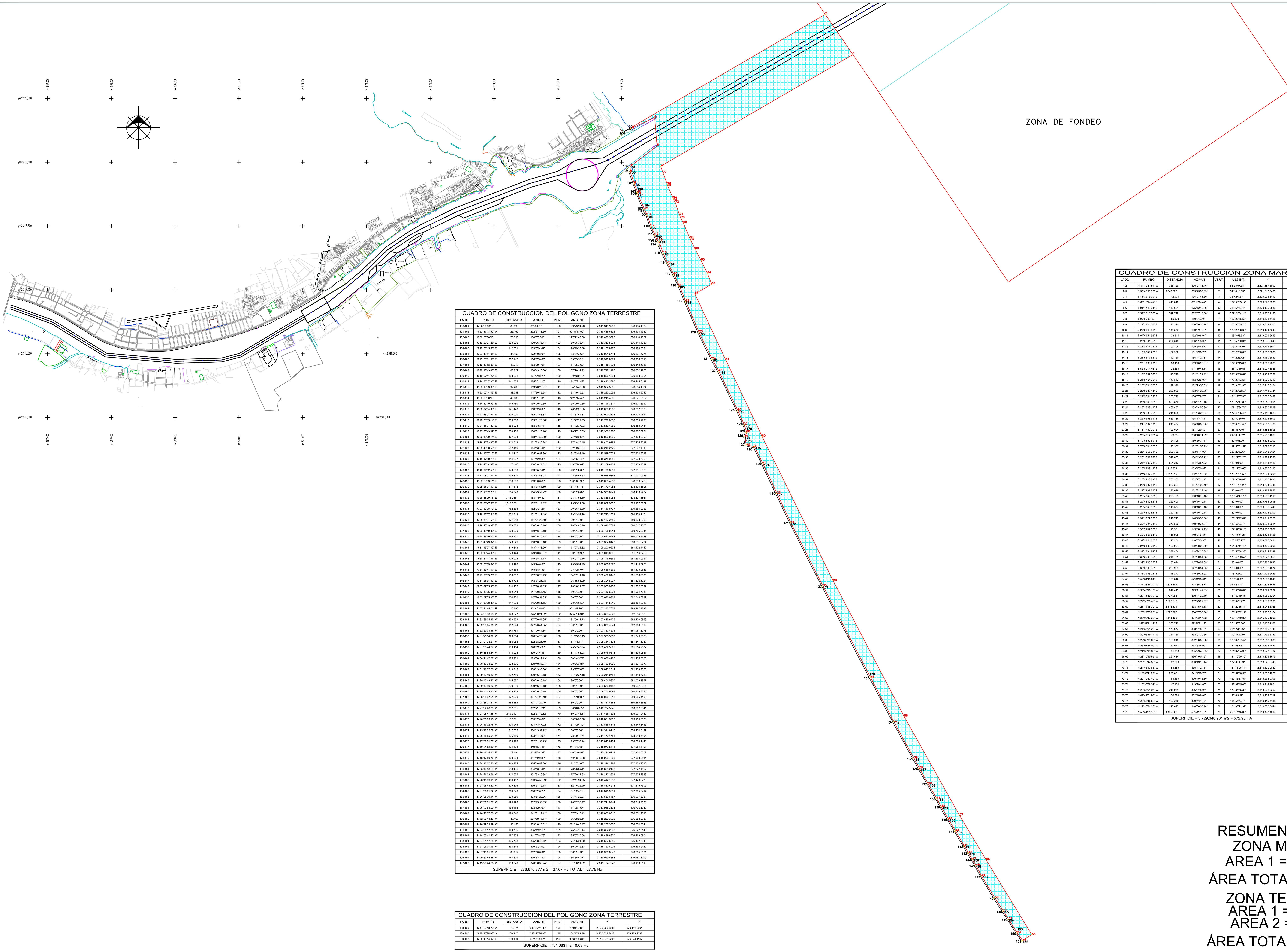


CUADRO DE CONSTRUCCION DEL POLIGONO ZONA TERRESTRE

LADO	RUMBO	DISTANCIA	AZIMUT	VERT.	ANG.INT.	Y	X
100-101	N 00°00'00" E	85.693	00°0'0.00"	100	199°23'24.26"	2,319,349.9200	676,134.4339
101-102	S 52°37'13.50" W	25.169	232°37'13.50"	101	52°37'13.50"	2,319,435.6126	676,134.4339
102-103	S 00°00'00" E	73.830	180°0'0.00"	102	127°22'46.50"	2,319,420.3327	676,114.4339
103-104	S 19°23'24.26" E	200.000	160°36'35.74"	103	160°36'35.74"	2,319,346.5031	676,114.4339
104-105	S 20°53'45.58" E	142.551	159°6'14.42"	104	178°29'38.68"	2,319,157.8470	676,180.8334
105-106	S 07°49'51.96" E	34.153	172°10'8.04"	105	193°3'53.63"	2,319,024.6714	676,231.6776
106-107	S 23°56'01.95" E	257.247	156°3'58.05"	106	163°53'50.01"	2,318,990.8371	676,236.3310
107-108	S 16°30'58.32" E	40.219	163°29'1.68"	107	187°25'3.62"	2,318,755.7093	676,340.6917
108-109	S 29°10'43.40" E	65.227	150°49'16.60"	108	167°20'14.92"	2,318,717.1495	676,352.1255
109-110	S 18°57'41.27" E	188.001	161°2'18.73"	109	190°13'2.13"	2,318,660.1994	676,383.9261
110-111	S 24°55'17.85" E	141.025	155°4'42.15"	110	174°2'23.42"	2,318,482.3997	676,445.0137
111-112	S 20°19'33.99" E	97.263	159°40'26.01"	111	184°35'43.86"	2,318,354.5065	676,504.4384
112-113	S 62°00'14.46" E	38.088	117°59'45.54"	112	138°19'19.53"	2,318,263.2995	676,538.2242
113-114	S 00°00'00" E	48.639	180°0'0.00"	113	242°0'14.46"	2,318,245.4206	676,571.8552
114-115	S 24°30'19.65" E	146.780	155°29'40.35"	114	155°29'40.35"	2,318,196.7817	676,571.8552
115-116	S 26°07'54.00" E	171.478	153°52'6.00"	115	178°22'25.65"	2,318,063.2235	676,632.7366
116-117	S 27°36'01.67" E	200.000	152°23'58.33"	116	178°31'52.33"	2,317,909.2736	676,708.2614
117-118	S 26°08'39.14" E	200.000	153°51'20.86"	117	181°27'22.53"	2,317,732.0336	676,800.9220
118-119	S 21°56'01.22" E	263.274	158°3'58.78"	118	184°12'37.93"	2,317,552.4960	676,889.0484
119-120	S 23°28'43.82" E	530.130	156°31'16.18"	119	178°27'17.39"	2,317,308.2783	676,987.3901
120-121	S 26°15'09.11" E	467.324	153°44'50.89"	120	177°13'34.71"	2,316,822.0395	677,198.5993
121-122	S 28°26'33.66" E	214.543	151°33'26.34"	121	177°48'35.45"	2,316,402.9189	677,405.3097
122-123	S 25°46'58.59" E	682.449	154°13'1.41"	122	182°39'35.07"	2,316,214.2729	677,507.4919
123-124	S 24°13'07.10" E	242.147	155°46'52.90"	123	181°33'51.49"	2,315,599.7629	677,804.3319
124-125	S 18°17'59.70" E	114.867	161°42'0.30"	124	185°55'7.40"	2,315,378.9282	677,903.6653
125-126	S 20°48'14.32" W	78.103	200°48'14.32"	125	219°6'14.02"	2,315,269.8701	677,939.7327
126-127	S 10°04'52.59" E	143.083	169°55'7.41"	126	149°6'53.09"	2,315,196.8589	677,911.9925
127-128	S 77°08'01.07" E	132.819	102°51'58.93"	127	112°56'51.52"	2,315,055.9846	677,937.0386
128-129	S 26°29'53.11" E	286.053	153°30'6.89"	128	230°38'7.96"	2,315,026.4088	678,066.5226
129-130	S 25°25'01.40" E	517.413	154°34'58.60"	129	181°4'51.71"	2,314,770.4055	678,194.1505
130-131	S 25°16'02.78" E	504.540	154°43'57.22"	130	180°8'58.62"	2,314,303.0741	678,416.2262
131-132	S 26°58'09.18" E	1,115.765	153°1'50.82"	131	178°17'53.60"	2,313,846.8058	678,631.5861
