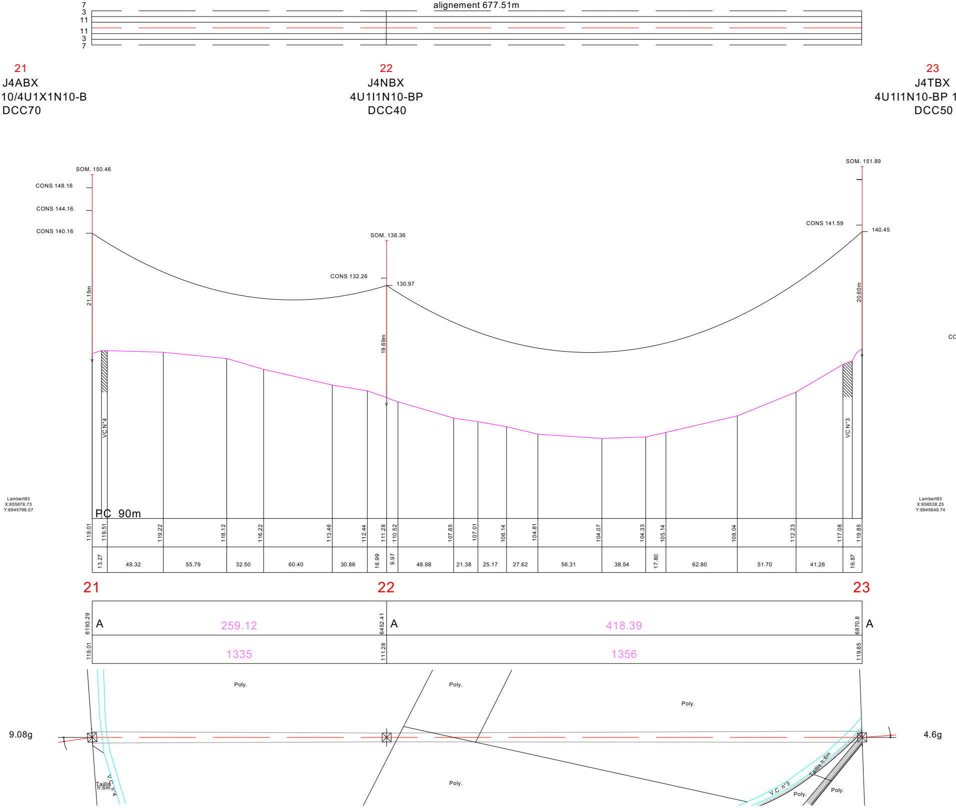

alignement 2800.15m
BEAUVOIR
8
KF20H4Z1
4U1I1N10-BP
FS
CDG 144.75
CONS 138.10
136.81
25.19m
VC N°5
9
KF25H4Y
4U1I1N10-BP
FS
CDG 148.52
CONS 141.87
140.58
22.06m
Taillis-bouleaux-hêtres
Taillis-bouleaux
Hêtres-merisiers
VC N°2
10
KF25H4Y
4U1I1N10-BP
FS
CDG 153.51
CONS 146.86
145.57
22.25m
CR N°8
106.38
107.34
108.62
109.57
110.11
110.69
111.01
111.62
112.74
113.30
113.97
115.08
116.40
117.44
118.59
119.60
120.40
120.81
121.28
121.15
121.44
121.66
122.13
122.46
122.89
123.32
123.53
122.92
122.37
38.37
31.28
41.79
40.66
39.85
33.87
12.82
15.53
43.69
16.68
19.06
29.85
29.93
25.96
23.32
40.37
34.25
21.99
24.33
19.95
37.83
37.55
34.34
29.90
28.92
40.86
47.64
36.24
32.99
33.00
8
9
10
326.16
2217.6
A
191.04
2408.64
A
347.73
2756.37
A
1297
111.62
1290
118.52
1303
123.32
Taillis divers
h: 15-18m
Poly.
Luzerne
V.C. n°5
rejets h: 3m
C.D. n°90
Poly.
Taillis
bouleaux
hêtres
h: 15-17m
Poly.
LGD
Poly.
Poly.
Taillis hêtres
merisiers
bouleaux
h: 14-15m
Poly.
Poly.
V.C. n°2
Vers BEAUVOIR
Taillis
h:5-6m
bouleaux
h:12-15m
Poly.
Poly.
C.D. n°90
LGD
Poly.
Poly.
Chemin rural n°8

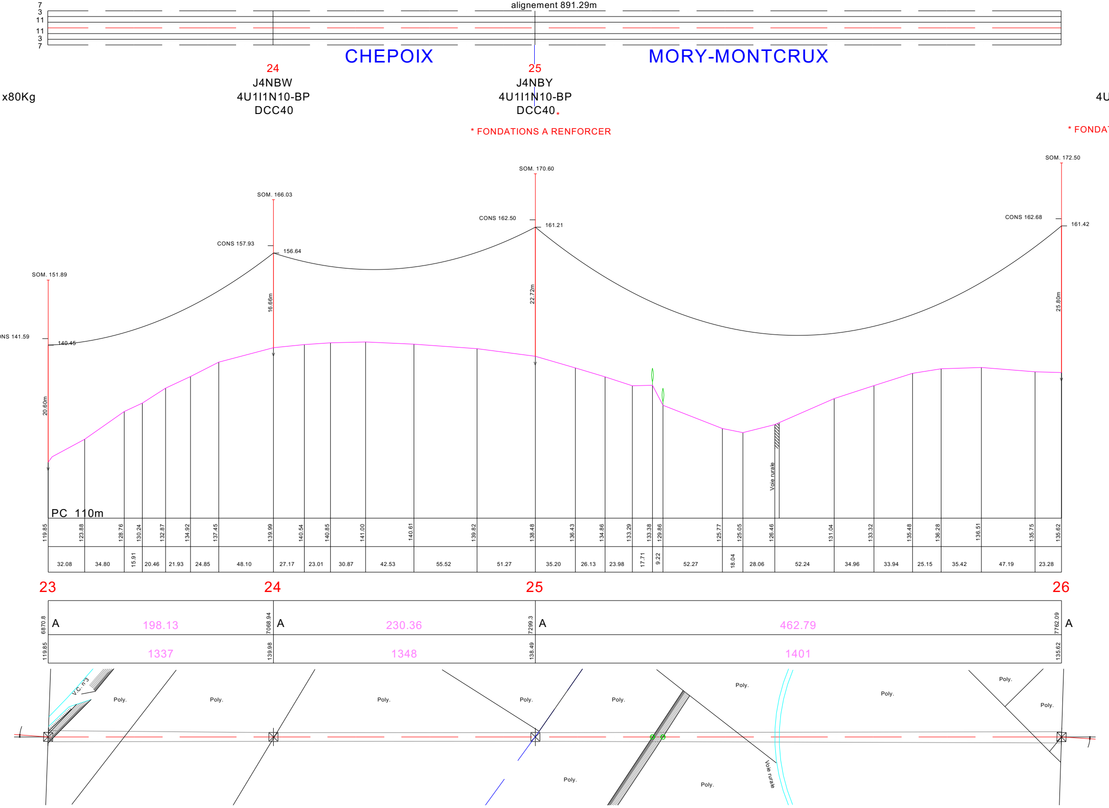

alignement 359.69m
7
3
11
11
3
7
7
3
11
11
3
7
BEAUVO
11
KF32H4Y
4U1I1N10-BP
FS
12
KF32H4X
4U1I1N10-BP
FS
CDG 145.48
CONS 138.82
137.56
21.93m
CDG 145.48
CONS 138.82
137.56
21.93m
CDG 130.27
CONS 123.61
122.35
19.11m
CDG 130.27
CONS 123.61
122.35
19.11m
Lambert93
X:652869.33
Y:6946611.68
Lambert93
X:653208.77
Y:6946492.69
PC 90m
PC 90m
121.70
120.77
119.48
117.86
116.11
115.63
115.63
114.24
112.41
110.35
108.37
106.93
105.63
105.19
104.61
103.91
103.42
103.13
103.24
103.24
102.82
102.57
102.74
102.74
34.47
39.99
35.41
32.62
18.81
20.04
30.89
31.05
34.61
38.72
34.77
23.69
29.62
37.26
38.68
30.23
10.15
34.56
37.28
36.07
34.06
11
11
12
12
311.17
3067.54
A
A
3067.54
359.69
3427.24
A
3427.24
A
241.33
1302
115.63
115.63
1302
103.24
103.24
1282
Maïs
C.D. n°90
LGD
Poly.
Luzerne
2.93g
Poly.
C.D. n°90
LGD
Luzerne
Maïs
1.68g
Poly.
C.D. n°90
Poly.

