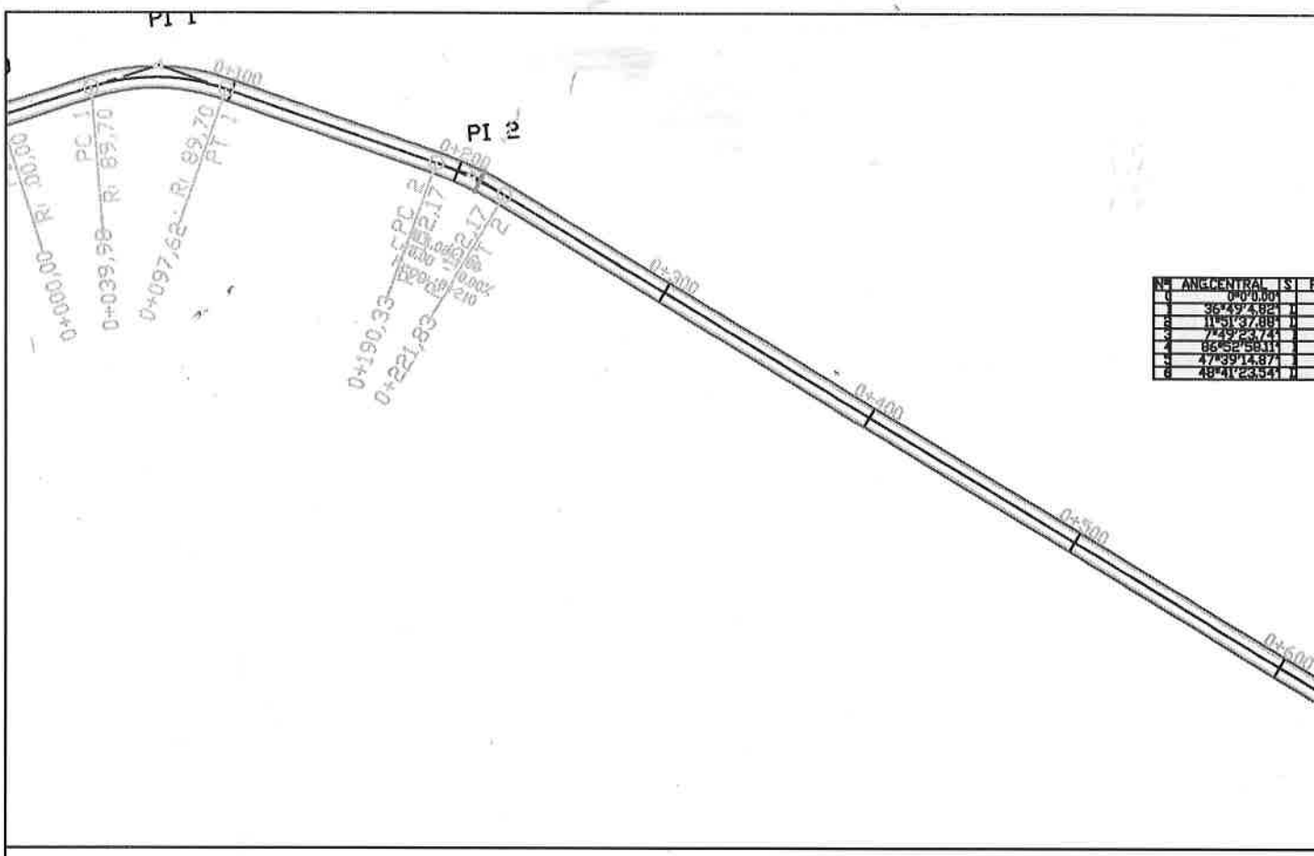
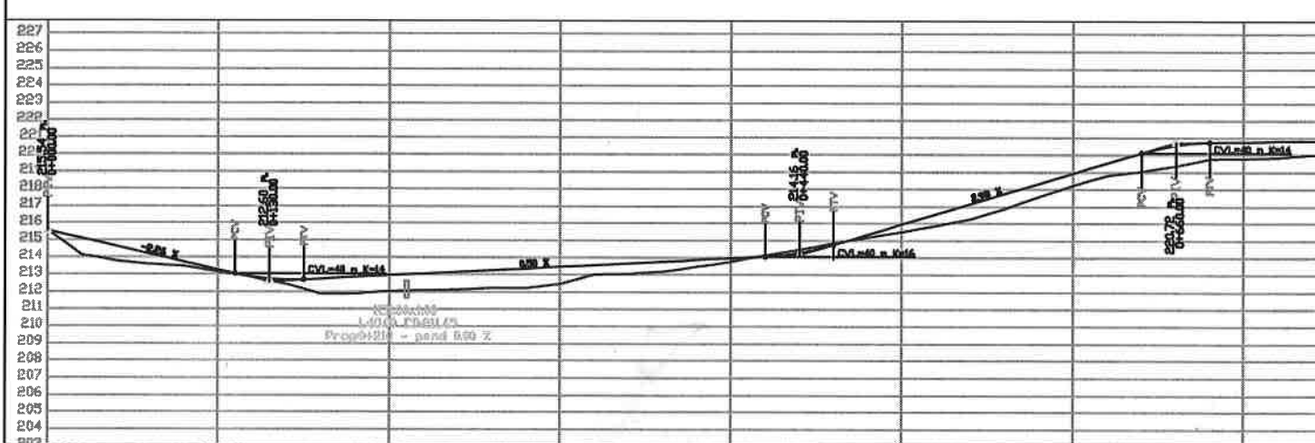


Nº	ANG.CENTRAL	S	F
0	0°0'0,00		
1	36°49'4,82	D	
2	11°51'37,88	D	
3	7°49'23,74	I	
4	86°52'58,11	I	
5	47°39'14,87	I	
6	48°41'23,54	D	



CARAGUATAY S.A.

