



CUADRO DE CONSTRUCCION							
LADO	EST	PV	RUMBO	DISTANCIA	V	COORDENADAS	
						Y	X
6	7		S 77°30'35.00" W	5.48	7	2,104,501.178	277,634.431
7	8		S 71°53'59.48" W	15.04	8	2,104,499.992	277,629.077
8	9		S 18°10'28.82" E	10.44	9	2,104,485.397	277,618.034
9	10		S 04°26'44.41" W	15.16	10	2,104,470.284	277,616.859
10	11		N 84°23'38.55" E	5.07	11	2,104,470.779	277,621.902
11	12		N 77°29'20.65" E	15.99	12	2,104,474.243	277,637.513
12	18		N 86°32'57.78" E	40.54	18	2,104,476.683	277,677.979
18	19		N 87°24'02.63" E	60.84	19	2,104,479.442	277,738.754
19	22		N 89°22'05.05" E	38.90	22	2,104,479.871	277,777.649
22	27		N 88°25'30.48" E	33.73	27	2,104,480.798	277,811.366
27	28		S 80°32'25.91" E	42.91	28	2,104,473.745	277,853.697
28	29		S 72°25'19.80" E	38.07	29	2,104,462.247	277,889.992
29	30		S 86°25'04.90" E	6.34	30	2,104,461.851	277,896.318
30	31		N 82°05'14.32" E	14.83	31	2,104,463.893	277,911.010
31	33		N 72°27'16.29" E	7.94	33	2,104,466.288	277,918.585
33	34		N 70°12'46.27" E	30.70	34	2,104,476.681	277,947.473
34	35		N 71°04'42.12" E	27.77	35	2,104,485.887	277,973.745
35	36		N 81°06'06.55" E	27.01	36	2,104,489.864	278,000.426
36	37		N 87°40'52.55" E	38.76	37	2,104,491.432	278,039.150
37	38		N 83°06'50.65" E	23.78	38	2,104,494.283	278,062.758
38	43		N 69°31'06.94" E	22.82	43	2,104,502.268	278,084.136
43	44		N 63°43'09.06" E	39.49	44	2,104,519.751	278,119.540
44	45		N 88°24'19.03" E	9.81	45	2,104,520.024	278,129.346
45	46		S 79°11'12.98" E	15.47	46	2,104,517.122	278,144.540
46	47		S 76°38'08.49" E	16.01	47	2,104,513.422	278,160.114
47	48		S 77°38'23.79" E	15.43	48	2,104,510.119	278,175.187
48	49		S 62°30'15.90" E	16.40	49	2,104,507.980	278,191.444
49	50		N 89°48'05.60" E	19.92	50	2,104,508.049	278,211.366
50	51		S 89°47'43.81" E	17.37	51	2,104,507.987	278,228.737
51	52		N 89°07'17.42" E	16.96	52	2,104,508.247	278,245.693
52	55		N 88°45'46.47" E	35.53	55	2,104,509.014	278,281.211
55	58		S 08°26'08.35" W	24.03	58	2,104,485.246	278,277.672
58	59		S 01°37'10.84" W	20.63	59	2,104,464.628	278,277.089
59	62		S 21°56'41.56" E	22.57	62	2,104,443.690	278,285.518
62	63		S 03°22'05.89" E	14.62	63	2,104,429.095	278,286.377
63	64		S 20°29'51.02" W	18.33	64	2,104,411.927	278,279.959
64	65		S 38°38'46.53" W	58.11	65	2,104,366.540	278,243.667
65	66		S 42°54'50.15" W	20.38	66	2,104,351.616	278,229.792
66	69		S 60°36'45.70" W	20.17	69	2,104,341.717	278,212.215
69	70		S 59°46'20.28" W	22.39	70	2,104,330.446	278,192.871
70	71		S 40°55'43.28" W	16.34	71	2,104,318.098	278,182.164
71	72		S 30°11'33.07" W	18.07	72	2,104,302.482	278,173.078
72	73		S 42°54'45.88" W	26.09	73	2,104,281.907	278,153.950
73	76		S 21°14'25.07" E	38.36	76	2,104,246.153	278,167.847
76	77		S 09°17'28.24" W	26.53	77	2,104,219.973	278,163.564
77	78		S 03°30'59.28" E	31.76	78	2,104,188.273	278,165.512
78	81		S 24°56'23.12" W	45.99	81	2,104,146.568	278,146.118
81	82		S 47°32'24.73" W	45.73	82	2,104,115.700	278,112.384
82	86		S 10°54'25.67" W	34.76	86	2,104,081.569	278,105.807
86	87		S 04°16'56.27" E	24.44	87	2,104,057.200	278,107.846
87	88		S 03°21'55.18" W	53.51	88	2,104,003.785	278,104.505
88	91		S 01°58'32.66" E	29.44	91	2,103,974.362	278,105.520
91	92		S 35°32'16.70" E	22.64	92	2,103,955.941	278,118.678
92	93		S 27°01'42.41" W	17.69	93	2,103,940.179	278,110.637
93	94		S 36°54'10.49" W	10.41	94	2,103,931.853	278,104.385
94	98		S 20°08'41.60" W	15.04	98	2,103,917.735	278,099.206
98	99		S 14°09'49.21" E	34.90	99	2,103,883.899	278,107.745
99	100		S 28°05'33.08" E	26.71	100	2,103,860.557	278,120.733
100	103		S 15°57'57.75" E	38.12	103	2,103,823.906	278,131.219
103	104		S 18°55'17.62" W	41.70	104	2,103,784.457	278,117.696
104	105		S 45°35'35.33" W	57.72	105	2,103,744.069	278,076.463
105	108		S 53°28'57.10" W	67.57	108	2,103,703.862	278,022.161
108	109		S 74°26'02.97" W	36.45	109	2,103,694.080	277,987.045
109	110		S 62°44'20.54" W	21.65	110	2,103,684.163	277,967.799
110	113		S 76°56'37.30" W	17.87	113	2,103,680.136	277,950.388
113	114		N 84°24'33.64" W	19.44	114	2,103,682.030	277,931.039
114	115		N 84°56'28.88" W	21.36	115	2,103,683.913	277,909.767
115	116		S 62°22'43.71" W	36.37	116	2,103,676.090	277,873.722
116	117		N 79°21'36.93" W	19.45	117	2,103,682.881	277,854.607
117	120		N 59°36'25.60" W	24.15	120	2,103,694.899	277,833.776
120	121		N 64°17'57.33" W	19.09	121	2,103,703.179	277,816.572
121	122		S 65°11'32.60" W	4.65	122	2,103,702.789	277,811.935
122	123		S 45°34'26.93" W	5.36	123	2,103,699.035	277,808.105
123	124		S 25°43'15.71" W	20.89	124	2,103,680.217	277,799.040
124	125		S 47°52'19.45" W	20.31	125	2,103,666.595	277,783.979
125	128		S 53°22'29.09" W	19.95	128	2,103,654.691	277,767.965
128	129		S 88°09'07.98" W	25.80	129	2,103,653.859	277,742.179
LONGITUD = 1,984.04 m							