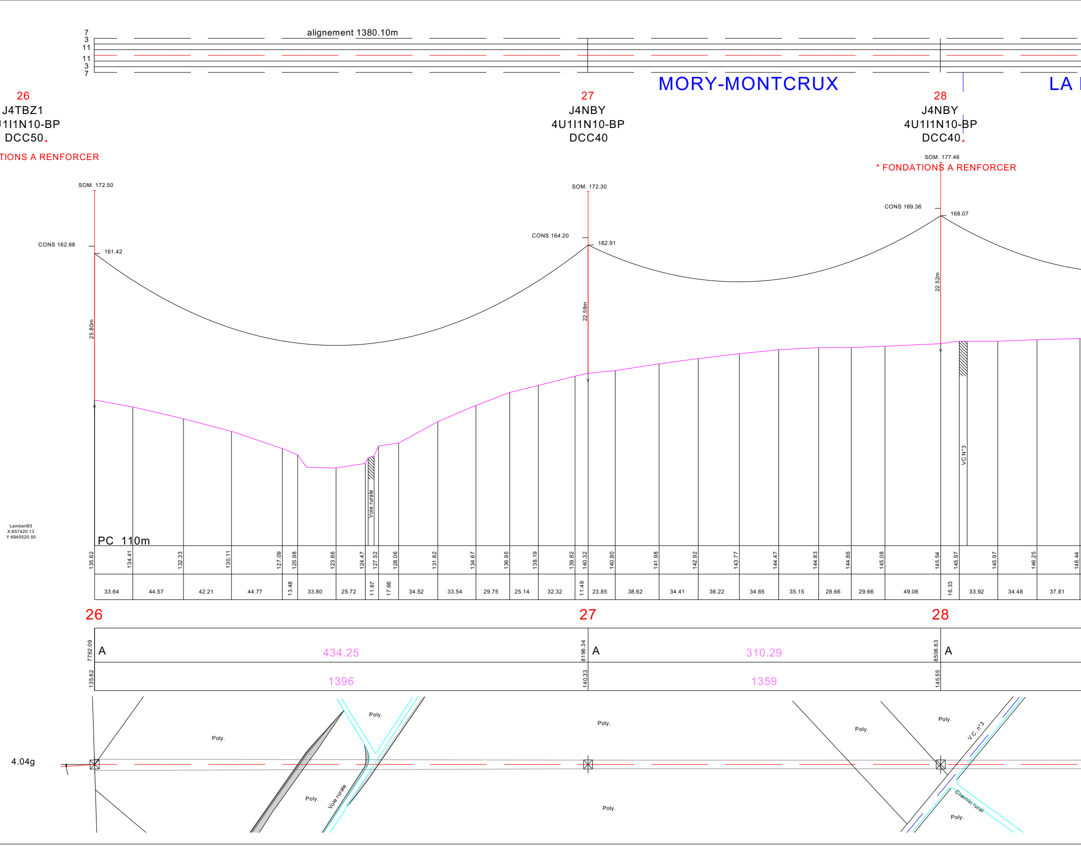

alignement 840.33m
7
3
11
11
3
7
IR
CHEPOIX
BACOUEL
CHEPOIX
13
KF20H4W
4U1I1N10-BP
FS
14
KF25H4W
4U1I1N10-BP
FS
15
KF25H4W
4U1I1N10-BP
FS
CDG 130.22
CONS 123.57
122.28
16.43m
CDG 138.39
CONS 131.74
130.45
16.47m
CDG 145.94
CONS 139.29
138.00
16.25m
CDG 145.94
CONS 139.29
138.00
16.25m
CR N°11
CD N°90 Pk: 4.200
VC N°201
Lambert93
X:654008.86
Y:6946235.76
PC 90m
103.12
104.39
105.59
106.56
107.62
108.53
109.55
110.51
111.45
112.62
113.98
114.82
115.12
115.02
115.14
115.28
115.96
118.06
118.63
119.63
120.23
120.78
121.75
121.75
122.62
123.95
124.54
124.48
124.71
34.99
30.47
26.72
38.76
34.13
31.68
40.63
33.74
34.75
34.51
41.31
26.28
40.12
42.08
30.11
31.33
34.61
39.31
10.73
20.65
15.93
8.42
17.09
30.87
37.92
25.69
32.13
31.22
32.54
13
14
15
15
3668.56
A
282.35
3950.91
A
316.66
4267.57
A
4267.57
A
257.79
105.85
1277
113.98
1276
121.75
121.75
1266
Poly.
Luzerne
Poly.
Poly.
Maïs
C.D. n°90
LGD
LGD
C.D. n°90
LGD
Chemin rural n°11
Luzerne
Chemin rural
0.59g
zerne
V.C. n°201
Poly.
. n°90
LGD
Poly.

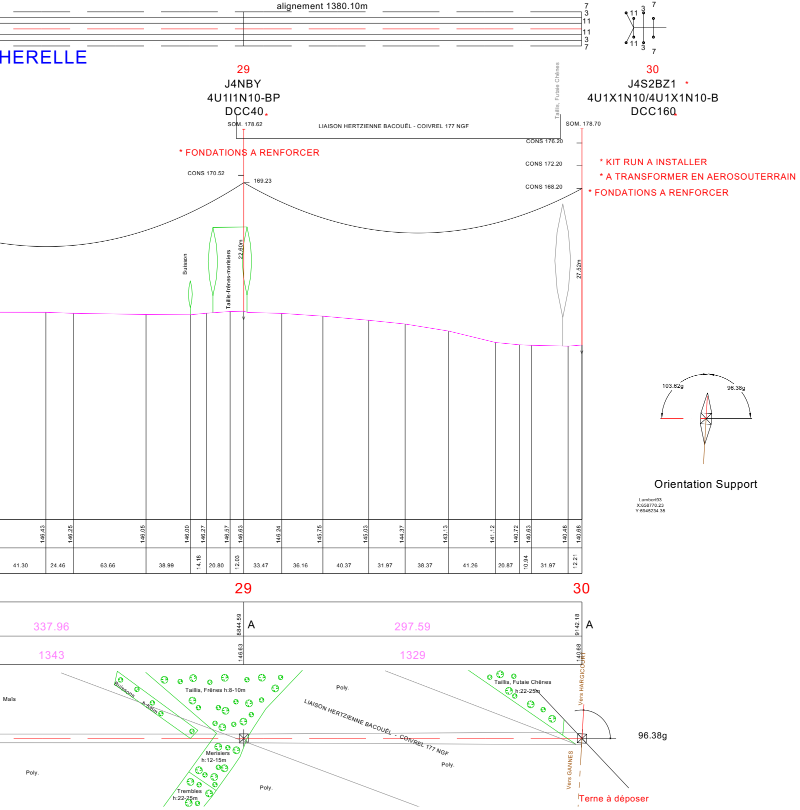

alignement 830.10m
BACOUEL
CHEPOIX
11
3
7
11
3
7
7
3
11
11
3
7
16
KF20H4W
4U1I1N10-BP
FS
17
KF25H4W
4U1I1N10-BP
FS
18
J4S2BY
4U1X1N10/4U1X1N10-B
DCC90
CDG 149.69
CONS 143.04
141.75
16.24m
CDG 139.91
CONS 133.26
131.97
16.34m
CDG 139.37
CONS 136.87
CONS 132.87
CONS 128.87
24.45m
CDG 139.37
CONS 136.87
CONS 132.87
CONS 128.87
24.45m
Chemin
PC 80m
Lambert93
X:654796.82
Y:6945974.62
124.84
125.32
125.51
125.33
125.09
124.30
122.85
121.17
119.50
117.55
115.63
113.63
112.28
109.17
107.57
105.62
103.80
102.51
102.80
104.42
104.42
105.22
104.76
104.94
104.85
105.27
105.59
105.08
104.19
42.43
24.99
10.79
29.62
30.29
40.56
31.80
31.19
31.73
36.77
30.89
37.45
46.95
31.26
36.34
36.25
35.19
31.95
43.31
12.96
35.70
25.42
15.52
14.82
24.37
61.66
47.65
16
17
18
18
4525.36
A
242.74
4768.1
A
329.58
5097.67
A
5097.67
A
373.47
125.51
1266
115.63
1279
104.42
104.42
1327
Poly.
Poly.
Poly.
Poly.
Poly.
Poly.
Poly.
Chemin
8.58g
Chemin
Poly.
Poly.

