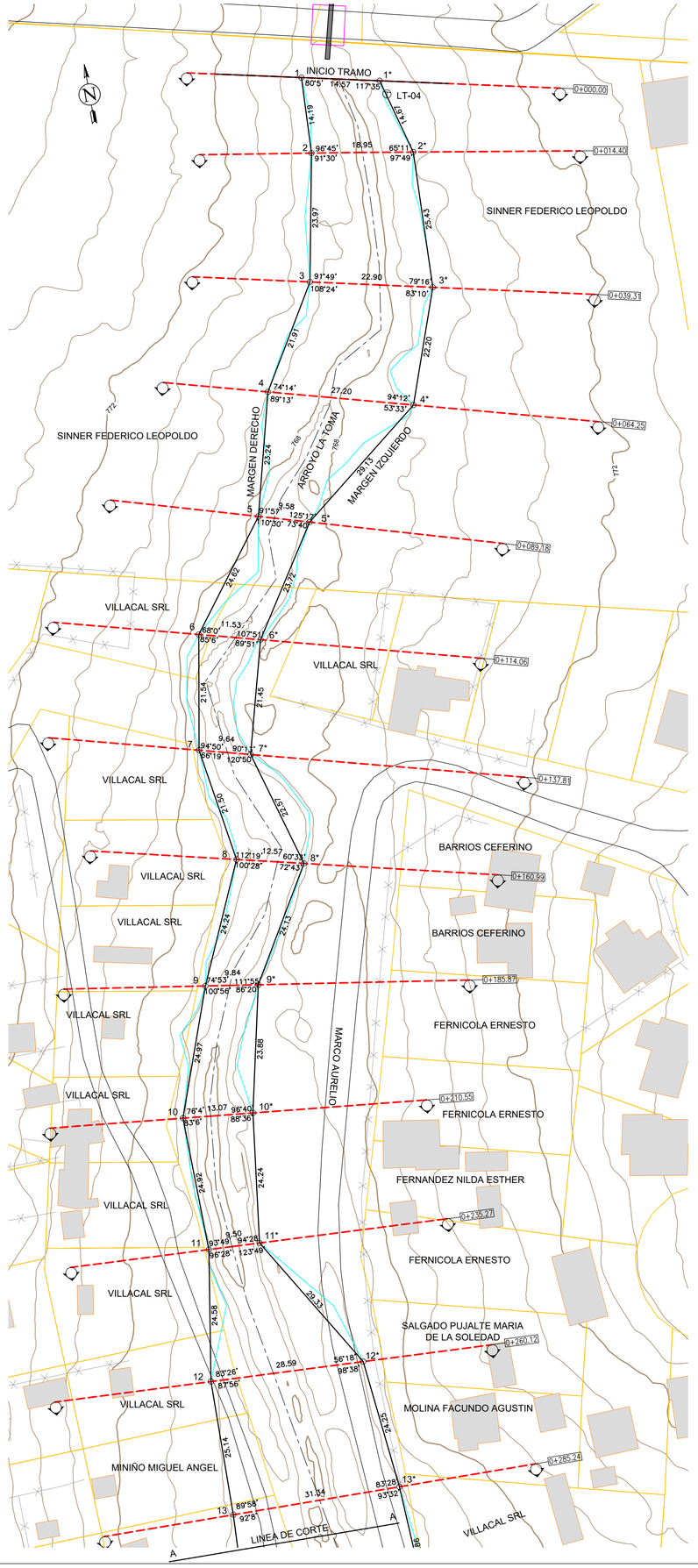
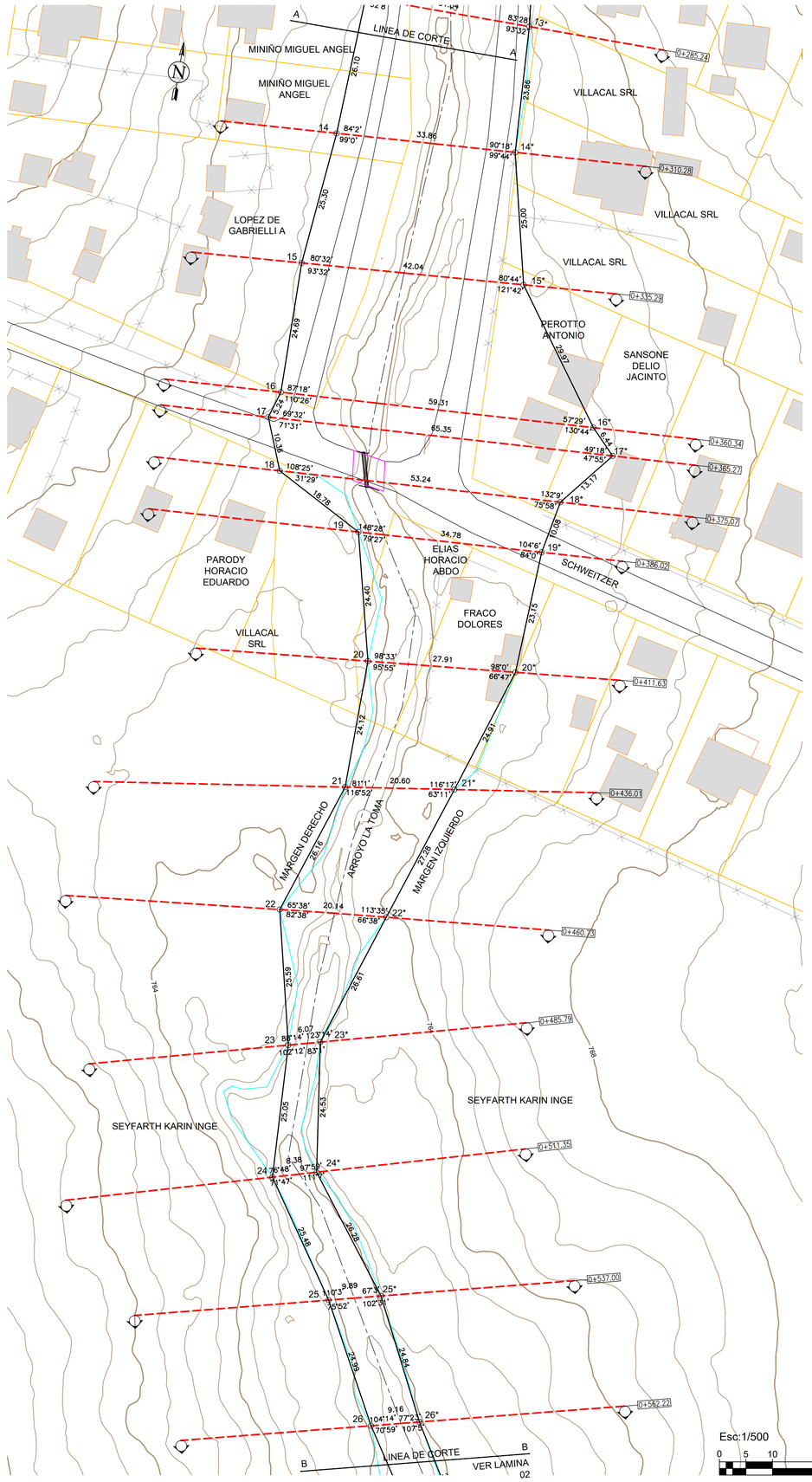
PLANIMETRÍA GENERAL ARROYO LA TOMA





Esc:1/500

0 5 10 20 40

COORDENADAS GAUSS-KRÜGER POSGAR 94 - Faja 4

LÍNEA DE RIBERA
ARROYO LA TOMA
MARGEN IZQUIERDO

PTO	ESTE	NORTE
1*	4352353.41	6463846.56
2*	4352357.28	6463832.41
3*	4352356.52	6463806.99
4*	4352349.19	6463786.04
5*	4352326.39	6463767.91
6*	4352313.62	6463747.93
7*	4352308.10	6463727.20
8*	4352314.39	6463705.52
9*	4352302.11	6463684.75
10*	4352297.01	6463661.42
11*	4352294.04	6463637.37
12*	4352309.25	6463612.29
13*	4352311.86	6463588.19
14*	4352313.17	6463564.37
15*	4352318.88	6463540.02
16*	4352336.34	6463515.67
17*	4352340.80	6463511.02
18*	4352332.52	6463500.78
19*	4352330.63	6463490.89
20*	4352329.51	6463467.77
21*	4352321.82	6463444.07
22*	4352313.16	6463418.21
23*	4352304.80	6463392.94
24*	4352308.19	6463368.65
25*	4352324.02	6463347.67
26*	4352335.14	6463325.46

LÍNEA DE RIBERA
ARROYO LA TOMA
MARGEN DERECHO

PTO	ESTE	NORTE
1	4352339.17	6463849.66
2	4352338.58	6463835.49
3	4352334.16	6463811.93
4	4352322.93	6463793.11
5	4352317.19	6463770.59
6	4352302.46	6463750.86
7	4352298.78	6463729.64
8	4352302.15	6463708.41
9	4352292.38	6463686.23
10	4352284.01	6463662.71
11	4352284.55	6463637.79
12	4352280.69	6463613.52
13	4352280.51	6463588.39
14	4352279.38	6463562.32
15	4352276.94	6463537.14
16	4352277.12	6463512.45
17	4352275.56	6463507.45
18	4352279.37	6463497.82
19	4352295.91	6463488.92
20	4352301.72	6463465.22
21	4352301.44	6463441.10
22	4352293.11	6463416.30
23	4352298.94	6463391.38
24	4352300.13	6463366.35
25	4352314.44	6463345.27
26	4352326.25	6463323.25

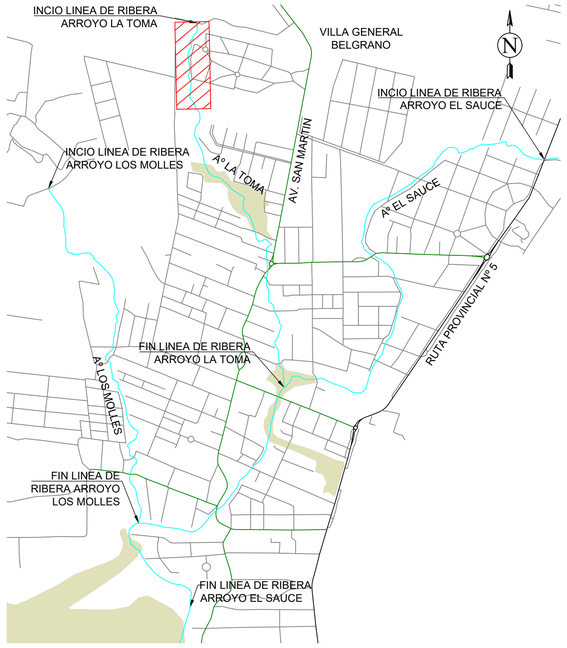
LÍNEA DE RIBERA DETERMINADA MEDIANTE MODELACIÓN MATEMÁTICA CON EMPLEO DE MODELO COMPUTACIONAL HEC - RAS, CON UN CAUDAL DE 25 AÑOS DE RECURRENCIA DE 33 m³/s.

REFERENCIAS

- Mojón de Hierro
- Vértice sin Materializar
- Perfil Transversal
- Línea de Ribera
- Eje del Arroyo
- Mancha Inundación
- Terreno Natural
- Parcelario SIG
- Muro
- Vado
- Azud
- Edificación
- Alcantarilla
- Puente
- Gaviones
- Calle
- Alambrado

CROQUIS DE UBICACIÓN

ESC. 1:20000



APRHI Administración Provincial de Recursos Hídricos | Ministerio de SERVICIOS PUBLICOS | GOBIERNO DE LA PROVINCIA DE CÓRDOBA | ENTRE TODOS

OBRA: SERVICIOS PROFESIONALES PARA LA DEFINICIÓN DE LA LÍNEA DE RIBERA EN LA ZONA URBANA DE LA LOCALIDAD DE VILLA GENERAL BELGRANO (DEPARTAMENTO CALAMUCHITA)

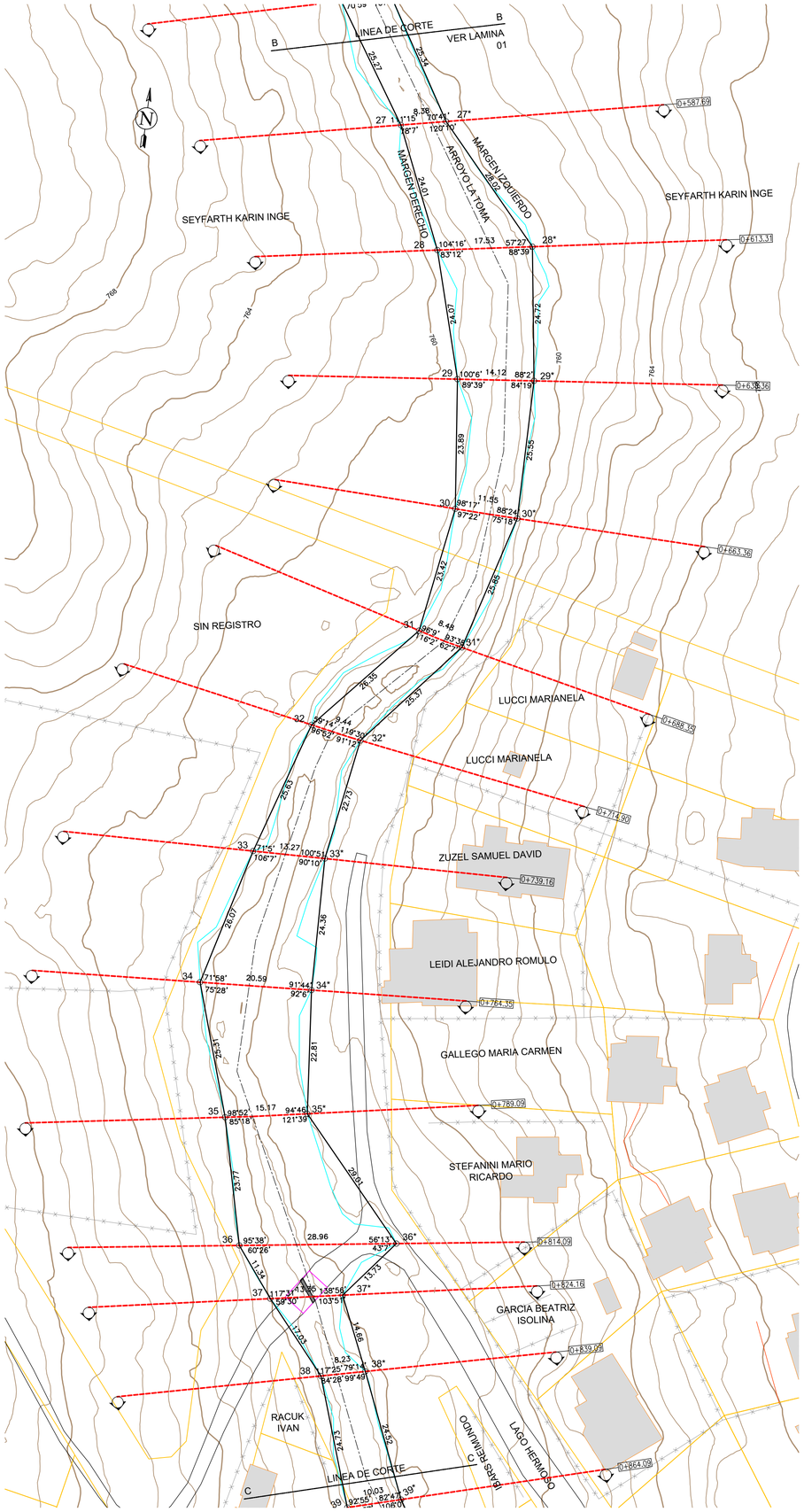
Plano N° 0001

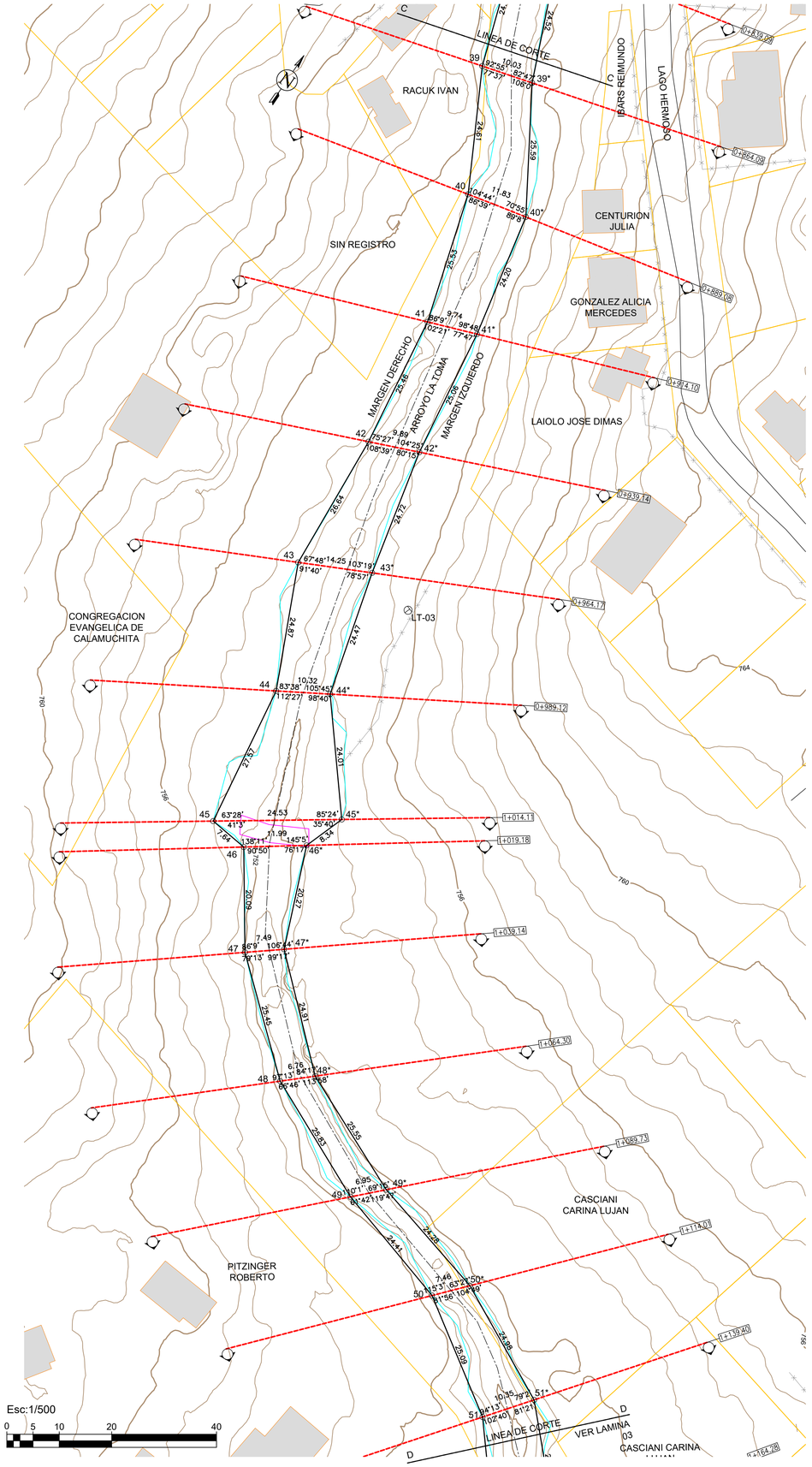
PLANO: ARROYO LA TOMA PLANIMETRÍA

Localidad: Villa General Belgrano
Dpto.: Calamuchita

Escala: 1:500	Fecha: Agosto 2020	Ministro: Ing. Fabian Lopez
Topografía: Consular Consultores Argentinos Asociados S.A.		Secretario de Recursos Hídricos: Ing. Edgar Castelló
Proyecto: Ing. Ramiro M. García		Presidente APRHI: Ing. Juan Pablo Brarda
Dibujo: Ing. Lucia Otero		VOCALES APRHI: Wierzbicky/Plencovich/Herrero/Suaya