132-133	S 27°28'47.68" E	1,618.068	152°31'12.32"	132	179°29'21.50"	2,312,852.3798	679,137.5987
133-134	S 27°52'28.79" E	782.568	152°7'31.21"	133	179°36'18.89"	2,311,416.8737	679,884.2363
134-135	S 28°38'37.51" E	652.719	151°21'22.49"	134	179°13'51.28"	2,310,725.1051	680,250.1174
135-136	S 28°38'37.51" E	177.218	151°21'22.49"	135	180°0'0.00"	2,310,152.2680	680,563.0060
136-137	S 29°43'49.82" E	278.323	150°16'10.18"	136	178°54'47.70"	2,309,996.7381	680,647.9578
137-138	S 29°43'49.82" E	269.500	150°16'10.18"	137	180°0'0.00"	2,309,755.0514	680,785.9841
138-139	S 29°43'49.82" E	145.577	150°16'10.18"	138	180°0'0.00"	2,309,521.0264	680,919.6348
139-140	S 29°43'49.82" E	223.049	150°16'10.18"	139	180°0'0.00"	2,309,394.6123	680,991.8294
140-141	S 31°16'27.00" E	219.848	148°43'33.00"	140	178°27'22.82"	2,309,200.9234	681,102.4442
141-142	S 30°19'24.03" E	273.444	149°40'35.97"	141	180°57'2.96"	2,309,013.0205	681,216.5750
142-143	S 30°21'47.87" E	126.002	149°38'12.13"	142	179°57'36.16"	2,308,776.9865	681,354.6311
143-144	S 30°35'53.64" E	119.176	149°24'6.36"	143	179°45'54.23"	2,308,668.2676	681,418.3226
144-145	S 31°53'44.67" E	109.588	148°6'15.33"	144	178°42'8.97"	2,308,565.6862	681,478.9848
145-146	S 27°21'33.21" E	188.882	152°38'26.79"	145	184°32'11.46"	2,308,472.6446	681,536.8885
146-147	S 31°25'34.92" E	400.728	148°34'25.08"	146	175°55'58.29"	2,308,304.8907	681,623.6924
147-148	S 32°39'05.35" E	244.965	147°20'54.65"	147	178°46'29.57"	2,307,962.9453	681,832.6329
148-149	S 32°39'05.35" E	152.044	147°20'54.65"	148	180°0'0.00"	2,307,756.6928	681,964.7981
149-150	S 32°39'05.35" E	254.280	147°20'54.65"	149	180°0'0.00"	2,307,628.6769	682,046.8299
150-151	S 34°30'08.85" E	147.893	145°29'51.15"	150	178°8'56.50"	2,307,414.5812	682,184.0210
151-152	N 57°31'45.01" E	19.990	57°31'45.01"	151	92°1'53.86"	2,307,292.7025	682,267.7936
152-153	N 34°29'38.08" W	148.277	325°30'21.92"	152	87°58'36.91"	2,307,303.4348	682,284.6588
153-154	N 32°39'05.35" W	253.959	327°20'54.65"	153	181°50'32.73"	2,307,425.6425	682,200.6869
154-155	N 32°39'05.35" W	152.044	327°20'54.65"	154	180°0'0.00"	2,307,639.4674	682,063.6692
155-156	N 32°39'05.35" W	244.751	327°20'54.65"	155	180°0'0.00"	2,307,767.4833	681,981.6375
156-157	N 31°25'34.92" W	399.804	328°34'25.08"	156	181°13'30.43"	2,307,973.5558	681,849.5876
157-158	N 27°21'33.21" W	188.964	332°38'26.79"	157	184°4'1.71"	2,308,314.7128	681,641.1289
158-159	N 31°53'44.67" W	110.154	328°6'15.33"	158	175°27'48.54"	2,308,482.5395	681,554.2872
159-160	N 30°35'53.64" W	118.908	329°24'6.36"	159	181°17'51.03"	2,308,576.0614	681,496.0847
160-161	N 30°21'47.87" W	125.961	329°38'12.13"	160	180°14'5.77"	2,308,678.4126	681,435.5586
161-162	N 30°19'24.03" W	273.596	329°40'35.97"	161	180°2'23.84"	2,308,787.0962	681,371.8879
162-163	N 31°16'27.00" W	219.745	328°43'33.00"	162	179°2'57.03"	2,309,023.2614	681,233.7550
163-164	N 29°43'49.82" W	222.780	330°16'10.18"	163	181°32'37.18"	2,309,211.0758	681,119.6780
164-165	N 29°43'49.82" W	145.577	330°16'10.18"	164	180°0'0.00"	2,309,404.5307	681,009.1967