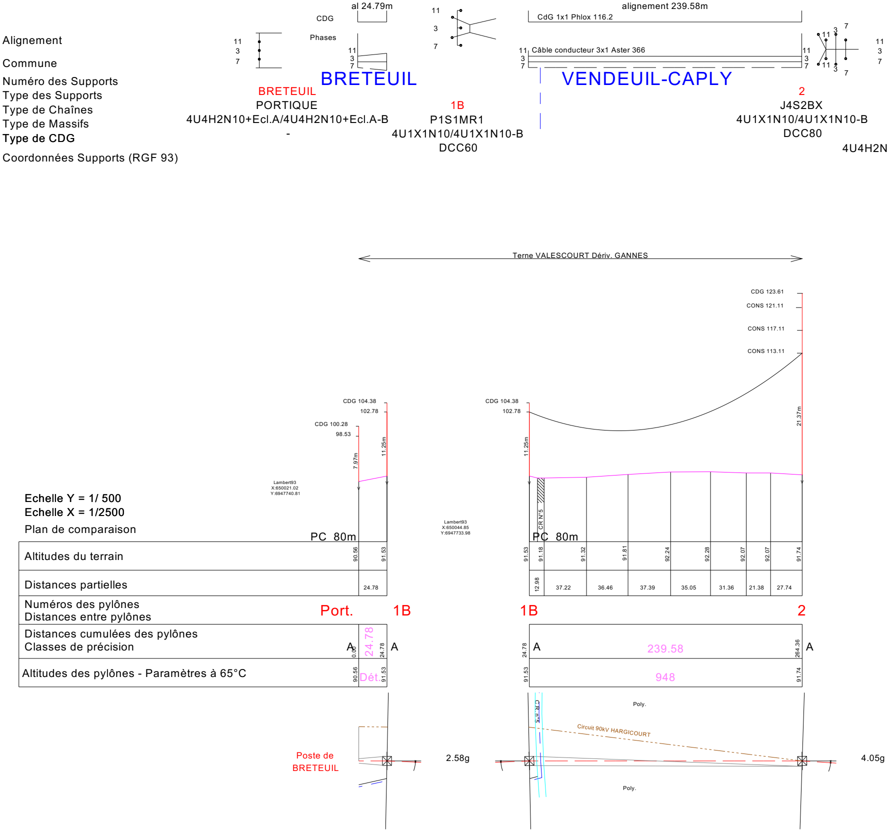

alignement 882.56m
alignement 213.06m
7
3
11
11
3
7
BACOUEL
CHEPOIX
19
J4TBZ1
4U1I1N10-BP
DCC40*
* FONDATIONS A RENFORCER
20
J4TBZ1
4U6K2N10-BT 2x80Kg
DCC50*
* FONDATIONS A RENFORCER
4U4H2N
SOM. 136.12
CONS 128.12
126.83
25.80m
SOM. 134.34
CONS 126.34
124.94
25.62m
Pot. HTA 76.20 à G
HT 20kV 3 fils
105.92
103.85
Chemin
C.D. n°117 Pk: 12.283
SOM. 134.34
CONS 126.34
124.94
25.62m
SOM. 150.46
CONS 148.16
CONS 144.16
CONS 140.16
21.15m
Taillis
Pot. caténaire 3.90 à G
Pot. caténaire 7.50 à G
115.95
115.95
V.F. SNCF Pk:92.948
PARIS-NORD-LILLE
PC 90m
Lambert93
X:655664.27
Y:6945812.06
102.98
101.02
100.42
99.69
97.11
94.08
93.22
90.81
89.92
89.73
89.73
89.36
90.43
94.98
96.67
99.32
99.32
102.15
108.13
112.18
115.07
119.19
107.80
107.88
118.66
119.01
52.84
82.53
19.69
31.91
54.79
55.08
14.82
47.25
32.04
56.39
29.09
50.77
44.73
45.66
9.21
17.66
19.45
50.42
44.53
33.33
8.76
16.97
8.35
16.36
14.88
19
20
20
21
5471.14
A
509.09
5980.23
A
101.03
1348
99.32
5980.23
A
213.06
6193.29
A
99.32
1300
119.01
Poly.
Poly.
Poly.
Poly.
Poly.
Chemin
HT 20kV 3F
C.D. n°117 Pk: 12.283
7.01g
C.D. n°117
Friche
Taillis h:15m
Poly.
V.F. SNCF
Taillis h:6m
Pk:92.948
Poly.

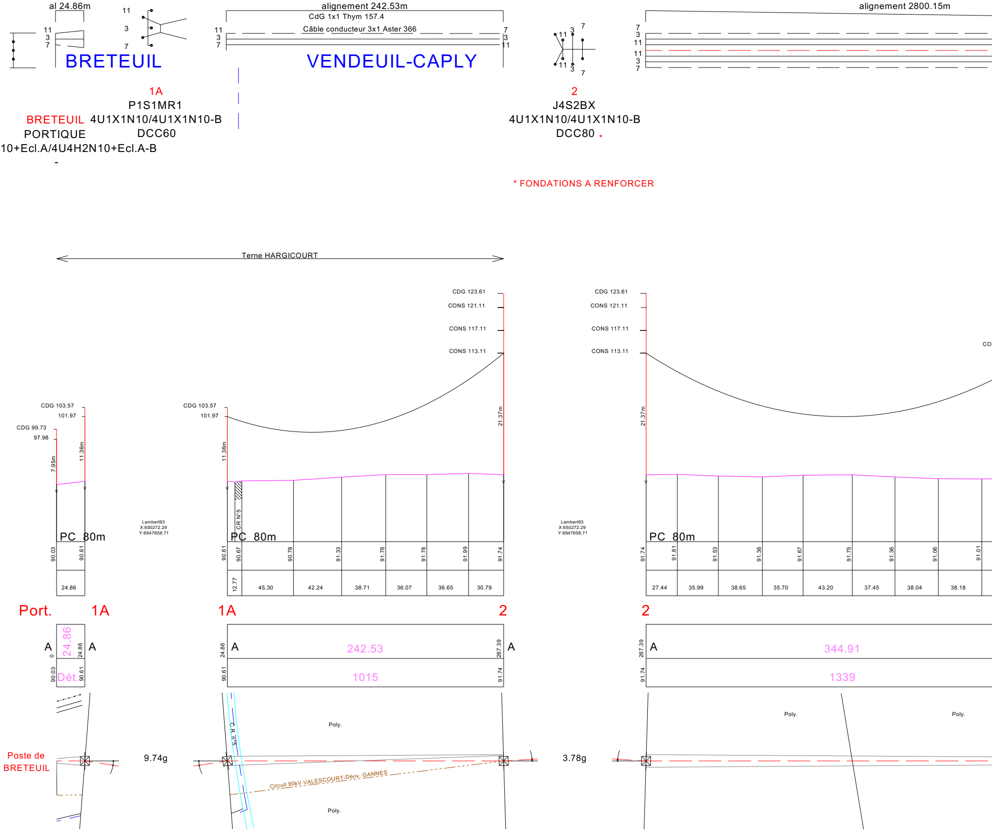

alignement 677.51m
7
3
11
11
3
7
21
J4ABX
10/4U1X1N10-B
DCC70
22
J4NBX
4U1I1N10-BP
DCC40
23
J4TBX
4U1I1N10-BP 1
DCC50
SOM. 150.46
CONS 148.16
CONS 144.16
CONS 140.16
21.15m
SOM. 138.36
CONS 132.26
130.97
19.69m
SOM. 151.89
CONS 141.59
140.45
20.60m
CC
VC N°4
VC N°3
Lambert93
X:655876.73
Y:6945796.07
Lambert93
X:656538.25
Y:6945649.74
PC 90m
119.01
119.51
119.22
118.12
116.22
113.46
112.44
111.28
110.52
107.65
107.01
106.14
104.81
104.07
104.33
105.14
108.04
112.23
117.08
119.85
13.27
49.32
55.79
32.50
60.40
30.86
16.99
9.97
48.98
21.38
25.17
27.62
56.31
38.54
17.80
62.80
51.70
41.26
16.87
21
22
23
6193.29
A
259.12
6452.41
A
418.39
6870.8
A
119.01
1335
111.28
1356
119.85
Poly.
Poly.
Poly.
Poly.
Poly.
Poly.
9.08g
4.6g
Taillis h:6m
V.C. n°4
V.C. n°3
Taillis h:6m


alignement 891.29m
7
3
11
11
3
7
CHEPOIX
MORY-MONTCRUX
24
J4NBW
4U1I1N10-BP
DCC40
25
J4NBY
4U1I1N10-BP
DCC40*
x80Kg
4U
* FONDATIONS A RENFORCER
* FONDAT
SOM. 151.89
ONS 141.59
140.45
20.60m
SOM. 166.03
CONS 157.93
156.64
16.66m
SOM. 170.60
CONS 162.50
161.21
22.72m
SOM. 172.50
CONS 162.68
161.42
25.80m
Voie rurale
PC 110m
119.85
123.88
128.76
130.24
132.87
134.92
137.45
139.99
140.54
140.85
141.00
140.61
139.82
138.48
136.43
134.86
133.29
133.38
129.86
125.77
125.05
126.46
131.04
133.32
135.48
136.28
136.51
135.75
135.62
32.08
34.80
15.91
20.46
21.93
24.85
48.10
27.17
23.01
30.87
42.53
55.52
51.27
35.20
26.13
23.98
17.71
9.22
52.27
18.04
28.06
52.24
34.96
33.94
25.15
35.42
47.19
23.28
23
24
25
26
6870.8
A
198.13
7068.94
A
230.36
7299.3
A
462.79
7762.09
A
119.85
1337
139.98
1348
138.49
1401
135.62
V.C. n°3
Poly.
Poly.
Poly.
Poly.
Poly.
Poly.
Poly.
Poly.
Poly.
Poly.
Poly.
Voie rurale

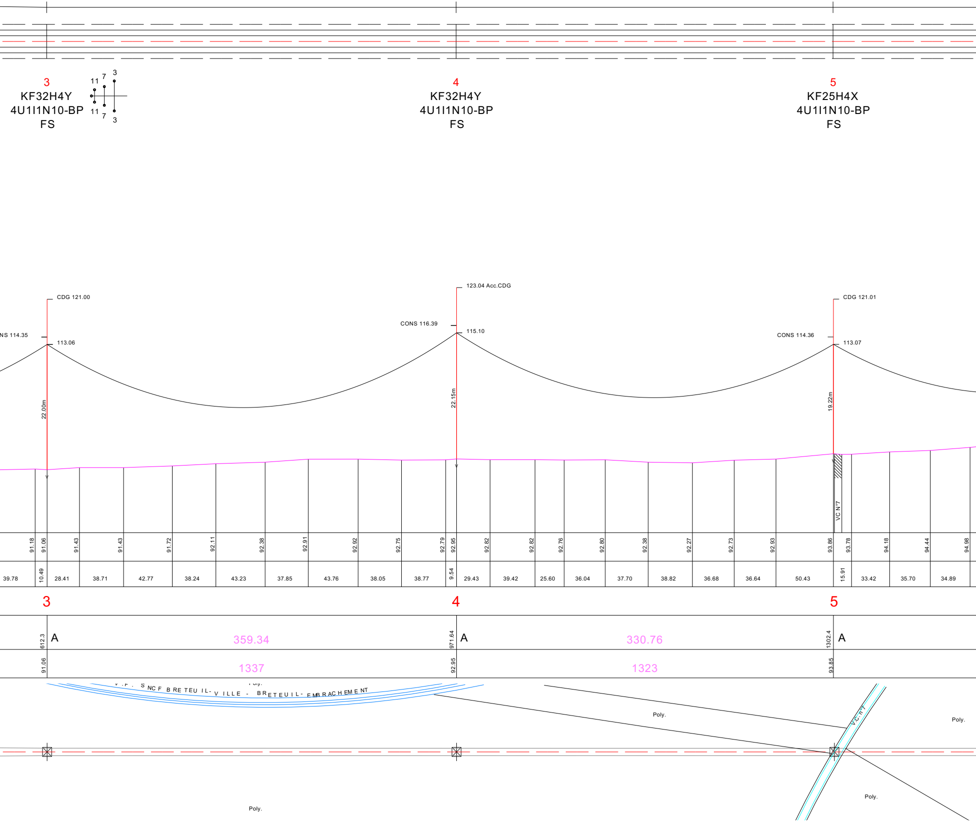

7
3
11
11
3
7
alignement 1380.10m
MORY-MONTCRUX
LA
26
J4TBZ1
1I1N10-BP
DCC50*
TIONS A RENFORCER
27
J4NBY
4U1I1N10-BP
DCC40
28
J4NBY
4U1I1N10-BP
DCC40*
SOM. 177.46
* FONDATIONS A RENFORCER
SOM. 172.50
SOM. 172.30
CONS 162.68
161.42
CONS 164.20
162.91
CONS 169.36
168.07
25.80m
22.58m
22.52m
Voie rurale
VC N°3
Lambert93
X:657420.13
Y:6945520.55
PC 110m
135.62
134.41
132.33
130.11
127.09
125.98
123.66
124.47
127.52
128.06
131.82
134.67
136.95
138.19
139.82
140.32
140.80
141.98
142.92
143.77
144.47
144.83
144.86
145.08
145.54
145.97
145.97
146.25
146.44
33.64
44.57
42.21
44.77
13.48
33.80
25.72
11.67
17.66
34.52
33.54
29.75
25.14
32.32
11.49
23.85
38.62
34.41
36.22
34.65
35.15
28.66
29.66
49.06
16.33
33.92
34.48
37.81
26
27
28
7762.09
A
434.25
8196.34
A
310.29
8506.63
A
135.62
1396
140.33
1359
145.55
4.04g
Poly.
Poly.
Voie rurale
Poly.
Poly.
Poly.
Poly.
Poly.
V.C. n°3
Chemin rural
Poly.