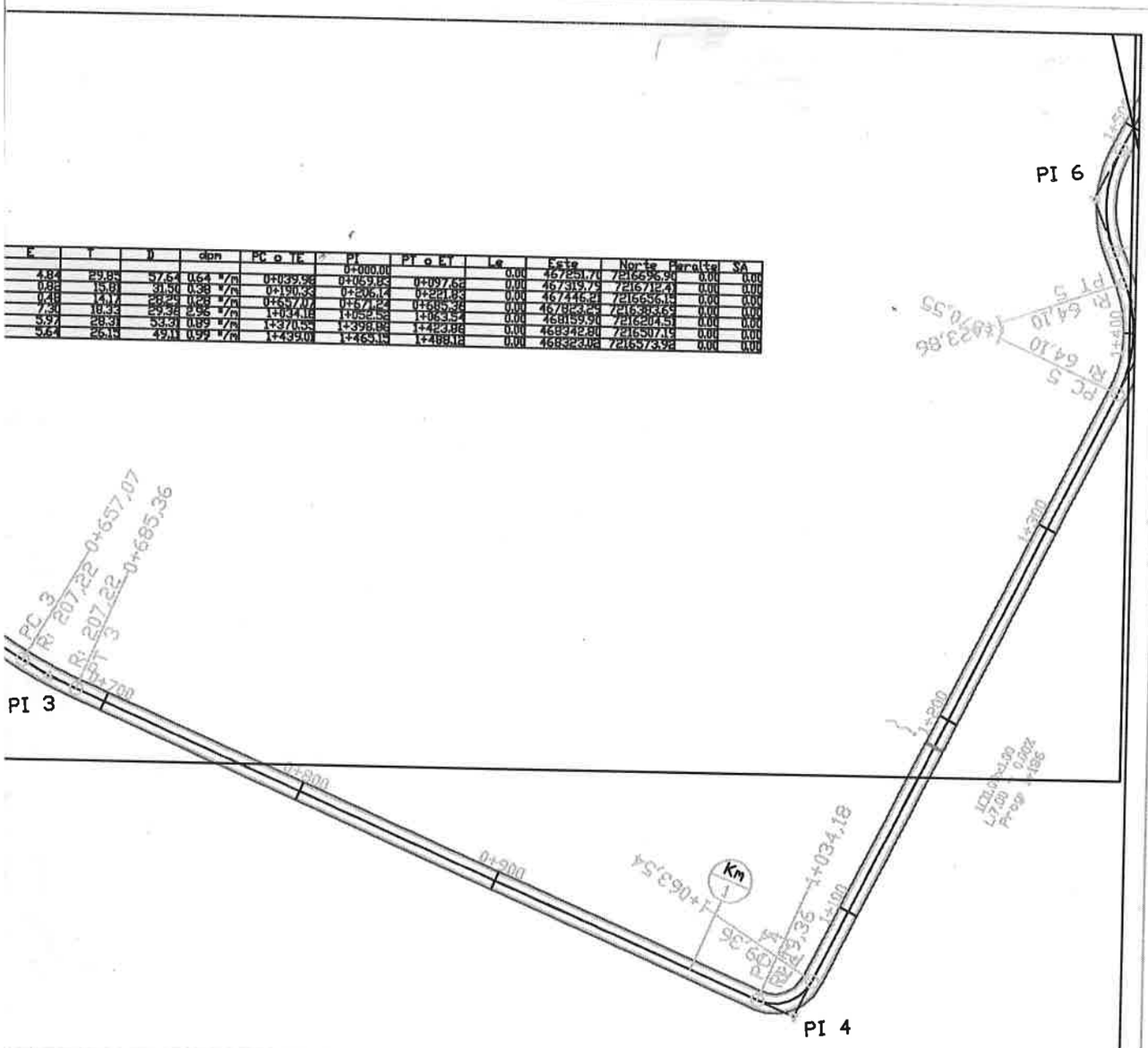
LEYENDAS

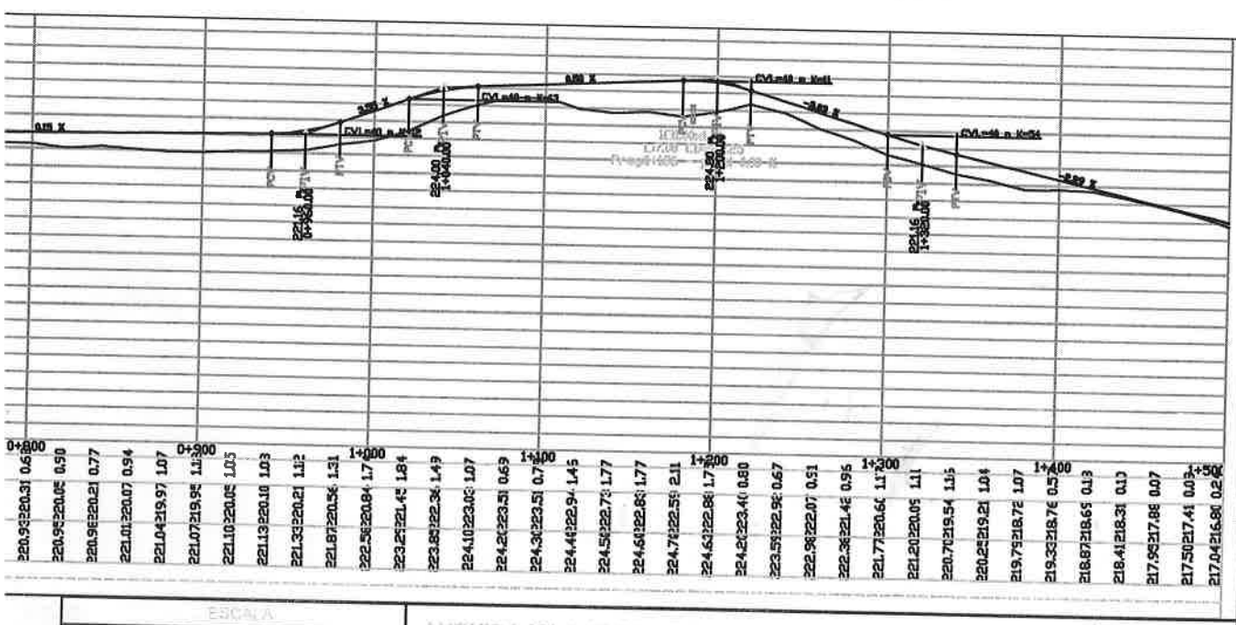
- Rasante Actual
- Rasante Proyectado
- Terreno Natural al Pie del Talud
- Pie de Talud Proyectado

REPÚBLICA DEL PARAGUAY
MINISTERIO DE OBRAS PÚBLICAS
Y COMUNICACIONES

7
(Siete)

E	T	D	dpm	PC o TE	PI	PT o ET	Le	Este	Norte	Peralte	SA
4.84	29.85	57.64	0.64 °/m	0+039.96	0+000.00	0+097.60	0.00	467251.70	7216596.90	0.00	0.00
0.88	15.81	31.50	0.38 °/m	0+190.33	0+059.83	0+221.83	0.00	467319.79	7216712.41	0.00	0.00
0.48	14.07	28.29	0.28 °/m	0+657.07	0+206.14	0+685.36	0.00	467446.21	7216656.15	0.00	0.00
7.30	18.93	29.38	2.96 °/m	1+034.18	0+671.24	1+063.54	0.00	467842.95	7216383.62	0.00	0.00
5.97	28.31	53.91	0.89 °/m	1+370.55	1+052.52	1+423.86	0.00	468159.90	7216204.51	0.00	0.00
5.64	26.15	49.11	0.99 °/m	1+439.00	1+398.86	1+488.18	0.00	468944.80	7216507.19	0.00	0.00
					1+469.15		0.00	468923.08	7216573.92	0.00	0.00





ESCALA

AVENIDA ISLA ALTA - CONSTRUCCION DE PAVIMENTO TIPO EMPEDRADO

LOTE 3

PLANIALTIMETRIA

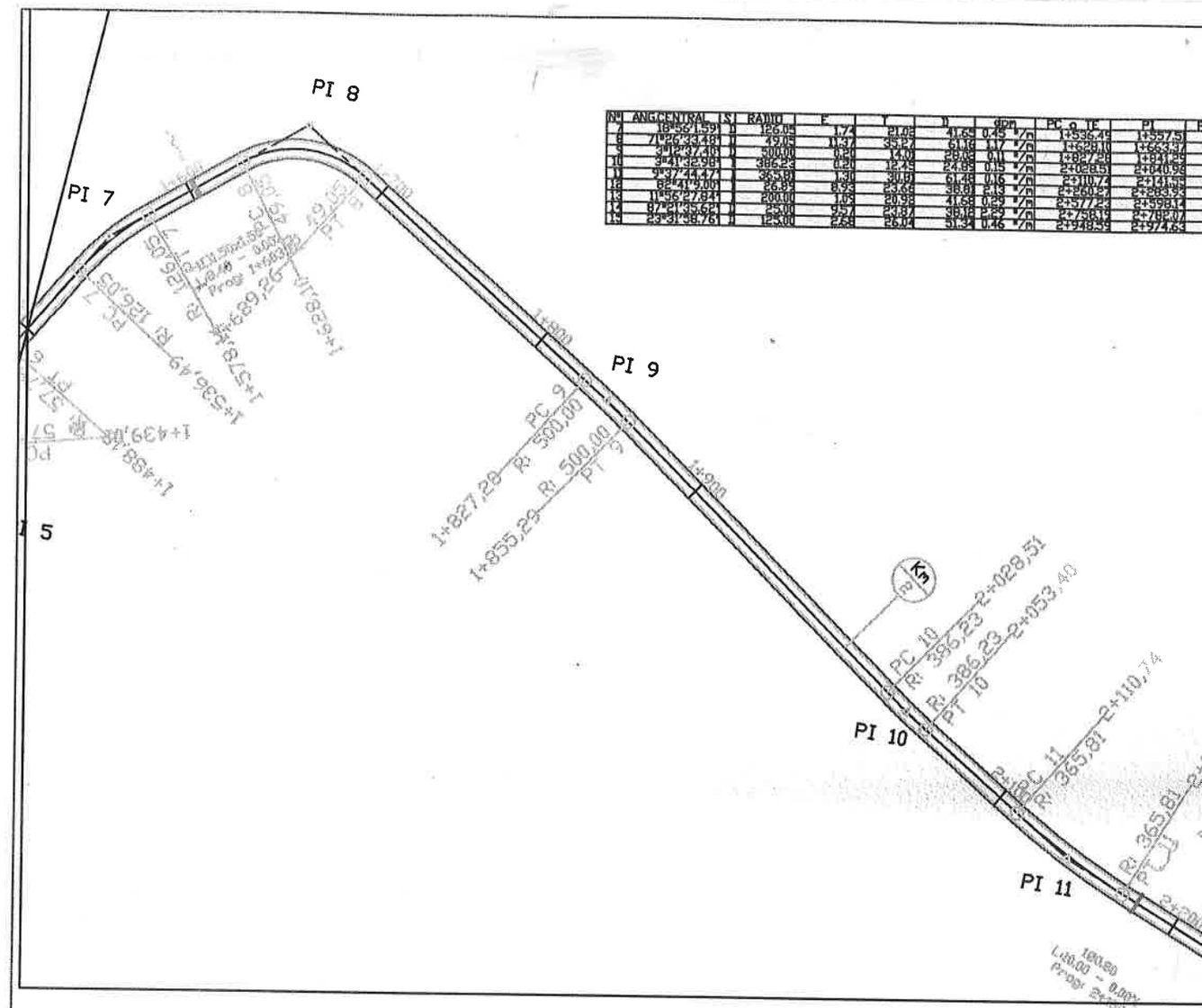
Tramo 0+000 - 1+500

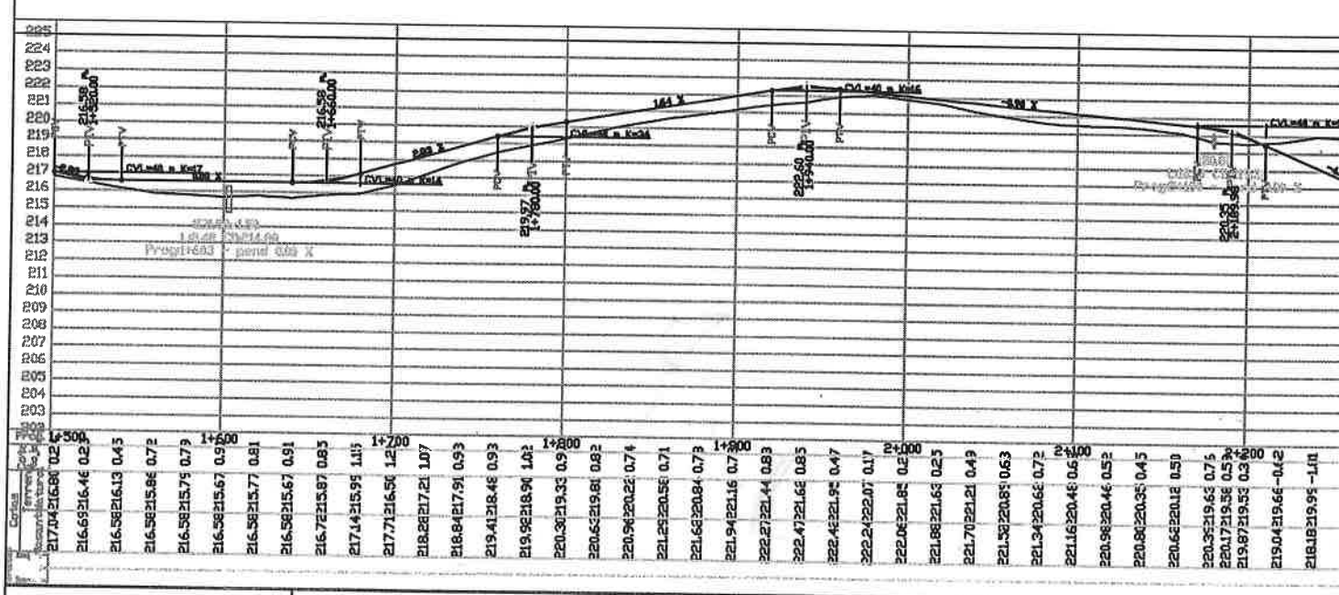
CARAGUATAY S.A.

RUBÉN CARDOZO FARIÑA
Representante Legal

LAMINA No.