165-166	N 29°43'49.82" W	269.500	330°16'10.18"	165	180°0'0.00"	2,309,530.9448	680,937.0021
166-167	N 29°43'49.82" W	278.133	330°16'10.18"	166	180°0'0.00"	2,309,764.9698	680,803.3515
167-168	N 28°38'37.51" W	177.029	331°21'22.49"	167	181°5'12.30"	2,310,006.4918	680,665.4192
168-169	N 28°38'37.51" W	652.584	331°21'22.49"	168	180°0'0.00"	2,310,161.8553	680,580.5583
169-170	N 27°52'28.79" W	782.365	332°7'31.21"	169	180°46'8.72"	2,310,734.5745	680,267.7341
170-171	N 27°28'47.68" W	1,617.910	332°31'12.32"	170	180°23'41.11"	2,311,426.1636	679,901.9480
171-172	N 26°58'09.18" W	1,115.379	333°1'50.82"	171	180°30'38.50"	2,312,861.5295	679,155.3833
172-173	N 25°16'02.78" W	504.243	334°43'57.22"	172	181°42'6.40"	2,313,855.6113	678,649.5458
173-174	N 25°16'02.78" W	517.035	334°43'57.22"	173	180°0'0.00"	2,314,311.6110	678,434.3127
174-175	N 26°45'55.01" W	296.389	333°14'4.99"	174	178°30'7.77"	2,314,779.1788	678,213.6194
175-176	N 77°08'01.07" W	128.973	282°51'58.93"	175	129°37'53.94"	2,315,043.8124	678,080.1446
176-177	N 10°04'52.59" W	124.308	349°55'7.41"	176	247°3'8.48"	2,315,072.5318	677,954.4103
177-178	N 20°48'14.32" E	79.681	20°48'14.32"	177	210°53'6.91"	2,315,194.9202	677,932.6509
178-179	N 18°17'59.70" W	123.004	341°42'0.30"	178	140°53'45.98"	2,315,269.4063	677,960.9514
179-180	N 24°13'07.10" W	243.454	335°46'52.90"	179	174°4'52.60"	2,315,386.1896	677,922.3292
180-181	N 25°46'58.59" W	683.186	334°13'1.41"	180	178°26'8.51"	2,315,608.2163	677,822.4597
181-182	N 28°26'33.66" W	214.625	331°33'26.34"	181	177°20'24.93"	2,316,223.3903	677,525.2989
182-183	N 26°15'09.11" W	466.457	333°44'50.89"	182	182°11'24.55"	2,316,412.1083	677,423.0776
183-184	N 23°28'43.82" W	529.376	336°31'16.18"	183	182°46'25.29"	2,316,830.4518	677,216.7505
184-185	N 21°56'01.22" W	263.740	338°3'58.78"	184	181°32'42.61"	2,317,315.9991	677,005.8417
185-186	N 26°08'39.14" W	200.989	333°51'20.86"	185	175°47'22.07"	2,317,560.6487	676,907.3261
186-187	N 27°36'01.67" W	199.998	332°23'58.33"	186	178°32'37.47"	2,317,741.0744	676,818.7638
187-188	N 26°07'54.00" W	169.883	333°52'6.00"	187	181°28'7.67"	2,317,918.3124	676,726.1042
188-189	N 18°28'37.58" W	198.746	341°31'22.42"	188	187°39'16.42"	2,318,070.8310	676,651.2815
189-190	N 62°00'14.46" W	38.460	297°59'45.54"	189	136°28'23.11"	2,318,259.3322	676,588.2937
190-191	N 20°19'33.99" W	90.453	339°40'26.01"	190	221°40'40.47"	2,318,277.3856	676,554.3344
191-192	N 24°55'17.85" W	140.786	335°4'42.15"	191	175°24'16.14"	2,318,362.2063	676,522.9143
192-193	N 18°57'41.27" W	187.902	341°2'18.73"	192	185°57'36.58"	2,318,489.8830	676,463.5901
193-194	N 24°21'17.28" W	105.708	335°38'42.72"	193	174°36'24.00"	2,318,667.5889	676,402.5348
194-195	N 23°56'01.95" W	254.345	336°3'58.05"	194	180°25'15.33"	2,318,763.8901	676,358.9422
195-196	N 07°49'51.96" W	33.614	352°10'8.04"	195	196°6'9.99"	2,318,996.3649	676,255.7591
196-197	N 20°53'45.58" W	144.579	339°6'14.42"	196	166°56'6.37"	2,319,029.6653	676,251.1790
197-100	N 19°23'24.26" W	196.320	340°36'35.74"	197	181°30'21.32"	2,319,164.7349	676,199.6118

