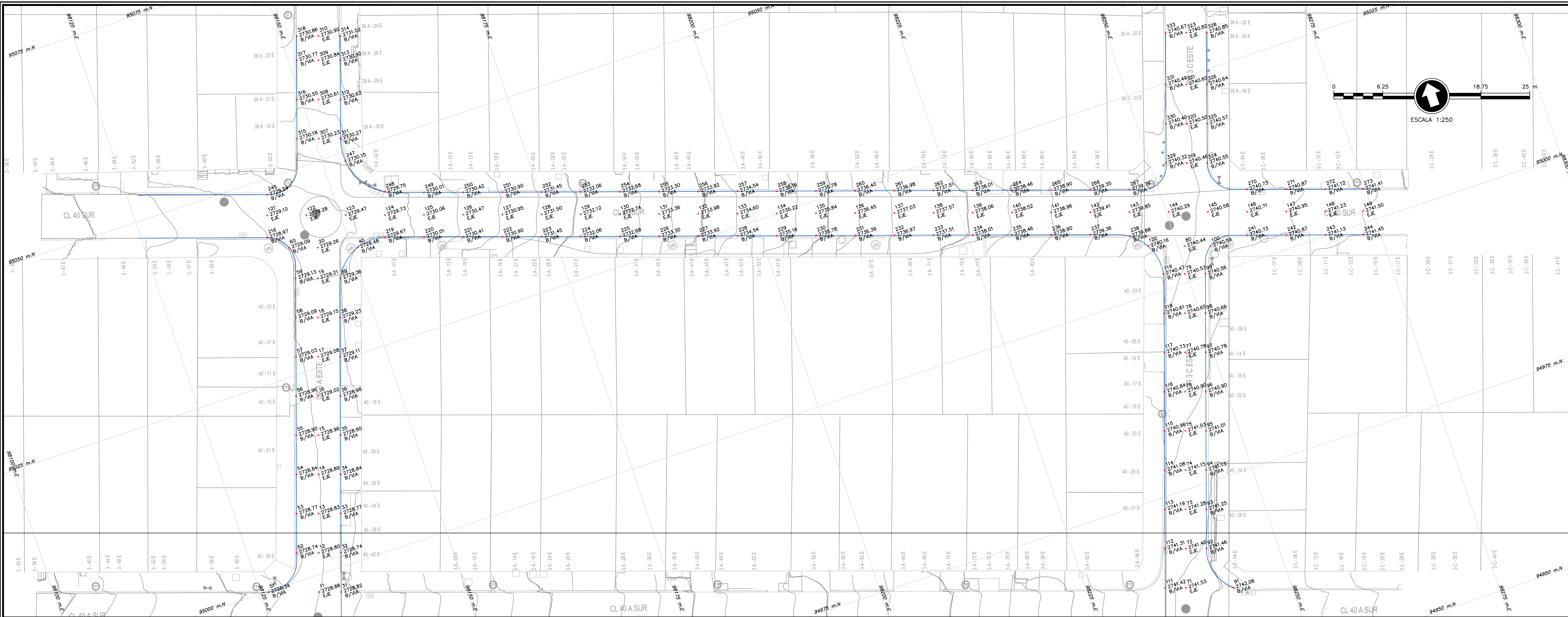
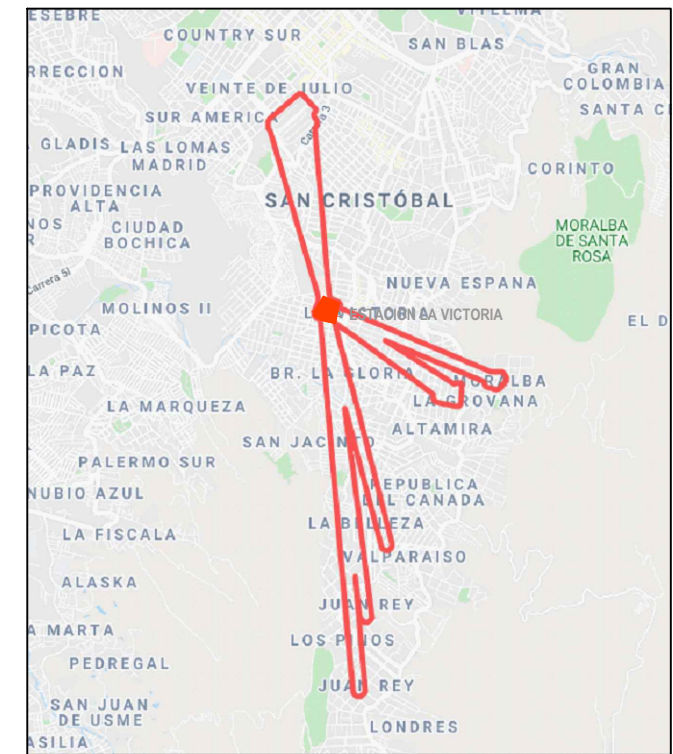




