

## SECRETARIA DE MARINA

### **ACUERDO para la rectificación de coordenadas de delimitación y determinación del Recinto Portuario del Puerto de Tuxpan, Veracruz.**

JOSÉ RAFAEL OJEDA DURÁN, Secretario de Marina y MARÍA LUISA ALBORES GONZÁLEZ, Secretaria de Medio Ambiente y Recursos Naturales, con fundamento en los artículos 27, párrafos quinto y sexto, 28, párrafo undécimo y 42, fracción V de la Constitución Política de los Estados Unidos Mexicanos; 2o, fracción I, 3o, fracciones IV, incisos a), b), V, inciso a), V Bis, XII Bis, XIV Bis, XIV Ter y XXVII y 32 Bis, fracciones VIII, XXXIX y XLII de la Ley Orgánica de la Administración Pública Federal; 1o, 2o, fracciones I, II y III, 3o, 14, fracciones I y II, 16, fracciones I, V y XIV, 20, 36 y 38 de la Ley de Puertos; 1o, 3o, fracciones I y II, 4o, 6o, fracciones I, II, IV y IX, 7, fracciones III, IV, V, VI y VII, 9, 13, 15, 59, fracción III, 61, 119, fracción IV, tercer párrafo y 120 de la Ley General de Bienes Nacionales; 1, 2, fracción I, 3, inciso a), 4 y 7 de la Ley de Navegación y Comercio Marítimos; 1o, 3o, 4o, 6o, fracción I y 7o de la Ley Federal del Mar; 1o, 3o, 4o, 5o y 28 del Reglamento de la Ley de Puertos; 1o, 2o, fracción III, 5o, 6o, Apartado A, fracciones VIII y XIX y Apartado B, fracción VI, inciso e) del Reglamento Interior de la Secretaría de Marina; y 6, fracciones XXVII y XLII del Reglamento Interior de la Secretaría de Medio Ambiente y Recursos Naturales, y

#### CONSIDERANDO

Que mediante Acuerdo conjunto de las Secretarías de Comunicaciones y Transportes y de Desarrollo Social, publicado en el Diario Oficial de la Federación el 14 de octubre de 1994, se amplió la delimitación y determinación del Recinto Portuario del puerto de Tuxpan, Municipio de Tuxpan de Rodríguez Cano, en el Estado de Veracruz, con una superficie total de 312-79-09 hectáreas, de las cuales, 57-01-69 hectáreas corresponden a terrenos de dominio público de la Federación y 255-77-40 hectáreas a áreas de agua operacional;

Que mediante acuerdo conjunto de las Secretarías de Comunicaciones y Transportes y de Medio Ambiente y Recursos Naturales, publicado en el Diario Oficial de la Federación el 21 de abril de 2004, se modificó la delimitación y determinación del Recinto Portuario del puerto de Tuxpan, Municipio de Tuxpan de Rodríguez Cano, Estado de Veracruz, para quedar con una superficie de 6,138-73-01 hectáreas, integrada por 58-64-34 hectáreas de terrenos de dominio público de la Federación y 6080-08-67 hectáreas de agua de mar territorial;

Que corresponde a la Secretaría de Marina administrar los puertos centralizados y coordinar los de la administración paraestatal, otorgar concesiones y permisos para la ocupación de las zonas federales dentro de los recintos portuarios, de conformidad con el artículo 30, fracción XIV Ter de la Ley Orgánica de la Administración Pública Federal, con excepción de los concesionados bajo el régimen de Administración Portuaria Integral, en términos de los artículos 20 y 38 de la Ley de Puertos, así como 28 de su Reglamento;

Que corresponde a la Secretaría de Medio Ambiente y Recursos Naturales, con fundamento en lo dispuesto por el artículo 32 Bis, fracciones VIII y XLII de la Ley Orgánica de la Administración Pública Federal, llevar a cabo el despacho de los asuntos que expresamente le atribuyan las demás leyes y reglamentos específicos, contando con la facultad de ejercer la posesión y propiedad de la nación en las playas, zona federal marítimo terrestre y terrenos ganados al mar, por lo que está facultada expresamente para intervenir en todo lo relativo a la delimitación y determinación de los Recintos Portuarios;

Que el 7 de diciembre 2020, se publicó en el Diario Oficial de la Federación el Decreto por el que se reforman, adicionan y derogan diversas disposiciones de la Ley Orgánica de la Administración Pública Federal, de la Ley de Navegación y Comercio Marítimos y de la Ley de Puertos; mediante el cual se transfirieron atribuciones de la entonces Secretaría de Comunicaciones y Transportes a la Secretaría de Marina, en materia marítima y portuaria, entre otras;