SUPERFICIE = 276,670.377 m2 = 27.67 Ha TOTAL = 27.75 Ha

CUADRO DE CONSTRUCCION DEL POLIGONO ZONA TERRESTRE

LADO	RUMBO	DISTANCIA	AZIMUT	VERT.	ANG.INT.	Y	X
198-199	N 44°32'18.70" W	12.974	315°27'41.30"	198	70°9'26.88"	2,320,026.3935	676,142.3391
199-200	S 59°45'35.09" W	126.317	239°45'35.09"	199	104°17'53.79"	2,320,035.6413	676,133.2389
200-198	N 65°18'14.42" E	130.130	65°18'14.42"	200	05°32'39.34"	2,319,972.0245	676,024.1107

SUPERFICIE = 794.063 m2 =0.08 Ha

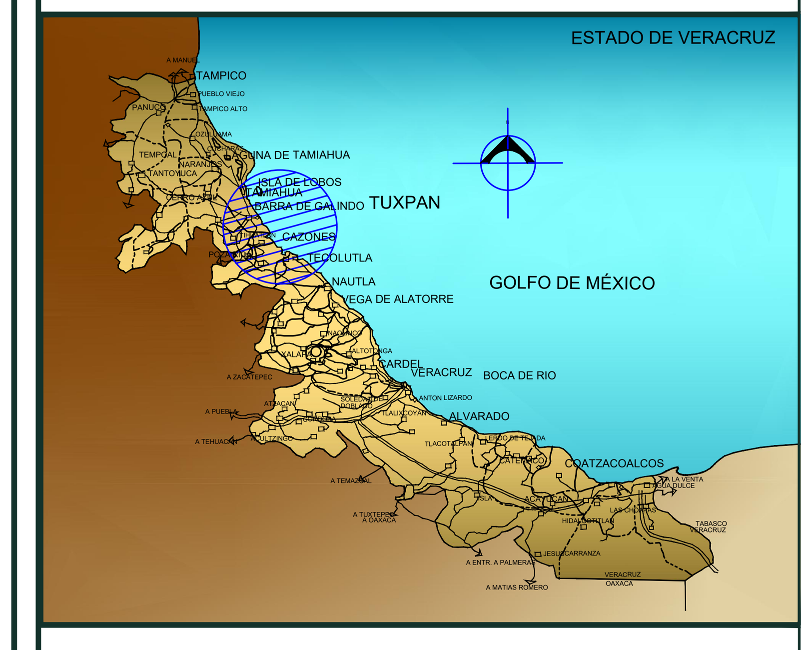
CUADRO DE CONSTRUCCION ZONA MARITIMA

LADO	RUMBO	DISTANCIA	AZIMUT	VERT.	ANG.INT.	Y	X
1-2	N 34°32'41.54" W	766.129	325°27'18.46"	1	85°35'57.34"	2,321,187.6992	679,626.4103
2-3	S 59°45'35.09" W	3,540.527	239°45'35.09"	2	94°18'16.63"	2,321,818.7466	679,191.9754
3-4	S 44°32'18.70" E	12.974	135°27'41.30"	3	75°42'6.21"	2,320,035.6413	676,133.2389
4-5	N 65°18'14.42" E	413.819	65°18'14.42"	4	109°50'33.12"	2,320,026.3935	676,142.3391
5-6	S 04°47'40.64" E	443.621	175°12'19.36"	5	289°54'4.94"	2,320,199.2886	676,518.3093
6-7	S 52°37'13.50" W	529.749	232°37'13.50"	6	237°24'54.14"	2,319,757.2195	676,555.3891
7-8	S 00°00'00" E	85.693	180°0'0.00"	7	127°22'46.50"	2,319,435.6126	676,134.4339
8-9	S 19°23'24.26" E	196.320	160°36'35.74"	8	160°36'35.74"	2,319,349.9200	676,134.4339
9-10	S 20°53'45.58" E	144.579	159°6'14.42"	9	178°29'38.68"	2,319,164.7349	676,199.6118
10-11	S 07°49'51.96" E	33.614	172°10'8.04"	10	193°3'53.63"	2,319,029.6653	676,251.1790
11-12	S 23°56'01.95" E	254.345	156°3'58.05"	11	163°53'50.01"	2,318,996.3649	676,255.7591
12-13	S 24°21'17.28" E	105.708	155°38'42.72"	12	179°34'44.67"	2,318,763.8901	676,358.9422
13-14	S 18°57'41.27" E	187.902	161°2'18.73"	13	185°23'36.00"	2,318,667.5889	676,402.5348
14-15	S 24°55'17.85" E	140.786	155°4'42.15"	14	174°2'23.42"	2,318,489.8830	676,463.5901
15-16	S 20°19'33.99" E	90.453	159°40'26.01"	15	184°35'43.86"	2,318,362.2063	676,522.9143
16-17	S 62°00'14.46" E	38.460	117°59'45.54"	16	138°19'19.53"	2,318,277.3856	676,554.3344
17-18	S 18°28'37.58" E	198.746	161°31'22.42"	17	223°31'36.89"	2,318,259.3322	676,588.2937
18-19	S 26°07'54.00" E	169.883	153°52'6.00"	18	172°20'43.58"	2,318,070.8310	676,651.2815
19-20	S 27°36'01.67" E	199.998	152°23'58.33"	19	178°31'52.33"	2,317,918.3124	676,726.1042
20-21	S 26°08'39.14" E	200.989	153°51'20.86"	20	181°27'22.53"	2,317,741.0744	676,818.7638
21-22	S 21°56'01.22" E	263.740	158°3'58.78"	21	184°12'37.93"	2,317,560.6487	676,907.3261
22-23	S 23°28'43.82" E	529.376	156°31'16.18"	22	178°27'17.39"	2,317,315.9991	677,005.8417