PLANIMETRÍA GENERAL ARROYO LA TOMA





Esc:1/500

0 5 10 20 40

COORDENADAS GAUSS-KRÜGER POSGAR 94 - Faja 4

LÍNEA DE RIBERA
ARROYO LA TOMA
MARGEN IZQUIERDO

PTO	ESTE	NORTE
27*	4352348.22	6463303.76
28*	4352366.95	6463282.92
29*	4352370.41	6463258.44
30*	4352370.58	6463232.89
31*	4352363.50	6463208.03
32*	4352347.14	6463188.64
33*	4352343.41	6463166.22
34*	4352344.08	6463141.86
35*	4352346.24	6463119.16
36*	4352365.58	6463097.54
37*	4352356.97	6463086.84
38*	4352362.91	6463073.44
39*	4352372.48	6463050.87
40*	4352385.96	6463029.11
41*	4352390.91	6463005.43
42*	4352394.58	6462980.64
43*	4352400.17	6462956.56
44*	4352406.64	6462932.97
45*	4352422.00	6462914.51
46*	4352419.26	6462906.64
47*	4352426.92	6462887.87
48*	4352445.50	6462871.28
49*	4352468.93	6462861.09
50*	4352492.44	6462855.02
51*	4352514.86	6462843.99

LÍNEA DE RIBERA
ARROYO LA TOMA
MARGEN DERECHO

PTO	ESTE	NORTE
27	4352340.02	6463302.06
28	4352349.66	6463280.06
29	4352356.36	6463256.95
30	4352359.03	6463233.21
31	4352355.28	6463210.09
32	4352337.86	6463190.33
33	4352330.15	6463165.89
34	4352323.53	6463140.67
35	4352331.28	6463116.58
36	4352336.90	6463093.49
37	4352343.82	6463084.50
38	4352354.90	6463071.57
39	4352362.83	6463048.14
40	4352374.43	6463026.45
41	4352381.80	6463002.00
42	4352385.46	6462976.80
43	4352387.41	6462950.23
44	4352397.81	6462927.64
45	4352401.95	6462900.38
46	4352409.55	6462899.60
47	4352421.10	6462883.16
48	4352440.52	6462866.71
49	4352464.07	6462856.11
50	4352487.55	6462849.39
51	4352508.60	6462835.74

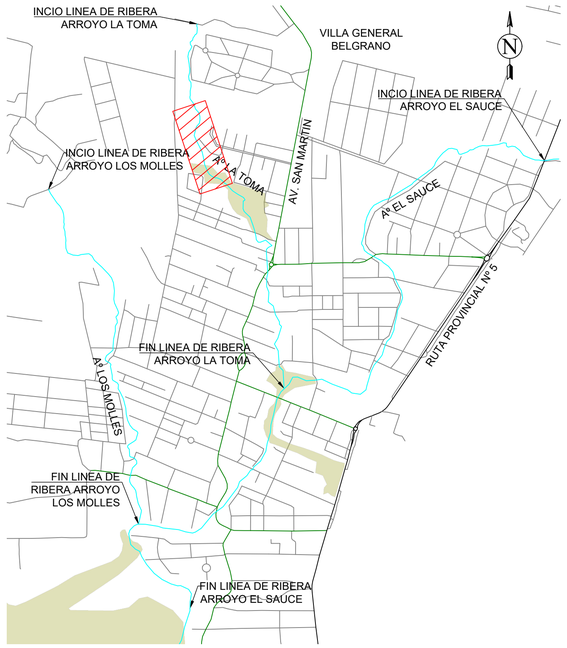
LÍNEA DE RIBERA DETERMINADA MEDIANTE MODELACIÓN MATEMÁTICA CON EMPLEO DE MODELO COMPUTACIONAL HEC - RAS, CON UN CAUDAL DE 25 AÑOS DE RECURRENCIA DE 33 m³/s.

REFERENCIAS

- Mojón de Hierro
- Vértice sin Materializar
- Perfil Transversal
- Línea de Ribera
- Eje del Arroyo
- Mancha Inundación
- Terreno Natural
- Parcelario SIG
- Muro
- Vado
- Azud
- Edificación
- Alcantarilla
- Puente
- Gaviones
- Calle
- Alambrado

CROQUIS DE UBICACIÓN

ESC. 1:20000



APRHI Administración Provincial de Recursos Hídricos | Ministerio de SERVICIOS PUBLICOS | GOBIERNO DE LA PROVINCIA DE CÓRDOBA | ENTRE TODOS

OBRA: SERVICIOS PROFESIONALES PARA LA DEFINICIÓN DE LA LÍNEA DE RIBERA EN LA ZONA URBANA DE LA LOCALIDAD DE VILLA GENERAL BELGRANO (DEPARTAMENTO CALAMUCHITA)

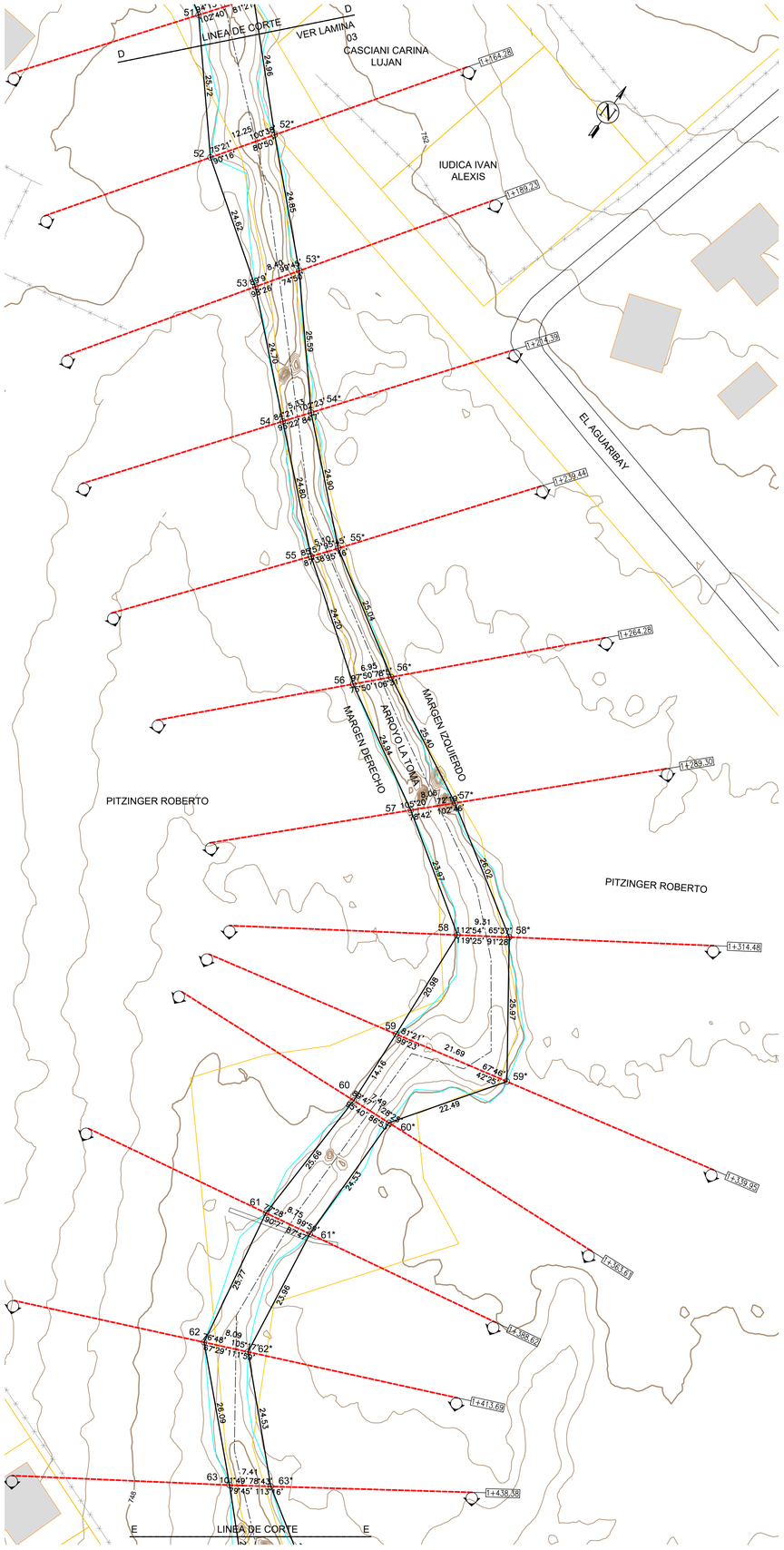
Plano N° 0002

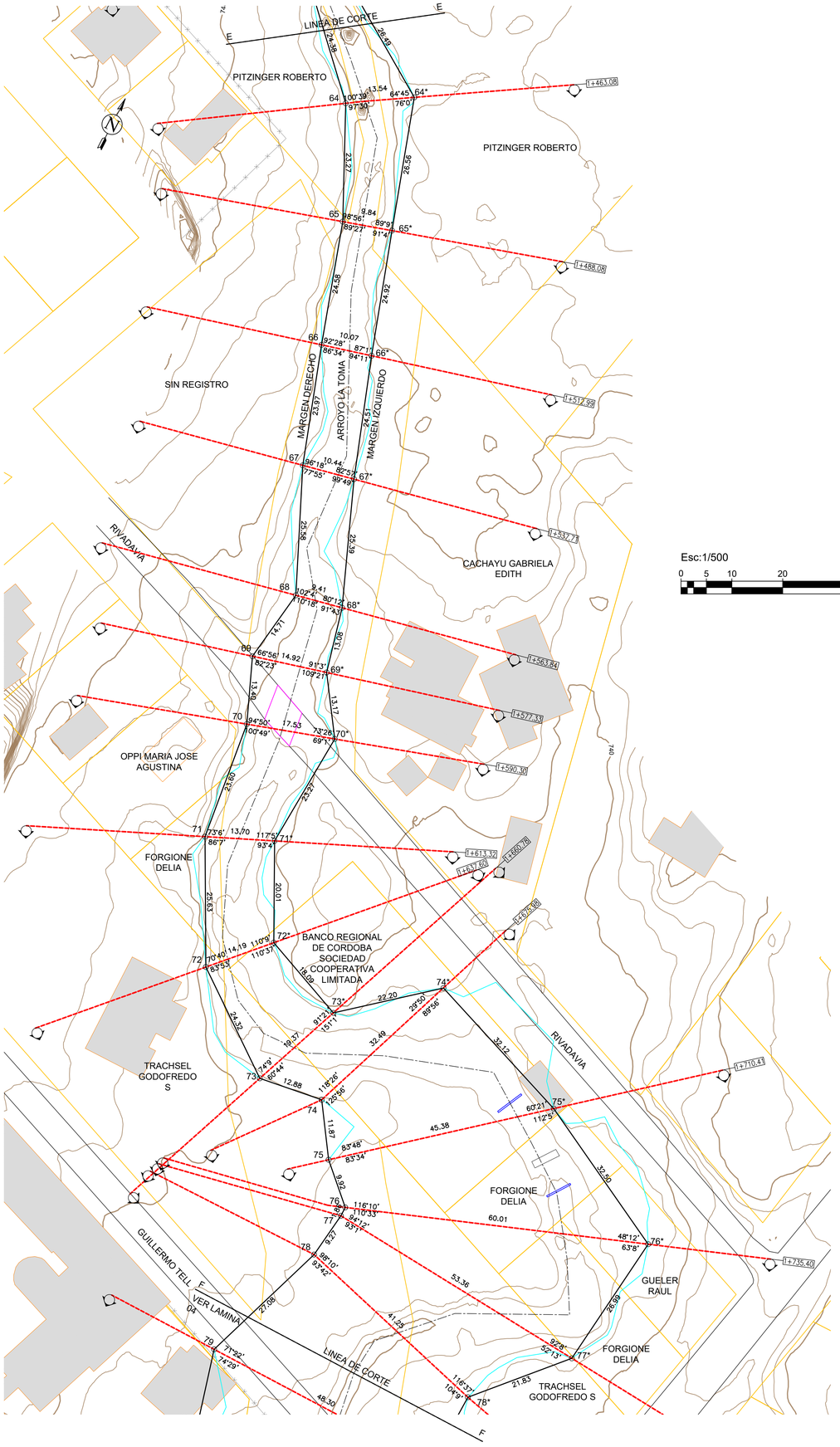
PLANO: ARROYO LA TOMA PLANIMETRÍA

Localidad: Villa General Belgrano
Dpto.: Calamuchita

Escala: 1:500	Fecha: Agosto 2020	Ministro: Ing. Fabian Lopez
Topografía: Consular Consultores Argentinos Asociados S.A.		Secretario de Recursos Hídricos: Ing. Edgar Castelló
Proyecto: Ing. Ramiro M. García		Presidente APRHI: Ing. Juan Pablo Brarda
Dibujo: Ing. Lucia Otero		VOCALES APRHI: Wierzbicky/Plencovich/Herrero/Suaya

PLANIMETRÍA GENERAL ARROYO LA TOMA





COORDENADAS GAUSS-KRÜGER POSGAR 94 - Faja 4

LÍNEA DE RIBERA
ARROYO LA TOMA
MARGEN IZQUIERDO

PTO	ESTE	NORTE
52*	4352532.25	6462826.10
53*	4352550.02	6462808.72
54*	4352566.55	6462789.19
55*	4352584.68	6462772.12
56*	4352605.85	6462758.76
57*	4352628.34	6462746.97
58*	4352650.27	6462732.96
59*	4352664.98	6462711.56
60*	4352651.99	6462693.21
61*	4352651.98	6462668.68
62*	4352655.21	6462644.94
63*	4352672.56	6462627.60
64*	4352694.78	6462613.17
65*	4352702.88	6462587.87
66*	4352710.56	6462564.16
67*	4352718.61	6462541.01
68*	4352728.08	6462517.45
69*	4352731.21	6462504.75
70*	4352738.62	6462493.86
71*	4352737.26	6462470.63
72*	4352746.29	6462452.77
73*	4352763.01	6462445.86
74*	4352780.04	6462460.13
75*	4352810.15	6462448.97
76*	4352838.88	6462433.77
77*	4352835.80	6462406.95
78*	4352821.13	6462390.78

LÍNEA DE RIBERA
ARROYO LA TOMA
MARGEN DERECHO

PTO	ESTE	NORTE
52	4352525.20	6462816.08
53	4352545.25	6462801.80
54	4352563.31	6462784.95
55	4352581.52	6462768.12
56	4352601.01	6462753.78
57	4352622.61	6462741.30
58	4352642.47	6462727.88
59	4352643.79	6462706.95
60	4352644.51	6462692.80
61	4352643.36	6462667.16
62	4352647.76	6462641.77
63	4352666.39	6462623.50
64	4352683.33	6462605.96
65	4352693.46	6462585.01
66	4352700.83	6462561.56
67	4352708.40	6462538.82
68	4352718.88	6462515.48
69	4352716.79	6462500.92
70	4352721.91	6462488.54
71	4352724.72	6462465.11
72	4352736.61	6462442.40
73	4352756.05	6462427.79
74	4352768.80	6462429.63
75	4352775.41	6462419.77
76	4352782.61	6462412.93
77	4352782.60	6462411.08
78	4352781.40	6462401.88

LÍNEA DE RIBERA DETERMINADA MEDIANTE MODELACIÓN MATEMÁTICA CON EMPLEO DE MODELO COMPUTACIONAL HEC - RAS, CON UN CAUDAL DE 25 AÑOS DE RECURRENCIA DE 33 m³/s.

