


AGENCE JAPONAISE DE COOPERATION INTERNATIONALE (JICA)
DIRECTION GÉNÉRALE
DU GÉNIE RURAL
MINISTÈRE DE L'AGRICULTURE
RÉPUBLIQUE TUNISIENNE

ÉTUDE DE CONCEPTION DÉTAILLÉE
POUR
LE PROJET D'AMÉLIORATION EN EAUX
D'ARRIÈRE
EN RÉGION DE SIDI EL BEIDJ

ÉTUDE DÉTAILLÉE
VOLUME II - RAPPORT DE CONCEPTION DÉTAILLÉE

JICA LIBRARY

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**AGENCE JAPONAISE DE COOPERATION INTERNATIONALE(JICA)
DIRECTION GÉNÉRALE
DU GÉNIE RURAL
MINISTÈRE DE L'AGRICULTURE
RÉPUBLIQUE TUNISIENNE**

**ÉTUDE DE CONCEPTION DÉTAILLÉE
POUR
LE PROJET D'APPROVISIONNEMENT EN EAU DES
ZONES RURALES
EN RÉPUBLIQUE TUNISIENNE**

**RAPPORT FINAL
VOLUME III RAPPORT DE CONCEPTION DÉTAILLÉE**

PARTIE 2 PLANS DE PROFIL

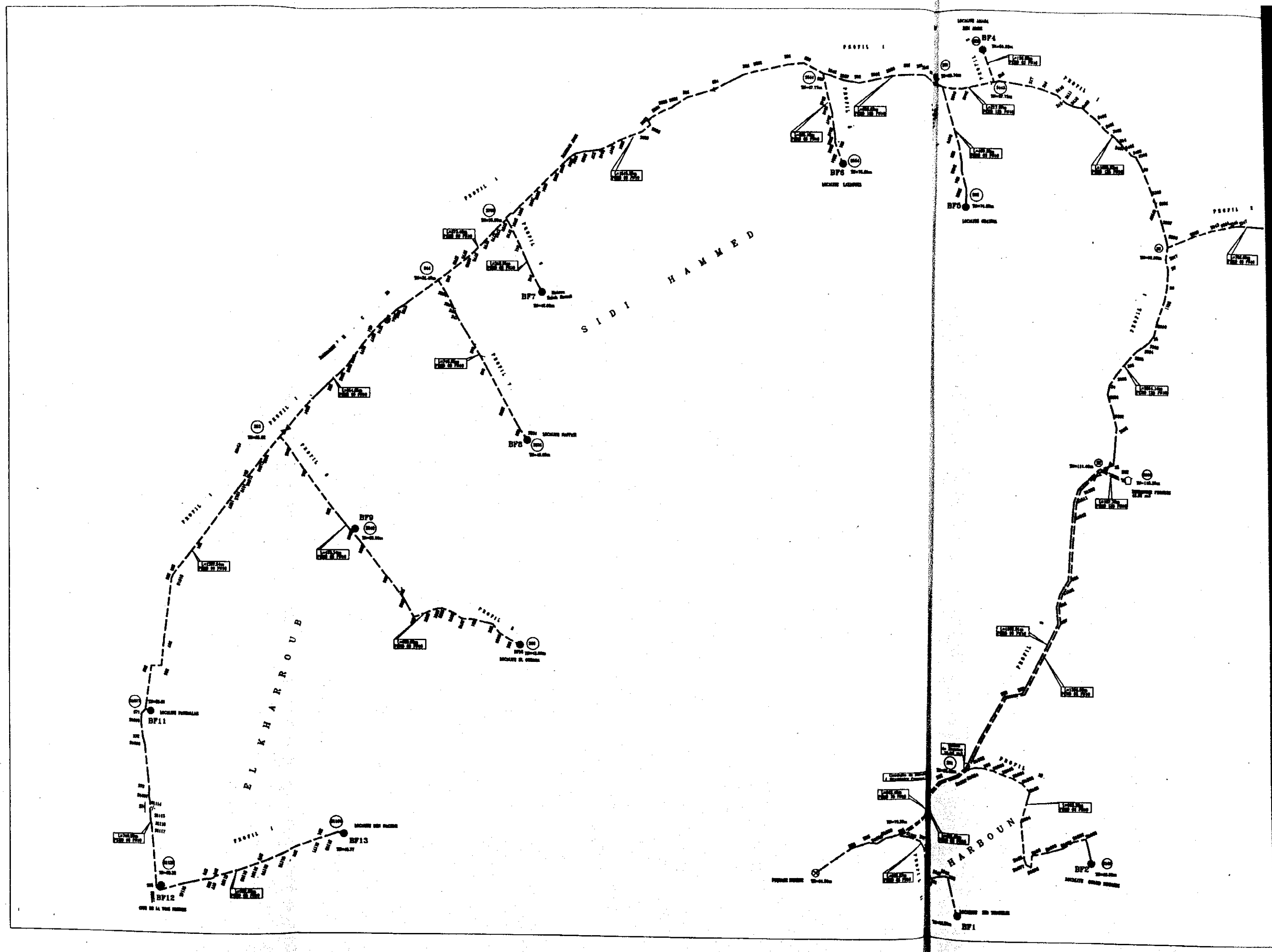
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RAPPORT SUR SIDI HAMMED**