23-24	S 26°15'09.11" E	466.457	153°44'50.89"	23	177°13'34.71"	2,316,830.4518	677,216.7505
24-25	S 28°26'33.66" E	214.625	151°33'26.34"	24	177°48'35.45"	2,316,412.1083	677,423.0776
25-26	S 25°46'58.59" E	683.186	154°13'1.41"	25	182°39'35.07"	2,316,223.3903	677,525.2989
26-27	S 24°13'07.10" E	243.454	155°46'52.90"	26	181°33'51.49"	2,315,608.2163	677,822.4597
27-28	S 18°17'59.70" E	123.004	161°42'0.30"	27	185°55'7.40"	2,315,386.1896	677,922.3292
28-29	S 20°48'14.32" W	79.681	200°48'14.32"	28	219°6'14.02"	2,315,269.4063	677,960.9514
29-30	S 10°04'52.59" E	124.308	169°55'7.41"	29	149°6'53.09"	2,315,194.9202	677,932.6509
30-31	S 77°08'01.07" E	128.973	102°51'58.93"	30	112°56'51.52"	2,315,072.5318	677,954.4103
31-32	S 26°45'55.01" E	296.389	153°14'4.99"	31	230°22'6.06"	2,315,043.8124	678,080.1446
32-33	S 25°16'02.78" E	517.035	154°43'57.22"	32	181°29'52.23"	2,314,779.1788	678,213.6194
33-34	S 25°16'02.78" E	504.243	154°43'57.22"	33	180°0'0.00"	2,314,311.6110	678,434.3127
34-35	S 26°58'09.18" E	1,115.379	153°1'50.82"	34	178°17'53.60"	2,313,855.6113	678,649.5458
35-36	S 27°28'47.68" E	1,617.910	152°31'12.32"	35	179°29'21.50"	2,312,861.5295	679,155.3833
36-37	S 27°52'28.79" E	782.365	152°7'31.21"	36	179°36'18.89"	2,311,426.1636	679,901.9480
37-38	S 28°38'37.51" E	652.584	151°21'22.49"	37	179°13'51.28"	2,310,734.5745	680,267.7341
38-39	S 28°38'37.51" E	177.029	151°21'22.49"	38	180°0'0.00"	2,310,161.8553	680,580.5583
39-40	S 29°43'49.82" E	278.133	150°16'10.18"	39	178°54'47.70"	2,310,006.4918	680,665.4192
40-41	S 29°43'49.82" E	269.500	150°16'10.18"	40	180°0'0.00"	2,309,764.9698	680,803.3515
41-42	S 29°43'49.82" E	145.577	150°16'10.18"	41	180°0'0.00"	2,309,530.9448	680,937.0021
42-43	S 29°43'49.82" E	222.780	150°16'10.18"	42	180°0'0.00"	2,309,404.5307	681,009.1967
43-44	S 31°16'27.00" E	219.745	148°43'33.00"	43	178°27'22.82"	2,309,211.0758	681,119.6780
44-45	S 30°19'24.03" E	273.596	149°40'35.97"	44	180°57'2.97"	2,309,023.2614	681,233.7550
45-46	S 30°21'47.87" E	125.961	149°38'12.13"	45	179°57'36.16"	2,308,787.0962	681,371.8879
46-47	S 30°35'53.64" E	118.908	149°24'6.36"	46	179°45'54.23"	2,308,678.4126	681,435.5586
47-48	S 31°53'44.67" E	110.154	148°6'15.33"	47	178°42'8.97"	2,308,576.0614	681,496.0847
48-49	S 27°21'33.21" E	188.964	152°38'26.79"	48	184°32'11.46"	2,308,482.5395	681,554.2872
49-50	S 31°25'34.92" E	399.804	148°34'25.08"	49	175°55'58.29"	2,308,314.7128	681,641.1289
50-51	S 32°39'05.35" E	244.751	147°20'54.65"	50	178°46'29.57"	2,307,973.5558	681,849.5876