LOCALIZACIÓN GENERAL



CONVENCIONES DE DISEÑO

- Borde de calzada Actual
- Franja circulación peatonal
- Franja paisajismo y mobiliario
- Sentido de flujo
- Via proyectada
- Muro proyectado

CONVENCIONES DE TOPOGRAFIA



INFORMACIÓN CARTOGRÁFICA

El levantamiento topográfico se encuentra georeferenciado dentro del Marco Geodésico Nacional de Referencia (MAGNA-SIRGAS), adoptado en abril de 2005 por el Instituto Geográfico Agustín Codazzi, como datum oficial de Colombia.

AMARRE IGAC

La georeferenciación del proyecto se realizó mediante el sistema global de navegación satelital (GNSS) y ajuste por nivelación geodésica, tomando como bases para el amarre horizontal las estaciones permanentes **BOGÁ Y BOTO**, mientras que para el vertical se usó el vértice **4-BOT** de la red MAGNA - SIRGAS, materializado por el Instituto Geográfico "AGUSTÍN CODAZZI" (IGAC), sus coordenadas se describen a continuación:

NOMBRE	COORDENADAS GEOGRÁFICAS WGS84 ÉPOCA IGAC 2018.0				COORDENADAS MAGNA SIRGAS CARTASIANA BOGOTÁ 2011				ALTURA GEODÉSICA IGAC0808	ALTURA GEOMÉTRICA NIVEL DE PRECISIÓN
	LATITUD WGS84 [° 38' 18.12577" N]	LONGITUD WGS84 [° 74° 41' 48.8070" W]	ALTURA ELIPSOIDAL WGS84 [m]	NOTES	NORTE [m]	ESTE [m]	ELEVACIÓN [m.s.n.m.]	ELIPSOIDAL [m.s.n.m.]		
BOGOTÁ	4° 38' 18.12577" N	74° 41' 48.8070" W	2629.779	[UNION, 104, 99332.255]	2629.779	10496.704	99332.255	2628.558	N/A	N/A
4-BOT	4° 38' 18.12577" N	74° 41' 48.8070" W	2629.779	[UNION, 104, 99332.255]	2629.779	10496.704	99332.255	2628.558	N/A	N/A

INFORMACIÓN DE REFERENCIA

COORDENADAS PLANAS CARTESIANAS
MAGNA SIRGAS - BOGOTÁ-2011

Sistema de Referencia
Elipsoide
Proyección
Coordenadas Geográficas
Falso Norte
Factor de Escala
Plano de Proyección

MAGNA - SIRGAS
GRS80 + WGS84
Transversal Mercator
[UNION, 104, 99332.255]
74° 08' 47.730" W
108320.965 m
92334.879 m
1.0003980
2550 m.s.n.m.