Que en el artículo 30, fracciones V y XIV Ter de la Ley Orgánica de la Administración Pública Federal, se confirieron a la Secretaría de Marina, entre otras atribuciones, regular las comunicaciones y transportes por agua, así como formular y conducir las políticas y programas para su desarrollo, de acuerdo a las necesidades del país; adjudicar y otorgar contratos, concesiones y permisos para el establecimiento y explotación de servicios relacionados con las comunicaciones y transportes por agua, con embarcaciones o artefactos navales; administrar los puertos centralizados y coordinar los de la administración paraestatal, y otorgar concesiones y permisos para la ocupación de las zonas federales dentro de los recintos portuarios;

Que mediante Decreto Presidencial publicado en el Diario Oficial de la Federación el 21 de julio de 1997, por el que se determinan los puertos que tienen el carácter de habilitados, se estipuló, con el carácter de habilitado para el tráfico de altura, mixto, de cabotaje y pesca, el Puerto de Tuxpan, en el Estado de Veracruz;

Que se requiere rectificar el polígono que delimita y determina, el Recinto Portuario de Tuxpan, en el Estado de Veracruz, con el objeto de satisfacer las necesidades de la operación portuaria y el transporte marítimo, toda vez que es de interés público generar una comunicación por transporte marítimo; y

Que el titular de la Secretaría de Marina presentó la propuesta correspondiente a la titular de la Secretaría de Medio Ambiente y Recursos Naturales y acompañó los planos oficiales RPTUX-2023-01 (1 DE 2) "RECTIFICACIÓN DE COORDENADAS DEL RECINTO PORTUARIO DEL PUERTO DE TUXPAN, VER." Y RPTUX-2023-02 (2 DE 2) "RECTIFICACIÓN DE COORDENADAS DEL RECINTO PORTUARIO DEL PUERTO DE TUXPAN, VER." de noviembre 2023, que establece las superficies a que se refiere este instrumento, por lo que hemos tenido a bien expedir el siguiente:

#### ACUERDO

**PRIMERO.** Se rectifican las coordenadas topográficas de origen para quedar constituido con un Recinto Portuario de 64,385,050.3820 m<sup>2</sup> que se comprende de la siguiente manera:

#### Polígonos de agua

|  |                                      |
|--|--------------------------------------|
| Polígono 01 agua                         | 1,534,644.9441 m <sup>2</sup>        |
| Polígono 02 agua                         | 2,740,129.4771 m <sup>2</sup>        |
| Polígono 03 canal de navegación exterior | 1,597,379.3514 m <sup>2</sup>        |
| Polígono monoboyas y fondeo              | 57,883,127.5738 m <sup>2</sup>       |
| <b>Total</b>                             | <b>63,755,281.3464 m<sup>2</sup></b> |

#### Polígonos de tierra

|                    |                                   |
|--------------------|-----------------------------------|
| Polígono tierra 1  | 36667.4364 m <sup>2</sup>         |
| Polígono tierra 2  | 48,613.0347 m <sup>2</sup>        |
| Polígono tierra 3  | 4,952.7735 m <sup>2</sup>         |
| Polígono tierra 4  | 373,384.4665 m <sup>2</sup>       |
| Polígono tierra 5  | 3,558.6737 m <sup>2</sup>         |
| Polígono tierra 8  | 6,152.9940 m <sup>2</sup>         |
| Polígono tierra 9  | 27,292.8550 m <sup>2</sup>        |
| Polígono tierra 12 | 2,716.1977 m <sup>2</sup>         |
| Polígono tierra 13 | 2,568.4535 m <sup>2</sup>         |
| Polígono tierra 14 | 24,111.0420 m <sup>2</sup>        |
| Polígono tierra 15 | 38,240.0622 m <sup>2</sup>        |
| <b>Subtotal</b>    | <b>568,257.9892 m<sup>2</sup></b> |

#### Exclusiones de área del polígono de tierra 4 que pertenecen a la zona arqueológica de Tabuco, Municipio de Tuxpan, Veracruz.