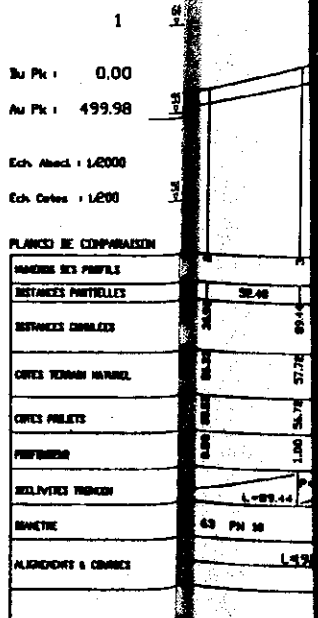
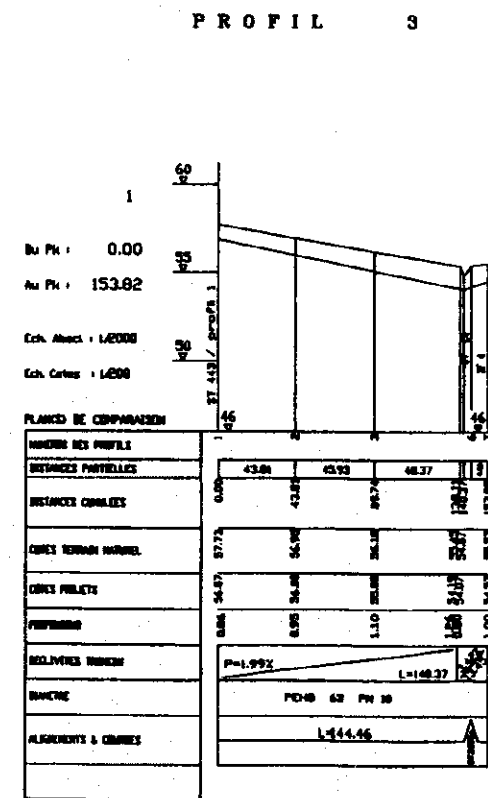
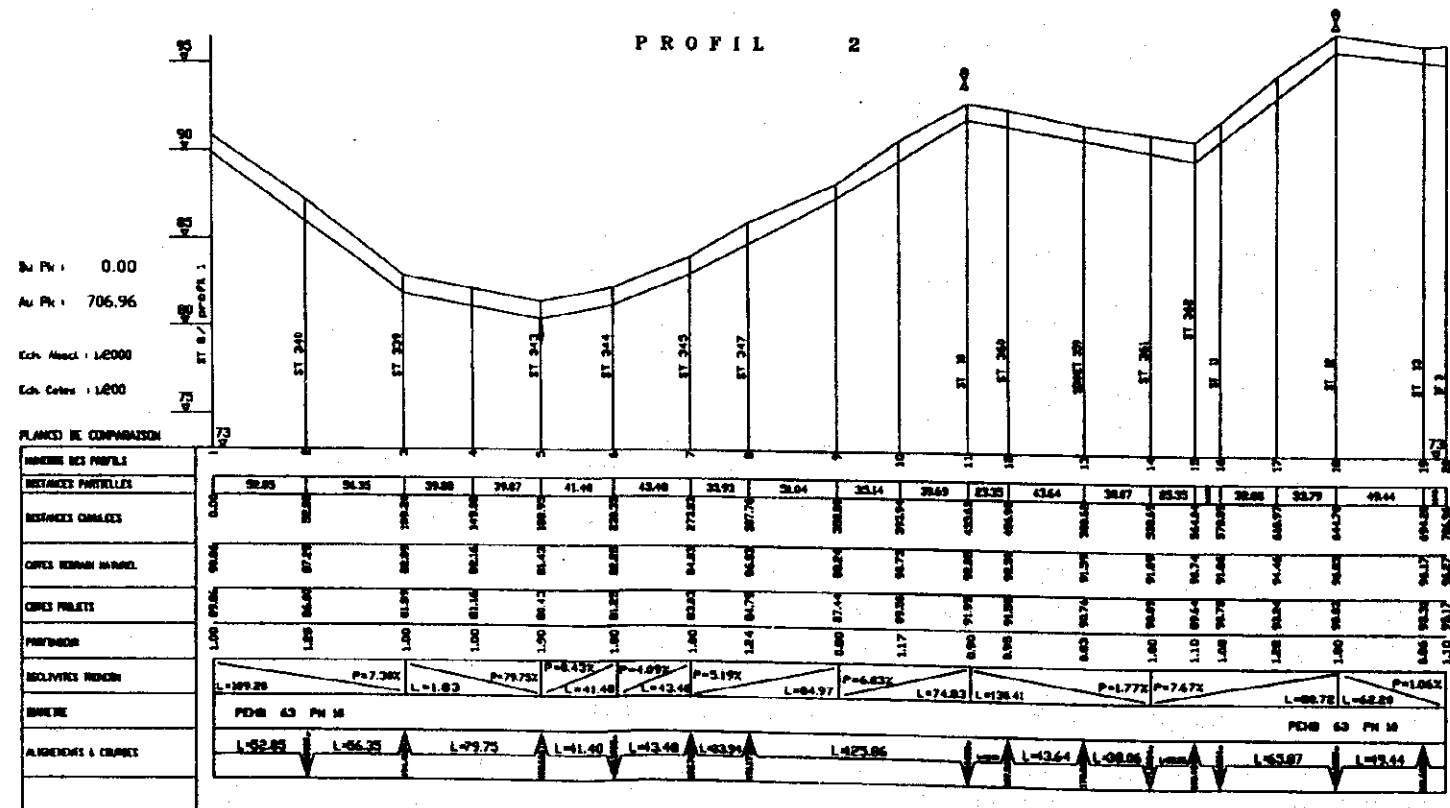
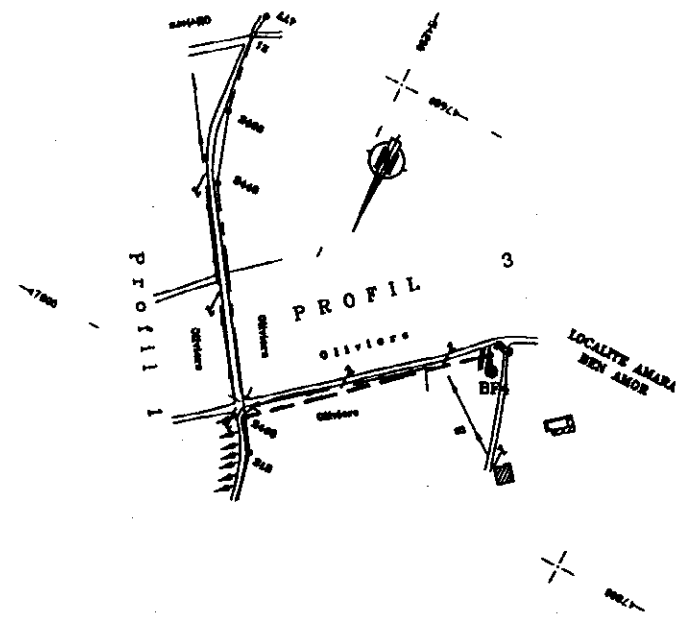
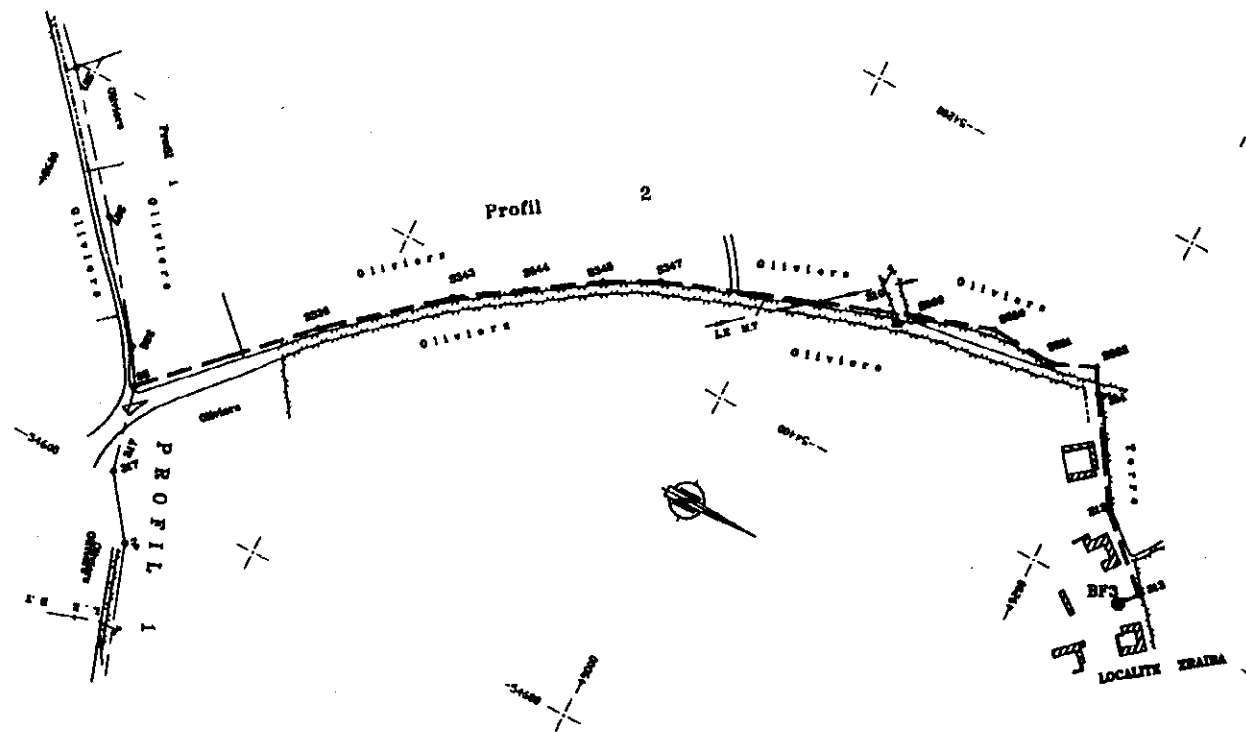
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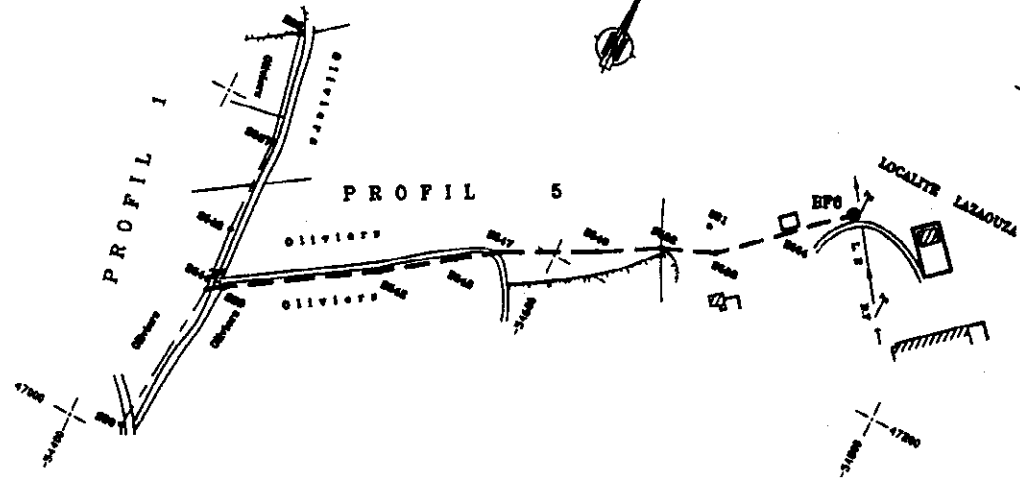
**NIPPON KOEI CO.,LTD.
TAIYO CONSULTANTS CO.,LTD.**