ESTACION VICTORIA			
NUMERO	NORTE	ESTE	DESCRIPCION
1	94950.44	98116.38	2731.01 EJE
2	94955.19	98117.96	2730.81 EJE
3	94959.94	98119.53	2730.61 EJE
4	94964.68	98121.11	2730.41 EJE
5	94969.43	98122.68	2730.21 EJE
6	94974.17	98124.26	2730.01 EJE
7	94978.92	98125.83	2729.81 EJE
8	94983.66	98127.41	2729.61 EJE
9	94988.41	98128.98	2729.37 EJE
10	94993.15	98130.56	2729.09 EJE
11	94997.90	98132.13	2728.88 EJE
12	95002.65	98133.71	2728.60 EJE
13	95007.39	98135.28	2728.83 EJE
14	95012.14	98136.86	2728.89 EJE
15	95016.88	98138.43	2728.96 EJE
16	95021.63	98140.01	2729.02 EJE
17	95026.37	98141.58	2729.08 EJE
18	95031.12	98143.16	2729.15 EJE
19	95035.86	98144.73	2729.21 EJE
20	95039.57	98145.96	2729.26 EJE
21	94948.77	98121.42	2731.50 B/VIA
22	94954.30	98120.64	2730.81 B/VIA
23	94959.05	98122.22	2730.55 B/VIA
24	94963.79	98123.79	2730.36 B/VIA
25	94968.54	98125.37	2730.16 B/VIA
26	94973.28	98126.94	2729.95 B/VIA
27	94978.03	98128.52	2729.75 B/VIA
28	94982.77	98130.09	2729.55 B/VIA
29	94987.52	98131.66	2729.31 B/VIA
30	94992.26	98133.24	2729.03 B/VIA
31	94997.01	98134.81	2728.82 B/VIA
32	95001.76	98136.39	2728.74 B/VIA
33	95006.50	98137.96	2728.77 B/VIA
34	95011.25	98139.54	2728.84 B/VIA
35	95015.99	98141.11	2728.90 B/VIA
36	95020.74	98142.69	2728.98 B/VIA
37	95025.48	98144.26	2729.11 B/VIA
38	95030.23	98145.84	2729.23 B/VIA
39	95034.96	98147.42	2729.36 B/VIA
40	95039.70	98149.00	2729.48 B/VIA
41	94951.60	98112.89	2730.64 B/VIA
42	94955.08	98115.28	2730.75 B/VIA
43	94960.83	98116.85	2730.55 B/VIA
44	94965.57	98118.43	2730.36 B/VIA
45	94970.32	98120.00	2730.16 B/VIA
46	94975.06	98121.58	2729.96 B/VIA
47	94979.81	98123.15	2729.76 B/VIA
48	94984.55	98124.73	2729.55 B/VIA
49	94989.30	98126.30	2729.31 B/VIA
50	94993.30	98127.08	2729.51 B/VIA
51	94999.92	98124.04	2728.34 B/VIA
52	95003.54	98131.02	2728.74 B/VIA
53	95008.28	98132.60	2728.77 B/VIA

