

ANEXO ANALISIS DE PREDELIMITACION

El presente estudio tiene por objeto revisar la viabilidad de la delimitación preliminar del Plan Zonal K38-Cordialidad, en el marco de las disposiciones contenidas en el Decreto 0212 del 28 de febrero de 2014, numeral 5.5.3.4 del Libro I del Componente General, del DTS.”, con el fin de asegurar, que como instrumento que desarrolla y complementa las disposiciones del Plan de Ordenamiento Territorial, el Plan zonal K38-Cordialidad garantice la planificación racional del territorio objeto de estudio.

Para este análisis se tuvieron en cuenta los mapas G4_Clasificación general del suelo y G9_ Instrumentos Planificación del Suelo del Componente contenidos en el POT vigente. Así mismo se consideró el alcance de los planes parciales que a la fecha se han adoptado en el área de estudio.



Ubicación y límites del área pre-delimitada.

La delimitación preliminar del Plan Zonal K38-Cordialidad identificada en el plano G9_Instrumentos Planificación del Suelo del Componente General del POT, se localiza al suroccidente de la ciudad y se enmarca entre dos importantes arterias de la ciudad, la carrera 38 y la Avenida Cordialidad. (Ilustración 1), bajo las siguientes coordenadas.

TABLA COORDENADAS 1.

COORDENADA	X	Y
1	917314,0039	1701819,6183
2	917310,3237	1701819,8949
3	916980,0239	1701847,8747
4	916979,0721	1701847,9571
5	916839,3157	1701860,3339
6	916819,3139	1701860,7463
7	916812,3411	1701859,5107
8	916771,4991	1701848,0751
9	916599,6785	1701796,7449
10	916592,8229	1701794,8029
11	916592,7703	1701794,7889
12	916529,1539	1701777,7577
13	916422,8121	1701743,7095
14	916403,5931	1701735,2307
15	916273,7707	1701669,8001
16	916194,5917	1701628,8641
17	916026,3349	1701541,7599
18	915971,5755	1701512,3095
19	915882,1431	1701454,8173
20	915876,8565	1701451,2825
21	915791,6025	1701394,2783
22	915791,5363	1701394,2339
23	915777,6437	1701385,5951
24	915764,4469	1701378,4945
25	915693,3591	1701342,9507
26	915692,1279	1701342,3393
27	915677,2267	1701335,5877
28	915661,9157	1701329,8251





29	915646,2605	1701325,0761
30	915633,0131	1701321,9871
31	915590,8607	1701418,5545
32	915551,3439	1701561,6055
33	915514,6937	1701559,0369
34	915488,7448	1701556,4545
35	915402,6943	1701550,7178
36	915317,7195	1701546,0567
37	915263,5795	1701539,9615
38	915236,6887	1701533,5077
39	915185,0585	1701518,8074
40	915080,3639	1701488,3313
41	914996,1063	1701463,2332
42	914886,3920	1701429,8887
43	914800,3416	1701404,7907
44	914752,6553	1701386,1464
45	914727,1987	1701372,8803
46	914699,9495	1701356,0288
47	914665,5293	1701329,8551
48	914648,6777	1701335,9504
49	914421,7199	1701400,4882
50	914393,7257	1701408,1967
51	914369,1432	1701414,9658
52	914223,8039	1701454,9867
53	914148,8683	1701472,1968
54	914026,6378	1701497,6615
55	914024,8077	1701498,0427
56	914019,8032	1701499,0854
57	913976,7677	1701508,0511
58	913868,4875	1701528,8467
59	913681,6865	1701566,1352
60	913659,2204	1701570,3798
61	913564,5062	1702535,6224
62	913554,4611	1702637,9931
63	913445,8510	1703029,3120
64	913428,6056	1703091,4465
65	913399,2727	1703347,7951





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66	913381,9851	1703354,1643
67	913357,8735	1703365,9925
68	913334,2169	1703380,0955
69	913316,0195	1703394,6535
70	913297,8221	1703413,7607
71	913291,9079	1703421,4947
72	913129,4959	1703516,1213
73	913125,8563	1703522,4905
74	913110,3885	1703544,7823
75	913088,5517	1703571,6235
76	913069,4443	1703587,5461
77	913063,0753	1703593,0055
78	913045,3329	1703604,3787
79	913028,9551	1703613,9325
80	913007,1183	1703622,5763
81	912987,5559	1703630,7651
82	912887,9251	1703693,0913
83	912755,5239	1703721,3475
84	912730,2571	1703731,1161
85	912730,6455	1703730,8319
86	912696,8505	1703744,0561
87	912672,7467	1703755,1515
88	912668,2235	1703758,7413
89	912668,1489	1703758,7051
90	912665,1695	1703760,8865
91	912662,6273	1703762,8233
92	912659,3587	1703764,8813
93	912656,0901	1703767,9077
94	912654,0233	1703769,6465
95	912653,7209	1703770,2513
96	912648,6429	1703774,2813
97	912637,1651	1703780,4029
98	912626,4523	1703784,2289
99	912564,4711	1703800,6807
100	912554,9063	1703804,5067
101	912539,9849	1703812,9239
102	912509,7595	1703834,3495





103	912479,9167	1703856,1575
104	912460,4043	1703866,8703
105	912445,5049	1703872,7323
106	912446,1987	1703873,0703
107	912435,3105	1703878,2845
108	912422,3977	1703884,0235
109	912405,4677	1703888,9015
110	912392,5549	1703889,4755
111	912385,0943	1703888,9015
112	912376,1989	1703886,0321
113	912368,7381	1703881,1539
114	912360,7037	1703872,5455
115	912351,2343	1703865,6587
116	912340,3301	1703856,7633
117	912330,5739	1703849,8765
118	912317,3743	1703841,2681
119	912305,8963	1703830,9379
120	912295,2791	1703817,7383
121	912285,5229	1703802,8169
122	912280,9081	1703792,6645
123	912281,6233	1703793,0123
124	912275,2901	1703778,2349
125	912262,5369	1703747,1169
126	912251,3139	1703730,2825
127	912239,5809	1703717,0191
128	912173,7739	1703641,0093
129	912158,4699	1703626,2155
130	912129,3923	1703616,0129
131	912110,0073	1703616,5231
132	912088,0717	1703623,1547
133	912058,9941	1703633,3575
134	912026,8559	1703641,5195
135	912001,3493	1703644,5803
136	911979,4287	1703646,0177
137	911978,8923	1703645,7567
138	911970,7395	1703644,9949
139	911960,9833	1703642,1253





140	911953,8095	1703638,6819
141	911944,3403	1703632,0821
142	911935,6733	1703624,7341
143	911934,7813	1703624,3001
144	911920,2383	1703612,4421
145	911906,9749	1703601,7291
146	911886,0595	1703588,4657
147	911867,1845	1703578,2631
148	911839,1273	1703569,5909
149	911812,5209	1703564,8297
150	911813,1927	1703565,1565
151	911731,5567	1703557,9955
152	911726,7565	1703557,5745
153	911662,3665	1703557,5745
154	911609,7663	1703547,5985
155	911571,6765	1703527,6467
156	911512,7279	1703491,3707
157	911512,1863	1703491,0799
158	911512,2021	1703491,0309
159	911415,0869	1703428,2597
160	911403,0281	1703427,1589
161	911403,0829	1703427,0601
162	911364,9559	1703424,1783
163	911351,6273	1703415,1493
164	911345,4067	1703413,0463
165	911327,4401	1703400,4905
166	911297,3893	1703385,0985
167	911257,0773	1703368,9737
168	911217,4983	1703355,7807
169	911169,8567	1703346,2523
170	911117,0845	1703341,1217
171	911092,1643	1703191,6007
172	911050,3865	1703194,5325
173	911042,3241	1703146,1581
174	911036,7742	1703128,0607
175	911027,5848	1703098,0950
176	911008,6085	1703036,2159