Nº	ANG.CENTRAL	S	RADIO	E	T	D	gpm	PC o TE	PI	E
7	18°56'15"	D	125.05	1.74	21.03	41.65	0.45 °/m	1+536.45	1+557.5	
8	71°26'33.48"	D	49.05	11.37	35.27	61.16	1.17 °/m	1+628.10	1+663.37	
9	34°12'47.41"	D	500.00	0.90	14.00	28.02	0.11 °/m	1+867.28	1+881.29	
10	9°41'32.98"	D	386.23	0.20	12.45	24.89	0.15 °/m	2+028.51	2+040.96	
11	9°37'44.47"	D	365.81	1.30	30.81	61.48	0.16 °/m	2+110.74	2+141.55	
12	8°41'9.00"	D	26.92	0.93	23.69	38.91	2.13 °/m	2+260.27	2+283.93	
13	11°56'27.84"	D	200.00	1.85	20.98	41.68	0.29 °/m	2+577.23	2+599.14	
14	87°51'35.62"	D	25.00	9.57	24.84	38.18	2.29 °/m	2+755.13	2+780.07	
15	23°31'48.76"	D	125.00	2.58	26.04	51.34	0.46 °/m	2+948.59	2+974.63	



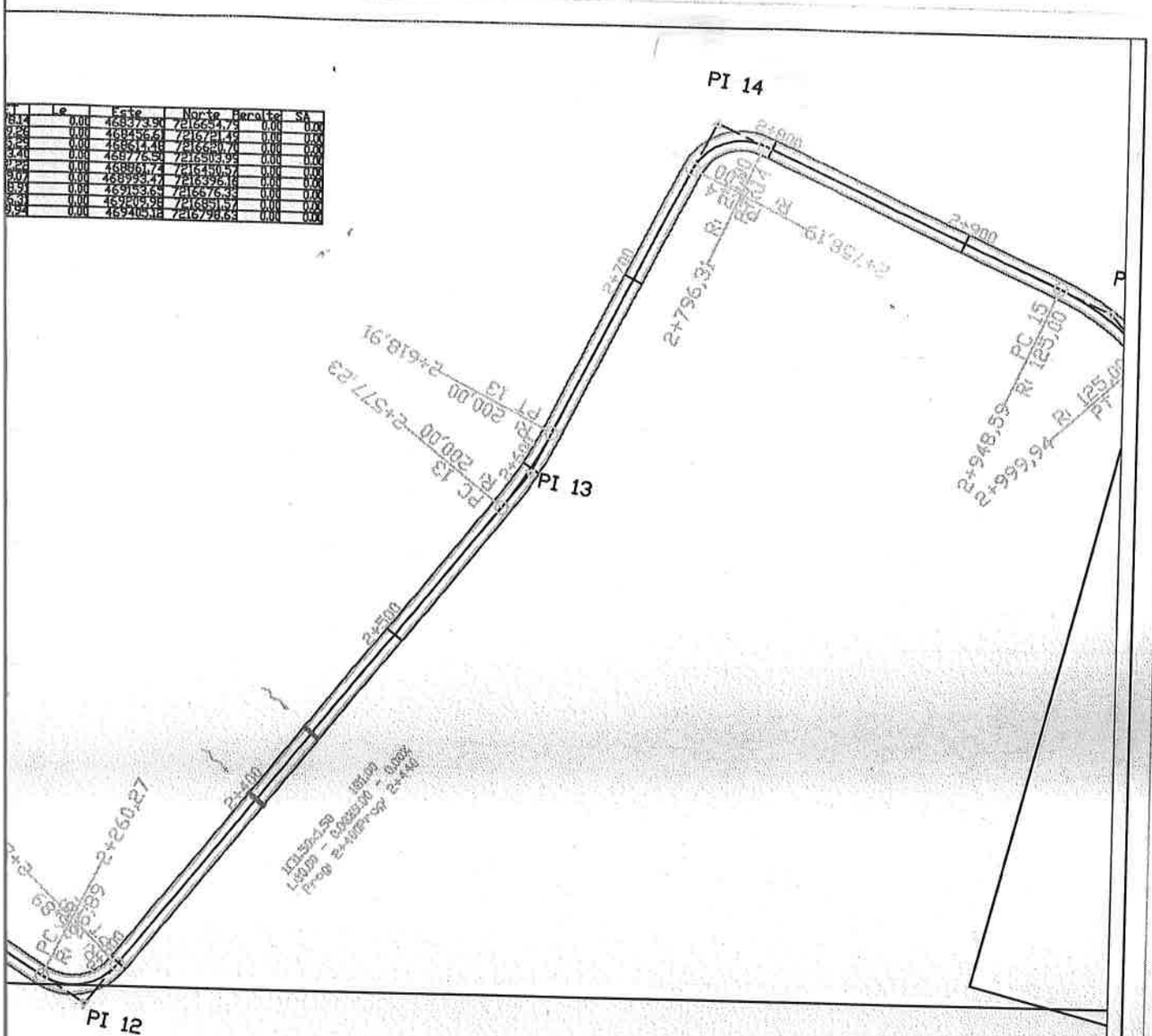


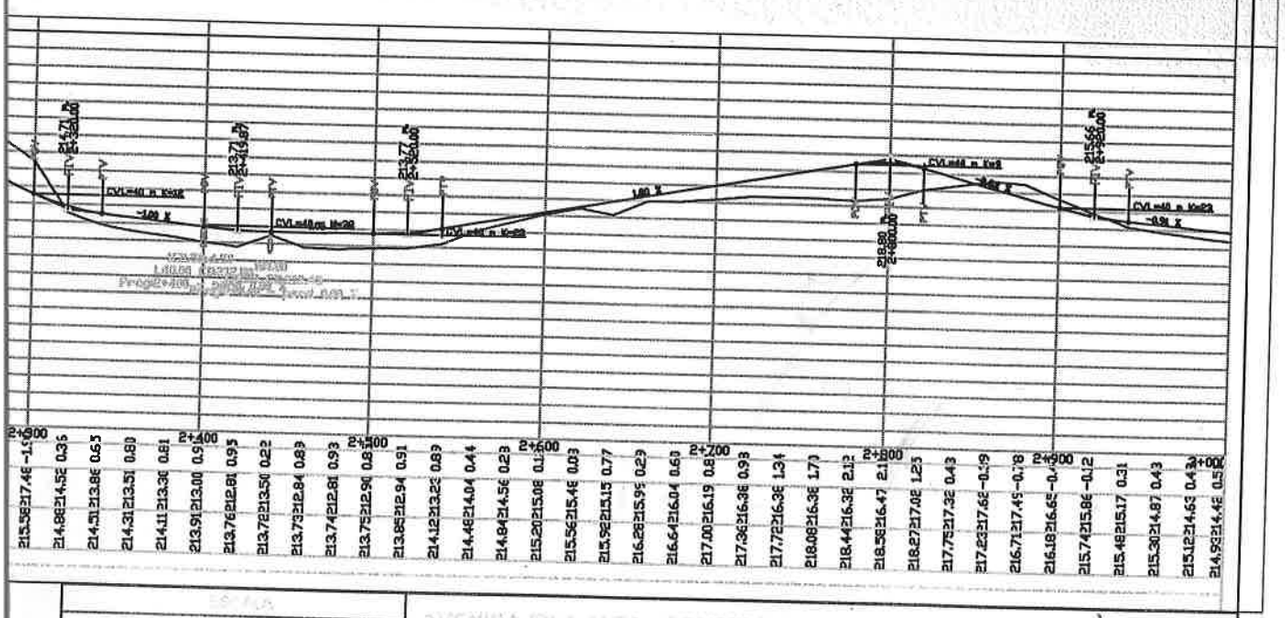
CARAGUATAY S.A.

REPUBLICA DEL PARAGUAY
MINISTERIO DE OBRAS PUBLICAS
Y COMUNICACIONES

6
(seis)

	Le	Este	Norte	Peralte	SA
6,14	0,00	468373,90	7216684,79	0,00	0,00
9,28	0,00	468456,61	7216721,49	0,00	0,00
5,55	0,00	468621,48	7216820,70	0,00	0,00
3,40	0,00	468776,55	7216503,99	0,00	0,00
7,28	0,00	468861,74	7216450,57	0,00	0,00
9,07	0,00	468959,47	7216396,16	0,00	0,00
8,91	0,00	469133,64	7216676,33	0,00	0,00
6,81	0,00	469205,98	7216851,57	0,00	0,00
7,94	0,00	469405,18	7216798,63	0,00	0,00





