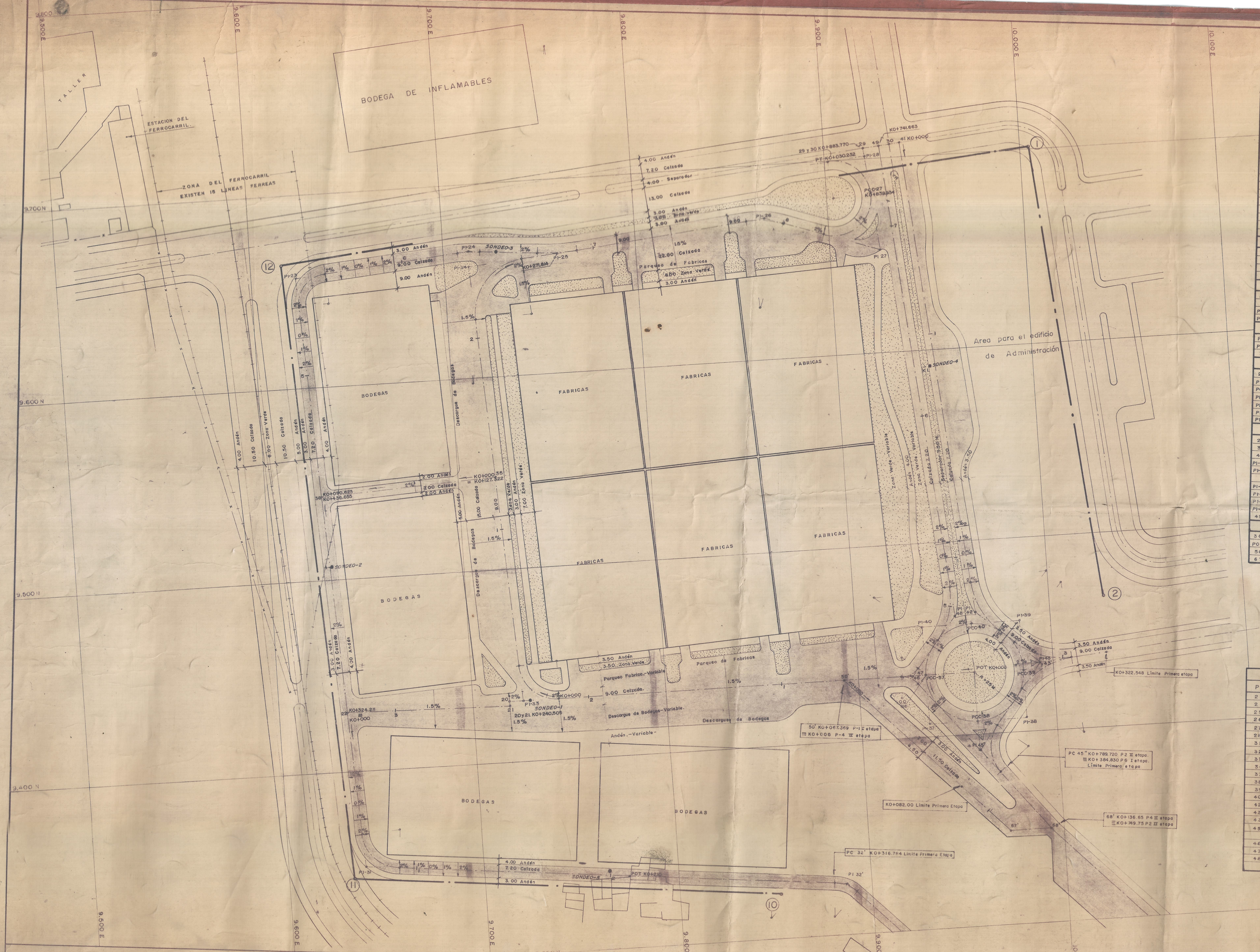

SISTEMA DE LOCALIZACION							
POLIGONAL Nº 1							
Del	Al	Rumbo	Angulo Derecho	Distancia	NORTES	ESTES	Puntos
Δ 3	Δ 23A	S 84° 36' 31" W		152.430	9.483.606	10.039.213	Δ 23A
Δ 23A	Δ M6'	N 5° 20' 59" W	270° 02' 30"	233.470	9.716.059	10.017.446	Δ M6'
Δ M6'	30	S 84° 39' 01" W	90°00'00"	84.500	9.708.181	9.933.314	30
30	POT	S 5° 20' 59" E	90°00'00"	277.665	9.431.726	9.959.202	POT
POT	20	S 89° 58' 36" W	275° 19' 35"	240.505	9.431.628	9.718.697	20
20	21	S 00° 20' 03" W	90° 21' 27"	2.500	9.429.128	9.718.682	21
21	22	N 88° 58' 54" W	270° 41' 04"	83.706	9.430.616	9.634.989	22
22	23	N 3° 12' 11" W	265° 46' 43"	226.932	9.657.194	9.622.309	23
23	24	N 84° 38' 09" E	267° 50' 20"	90.648	9.665.668	9.712.560	24
24	25	S 85° 18' 54" E	190° 02' 57"	46.133	9.661.900	9.758.539	25
25	26	N 83° 59' 37" E	169° 18' 31"	108.665	9.673.271	9.866.607	26
26	27	S 71° 13' 52" E	204° 46' 31"	61.430	9.653.506	9.924.770	27
27	28	N 5° 21' 00" W	85° 52' 52"	49.120	9.702.412	9.920.190	28
28	29	N 5° 21' 00" W	180° 00' 00"	4.523	9.706.915	9.919.768	29
29	30	N 84° 39' 00" E	270° 00' 00"	13.603	9.708.183	9.933.312	30
30	POT	S 5° 20' 59" E	270° 00' 00"	277.665	9.431.728	9.959.200	POT
POLIGONAL Nº 2							
23	22	S 3° 12' 11" E		226.932	9.430.614	9.634.987	22
22	31	S 3° 12' 11" E	180° 00' 00"	80.138	9.350.601	9.639.465	31
31	32'	S 84° 28' 18" E	98° 43' 53"	248.972	9.326.617	9.887.279	32'
32'	59"	S 44° 26' 26" E	220° 01' 52"	365.923	9.065.356	10.143.487	59"
POLIGONAL Nº 3							
POT	20	S 89° 58' 36" W		240.505	9.431.626	9.718.695	20
20	PI-33	N 89° 58' 36" E	360° 00' 00"	7.000	9.431.629	9.725.695	PI-33
PI-33	PI-34	N 3° 12' 12" W	86° 49' 12"	226.888	9.658.163	9.713.016	PI-34
PI-34	PI-25	N 85° 18' 36" E	268° 30' 48"	45.675	9.661.898	9.758.538	PI-25