177	910901,5523	1703029,8921
178	910834,9001	1703025,9547
179	910837,4021	1703071,1506
180	910838,0711	1703083,2347
181	910839,3565	1703106,4541
182	910843,3843	1703179,2121
183	910808,7689	1703210,2487
184	910808,8839	1703210,8324
185	910812,1995	1703227,6663
186	910796,4879	1703229,6825
187	910703,1677	1703241,6575
188	910701,5782	1703241,8614
189	910612,3205	1703253,3151
190	910524,3899	1703210,4761
191	910401,5965	1703150,1149
192	910105,9597	1703004,7897
193	910085,6067	1702994,7848
194	910073,3539	1702988,7617
195	910039,8727	1702972,3035
196	910032,5020	1702968,6803
197	909794,2001	1702851,5389
198	909776,4372	1702842,8072
199	909775,5242	1702842,3584
200	909771,6849	1702840,4711
201	909723,1098	1702816,5932
202	909722,1090	1702816,1012
203	909716,4364	1702813,3128
204	909704,8423	1702807,6133
205	909526,8121	1702818,0538
206	909519,0488	1702818,5091
207	909497,4329	1702831,5119
208	909464,9410	1702851,0579
209	909432,6398	1702861,9141
210	909409,3462	1702873,6848
211	909405,7017	1702875,5268
212	909384,2155	1702886,3859
213	909359,1280	1702884,7480





214	909358,8220	1702884,7751
215	909177,4693	1702794,8563
216	909052,1717	1702732,7309
217	909036,4011	1702724,9115
218	909016,4201	1702715,0045
219	908895,9125	1702655,2540
220	908804,8891	1702610,1226
221	908625,9878	1702521,4201
222	908590,4190	1702503,7845
223	908464,3483	1702441,2763
224	908417,6484	1702418,1216
225	908205,5874	1702312,9778
226	908187,1640	1702303,8432
227	908167,7791	1702294,2318
228	908144,2555	1702282,5685
229	908139,3711	1702286,8932
230	908098,7684	1702322,8437
231	908084,2961	1702336,4780
232	908027,9430	1702386,3742
233	908015,2511	1702397,6119
234	907970,3834	1702437,3387
235	907923,4762	1702476,2847
236	907934,1104	1702505,2828
237	907979,1142	1702628,0039
238	908053,1298	1702829,8375
239	908086,2036	1702920,0265
240	908092,3067	1702936,6693
241	908117,6741	1703196,9386
242	908121,1143	1703232,2354
243	908121,5511	1703236,7173
244	908211,7424	1703324,4387
245	908369,5940	1703477,9677
246	908427,7740	1703534,5544
247	908467,2392	1703551,7564
248	908578,8561	1703595,4859
249	908593,9414	1703601,3961
250	908636,0047	1703617,8757





251	908790,3861	1703678,3597
252	909162,4308	1703622,0779
253	909180,5020	1703619,3442
254	909454,7948	1703895,0180
255	909499,8863	1703940,3367
256	909509,6442	1703950,1437
257	909563,8659	1703953,2926
258	909616,3393	1703956,3400
259	909618,3170	1703956,4549
260	909854,9790	1703970,1991
261	909858,8519	1703970,4240
262	909939,5696	1703975,1118
263	910026,0093	1703980,1318
264	910049,5217	1703981,4973
265	910092,4430	1704047,8944
266	910129,8116	1704105,7018
267	910156,9470	1704104,8669
268	910188,4729	1704103,8968
269	910188,6958	1704104,0065
270	910314,4258	1704102,8738
271	910336,7369	1704102,6728
272	910363,5638	1704088,4703
273	910429,8420	1704028,5043
274	910462,9347	1704015,9827
275	910557,6813	1704062,5570
276	910571,3527	1704069,2774
277	911318,4981	1704436,5494
278	911320,3625	1704437,4610
279	911671,7931	1704608,4052
280	912002,4880	1704769,2630
281	912457,5437	1704990,9703
282	912457,8599	1704991,1242
283	912844,0927	1705178,9643
284	913299,1378	1705403,3195
285	913301,9785	1705404,7089
286	913597,6419	1705548,1653
287	913781,6156	1705637,4297





288	913891,8851	1705690,9326
289	914506,0821	1705989,8312
290	914529,7296	1706001,3467
291	914927,8093	1706195,1980
292	915105,4031	1706281,6801
293	915106,4671	1706282,1967
294	915197,0764	1706326,0555
295	915226,4159	1706340,2570
296	915397,9302	1706423,2773
297	915623,9292	1706534,5019
298	915632,6559	1706538,6923
299	915740,7324	1706589,3066
300	915761,4477	1706598,4419
301	915792,0697	1706609,9672
302	915823,3799	1706619,4651
303	915827,6927	1706620,6001
304	915910,7763	1706642,0699
305	915912,2968	1706642,4603
306	916356,3799	1706755,7306
307	916356,4794	1706755,7560
308	916794,5141	1706867,3877
309	916885,7677	1706890,8493
310	916946,1340	1706906,6507
311	916975,2024	1706913,3399
312	917007,4844	1706918,6697
313	917040,0460	1706921,8767
314	917047,9860	1706922,1367
315	917049,0063	1706915,2728
316	917049,1316	1706914,4297
317	917058,3953	1706852,1110
318	917058,4586	1706851,5929
319	917058,6995	1706849,6257
320	917062,5203	1706818,4231
321	917063,8298	1706807,7287
322	917064,2623	1706804,1965
323	917066,1135	1706783,3707
324	917068,1737	1706760,1934





325	917070,0679	1706728,8716
326	917070,9029	1706715,0654
327	917073,4515	1706672,9243
328	917073,9593	1706664,5275
329	917073,4297	1706518,3527
330	917071,6129	1706419,6506
331	917008,1306	1706405,3634
332	916946,4253	1706391,4761
333	916945,9423	1706391,5909
334	916852,3142	1706367,2623
335	916807,6765	1706355,8603
336	916465,3198	1706268,4105
337	915955,0329	1706137,2908
338	915883,6061	1706105,1333
339	915822,3164	1706075,2123
340	915729,1063	1706029,7081
341	915699,4601	1705735,9887
342	915814,0388	1705658,7385
343	915936,3752	1705573,3200
344	916175,6203	1705403,5447
345	916196,0311	1705135,7701
346	916234,5313	1705087,3283
347	916215,0327	1705070,1539
348	916236,2351	1705049,5705
349	916236,5517	1705049,2585
350	916237,4307	1705048,3415
351	916265,7127	1705017,5569
352	916266,1757	1705017,0411
353	916266,8393	1705016,2579
354	916284,8595	1704994,2331
355	916285,4413	1704993,4987
356	916286,5849	1704991,9031
357	916287,6215	1704990,2359
358	916288,4735	1704988,6523
359	916298,2357	1704969,1279
360	916298,3091	1704968,9803
361	916299,1193	1704967,1921