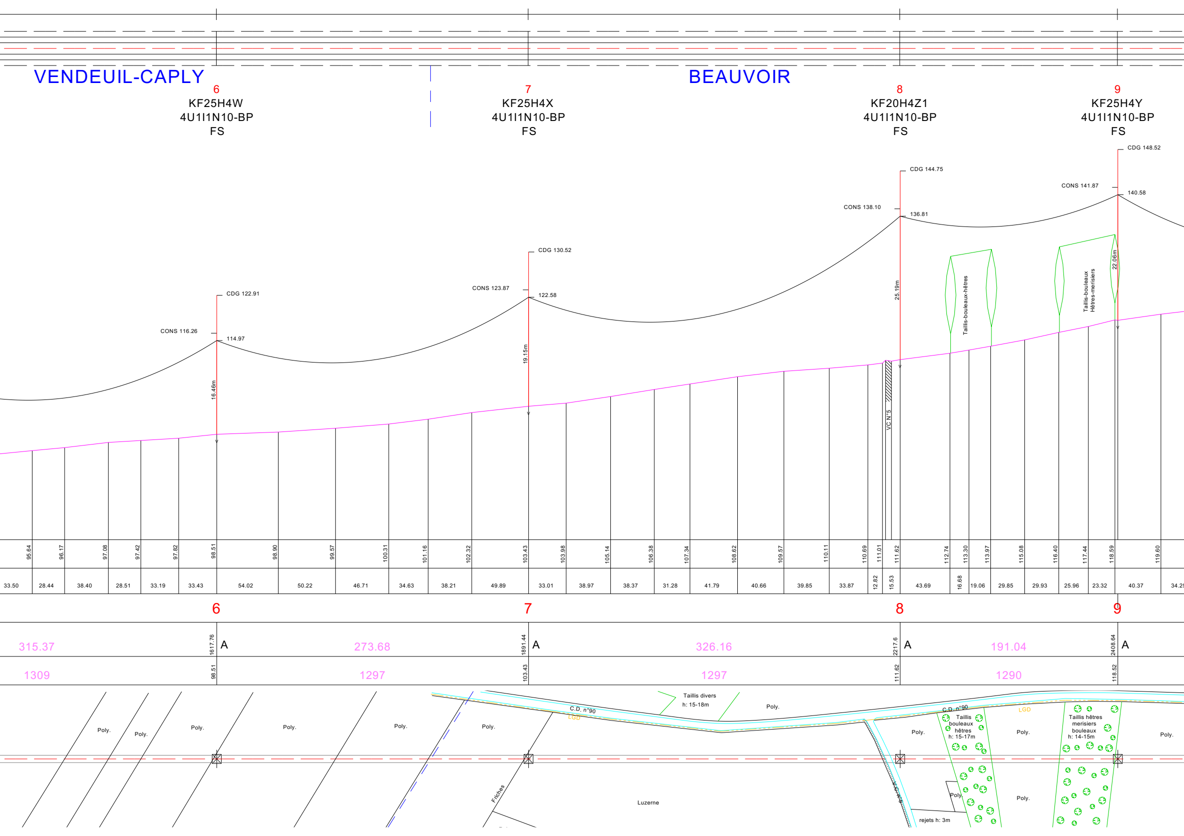

alignement 1380.10m
7
3
11
11
3
7
HERELLE
29
J4NBY
4U1I1N10-BP
DCC40*
SOM. 178.62
* FONDATIONS A RENFORCER
CONS 170.52
169.23
LIAISON HERTZIENNE BACOUËL - COIVREL 177 NGF
Taillis, Futaie Chênes
30
J4S2BZ1 *
4U1X1N10/4U1X1N10-B
DCC160*
SOM. 178.70
CONS 176.20
CONS 172.20
CONS 168.20
* KIT RUN A INSTALLER
* A TRANSFORMER EN AEROSOUTERRAIN
* FONDATIONS A RENFORCER
Buisson
Taillis-frênes-merisiers
22.60m
27.52m
146.43
146.25
146.05
146.00
146.27
146.57
146.63
146.24
145.75
145.03
144.37
143.13
141.12
140.72
140.63
140.48
140.68
41.30
24.46
63.66
38.99
14.18
20.80
12.03
33.47
36.16
40.37
31.97
38.37
41.26
20.87
10.94
31.97
12.21
29
30
337.96
8844.59
A
297.59
9142.18
A
1343
146.63
1329
140.68
103.62g
96.38g
Orientation Support
Lambert93
X:658770.23
Y:6945234.35
Maïs
Buissons
h:5/6m
Taillis, Frênes h:8-10m
Merisiers
h:12-15m
Trembles
h:22-25m
Poly.
Poly.
Poly.
LIAISON HERTZIENNE BACOUËL - COIVREL 177 NGF
Poly.
Poly.
Taillis, Futaie Chênes
h:22-25m
Vers HARGICOURT
Vers GANNES
96.38g
Terne à déposer

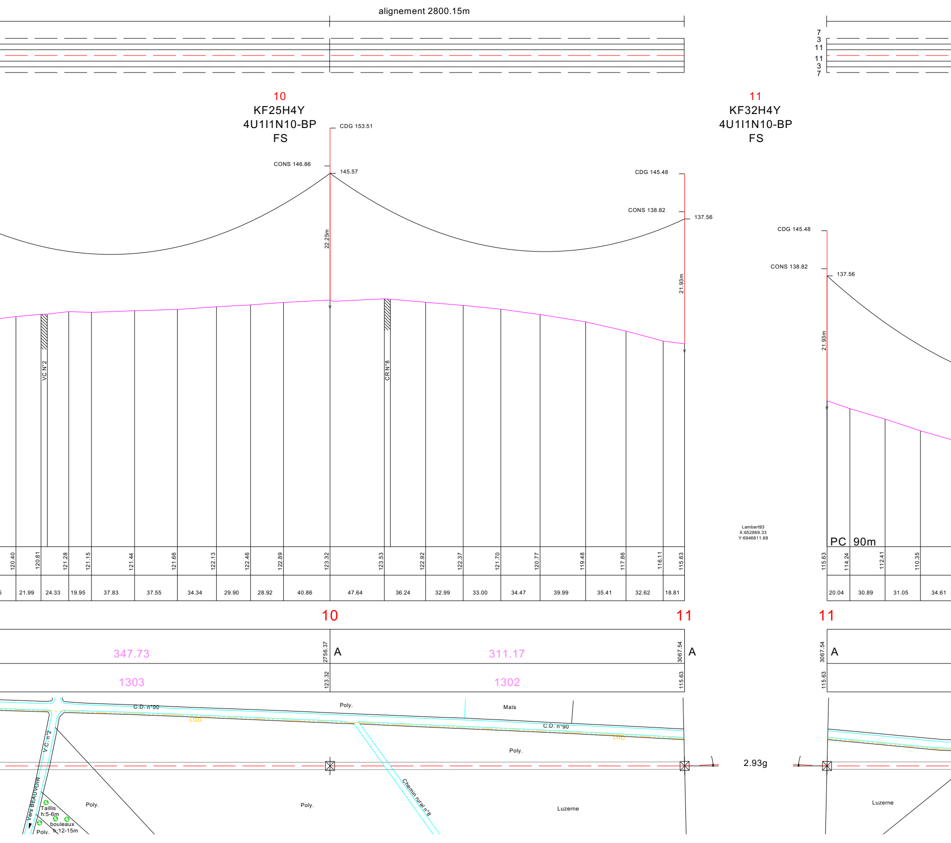

Alignement
Commune
Numéro des Supports
Type des Supports
Type de Chaînes
Type de Massifs
Type de CDG
Coordonnées Supports (RGF 93)
al 24.79m
CDG
Phases
alignement 239.58m
CdG 1x1 Phlox 116.2
Câble conducteur 3x1 Aster 366
11
3
7
BRETEUIL
VENDEUIL-CAPLY
BRETEUIL
PORTIQUE
4U4H2N10+Ecl.A/4U4H2N10+Ecl.A-B
-
1B
P1S1MR1
4U1X1N10/4U1X1N10-B
DCC60
2
J4S2BX
4U1X1N10/4U1X1N10-B
DCC80
4U4H2N
Terne VALESCOURT Dériv. GANNES
CDG 123.61
CONS 121.11
CONS 117.11
CONS 113.11
CDG 104.38
102.78
CDG 100.28
98.53
7.97m
11.25m
11.25m
21.37m
Lambert93
X:650021.02
Y:6947740.81
Lambert93
X:650044.85
Y:6947733.98
CR N°5
Echelle Y = 1/ 500
Echelle X = 1/2500
Plan de comparaison
PC 80m
PC 80m
Altitudes du terrain
90.56
91.53
91.53
91.18
91.32
91.81
92.24
92.28
92.07
92.07
91.74
Distances partielles
24.78
12.98
37.22
36.46
37.39
35.05
31.36
21.38
27.74
Numéros des pylônes
Distances entre pylônes
Port.
1B
1B
2
Distances cumulées des pylônes
Classes de précision
A
0.00
24.78
24.78
A
24.78
A
239.58
264.36
A
Altitudes des pylônes - Paramètres à 65°C
90.56
Dét.
91.53
91.53
948
91.74
Poste de
BRETEUIL
2.58g
CR n°5
Poly.
Circuit 90kV HARGICOURT
Poly.
4.05g