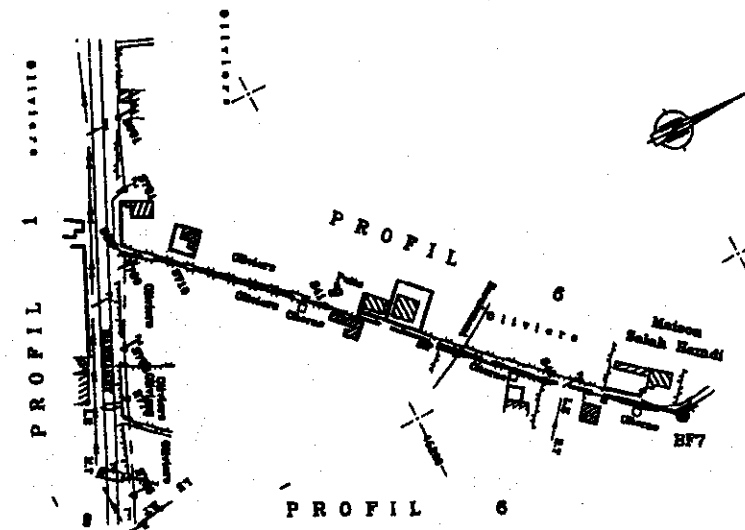
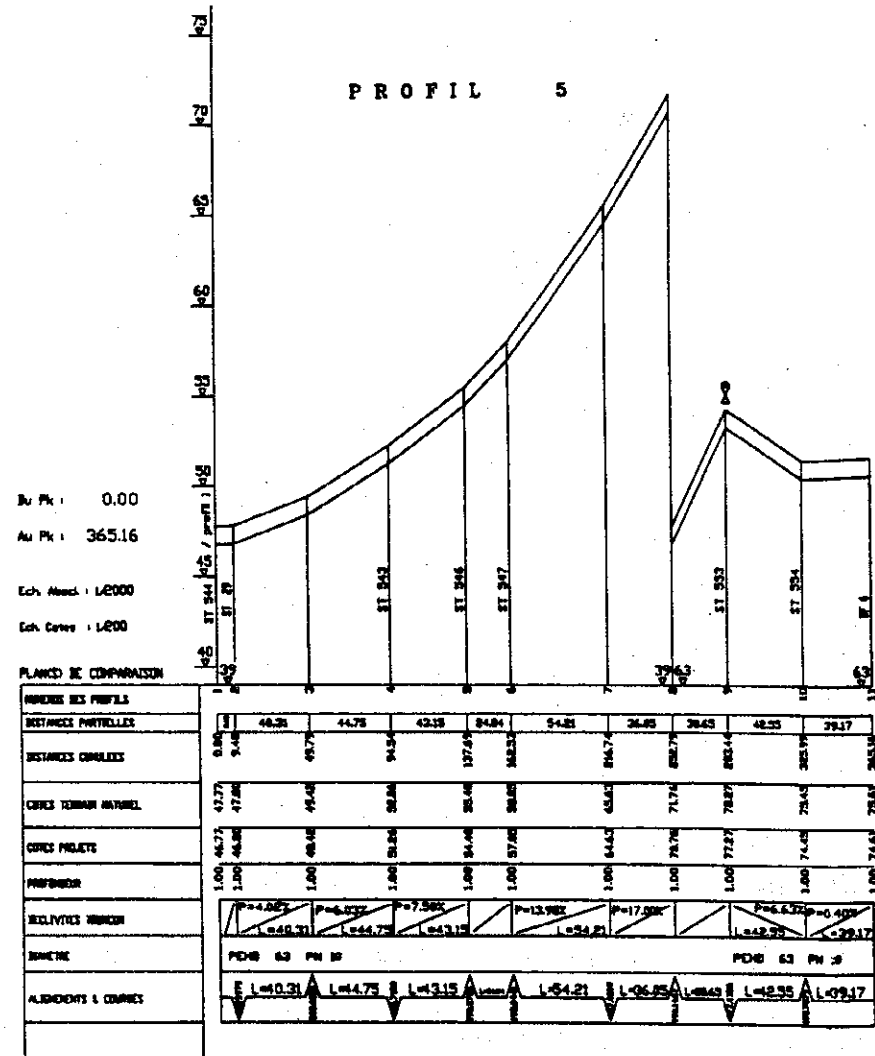
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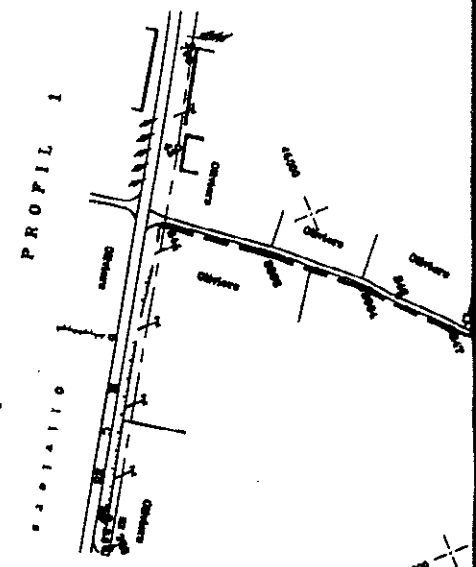
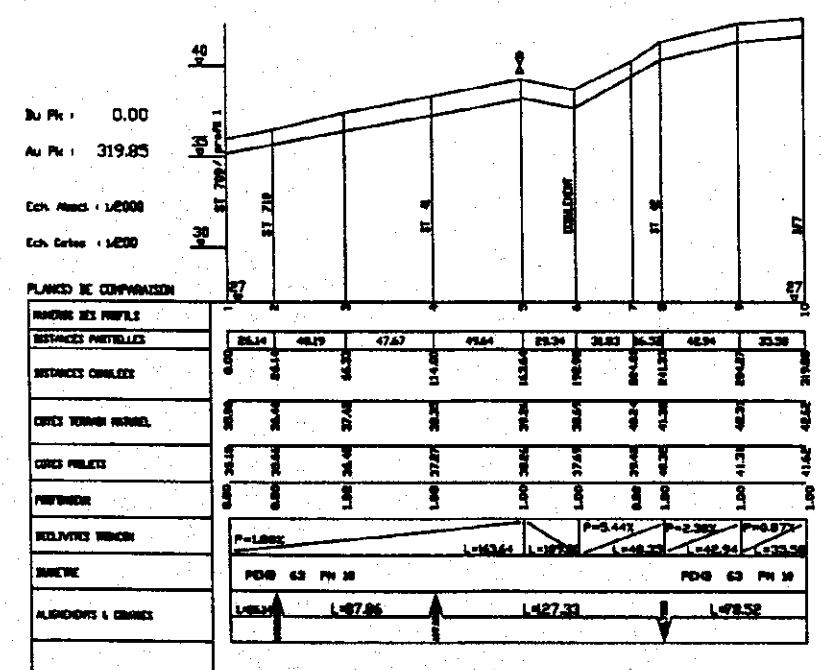