362	916299,8109	1704965,3547
363	916300,0797	1704964,5233
364	916303,6071	1704953,0439
365	916303,9081	1704951,9967
366	916304,3539	1704950,0849
367	916304,5611	1704948,9251
368	916307,7221	1704928,9671
369	916307,8347	1704928,1899
370	916308,0271	1704926,2363
371	916308,0871	1704924,7783
372	916308,5877	1704894,9947
373	916308,5277	1704892,5285
374	916308,3353	1704890,5747
375	916308,0155	1704888,6379
376	916307,9805	1704888,4645
377	916297,7065	1704838,3589
378	916297,2957	1704836,6203
379	916297,2703	1704836,5265
380	916289,1885	1704806,7507
381	916305,0093	1704791,7869
382	916293,9117	1704734,5079
383	916295,2681	1704687,7281
384	916299,3459	1704646,9503
385	916297,2315	1704626,4103
386	916295,8573	1704590,3339
387	916288,8353	1704460,4787
388	916272,4077	1704194,3493
389	916272,0551	1704188,6385
390	916271,7831	1704184,2323
391	916271,1867	1704174,5701
392	916237,3013	1704168,9225
393	916250,5817	1704082,2549
394	916250,7149	1704081,3851
395	916310,8063	1703689,2313
396	916310,8339	1703689,0503
397	916310,9209	1703689,0655
398	916743,5645	1703764,7227



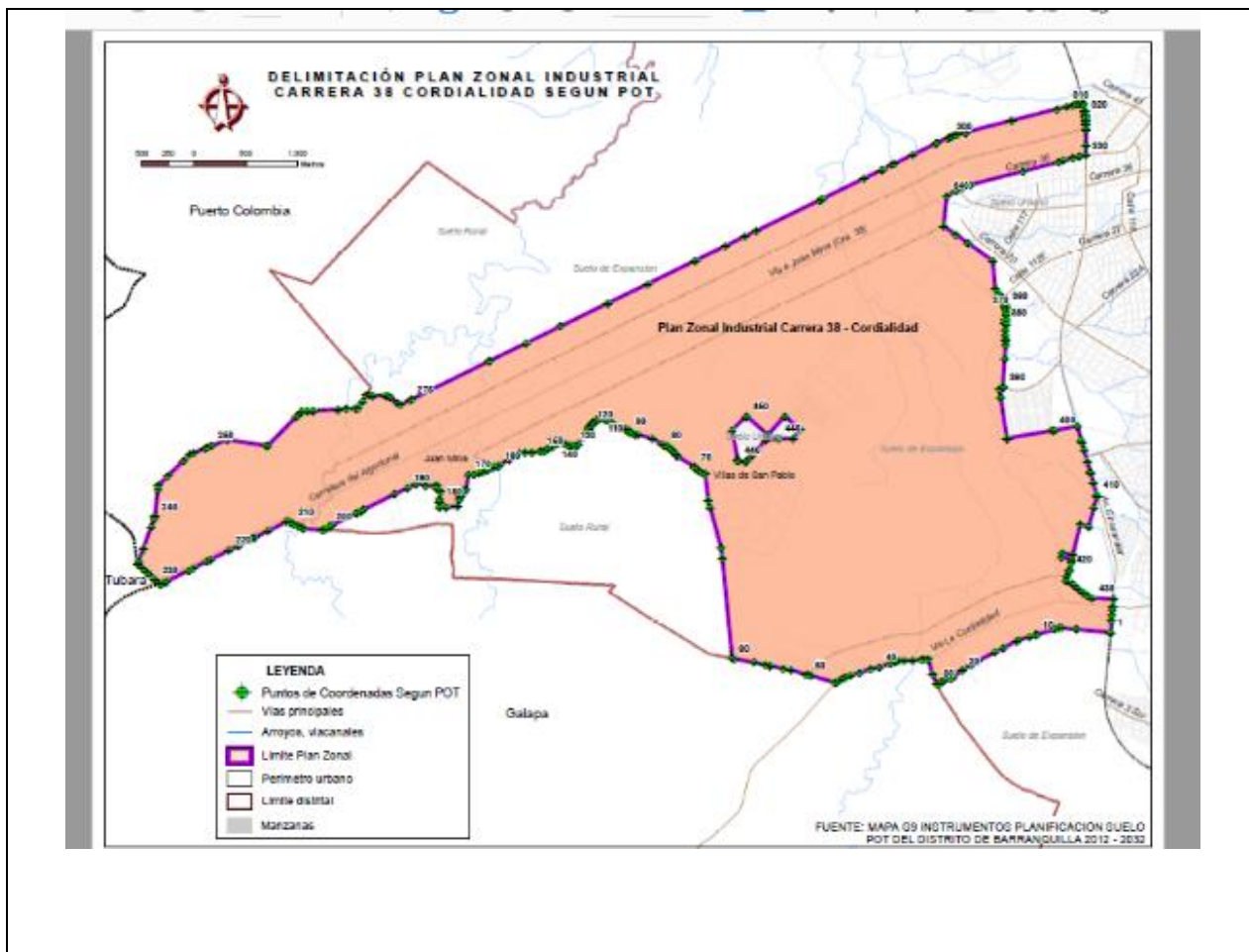


399	916745,3571	1703765,0361
400	916755,3145	1703766,7773
401	916769,1559	1703769,1977
402	916989,3743	1703807,7077
403	917025,1765	1703678,4221
404	917033,9695	1703648,2429
405	917054,5143	1703577,7285
406	917086,8357	1703463,6091
407	917114,7261	1703365,5505
408	917118,1627	1703353,4679
409	917145,2629	1703256,0063
410	917178,0815	1703144,3733
411	917181,0569	1703134,0017
412	917150,2427	1703022,3119
413	917098,3615	1702835,8205
414	917018,8647	1702861,5731
415	916945,3103	1702565,2391
416	916845,8269	1702590,6391
417	916836,3019	1702548,3057
418	916941,0771	1702518,1431
419	916933,1395	1702486,3931
420	916915,6249	1702431,0631
421	916909,8561	1702412,8389
422	916890,5755	1702357,7513
423	916876,5185	1702317,5886
424	916936,8436	1702285,3093
425	916955,3645	1702273,1385
426	916999,1001	1702240,8453
427	917046,3813	1702205,9342
428	917046,3813	1702202,7592
429	917087,6564	1702177,8883
430	917133,4279	1702151,0561
431	917338,5231	1702140,4606
432	917330,7809	1702068,8848
433	917327,0085	1702034,0090
434	917322,7209	1701989,4181
435	917317,0635	1701930,5806





436	913797,8890	1703906,5485	
437	913658,5271	1703771,7693	
438	913712,9370	1703483,3968	
439	913714,5964	1703474,6020	
440	913715,1168	1703474,5584	
441	913787,9029	1703468,4678	
442	913800,2872	1703476,1826	
443	913854,0878	1703532,2164	
444	913986,1277	1703678,3916	
445	914105,6564	1703686,2587	
446	914244,4721	1703689,5578	
447	914316,0371	1703773,3040	
448	914166,8165	1703906,0291	
449	914005,9223	1703722,8025	
LIMITES			
Norte	se establece sobre una franja correspondiente a suelo de expansión, paralela a la Carrera 38.		
Sur	franja sur del suelo urbano localizado sobre la Avenida Cordialidad.		
Oriente	perímetro urbano comprendido entre la Carrera 38 y la Avenida Cordialidad.		
Occidente	el perímetro del suelo de expansión occidental		
Ilustración 1. Delimitación Plan Zonal K38-Cordialidad en el POT.			



Antecedentes en el área de estudio.

A.

Al realizar el ejercicio comparativo de los mapas G4 y G9, se evidenció que hacia el límite norte de la carrera 38, aparece un segmento de suelo de expansión de 1.5 hectáreas, que no se encuentra incluido en ningún plan zonal. (ilustración 2.)