CUADRO DE CONSTRUCCION						
LADO EST		RUMBO	DISTANCIA	V	COORDENADAS	
LADO	PV				Y	X
129	131	S 23°13'58.92" W	25.34	131	2,103,653.859	277,742.179
131	132	S 60°56'43.43" W	17.47	132	2,103,630.576	277,732.184
132	133	S 67°33'53.22" W	10.69	133	2,103,610.010	277,716.911
133	134	S 67°20'27.35" W	41.82	134	2,103,601.899	277,686.435
134	137	S 85°49'39.84" W	26.00	137	2,103,600.007	277,642.499
137	138	N 71°36'22.84" W	35.54	138	2,103,611.222	277,606.773
138	139	N 70°46'16.79" W	45.20	139	2,103,626.108	277,566.095
139	140	N 65°45'25.31" W	28.83	140	2,103,637.946	277,539.807
140	141	N 66°59'45.26" W	78.99	141	2,103,668.814	277,487.101
141	142	N 73°52'58.05" W	22.52	142	2,103,675.067	277,445.463
142	143	S 86°41'02.70" W	33.44	143	2,103,673.132	277,412.078
143	144	S 78°29'39.66" W	39.66	144	2,103,663.870	277,373.515
LONGITUD = 405.51 m						



SIMBOLOGIA	
CADENAMIENTO (ESTACIÓN)	1+309.30
ELEVACIÓN DEL TERRENO	E=615.42
LÍNEA DE TRAZO	92
NÚMERO DE PUNTO VISADO	92
CURVA DE NIVEL	L=192.45
LONGITUD DEL TRAMO	
PUNTO PROPUESTO PARA TANQUE	
Notas: * TERRENO TIPO "C" 50 % y TIPO "B" 50% * DEL PUNTO NÚMERO 12 AL PUNTO 55 EL REVESTIMIENTO DE LA CALLE ES DE ASFALTO.	

OBRA : AGUA POTABLE

LOCALIDAD : CARACUARÓ

MUNICIPIO : CARACUARÓ

CLAVE: P-T

Nombre del Proyecto: Caracuaró Perfil Top.

PLANO : PERFIL TOPOGRAFICO 1

Acotaciones en: METROS

ESCALA: 1:1000

No. de planos: 1/1

COORDINADOR GENERAL

L.A.E. GERMAN TENA FERNÁNDEZ

SUBDIRECTOR TÉCNICO

JEFE DEL DEPARTAMENTO DE PROYECTOS HIDRÁULICOS

ING. DIMAS A. MEDINA DEL TORO

ING. ALFONSO D. VILICIAÑA TENA

PROYECTO :

LEVANTO : Top. V. Hugo Patiño Espinoza

DIBUJO : Arq. María Guadalupe Manríquez H.

FECHA: Febrero del 2020