Esc:1/500

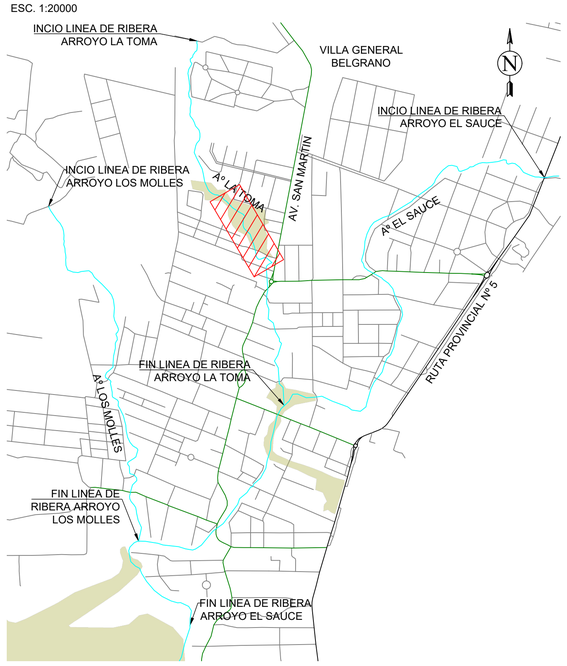
0 5 10 20 40

REFERENCIAS

- Mojón de Hierro
- Vértice sin Materializar
- Perfil Transversal
- Línea de Ribera
- Eje del Arroyo
- Mancha Inundación
- Terreno Natural
- Parcelario SIG
- Muro
- Vado
- Azud
- Edificación
- Alcantarilla
- Puente
- Gaviones
- Calle
- Alambrado

CROQUIS DE UBICACIÓN

ESC. 1:20000



OBRA: SERVICIOS PROFESIONALES PARA LA DEFINICIÓN DE LA LÍNEA DE RIBERA EN LA ZONA URBANA DE LA LOCALIDAD DE VILLA GENERAL BELGRANO (DEPARTAMENTO CALAMUCHITA)

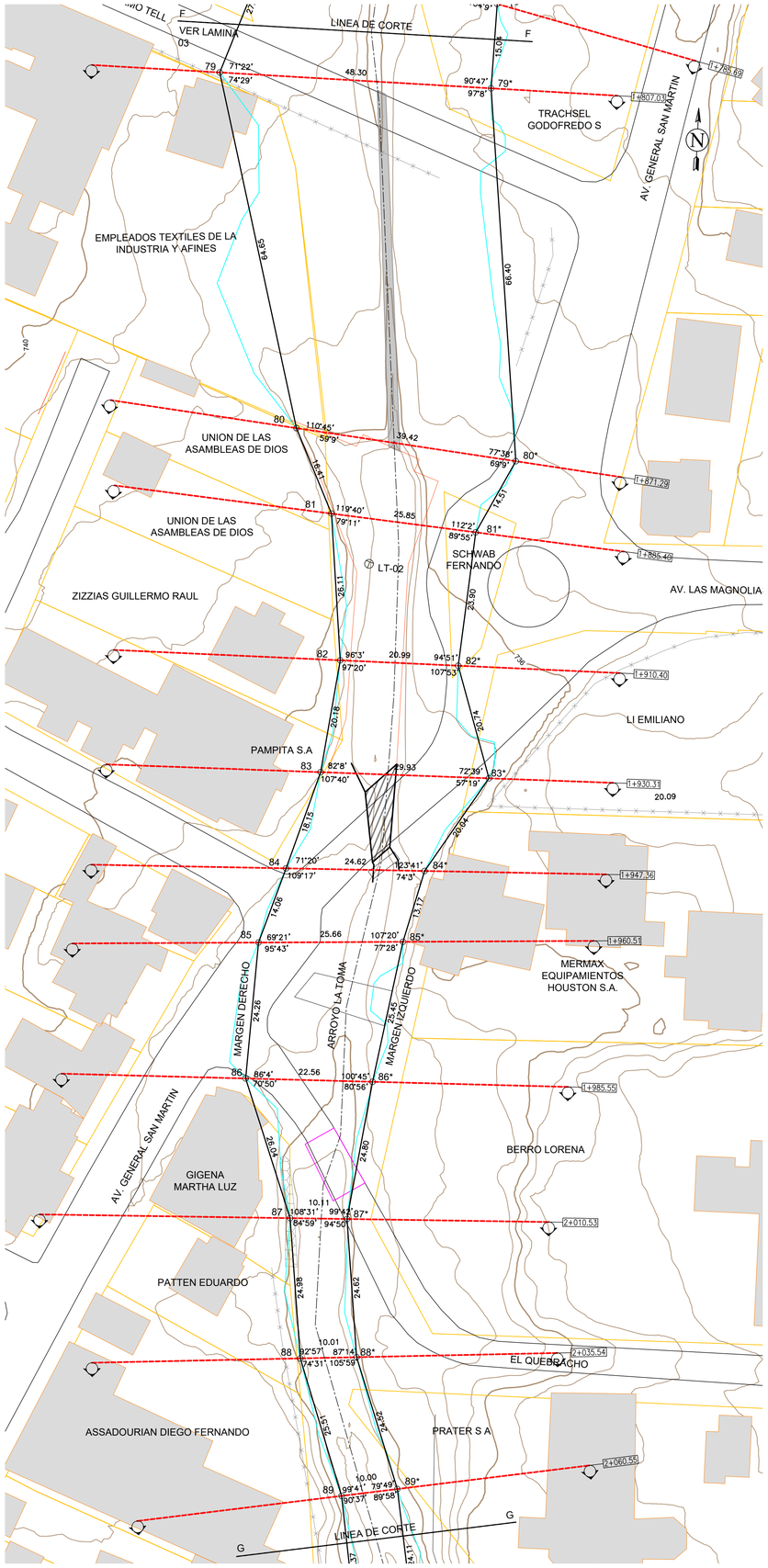
Plano N° 0003

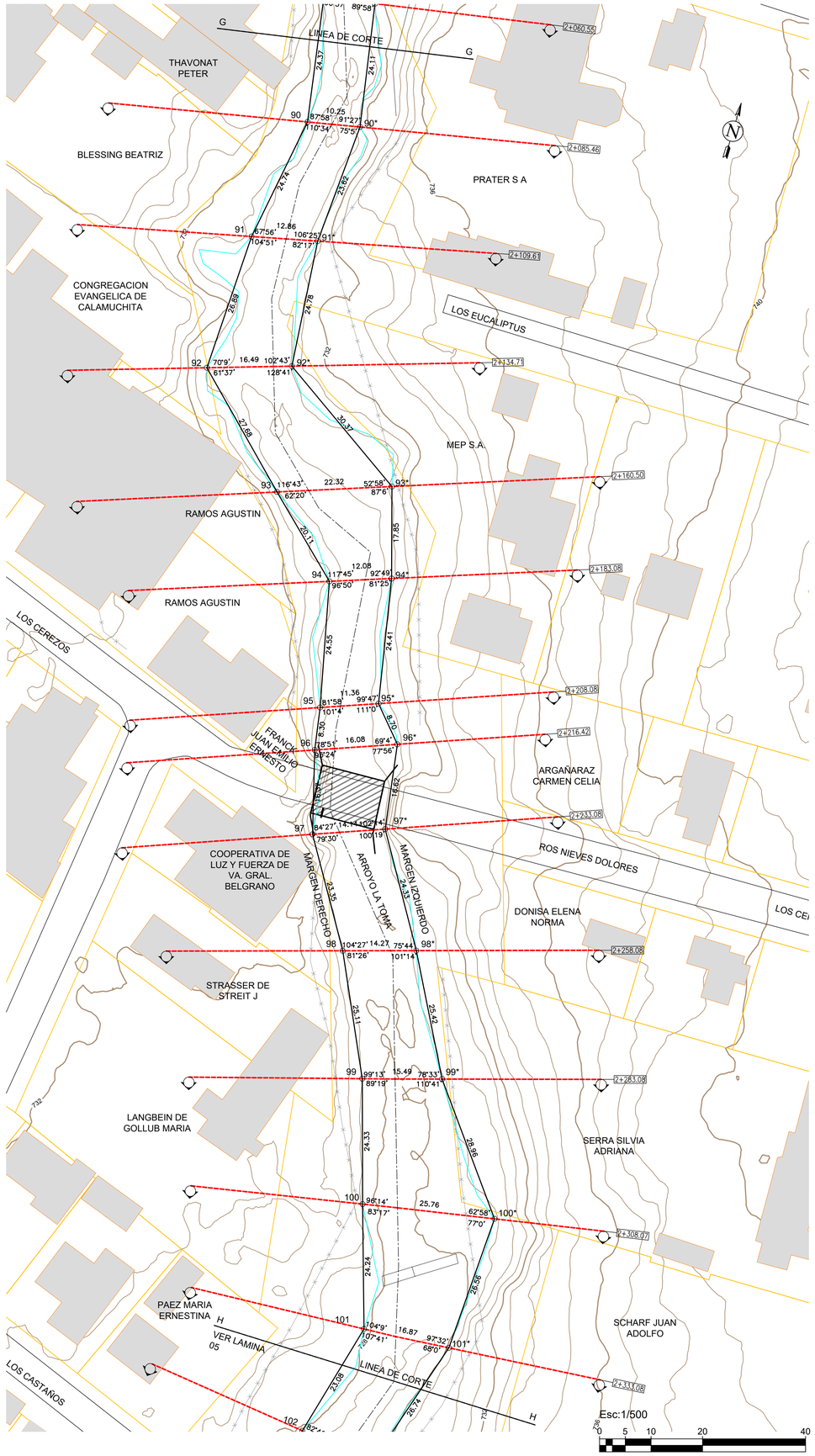
PLANO: ARROYO LA TOMA PLANIMETRÍA

Localidad: Villa General Belgrano
Dpto.: Calamuchita

Escala: 1:500	Fecha: Agosto 2020	Ministro: Ing. Fabian Lopez
Topografía: Consular Consultores Argentinos Asociados S.A.		Secretario de Recursos Hídricos: Ing. Edgar Castelló
Proyecto: Ing. Ramiro M. García		Presidente APRHI: Ing. Juan Pablo Brarda
Dibujo: Ing. Lucia Otero		VOCALES APRHI: Wierzbicky/Plencovich/Herrero/Suaya

PLANIMETRÍA GENERAL ARROYO LA TOMA





COORDENADAS GAUSS-KRÜGER POSGAR 94 - Faja 4

LÍNEA DE RIBERA
ARROYO LA TOMA
MARGEN IZQUIERDO

PTO	ESTE	NORTE
79*	4352820.75	6462375.75
80*	4352828.23	6462309.78
81*	4352821.70	6462296.82
82*	4352819.70	6462273.01
83*	4352826.09	6462253.27
84*	4352815.44	6462236.30
85*	4352812.17	6462223.54
86*	4352807.94	6462198.44
87*	4352804.54	6462173.88
88*	4352807.39	6462149.43
89*	4352815.72	6462126.37
90*	4352819.77	6462102.60
91*	4352818.19	6462079.04
92*	4352820.30	6462054.35
93*	4352845.56	6462037.49
94*	4352850.59	6462020.37
95*	4352855.08	6461996.37
96*	4352860.83	6461989.84
97*	4352863.25	6461973.40
98*	4352875.76	6461952.52
99*	4352887.65	6461930.05
100*	4352905.13	6461906.96
101*	4352903.77	6461880.44

LÍNEA DE RIBERA
ARROYO LA TOMA
MARGEN DERECHO

PTO	ESTE	NORTE
79	4352772.45	6462376.32
80	4352789.02	6462313.83
81	4352795.94	6462298.95
82	4352798.71	6462272.99
83	4352796.16	6462252.97
84	4352790.83	6462235.61
85	4352786.55	6462222.22
86	4352785.39	6462197.98
87	4352794.44	6462173.56
88	4352797.41	6462148.76
89	4352805.87	6462124.69
90	4352809.71	6462100.63
91	4352805.64	6462076.23
92	4352804.58	6462049.36
93	4352824.49	6462030.13
94	4352839.18	6462016.40
95	4352844.42	6461992.42
96	4352845.76	6461984.23
97	4352850.02	6461968.42
98	4352862.08	6461948.43
99	4352872.78	6461925.71
100	4352879.78	6461902.41
101	4352886.94	6461879.25

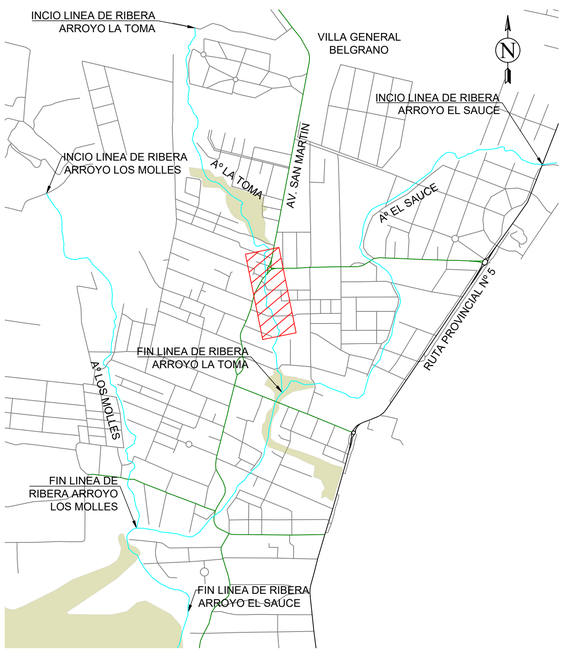
LÍNEA DE RIBERA DETERMINADA MEDIANTE MODELACIÓN MATEMÁTICA CON EMPLEO DE MODELO COMPUTACIONAL HEC - RAS, CON UN CAUDAL DE 25 AÑOS DE RECURRENCIA DE 33 m³/s.

REFERENCIAS

- Mojón de Hierro
- Vértice sin Materializar
- Perfil Transversal
- Línea de Ribera
- Eje del Arroyo
- Mancha Inundación
- Terreno Natural
- Parcelario SIG
- Muro
- Vado
- Azud
- Edificación
- Alcantarilla
- Puente
- Gaviones
- Calle
- Alambrado

CROQUIS DE UBICACIÓN

ESC. 1:20000



Ministerio de Servicios Públicos — Gobierno de la Provincia de Córdoba — Entre Todos

OBRA: SERVICIOS PROFESIONALES PARA LA DEFINICIÓN DE LA LÍNEA DE RIBERA EN LA ZONA URBANA DE LA LOCALIDAD DE VILLA GENERAL BELGRANO (DEPARTAMENTO CALAMUCHITA)

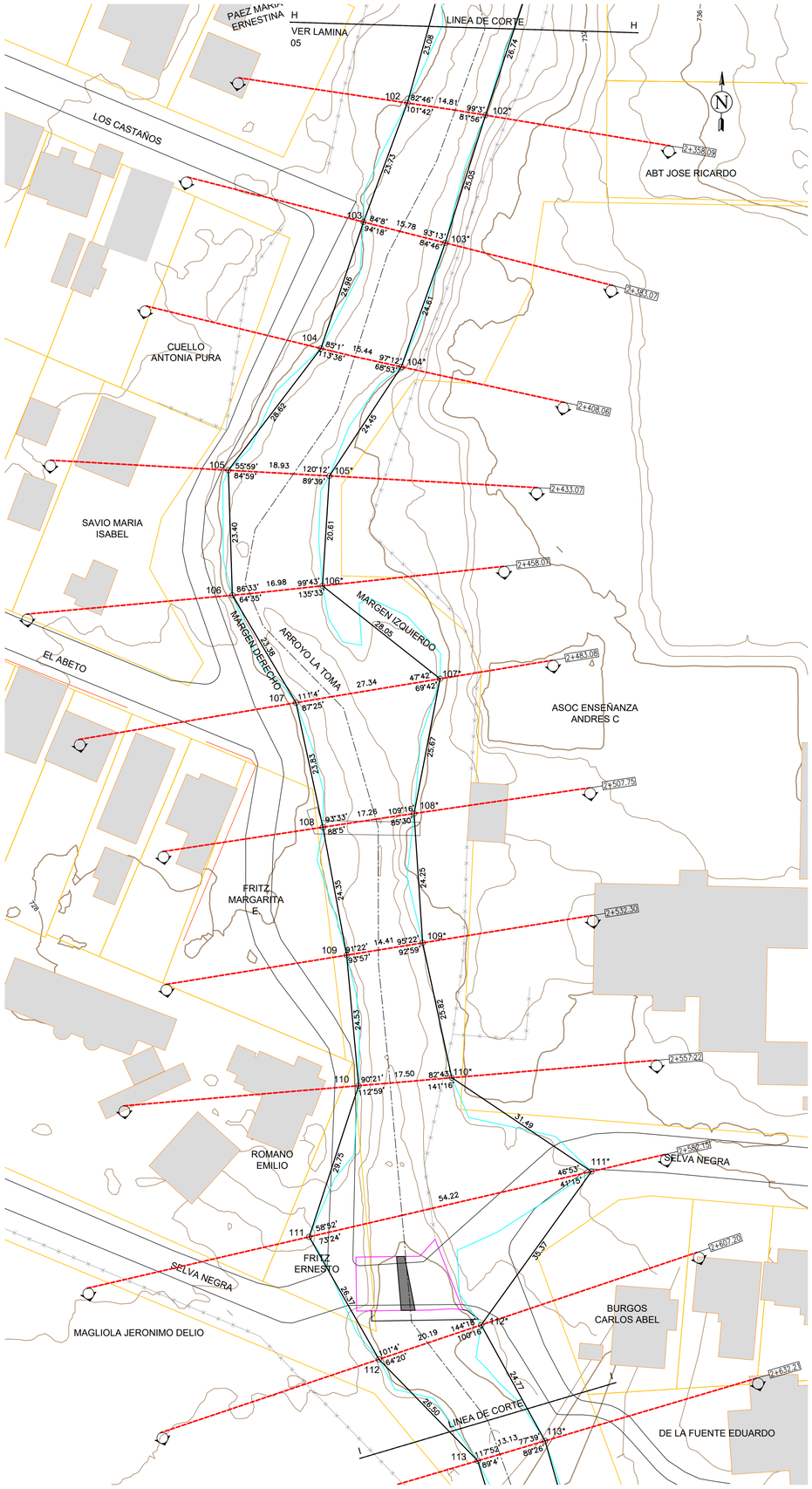
Plano N° 0004

PLANO: ARROYO LA TOMA PLANIMETRÍA

Localidad: Villa General Belgrano
Dpto.: Calamuchita

Escala: 1:500	Fecha: Agosto 2020	Ministro: Ing. Fabian Lopez
Topografía: Consular Consultores Argentinos Asociados S.A.		Secretario de Recursos Hídricos: Ing. Edgar Castelló
Proyecto: Ing. Ramiro M. García		Presidente APRHI: Ing. Juan Pablo Brarda
Dibujo: Ing. Lucia Otero		VOCALES APRHI: Wierzbicky/Plencovich/Herrero/Suaya

PLANIMETRÍA GENERAL ARROYO LA TOMA

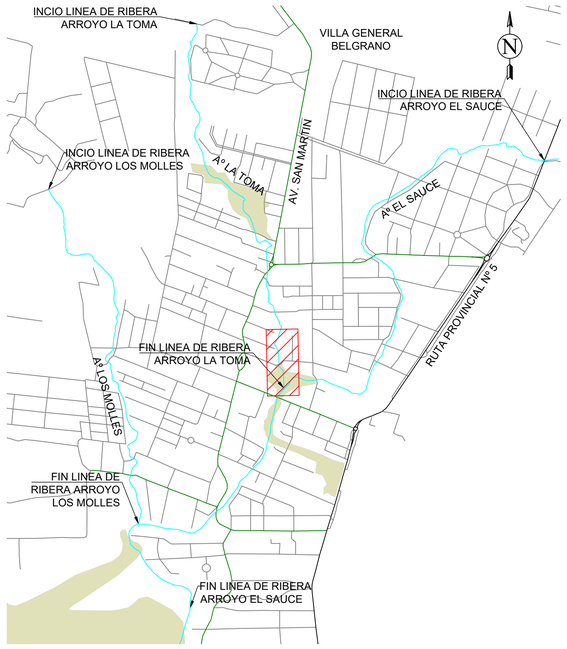


REFERENCIAS

- Mojón de Hierro
- Vértice sin Materializar
- Perfil Transversal
- Línea de Ribera
- Eje del Arroyo
- Mancha Inundación
- Terreno Natural
- Parcelario SIG
- Muro
- Vado
- Azud
- Edificación
- Alcantarilla
- Puente
- Gaviones
- Calle
- Alambrado

CROQUIS DE UBICACIÓN

ESC. 1:20000



COORDENADAS GAUSS-KRÜGER POSGAR 94 - Faja 4

LÍNEA DE RIBERA
ARROYO LA TOMA
MARGEN IZQUIERDO

PTO	ESTE	NORTE
102*	4352895.77	6461854.92
103*	4352888.70	6461830.89
104*	4352880.92	6461807.54
105*	4352867.84	6461786.88
106*	4352866.94	6461766.29
107*	4352889.27	6461749.31
108*	4352884.87	6461724.02
109*	4352886.94	6461699.85
110*	4352892.86	6461674.72
111*	4352919.34	6461657.68
112*	4352899.23	6461628.58
113*	4352911.59	6461607.11
114*	4352919.39	6461581.65
115*	4352920.89	6461556.96
116*	4352925.02	6461531.93

LÍNEA DE RIBERA
ARROYO LA TOMA
MARGEN DERECHO

PTO	ESTE	NORTE
102	4352881.10	6461856.92
103	4352873.33	6461834.50
104	4352865.81	6461810.70
105	4352848.92	6461787.59
106	4352850.09	6461764.21
107	4352862.39	6461744.33
108	4352867.86	6461721.14
109	4352872.76	6461697.29
110	4352875.46	6461672.90
111	4352866.75	6461644.46
112	4352880.23	6461621.79
113	4352899.07	6461603.16
114	4352906.63	6461580.43
115	4352906.86	6461555.44
116	4352904.99	6461530.33

LÍNEA DE RIBERA DETERMINADA MEDIANTE MODELACIÓN MATEMÁTICA CON EMPLEO DE MODELO COMPUTACIONAL HEC - RAS, CON UN CAUDAL DE 25 AÑOS DE RECURRENCIA DE 33 m³/s.