POLIGONAL Nº 4							
POT	PI-33	S 89° 58' 36" W		233.505	9.431.629	9.725.696	PI-33
PI-33	35	N 3° 12' 12" W	266° 49' 12"	116.300	9.547.947	9.719.186	35
35	36	S 86° 47' 48" W	90° 00' 00"	90.623	9.542.883	9.628.705	36
POLIGONAL Nº 5							
20	POT	N 89° 58' 36" E		240.505	9.431.724	9.959.200	POT
POT	PCC-37	S 89° 58' 36" W	360° 00' 00"	25.000	9.431.714	9.934.200	PCC-37
PCC-37	PI-37	S 0° 01' 24" E	90° 00' 00"	25.000	9.406.714	9.934.210	PI-37
PI-37	PI-38	N 89° 58' 36" E	90° 00' 00"	50.000	9.406.734	9.984.210	PI-38
PI-38	PI-39	N 0° 01' 24" W	90° 00' 00"	50.000	9.456.734	9.984.190	PI-39
PI-39	PI-40	S 89° 58' 36" W	90° 00' 00"	50.000	9.456.714	9.934.190	PI-40
PI-40	PCC-37	S 0° 01' 24" E	90° 00' 00"	25.000	9.431.714	9.934.200	PCC-37
POLIGONAL Nº 6							
29	30	N 84° 39' 01" E		13.603	9.708.181	9.933.314	30
30	41	N 84° 39' 01" E	180° 00' 00"	5.350	9.708.680	9.938.641	41
41	PI-42	S 5° 20' 59" E	270° 00' 00"	247.000	9.462.756	9.961.670	PI-42
PI-42	PI-43	S 48° 52' 35" E	136° 28' 51"	42.135	9.435.044	9.993.410	PI-43
PI-43	PI-45"	S 37° 47' 27" W	266° 39' 35"	54.618	9.391.883	9.959.941	PI-45"
PI-45"	PI-46	N 39° 55' 15" W	282° 17' 18"	51.929	9.431.710	9.926.617	PI-46
PI-46	PI-47	N 89° 48' 45" E	309° 44' 00"	0.769	9.432.713	9.927.386	PI-47
PI-47	PI-48	N 38° 11' 05" E	128° 22' 16"	38.224	9.461.758	9.951.016	PI-48
PI-48	49	N 6° 20' 59" W	136° 28' 00"	247.000	9.707.682	9.927.987	49
49	30	N 84° 39' 01" E	270° 00' 00"	5.350	9.708.181	9.933.314	30
POLIGONAL Nº 7							
30	POT	S 5° 20' 59" E			9.431.724	9.959.200	POT
POT	50'	S 89° 58' 36" W	275° 19' 35"	67.369	9.431.699	9.891.833	50'
50'	67'	S 44° 25' 20" E	45° 36' 14"	116.148	9.348.745	9.973.129	67'
67'	68'	S 89° 25' 20" E	135° 00' 00"	20.506	9.348.538	9.993.634	68'