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| Polígono tierra 4                 | 407,964.2566 m <sup>2</sup>       |
| Polígono zona arqueológica 01     | -30,835.8498 m <sup>2</sup>       |
| Polígono zona arqueológica 02     | -3,743.9403 m <sup>2</sup>        |
| <b>Total exclusión de área</b>    | <b>34,579.7901 m<sup>2</sup></b>  |
| Total final del polígono tierra 4 | <b>373,384.4665 m<sup>2</sup></b> |
| Gran total de polígonos de tierra | <b>568,257.9892 m<sup>2</sup></b> |

**Polígono de tierra ZFMT**

|                         |                       |
|-------------------------|-----------------------|
| Polígono tierra 6 ZFMT  | 23,642.8502 m2        |
| Polígono tierra 7 ZFMT  | 31,211.4575 m2        |
| Polígono tierra 10 ZFMT | 4,408.6604 m2         |
| Polígono tierra 11 ZFMT | 2,248.0783 m2         |
| <b>Total</b>            | <b>61,511.0464 m2</b> |

|   |                           |
|---|---------------------------|
| <b>Área total del Recinto Portuario</b> | <b>64,385,050.3820 m2</b> |
|---|---------------------------|

Desglosados en los cuadros de construcción de la siguiente manera:

**CUADRO DE CONSTRUCCIÓN POLÍGONO ENVOLVENTE DEL RECINTO PORTUARIO**

| LADO<br>EST | RUMBO            | DISTANCIA | V   | COORDENADAS    |              |
|-------------|------------------|-----------|-----|----------------|--------------|
|             |                  |           |     | Y              | X            |
| 168-169     | S 69°51'33.42" E | 93.0190   | 168 | 2,317,114.4100 | 666,347.3950 |
| 169-170     | S 72°35'21.43" E | 131.4420  | 169 | 2,317,082.3810 | 666,434.7260 |
| 170-171     | S 65°36'58.26" E | 177.8840  | 170 | 2,317,043.0510 | 666,560.1460 |
| 171-172     | S 63°43'00.27" E | 197.1370  | 171 | 2,316,969.6120 | 666,722.1630 |
| 172-173     | S 59°52'03.99" E | 234.6450  | 172 | 2,316,882.3180 | 666,898.9190 |
| 173-174     | S 57°45'03.02" E | 103.6900  | 173 | 2,316,764.5270 | 667,101.8560 |
| 174-175     | S 56°56'11.67" E | 354.5500  | 174 | 2,316,709.1980 | 667,189.5500 |
| 175-176     | S 63°25'46.32" E | 151.4200  | 175 | 2,316,515.7670 | 667,486.6870 |
| 176-177     | S 63°22'27.26" E | 175.9990  | 176 | 2,316,448.0370 | 667,622.1150 |
| 177-178     | S 65°55'10.59" E | 118.7150  | 177 | 2,316,369.1610 | 667,779.4500 |
| 178-179     | S 75°57'13.15" E | 99.0330   | 178 | 2,316,320.7230 | 667,887.8340 |
| 179-180     | N 39°33'30.33" E | 6.1740    | 179 | 2,316,296.6870 | 667,983.9060 |
| 180-60      | N 15°41'32.63" E | 14.4340   | 180 | 2,316,301.4470 | 667,987.8380 |
| 60-61       | S 77°54'58.53" E | 88.6400   | 60  | 2,316,315.3430 | 667,991.7420 |
| 61-62       | N 89°57'43.40" E | 34.7290   | 61  | 2,316,296.7870 | 668,078.4180 |
| 62-63       | N 76°16'33.37" E | 23.8150   | 62  | 2,316,296.8100 | 668,113.1470 |
| 63-64       | S 75°38'21.65" E | 16.8770   | 63  | 2,316,302.4600 | 668,136.2820 |
| 64-65       | S 44°30'22.29" E | 12.7990   | 64  | 2,316,298.2740 | 668,152.6320 |
| 65-66       | S 53°20'40.17" E | 14.2710   | 65  | 2,316,289.1460 | 668,161.6040 |
| 66-67       | S 70°04'53.80" E | 24.8090   | 66  | 2,316,280.6260 | 668,173.0530 |
| 67-68       | N 75°04'28.99" E | 16.7670   | 67  | 2,316,272.1740 | 668,196.3780 |
| 68-181      | S 05°12'56.89" W | 11.6010   | 68  | 2,316,276.4926 | 668,212.5796 |
| 181-182     | N 78°59'33.47" E | 77.0300   | 181 | 2,316,264.9400 | 668,211.5250 |
| 182-183     | N 13°09'42.97" W | 37.7450   | 182 | 2,316,279.6477 | 668,287.1375 |
| 183-184     | N 26°12'18.53" E | 7.8200    | 183 | 2,316,316.4012 | 668,278.5428 |
| 184-185     | N 70°57'39.68" E | 54.9310   | 184 | 2,316,323.4176 | 668,281.9961 |
| 185-186     | N 85°16'57.42" E | 112.8250  | 185 | 2,316,341.3368 | 668,333.9223 |
| 186-187     | S 05°38'57.82" E | 18.7870   | 186 | 2,316,350.6156 | 668,446.3652 |
| 187-188     | N 85°14'22.95" E | 14.9780   | 187 | 2,316,331.9195 | 668,448.2146 |
| 188-189     | N 03°15'38.90" W | 18.8130   | 188 | 2,316,333.1625 | 668,463.1406 |
| 189-190     | N 85°24'59.18" E | 42.5060   | 189 | 2,316,351.9455 | 668,462.0705 |
| 190-191     | S 38°05'28.88" E | 61.8130   | 190 | 2,316,355.3422 | 668,504.4405 |
| 191-192     | S 06°05'10.42" E | 47.5730   | 191 | 2,316,306.6933 | 668,542.5742 |
| 192-193     | S 54°10'36.19" E | 13.0420   | 192 | 2,316,259.3883 | 668,547.6182 |
| 193-194     | S 01°00'15.35" W | 19.2610   | 193 | 2,316,251.7549 | 668,558.1931 |
| 194-195     | N 87°08'22.69" E | 9.8700    | 194 | 2,316,232.4965 | 668,557.8555 |
| 195-196     | N 87°37'50.68" E | 8.1300    | 195 | 2,316,232.9891 | 668,567.7128 |
| 196-197     | S 88°20'04.71" E | 154.6010  | 196 | 2,316,233.3252 | 668,575.8362 |