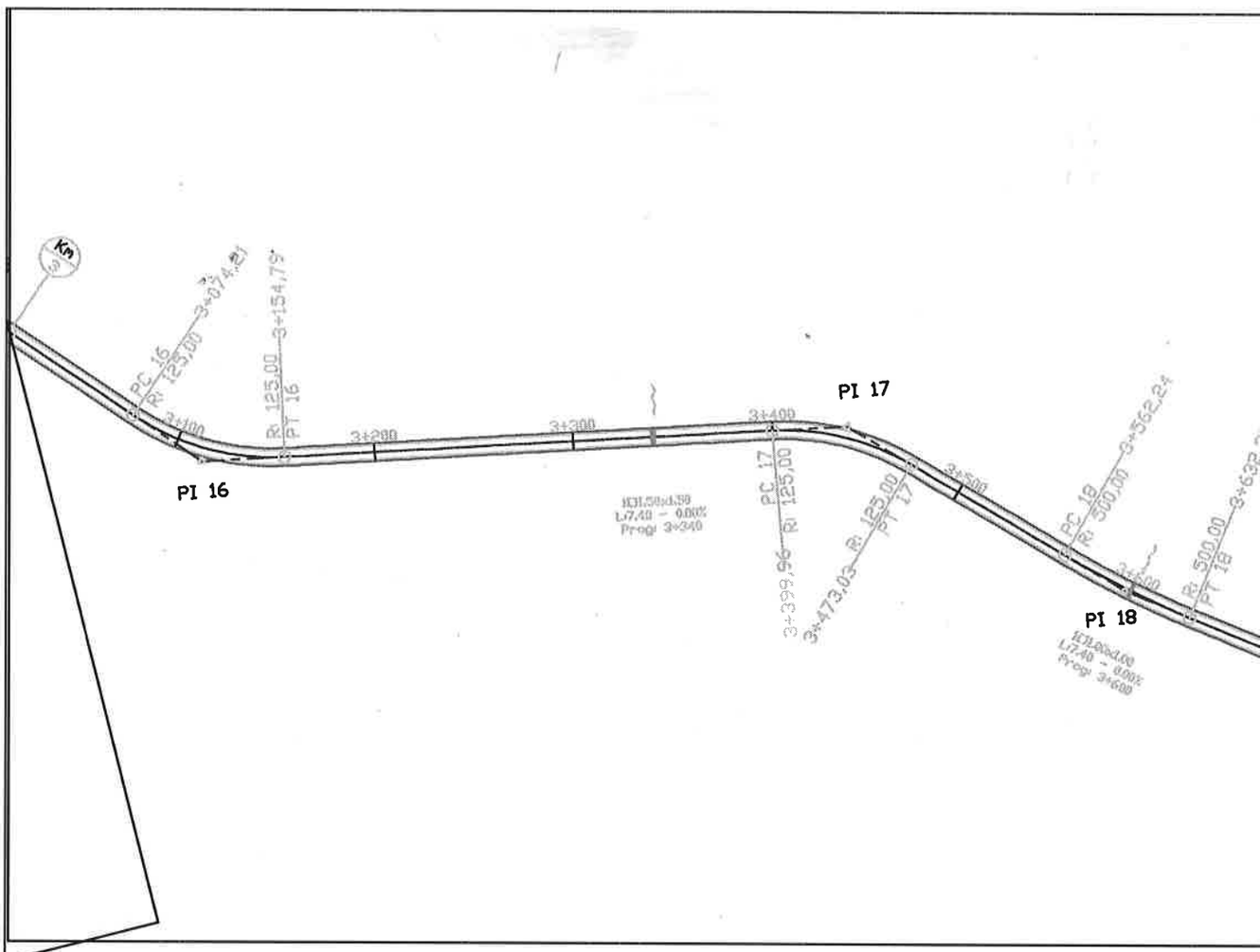
AVENIDA ISLA ALTA - CONSTRUCCION DE PAVIMENTO TIPO EMPEDRADO

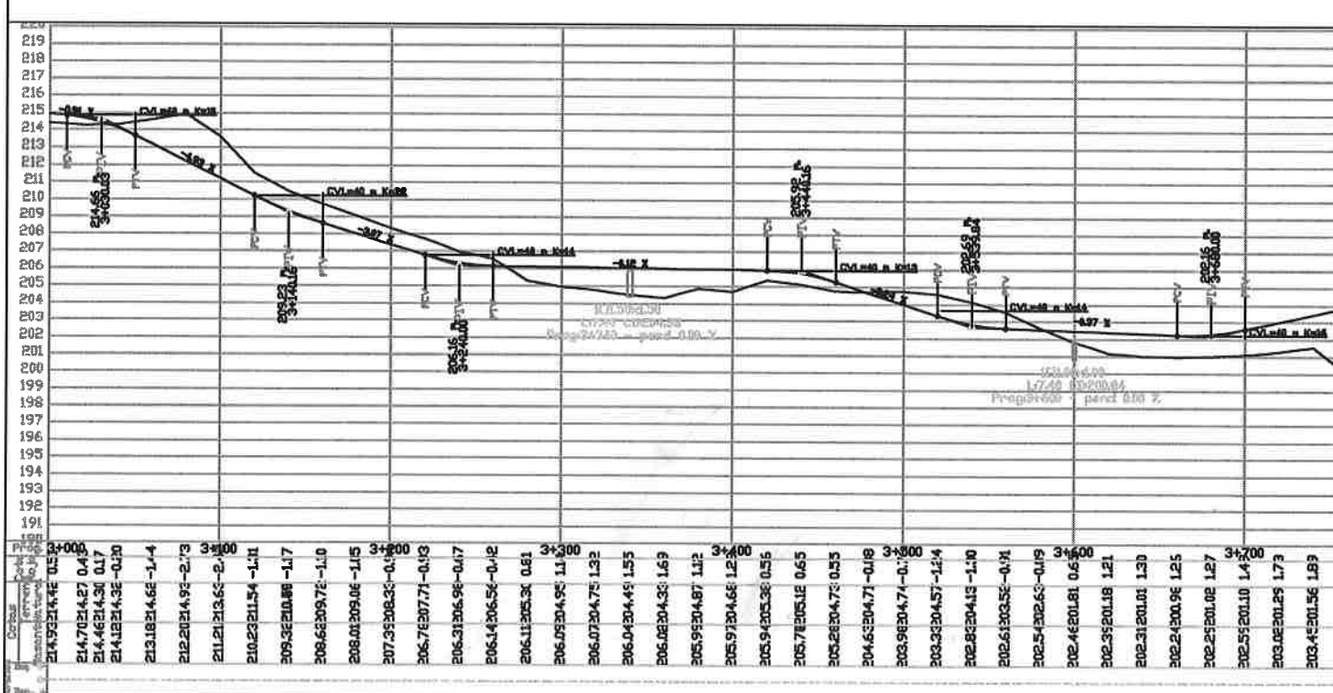
PLANIALTIMETRIA

Tramo 1+500 - 3+000

CARAGUATAY S.A.

RUBÉN CARDOZO FARIÑA
Representante Legal





CARAGUATAY S.A.

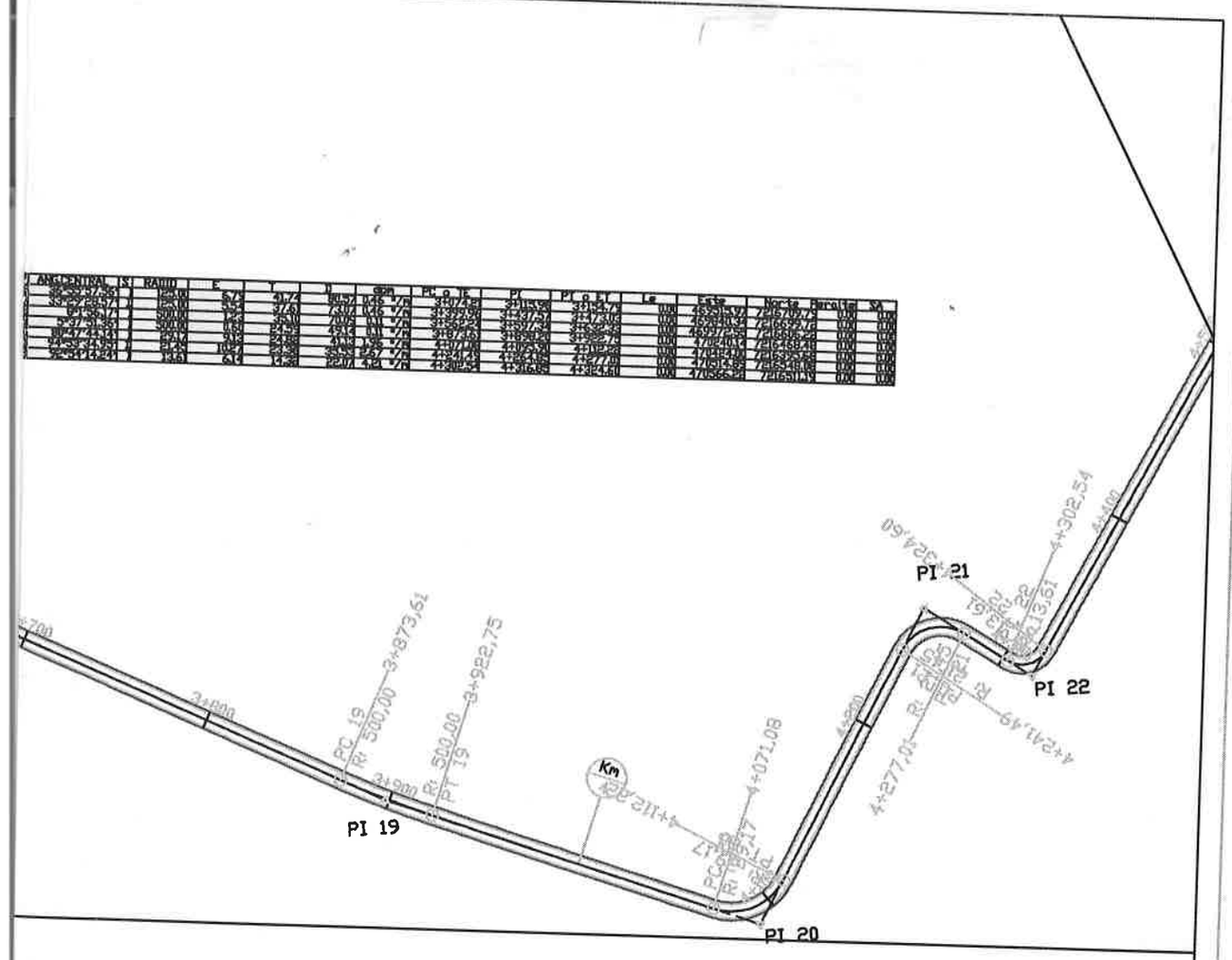
LEYENDAS

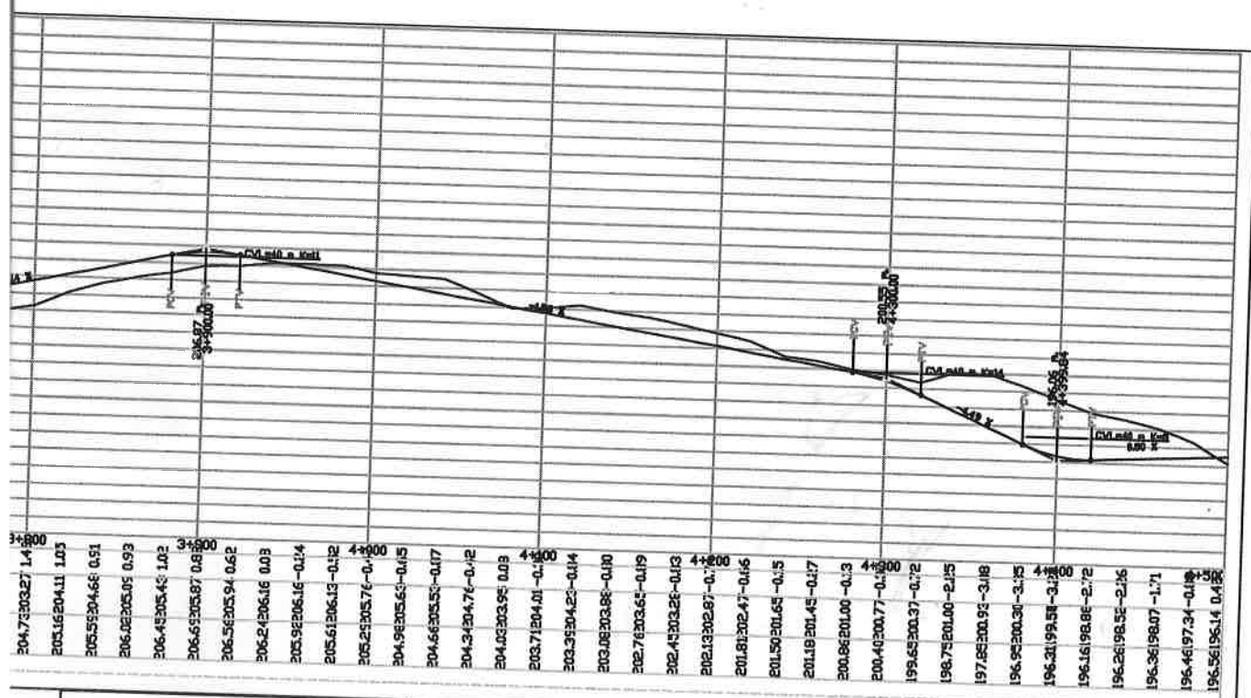
- Rasante Actual
- Rasante Proyectada
- Terreno Natural al Pie del Talud
- Pie de Talud Proyectado