ELEMENTOS DE LAS CURVAS								ABSCISAS	
PI	Δ	G	R	T	L	E	C	PC	PT
23	87°50'20"	18°28'00"	15.580	15.003	23.783	6.049	5.00	K0+536.140	K0+559.923
24	10°02'57"	4°12'00"	68.224	5.998	11.963	0.263	5.00	K0+629.570	K0+641.533
25	10°41'29"	2°40'00"	107.439	10.053	20.046	0.469	5.00	K0+671.615	K0+691.661
26	24°46'31"	6°18'00"	45.496	9.992	19.663	1.084	5.00	K0+780.281	K0+799.944
27	114°07'08"	14°52'30"	19.313	29.807	38.359	16.204	5.00	K0+821.575	K0+859.934
28	90°00'00"	14°52'30"	19.313	19.313	30.252	8.000	5.00	K0+000	K0+030.252
31	81°16'07"	14°30'00"	19.810	17.000	28.024	6.294	5.00	K0+063.138	K0+091.162
32'	40°01'52"	16°30'00'	17.420	6.350	12.130	1.121	5.00	K0+316.784	K0+328.914
33	86°49'12"	15°00'00"	19.153	18.118	28.940	7.212	5.00	K0+000	K0+028.940
34	88°30'48"	10°00'00"	28.648	27.914	44.257	11.350	5.00	K0+209.796	K0+254.053
37	90°00'00"	11°28'42"	25.000	25.000	39.204	10.355	5.00	K0+000	K0+039.204
38	90°00'00"	11°28'42"	25.000	25.000	39.204	10.355	5.00	K0+039.204	K0+078.408
39	90°00'00"	11°28'42"	25.000	25.000	39.204	10.355	5.00	K0+078.408	K0+117.612
40	90°00'00"	11°28'42"	25.000	25.000	39.204	10.355	5.00	K0+117.612	K0+156.816
42	43°31'09"	7°20'00"	39.092	15.607	29.672	3.000	5.00	K0+231.393	K0+261.065
43	46°41'03"	7°20'12"	39.074	16.862	31.816	3.482	5.00	K0+272.731	K0+304.548
43'	46°38'55"	7°19'50"	39.107	16.862	31.818	3.482	5.00	K0+304.548	K0+336.364
45"	75°38'58"	14°30'00"	19.810	15.380	26.086	5.271	5.00	K0+358.740	K0+384.830
46	50°06'09"	27°01'52"	10.697	5.000	9.268	1.110	5.00	K0+443.345	K0+452.613
47	51°37'44"	28°00'00"	10.336	5.000	9.220	1.150	5.00	K0+453.382	K0+462.975
48	43°32'00"	7°20'00"	39.092	15.609	29.682	3.000	5.00	K0+480.590	K0+510.272

PLANES LIMITADA
INGENIEROS CONSULTORES
CALI COLOMBIA

PRESENTO:	DIBUJO:	APROBO:	MODIFICACIONES	ESCALA	REFERENCIAS
O. SOLANILLA M.	J. A. RUIZ P.		I – OCTUBRE DE 1.972: Coordenadas sistema de locali- II zacion y elementos de las curvas 43 y 43' III DICIEMBRE DE 1.972: Empalme con la segunda Etapa IV	1: 1.000	PLANES LTDA
PROYECTO: C. A. ZULUAGA C.	REVISO: C. A. ZULUAGA C.				

PROYECTO:

PLAN VIAL PRIMERA ETAPA
PLANTA GENERAL

ZONA FRANCA COMERCIAL E INDUSTRIAL DE BUENAVENTURA

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CALI, AGOSTO DE 1972
PL Nº 1 DE 13