ESTACION VICTORIA			
NUMERO	NORTE	ESTE	DESCRIPCION
54	95013.03	98134.17	2728.84 B/VIA
55	95017.77	98135.75	2728.90 B/VIA
56	95022.52	98137.32	2728.96 B/VIA
57	95027.26	98138.90	2729.03 B/VIA
58	95032.01	98140.47	2729.09 B/VIA
59	95036.75	98142.05	2729.13 B/VIA
60	95040.72	98142.48	2729.09 B/VIA
61	94915.73	98221.38	2740.74 EJE
62	94920.47	98222.95	2740.89 EJE
63	94925.22	98224.53	2741.05 EJE
64	94929.96	98226.10	2741.21 EJE
65	94934.71	98227.68	2741.36 EJE
66	94939.46	98229.25	2741.52 EJE
67	94944.20	98230.83	2741.63 EJE
68	94948.95	98232.40	2741.69 EJE
69	94953.69	98233.98	2741.69 EJE
70	94958.44	98235.55	2741.64 EJE
71	94963.18	98237.13	2741.53 EJE
72	94967.93	98238.70	2741.40 EJE
73	94972.67	98240.28	2741.28 EJE
74	94977.42	98241.85	2741.15 EJE
75	94982.16	98243.43	2741.03 EJE
76	94986.91	98245.00	2740.90 EJE
77	94991.66	98246.58	2740.78 EJE
78	94996.40	98248.15	2740.65 EJE
79	95001.15	98249.73	2740.53 EJE
80	95005.92	98250.84	2740.44 EJE
81	94914.70	98224.47	2740.88 B/VIA
82	94919.64	98225.46	2740.98 B/VIA
83	94924.39	98227.03	2741.08 B/VIA
84	94929.13	98228.61	2741.23 B/VIA
85	94933.88	98230.18	2741.39 B/VIA
86	94938.62	98231.76	2741.54 B/VIA
87	94943.37	98233.33	2741.63 B/VIA
88	94948.11	98234.91	2741.66 B/VIA
89	94952.86	98236.48	2741.76 B/VIA
90	94957.61	98241.47	2742.23 B/VIA
91	94961.28	98242.85	2742.08 B/VIA
92	94967.10	98241.21	2741.46 B/VIA
93	94971.84	98242.78	2741.25 B/VIA
94	94976.58	98244.36	2741.13 B/VIA
95	94981.33	98245.93	2741.01 B/VIA
96	94986.08	98247.51	2740.90 B/VIA
97	94990.82	98249.08	2740.78 B/VIA
98	94995.57	98250.66	2740.66 B/VIA
99	95000.32	98252.23	2740.56 B/VIA
100	95005.07	98253.99	2740.59 B/VIA
101	94917.29	98216.67	2740.37 B/VIA
102	94921.30	98220.45	2740.78 B/VIA
103	94926.05	98222.02	2741.69 B/VIA
104	94930.80	98223.60	2741.18 B/VIA
105	94935.54	98225.17	2741.34 B/VIA
106	94940.29	98226.75	2741.48 B/VIA

ESTACION VICTORIA			
NUMERO	NORTE	ESTE	DESCRIPCION
107	94945.03	98228.32	2741.58 B/VIA
108	94949.78	98229.90	2741.62 B/VIA
109	94954.52	98231.47	2741.61 B/VIA
110	94959.27	98233.05	2741.54 B/VIA
111	94964.01	98234.62	2741.42 B/VIA
112	94968.76	98236.20	2741.31 B/VIA
113	94973.50	98237.77	2741.19 B/VIA
114	94978.25	98239.35	2741.08 B/VIA
115	94983.00	98240.92	2740.96 B/VIA
116	94987.74	98242.50	2740.84 B/VIA
117	94992.49	98244.07	2740.73 B/VIA
118	94997.23	98245.65	2740.61 B/VIA
119	95002.00	98247.15	2740.47 B/VIA
120	95005.98	98248.43	2740.16 B/VIA
121	95045.51	98141.16	2729.10 EJE
122	95043.94	98145.91	2729.28 EJE
123	95042.36	98150.65	2729.47 EJE
124	95040.79	98155.40	2729.73 EJE
125	95039.21	98160.14	2730.06 EJE
126	95037.64	98164.89	2730.47 EJE
127	95036.06	98169.63	2730.95 EJE
128	95034.49	98174.38	2731.50 EJE
129	95032.91	98179.13	2732.12 EJE
130	95031.34	98183.87	2732.74 EJE
131	95029.76	98188.62	2733.36 EJE
132	95028.19	98193.36	2733.98 EJE
133	95026.61	98198.11	2734.60 EJE
134	95025.04	98202.85	2735.22 EJE
135	95023.46	98207.60	2735.84 EJE
136	95021.89	98212.34	2736.45 EJE
137	95020.31	98217.09	2737.07 EJE
138	95018.74	98217.84	2737.57 EJE
139	95017.16	98216.58	2738.06 EJE
140	95015.59	98231.33	2738.52 EJE
141	95014.01	98236.07	2738.96 EJE
142	95012.44	98240.82	2739.41 EJE
143	95010.86	98245.56	2739.85 EJE
144	95009.29	98250.31	2740.29 EJE
145	95007.71	98255.05	2740.58 EJE
146	95006.14	98259.80	2740.71 EJE
147	95004.56	98264.54	2740.95 EJE
148	95002.99	98269.29	2741.23 EJE
149	95001.48	98273.85	2741.50 EJE
150	94999.92	98278.56	2741.78 B/VIA
151	94998.35	98280.88	2742.46 B/VIA
152	94996.78	98283.19	2742.08 B/VIA
153	94995.20	98285.37	2742.70 B/VIA
154	94993.63	98287.55	2743.32 B/VIA
155	94992.05	98289.73	2743.94 B/VIA
156	94990.48	98291.91	2744.56 B/VIA
157	94988.91	98294.09	2745.18 B/VIA
158	94987.34	98296.27	2745.80 B/VIA
159	94985.77	98298.45	2746.42 B/VIA
160	94984.20	98300.63	2747.04 B/VIA