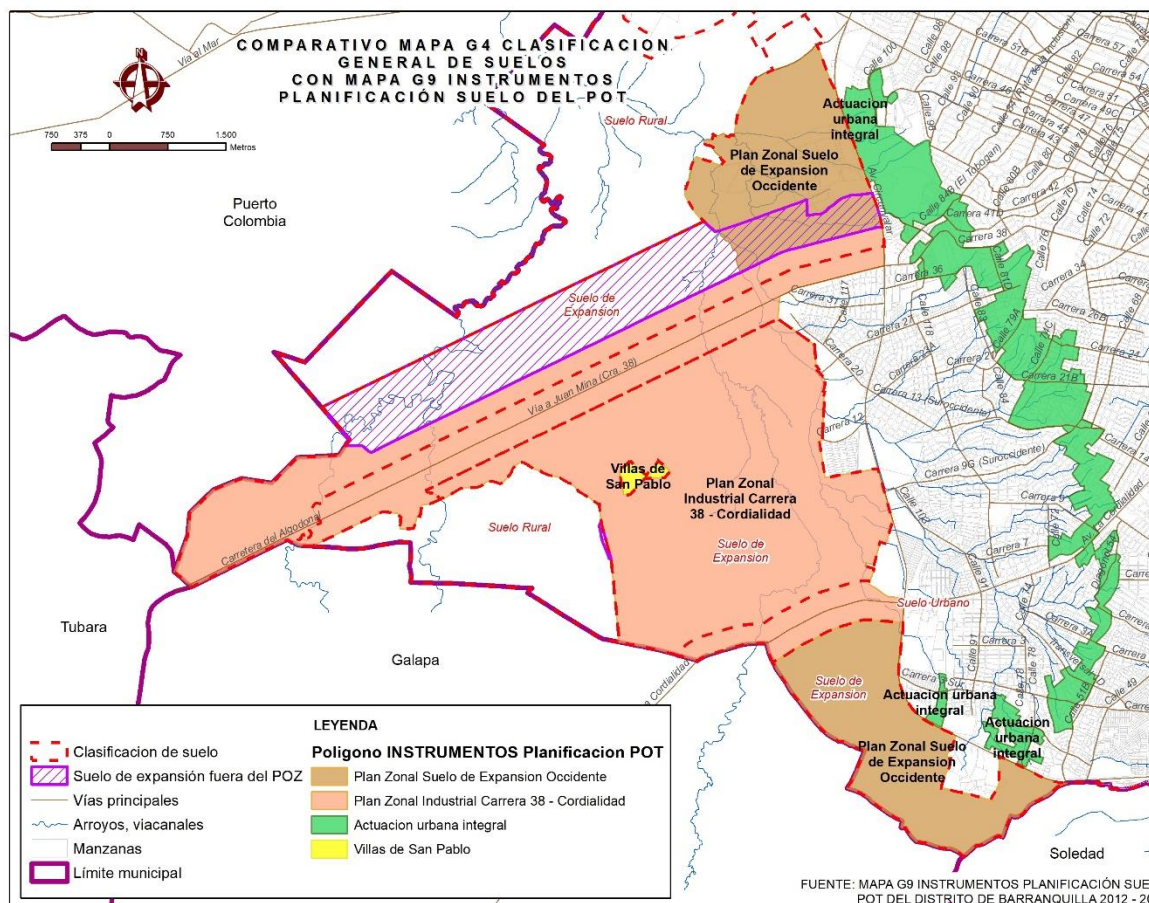
Teniendo en cuenta que el plan zonal es un instrumento que está orientado a dictaminar los criterios y lineamientos urbanísticos de un área estratégica, es conveniente incluir este globo de terreno en el polígono de estudio, para así asegurar un desarrollo idóneo del suelo de expansión.





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Ilustración 2. Comparación Plan Zonal K38-Cordialidad vs Suelo de Expansión.



B.

Luego de estudiar los planes parciales que a la fecha se han adoptado dentro del sector y en su área de influencia, se observa como la implantación del plan parcial

Es perentorio incluir dentro del polígono de estudio, estos suelos residuales de modo que se garantice el óptimo desarrollo de estos.

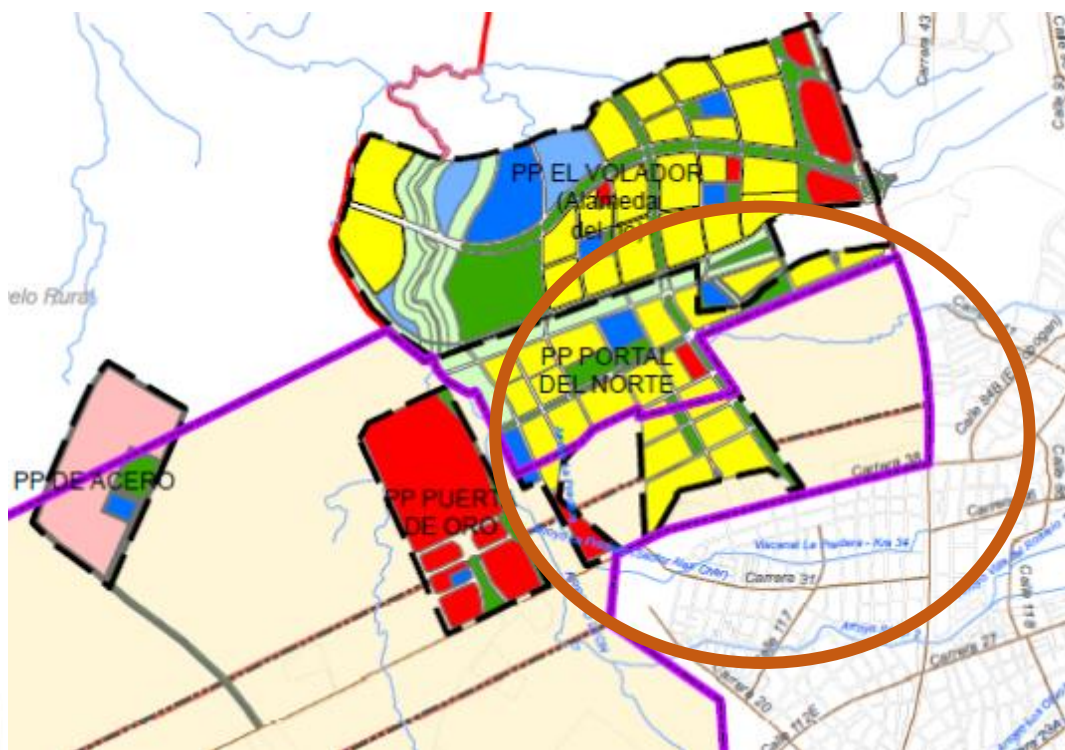




Portal del Norte genera suelos de expansión residuales con respecto a la delimitación preliminar del plan zonal. (Ilustración 3)

Así mismo debe adicionarse la totalidad del área del Plan Parcial Portal del Norte, al polígono del Plan Zonal, una vez que sus hechos urbanos se convierten en determinantes para el área de estudio. Es importante precisar que la normatividad de los planes parciales estará regida por las disposiciones de sus respectivos decretos.