51-52	S 32°39'05.35" E	152.044	147°20'54.65"	51	180°0'0.00"	2,307,767.4833	681,981.6375
52-53	S 32°39'05.35" E	253.959	147°20'54.65"	52	180°0'0.00"	2,307,639.4674	682,063.6692
53-54	S 34°29'38.08" E	148.277	145°30'21.92"	53	178°9'27.27"	2,307,425.6425	682,200.6869
54-55	N 57°31'45.01" E	170.842	57°31'45.01"	54	92°1'23.09"	2,307,303.4348	682,284.6588
55-56	N 31°23'36.22" W	1,378.192	328°36'23.78"	55	91°4'38.77"	2,307,395.1546	682,428.7919
56-57	N 30°48'10.15" W	812.443	329°11'49.85"	56	180°35'26.07"	2,308,571.5939	681,710.8764
57-58	N 29°15'30.70" W	1,777.085	330°44'29.30"	57	181°32'39.45"	2,309,269.4294	681,294.8364
58-59	N 27°36'30.43" W	2,397.012	332°23'29.57"	58	181°39'0.27"	2,310,819.7995	680,426.2843
59-60	N 26°14'15.32" W	2,515.631	333°45'44.68"	59	181°22'15.11"	2,312,943.8766	679,315.4445
60-61	N 25°22'23.20" W	1,327.906	334°37'36.80"	60	180°51'52.12"	2,315,200.3184	678,203.2981
61-62	N 25°06'42.38" W	1,144.128	334°53'17.62"	61	180°15'40.82"	2,316,400.1298	677,634.2756
62-63	N 59°51'21.12" E	305.725	59°51'21.12"	62	264°58'3.50"	2,317,436.1166	677,148.7244
63-64	N 21°56'01.22" W	179.673	338°3'58.78"	63	98°12'37.66"	2,317,589.6448	677,413.1050
64-65	N 26°08'39.14" W	224.735	333°51'20.86"	64	175°47'22.07"	2,317,756.3123	677,345.9913
65-66	N 27°36'01.67" W	199.945	332°23'58.33"	65	178°32'37.47"	2,317,958.0539	677,246.9660
66-67	N 26°07'54.00" W	157.972	333°52'6.00"	66	181°28'7.67"	2,318,135.2453	677,154.3307
67-68	N 24°30'19.65" W	31.098	335°29'40.35"	67	181°37'34.35"	2,318,277.0704	677,084.7541
68-69	N 23°10'59.55" W	261.634	336°49'0.45"	68	181°19'20.10"	2,318,305.3673	677,071.8552
69-70	N 26°10'44.56" W	82.603	333°49'15.44"	69	177°0'14.99"	2,318,545.8748	676,968.8570
70-71	N 24°55'17.85" W	54.559	335°4'42.15"	70	181°15'26.71"	2,318,620.0042	676,932.4145
71-72	N 18°57'41.27" W	206.671	341°2'18.73"	71	185°57'36.58"	2,318,669.4829	676,909.4245
72-73	N 29°10'43.40" W	54.450	330°49'16.60"	72	169°46'57.87"	2,318,864.9396	676,842.2704
73-74	N 16°30'58.32" W	17.154	343°29'1.68"	73	192°39'45.08"	2,318,912.4804	676,815.7239
74-75	N 23°56'01.95" W	218.931	336°3'58.05"	74	172°34'56.38"	2,318,928.9262	676,810.8474
75-76	N 07°49'51.96" W	20.680	352°10'8.04"	75	196°6'9.99"	2,319,129.0319	676,722.0312
76-77	N 20°53'45.58" W	193.235	339°6'14.42"	76	166°56'6.37"	2,319,149.5188	676,719.2135
77-78	N 19°23'24.26" W	113.897	340°36'35.74"	77	181°30'21.32"	2,319,330.0444	676,650.2919
78-1	N 59°51'21.12" E	3,485.262	59°51'21.12"	78	259°14'45.38"	2,319,437.4810	676,612.4784