REPUBLICA DEL PARAGUAY
MINISTERIO DE OBRAS PUBLICAS
Y COMUNICACIONES

5
(cinco)

ANGULO CENTRAL	N	RADIO	E	T	L	CSP	PC o TE	PI	PT o ET	Le	Este	Norte	Peralte	SA
35°52'55,71	1	500,00	64,5	161,7	312,97	7,97	3+873,61	3+873,61	3+922,75	0,00	469[illegible]	7[illegible]	0,00	0,00
9°15'36,71	2	500,00	8,4	40,4	80,7	0,81	4+112,42	4+112,42	4+153,13	0,00	469[illegible]	7[illegible]	0,00	0,00
5°37'31,61	3	500,00	4,9	24,5	49,1	0,30	4+277,05	4+277,05	4+326,19	0,00	469[illegible]	7[illegible]	0,00	0,00
38°47'44,91	4	500,00	70,3	141,6	338,4	5,96	4+324,60	4+324,60	4+663,04	0,00	469[illegible]	7[illegible]	0,00	0,00
64°53'24,51	5	50,00	16,9	34,8	56,6	5,67	4+663,04	4+663,04	4+719,63	0,00	470[illegible]	7[illegible]	0,00	0,00
55°41'12,61	6	18,00	9,4	17,3	17,5	4,21	4+719,63	4+719,63	4+737,13	0,00	470[illegible]	7[illegible]	0,00	0,00





ESCALA

AVENIDA ISLA ALTA - CONSTRUCCION DE PAVIMENTO TIPO EMPEDRADO

3

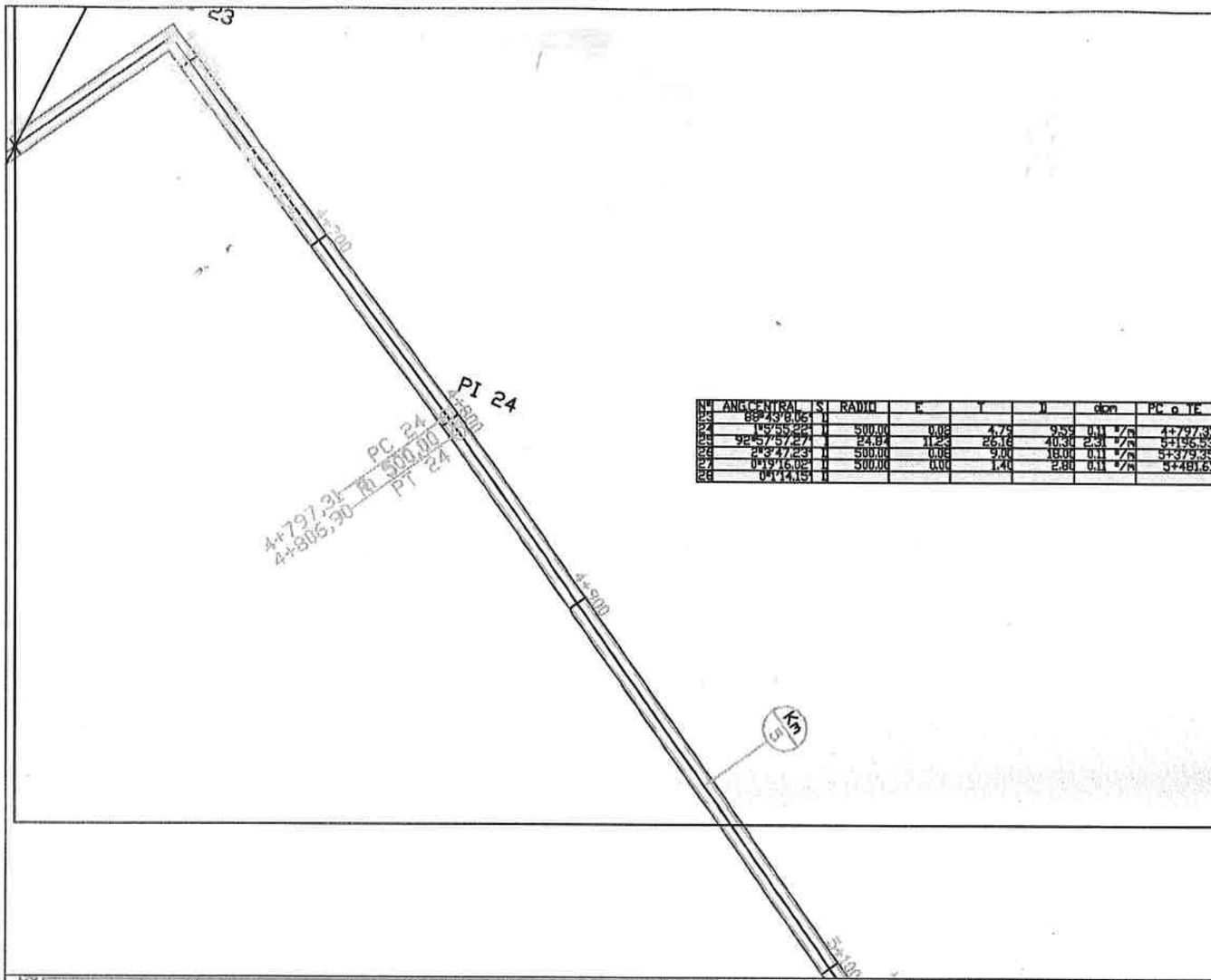
PLANIALTIMETRIA

06/2021

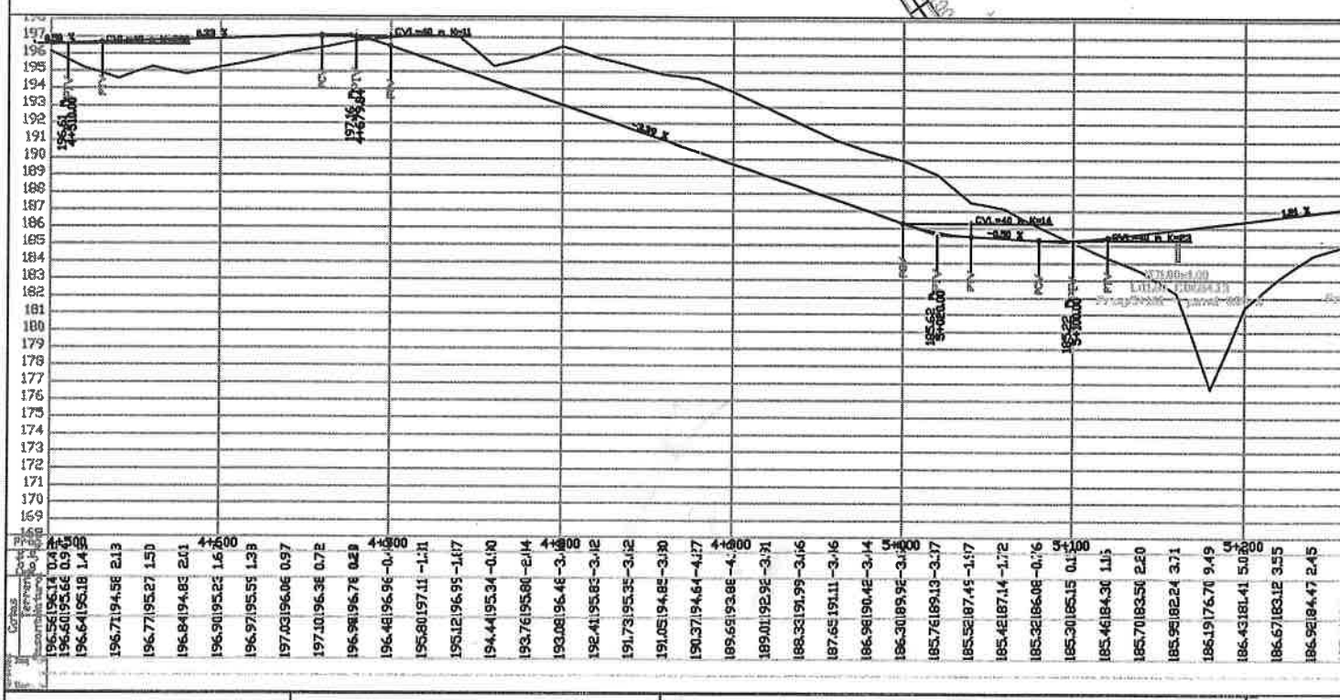
Tramo 3+000 - 4+500

CARAGUATAY S.A.

RUBÉN CARLOS TARIÑA
Representante Legal



Nº	ANG.CENTRAL	S	RADIO	E	T	D	dom	PC o TE
23	88°43'8.06"	D						
24	1°5'55.22"	D	500.00	0.08	4.75	9.59	0.11 °/m	4+797.3
25	92°57'57.27"	D	24.84	11.23	26.16	40.30	2.31 °/m	5+196.5
26	2°3'47.23"	D	500.00	0.08	9.00	18.00	0.11 °/m	5+379.3
27	0°19'16.02"	D	500.00	0.00	1.40	2.80	0.11 °/m	5+481.6
28	0°1'14.15"	D						



CARAGUATAY S.A.

