

CONSULTORIA:

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MP. 25202-276677 CND

APROBÓ:  
ING. JUAN MANUEL GUTIÉRREZ  
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INTERVENTORIA:  
ING. RUBÉN SANTOS SANABRIA  
M.P. 25202-091904 CND

REFERENCIAS TOPOGRÁFICAS

PLACA	ESTE (m)	NORTE (m)	COTA (m s.n.m.)
GPS-1	532150.586	1971252.677	108.737
GPS-2	532126.643	1971166.262	104.325
GPS-3	531895.354	1971420.983	4.837
GPS-4	531870.685	1971279.573	10.431
GPS-5	532097.464	1971777.661	10.487
GPS-6	532336.080	1971757.232	15.168
GPS-7	532640.659	1971562.543	43.668
GPS-8	532667.041	1971607.019	43.662

OBSERVACIONES O MODIFICACIONES

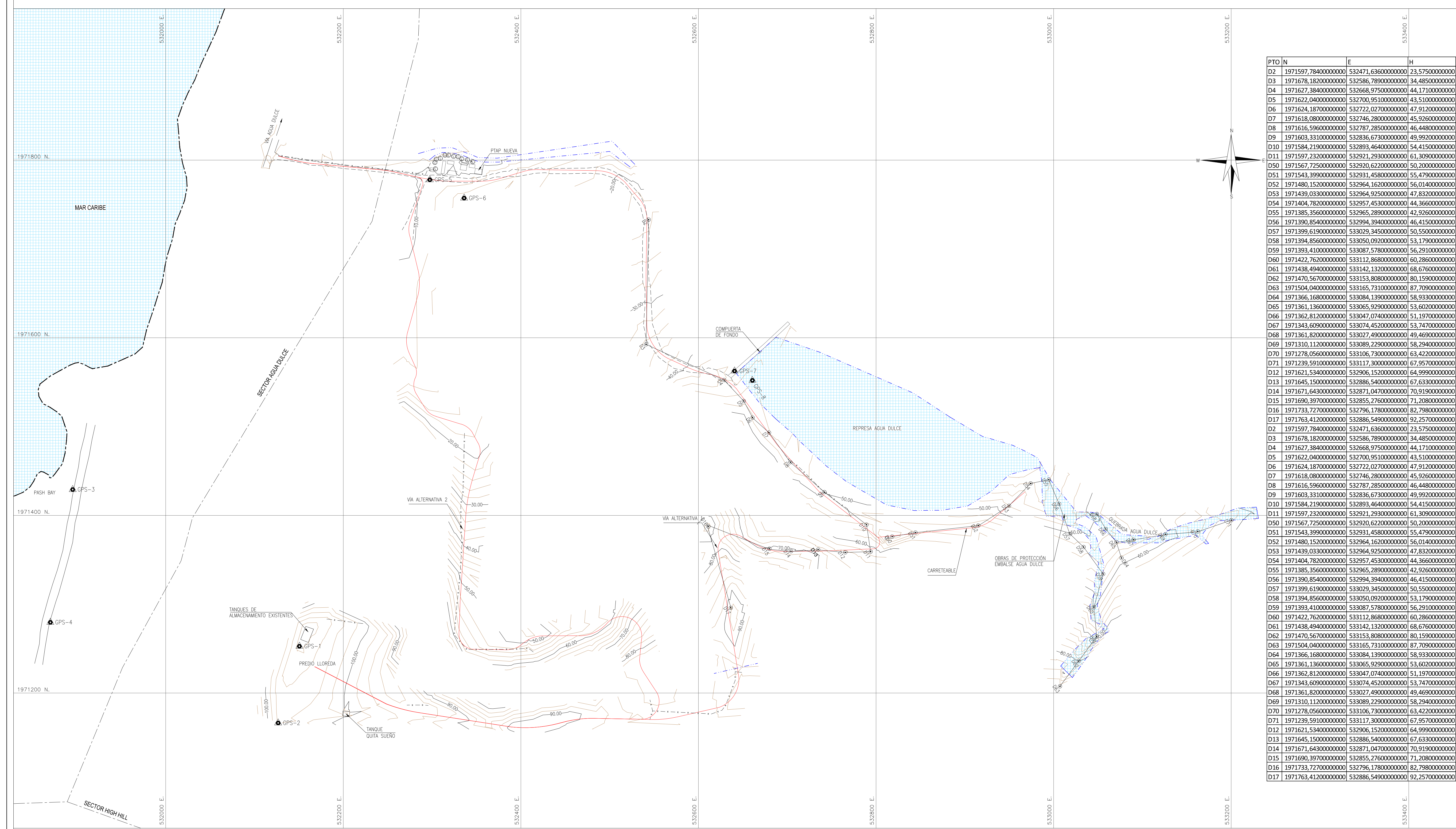
FECHA	No.	OBSERVACION

CONVENCIONES

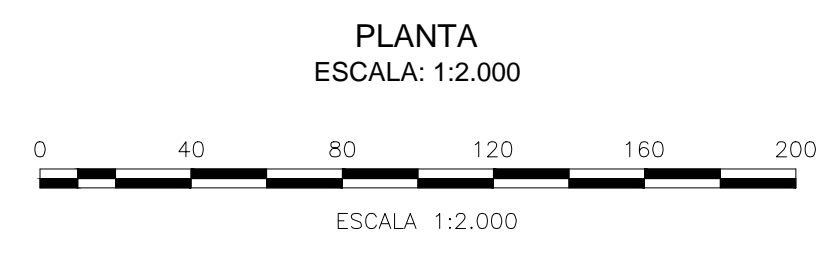
	CURVA DE NIVEL ÍNDICE
	CURVA DE NIVEL INTERMEDIA
	PARAMENTO
	VIA ALTERNATIVA
	VIA PAVIMENTADA
	VIA SIN PAVIMENTADA
	RIOS - REPRESA
	CERCA
	ARBOL
	SECTOR
	GPS PLACA TOPOGRÁFICA
	BORDE ISLA
	D1 ⊕ DELTAS

NOTA:

- La topografía levantada corresponde únicamente a las zonas de estudio del presente proyecto.
- El área de la lámina del embalse y los sectores de la isla fueron tomados de los planos de obra construida de VALGRUCCO.
- El trazado de las alternativas de las vías es aproximado, el diseño detallado será el entregado luego del análisis de alternativas.



PTO	N	E	H
D2	1971597,7840000000	532471,6360000000	23,5750000000
D3	1971678,1820000000	532586,7890000000	34,4850000000
D4	1971627,3840000000	532668,9750000000	44,1710000000
D5	1971622,0400000000	532700,9510000000	43,5100000000
D6	1971624,1870000000	532722,0270000000	47,9120000000
D7	1971618,0800000000	532746,2880000000	45,9260000000
D8	1971616,5960000000	532787,2850000000	46,4480000000
D9	1971603,3310000000	532836,6730000000	49,9920000000
D10	1971584,2190000000	532893,4640000000	54,4150000000
D11	1971597,2320000000	532921,2930000000	61,3090000000
D50	1971567,7250000000	532920,6220000000	50,2000000000
D51	1971543,3990000000	532931,4580000000	55,4790000000
D52	1971480,1520000000	532964,1620000000	56,0140000000
D53	1971439,0330000000	532964,9250000000	47,8320000000
D54	1971404,7820000000	532957,4530000000	44,3660000000