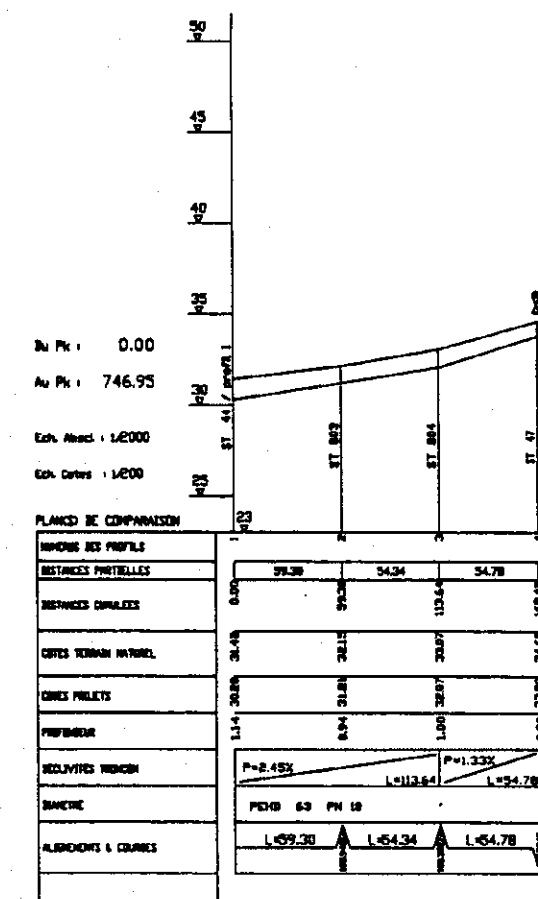
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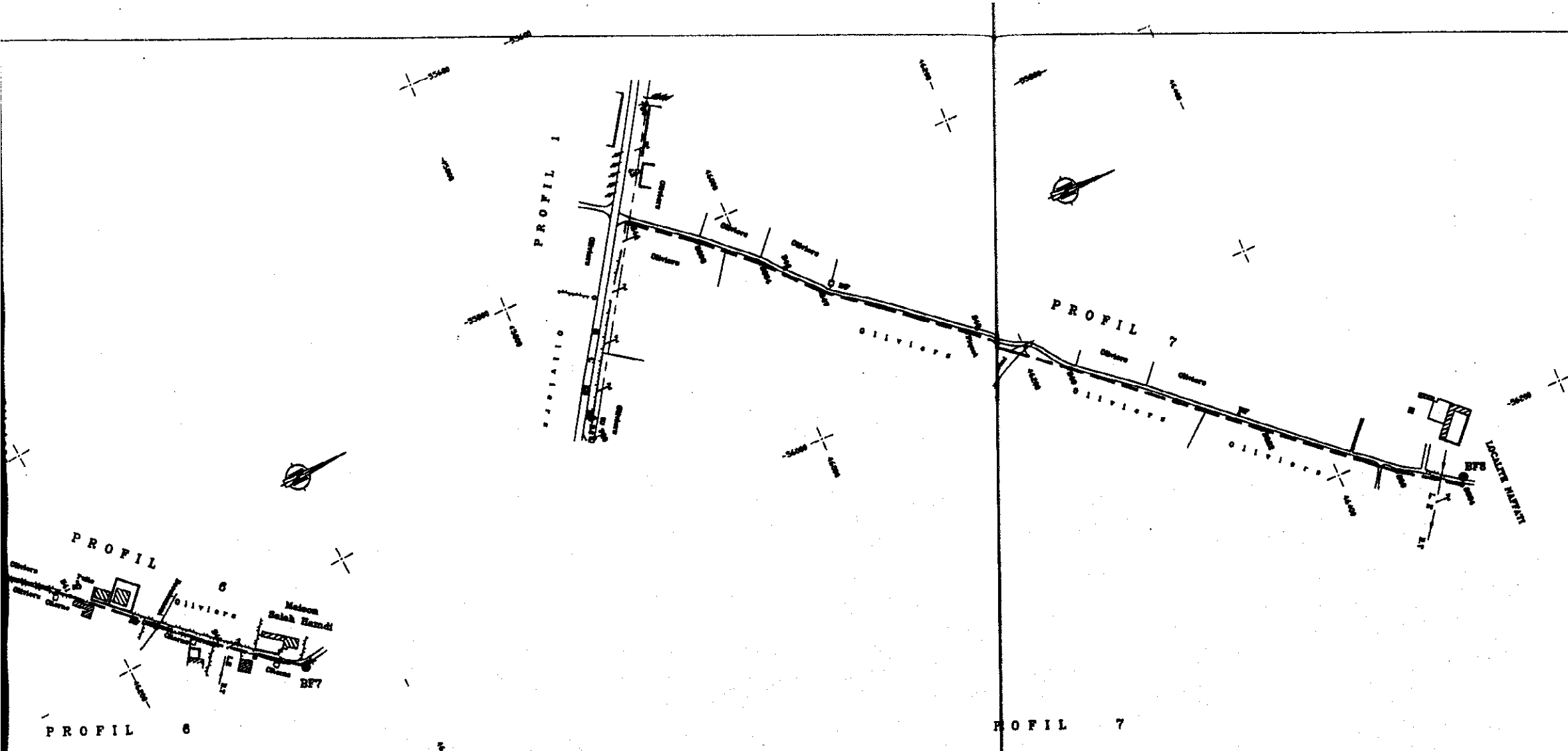


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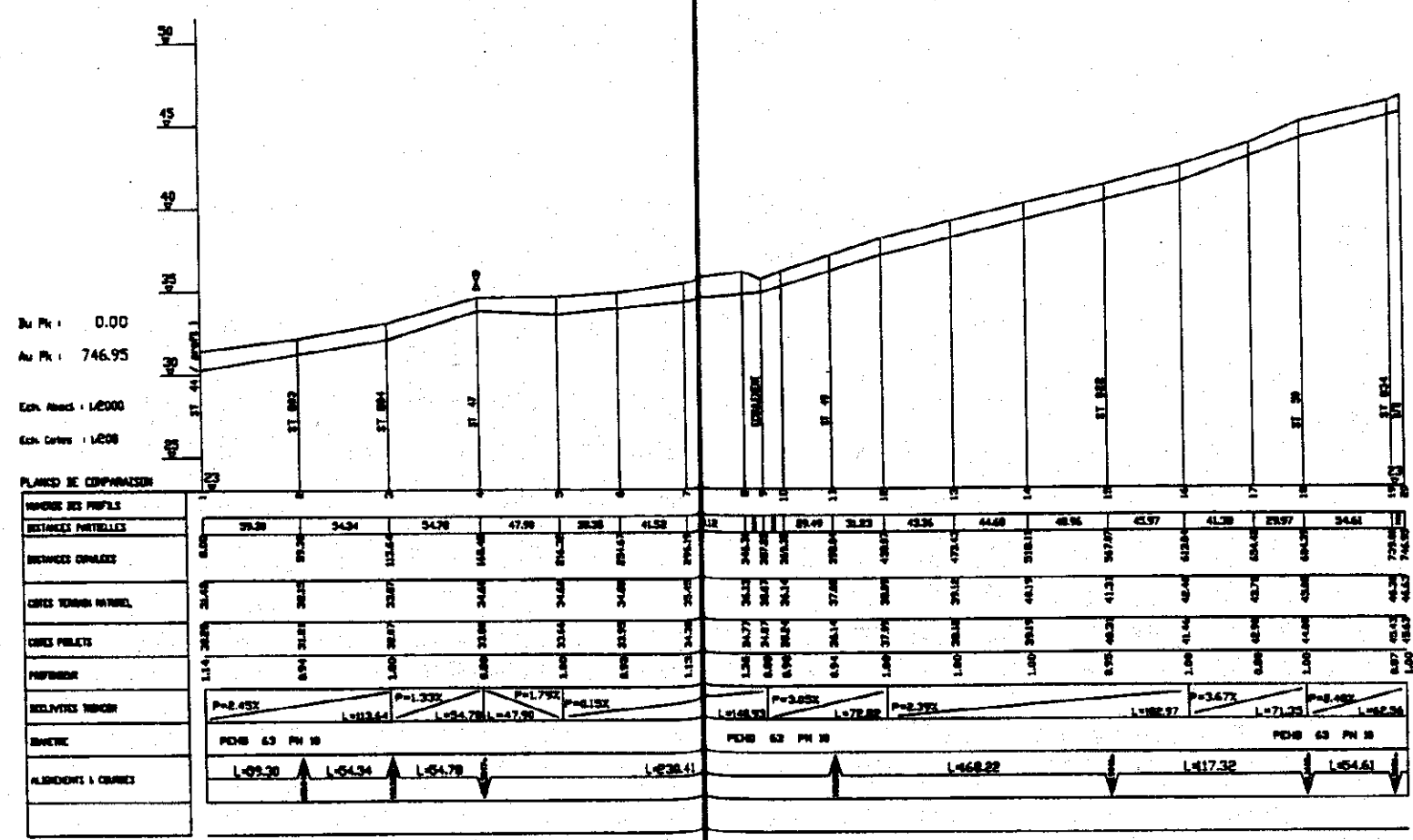
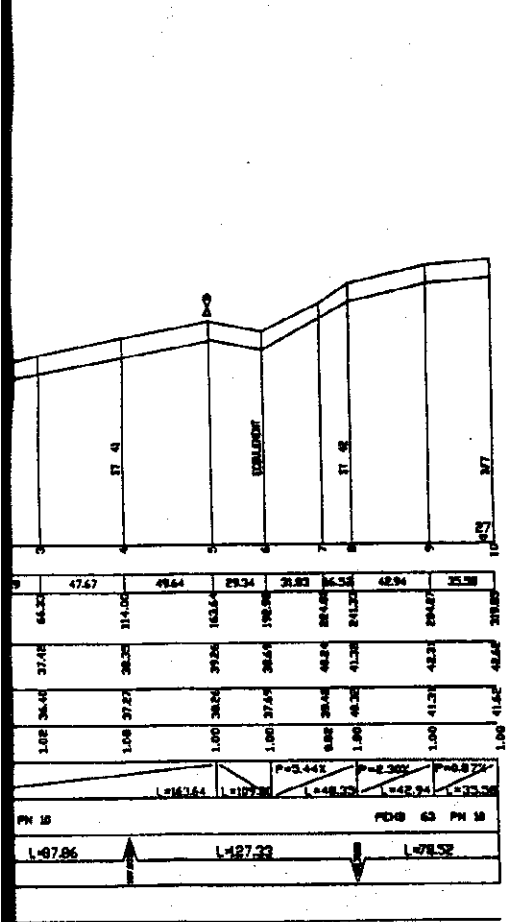
PROFIL 1