Esc:1/500

0 5 10 20 40

APRHI Administración Provincial de Recursos Hídricos | Ministerio de SERVICIOS PÚBLICOS | GOBIERNO DE LA PROVINCIA DE CÓRDOBA | ENTRE TODOS

OBRA: SERVICIOS PROFESIONALES PARA LA DEFINICIÓN DE LA LÍNEA DE RIBERA EN LA ZONA URBANA DE LA LOCALIDAD DE VILLA GENERAL BELGRANO (DEPARTAMENTO CALAMUCHITA)

Plano N° 0005

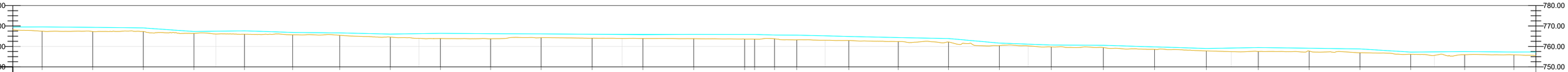
PLANO: ARROYO LA TOMA PLANIMETRÍA

Localidad: Villa General Belgrano
Dpto.: Calamuchita

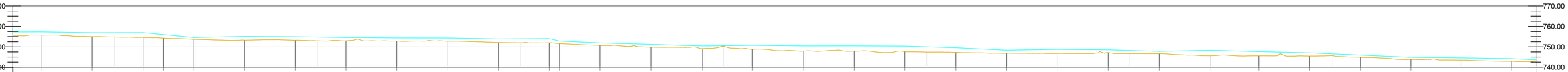
Escala: 1:500	Fecha: Agosto 2020	Ministro: Ing. Fabian Lopez
Topografía: Consular Consultores Argentinos Asociados S.A.		Secretario de Recursos Hídricos: Ing. Edgar Castelló
Proyecto: Ing. Ramiro M. García		Presidente APRHI: Ing. Juan Pablo Brarda
Dibujo: Ing. Lucia Otero		VOCALES APRHI: Wierzbicky/Plencovich/Herrero/Suaya

PERFIL LONGITUDINAL ARROYO LA TOMA

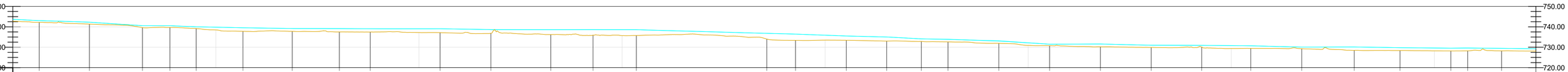
PENDIENTE Pelo de Agua Arroyo LA TOMA: 0.019 m/m
PENDIENTE Eje de Vaguada Arroyo LA TOMA: 0.018 m/m



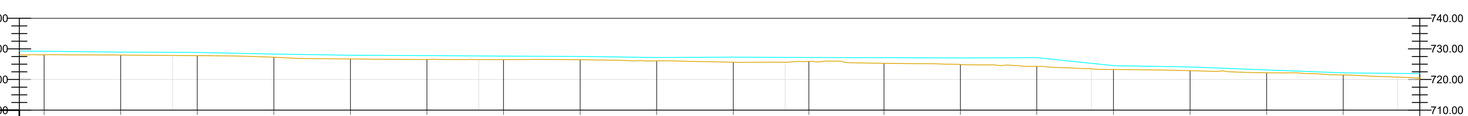
PIQUETE	DIST. PARCIAL	DIST. ACUMULADA	COTA TERRENO	COTA TIRANTE
1	14.40	14.40	768.00	769.50
2	24.91	39.31	767.43	769.54
3	24.94	64.25	767.26	769.33
4	24.93	89.18	767.29	769.06
5	24.88	114.06	766.36	767.30
6	23.75	137.81	765.99	767.62
7	23.19	160.99	765.68	766.84
8	24.88	185.87	765.41	766.61
9	24.68	210.55	764.57	766.03
10	24.71	235.27	763.88	766.38
11	24.85	260.12	763.73	766.22
12	25.13	285.24	764.27	766.12
13	25.04	310.28	764.03	765.96
14	25.00	335.29	763.89	765.95
15	25.06	360.34	763.79	765.90
16	4.92	365.27	763.60	765.87
17	9.81	375.07	763.56	765.87
18	10.95	386.02	763.75	765.57
19	25.61	411.63	763.20	765.51
20	24.38	436.01	762.90	764.87
21	24.72	460.73	762.38	764.32
22	25.06	485.79	762.16	763.86
23	25.56	511.35	760.38	761.63
24	25.65	537.00	759.76	760.69
25	25.22	562.22	759.44	760.52
26	25.48	587.69	758.54	759.77
27	25.62	613.31	757.80	758.99
28	25.04	638.36	757.53	759.41
29	25.00	663.36	757.71	759.12
30	25.00	688.35	756.91	758.77
31	26.55	714.90	756.15	757.22
32	24.26	739.16	755.93	757.46
33			755.87	757.24



PIQUETE	DIST. PARCIAL	DIST. ACUMULADA	COTA TERRENO	COTA TIRANTE
34		764.35	755.74	757.32
35	24.74	789.09	755.03	756.92
36	25.00	814.09	754.61	756.97
37	10.08	824.16	754.26	756.00
38	14.92	839.09	753.68	754.58
39	25.00	864.09	753.27	755.09
40	24.99	889.08	753.25	754.95
41	25.02	914.10	753.01	754.58
42	25.04	939.14	752.82	754.36
43	25.03	964.17	752.78	754.32
44	24.94	989.12	752.14	753.88
45	24.99	1014.11	751.98	754.03
46	5.07	1019.18	751.57	752.84
47	19.96	1039.14	750.71	751.92
48	25.16	1064.30	749.80	751.22
49	25.44	1089.73	749.12	750.43
50	24.28	1114.01	748.78	750.74
51	25.39	1139.40	747.93	750.44
52	24.88	1164.28	747.89	750.46
53	24.94	1189.23	747.68	750.36
54	25.17	1214.39	747.30	749.56
55	25.04	1239.44	746.83	748.35
56	24.84	1264.28	746.77	748.75
57	25.02	1289.30	747.18	748.54
58	25.17	1314.48	746.63	747.79
59	25.48	1339.95	745.64	748.33
60	23.66	1363.61	745.60	747.64
61	25.00	1388.62	745.46	747.06
62	25.08	1413.69	744.86	745.95
63	24.68	1438.38	743.83	744.86
64	24.70	1463.08	744.87	744.57
65	25.00	1488.08	742.89	744.19



PIQUETE	DIST. PARCIAL	DIST. ACUMULADA	COTA TERRENO	COTA TIRANTE
66		1512.99	742.19	743.04
67	24.72	1537.71	741.35	742.27
68	26.13	1563.84	739.62	740.55
69	13.50	1577.33	739.69	740.54
70	12.97	1590.30	739.14	740.02
71	23.02	1613.32	737.80	739.53
72	24.28	1637.60	737.78	739.18
73	23.19	1660.78	737.49	739.14
74	15.19	1674.95	737.44	739.04
75	34.43	1710.41	737.16	739.06
76	24.99	1735.40	736.85	738.62
77	29.51	1764.91	736.20	738.60
78	20.77	1785.69	735.90	738.61
79	21.34	1807.03	735.75	738.59
80	64.27	1871.29	734.00	736.80
81	14.11	1885.40	733.38	736.44
82	25.00	1910.40	733.42	735.51
83	19.91	1930.31	733.03	735.03
84	17.05	1947.36	732.82	734.11
85	13.14	1960.51	732.62	733.89
86	25.04	1985.55	731.91	733.04
87	24.99	2010.53	730.76	731.49
88	25.00	2035.54	730.22	731.59
89	25.01	2060.55	729.89	730.98
90	24.91	2085.46	730.07	730.92
91	24.15	2109.61	729.43	730.70
92	25.10	2134.71	729.28	730.08
93	25.79	2160.50	728.48	730.14
94	22.58	2183.08	728.39	729.78
95	25.00	2208.08	728.20	729.56
96	8.33	2216.42	728.26	729.63
97	16.67	2233.08	728.24	729.47



PIQUETE	DIST. PARCIAL	DIST. ACUMULADA	COTA TERRENO	COTA TIRANTE
98		2258.08	728.06	729.21
99	24.99	2283.08	727.97	728.95
100	25.00	2308.07	727.79	728.83
101	25.01	2333.08	727.28	728.30
102	25.00	2358.09	726.71	727.92
103	24.98	2383.07	726.54	727.80
104	24.98	2408.06	726.49	727.63
105	25.02	2433.07	726.45	727.53
106	25.00	2458.07	726.07	727.19
107	25.01	2483.08	725.64	727.29
108	24.67	2507.75	725.92	727.18
109	24.55	2532.30	725.29	727.12
110	24.92	2557.22	724.90	727.04
111	24.93	2582.15	724.29	727.12
112	25.05	2607.20	723.27	724.52
113	25.01	2632.21	722.87	724.09
114	25.00	2657.21	722.19	723.12
115	25.00	2682.20	721.48	722.17
116	25.00	2707.21	720.54	721.91

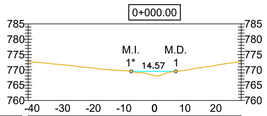
REFERENCIAS
- Pelo de Agua
- Terreno Natural

Esc:1/1,000

0 10 20 40 80

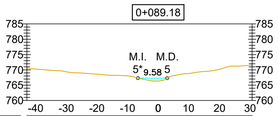
OBRA: SERVICIOS PROFESIONALES PARA LA DEFINICIÓN DE LA LÍNEA DE RIBERA EN LA ZONA URBANA DE LA LOCALIDAD DE VILLA GENERAL BELGRANO (DEPARTAMENTO CALAMUCHITA)			Plano N° 0001
PLANO: ARROYO LA TOMA PERFIL LONGITUDINAL			Localidad: Villa General Belgrano; Dpto.: Calamuchita
Escala: 1:1000	Fecha: Agosto 2020	Ministro: Ing. Fabian Lopez	
Topografía: Consular Consultores Argentinos Asociados S.A.		Secretario de Recursos Hídricos: Ing. Edgar Castelló	
Proyecto: Ing. Ramiro M. García		Presidente APRHI: Ing. Juan Pablo Brarda	
Dibujo: Ing. Lucia Otero		VOCALES APRHI: Wierzbicky/Plencovich/Herrero/Suaya	

0+000.00



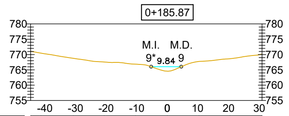
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8
DISTANCIAS PARCIALES	9.92	10.46	10.46	10.42	10.51	10.26	7.51	
DISTANCIAS ACUMULADAS	0.00	9.92	-20.38	-30.84	-41.26	-51.77	-62.03	-69.54
COTA TN	772.52	771.78	770.70	769.75	768.08	769.95	771.64	772.66
NIVEL TIRANTE	769.50							
DISTANCIAS LINEAS DE RIVERA	7.61	6.97						

0+089.18



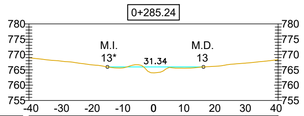
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES	1.58	10.42	10.42	10.42	10.04	10.80	10.42	9.45	
DISTANCIAS ACUMULADAS	0.00	1.58	-30.87	-20.45	-10.04	0.00	10.80	21.21	30.66
COTA TN	770.53	769.56	768.63	768.05	766.30	768.89	770.51	771.53	
NIVEL TIRANTE	767.30								
DISTANCIAS LINEAS DE RIVERA	6.61	2.97							

0+185.87



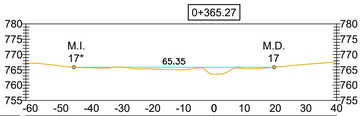
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES	3.37	10.61	10.04	10.25	10.38	10.31	10.12	10.12	
DISTANCIAS ACUMULADAS	0.00	3.37	-30.67	-20.63	-10.38	0.00	10.31	20.43	30.54
COTA TN	771.04	770.48	768.76	767.57	766.85	764.57	767.75	768.63	770.05
NIVEL TIRANTE	766.03								
DISTANCIAS LINEAS DE RIVERA	5.30	4.55							

0+285.24



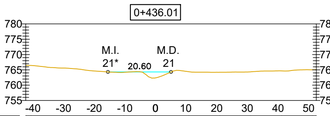
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES	10.07	10.07	10.07	10.09	10.04	10.07	10.03	10.00	10.54
DISTANCIAS ACUMULADAS	0.00	10.07	-30.22	-20.15	-10.09	0.00	10.04	20.11	30.14	40.68
COTA TN	768.33	767.87	766.64	765.64	764.03	765.55	766.16	767.21	768.26	770.14
NIVEL TIRANTE	765.96									
DISTANCIAS LINEAS DE RIVERA	15.04	16.30								

0+365.27



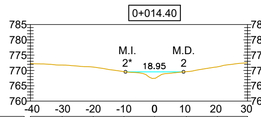
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11
DISTANCIAS PARCIALES	10.02	10.02	10.02	10.02	10.02	10.58	10.45	10.02	10.02	9.52	
DISTANCIAS ACUMULADAS	0.00	10.02	-40.63	-30.61	-20.60	-10.58	0.00	10.45	20.47	30.48	40.00
COTA TN	767.15	766.35	765.68	765.93	765.31	765.00	763.56	765.39	765.94	766.85	767.59
NIVEL TIRANTE	765.87										
DISTANCIAS LINEAS DE RIVERA	45.76	19.58									

0+436.01



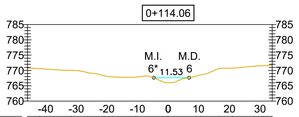
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
DISTANCIAS PARCIALES	10.11	10.11	10.11	10.31	10.91	10.11	10.02	10.19	10.03	
DISTANCIAS ACUMULADAS	0.00	10.11	-30.52	-20.42	-10.31	0.00	10.91	21.02	31.04	41.23	51.26
COTA TN	766.43	765.59	764.65	764.19	762.38	764.38	764.22	764.35	764.67	765.02	
NIVEL TIRANTE	764.32										
DISTANCIAS LINEAS DE RIVERA	15.51	5.10									

0+014.40



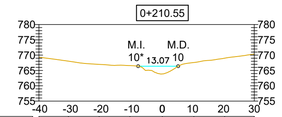
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8
DISTANCIAS PARCIALES	10.14	10.14	10.03	10.00	10.38	10.13	9.81	
DISTANCIAS ACUMULADAS	0.00	10.14	-30.17	-20.03	-10.00	0.00	10.38	20.51	30.32
COTA TN	772.25	771.76	771.11	769.62	767.43	769.62	771.17	772.53
NIVEL TIRANTE	769.54							
DISTANCIAS LINEAS DE RIVERA	9.48	9.47						

0+114.06



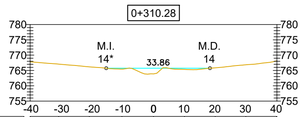
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
DISTANCIAS PARCIALES	3.96	10.34	10.71	10.38	10.53	10.78	10.14	10.09	2.95	
DISTANCIAS ACUMULADAS	0.00	3.96	-31.62	-20.91	-10.53	0.00	10.78	20.92	31.01	33.97
COTA TN	770.86	770.58	770.05	768.28	767.84	765.99	768.58	770.73	771.55	771.80
NIVEL TIRANTE	767.62									
DISTANCIAS LINEAS DE RIVERA	4.67	6.87								

0+210.55



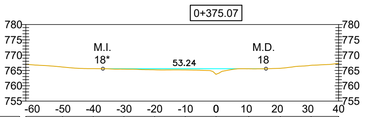
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8
DISTANCIAS PARCIALES	9.63	10.05	10.05	10.57	10.30	10.04	9.66	
DISTANCIAS ACUMULADAS	0.00	9.63	-30.67	-20.62	-10.57	0.00	10.30	20.34	30.00
COTA TN	769.34	768.04	766.98	766.60	763.88	767.59	769.01	770.33
NIVEL TIRANTE	766.38							
DISTANCIAS LINEAS DE RIVERA	7.89	5.18						

0+310.28



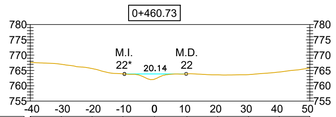
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES	9.32	10.02	10.64	10.32	10.10	10.02	10.02	10.02	
DISTANCIAS ACUMULADAS	0.00	9.32	-30.97	-20.96	-10.32	0.00	10.10	20.12	30.14	40.16
COTA TN	767.62	767.07	766.18	765.47	763.89	765.34	765.86	766.85	768.11
NIVEL TIRANTE	765.72								
DISTANCIAS LINEAS DE RIVERA	15.44	18.42							