D55	1971385,3560000000	532965,2890000000	42,9260000000
D56	1971390,8540000000	532994,3840000000	46,4150000000
D57	1971399,6190000000	533029,3450000000	50,5500000000
D58	1971394,8560000000	533050,0920000000	53,1790000000
D59	1971393,4100000000	533087,5780000000	56,2910000000
D60	1971422,7620000000	533112,8680000000	60,2860000000
D61	1971438,4940000000	533142,1320000000	68,6760000000
D62	1971470,5670000000	533153,8080000000	80,1590000000
D63	1971504,0400000000	533165,7310000000	87,7090000000
D64	1971366,1680000000	533084,1390000000	58,9330000000
D65	1971361,1360000000	533065,9290000000	53,6020000000
D66	1971362,8120000000	533047,0740000000	51,1970000000
D67	1971343,6090000000	533074,4520000000	53,7470000000
D68	1971361,8200000000	533027,4900000000	49,4690000000
D69	1971310,1120000000	533089,2290000000	58,2940000000
D70	1971278,0560000000	533106,7300000000	63,4220000000
D71	1971239,5910000000	533117,3000000000	67,9570000000
D12	1971621,5340000000	532906,1520000000	64,9990000000
D13	1971645,1500000000	532886,5400000000	67,6330000000
D14	1971671,6430000000	532871,0470000000	70,9190000000
D15	1971690,3970000000	532855,2760000000	71,2080000000
D16	1971733,7270000000	532796,1780000000	82,7980000000
D17	1971763,4120000000	532886,5490000000	92,2570000000
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D6	1971624,1870000000	532722,0270000000	47,9120000000
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D51	1971543,3990000000	532931,4580000000	55,4790000000
D52	1971480,1520000000	532964,1620000000	56,0140000000
D53	1971439,0330000000	532964,9250000000	47,8320000000
D54	1971404,7820000000	532957,4530000000	44,3660000000
D55	1971385,3560000000	532965,2890000000	42,9260000000
D56	1971390,8540000000	532994,3840000000	46,4150000000
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D17	1971763,4120000000	532886,5490000000	92,2570000000



TOPOGRAFÍA

PROYECTO:  
CONTRATO No. 0010-2015  
PROYECTO OBRAS COMPLEMENTARIAS  
ACUEDUCTO PROVIDENCIA

CONTENIDO:  
LEVANTAMIENTO TOPOGRÁFICO

PLANO ACUEDUCTO

FECHA:	MARZO 2016	PLANO No.:	2
ESCALA:	INDICADAS	DE	35
ARCHIVO:	02-C341-IEHG-TOP-01-V0.dwg	VERSIÓN:	0
CÓDIGO:	02-C341-IEHG-TOP-01		