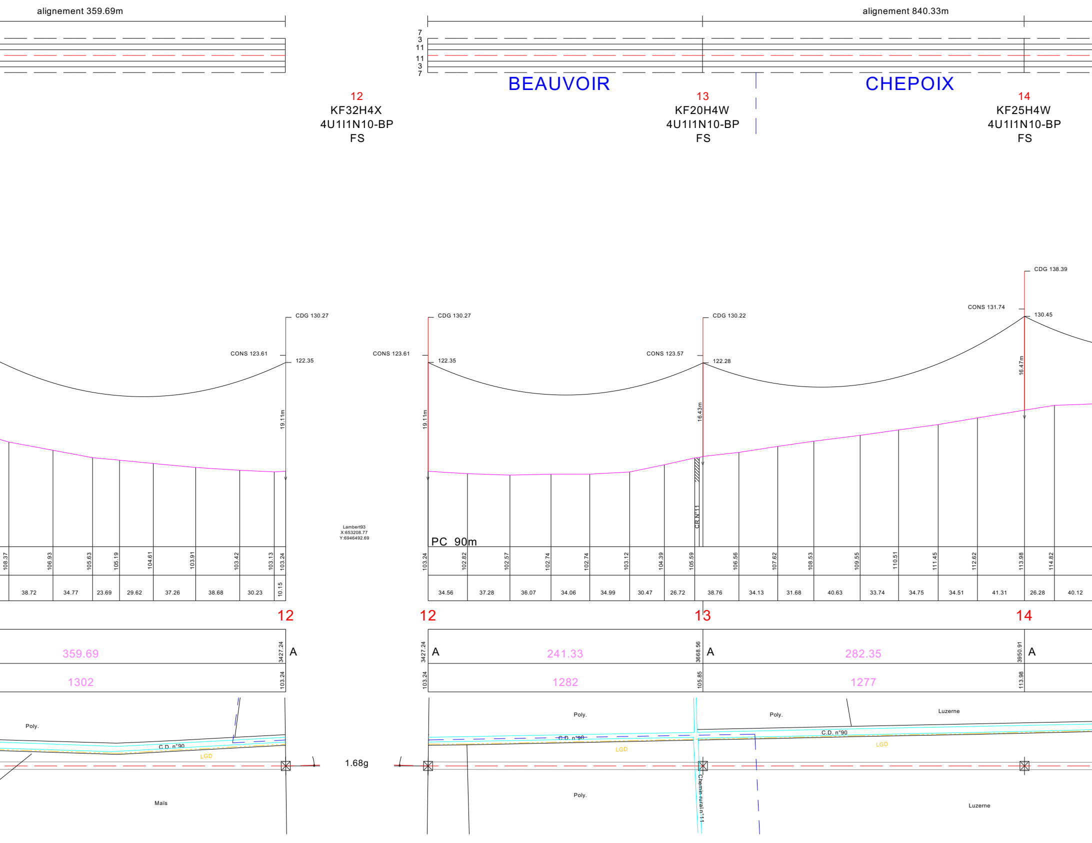


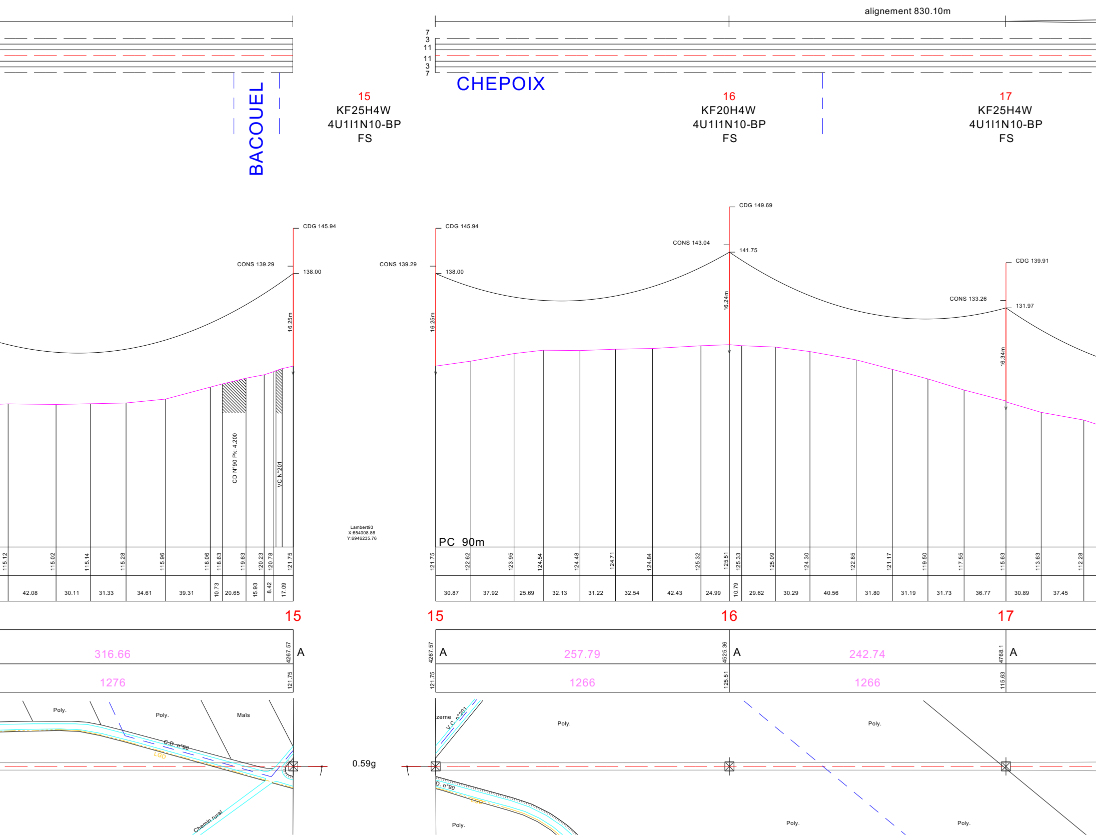
al 24.86m
alignement 242.53m
CdG 1x1 Thym 157.4
Câble conducteur 3x1 Aster 366
alignement 2800.15m
11
3
7
BRETEUIL
VENDEUIL-CAPLY
1A
P1S1MR1
BRETEUIL
4U1X1N10/4U1X1N10-B
PORTIQUE
DCC60
10+Ecl.A/4U4H2N10+Ecl.A-B
-
2
J4S2BX
4U1X1N10/4U1X1N10-B
DCC80 *
* FONDATIONS A RENFORCER
Terne HARGICOURT
CDG 123.61
CONS 121.11
CONS 117.11
CONS 113.11
CDG 103.57
101.97
CDG 99.73
97.98
7.95m
11.36m
21.37m
CR N°5
PC 80m
Lambert93
X:650272.29
Y:6947658.71
90.03
90.61
90.67
90.78
91.33
91.78
91.78
91.99
91.74
91.81
91.53
91.38
91.67
91.75
91.36
91.06
91.01
24.86
12.77
45.30
42.24
38.71
36.07
36.65
30.79
27.44
35.99
38.65
35.70
43.20
37.45
38.04
38.18
Port.
1A
1A
2
2
A
0
24.86
Dét.
242.53
1015
267.39
344.91
1339
Poly.
C.R. n°5
Circuit 90kV VALESCOURT-Dériv. GANNES
Poste de
BRETEUIL
9.74g
3.78g