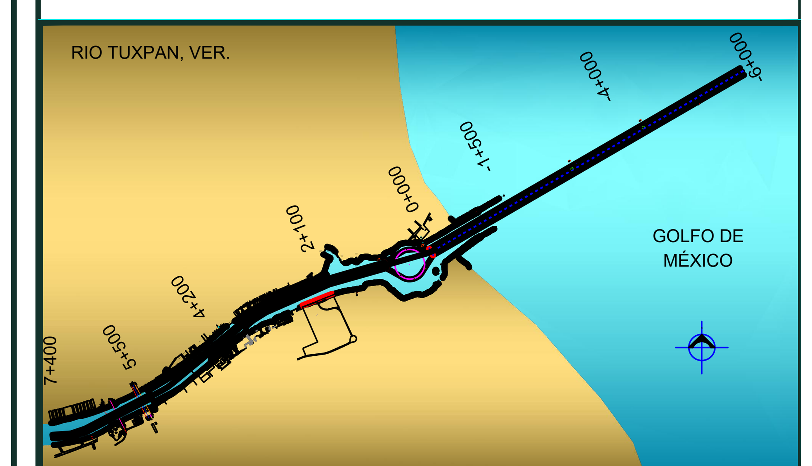
SUPERFICIE = 5,729,348.961 m2 = 572.93 HA