0+375.07



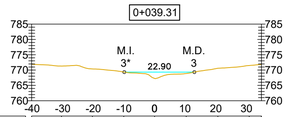
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11
DISTANCIAS PARCIALES	10.02	10.02	10.02	10.02	10.02	10.06	10.67	10.32	10.02	8.99	
DISTANCIAS ACUMULADAS	0.00	10.02	-40.10	-30.09	-20.07	-10.06	0.00	10.67	20.99	31.01	40.00
COTA TN	766.99	766.11	765.60	765.43	765.22	765.18	763.75	765.56	765.70	766.69	767.28
NIVEL TIRANTE	765.57										
DISTANCIAS LINEAS DE RIVERA	36.94	16.29									

0+460.73



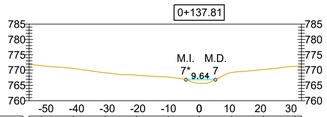
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
DISTANCIAS PARCIALES	10.04	10.04	10.04	10.31	10.62	10.04	10.04	10.04	10.02	
DISTANCIAS ACUMULADAS	0.00	10.04	-30.39	-20.35	-10.31	0.00	10.62	20.65	30.69	40.73	50.74
COTA TN	767.63	767.02	765.62	763.90	762.16	763.88	763.58	763.64	764.49	765.76
NIVEL TIRANTE	763.86									
DISTANCIAS LINEAS DE RIVERA	9.79	10.36								

0+039.31



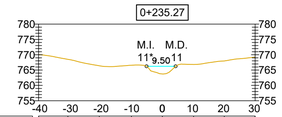
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8
DISTANCIAS PARCIALES	9.70	10.10	10.24	10.06	10.33	10.33	10.24	3.97
DISTANCIAS ACUMULADAS	0.00	9.70	-30.40	-20.30	-10.06	0.00	10.33	20.66	30.99	34.96
COTA TN	771.93	771.30	770.35	769.36	767.26	768.88	770.59	771.49
NIVEL TIRANTE	769.33							
DISTANCIAS LINEAS DE RIVERA	9.90	13.00						

0+137.81



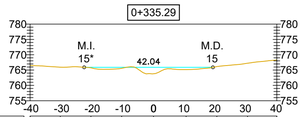
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES	10.34	10.43	10.25	10.34	10.08	10.60	10.34	10.34	
DISTANCIAS ACUMULADAS	0.00	10.34	-41.09	-30.66	-20.42	-10.08	0.00	10.60	20.93	31.27
COTA TN	771.41	770.50	769.12	768.36	767.71	765.68	769.19	770.17	771.21
NIVEL TIRANTE	766.84								
DISTANCIAS LINEAS DE RIVERA	4.31	5.32							

0+235.27



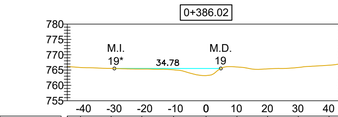
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8
DISTANCIAS PARCIALES	9.57	10.25	10.48	10.10	10.21	10.01	10.06	
DISTANCIAS ACUMULADAS	0.00	9.57	-30.83	-20.58	-10.10	0.00	10.21	20.22	30.23
COTA TN	770.05	768.50	766.39	766.58	763.73	766.83	767.97	769.22
NIVEL TIRANTE	766.22							
DISTANCIAS LINEAS DE RIVERA	5.16	4.34						

0+335.29



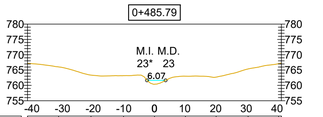
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES	9.85	10.02	10.02	10.41	10.64	10.02	10.02	9.56	
DISTANCIAS ACUMULADAS	0.00	9.85	-30.46	-20.43	-10.41	0.00	10.64	20.67	30.69	40.25
COTA TN	766.50	765.94	765.74	765.56	763.79	765.15	766.14	767.23	768.30
NIVEL TIRANTE	765.90								
DISTANCIAS LINEAS DE RIVERA	22.64	19.40							

0+386.02



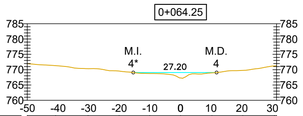
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11
DISTANCIAS PARCIALES	4.33	10.02	10.02	10.37	10.61	10.07	10.02	10.02	10.02	4.46	
DISTANCIAS ACUMULADAS	0.00	4.33	-40.61	-30.59	-20.98	-10.61	0.00	10.07	20.09	30.11	40.12	44.58
COTA TN	766.14	765.83	765.53	765.34	765.09	763.20	766.00	765.38	765.84	766.58	767.06
NIVEL TIRANTE	765.51										
DISTANCIAS LINEAS DE RIVERA	29.94	4.84									

0+485.79



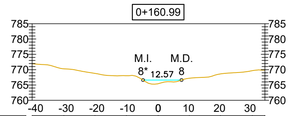
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
DISTANCIAS PARCIALES	10.16	10.57	10.62	10.08	10.12	10.02	10.43	10.00	3.84	
DISTANCIAS ACUMULADAS	0.00	10.16	-31.27	-20.71	-10.08	0.00	10.12	20.15	30.57	40.57	44.41
COTA TN	767.22	766.03	763.34	763.17	760.38	762.99	762.69	765.39	767.18	767.81
NIVEL TIRANTE	761.63									
DISTANCIAS LINEAS DE RIVERA	2.42	6.65								

0+064.25



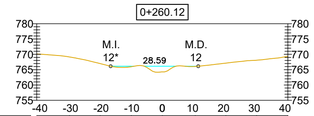
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES	9.27	10.59	10.11	10.03	10.05	10.24	10.07	10.36	
DISTANCIAS ACUMULADAS	0.00	9.27	-40.79	-30.19	-20.08	-10.05	0.00	10.24	20.31	31.34
COTA TN	771.95	771.30	770.32	769.54	768.75	767.29	768.95	769.76	771.27
NIVEL TIRANTE	769.06								
DISTANCIAS LINEAS DE RIVERA	15.44	11.77							

0+160.99



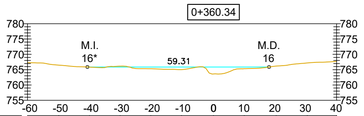
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES	10.37	10.14	10.28	10.37	10.18	10.17	10.38	4.13	
DISTANCIAS ACUMULADAS	0.00	10.37	-41.15	-30.78	-20.64	-10.37	0.00	10.18	20.35	30.73	34.86
COTA TN	771.95	770.27	768.79	768.02	765.41	767.21	768.62	769.68	769.87
NIVEL TIRANTE	766.61								
DISTANCIAS LINEAS DE RIVERA	4.93	7.65							

0+260.12



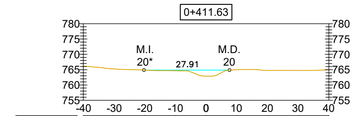
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES	0.67	10.01	10.01	10.15	10.14	10.73	10.01	10.01	10.01
DISTANCIAS ACUMULADAS	0.00	0.67	-30.30	-20.30	-10.14	0.00	10.73	20.74	30.75	40.88
COTA TN	770.11	769.14	766.98	765.96	764.27	766.04	767.14	768.07	769.31
NIVEL TIRANTE	766.12								
DISTANCIAS LINEAS DE RIVERA	16.86	11.72							

0+360.34



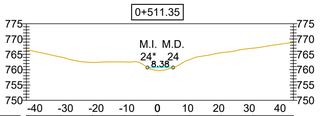
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11
DISTANCIAS PARCIALES	10.01	10.01	10.01	10.01	10.01	10.46	10.02	10.45	10.13	9.59	
DISTANCIAS ACUMULADAS	0.00	10.01	-50.52	-40.51	-30.49	-20.48	-10.46	0.00	10.02	20.47	30.60	40.19
COTA TN	767.31	766.48	765.84	766.14	765.31	765.02	763.60	765.33	766.17	767.18	767.70
NIVEL TIRANTE	765.87										
DISTANCIAS LINEAS DE RIVERA	41.17	18.14									

0+411.63



PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES	9.84	10.12	10.12	10.00	10.24	10.12	10.12	9.61	
DISTANCIAS ACUMULADAS	0.00	9.84	-30.24	-20.12	-10.00	0.00	10.24	20.35	30.47	40.08
COTA TN	766.13	765.25	764.88	764.66	762.90	764.99	764.73	764.74	764.96
NIVEL TIRANTE	764.87								
DISTANCIAS LINEAS DE RIVERA	20.27	7.64							

0+511.35



PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES	0.58	10.61	10.36	10.52	10.75	10.29	10.52	10.52	12.90	
DISTANCIAS ACUMULADAS	0.00	0.58	-31.62	-21.27	-10.75	0.00	10.29	20.80	31.32	44.37
COTA TN	766.43	764.13	762.35	762.53	759.76	763.20	765.53	767.03	768.88
NIVEL TIRANTE	760.69								
DISTANCIAS LINEAS DE RIVERA	3.24	4.13							

REFERENCIAS

- Pelo de Agua
- Terreno Natural

Esc:1/1,000

0 10 20 40 80

APRHI Administración Provincial de Recursos Hídricos — Ministerio de SERVICIOS PÚBLICOS — GOBIERNO DE LA PROVINCIA DE CÓRDOBA — ENTRE TODOS

OBRA: SERVICIOS PROFESIONALES PARA LA DEFINICIÓN DE LA LÍNEA DE RIBERA EN LA ZONA URBANA DE LA LOCALIDAD DE VILLA GENERAL BELGRANO (DEPARTAMENTO CALAMUCHITA)

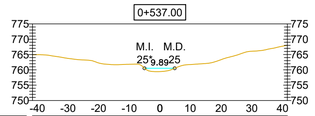
Plano N° 0001

PLANO: ARROYO LA TOMA
SECCIONES TRANSVERSALES

Escala: 1:1000	Fecha: Agosto 2020	Ministro: Ing. Fabian Lopez
Topografia: Consular Consultores Argentinos Asociados S.A.		Secretario de Recursos Hidricos: Ing. Edgar Castelló
Proyecto: Ing. Ramiro M. García		Presidente APRHI: Ing. Juan Pablo Brarda
Dibujo: Ing. Lucia Otero		VOCALES APRHI: Wierzbicky/Plencovich/Herrero/Suaya

Localidad Villa General Belgrano
Dpto. Calamuchita

0+537.00

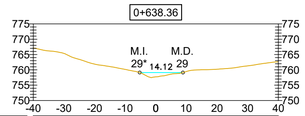


PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES		10.11	10.42	10.18	10.33	10.27	10.29	10.31	10.22	0.49
DISTANCIAS ACUMULADAS	-41.05	-30.94	-20.52	-10.33	0.00	10.27	20.56	30.87	41.10
COTA TN	764.34	763.87	762.42	761.81	759.44	761.75	763.53	766.11	767.62

NIVEL TIRANTE: 760.52

DISTANCIAS LINEAS DE RIVERA: 5.04 4.85

0+638.36

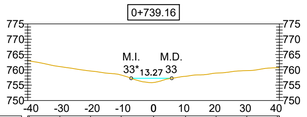


PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES		9.33	10.48	10.15	10.04	10.57	10.06	10.06	9.32
DISTANCIAS ACUMULADAS	-40.00	-30.67	-20.19	-10.04	0.00	10.57	20.62	30.68	40.00
COTA TN	767.13	765.57	761.93	760.16	757.71	759.63	760.24	761.38	762.61

NIVEL TIRANTE: 759.12

DISTANCIAS LINEAS DE RIVERA: 5.25 8.87

0+739.16

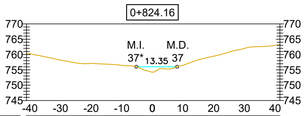


PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES	0.48	10.00	10.00	10.00	10.58	10.42	10.00	10.00	10.00	0.64
DISTANCIAS ACUMULADAS	-41.63	-31.63	-21.63	-11.63	-1.63	0.00	10.42	20.43	30.43	41.43
COTA TN	762.56	761.05	759.62	758.30	755.87	757.89	758.94	759.76	760.93

NIVEL TIRANTE: 757.24

DISTANCIAS LINEAS DE RIVERA: 7.32 5.95

0+824.16

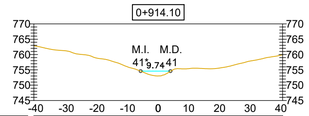


PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES	0.59	10.16	10.25	10.06	10.04	10.27	10.07	10.24	10.16	0.90
DISTANCIAS ACUMULADAS	-41.93	-31.93	-21.68	-11.43	-1.39	0.00	10.27	20.35	30.59	41.74
COTA TN	760.36	758.26	757.10	756.49	754.26	756.57	759.53	762.15	763.83	767.43

NIVEL TIRANTE: 756.00

DISTANCIAS LINEAS DE RIVERA: 5.25 8.10

0+914.10

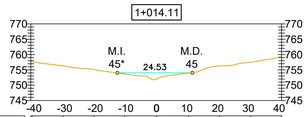


PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES		9.58	10.70	10.09	10.23	10.54	10.29	10.01	9.76	
DISTANCIAS ACUMULADAS	-40.60	-31.02	-20.32	-10.23	0.00	10.54	20.83	30.84	40.60
COTA TN	762.87	761.28	758.87	756.05	753.01	755.47	755.71	758.02	759.94

NIVEL TIRANTE: 754.58

DISTANCIAS LINEAS DE RIVERA: 5.74 4.00

1+014.11

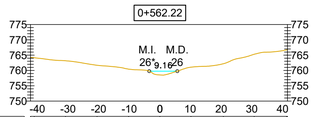


PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES	0.50	10.05	10.05	10.05	10.40	10.41	10.18	10.10	10.11	
DISTANCIAS ACUMULADAS	-40.94	-30.89	-20.84	-10.80	0.00	10.41	20.59	30.69	40.81
COTA TN	757.42	756.29	755.13	753.64	751.98	753.89	756.26	757.42	759.44

NIVEL TIRANTE: 754.03

DISTANCIAS LINEAS DE RIVERA: 12.83 11.70

0+562.22

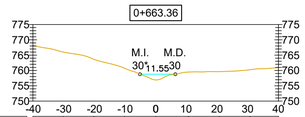


PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES		10.20	10.31	10.31	10.20	10.14	10.58	10.05	10.56	0.33
DISTANCIAS ACUMULADAS	-41.01	-30.81	-20.51	-10.20	0.00	10.14	20.72	30.76	41.33
COTA TN	764.15	763.16	761.69	760.42	758.54	761.07	762.19	765.28	766.69

NIVEL TIRANTE: 759.77

DISTANCIAS LINEAS DE RIVERA: 3.45 5.70

0+663.36

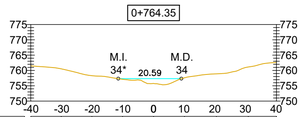


PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES		9.85	10.00	10.00	10.24	10.67	10.10	10.01	9.29	
DISTANCIAS ACUMULADAS	-40.69	-30.85	-20.85	-10.84	0.00	10.67	20.77	30.77	40.06
COTA TN	766.19	766.00	763.64	760.75	756.91	759.48	759.61	760.24	760.95

NIVEL TIRANTE: 758.77

DISTANCIAS LINEAS DE RIVERA: 5.15 6.41

0+764.35

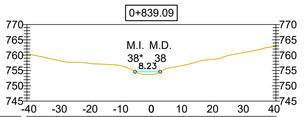


PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES		9.96	10.02	10.02	10.11	10.09	10.41	10.41	9.18	
DISTANCIAS ACUMULADAS	-40.10	-30.15	-20.13	-10.11	0.00	10.09	20.51	30.92	40.10
COTA TN	761.50	760.52	758.29	757.13	755.74	757.61	758.89	761.13	762.62

NIVEL TIRANTE: 757.32

DISTANCIAS LINEAS DE RIVERA: 11.52 9.07

0+839.09

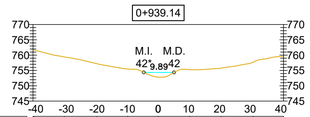


PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES		9.87	10.27	10.36	10.14	10.30	10.27	10.07	10.00	
DISTANCIAS ACUMULADAS	-40.64	-30.77	-20.50	-10.14	0.00	10.30	20.57	30.64	40.64
COTA TN	760.34	758.35	757.33	756.58	753.68	756.68	758.69	760.90	762.74

NIVEL TIRANTE: 754.58

DISTANCIAS LINEAS DE RIVERA: 5.34 2.89

0+939.14

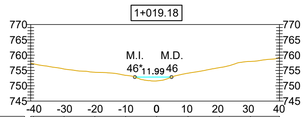


PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES		10.03	10.59	10.03	10.00	10.35	10.19	10.42	9.94	
DISTANCIAS ACUMULADAS	-40.65	-30.62	-20.03	-10.00	0.00	10.35	20.54	30.96	40.90
COTA TN	761.60	759.39	757.21	755.48	752.82	755.28	755.75	757.70	759.57

NIVEL TIRANTE: 754.36

DISTANCIAS LINEAS DE RIVERA: 4.73 5.16

1+019.18

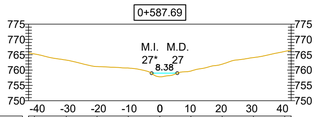


PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES		10.02	10.02	10.06	10.08	10.29	10.23	10.16	9.43	
DISTANCIAS ACUMULADAS	-40.19	-30.17	-20.14	-10.08	0.00	10.29	20.51	30.67	40.11
COTA TN	757.16	755.46	754.40	753.40	751.57	754.11	755.93	757.95	759.27

NIVEL TIRANTE: 752.84

DISTANCIAS LINEAS DE RIVERA: 7.09 4.90

0+587.69

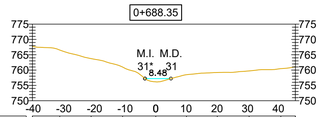


PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES	1.91	10.40	10.03	10.21	10.31	10.12	10.21	10.21	10.21	2.10
DISTANCIAS ACUMULADAS	-40.68	-30.28	-20.25	-10.22	-0.01	0.00	10.12	20.33	30.55	42.76
COTA TN	765.28	765.26	763.26	761.15	760.67	757.80	759.68	761.92	764.08	766.08

NIVEL TIRANTE: 758.99

DISTANCIAS LINEAS DE RIVERA: 2.65 5.68

0+688.35

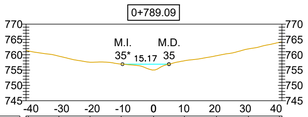


PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
DISTANCIAS PARCIALES		8.95	10.23	10.27	10.84	10.04	10.05	10.37	10.37	4.71	
DISTANCIAS ACUMULADAS	-40.29	-31.34	-21.11	-10.84	0.00	10.04	20.09	30.46	40.84	45.55
COTA TN	767.73	766.54	763.74	760.88	756.15	758.49	759.20	759.72	760.47	761.10