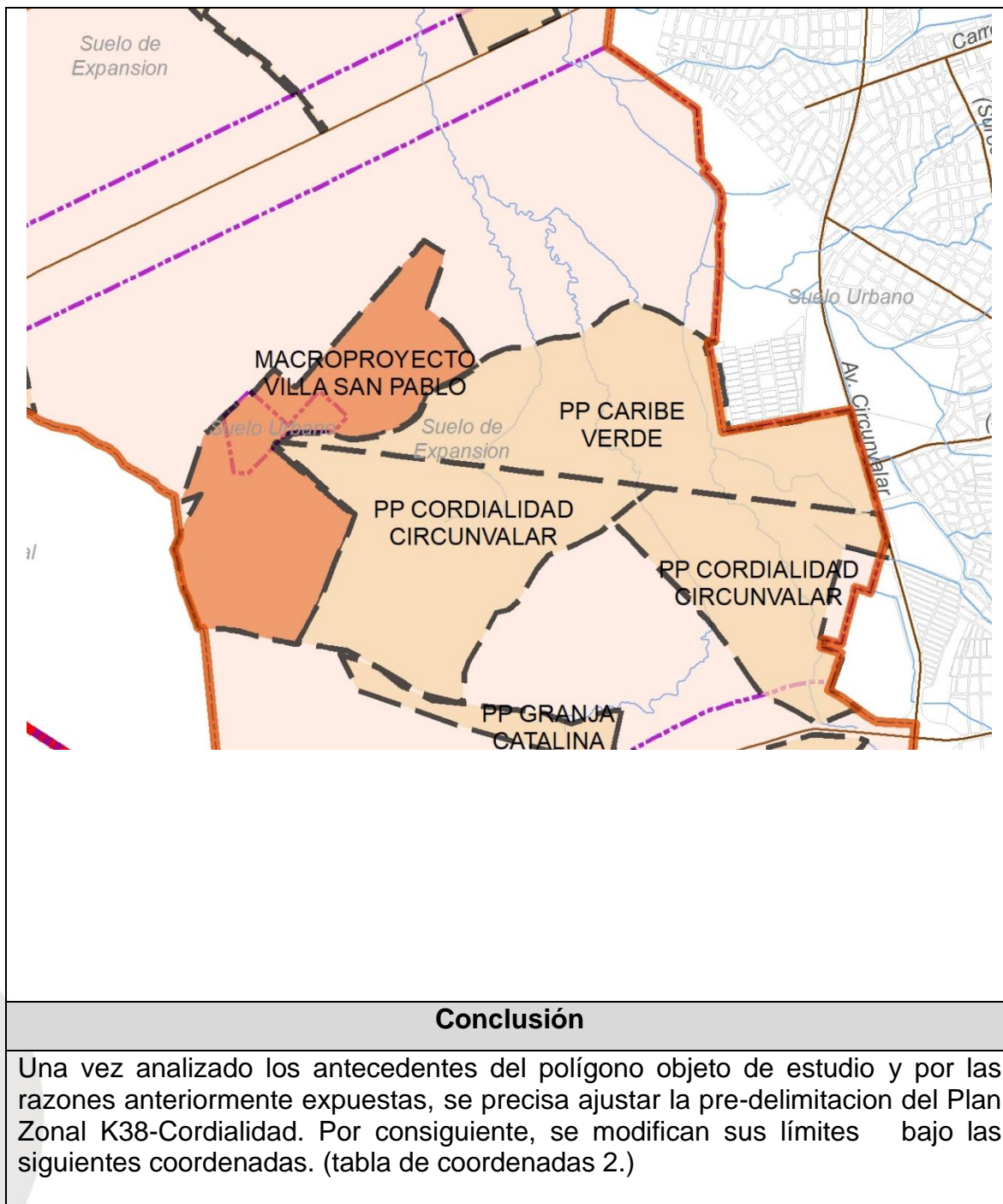
Ilustración 3. Planes Parciales (El volador y Portal del Norte)





C.	En el mapa G9, Villa San Pablo se define como Macroproyecto, y se excluye del polígono del Plan zonal K38-Cordialidad un área de 13.1 hectáreas, correspondiente al 10% del total del área del Macroproyecto.	Si bien es cierto que el Macroproyecto estará regido por las disposiciones establecidas en el decreto 362 del 13 de junio del 2012, no se puede excluir como tal, ya que hace parte específica del área de estudio y los hechos urbanos que allí se causan generan determinantes que afectan directamente la proyección del Plan Zonal.
Ilustración 4. Macroproyecto Villa San Pablo.		





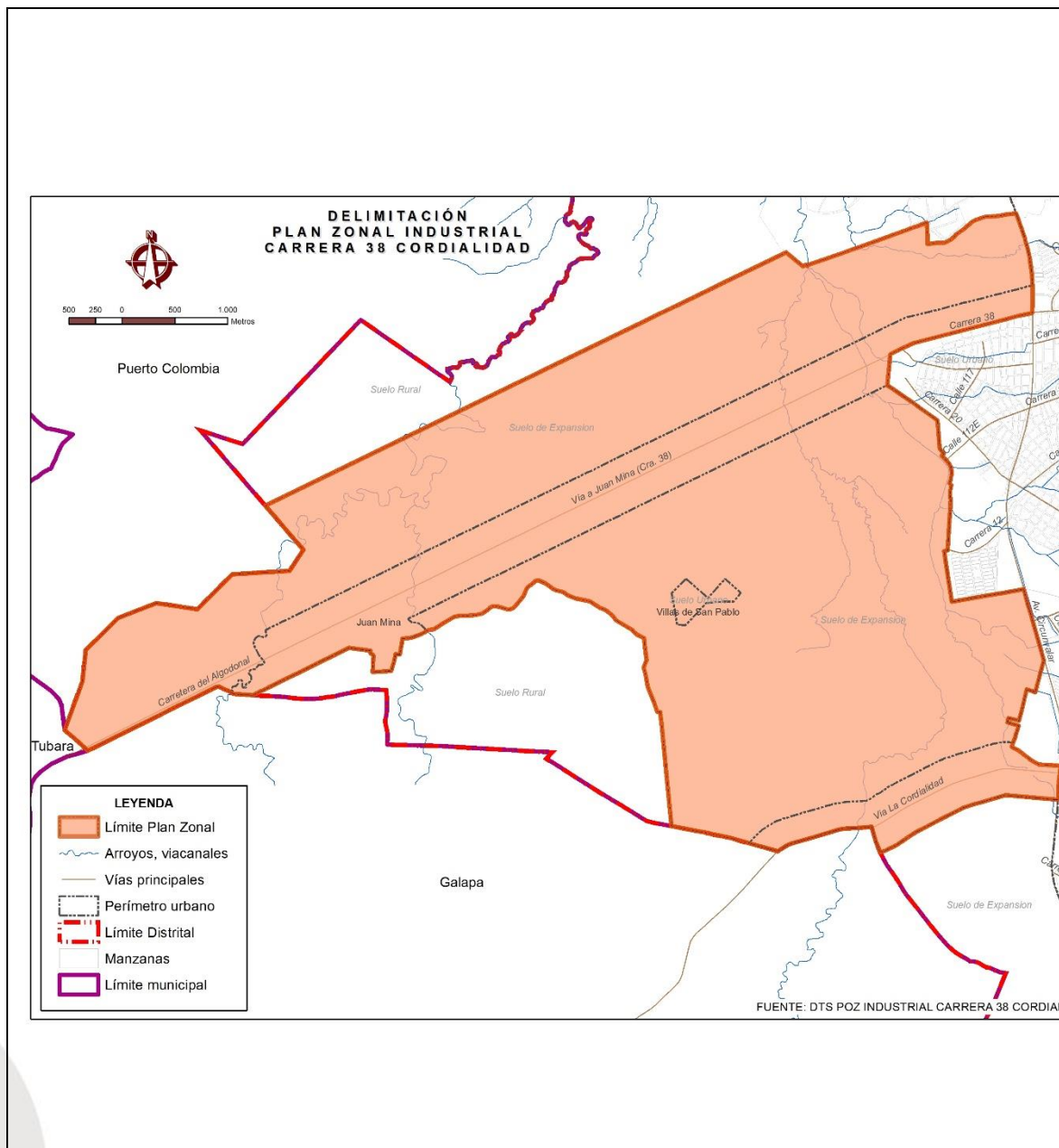




Tabla de coordenadas 2:

COORDENADAS AREA PLAN ZONAL INDUSTRIAL CARRERA 38 CORDIALIDAD - 2021		
COORDENADA	X	Y
1	913410,1430	1703252,7962
2	913399,2727	1703347,7951
3	913381,9851	1703354,1643
4	913357,8735	1703365,9925
5	913334,2169	1703380,0955
6	913316,0195	1703394,6535
7	913297,8221	1703413,7607
8	913291,9079	1703421,4947
9	913129,4959	1703516,1213
10	913125,8563	1703522,4905
11	913110,3885	1703544,7823
12	913088,5517	1703571,6235
13	913069,4443	1703587,5461
14	913063,0753	1703593,0055
15	913045,3329	1703604,3787
16	913028,9551	1703613,9325
17	913007,1183	1703622,5763
18	912987,5559	1703630,7651
19	912887,9251	1703693,0913
20	912755,5239	1703721,3475
21	912730,2571	1703731,1161
22	912730,6455	1703730,8319
23	912696,8505	1703744,0561
24	912672,7467	1703755,1515
25	912668,2235	1703758,7413
26	912668,1489	1703758,7051
27	912665,1695	1703760,8865
28	912662,6273	1703762,8233
29	912659,3587	1703764,8813
30	912656,0901	1703767,9077
31	912654,0233	1703769,6465
32	912653,7209	1703770,2513
33	912648,6429	1703774,2813
34	912637,1651	1703780,4029





35	912626,4523	1703784,2289
36	912564,4711	1703800,6807
37	912554,9063	1703804,5067
38	912539,9849	1703812,9239
39	912509,7595	1703834,3495
40	912479,9167	1703856,1575
41	912460,4043	1703866,8703
42	912445,5049	1703872,7323
43	912446,1987	1703873,0703
44	912435,3105	1703878,2845
45	912422,3977	1703884,0235
46	912405,4677	1703888,9015
47	912392,5549	1703889,4755
48	912385,0943	1703888,9015
49	912376,1989	1703886,0321
50	912368,7381	1703881,1539
51	912360,7037	1703872,5455
52	912351,2343	1703865,6587
53	912340,3301	1703856,7633
54	912330,5739	1703849,8765
55	912317,3743	1703841,2681
56	912305,8963	1703830,9379
57	912295,2791	1703817,7383
58	912285,5229	1703802,8169
59	912284,6591	1703800,9166
60	912280,9081	1703792,6645
61	912281,6233	1703793,0123
62	912275,2901	1703778,2349
63	912262,5369	1703747,1169
64	912251,3139	1703730,2825
65	912246,9000	1703725,2928
66	912239,5809	1703717,0191
67	912173,7739	1703641,0093
68	912158,4699	1703626,2155
69	912129,3923	1703616,0129
70	912110,0073	1703616,5231
71	912088,0717	1703623,1547
72	912058,9941	1703633,3575
73	912026,8559	1703641,5195





74	912001,3493	1703644,5803
75	911979,4287	1703646,0177
76	911978,8923	1703645,7567
77	911970,7395	1703644,9949
78	911960,9833	1703642,1253
79	911953,8095	1703638,6819
80	911944,3403	1703632,0821
81	911935,6733	1703624,7341
82	911934,7813	1703624,3001
83	911920,2383	1703612,4421
84	911906,9749	1703601,7291
85	911886,0595	1703588,4657
86	911867,1845	1703578,2631
87	911839,1273	1703569,5909
88	911812,5209	1703564,8297
89	911813,1927	1703565,1565
90	911731,5567	1703557,9955
91	911726,7565	1703557,5745
92	911688,0614	1703557,5745
93	911662,3665	1703557,5745
94	911631,4885	1703551,7183
95	911609,7663	1703547,5985
96	911571,6765	1703527,6467
97	911512,7279	1703491,3707
98	911512,1863	1703491,0799
99	911512,2021	1703491,0309
100	911415,0869	1703428,2597
101	911403,0281	1703427,1589
102	911403,0829	1703427,0601
103	911364,9559	1703424,1783
104	911351,6273	1703415,1493
105	911345,4067	1703413,0463
106	911327,4401	1703400,4905
107	911297,3893	1703385,0985
108	911257,0773	1703368,9737
109	911217,4983	1703355,7807
110	911169,8567	1703346,2523
111	911117,0845	1703341,1217
112	911113,2352	1703318,0263





113	911092,1643	1703191,6007
114	911079,6983	1703192,4755
115	911050,3865	1703194,5325
116	911046,1837	1703169,3159
117	911042,3241	1703146,1581
118	911036,7742	1703128,0607
119	911027,5848	1703098,0950
120	911008,6085	1703036,2159
121	910999,2347	1703035,6622
122	910901,5523	1703029,8921
123	910834,9001	1703025,9547
124	910837,4021	1703071,1506
125	910838,0711	1703083,2347
126	910839,3565	1703106,4541
127	910843,3843	1703179,2121
128	910808,7689	1703210,2487
129	910808,8839	1703210,8324
130	910812,1995	1703227,6663
131	910796,4879	1703229,6825
132	910703,1677	1703241,6575
133	910701,5782	1703241,8614
134	910612,3205	1703253,3151
135	910524,3899	1703210,4761
136	910401,5965	1703150,1149
137	910105,9597	1703004,7897
138	910085,6067	1702994,7848
139	910073,3539	1702988,7617
140	910039,8727	1702972,3035
141	910032,5020	1702968,6803
142	909854,9687	1702881,4107
143	909794,2001	1702851,5389
144	909776,4372	1702842,8072
145	909775,5242	1702842,3584
146	909771,6849	1702840,4711
147	909723,1098	1702816,5932
148	909722,1090	1702816,1012
149	909716,4364	1702813,3128
150	909704,8423	1702807,6133
151	909526,8121	1702818,0538





152	909519,0488	1702818,5091
153	909497,4329	1702831,5119
154	909464,9410	1702851,0579
155	909432,6398	1702861,9141
156	909409,3462	1702873,6848
157	909405,7017	1702875,5268
158	909384,2155	1702886,3859
159	909359,1280	1702884,7480
160	909358,8220	1702884,7751
161	909177,4693	1702794,8563
162	909052,1717	1702732,7309
163	909036,4011	1702724,9115
164	909016,4201	1702715,0045
165	908895,9125	1702655,2540
166	908804,8891	1702610,1226
167	908625,9878	1702521,4201
168	908590,4190	1702503,7845
169	908464,3483	1702441,2763
170	908417,6484	1702418,1216
171	908205,5874	1702312,9778
172	908187,1640	1702303,8432
173	908167,7791	1702294,2318
174	908144,2555	1702282,5685
175	908139,3711	1702286,8932
176	908098,7684	1702322,8437
177	908084,2961	1702336,4780
178	908027,9430	1702386,3742
179	908015,2511	1702397,6119
180	907970,3834	1702437,3387
181	907923,4762	1702476,2847
182	907934,1104	1702505,2828
183	907979,1142	1702628,0039
184	908053,1298	1702829,8375
185	908086,2036	1702920,0265
186	908092,3067	1702936,6693
187	908117,6741	1703196,9386
188	908120,6758	1703227,7365
189	908121,1143	1703232,2354
190	908121,5511	1703236,7173