LEGENDE DU RESEAU PROFILS

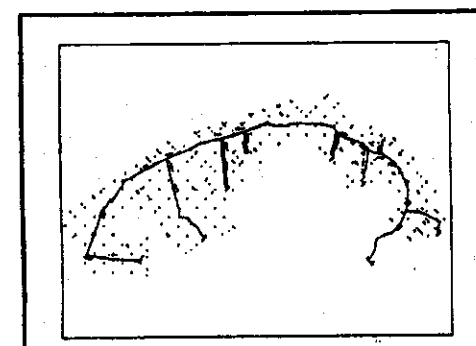
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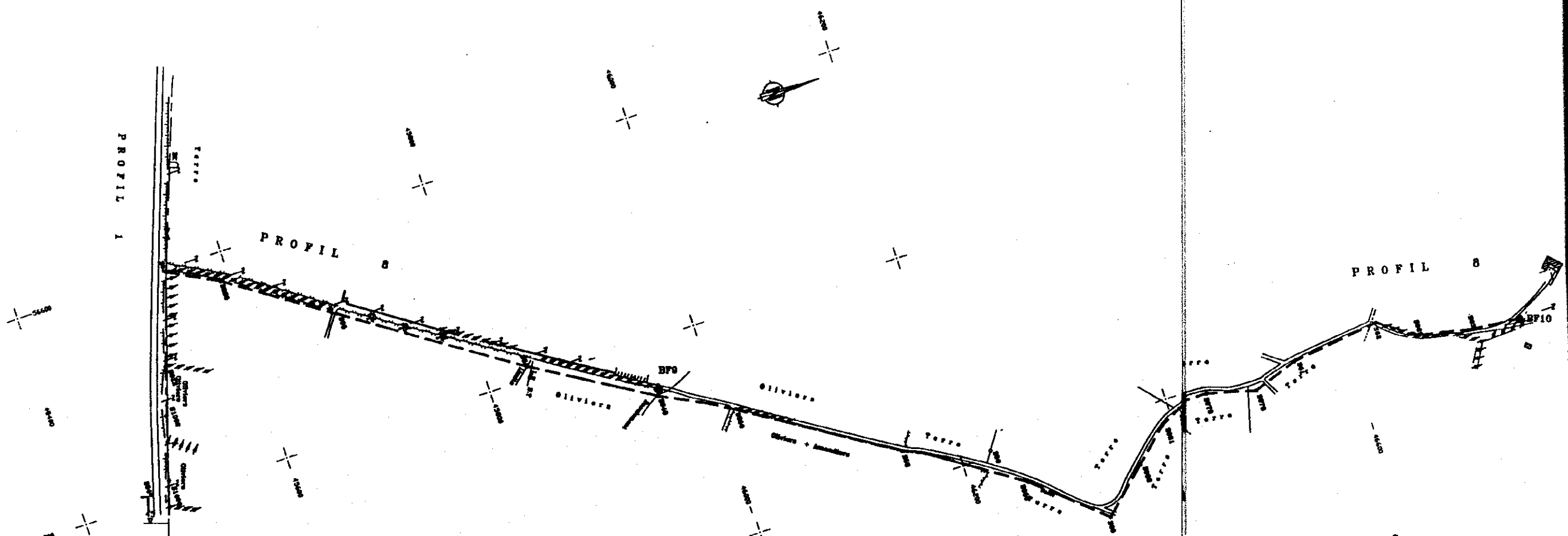
Niv. Pn : 0.00
 Alt. Pn : 746.95
 Ech. Profil : 1/2000
 Ech. Carte : 1/200

PLANS DE COMPARAISON

NUMERO DES PROFILS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
DISTANCES PARTIELLES	39.20	34.34	34.70	47.90	20.20	41.52	12	39.49	31.23	43.26	44.60	48.06	42.97	41.20	29.97	34.61					
DISTANCES CUMULEES	0.00	39.20	73.54	108.24	128.44	170.00	182.00	221.49	252.72	295.98	340.58	388.64	431.61	472.81	502.78	537.39	571.99	606.60	641.20	675.81	710.41
COTES TERRAIN MINIM	37.16	38.25	39.34	40.43	41.52	42.61	43.70	44.79	45.88	46.97	48.06	49.15	50.24	51.33	52.42	53.51	54.60	55.69	56.78	57.87	58.96
COTES PROJET	36.46	37.55	38.64	39.73	40.82	41.91	43.00	44.09	45.18	46.27	47.36	48.45	49.54	50.63	51.72	52.81	53.90	54.99	56.08	57.17	58.26
PENTE	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
RELIEFS MINOR	P=2.45%	P=1.33%	P=1.79%	P=0.15%	P=3.02%	P=2.72%	P=3.67%	P=0.49%													
BAUCHE	PCB 63 PN 10	PCB 63 PN 10	PCB 63 PN 10	PCB 63 PN 10	PCB 63 PN 10	PCB 63 PN 10	PCB 63 PN 10	PCB 63 PN 10	PCB 63 PN 10	PCB 63 PN 10	PCB 63 PN 10	PCB 63 PN 10	PCB 63 PN 10	PCB 63 PN 10	PCB 63 PN 10	PCB 63 PN 10	PCB 63 PN 10	PCB 63 PN 10	PCB 63 PN 10	PCB 63 PN 10	PCB 63 PN 10
ALIMENTATION COURTES	L=97.86	L=127.22	L=78.52																		



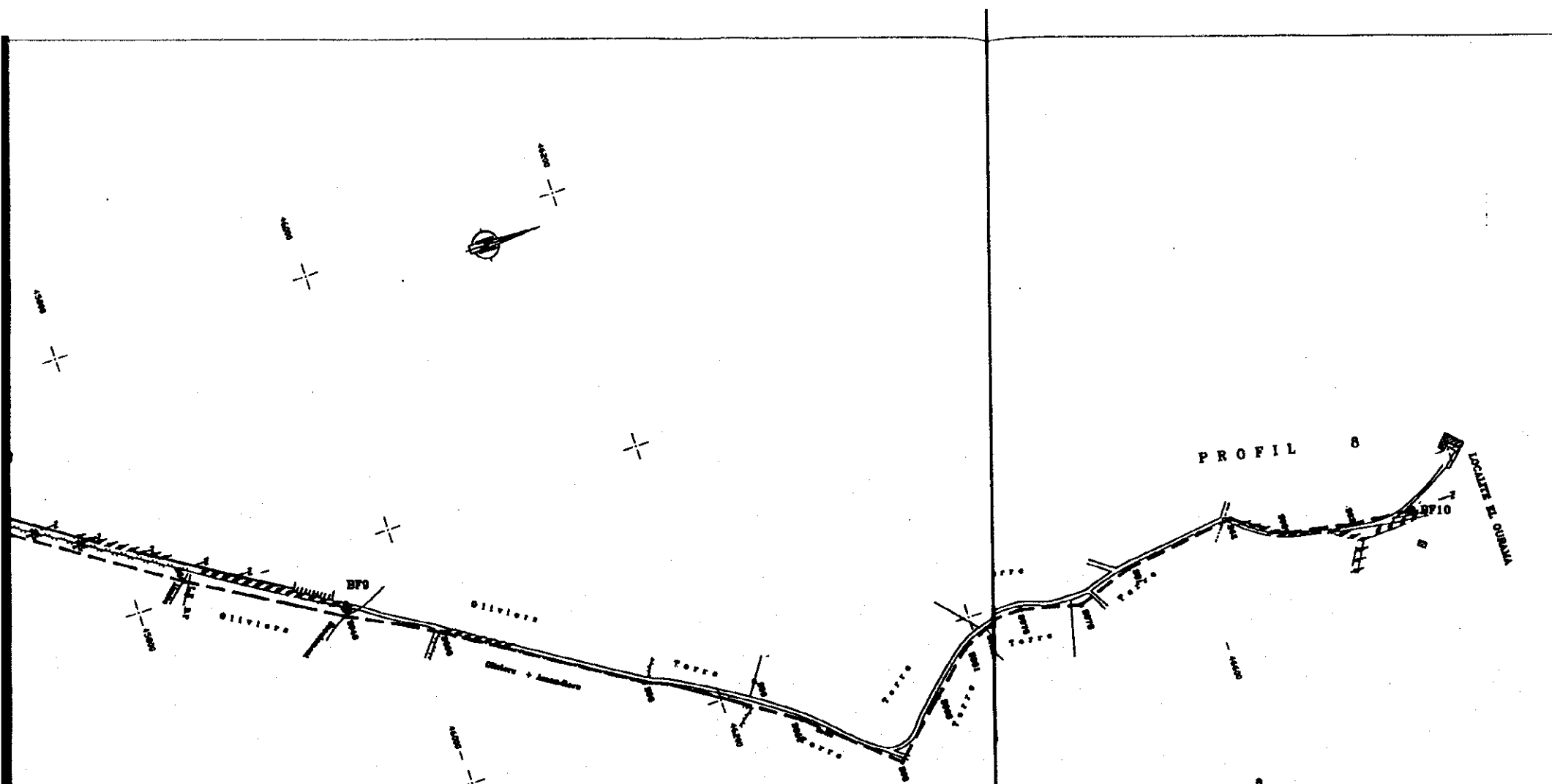
REPUBLIQUE TUNISIENNE
 MINISTERE DE L'AGRICULTURE
 CEDA : RAMAMET
 PLAN N° : F100
 PROJET : BUN BARRIS
 BARRIS : Ben Amur
 ETUDE DE BASE
 ALIMENTATION EN EAU POTABLE
 DES BARRIS BARRIS
 DATE : Juin 2000
 TRACES EN PLAN / PROFILS 5-6-7