NIVEL TIRANTE: 757.22

DISTANCIAS LINEAS DE RIVERA: 3.53 4.95

0+789.09

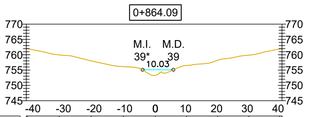


PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES		10.00	10.16	10.16	10.58	10.07	10.49	10.41	10.12	
DISTANCIAS ACUMULADAS	-40.91	-30.90	-20.74	-10.58	0.00	10.07	20.56	30.96	41.09
COTA TN	761.24	759.55	757.56	756.96	755.03	758.04	759.68	761.92	764.03

NIVEL TIRANTE: 756.92

DISTANCIAS LINEAS DE RIVERA: 10.13 5.04

0+864.09

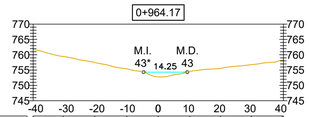


PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES		10.39	10.40	10.53	10.46	10.18	10.15	10.20	10.05	
DISTANCIAS ACUMULADAS	-41.78	-31.39	-20.99	-10.46	0.00	10.18	20.33	30.53	40.59
COTA TN	762.05	759.95	758.01	756.13	753.27	756.51	758.22	759.88	761.88

NIVEL TIRANTE: 755.09

DISTANCIAS LINEAS DE RIVERA: 4.17 5.87

0+964.17

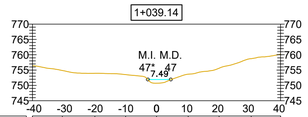


PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES		9.82	10.29	10.45	10.28	10.29	10.02	10.07	10.05	
DISTANCIAS ACUMULADAS	-40.63	-31.01	-20.73	-10.28	0.00	10.29	20.31	30.38	40.43
COTA TN	761.63	759.44	757.48	755.41	752.78	754.56	755.52	756.77	758.24

NIVEL TIRANTE: 754.32

DISTANCIAS LINEAS DE RIVERA: 4.77 9.48

1+039.14

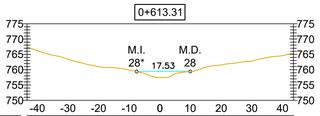


PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES		9.72	10.65	10.03	10.10	10.34	10.06	10.51	9.58	
DISTANCIAS ACUMULADAS	-40.49	-30.78	-20.13	-10.10	0.00	10.34	20.41	30.92	40.49
COTA TN	756.44	754.87	753.94	753.52	750.71	753.65	755.59	758.72	760.18

NIVEL TIRANTE: 751.92

DISTANCIAS LINEAS DE RIVERA: 2.84 6.66

0+613.31

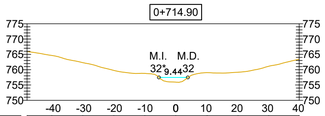


PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES	2.61	10.14	10.14	10.14	10.35	10.47	10.44	10.31	10.14	2.25
DISTANCIAS ACUMULADAS	-43.35	-33.21	-23.07	-12.93	-2.79	0.00	10.47	20.91	31.35	43.60
COTA TN	767.39	766.47	763.62	761.07	759.99	757.53	759.46	761.72	763.11	764.89

NIVEL TIRANTE: 759.41

DISTANCIAS LINEAS DE RIVERA: 7.58 9.95

0+714.90

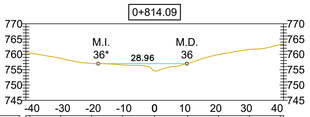


PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
DISTANCIAS PARCIALES		8.07	10.13	10.13	10.13	10.08	10.24	10.09	10.02	9.95	
DISTANCIAS ACUMULADAS	-40.54	-32.47	-22.34	-12.21	-2.08	0.00	10.24	20.32	30.34	40.30
COTA TN	765.92	764.63	762.29	759.76	758.79	755.93	759.03	759.17	761.11	763.41

NIVEL TIRANTE: 757.46

DISTANCIAS LINEAS DE RIVERA: 5.43 8.95

0+814.09

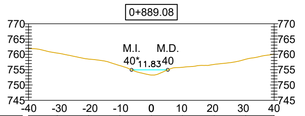


PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES		10.10	10.10	10.10	10.44	10.77	10.10	10.10	10.10	
DISTANCIAS ACUMULADAS	-40.74	-30.64	-20.54	-10.44	0.00	10.77	20.87	30.97	41.06
COTA TN	760.46	758.73	757.03	756.54	754.61	757.03	759.92	761.62	763.16

NIVEL TIRANTE: 756.97

DISTANCIAS LINEAS DE RIVERA: 18.42 10.54

0+889.08

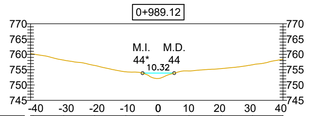


PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES		9.36	10.21	10.25	10.29	10.13	10.39	10.28	9.28	
DISTANCIAS ACUMULADAS	-40.11	-30.75	-20.54	-10.29	0.00	10.13	20.52	30.80	40.08
COTA TN	761.88	760.42	758.46	756.33	753.25	755.79	756.73	758.42	760.11

NIVEL TIRANTE: 754.95

DISTANCIAS LINEAS DE RIVERA: 6.47 5.35

0+989.12

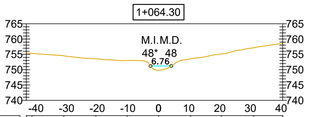


PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES		10.04	10.07	10.20	10.58	10.03	10.51	10.23	9.94	
DISTANCIAS ACUMULADAS	-40.88	-30.85	-20.78	-10.58	0.00	10.03	20.54	30.76	40.71
COTA TN	761.12	758.11	756.37	754.30	752.14	754.59	755.35	756.59	758.43

NIVEL TIRANTE: 753.88

DISTANCIAS LINEAS DE RIVERA: 5.11 5.21

1+064.30



PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES		10.36	10.47	10.24	10.22	10.49	10.04	10.56	9.45	
DISTANCIAS ACUMULADAS	-41.29	-30.94	-20.46	-10.22	0.00	10.49	20.53	31.09	40.54
COTA TN	755.31	754.52	753.58	753.01	749.80	753.51	755.12	757.16	758.57

NIVEL TIRANTE: 751.22

DISTANCIAS LINEAS DE RIVERA: 2.56 7.17

REFERENCIAS

- Pelo de Agua
- Terreno Natural

Esc:1/1,000

0 10 20 40 80

APRHI Administración Provincial de Recursos Hídricos | Ministerio de SERVICIOS PUBLICOS | GOBIERNO DE LA PROVINCIA DE CÓRDOBA | ENTRE TODOS

OBRA: SERVICIOS PROFESIONALES PARA LA DEFINICIÓN DE LA LÍNEA DE RIBERA EN LA ZONA URBANA DE LA LOCALIDAD DE VILLA GENERAL BELGRANO (DEPARTAMENTO CALAMUCHITA)

Plano N° 0002

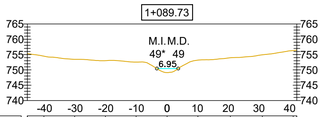
Localidad: Villa General Belgrano

Dpto.: Calamuchita

PLANO: ARROYO LA TOMA
SECCIONES TRANSVERSALES

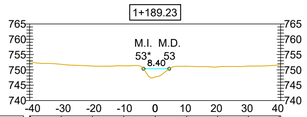
Escala: 1:1000	Fecha: Agosto 2020	Ministro: Ing. Fabian Lopez
Topografia: Consular Consultores Argentinos Asociados S.A.		Secretario de Recursos Hidricos: Ing. Edgar Castelló
Proyecto: Ing. Ramiro M. Garcia		Presidente APRHI: Ing. Juan Pablo Brarda
Dibujo: Ing. Lucia Otero		VOCALES APRHI: Wierzbicky/Plencovich/Herrero/Suaya

1+089.73



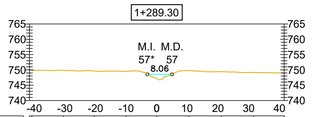
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
DISTANCIAS PARCIALES	5.42	10.03	10.03	10.03	10.12	10.05	10.61	10.45	10.06	
DISTANCIAS ACUMULADAS	-45.63	-40.21	-30.18	-20.15	-10.12	0.00	10.05	20.66	31.10	41.16
COTA TN	750.31	754.48	753.44	753.01	752.55	749.12	753.18	753.96	754.92	758.30
NIVEL TIRANTE	750.43									
DISTANCIAS LINEAS DE RIVERA	3.33	3.64								

1+189.23



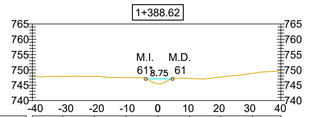
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES	0.23	10.06	10.20	10.22	10.25	10.30	10.06	10.06	10.48
DISTANCIAS ACUMULADAS	-40.94	-40.71	-30.65	-20.47	-10.25	0.00	10.30	20.36	30.43	40.49
COTA TN	752.05	751.81	751.24	751.34	747.68	751.18	750.99	751.22	751.60
NIVEL TIRANTE	750.36								
DISTANCIAS LINEAS DE RIVERA	3.84	4.59							

1+289.30



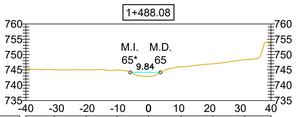
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES	0.82	10.23	10.10	10.40	10.02	10.47	10.62	10.49	9.99
DISTANCIAS ACUMULADAS	-41.75	-40.93	-30.53	-20.42	-10.02	0.00	10.47	21.09	31.58	41.57
COTA TN	748.88	749.88	749.87	749.64	749.51	747.18	749.77	749.41	749.13	749.03
NIVEL TIRANTE	748.54								
DISTANCIAS LINEAS DE RIVERA	3.07	4.98							

1+388.62



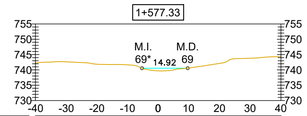
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES	9.92	10.30	10.36	10.38	10.34	10.20	10.34	9.28	
DISTANCIAS ACUMULADAS	-40.97	-31.05	-20.75	-10.38	0.00	10.34	20.55	30.89	40.16
COTA TN	747.90	747.88	747.88	747.47	745.46	747.19	747.65	748.84	749.74
NIVEL TIRANTE	747.06								
DISTANCIAS LINEAS DE RIVERA	3.94	4.81							

1+488.08



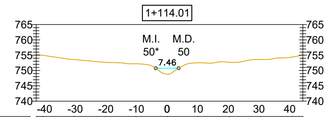
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES	9.20	10.45	10.12	10.23	10.61	10.42	10.42	8.55	
DISTANCIAS ACUMULADAS	-40.00	-30.80	-20.35	-10.23	0.00	10.61	21.03	31.45	40.00
COTA TN	745.65	745.06	745.01	744.94	742.89	746.02	746.96	748.35	753.23
NIVEL TIRANTE	744.19								
DISTANCIAS LINEAS DE RIVERA	5.93	3.91							

1+577.33



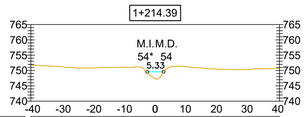
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES	8.77	10.39	10.63	10.31	10.13	10.63	10.24	9.09	
DISTANCIAS ACUMULADAS	-40.09	-31.32	-20.93	-10.31	0.00	10.13	20.76	31.00	40.09
COTA TN	742.67	742.67	741.94	741.65	739.69	740.60	742.23	743.83	744.40
NIVEL TIRANTE	740.54								
DISTANCIAS LINEAS DE RIVERA	5.27	9.65							

1+114.01



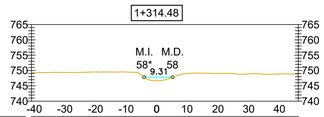
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
DISTANCIAS PARCIALES	2.12	10.24	10.23	10.01	10.16	10.01	10.31	10.25	10.24	3.52
DISTANCIAS ACUMULADAS	-40.27	-38.15	-30.03	-20.40	-10.16	0.00	10.01	20.31	30.56	40.80	44.33
COTA TN	755.24	753.97	753.57	752.65	752.21	748.79	752.51	752.69	753.57	754.37	756.09
NIVEL TIRANTE	750.74									
DISTANCIAS LINEAS DE RIVERA	3.78	3.76								

1+214.39



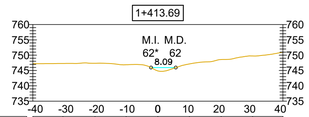
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES	10.02	10.07	10.07	10.43	10.00	10.28	10.41	9.89	
DISTANCIAS ACUMULADAS	-40.58	-30.57	-20.50	-10.43	0.00	10.00	20.28	30.69	40.58
COTA TN	751.60	751.24	750.80	751.04	747.30	751.29	750.45	750.36	750.71
NIVEL TIRANTE	749.56								
DISTANCIAS LINEAS DE RIVERA	2.56	2.77							

1+314.48



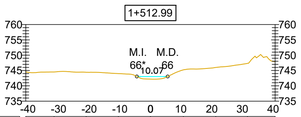
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
DISTANCIAS PARCIALES	10.19	10.02	10.16	10.52	10.41	10.03	10.21	10.07	5.48	
DISTANCIAS ACUMULADAS	-40.88	-30.69	-20.67	-10.52	0.00	10.41	20.44	30.64	40.72	46.20
COTA TN	749.28	749.40	749.52	749.54	746.63	749.04	749.00	748.93	748.89	749.65
NIVEL TIRANTE	747.79									
DISTANCIAS LINEAS DE RIVERA	4.12	5.18								

1+413.69



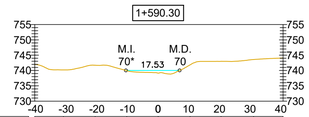
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES	9.82	10.49	10.16	10.35	10.29	10.36	10.28	9.88	
DISTANCIAS ACUMULADAS	-40.82	-31.00	-20.51	-10.35	0.00	10.29	20.66	30.94	40.82
COTA TN	747.22	747.30	747.35	746.88	744.86	747.14	748.58	749.75	750.95
NIVEL TIRANTE	745.95								
DISTANCIAS LINEAS DE RIVERA	2.23	5.86							

1+512.99



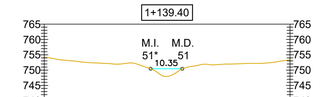
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES	9.22	10.48	10.51	10.48	10.75	10.56	10.35	9.04	
DISTANCIAS ACUMULADAS	-40.70	-31.48	-20.99	-10.48	0.00	10.75	21.31	31.67	40.70
COTA TN	744.54	744.51	744.42	743.99	742.19	745.21	745.99	747.32	747.67
NIVEL TIRANTE	743.04								
DISTANCIAS LINEAS DE RIVERA	4.44	5.63							

1+590.30



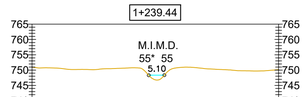
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES	9.34	10.35	10.35	10.23	10.41	10.14	10.62	9.63	
DISTANCIAS ACUMULADAS	-40.27	-30.93	-20.58	-10.23	0.00	10.41	20.54	31.16	40.79
COTA TN	741.97	740.19	741.72	739.94	739.14	741.83	742.99	743.58	744.06
NIVEL TIRANTE	740.02								
DISTANCIAS LINEAS DE RIVERA	10.52	7.02							

1+139.40



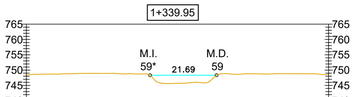
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES	9.10	10.48	10.51	10.04	10.14	10.28	10.04	9.67	
DISTANCIAS ACUMULADAS	-40.13	-31.03	-20.55	-10.04	0.00	10.14	20.42	30.46	40.13
COTA TN	754.20	753.00	752.20	752.04	747.93	751.57	751.97	752.20	753.34
NIVEL TIRANTE	750.44								
DISTANCIAS LINEAS DE RIVERA	5.37	4.99							

1+239.44



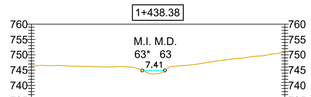
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES	9.98	10.09	10.09	10.05	10.29	10.06	10.06	9.89	
DISTANCIAS ACUMULADAS	-40.21	-30.23	-20.14	-10.05	0.00	10.29	20.35	30.41	40.30
COTA TN	750.96	750.49	750.13	750.64	746.83	750.97	750.24	749.76	750.15
NIVEL TIRANTE	748.35								
DISTANCIAS LINEAS DE RIVERA	2.09	3.01							

1+339.95



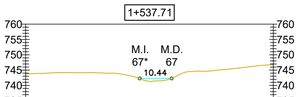
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11
DISTANCIAS PARCIALES	7.16	10.09	10.19	10.23	10.14	10.33	10.23	10.23	10.09	10.01	
DISTANCIAS ACUMULADAS	-41.91	-40.65	-30.56	-20.37	-10.14	0.00	10.33	20.56	30.80	40.88	50.89
COTA TN	748.44	748.70	748.91	748.94	748.75	745.64	745.79	748.61	748.71	748.81	748.62
NIVEL TIRANTE	748.33										
DISTANCIAS LINEAS DE RIVERA	7.38	14.31									

1+438.38



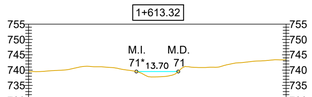
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES	10.09	10.09	10.16	10.05	10.10	10.72	10.25	10.12	
DISTANCIAS ACUMULADAS	-41.19	-30.31	-20.21	-10.05	0.00	10.10	20.82	31.07	41.19
COTA TN	746.40	746.42	746.11	746.08	743.83	746.62	748.17	749.45	750.71
NIVEL TIRANTE	744.86								
DISTANCIAS LINEAS DE RIVERA	5.10	2.31							

1+537.71



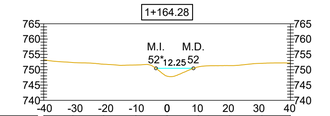
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES	9.84	10.11	10.44	10.03	10.02	10.23	10.23	9.94	
DISTANCIAS ACUMULADAS	-40.41	-30.57	-20.47	-10.03	0.00	10.02	20.25	30.48	40.41
COTA TN	743.68	744.16	744.17	743.83	741.35	743.71	744.74	745.83	746.72
NIVEL TIRANTE	742.27								
DISTANCIAS LINEAS DE RIVERA	3.20	7.24							