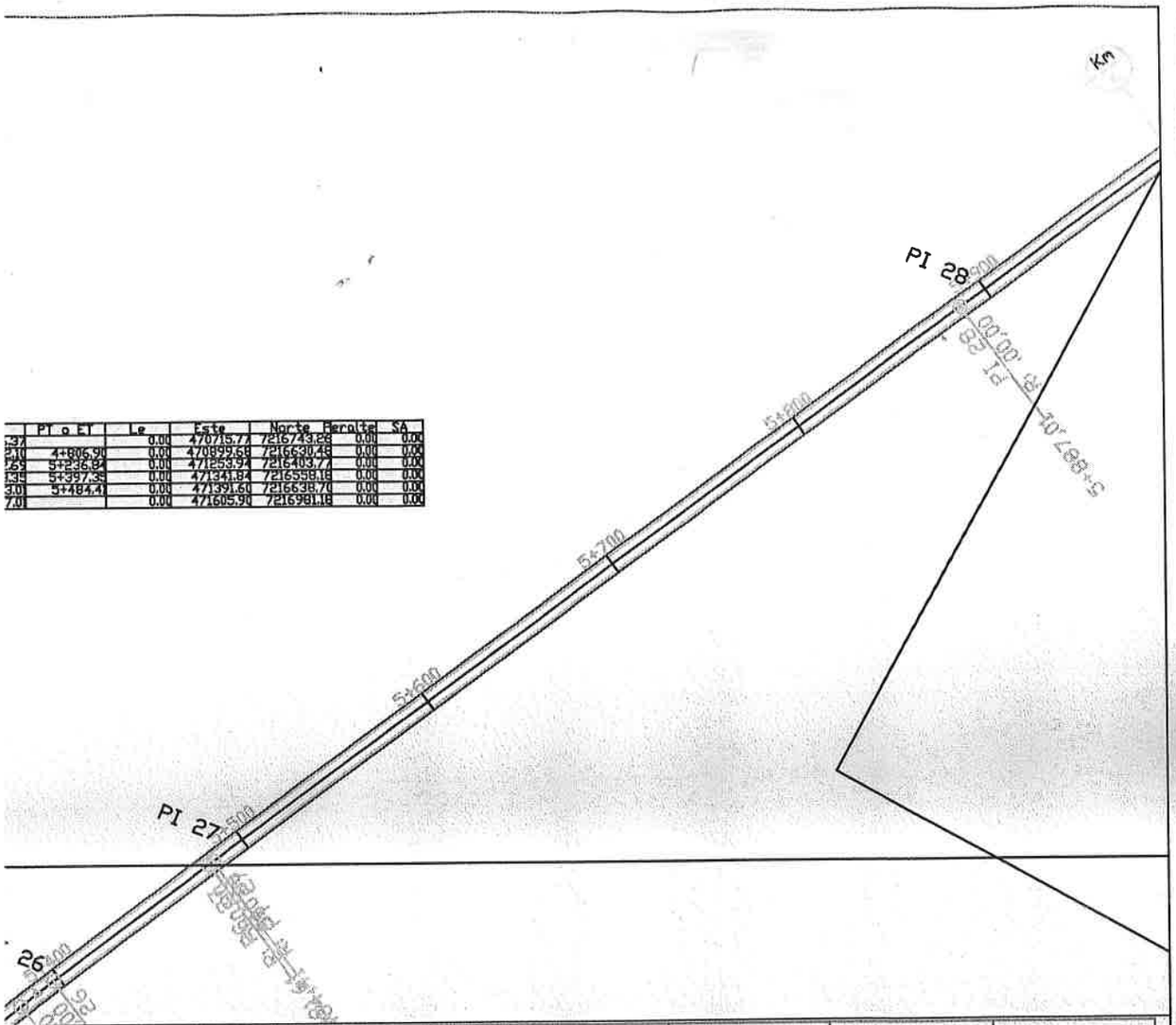
LEYENDAS

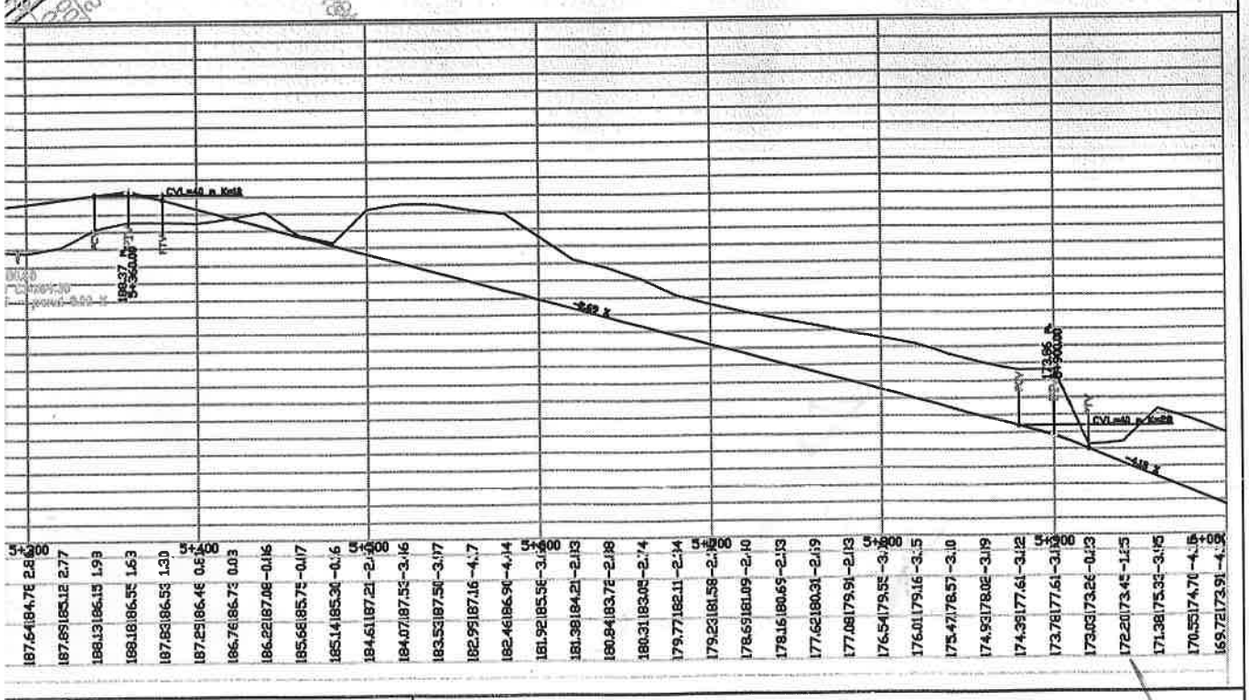
Rasante Actual
Rasante Especial
Terreno Natural al Eje del Talud
Plano de Tal d Proyectado

REPUBLICA DEL PARAGUAY
MINISTERIO DE OBRAS PUBLICAS
Y COMUNICACIONES

4
(cuatro)

	PT o ET	Le	Este	Norte	Peralte	SA
3.32		0.00	470715.77	7216743.26	0.00	0.00
3.10	4+806.90	0.00	470899.69	7216630.48	0.00	0.00
7.69	5+236.94	0.00	471253.94	7216403.77	0.00	0.00
1.35	5+397.35	0.00	471341.84	7216558.18	0.00	0.00
3.01	5+484.41	0.00	471391.60	7216638.70	0.00	0.00
7.01		0.00	471605.90	7216981.18	0.00	0.00