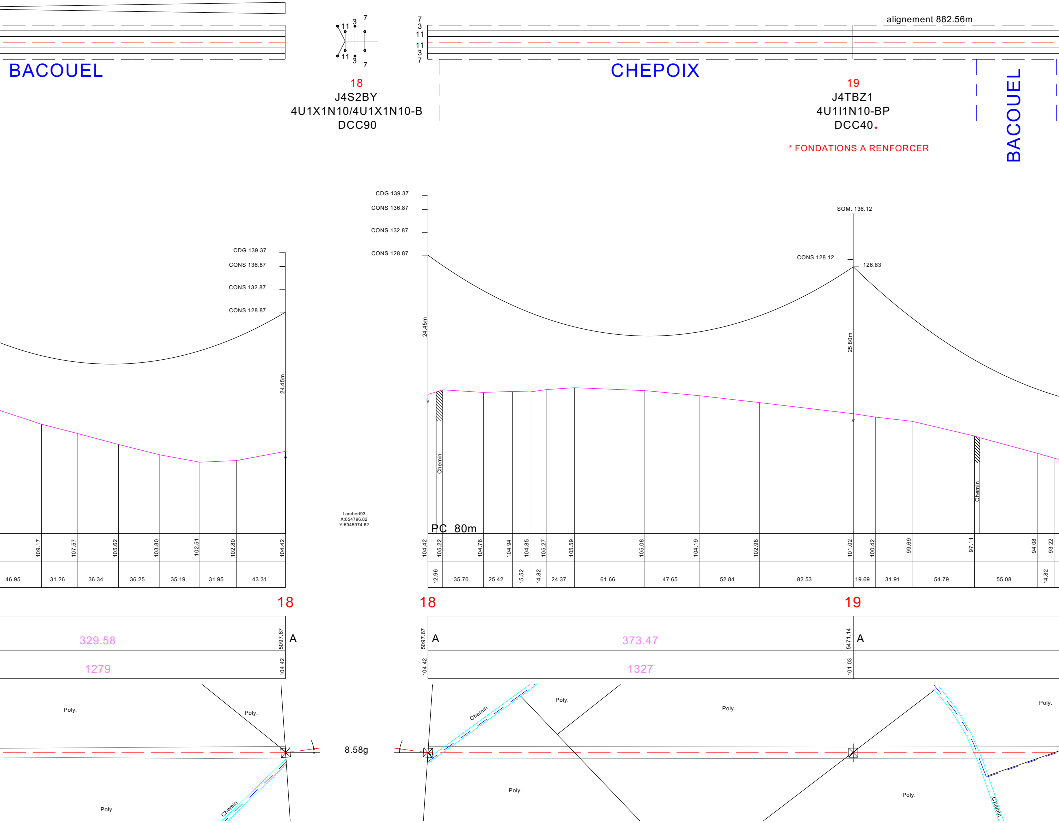

3
KF32H4Y
4U1I1N10-BP
FS
11
7
3
11
7
3
4
KF32H4Y
4U1I1N10-BP
FS
5
KF25H4X
4U1I1N10-BP
FS
CDG 121.00
NS 114.35
113.06
22.00m
123.04 Acc.CDG
CONS 116.39
115.10
22.15m
CDG 121.01
CONS 114.36
113.07
19.22m
VC N°7
91.18
91.06
91.43
91.43
91.72
92.11
92.38
92.91
92.92
92.75
92.79
92.95
92.82
92.82
92.76
92.80
92.38
92.27
92.73
92.93
93.86
93.78
94.18
94.44
94.98
39.78
10.49
28.41
38.71
42.77
38.24
43.23
37.85
43.76
38.05
38.77
9.54
29.43
39.42
25.60
36.04
37.70
38.82
36.68
36.64
50.43
15.91
33.42
35.70
34.89
3
4
5
612.3
A
359.34
971.64
A
330.76
1302.4
A
91.06
1337
92.95
1323
93.85
V.F. SNCF BRETEUIL-VILLE - BRETEUIL-EMBRACHEMENT
Poly.
Poly.
V.C. n°7
Poly.
Poly.
Poly.

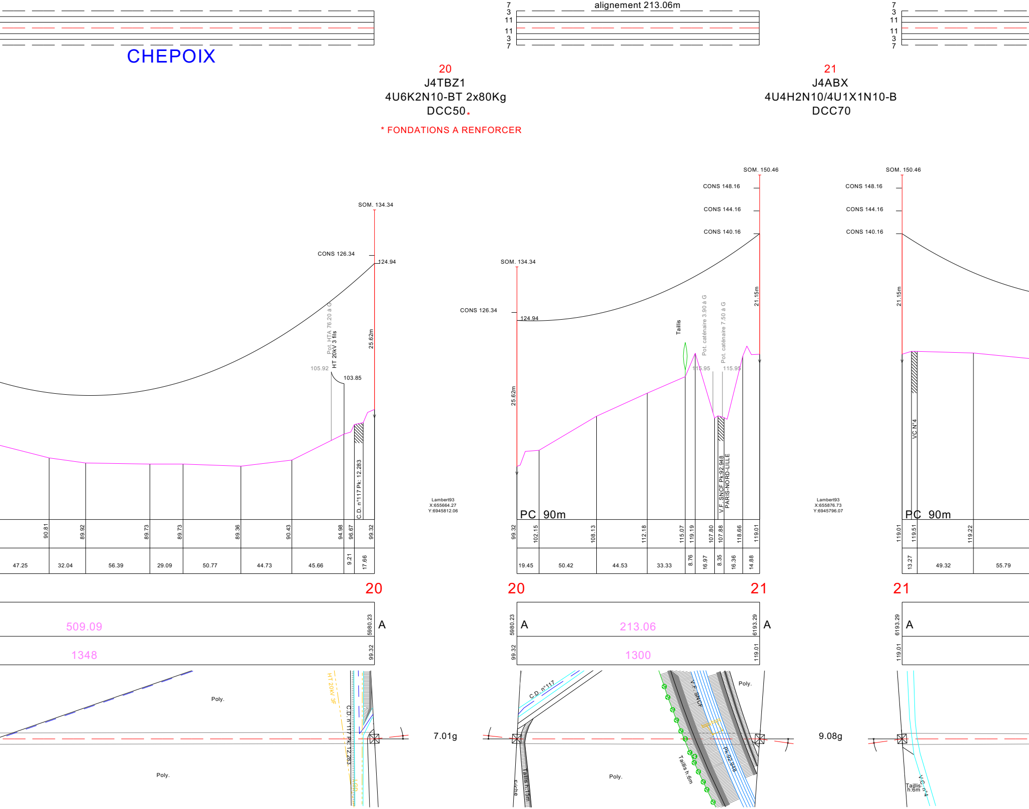

VENDEUIL-CAPLY
BEAUVOIR
6
KF25H4W
4U1I1N10-BP
FS
7
KF25H4X
4U1I1N10-BP
FS
8
KF20H4Z1
4U1I1N10-BP
FS
9
KF25H4Y
4U1I1N10-BP
FS
CDG 122.91
CONS 116.26
114.97
16.46m
CDG 130.52
CONS 123.87
122.58
19.15m
CDG 144.75
CONS 138.10
136.81
25.19m
CDG 148.52
CONS 141.87
140.58
22.06m
Taillis-bouleaux-hêtres
Taillis-bouleaux Hêtres-merisiers
VC N°5
95.64
96.17
97.08
97.42
97.82
98.51
98.90
99.57
100.31
101.16
102.32
103.43
103.98
105.14
106.38
107.34
108.62
109.57
110.11
110.69
111.01
111.62
112.74
113.30
113.97
115.08
116.40
117.44
118.59
119.60
33.50
28.44
38.40
28.51
33.19
33.43
54.02
50.22
46.71
34.63
38.21
49.89
33.01
38.97
38.37
31.28
41.79
40.66
39.85
33.87
12.82
15.53
43.69
16.68
19.06
29.85
29.93
25.96
23.32
40.37
34.25
6
7
8
9
315.37
1617.76
A
273.68
1891.44
A
326.16
2217.6
A
191.04
2408.64
A
1309
98.51
1297
103.43
1297
111.62
1290
118.52
Poly.
Poly.
Poly.
Poly.
Poly.
Poly.
Friches
C.D. n°90
LGD
Taillis divers
h: 15-18m
Poly.
Luzerne
V.C. n°5
Poly.
C.D. n°90
Taillis
bouleaux
hêtres
h: 15-17m
LGD
Poly.
Poly.
rejets h: 3m
Poly.
Taillis hêtres
merisiers
bouleaux
h: 14-15m
Poly.
Poly.

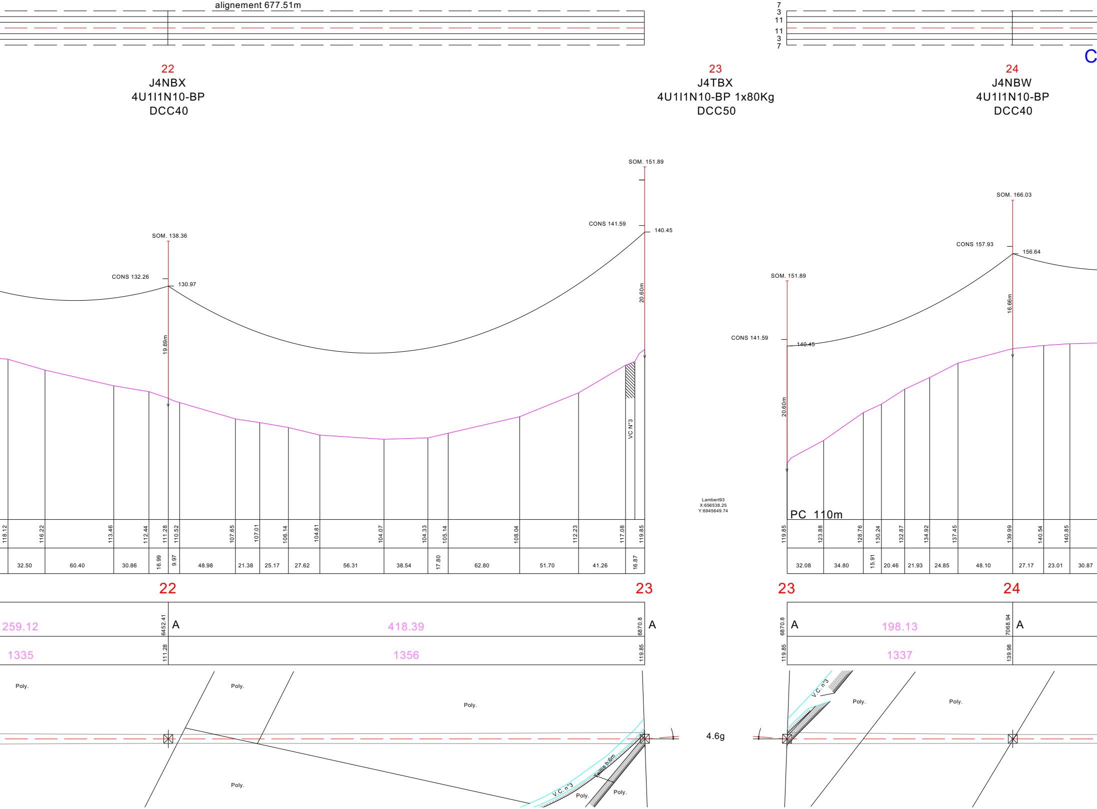

alignement 2800.15m
7
3
11
11
3
7
10
KF25H4Y
4U1I1N10-BP
FS
11
KF32H4Y
4U1I1N10-BP
FS
CDG 153.51
CONS 146.86
145.57
22.25m
CDG 145.48
CONS 138.82
137.56
21.93m
CDG 145.48
CONS 138.82
137.56
21.93m
VC N°2
CR N°8
Lambert93
X:652869.33
Y:6946611.68
PC
90m
120.40
120.81
121.28
121.15
121.44
121.66
122.13
122.46
122.89
123.32
123.53
122.92
122.37
121.70
120.77
119.48
117.86
116.11
115.63
115.63
114.24
112.41
110.35
21.99
24.33
19.95
37.83
37.55
34.34
29.90
28.92
40.86
47.64
36.24
32.99
33.00
34.47
39.99
35.41
32.62
18.81
20.04
30.89
31.05
34.61
10
11
11
347.73
2756.37
A
311.17
3067.54
A
3067.54
A
1303
123.32
1302
115.63
115.63
C.D. n°90
LGD
Poly.
Maïs
C.D. n°90
LGD
V.C. n°2
Poly.
2.93g
Vers BEAUVOIR
Taillis
h:5-6m
bouleaux
h:12-15m
Poly.
Poly.
Poly.
Chemin rural n°8
Luzerne
Luzerne