RESUMEN DE ÁREAS:
ZONA MARITIMA:
AREA 1 = 572.93 Ha.
ÁREA TOTAL = 572.93 Ha.
ZONA TERRESTRE:
AREA 1 = 27.75 Ha.
AREA 2 = 0.08 Ha.
ÁREA TOTAL = 27.83 Ha.

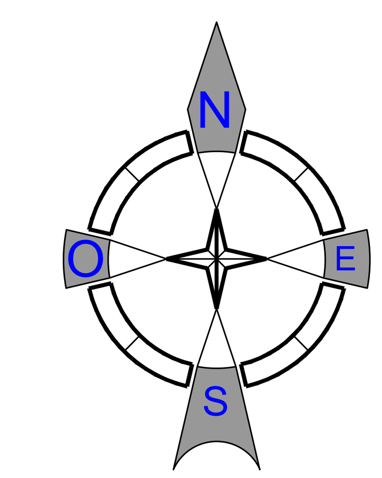
LOCALIZACION NACIONAL



LOCALIZACION ESTATAL



LOCALIZACION PARTICULAR



ORIENTACIÓN

BOYAS
BOYA-A RECALADA
SONDEO DE 0.00 A 9.99
SONDEO DE 10.00 A 11.99
SONDEO DE 12.00 A 14.99
SONDEO DE 15.00 EN ADELANTE
BALIZA DE ENFILACIÓN ANTERIOR
BALIZA DE ENFILACIÓN POSTERIOR
FARO ACTUAL
FARO ANTIGUO
MOJONERA
BITA
BANCO DE NIVEL

SIMBOLOGÍA

RUBRO: LEVANTAMIENTO BATIMETRICO PARA EL SEGUIMIENTO DEL COMPORTAMIENTO DE LOS AZOLVES EN CANALES DE NAVEGACION Y FLOTACION DEL PUERTO DE TUXPAN, VERACRUZ.

PLANO:
"PLANO DE LOCALIZACIÓN DE LAS DIFERENTES ÁREAS A LEVANTAR " LEVANTAMIENTO TOPOBATIMETRICO

FECHA : MARZO 2022
ESCALA : S/N
ACOTACION : METROS
No. DE PLANO: ASIPONATUX-ECRT-PCMH-PT-H04

MARINA
SECRETERÍA DE MARINA
PUERTOS Y MARINA MERCANTE
COORDINACIÓN GENERAL

ADMINISTRACIÓN DEL SISTEMA PORTUARIO NACIONAL TUXPAN, S.A. DE C.V.

APROBÓ:
C.RAYMUNDO ALOR ALOR
GERENTE DE OPERACIONES E INGENIERÍA

VERIFICO:
ING. IVAN I. MIRAFUENTES RAMON
SUBGERENTE DE INGENIERIA Y ECOLOGIA.

REVISÓ:
ING.DIEGO ALBERTO RUIZ LUNA
JEFE DEL DEPARTAMENTO DE PROYECTOS Y CONSTRUCCION

PROYECTO:
ING.IVAN ZARATE ZUBIRIA.
COORDINADOR DE SERVICIOS MARITIMOS.

PLANO:
"PLANO DE LOCALIZACIÓN DE LAS DIFERENTES ÁREAS A LEVANTAR " LEVANTAMIENTO TOPOBATIMETRICO