191	908211,7424	1703324,4387
192	908369,5940	1703477,9677
193	908427,7740	1703534,5544
194	908467,2392	1703551,7564
195	908578,8561	1703595,4859
196	908593,9414	1703601,3961
197	908636,0047	1703617,8757
198	908790,3861	1703678,3597
199	909162,4308	1703622,0779
200	909180,5020	1703619,3442
201	909454,7948	1703895,0180
202	909499,8863	1703940,3367
203	909509,6442	1703950,1437
204	909563,8659	1703953,2926
205	909616,3393	1703956,3400
206	909618,3170	1703956,4549
207	909814,1292	1703967,8268
208	909854,9790	1703970,1991
209	909886,7572	1703972,0447
210	909939,5696	1703975,1118
211	910016,7156	1703979,5920
212	910026,0093	1703980,1318
213	910048,5518	1703981,4409
214	910049,5217	1703981,4973
215	910092,4430	1704047,8944
216	910129,8116	1704105,7018
217	910138,1866	1704118,6575
218	910138,5253	1704119,1814
219	910179,0081	1704181,8064
220	910134,2776	1704233,6509
221	910131,4962	1704236,8747
222	910129,2830	1704239,4398
223	910112,1293	1704259,3217
224	910089,7337	1704285,2792
225	910021,5389	1704364,3198
226	909995,5951	1704394,3898
227	909929,4311	1704471,0766
228	909829,9496	1704586,3798
229	909820,0826	1704597,8161





230	910759,8710	1705054,8719
231	912053,3958	1705683,9636
232	912187,1979	1705749,0368
233	912325,4375	1705816,2681
234	912498,7879	1705900,5752
235	913448,2227	1706362,3224
236	913553,0113	1706413,2852
237	913712,7182	1706490,9569
238	914105,3838	1706681,9255
239	914106,9447	1706682,6847
240	914742,0411	1706991,5569
241	914774,2377	1706965,5777
242	914837,9678	1706912,3964
243	914864,3025	1706890,7762
244	914883,6567	1706874,9110
245	914903,0296	1706859,0508
246	914920,8706	1706868,3242
247	914928,0215	1706872,0410
248	914937,2521	1706875,7225
249	914941,3509	1706866,9445
250	914942,9241	1706863,5754
251	914965,1743	1706876,4793
252	915061,3193	1706910,0088
253	915074,9714	1706914,7698
254	915074,9862	1706914,7530
255	915075,0078	1706914,7606
256	915088,2400	1706919,3752
257	915088,2252	1706919,3919
258	915176,7500	1706950,2639
259	915252,5346	1706976,6929
260	915370,1608	1707017,7136
261	915423,7822	1707036,4135
262	915423,7791	1707036,3905
263	915423,8186	1707036,4043
264	915436,1253	1707040,6961
265	915436,1284	1707040,7192
266	915446,4967	1707044,3350
267	915675,4905	1707127,5752
268	915731,4406	1707147,9133





269	915760,4977	1707158,4757
270	915760,5060	1707158,4562
271	915760,5342	1707158,4665
272	915772,7419	1707162,9040
273	915772,7336	1707162,9235
274	915911,2840	1707213,2872
275	915911,2883	1707213,2663
276	915911,3204	1707213,2779
277	915925,5223	1707218,4404
278	915954,9833	1707229,1496
279	915955,0154	1707229,1612
280	916017,4387	1707251,8524
281	916023,3731	1707254,0096
282	916047,8172	1707262,8951
283	916074,9799	1707272,7689
284	916075,3853	1707262,8951
285	916076,0471	1707246,7749
286	916077,9339	1707201,5786
287	916078,1012	1707198,4341
288	916078,4066	1707191,1184
289	916078,4856	1707189,2253
290	916078,5375	1707187,9832
291	916078,6235	1707185,9211
292	916080,0649	1707151,3945
293	916079,7075	1707068,3708
294	916099,3971	1707071,1139
295	916171,6999	1707081,1871
296	916179,9210	1707082,3324
297	916226,2602	1707081,1668
298	916238,0213	1707082,4997
299	916251,7947	1707087,5669
300	916263,2424	1707091,7785
301	916266,6797	1707093,6037
302	916266,6969	1707093,5842
303	916266,7162	1707093,5945
304	916269,3802	1707095,0090
305	916275,5962	1707098,3097
306	916278,2410	1707099,7140
307	916278,2602	1707099,7243





308	916292,9781	1707107,5394
309	916309,8689	1707118,4233
310	916310,8710	1707119,2521
311	916320,3791	1707127,1159
312	916328,3725	1707134,1282
313	916354,5780	1707163,5608
314	916362,6570	1707170,4096
315	916407,3508	1707200,9109
316	916425,6338	1707213,3881
317	916455,2290	1707239,3088
318	916455,2532	1707239,3300
319	916457,6429	1707241,4230
320	916463,2189	1707246,3067
321	916465,5845	1707248,3786
322	916465,6087	1707248,3998
323	916491,0463	1707270,6791
324	916492,0808	1707271,5852
325	916528,9615	1707294,1786
326	916608,2426	1707321,2422
327	916636,1218	1707327,5756
328	916638,4259	1707327,7277
329	916664,0724	1707329,4208
330	916664,5013	1707329,4603
331	916664,7162	1707329,4749
332	916664,7375	1707329,4763
333	916664,9524	1707329,4900
334	916716,5931	1707332,8996
335	916774,5576	1707339,2560
336	916834,0290	1707350,9668
337	916873,2250	1707355,3002
338	916873,2297	1707355,2875
339	916873,2614	1707355,2910
340	916907,0411	1707359,0256
341	916917,1435	1707360,1425
342	916919,2195	1707354,5475
343	916922,9637	1707344,4565
344	916935,5138	1707310,3697
345	916935,5365	1707310,3079
346	916941,3633	1707294,4820





347	916945,0019	1707284,5994
348	916962,5663	1707236,8935
349	916963,1585	1707235,1932
350	916977,7229	1707193,3793
351	916980,7021	1707183,9055
352	916985,8533	1707167,5247
353	916997,5871	1707130,2115
354	917002,1691	1707115,6405
355	917009,6165	1707088,2911
356	917012,7218	1707076,8870
357	917014,1055	1707071,8051
358	917029,1051	1707016,7205
359	917030,5267	1707011,4999
360	917039,8163	1706970,9193
361	917047,6389	1706924,4717
362	917047,9860	1706922,1367
363	917049,0063	1706915,2729
364	917049,1316	1706914,4297
365	917058,3953	1706852,1110
366	917058,4586	1706851,5929
367	917058,6995	1706849,6257
368	917062,5203	1706818,4231
369	917063,8298	1706807,7287
370	917064,2623	1706804,1965
371	917066,1135	1706783,3707
372	917068,1737	1706760,1934
373	917070,0679	1706728,8716
374	917070,9029	1706715,0654
375	917073,4515	1706672,9243
376	917073,9593	1706664,5275
377	917073,4297	1706518,3527
378	917071,6129	1706419,6506
379	917055,3247	1706415,9848
380	917008,1306	1706405,3634
381	916946,4253	1706391,4761
382	916945,9423	1706391,5909
383	916852,3142	1706367,2623
384	916807,6765	1706355,8603
385	916500,0504	1706277,2819