1+613.32



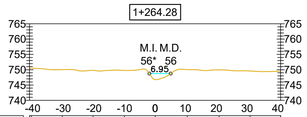
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES	10.61	10.13	10.36	10.33	10.16	10.51	10.73	10.18	
DISTANCIAS ACUMULADAS	-41.42	-30.81	-20.68	-10.33	0.00	10.16	20.68	31.41	41.69
COTA TN	739.53	740.01	741.10	740.04	737.80	741.06	741.25	742.91	743.41
NIVEL TIRANTE	739.53								
DISTANCIAS LINEAS DE RIVERA	7.12	6.58							

1+164.28



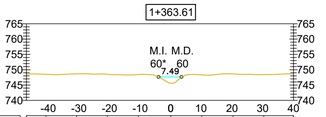
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES	9.53	10.05	10.52	10.18	10.16	10.25	10.56	9.30	
DISTANCIAS ACUMULADAS	-40.27	-30.74	-20.70	-10.18	0.00	10.16	20.41	30.97	40.27
COTA TN	753.25	752.34	751.79	751.54	747.89	750.92	751.34	752.09	752.19
NIVEL TIRANTE	750.46								
DISTANCIAS LINEAS DE RIVERA	3.64	8.61							

1+264.28



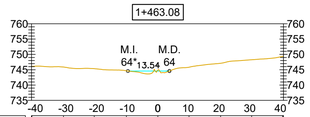
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES	10.04	10.04	10.27	10.03	10.48	10.38	10.12	9.97	
DISTANCIAS ACUMULADAS	-40.39	-30.34	-20.30	-10.03	0.00	10.48	20.87	30.99	40.96
COTA TN	750.46	750.01	749.79	749.76	746.77	750.03	749.94	749.58	749.49
NIVEL TIRANTE	748.75								
DISTANCIAS LINEAS DE RIVERA	1.89	5.06							

1+363.61



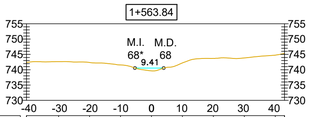
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
DISTANCIAS PARCIALES	6.41	10.01	10.01	10.14	10.57	10.14	10.21	10.01	9.71	
DISTANCIAS ACUMULADAS	-47.14	-40.74	-30.72	-20.71	-10.57	0.00	10.14	20.35	30.37	40.07
COTA TN	748.53	748.51	748.66	748.53	748.43	745.60	748.31	748.63	748.44	748.60
NIVEL TIRANTE	747.64									
DISTANCIAS LINEAS DE RIVERA	3.98	3.50								

1+463.08



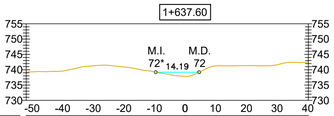
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES	10.31	10.03	10.50	10.28	10.18	10.33	10.11	10.11	
DISTANCIAS ACUMULADAS	-41.24	-30.81	-20.78	-10.28	0.00	10.18	20.50	30.61	40.72
COTA TN	746.69	745.88	745.35	744.66	744.87	745.82	747.10	748.25	749.36
NIVEL TIRANTE	744.57								
DISTANCIAS LINEAS DE RIVERA	9.76	3.78							

1+563.84



PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
DISTANCIAS PARCIALES	0.00	10.47	10.10	10.11	10.11	10.10	10.10	10.10	3.02	
DISTANCIAS ACUMULADAS	-40.79	-30.32	-20.21	-10.11	0.00	10.10	20.21	30.31	40.42	43.43
COTA TN	742.38	742.65	742.37	741.56	739.62	742.21	743.69	743.84	744.76	745.99
NIVEL TIRANTE	740.55									
DISTANCIAS LINEAS DE RIVERA	5.41	4.01								

1+637.60



PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
DISTANCIAS PARCIALES	10.42	10.09	10.42	10.09	10.17	10.00	10.07	10.46	9.67	
DISTANCIAS ACUMULADAS	-41.19	-40.77	-30.68	-20.26	-10.17	0.00	10.00	20.07	30.53	40.20
COTA TN	739.28	739.50	741.22	740.92	739.35	737.78	741.25	741.35	741.74	742.49
NIVEL TIRANTE	739.18									
DISTANCIAS LINEAS DE RIVERA	9.60	4.58								

REFERENCIAS

Pelo de Agua

Terreno Natural

Esc:1/1,000

0 10 20 40 80

APRHI Administración Provincial de Recursos Hídricos | Ministerio de SERVICIOS PÚBLICOS | GOBIERNO DE LA PROVINCIA DE CÓRDOBA | ENTRE TODOS

OBRA:
SERVICIOS PROFESIONALES PARA LA DEFINICIÓN DE LA LÍNEA DE RIBERA EN LA ZONA URBANA DE LA LOCALIDAD DE VILLA GENERAL BELGRANO (DEPARTAMENTO CALAMUCHITA)

Plano N° 0003

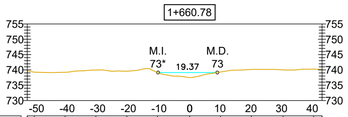
Localidad: Villa General Belgrano

Dpto.: Calamuchita

PLANO:
ARROYO LA TOMA
SECCIONES TRANSVERSALES

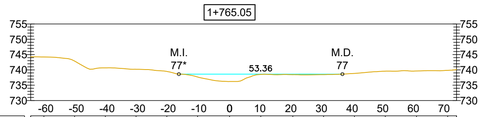
Escala: 1:1000	Fecha: Agosto 2020	Ministro: Ing. Fabian Lopez
Topografia: Consular Consultores Argentinos Asociados S.A.		Secretario de Recursos Hídricos: Ing. Edgar Castelló
Proyecto: Ing. Ramiro M. Garcia		Presidente APRHI: Ing. Juan Pablo Brarda
Dibujo: Ing. Lucia Otero		VOCALES APRHI: Wierzbicky/Plencovich/Herrero/Suaya

1+660.78



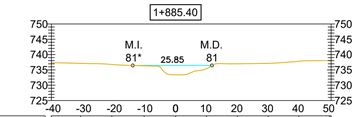
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
DISTANCIAS PARCIALES		10.06	10.06	10.10	10.01	10.50	10.08	10.07	10.35	10.01
DISTANCIAS ACUMULADAS	-50.73	-40.67	-30.61	-20.51	-10.50	0.00	10.08	20.15	30.50	40.51
COTA TN	739.25	739.23	739.94	739.59	739.26	737.49	739.31	740.14	740.00	740.26
NIVEL TIRANTE	739.14									
DISTANCIAS LINEAS DE RIVERA	10.31	9.05								

1+765.05



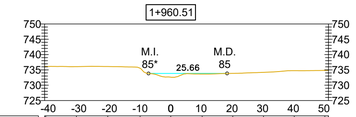
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15
DISTANCIAS PARCIALES	4.31	10.03	10.03	10.03	10.03	10.03	10.45	10.20	10.45	10.03	10.10	10.06	10.19	10.19	2.91
DISTANCIAS ACUMULADAS	-64.93	-60.62	-50.58	-40.55	-30.52	-20.48	-10.45	0.00	10.20	20.65	30.68	40.77	50.84	61.03	71.22
COTA TN	744.28	744.21	742.87	740.66	740.20	739.49	737.68	736.21	738.52	738.44	738.46	738.84	739.59	739.64	738.86
NIVEL TIRANTE	738.60														
DISTANCIAS LINEAS DE RIVERA	16.21	36.77													

1+885.40



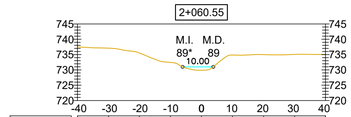
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
DISTANCIAS PARCIALES		9.54	10.21	10.55	10.27	10.11	10.03	10.03	10.03	10.03
DISTANCIAS ACUMULADAS	-41.57	-31.03	-20.82	-10.27	0.00	10.11	20.14	30.18	40.21	50.25
COTA TN	737.36	737.13	736.76	736.34	733.38	735.40	736.99	737.13	737.83	738.06
NIVEL TIRANTE	736.44									
DISTANCIAS LINEAS DE RIVERA	13.99	11.86								

1+960.51



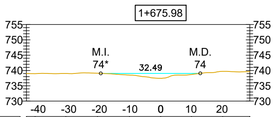
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
DISTANCIAS PARCIALES		10.01	10.23	10.56	10.02	10.25	10.01	10.01	10.01	10.01
DISTANCIAS ACUMULADAS	-40.82	-30.80	-20.58	-10.02	0.00	10.25	20.27	30.28	40.29	50.31
COTA TN	736.11	736.06	736.09	735.54	732.62	733.65	733.85	734.20	734.75	734.83
NIVEL TIRANTE	733.83									
DISTANCIAS LINEAS DE RIVERA	7.27	18.39								

2+060.55



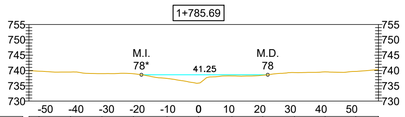
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES		10.17	10.03	10.14	10.14	10.15	10.14	10.14	10.05
DISTANCIAS ACUMULADAS	-40.49	-30.31	-20.28	-10.14	0.00	10.15	20.29	30.44	40.49
COTA TN	737.51	737.09	735.53	732.42	728.89	734.84	734.98	735.05	735.03
NIVEL TIRANTE	730.98								
DISTANCIAS LINEAS DE RIVERA	6.13	3.87							

1+675.98



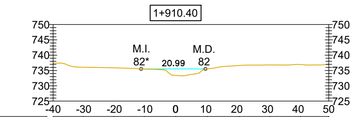
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8
DISTANCIAS PARCIALES	2.84	10.04	10.33	10.45	10.19	10.06	10.20	8.86
DISTANCIAS ACUMULADAS	-41.01	-30.96	-20.64	-10.19	0.00	10.06	20.26	29.11
COTA TN	738.97	739.02	739.10	738.50	737.46	738.69	739.72	739.65
NIVEL TIRANTE	739.04							
DISTANCIAS LINEAS DE RIVERA	19.55	12.93						

1+785.69



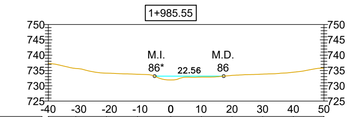
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13
DISTANCIAS PARCIALES	3.27	10.29	10.26	10.28	10.97	10.31	10.89	10.07	10.36	10.00	10.00	7.39	
DISTANCIAS ACUMULADAS	-55.37	-52.11	-41.82	-31.55	-21.27	-10.31	0.00	10.89	20.96	31.32	41.32	51.32	58.70
COTA TN	739.69	739.77	739.49	738.97	738.84	737.41	735.90	738.23	738.45	739.31	739.55	739.70	740.26
NIVEL TIRANTE	738.61												
DISTANCIAS LINEAS DE RIVERA	18.69	22.60											

1+910.40



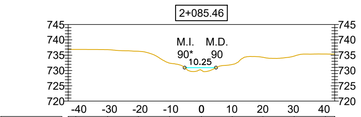
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
DISTANCIAS PARCIALES		9.78	10.00	10.00	10.22	10.32	10.45	10.00	10.00	9.23
DISTANCIAS ACUMULADAS	-40.00	-30.22	-20.22	-10.22	0.00	10.32	20.78	30.78	40.78	50.00
COTA TN	737.39	736.07	735.87	735.46	733.42	735.55	736.65	736.81	736.95	737.60
NIVEL TIRANTE	735.52									
DISTANCIAS LINEAS DE RIVERA	11.24	9.74								

1+985.55



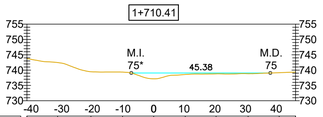
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
DISTANCIAS PARCIALES		9.01	10.00	10.12	10.88	10.01	10.00	10.00	10.00	10.00
DISTANCIAS ACUMULADAS	-40.01	-31.00	-21.00	-10.88	0.00	10.01	20.01	30.01	40.01	50.01
COTA TN	737.35	735.65	734.13	733.77	731.91	732.85	733.40	733.82	734.44	735.79
NIVEL TIRANTE	733.15									
DISTANCIAS LINEAS DE RIVERA	5.26	17.30								

2+085.46



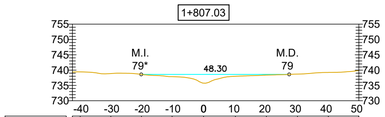
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11
DISTANCIAS PARCIALES		2.50	10.39	10.02	10.22	10.39	10.06	10.02	10.19	10.19	3.05
DISTANCIAS ACUMULADAS	-42.55	-41.02	-30.63	-20.61	-10.39	0.00	10.06	20.08	30.27	40.46	49.52
COTA TN	736.62	736.67	736.81	736.28	732.40	730.07	731.96	734.31	734.71	735.37	735.37
NIVEL TIRANTE	730.92										
DISTANCIAS LINEAS DE RIVERA	5.49	4.76									

1+710.41



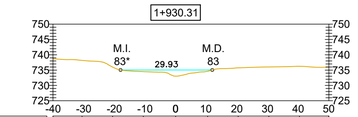
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
DISTANCIAS PARCIALES		10.02	10.88	10.33	10.14	10.30	10.08	10.44	10.14	5.38
DISTANCIAS ACUMULADAS	-41.37	-31.35	-20.47	-10.14	0.00	10.30	20.38	30.82	40.96	46.34
COTA TN	743.77	742.46	739.46	739.35	737.16	738.57	738.79	738.83	739.15	739.38
NIVEL TIRANTE	739.06									
DISTANCIAS LINEAS DE RIVERA	7.30	38.08								

1+807.03



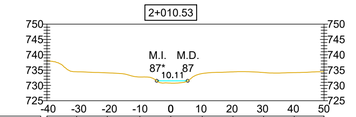
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
DISTANCIAS PARCIALES		10.00	10.00	10.00	10.28	10.39	10.12	10.12	10.09	9.98
DISTANCIAS ACUMULADAS	-40.28	-30.28	-20.28	-10.28	0.00	10.39	20.51	30.63	40.72	50.71
COTA TN	739.42	738.88	738.58	737.87	735.75	737.99	738.38	738.71	739.24	739.69
NIVEL TIRANTE	738.59									
DISTANCIAS LINEAS DE RIVERA	20.35	27.95								

1+930.31



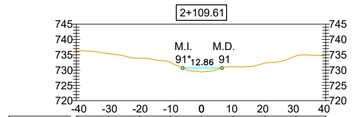
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
DISTANCIAS PARCIALES		9.47	10.00	10.00	10.56	10.44	10.00	10.00	10.00	9.59
DISTANCIAS ACUMULADAS	-40.03	-30.56	-20.56	-10.56	0.00	10.44	20.44	30.44	40.44	50.04
COTA TN	738.67	738.17	735.97	734.51	733.03	734.59	735.75	736.04	736.23	736.61
NIVEL TIRANTE	735.03									
DISTANCIAS LINEAS DE RIVERA	17.97	11.97								

2+010.53



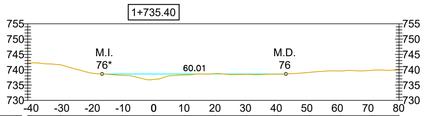
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
DISTANCIAS PARCIALES		9.71	10.01	10.62	10.10	10.27	10.03	10.01	10.01	9.73
DISTANCIAS ACUMULADAS	-40.43	-30.72	-20.72	-10.10	0.00	10.27	20.30	30.31	40.31	50.04
COTA TN	738.03	734.45	734.10	732.75	730.76	733.89	734.43	734.20	734.18	734.55
NIVEL TIRANTE	731.49									
DISTANCIAS LINEAS DE RIVERA	4.57	5.54								

2+109.61



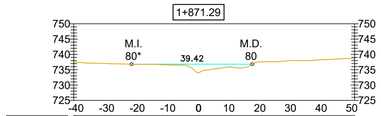
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES		10.05	10.05	10.05	10.23	10.36	10.40	10.05	9.77
DISTANCIAS ACUMULADAS	-40.37	-30.32	-20.28	-10.23	0.00	10.36	20.76	30.81	40.58
COTA TN	736.26	735.38	733.87	732.55	729.43	731.09	732.29	734.62	734.70
NIVEL TIRANTE	730.70								
DISTANCIAS LINEAS DE RIVERA	6.12	6.73							

1+735.40



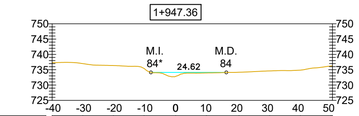
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13
DISTANCIAS PARCIALES		10.12	10.12	10.18	10.13	10.03	10.12	10.04	10.20	10.48	10.22	10.22	8.81
DISTANCIAS ACUMULADAS	-41.10	-30.44	-20.32	-10.13	0.00	10.03	20.15	30.19	40.38	50.86	61.08	71.30	80.11
COTA TN	742.27	741.61	738.90	738.16	736.85	738.29	738.71	738.50	738.54	739.14	739.58	739.84	739.99
NIVEL TIRANTE	738.62												
DISTANCIAS LINEAS DE RIVERA	16.84	43.17											

1+871.29



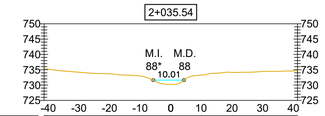
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
DISTANCIAS PARCIALES		10.05	10.05	10.05	10.25	10.52	10.09	10.09	10.09	10.09
DISTANCIAS ACUMULADAS	-40.41	-30.36	-20.31	-10.25	0.00	10.52	20.61	30.70	40.79	50.88
COTA TN	737.49	737.02	736.76	736.60	734.00	735.91	737.60	738.01	738.26	738.66
NIVEL TIRANTE	736.80									
DISTANCIAS LINEAS DE RIVERA	21.86	17.56								

1+947.36



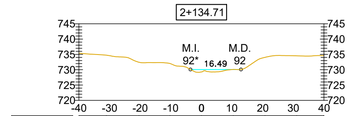
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
DISTANCIAS PARCIALES	0.01	10.00	10.00	10.00	10.29	10.07	10.65	10.00	10.00	10.00
DISTANCIAS ACUMULADAS	-40.01	-30.01	-20.01	-10.01	0.00	10.07	20.72	30.72	40.72	50.73
COTA TN	737.32	737.00	736.37	735.44	732.82	733.95	734.17	734.61	734.86	736.21
NIVEL TIRANTE	734.11									
DISTANCIAS LINEAS DE RIVERA	8.06	16.57								

2+035.54



PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES		10.02	10.05	10.33	10.66	10.06	10.02	10.02	10.02
DISTANCIAS ACUMULADAS	-41.35	-31.03	-20.98	-10.66	0.00	10.06	20.08	30.11	40.13
COTA TN	735.37	734.27	733.72	733.02	730.22	733.27	734.14	734.43	734.80
NIVEL TIRANTE	731.59								
DISTANCIAS LINEAS DE RIVERA	5.69	4.32							