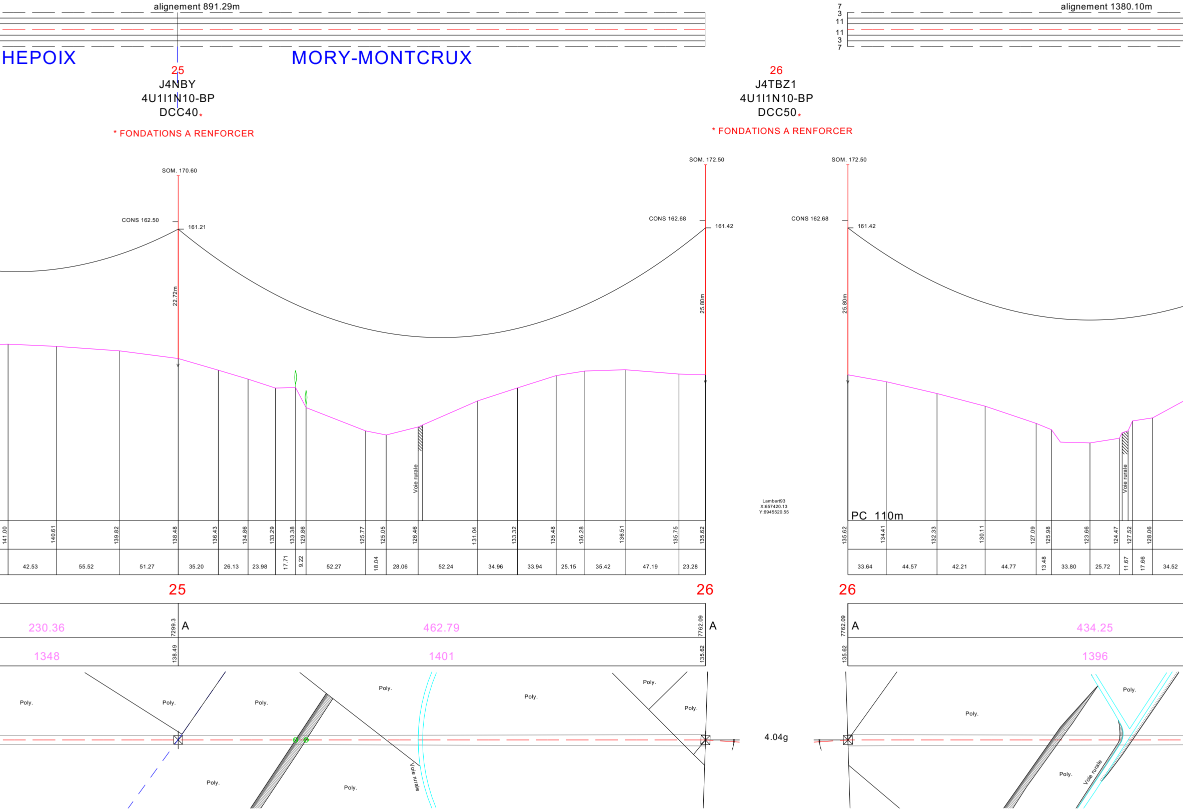

alignement 359.69m
alignement 840.33m
7
3
11
11
3
7
BEAUVOIR
CHEPOIX
12
KF32H4X
4U1I1N10-BP
FS
13
KF20H4W
4U1I1N10-BP
FS
14
KF25H4W
4U1I1N10-BP
FS
CDG 138.39
CONS 131.74
130.45
CDG 130.27
CONS 123.61
122.35
CDG 130.27
CONS 123.61
122.35
CONS 123.57
CDG 130.22
122.28
16.47m
19.11m
19.11m
16.43m
CR N°11
PC 90m
Lambert93
X:653208.77
Y:6946492.69
108.37
106.93
105.63
105.19
104.61
103.91
103.42
103.13
103.24
103.24
102.82
102.57
102.74
102.74
103.12
104.39
105.59
106.56
107.62
108.53
109.55
110.51
111.45
112.62
113.98
114.82
38.72
34.77
23.69
29.62
37.26
38.68
30.23
10.15
34.56
37.28
36.07
34.06
34.99
30.47
26.72
38.76
34.13
31.68
40.63
33.74
34.75
34.51
41.31
26.28
40.12
12
12
13
14
359.69
3427.24
A
1302
103.24
3427.24
A
241.33
3668.56
A
282.35
3950.91
A
103.24
1282
105.85
1277
113.98
Poly.
C.D. n°90
LGD
Maïs
1.68g
Poly.
C.D. n°90
LGD
Poly.
Poly.
C.D. n°90
LGD
Luzerne
Chemin rural n°11
Luzerne

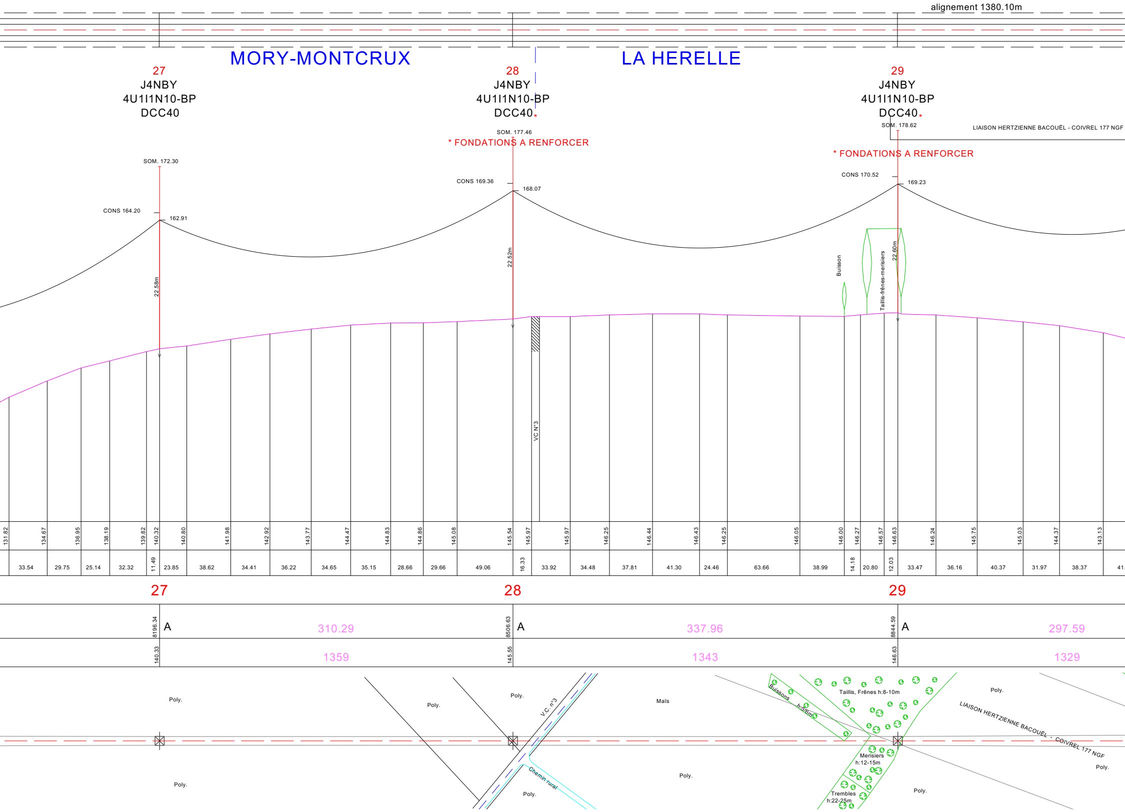

alignement 830.10m
7
3
11
11
3
7
BACOUEL
CHEPOIX
15
KF25H4W
4U1I1N10-BP
FS
16
KF20H4W
4U1I1N10-BP
FS
17
KF25H4W
4U1I1N10-BP
FS
CDG 145.94
CONS 139.29
138.00
16.25m
CDG 145.94
CONS 139.29
138.00
16.25m
CDG 149.69
CONS 143.04
141.75
16.24m
CDG 139.91
CONS 133.26
131.97
16.34m
CD N°90 Pk: 4.200
VC N°201
Lambert93
X:654008.86
Y:6946235.76
PC 90m
115.12
115.02
115.14
115.28
115.96
118.06
118.63
119.63
120.23
120.78
121.75
42.08
30.11
31.33
34.61
39.31
10.73
20.65
15.93
8.42
17.09
121.75
122.62
123.95
124.54
124.48
124.71
124.84
125.32
125.51
125.33
125.09
124.30
122.85
121.17
119.50
117.55
115.63
113.63
112.28
30.87
37.92
25.69
32.13
31.22
32.54
42.43
24.99
10.79
29.62
30.29
40.56
31.80
31.19
31.73
36.77
30.89
37.45
15
15
16
17
316.66
4267.57
A
1276
121.75
4267.57
A
257.79
4525.36
A
242.74
4768.1
A
121.75
1266
125.51
1266
115.63
Poly.
Poly.
Maïs
C.D. n°90
LGD
Chemin rural
0.59g
zerne
V.C. n°201
D. n°90
LGD
Poly.
Poly.
Poly.
Poly.
Poly.