386	916465,3198	1706268,4105
387	915955,0329	1706137,2908
388	915883,6061	1706105,1333
389	915822,3164	1706075,2123
390	915729,1063	1706029,7081
391	915727,3859	1706012,6640
392	915700,7654	1705748,9210
393	915699,4601	1705735,9887
394	915747,4199	1705703,6537
395	915853,4253	1705632,1837
396	915935,8375	1705573,7016
397	915982,4071	1705540,6544
398	915982,4556	1705540,6200
399	915991,1925	1705534,4200
400	915991,7204	1705534,0454
401	915998,2935	1705529,3810
402	916175,6203	1705403,5447
403	916191,5807	1705194,1559
404	916194,0809	1705161,3560
405	916196,0311	1705135,7701
406	916234,5313	1705087,3283
407	916215,0327	1705070,1539
408	916236,2351	1705049,5705
409	916236,5517	1705049,2585
410	916237,4307	1705048,3415
411	916265,7127	1705017,5569
412	916266,1757	1705017,0411
413	916266,8393	1705016,2579
414	916284,8595	1704994,2331
415	916285,4413	1704993,4987
416	916286,5849	1704991,9031
417	916287,6215	1704990,2359
418	916288,4735	1704988,6523
419	916298,2357	1704969,1279
420	916298,3091	1704968,9803
421	916299,1193	1704967,1921
422	916299,8109	1704965,3547
423	916300,0797	1704964,5233
424	916303,6071	1704953,0439





425	916303,9081	1704951,9967
426	916304,3539	1704950,0849
427	916304,5611	1704948,9251
428	916307,7221	1704928,9671
429	916307,8347	1704928,1899
430	916308,0271	1704926,2363
431	916308,0871	1704924,7783
432	916308,5877	1704894,9947
433	916308,5277	1704892,5285
434	916308,3353	1704890,5747
435	916308,0155	1704888,6379
436	916307,9805	1704888,4645
437	916297,7065	1704838,3589
438	916297,2957	1704836,6203
439	916297,2703	1704836,5265
440	916289,1885	1704806,7507
441	916305,0093	1704791,7869
442	916293,9117	1704734,5079
443	916295,2681	1704687,7281
444	916299,3459	1704646,9503
445	916297,2315	1704626,4103
446	916295,8573	1704590,3339
447	916288,8353	1704460,4787
448	916272,4077	1704194,3493
449	916272,0551	1704188,6385
450	916271,7831	1704184,2323
451	916271,1867	1704174,5701
452	916255,8629	1704172,0161
453	916237,3013	1704168,9225
454	916240,5233	1704147,8959
455	916250,5817	1704082,2549
456	916250,7149	1704081,3851
457	916310,8063	1703689,2313
458	916310,8339	1703689,0503
459	916310,9209	1703689,0655
460	916469,4645	1703716,7903
461	916593,4705	1703738,4755
462	916743,5645	1703764,7227
463	916745,3571	1703765,0361





464	916755,3145	1703766,7773
465	916769,1559	1703769,1977
466	916989,3743	1703807,7077
467	917025,1765	1703678,4221
468	917033,9695	1703648,2429
469	917054,5143	1703577,7285
470	917086,8357	1703463,6091
471	917114,7261	1703365,5505
472	917118,1627	1703353,4679
473	917145,2629	1703256,0063
474	917178,0815	1703144,3733
475	917181,0569	1703134,0017
476	917150,2427	1703022,3119
477	917098,3615	1702835,8205
478	917089,2827	1702838,7615
479	917018,8647	1702861,5731
480	917012,0318	1702834,0451
481	916968,9508	1702660,4812
482	916954,3672	1702601,7273
483	916945,3103	1702565,2391
484	916935,3168	1702567,7906
485	916845,8269	1702590,6391
486	916839,7420	1702563,5951
487	916836,3019	1702548,3057
488	916941,0771	1702518,1431
489	916933,1395	1702486,3931
490	916915,6249	1702431,0631
491	916909,8561	1702412,8389
492	916890,5755	1702357,7513
493	916876,5185	1702317,5886
494	916936,8436	1702285,3093
495	916955,3645	1702273,1385
496	916999,1001	1702240,8453
497	917046,3813	1702205,9342
498	917046,3813	1702202,7592
499	917087,6564	1702177,8883
500	917133,4279	1702151,0561
501	917338,5231	1702140,4606
502	917330,7809	1702068,8848





503	917327,0085	1702034,0090
504	917322,7209	1701989,4181
505	917317,0635	1701930,5806
506	917314,0039	1701819,6183
507	917310,3237	1701819,8949
508	917298,0426	1701820,9352
509	916980,0239	1701847,8747
510	916979,0721	1701847,9571
511	916839,3157	1701860,3339
512	916819,3139	1701860,7463
513	916812,3411	1701859,5107
514	916771,4991	1701848,0751
515	916599,6785	1701796,7449
516	916592,8229	1701794,8029
517	916592,7703	1701794,7889
518	916529,1539	1701777,7577
519	916422,8121	1701743,7095
520	916403,5931	1701735,2307
521	916273,7707	1701669,8001
522	916194,5917	1701628,8641
523	916026,3349	1701541,7599
524	915971,5755	1701512,3095
525	915882,1431	1701454,8173
526	915876,8565	1701451,2825
527	915791,6025	1701394,2783
528	915791,5363	1701394,2339
529	915777,6437	1701385,5951
530	915764,4469	1701378,4945
531	915693,3591	1701342,9507
532	915692,1279	1701342,3393
533	915677,2267	1701335,5877
534	915661,9157	1701329,8251
535	915646,2605	1701325,0761
536	915633,0131	1701321,9871
537	915590,8607	1701418,5545
538	915578,3222	1701463,9439
539	915559,9594	1701530,4171
540	915551,3439	1701561,6055
541	915514,6937	1701559,0369





542	915488,7448	1701556,4545
543	915402,6943	1701550,7178
544	915317,7195	1701546,0567
545	915263,5795	1701539,9615
546	915236,6887	1701533,5077
547	915185,0585	1701518,8074
548	915080,3639	1701488,3313
549	914996,1063	1701463,2332
550	914886,3920	1701429,8887
551	914800,3416	1701404,7907
552	914752,6553	1701386,1464
553	914727,1987	1701372,8803
554	914699,9495	1701356,0288
555	914665,5293	1701329,8551
556	914648,6777	1701335,9504
557	914421,7199	1701400,4882
558	914393,7257	1701408,1967
559	914369,1432	1701414,9658
560	914223,8039	1701454,9867
561	914148,8683	1701472,1968
562	914026,6378	1701497,6615
563	914024,8077	1701498,0427
564	914019,8032	1701499,0854
565	913976,7677	1701508,0511
566	913868,4875	1701528,8467
567	913681,6865	1701566,1352
568	913659,2204	1701570,3798
569	913640,7149	1701758,9719
570	913564,5062	1702535,6224
571	913554,4611	1702637,9931
572	913552,1764	1702646,2248
573	913548,6005	1702646,4880
574	913525,8976	1702648,1588
575	913516,4123	1702675,9521
576	913499,4228	1702725,0174
577	913463,0904	1702820,2337
578	913448,8351	1702851,1509
579	913435,4941	1702888,7307
580	913422,0758	1702965,3472





581	913416,1784	1702995,3466
582	913409,4013	1703023,5230
583	913395,6948	1703066,1360
584	913413,1931	1703108,9011
585	913423,7097	1703134,2338
Sistema de referencia: MAGNA – SIRGAS		
Proyección: Transversa de Mercator		
Datum: MAGNA_ATL_BARRANQUILLA		
Elipsoide: CGS_ATL_Barranquilla		
Falso Este: 917.264,4		
Falso Norte: 1.699.839,9		
Latitud de Origen: 10,923183		
Origen: Central		
Factor de Escala: 1		
Unidad lineal: Metros		