ESTACION VICTORIA				
NUMERO	NORTE	ESTE	COTA (m.s.n.m.)	DESCRIPCION
160	94941.87	98138.59	2733.66	B/VIA
161	94940.30	98143.33	2734.20	B/VIA
162	94938.72	98148.08	2734.74	B/VIA
163	94937.15	98152.82	2735.27	B/VIA
164	94935.57	98157.57	2735.74	B/VIA
165	94934.00	98162.31	2736.21	B/VIA
166	94932.42	98167.06	2736.68	B/VIA
167	94930.85	98171.81	2737.11	B/VIA
168	94929.27	98176.55	2737.50	B/VIA
169	94927.70	98181.30	2737.89	B/VIA
170	94926.12	98186.04	2738.23	B/VIA
171	94924.55	98190.79	2738.56	B/VIA
172	94922.97	98195.53	2738.89	B/VIA
173	94921.40	98200.28	2739.20	B/VIA
174	94919.82	98205.02	2739.50	B/VIA
175	94918.25	98209.77	2739.80	B/VIA
176	94916.68	98214.50	2740.18	B/VIA
177	94915.10	98219.25	2740.60	B/VIA
178	94913.53	98224.00	2740.88	B/VIA
179	94911.96	98228.65	2741.04	B/VIA
180	94910.38	98233.40	2741.85	B/VIA
181	94908.80	98238.14	2741.48	B/VIA
182	94907.23	98242.37	2741.89	B/VIA
183	94905.66	98246.60	2742.31	B/VIA
184	94904.09	98249.82	2742.51	B/VIA
185	94902.52	98253.04	2742.71	B/VIA
186	94900.95	98256.26	2742.91	B/VIA
187	94900.38	98259.48	2743.11	B/VIA
188	94900.81	98262.70	2743.31	B/VIA
189	94901.24	98265.92	2743.48	B/VIA
190	94900.99	98122.49	2732.02	B/VIA
191	94939.42	98127.24	2732.58	B/VIA
192	94937.84	98131.98	2733.12	B/VIA
193	94936.27	98136.73	2733.66	B/VIA
194	94934.69	98141.47	2734.20	B/VIA
195	94933.12	98146.22	2734.74	B/VIA
196	94931.54	98150.96	2735.27	B/VIA
197	94929.97	98155.71	2735.74	B/VIA
198	94928.39	98160.46	2736.21	B/VIA
199	94926.82	98165.20	2736.68	B/VIA
200	94925.24	98169.95	2737.11	B/VIA
201	94923.67	98174.69	2737.50	B/VIA
202	94922.09	98179.44	2737.89	B/VIA
203	94920.52	98184.18	2738.23	B/VIA
204	94918.94	98188.93	2738.56	B/VIA
205	94917.37	98193.67	2738.89	B/VIA
206	94915.80	98198.42	2739.20	B/VIA
207	94914.22	98203.16	2739.50	B/VIA
208	94912.65	98207.91	2739.80	B/VIA
209	94911.07	98212.66	2740.11	B/VIA
210	94909.50	98214.66	2740.49	B/VIA
211	94908.54	98221.69	2740.71	B/VIA
212	94906.06	98226.80	2740.90	B/VIA