Du Pk : 0.00
 Au Pk : 1393.20
 Ech. Abscl. : 1/2000
 Ech. Ortes : 1/200

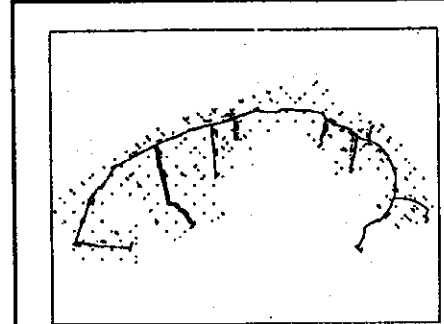
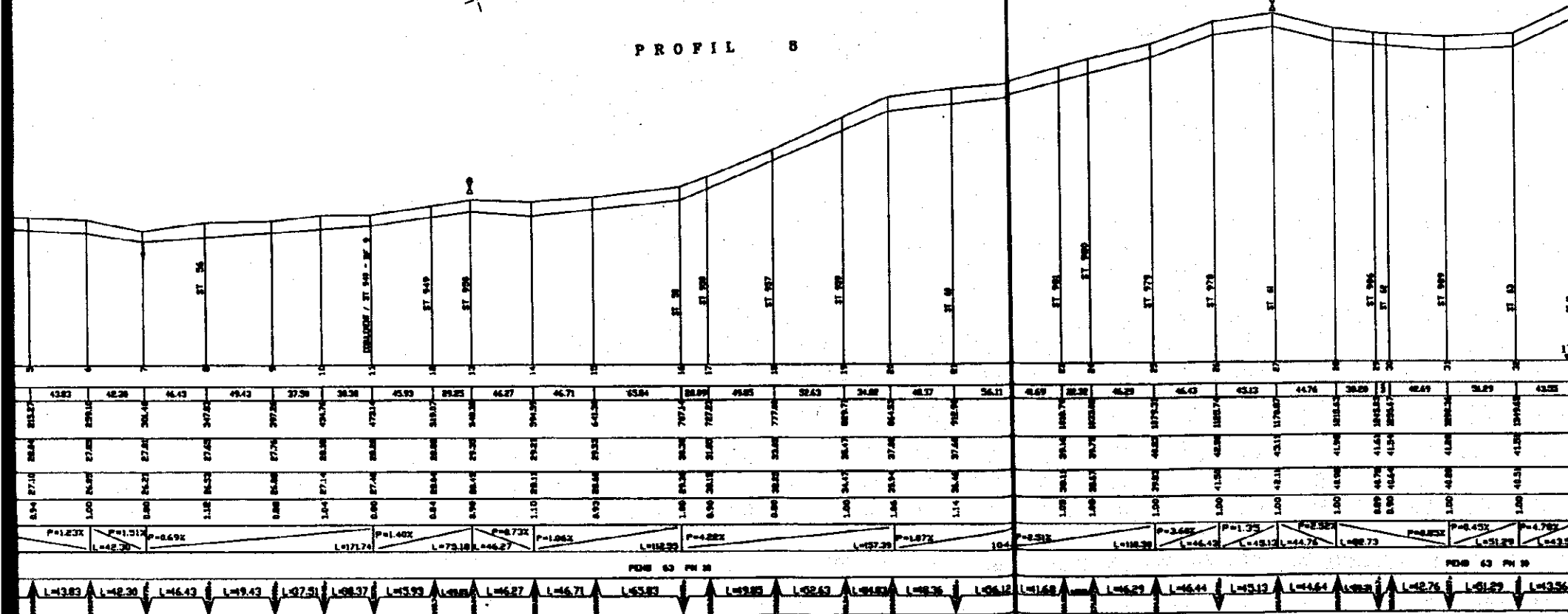
PLANS DE COMPARAISON