AVENIDA ISLA ALTA - CONSTRUCCION DE PAVIMENTO TIPO EMPEDRADO

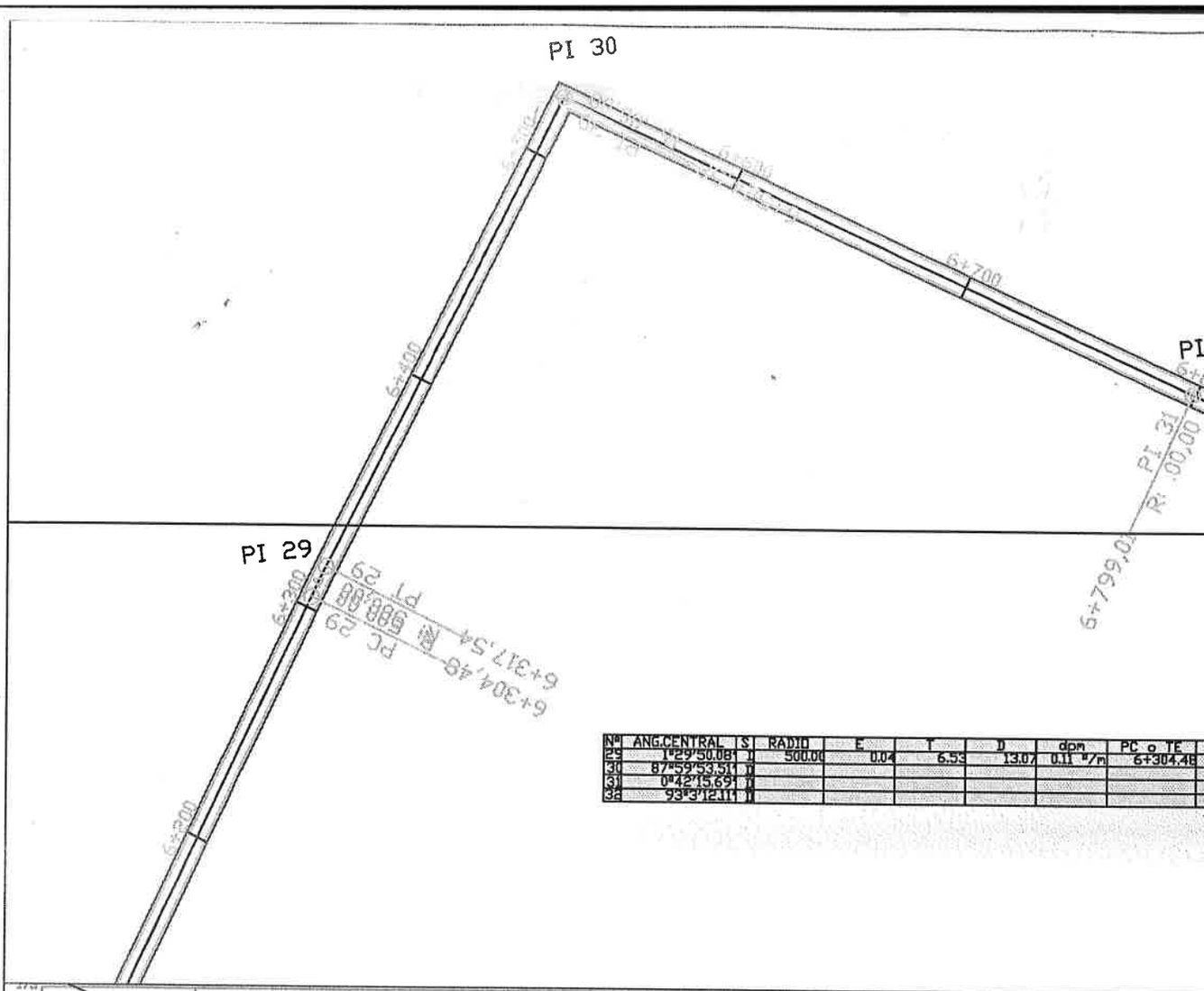
LOTE 3

PLANIALTIMETRIA

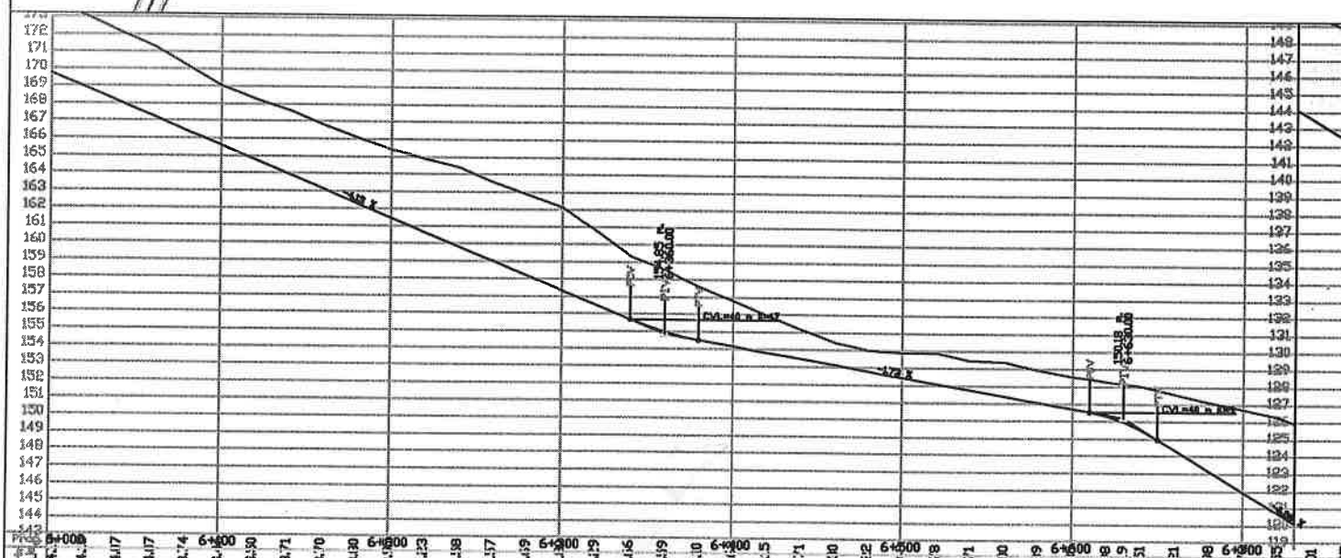
Tramo 4+500 - 6+000

CARAGUATAY S.A.
RUBÉN CARDOZO FARIÑA
Representante Legal

LAMINA Nº 4



Nº	ANG.CENTRAL	S	RADIO	E	T	D	dpm	PC o TE
29	1°29'50.08"	D	500.00	0.04	6.53	13.07	0.11 m/m	6+304.48
30	87°59'53.51"	D						
31	0°42'15.69"	D						
32	93°3'12.11"	D						



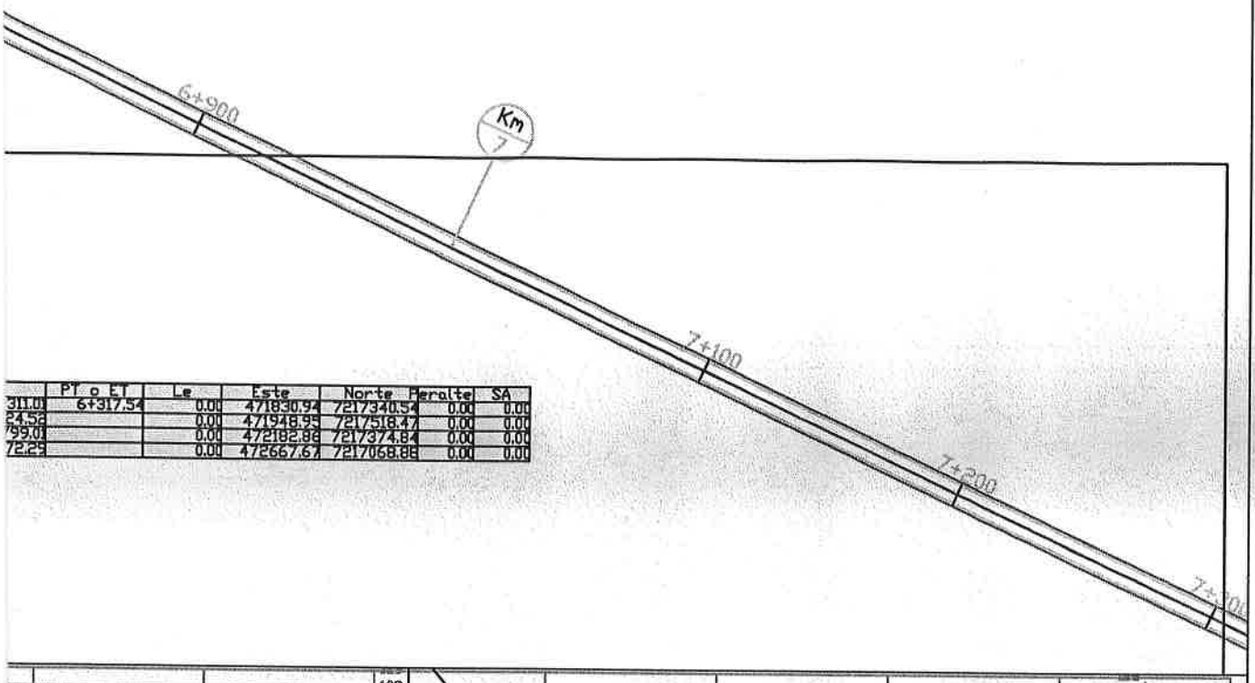
CARAGUATAY S.A.

LEYENDAS

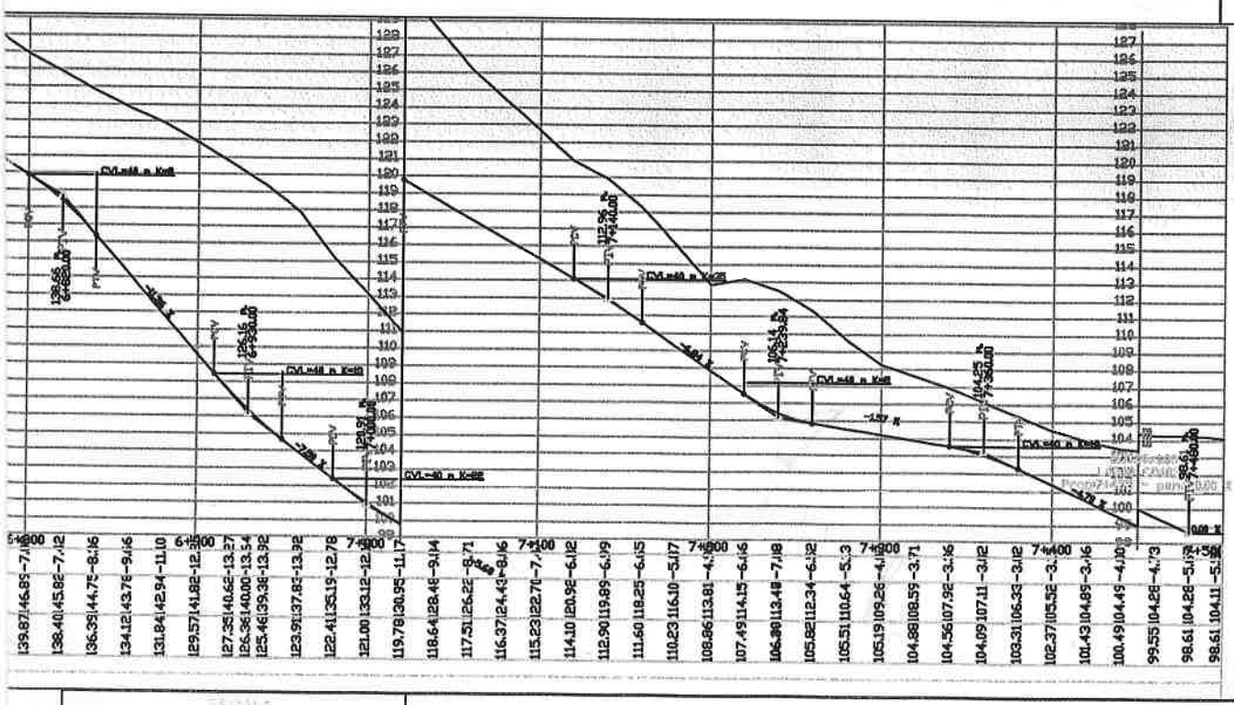
Rasante Inicial
Rasante Proyectada
Terreno Natural al Eje del Tacuí
Nivel de Talud de Desmonte

REPUBLICA DEL PARAGUAY
MINISTERIO DE OBRAS PUBLICAS
Y COMUNICACIONES

3
(tres)