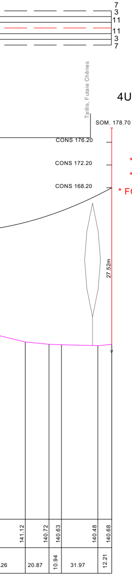

BACOUEL
11
3
7
11
3
7
7
3
11
11
3
7
alignement 882.56m
CHEPOIX
BACOUEL
18
J4S2BY
4U1X1N10/4U1X1N10-B
DCC90
19
J4TBZ1
4U1I1N10-BP
DCC40*
* FONDATIONS A RENFORCER
CDG 139.37
CONS 136.87
CONS 132.87
CONS 128.87
24.45m
CDG 139.37
CONS 136.87
CONS 132.87
CONS 128.87
24.45m
SOM. 136.12
CONS 128.12
126.83
25.80m
Chemin
Chemin
PC 80m
Lambert93
X:654796.82
Y:6945974.62
109.17
107.57
105.62
103.80
102.51
102.80
104.42
104.42
105.22
104.76
104.94
104.85
105.27
105.59
105.08
104.19
102.98
101.02
100.42
99.69
97.11
94.08
93.22
46.95
31.26
36.34
36.25
35.19
31.95
43.31
12.96
35.70
25.42
15.52
14.82
24.37
61.66
47.65
52.84
82.53
19.69
31.91
54.79
55.08
14.82
18
18
19
329.58
5097.67
A
1279
104.42
5097.67
A
373.47
5471.14
A
104.42
1327
101.03
Poly.
Poly.
Poly.
Chemin
8.58g
Chemin
Poly.
Poly.
Poly.
Poly.
Poly.
Chemin

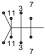

CHEPOIX
alignement 213.06m
7
3
11
11
3
7
20
J4TBZ1
4U6K2N10-BT 2x80Kg
DCC50*
* FONDATIONS A RENFORCER
21
J4ABX
4U4H2N10/4U1X1N10-B
DCC70
SOM. 134.34
CONS 126.34
124.94
25.62m
Pot. HTA 76.20 à G
HT 20kV 3 fils
105.92
103.85
C.D. n°117 Pk: 12.283
SOM. 134.34
CONS 126.34
124.94
25.62m
SOM. 150.46
CONS 148.16
CONS 144.16
CONS 140.16
21.15m
Taillis
Pot. caténaire 3.90 à G
Pot. caténaire 7.50 à G
115.95
115.95
V.F. SNCF Pk:92.948
PARIS-NORD-LILLE
SOM. 150.46
CONS 148.16
CONS 144.16
CONS 140.16
21.15m
VC N°4
Lambert93
X:655664.27
Y:6945812.06
Lambert93
X:655876.73
Y:6945796.07
PC 90m
PC 90m
90.81
89.92
89.73
89.73
89.36
90.43
94.98
96.67
99.32
99.32
102.15
108.13
112.18
115.07
119.19
107.80
107.88
118.66
119.01
119.01
119.51
119.22
47.25
32.04
56.39
29.09
50.77
44.73
45.66
9.21
17.66
19.45
50.42
44.53
33.33
8.76
16.97
8.35
16.36
14.88
13.27
49.32
55.79
20
20
21
21
509.09
5980.23
A
1348
99.32
5980.23
A
213.06
6193.29
A
99.32
1300
119.01
6193.29
A
119.01
Poly.
Poly.
HT 20kV 3F
C.D. n°117 Pk:12.283
7.01g
C.D. n°117
Friche
Taillis h:15m
Poly.
V.F. SNCF
Pk:92.948
Taillis h:6m
Poly.
9.08g
Taillis h:6m
V.C. n°4


alignement 677.51m
7
3
11
11
3
7
C
22
J4NBX
4U1I1N10-BP
DCC40
23
J4TBX
4U1I1N10-BP 1x80Kg
DCC50
24
J4NBW
4U1I1N10-BP
DCC40
SOM. 151.89
CONS 141.59
140.45
20.60m
SOM. 138.36
CONS 132.26
130.97
19.69m
VC N°3
SOM. 166.03
CONS 157.93
156.64
16.66m
SOM. 151.89
CONS 141.59
140.45
20.60m
Lambert93
X:656538.25
Y:6945649.74
PC 110m
118.12
116.22
113.46
112.44
111.28
110.52
107.65
107.01
106.14
104.81
104.07
104.33
105.14
108.04
112.23
117.08
119.85
32.50
60.40
30.86
16.99
9.97
48.98
21.38
25.17
27.62
56.31
38.54
17.80
62.80
51.70
41.26
16.87
119.85
123.88
128.76
130.24
132.87
134.92
137.45
139.99
140.54
140.85
32.08
34.80
15.91
20.46
21.93
24.85
48.10
27.17
23.01
30.87
22
23
23
24
259.12
6452.41
A
418.39
6870.8
A
6870.8
A
198.13
7068.94
A
1335
111.28
1356
119.85
119.85
1337
139.98
Poly.
Poly.
Poly.
Poly.
Poly.
Poly.
Talus h:6m
V.C. n°3
4.6g
V.C. n°3
Poly.
Poly.


alignement 891.29m
alignement 1380.10m
7
3
11
11
3
7
HEPOIX
MORY-MONTCRUX
25
J4NBY
4U1I1N10-BP
DCC40*
* FONDATIONS A RENFORCER
26
J4TBZ1
4U1I1N10-BP
DCC50*
* FONDATIONS A RENFORCER
SOM. 170.60
CONS 162.50
161.21
22.72m
SOM. 172.50
CONS 162.68
161.42
25.80m
SOM. 172.50
CONS 162.68
161.42
25.80m
Voie rurale
Voie rurale
Lambert93
X:657420.13
Y:6945520.55
PC 110m
141.00
140.61
139.82
138.48
136.43
134.86
133.29
133.38
129.86
125.77
125.05
126.46
131.04
133.32
135.48
136.28
136.51
135.75
135.62
42.53
55.52
51.27
35.20
26.13
23.98
17.71
9.22
52.27
18.04
28.06
52.24
34.96
33.94
25.15
35.42
47.19
23.28
135.62
134.41
132.33
130.11
127.09
125.98
123.66
124.47
127.52
128.06
33.64
44.57
42.21
44.77
13.48
33.80
25.72
11.67
17.66
34.52
25
26
26
230.36
7299.3
A
462.79
7762.09
A
7762.09
A
434.25
1348
138.49
1401
135.62
135.62
1396
Poly.
Poly.
Poly.
Poly.
Poly.
Poly.
Poly.
Poly.
Poly.
Voie rurale
4.04g
Poly.
Poly.
Poly.
Voie rurale

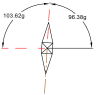

alignement 1380.10m
MORY-MONTCRUX
LA HERELLE
27
J4NBY
4U1I1N10-BP
DCC40
28
J4NBY
4U1I1N10-BP
DCC40*
29
J4NBY
4U1I1N10-BP
DCC40*
SOM. 172.30
CONS 164.20
162.91
22.58m
SOM. 177.46
* FONDATIONS A RENFORCER
CONS 169.36
168.07
22.52m
SOM. 178.62
LIAISON HERTZIENNE BACOUËL - COIVREL 177 NGF
* FONDATIONS A RENFORCER
CONS 170.52
169.23
22.60m
Buisson
Taillis-frênes-merisiers
VC N°3
131.82
134.67
136.95
138.19
139.82
140.32
140.80
141.98
142.92
143.77
144.47
144.83
144.86
145.08
145.54
145.97
145.97
146.25
146.44
146.43
146.25
146.05
146.00
146.27
146.57
146.63
146.24
145.75
145.03
144.37
143.13
33.54
29.75
25.14
32.32
11.49
23.85
38.62
34.41
36.22
34.65
35.15
28.66
29.66
49.06
16.33
33.92
34.48
37.81
41.30
24.46
63.66
38.99
14.18
20.80
12.03
33.47
36.16
40.37
31.97
38.37
41.
27
28
29
8196.34
A
310.29
8506.63
A
337.96
8844.59
A
297.59
140.33
1359
145.55
1343
146.63
1329
Poly.
Poly.
Poly.
Poly.
V.C. n°3
Chemin rural
Poly.
Maïs
Poly.
Buissons h:5/6m
Taillis, Frênes h:8-10m
Merisiers h:12-15m
Trembles h:22-25m
Poly.
LIAISON HERTZIENNE BACOUËL - COIVREL 177 NGF
Poly.
Poly.


7
3
11
11
3
7
Taillis, Futaie Chênes
SOM. 178.70
CONS 176.20
CONS 172.20
CONS 168.20
27.52m
141.12
140.72
140.63
140.48
140.68
26
20.87
10.94
31.97
12.21



30
J4S2BZ1 *
4U1X1N10/4U1X1N10-B
DCC160*

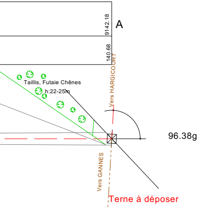
* KIT RUN A INSTALLER
* A TRANSFORMER EN AEROSOUTERRAIN
* FONDATIONS A RENFORCER


103.62g
96.38g

Orientation Support

Lambert93
X:658770.23
Y:6945234.35

30


9142.18
A
140.68
Vers HARGICOURT
Taillis, Futaie Chênes
h:22-25m
96.38g
Vers GANNES
Terne à déposer