INDICÉ DES PROFILS	PROFIL 8																				PROFIL 8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
DISTANCES PARTIELLES	31.56	46.90	68.90	91.00	113.00	135.00	157.00	179.00	201.00	223.00	245.00	267.00	289.00	311.00	333.00	355.00	377.00	399.00	421.00	443.00	465.00	487.00	509.00	531.00	553.00	575.00	597.00	619.00	641.00	663.00	685.00	707.00	729.00	751.00	773.00	795.00	817.00	839.00	861.00	883.00	905.00	927.00	949.00	971.00	993.00	1015.00	1037.00	1059.00	1081.00	1103.00	1125.00	1147.00	1169.00	1191.00	1213.00	1235.00	1257.00	1279.00	1301.00	1323.00	1345.00	1367.00	1389.00	1411.00	1433.00	1455.00	1477.00	1499.00	1521.00	1543.00	1565.00	1587.00	1609.00	1631.00	1653.00	1675.00	1697.00	1719.00	1741.00	1763.00	1785.00	1807.00	1829.00	1851.00	1873.00	1895.00	1917.00	1939.00	1961.00	1983.00	2005.00	2027.00	2049.00	2071.00	2093.00	2115.00	2137.00	2159.00	2181.00	2203.00	2225.00	2247.00	2269.00	2291.00	2313.00	2335.00	2357.00	2379.00	2401.00	2423.00	2445.00	2467.00	2489.00	2511.00	2533.00	2555.00	2577.00	2599.00	2621.00	2643.00	2665.00	2687.00	2709.00	2731.00	2753.00	2775.00	2797.00	2819.00	2841.00	2863.00	2885.00	2907.00	2929.00	2951.00	2973.00	2995.00	3017.00	3039.00	3061.00	3083.00	3105.00	3127.00	3149.00	3171.00	3193.00	3215.00	3237.00	3259.00	3281.00	3303.00	3325.00	3347.00	3369.00	3391.00	3413.00	3435.00	3457.00	3479.00	3501.00	3523.00	3545.00	3567.00	3589.00	3611.00	3633.00	3655.00	3677.00	3699.00	3721.00	3743.00	3765.00	3787.00	3809.00	3831.00	3853.00	3875.00	3897.00	3919.00	3941.00	3963.00	3985.00	4007.00	4029.00	4051.00	4073.00	4095.00	4117.00	4139.00	4161.00	4183.00	4205.00	4227.00	4249.00	4271.00	4293.00	4315.00	4337.00	4359.00	4381.00	4403.00	4425.00	4447.00	4469.00	4491.00	4513.00	4535.00	4557.00	4579.00	4601.00	4623.00	4645.00	4667.00	4689.00	4711.00	4733.00	4755.00	4777.00	4799.00	4821.00	4843.00	4865.00	4887.00	4909.00	4931.00	4953.00	4975.00	4997.00	5019.00	5041.00	5063.00	5085.00	5107.00	5129.00	5151.00	5173.00	5195.00	5217.00	5239.00	5261.00	5283.00	5305.00	5327.00	5349.00	5371.00	5393.00	5415.00	5437.00	5459.00	5481.00	5503.00	5525.00	5547.00	5569.00	5591.00	5613.00	5635.00	5657.00	5679.00	5701.00	5723.00	5745.00	5767.00	5789.00	5811.00	5833.00	5855.00	5877.00	5899.00	5921.00	5943.00	5965.00	5987.00	6009.00	6031.00	6053.00	6075.00	6097.00	6119.00	6141.00	6163.00	6185.00	6207.00	6229.00	6251.00	6273.00	6295.00	6317.00	6339.00	6361.00	6383.00	6405.00	6427.00	6449.00	6471.00	6493.00	6515.00	6537.00	6559.00	6581.00	6603.00	6625.00	6647.00	6669.00	6691.00	6713.00	6735.00	6757.00	6779.00	6801.00	6823.00	6845.00	6867.00	6889.00	6911.00	6933.00	6955.00	6977.00	6999.00	7021.00	7043.00	7065.00	7087.00	7109.00	7131.00	7153.00	7175.00	7197.00	7219.00	7241.00	7263.00	7285.00	7307.00	7329.00	7351.00	7373.00	7395.00	7417.00	7439.00	7461.00	7483.00	7505.00	7527.00	7549.00	7571.00	7593.00	7615.00	7637.00	7659.00	7681.00	7703.00	7725.00	7747.00	7769.00	7791.00	7813.00	7835.00	7857.00	7879.00	7901.00	7923.00	7945.00	7967.00	7989.00	8011.00	8033.00	8055.00	8077.00	8099.00	8121.00	8143.00	8165.00	8187.00	8209.00	8231.00	8253.00	8275.00	8297.00	8319.00	8341.00	8363.00	8385.00	8407.00	8429.00	8451.00	8473.00	8495.00	8517.00	8539.00	8561.00	8583.00	8605.00	8627.00	8649.00	8671.00	8693.00	8715.00	8737.00	8759.00	8781.00	8803.00	8825.00	8847.00	8869.00	8891.00	8913.00	8935.00	8957.00	8979.00	9001.00	9023.00	9045.00	9067.00	9089.00	9111.00	9133.00	9155.00	9177.00	9199.00	9221.00	9243.00	9265.00	9287.00	9309.00	9331.00	9353.00	9375.00	9397.00	9419.00	9441.00	9463.00	9485.00	9507.00	9529.00	9551.00	9573.00	9595.00	9617.00	9639.00	9661.00	9683.00	9705.00	9727.00	9749.00	9771.00	9793.00	9815.00	9837.00	9859.00	9881.00	9903.00	9925.00	9947.00	9969.00	9991.00	10013.00	10035.00	10057.00	10079.00	10101.00	10123.00	10145.00	10167.00	10189.00	10211.00	10233.00	10255.00	10277.00	10299.00	10321.00	10343.00	10365.00	10387.00	10409.00	10431.00	10453.00	10475.00	10497.00	10519.00	10541.00	10563.00	10585.00	10607.00	10629.00	10651.00	10673.00	10695.00	10717.00	10739.00	10761.00	10783.00	10805.00	10827.00	10849.00	10871.00	10893.00	10915.00	10937.00	10959.00	10981.00	11003.00	11025.00	11047.00	11069.00	11091.00	11113.00	11135.00	11157.00	11179.00	11201.00	11223.00	11245.00	11267.00	11289.00	11311.00	11333.00	11355.00	11377.00	11399.00	11421.00	11443.00	11465.00	11487.00	11509.00	11531.00	11553.00	11575.00	11597.00	11619.00	11641.00	11663.00	11685.00	11707.00	11729.00	11751.00	11773.00	11795.00	11817.00	11839.00	11861.00	11883.00	11905.00	11927.00	11949.00	11971.00	11993.00	12015.00	12037.00	12059.00	12081.00	12103.00	12125.00	12147.00	12169.00	12191.00	12213.00	12235.00	12257.00	12279.00	12301.00	12323.00	12345.00	12367.00	12389.00	12411.00	12433.00	12455.00	12477.00	12499.00	12521.00	12543.00	12565.00	12587.00	12609.00	12631.00	12653.00	12675.00	12697.00	12719.00	12741.00	12763.00	12785.00	12807.00	12829.00	12851.00	12873.00	12895.00	12917.00	12939.00	12961.00	12983.00	13005.00	13027.00	13049.00	13071.00	13093.00	13115.00	13137.00	13159.00	13181.00	13203.00	13225.00	13247.00	13269.00	13291.00	13313.00	13335.00	13357.00	13379.00	13401.00	13423.00	13445.00	13467.00	13489.00	13511.00	13533.00	13555.00	13577.00	13599.00	13621.00	13643.00	13665.00	13687.00	13709.00	13731.00	13753.00	13775.00	13797.00	13819.00	13841.00	13863.00	13885.00	13907.00	13929.00	13951.00	13973.00	13995.00	14017.00	14039.00	14061.00	14083.00	14105.00	14127.00	14149.00	14171.00	14193.00	14215.00	14237.00	14259.00	14281.00	14303.00	14325.00	14347.00	14369.00	14391.00	14413.00	14435.00	14457.00	14479.00	14501.00	14523.00	14545.00	14567.00	14589.00	14611.00	14633.00	14655.00	14677.00	14699.00	14721.00	14743.00	14765.00	14787.00	14809.00	14831.00	14853.00	14875.00	14897.00	14919.00	14941.00	14963.00	14985.00	15007.00	15029.00	15051.00	15073.00	15095.00	15117.00	15139.00	15161.00	15183.00	15205.00	15227.00	15249.00	15271.00	15293.00	15315.00	15337.00	15359.00	15381.00	15403.00	15425.00	15447.00	15469.00	15491.00	15513.00	15535.00	15557.00	15579.00	15601.00	15623.00	15645.00	15667.00	15689.00	15711.00	15733.00	15755.00	15777.00	15799.00	15821.00	15843.00	15865.00	15887.00	15909.00	15931.00	15953.00	15975.00	15997.00	16019.00	16041.00	16063.00	16085.00	16107.00	16129.00	16151.00	16173.00	16195.00	16217.00	16239.00	16261.00	16283.00	16305.00	16327.00	16349.00	16371.00	16393.00	16415.00	16437.00	16459.00	16481.00	16503.00	16525.00	16547.00	16569.00	16591.00	16613.00	16635.00	16657.00	16679.00	16701.00	16723.00	16745.00	16767.00	16789.00	16811.00	16833.00	16855.00	16877.00	16899.00	16921.00	16943.00	16965.00	16987.00	17009.00	17031.00	17053.00	17075.00	17097.00	17119.00	17141.00	17163.00	17185.00	17207.00	17229.00	17251.00	17273.00	17295.00	17317.00	17339.00	17361.00	17383.00	17405.00	17427.00	17449.00	17471.00	17493.00	17515.00	17537.00	17559.00	17581.00	17603.00	17625.00	17647.00	17669.00	17691.00	17713.00	17735.00	17757.00	17779.00	17801.00	17823.00	17845.00	17867.00	17889.00	17911.00	17933.00	17955.00	17977.00	17999.00	18021.00	18043.00	18065.00	18087.00	18109.00	18131.00	18153.00	18175.00	18197.00	18219.00	18241.00	18263.00	18285.00	18307.00	18329.00	18351.00	18373.00	18395.00	18417.00	18439.00	18461.00	18483.00	18505.00	18527.0