	PT o ET	Le	Este	Norte	Peralte	SA
311.01	6+317.54	0.00	4718830.94	7217340.54	0.00	0.00
24.52		0.00	471948.95	7217518.47	0.00	0.00
799.01		0.00	472182.88	7217374.84	0.00	0.00
72.29		0.00	472667.67	7217068.88	0.00	0.00



ESCALA

AVENIDA ISLA ALTA - CONSTRUCCION DE PAVIMENTO TIPO EMPEDRADO

LOTE 3

PLANIALTIMETRIA

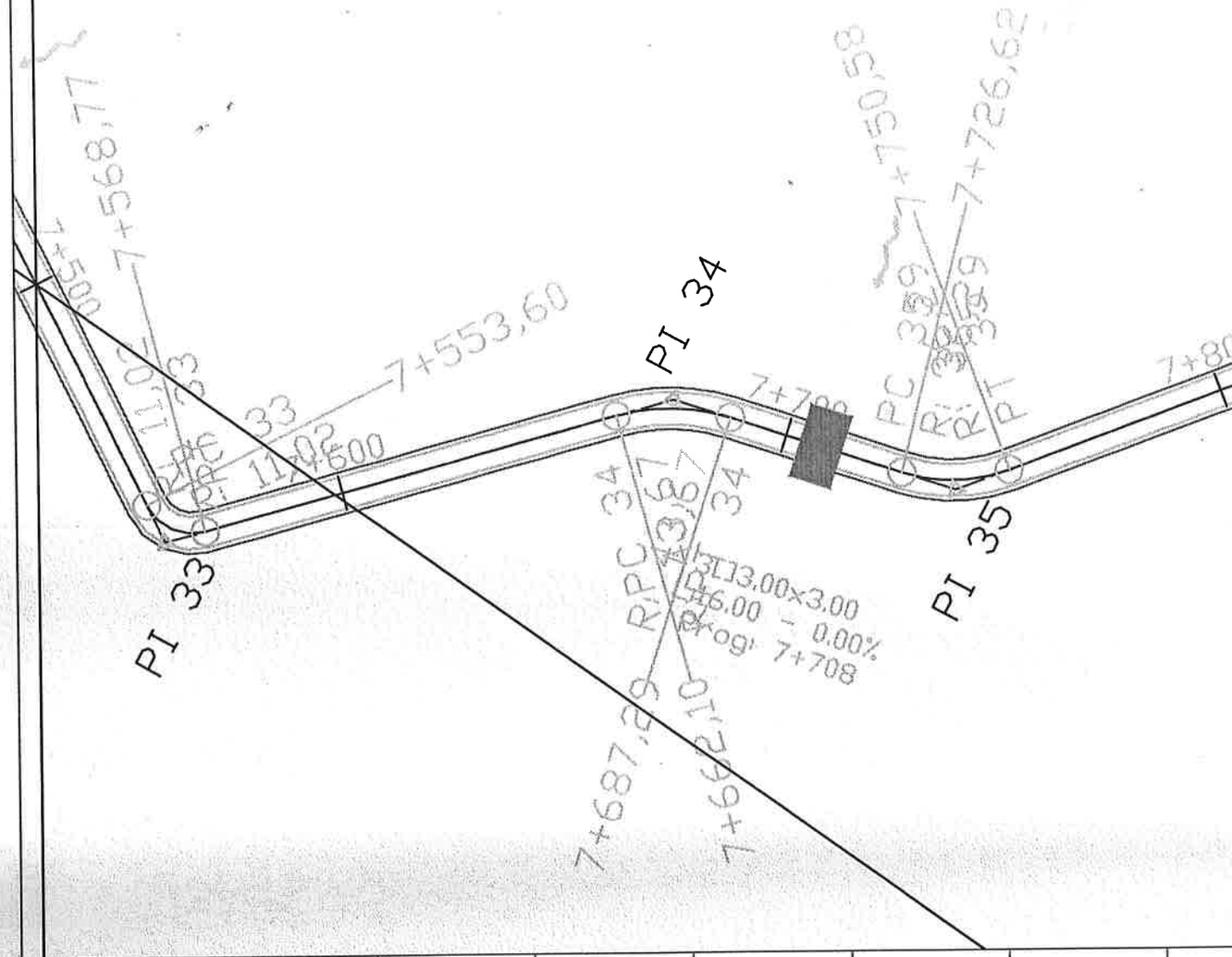
Tramo 6+000 - 7+500

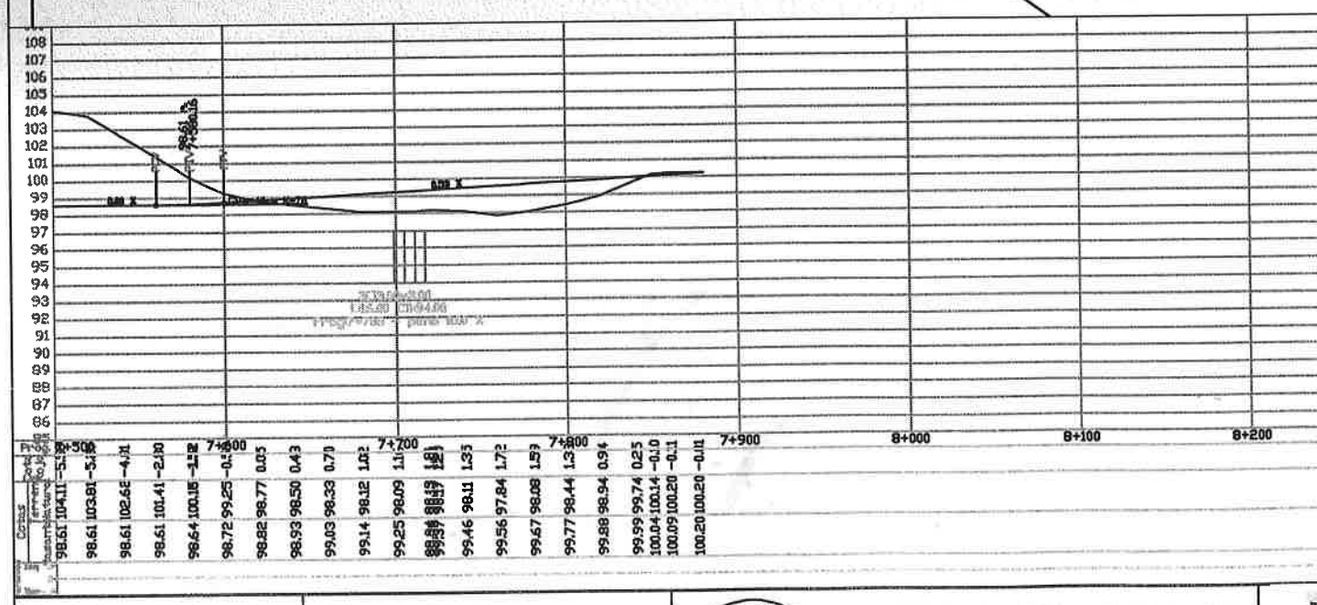
LAMINA Nº

CARDOLITAY S.A.

RUBÉN CARDOZO FARIÑA
Representante Legal

Nº	ANG.CENTRAL	S	RADIO	E	T	D	dpm	PC o TE	PI	PT o ET	Le	Este
33	78°50'28.10"	I	11.02	3.25	9.06	15.16	5.20 °/m	7+553.60	7+562.66	7+568.77	0.00	472557
34	33°2'47.33"	D	43.67	1.88	12.95	25.19	1.31 °/m	7+662.10	7+675.06	7+687.29	0.00	472631
35	37°49'19.30"	I	36.29	2.07	12.43	23.96	1.58 °/m	7+726.62	7+739.05	7+750.58	0.00	472648
36	0°0'0.00"								7+879.84		0.00	472754



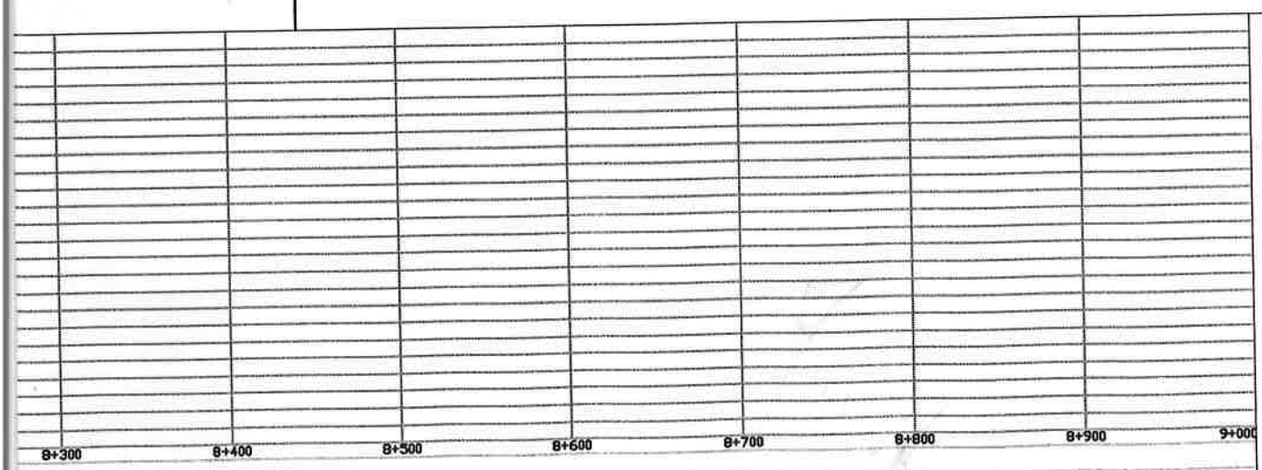


| Progr. | 7+500 | | | | | | | |

(005)

Norte	Peralte	SA
916913.53	0.00	0.00
916829.91	0.00	0.00
916766.27	0.00	0.00
916672.02	0.00	0.00

PI 36



ESCALA

AVENIDA ISLA ALTA - CONSTRUCCION DE PAVIMENTO TIPO EMPEDRADO

PLANIALTIMETRIA

Tramo 7+500 - 7+880

CARAGUATAY S.A.

RUBÉN CARDOZO FARIÑA
Representante Legal

LAMINA N°