2+134.71



PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES		8.98	10.61	10.15	10.26	10.39	10.35	10.35	8.90
DISTANCIAS ACUMULADAS	-40.60	-31.02	-20.41	-10.26	0.00	10.39	20.74	31.10	40.00
COTA TN	735.40	734.74	732.45	732.04	729.28	730.09	734.02	734.53	734.62
NIVEL TIRANTE	730.08								
DISTANCIAS LINEAS DE RIVERA	3.57	12.92							

REFERENCIAS

- Pelo de Agua
- Terreno Natural

Esc:1/1,000

0 10 20 40 80

APRHI Administración Provincial de Recursos Hídricos | Ministerio de SERVICIOS PÚBLICOS | GOBIERNO DE LA PROVINCIA DE CÓRDOBA | ENTRE TODOS

OBRA: SERVICIOS PROFESIONALES PARA LA DEFINICIÓN DE LA LÍNEA DE RIBERA EN LA ZONA URBANA DE LA LOCALIDAD DE VILLA GENERAL BELGRANO (DEPARTAMENTO CALAMUCHITA)

Plano N° 0004

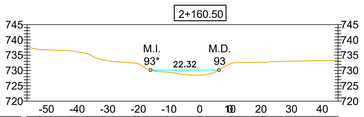
Localidad: Villa General Belgrano

Dpto.: Calamuchita

PLANO: ARROYO LA TOMA SECCIONES TRANSVERSALES

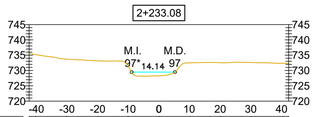
Escala: 1:1000	Fecha: Agosto 2020	Ministro: Ing. Fabian Lopez
Topografia: Consular Consultores Argentinos Asociados S.A.		Secretario de Recursos Hidricos: Ing. Edgar Castelló
Proyecto: Ing. Ramiro M. Garcia		Presidente APRHI: Ing. Juan Pablo Brarda
Dibujo: Ing. Lucia Otero		VOCALES APRHI: Wierzbicky/Plencovich/Herrero/Suaya

2+160.50



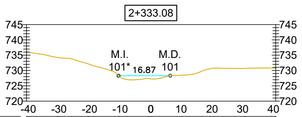
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12
DISTANCIAS PARCIALES		4.18	10.19	10.20	10.59	10.61	10.74	10.17	10.18	10.51	10.03	4.14
DISTANCIAS ACUMULADAS	-56.51	-52.32	-42.14	-31.93	-21.35	-10.74	0.00	10.17	20.35	30.86	40.89	45.03
COTA TN	737.65	736.85	736.40	733.50	732.42	729.47	728.48	732.30	732.61	733.06	733.23	733.31
NIVEL TIRANTE	730.14											
DISTANCIAS LINEAS DE RIVERA	16.18 6.14											

2+233.08



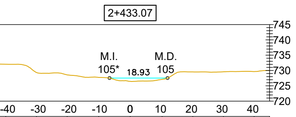
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
DISTANCIAS PARCIALES		2.12	10.05	10.09	10.09	10.02	10.17	10.09	10.09	10.09
DISTANCIAS ACUMULADAS	-40.29	-38.17	-30.20	-20.11	-10.02	0.00	10.17	20.26	30.36	40.45
COTA TN	735.88	735.88	733.70	733.15	731.34	728.24	732.47	732.54	732.61	732.35
NIVEL TIRANTE	729.47									
DISTANCIAS LINEAS DE RIVERA	8.87 5.27									

2+333.08



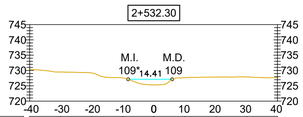
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES		10.03	10.03	10.03	10.43	10.23	10.41	10.01	10.01
DISTANCIAS ACUMULADAS	-46.59	-36.56	-30.49	-20.46	-10.43	0.00	10.23	20.63	30.65	40.66
COTA TN	736.13	736.13	734.26	732.16	728.20	727.28	728.47	730.78	730.67	730.83
NIVEL TIRANTE	728.30									
DISTANCIAS LINEAS DE RIVERA	10.52 6.35									

2+433.07



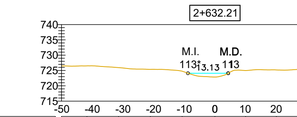
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11
DISTANCIAS PARCIALES		5.07	10.01	10.01	10.31	10.28	10.43	10.01	10.01	10.01	5.06
DISTANCIAS ACUMULADAS	-45.68	-40.61	-30.60	-20.59	-10.28	0.00	10.43	20.44	30.44	40.45	45.51
COTA TN	732.09	732.04	729.33	728.56	727.75	726.45	727.10	729.53	729.58	729.65	729.97
NIVEL TIRANTE	727.53										
DISTANCIAS LINEAS DE RIVERA	6.74 12.19										

2+532.30



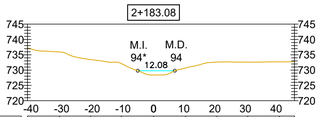
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES		10.02	10.16	10.16	10.16	10.17	10.16	10.16	9.84
DISTANCIAS ACUMULADAS	-46.51	-36.49	-30.48	-20.32	-10.16	0.00	10.17	20.33	30.49	40.33
COTA TN	730.37	730.37	729.51	728.19	727.60	725.29	727.64	727.85	727.89	727.65
NIVEL TIRANTE	727.12									
DISTANCIAS LINEAS DE RIVERA	8.39 6.02									

2+632.21



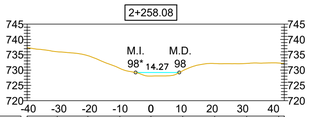
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11
DISTANCIAS PARCIALES		8.29	10.33	10.39	10.36	10.72	10.00	10.06	10.00	10.00	10.00
DISTANCIAS ACUMULADAS	-50.06	-41.79	-31.46	-21.08	-10.72	0.00	10.00	20.06	30.06	40.06	50.06
COTA TN	726.51	726.51	725.94	725.36	724.76	722.87	724.98	725.18	725.26	725.12	725.77
NIVEL TIRANTE	724.09										
DISTANCIAS LINEAS DE RIVERA	8.80 4.33										

2+183.08



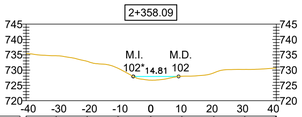
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
DISTANCIAS PARCIALES		10.53	10.06	10.06	10.53	10.45	10.21	10.11	10.32	4.91
DISTANCIAS ACUMULADAS	-41.17	-30.64	-20.59	-10.53	0.00	10.45	20.66	30.76	41.08	46.00
COTA TN	737.29	735.92	733.46	732.18	728.39	730.69	732.62	732.60	732.71	732.76
NIVEL TIRANTE	729.78									
DISTANCIAS LINEAS DE RIVERA	5.14 6.95									

2+258.08



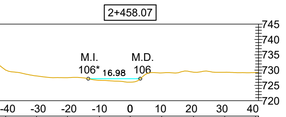
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES		9.84	10.00	10.44	10.13	10.40	10.44	10.44	10.44	1.79
DISTANCIAS ACUMULADAS	-40.41	-30.57	-20.57	-10.13	0.00	10.40	20.84	31.29	41.73	43.53
COTA TN	737.36	736.00	734.70	730.56	728.06	729.78	732.15	732.18	732.31	732.11
NIVEL TIRANTE	729.21									
DISTANCIAS LINEAS DE RIVERA	4.99 9.28									

2+358.09



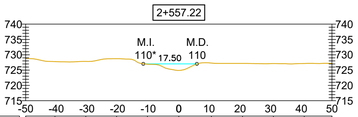
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES		9.80	10.11	10.11	10.69	10.13	10.43	10.12	10.08
DISTANCIAS ACUMULADAS	-40.70	-30.90	-20.80	-10.69	0.00	10.13	20.56	30.68	40.77
COTA TN	735.41	734.69	732.88	730.60	726.71	728.00	729.10	730.22	730.65
NIVEL TIRANTE	727.92									
DISTANCIAS LINEAS DE RIVERA	5.73 9.08									

2+458.07



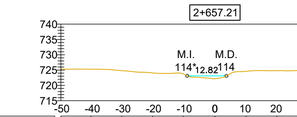
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
DISTANCIAS PARCIALES		7.12	10.08	10.08	10.47	10.01	10.29	10.37	10.20	10.06
DISTANCIAS ACUMULADAS	-47.76	-40.64	-30.57	-20.49	-10.01	0.00	10.29	20.66	30.86	40.93
COTA TN	731.89	730.00	728.09	727.53	726.67	726.07	728.09	729.32	729.28	729.23
NIVEL TIRANTE	727.19									
DISTANCIAS LINEAS DE RIVERA	13.69 3.29									

2+557.22



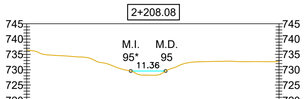
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11
DISTANCIAS PARCIALES		9.56	10.06	10.06	10.06	10.26	10.61	10.17	10.07	10.07	9.08
DISTANCIAS ACUMULADAS	-50.60	-40.44	-30.38	-20.32	-10.26	0.00	10.61	20.78	30.85	40.93	50.00
COTA TN	728.78	727.77	727.85	728.73	726.90	724.90	727.29	727.17	727.15	727.16	727.19
NIVEL TIRANTE	727.04										
DISTANCIAS LINEAS DE RIVERA	11.60 5.90										

2+657.21



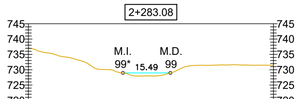
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11
DISTANCIAS PARCIALES		9.80	10.05	10.05	10.05	10.35	10.13	10.09	10.09	10.09	9.90
DISTANCIAS ACUMULADAS	-50.29	-40.49	-30.44	-20.39	-10.35	0.00	10.13	20.22	30.30	40.39	50.29
COTA TN	725.30	725.30	724.81	724.05	723.80	722.19	724.62	724.82	724.79	725.19	725.43
NIVEL TIRANTE	723.12										
DISTANCIAS LINEAS DE RIVERA	9.05 3.77										

2+208.08



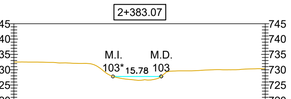
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES		10.15	10.08	10.19	10.20	10.07	10.44	10.45	9.99
DISTANCIAS ACUMULADAS	-40.61	-30.46	-20.38	-10.20	0.00	10.07	20.51	30.96	40.95
COTA TN	736.38	734.59	733.59	730.17	728.20	732.02	732.72	732.62	732.67
NIVEL TIRANTE	729.56								
DISTANCIAS LINEAS DE RIVERA	7.42 3.95								

2+283.08



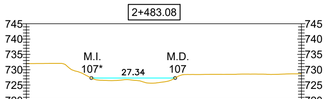
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES		8.96	10.43	10.43	10.20	10.63	10.40	10.40	8.57
DISTANCIAS ACUMULADAS	-40.91	-31.05	-20.62	-10.20	0.00	10.63	21.04	31.44	40.02
COTA TN	737.04	734.89	732.04	729.04	727.97	730.80	731.50	731.52	731.44
NIVEL TIRANTE	728.95								
DISTANCIAS LINEAS DE RIVERA	9.12 6.36								

2+383.07



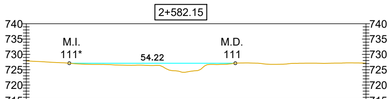
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES		9.76	10.27	10.35	10.74	10.64	10.39	10.27	9.63
DISTANCIAS ACUMULADAS	-41.11	-31.36	-21.09	-10.74	0.00	10.64	21.03	31.30	40.94
COTA TN	732.50	732.45	732.08	728.75	726.54	729.56	729.86	729.99	730.31
NIVEL TIRANTE	727.80								
DISTANCIAS LINEAS DE RIVERA	8.78 7.00								

2+483.08



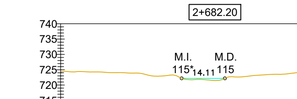
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
DISTANCIAS PARCIALES		10.17	10.17	10.76	10.16	10.61	10.18	10.18	10.18	6.90
DISTANCIAS ACUMULADAS	-41.28	-31.09	-20.92	-10.16	0.00	10.61	20.79	30.96	41.14	48.04
COTA TN	732.02	732.06	727.48	726.69	725.64	728.43	728.48	728.57	728.53	728.66
NIVEL TIRANTE	727.29									
DISTANCIAS LINEAS DE RIVERA	20.50 6.83									

2+582.15



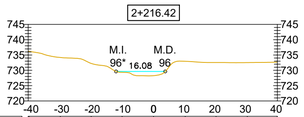
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12
DISTANCIAS PARCIALES		9.04	10.12	10.48	10.03	10.81	10.47	10.51	10.09	10.53	10.07	8.79
DISTANCIAS ACUMULADAS	-50.48	-41.44	-31.32	-20.84	-10.81	0.00	10.47	20.98	31.07	41.60	51.67	60.46
COTA TN	727.85	727.39	726.80	726.54	726.41	724.29	726.72	727.21	726.75	727.13	727.15	727.14
NIVEL TIRANTE	727.12											
DISTANCIAS LINEAS DE RIVERA	36.42 17.81											

2+682.20



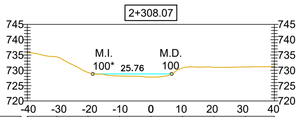
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11
DISTANCIAS PARCIALES		9.54	10.06	10.59	10.09	10.08	10.48	10.06	10.06	10.02	9.42
DISTANCIAS ACUMULADAS	-50.36	-40.82	-30.76	-20.17	-10.08	0.00	10.48	20.54	30.60	40.62	50.04
COTA TN	724.25	724.26	724.06	722.95	721.96	721.48	722.83	723.51	724.47	724.62	724.82
NIVEL TIRANTE	722.17										
DISTANCIAS LINEAS DE RIVERA	10.85 3.26										

2+216.42



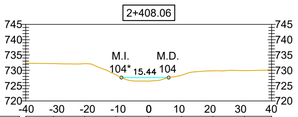
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES		10.11	10.11	10.11	10.25	10.33	10.07	10.21	9.79
DISTANCIAS ACUMULADAS	-40.57	-30.47	-20.36	-10.25	0.00	10.33	20.40	30.61	40.40
COTA TN	736.19	734.19	732.24	729.36	728.26	732.96	732.56	732.53	732.66
NIVEL TIRANTE	729.63								
DISTANCIAS LINEAS DE RIVERA	12.24 3.84								

2+308.07



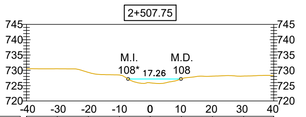
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES		9.67	10.16	10.26	10.27	10.29	10.30	10.30	9.42
DISTANCIAS ACUMULADAS	-40.95	-30.68	-20.53	-10.27	0.00	10.29	20.59	30.89	40.31
COTA TN	735.80	734.38	729.29	728.15	727.79	730.79	730.98	731.10	731.23
NIVEL TIRANTE	728.83								
DISTANCIAS LINEAS DE RIVERA	18.95 6.80								

2+408.06



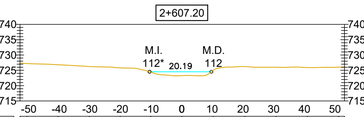
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES		9.06	10.19	10.19	10.73	10.73	10.25	10.25	8.88
DISTANCIAS ACUMULADAS	-40.19	-31.12	-20.93	-10.73	0.00	10.73	20.98	31.22	40.11
COTA TN	732.38	732.20	732.17	728.52	726.49	728.41	729.84	729.91	730.10
NIVEL TIRANTE	727.63								
DISTANCIAS LINEAS DE RIVERA	8.94 6.50								

2+507.75



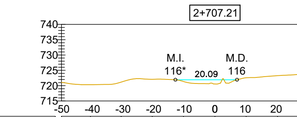
PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9
DISTANCIAS PARCIALES		10.02	10.14	10.18	10.03	10.22	10.11	10.19	9.85
DISTANCIAS ACUMULADAS	-40.39	-30.34	-20.20	-10.03	0.00	10.22	20.32	30.51	40.36
COTA TN	730.57	730.51	729.33	728.48	725.92	727.24	728.10	728.13	728.31
NIVEL TIRANTE	727.18								
DISTANCIAS LINEAS DE RIVERA	7.22 10.04								

2+607.20



PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11
DISTANCIAS PARCIALES		10.14	10.25	10.04	10.01	10.11	10.23	10.33	10.20	10.18	10.23
DISTANCIAS ACUMULADAS	-50.55	-40.41	-30.16	-20.13	-10.11	0.00	10.23	20.57	30.77	40.95	51.18
COTA TN	727.19	726.82	726.23	725.79	724.36	723.27	725.03	726.22	726.01	725.91	726.03
NIVEL TIRANTE	724.52										
DISTANCIAS LINEAS DE RIVERA	10.53 9.66										

2+707.21



PUNTOS	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11
DISTANCIAS PARCIALES		9.46	10.03	10.14	10.20	10.26	10.19	10.25	10.15	10.03	9.44
DISTANCIAS ACUMULADAS	-50.10	-40.63	-30.60	-20.46	-10.26	0.00	10.19	20.44	30.59	40.62	50.06
COTA TN	721.66	720.31	721.16	722.07	721.35	720.54	722.57	723.26	723.77	724.20	724.56
NIVEL TIRANTE	721.91										
DISTANCIAS LINEAS DE RIVERA	9.73 5.36										

REFERENCIAS

- Pelo de Agua
- Terreno Natural

Esc:1/1,000

0 10 20 40 80

APRHI Administración Provincial de Recursos Hídricos | Ministerio de SERVICIOS PUBLICOS | GOBIERNO DE LA PROVINCIA DE CÓRDOBA | ENTRE TODOS

OBRA: SERVICIOS PROFESIONALES PARA LA DEFINICIÓN DE LA LÍNEA DE RIBERA EN LA ZONA URBANA DE LA LOCALIDAD DE VILLA GENERAL BELGRANO (DEPARTAMENTO CALAMUCHITA)

Plano N° 0005

PLANO: ARROYO LA TOMA
SECCIONES TRANSVERSALES

Localidad: Villa General Belgrano
Dpto.: Calamuchita

Escala: 1:1000	Fecha: Agosto 2020	Ministro: Ing. Fabian Lopez
Topografia: Consular Consultores Argentinos Asociados S.A.		Secretario de Recursos Hidricos: Ing. Edgar Castelló
Proyecto: Ing. Ramiro M. Garcia		Presidente APRHI: Ing. Juan Pablo Brarda
Dibujo: Ing. Lucia Otero		VOCALES APRHI: Wierzbicky/Plencovich/Herrero/Suaya