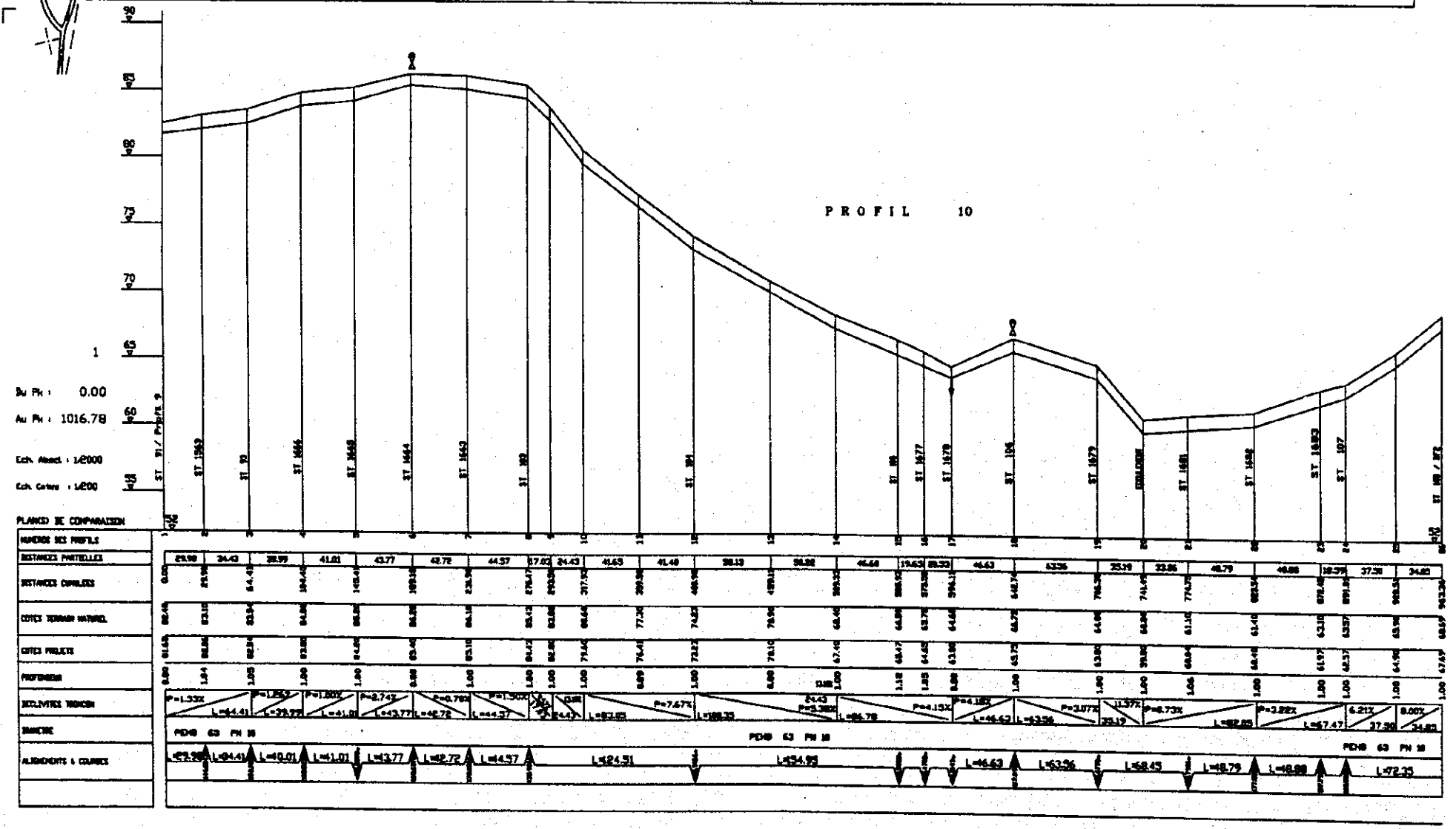
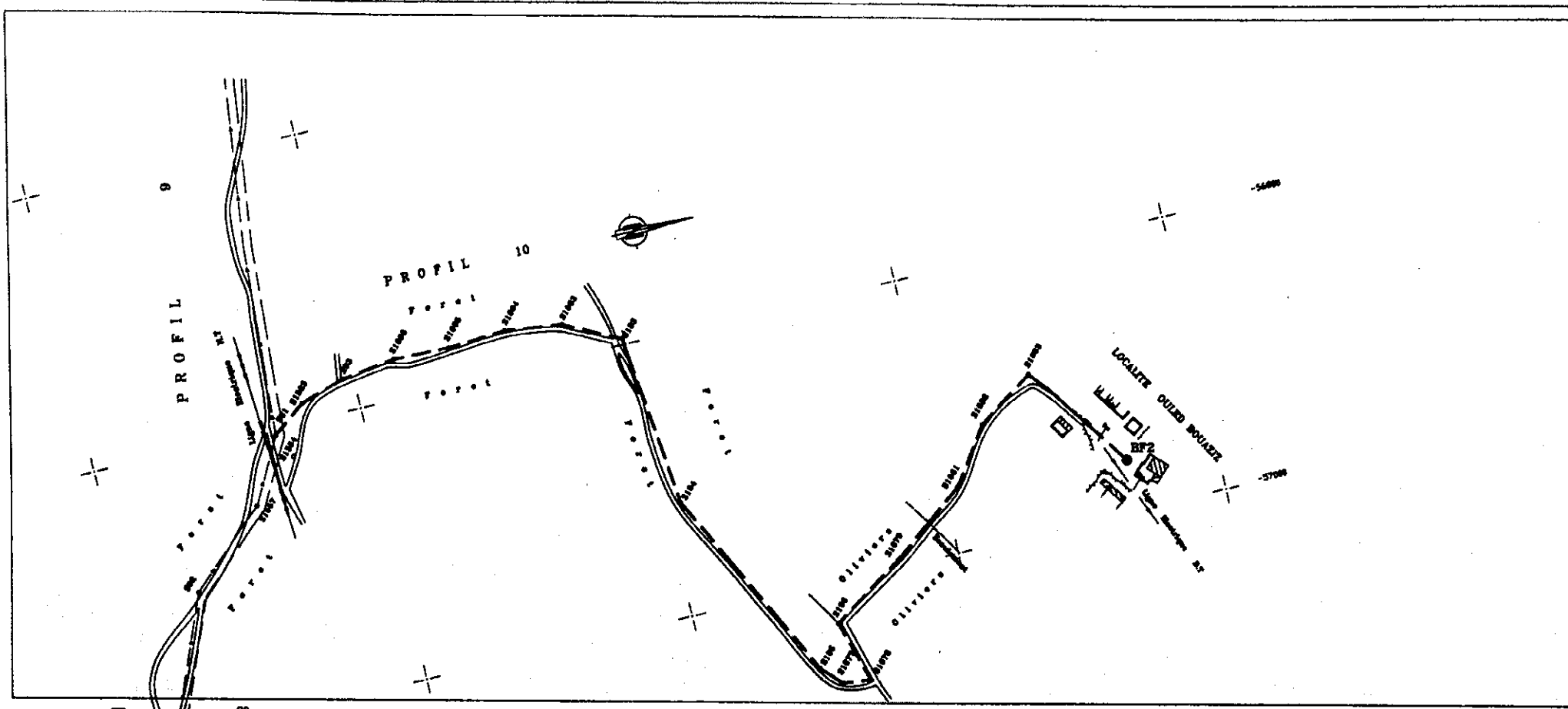
LEGENDE DU RESEAU PROJETE

Point d'eau existant	Point d'eau projeté
Station existante	Station projetée
Station de pompage	Station de pompage projetée
Station de distribution	Station de distribution projetée
Station de traitement	Station de traitement projetée
Station de stockage	Station de stockage projetée
Station de mesure	Station de mesure projetée
Station de régulation	Station de régulation projetée
Station de contrôle	Station de contrôle projetée
Station de surveillance	Station de surveillance projetée
Station de maintenance	Station de maintenance projetée
Station de réparation	Station de réparation projetée
Station de remplacement	Station de remplacement projetée
Station de nettoyage	Station de nettoyage projetée
Station de désinfection	Station de désinfection projetée
Station de déodorisation	Station de déodorisation projetée
Station de coloration	Station de coloration projetée
Station de précipitation	Station de précipitation projetée
Station de filtration	Station de filtration projetée
Station de clarification	Station de clarification projetée
Station de coagulation	Station de coagulation projetée
Station de floculation	Station de floculation projetée
Station de décantation	Station de décantation projetée
Station de flottation	Station de flottation projetée
Station de séchage	Station de séchage projetée
Station de stockage	Station de stockage projetée
Station de distribution	Station de distribution projetée
Station de pompage	Station de pompage projetée
Station de mesure	Station de mesure projetée
Station de régulation	Station de régulation projetée
Station de contrôle	Station de contrôle projetée
Station de surveillance	Station de surveillance projetée
Station de maintenance	Station de maintenance projetée
Station de réparation	Station de réparation projetée
Station de remplacement	Station de remplacement projetée
Station de nettoyage	Station de nettoyage projetée
Station de désinfection	Station de désinfection projetée
Station de déodorisation	Station de déodorisation projetée
Station de coloration	Station de coloration projetée
Station de précipitation	Station de précipitation projetée
Station de filtration	Station de filtration projetée
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REPUBLIQUE TUNISIENNE
 MINISTERE DE L'AGRICULTURE
 CRDA : BAHMAMET

PLAN N° : PL004	PROJET : BAH MAMMET
DESSINE : Ben Amor	ETUDE DE BASE
CONTROLE : KHALIL	ALIMENTATION EN EAU POTABLE
ECHELLE : 1/2000	DES ZONES RURALES
DATE : Août 2000	TRACE EN PLAN / PROFIL 8



N.º P.V. : 0.00
 A.º P.V. : 1016.78
 Ech. Horiz. : 1:2000
 Ech. Vert. : 1:200

PLANS DE COMPARAISON

NUMERO DES PROFILS	PROFIL 10																									
DISTANCES PARTIELLES	0+00	0+24.43	0+28.99	0+41.01	0+43.77	0+47.78	0+44.57	0+57.02	0+44.43	0+46.63	0+48.48	0+58.13	0+58.82	0+44.68	0+59.63	0+53.30	0+46.43	0+43.26	0+25.19	0+22.86	0+48.79	0+48.88	0+38.38	0+37.38	0+44.81	
DISTANCES COMPLETES	0+00	24.43	53.42	94.43	138.20	186.00	230.57	287.59	332.02	375.65	417.13	456.26	493.08	527.76	560.39	590.69	618.12	642.86	665.05	684.84	713.63	732.51	751.39	770.27	789.15	
COTES TERRAIN NATUREL	88.44	82.10	82.34	84.86	88.86	84.26	84.16	84.16	84.16	84.16	84.16	84.16	84.16	84.16	84.16	84.16	84.16	84.16	84.16	84.16	84.16	84.16	84.16	84.16	84.16	
COTES PROJET	88.44	88.86	88.86	88.86	88.86	88.86	88.86	88.86	88.86	88.86	88.86	88.86	88.86	88.86	88.86	88.86	88.86	88.86	88.86	88.86	88.86	88.86	88.86	88.86	88.86	
PROFONDITE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
DECLIVITES MINIMUM	P=-1.33%	L=44.41	P=-1.25%	L=29.77	P=-1.20%	L=61.01	P=-2.74%	L=43.77	P=-0.70%	L=46.72	P=-0.47%	L=44.57	P=-0.47%	L=44.57	P=-0.47%	L=44.57	P=-0.47%	L=44.57	P=-0.47%	L=44.57	P=-0.47%	L=44.57	P=-0.47%	L=44.57	P=-0.47%	L=44.57
REMARQUE	POND 63 PN 18																									
ALIGNEMENTS A COURBER	L=23.98 L=24.41 L=40.01 L=41.01 L=43.77 L=46.72 L=44.57 L=24.51 L=44.95 L=46.43 L=63.56 L=68.43 L=48.79 L=48.88 L=72.35																									