|         |                  |          |     |                |              |
|---------|------------------|----------|-----|----------------|--------------|
| 197-198 | N 40°35'57.24" E | 36.3330  | 197 | 2,316,228.8322 | 668,730.3721 |
| 198-199 | S 84°45'23.35" E | 12.5780  | 198 | 2,316,256.4189 | 668,754.0161 |
| 199-200 | N 53°02'48.88" E | 16.8880  | 199 | 2,316,255.2694 | 668,766.5411 |
| 200-201 | N 56°02'47.91" E | 15.6120  | 200 | 2,316,265.4217 | 668,780.0366 |
| 201-202 | N 79°59'39.17" E | 12.0880  | 201 | 2,316,274.1411 | 668,792.9863 |
| 202-203 | N 68°02'32.43" E | 10.4710  | 202 | 2,316,276.2414 | 668,804.8907 |
| 203-204 | N 85°49'37.46" E | 16.9480  | 203 | 2,316,280.1566 | 668,814.6019 |
| 204-205 | S 80°06'40.89" E | 22.4790  | 204 | 2,316,281.3898 | 668,831.5046 |
| 205-206 | S 80°06'40.89" E | 66.2590  | 205 | 2,316,277.5295 | 668,853.6494 |
| 206-207 | S 80°06'40.89" E | 49.7000  | 206 | 2,316,266.1506 | 668,918.9238 |
| 207-208 | S 86°22'03.97" E | 19.8150  | 207 | 2,316,257.6154 | 668,967.8856 |
| 208-209 | N 88°39'43.68" E | 8.4460   | 208 | 2,316,256.3601 | 668,987.6605 |
| 209-210 | S 86°28'23.58" E | 73.4940  | 209 | 2,316,256.5573 | 668,996.1043 |
| 210-211 | S 08°23'47.38" E | 85.6460  | 210 | 2,316,252.0363 | 669,069.4591 |
| 211-212 | S 23°52'29.49" W | 2.4650   | 211 | 2,316,167.3082 | 669,081.9654 |
| 212-213 | S 08°13'54.90" E | 85.1630  | 212 | 2,316,165.0538 | 669,080.9676 |
| 213-214 | S 88°01'10.77" E | 10.2880  | 213 | 2,316,080.7685 | 669,093.1612 |
| 214-215 | S 79°10'15.86" E | 33.9710  | 214 | 2,316,080.4130 | 669,103.4429 |
| 215-216 | N 85°17'41.06" E | 13.2050  | 215 | 2,316,074.0307 | 669,136.8089 |
| 216-217 | N 08°25'41.31" W | 175.4400 | 216 | 2,316,075.1139 | 669,149.9698 |
| 217-218 | S 86°28'23.58" E | 51.5400  | 217 | 2,316,248.6591 | 669,124.2557 |
| 218-219 | S 85°20'50.21" E | 38.0750  | 218 | 2,316,245.4886 | 669,175.6982 |
| 219-220 | N 81°08'55.27" E | 9.8020   | 219 | 2,316,242.4001 | 669,213.6478 |
| 220-221 | S 87°54'00.65" E | 8.4710   | 220 | 2,316,243.9083 | 669,223.3328 |
| 221-222 | S 70°18'51.19" E | 22.6860  | 221 | 2,316,243.5979 | 669,231.7986 |
| 222-223 | S 87°41'49.73" E | 97.1020  | 222 | 2,316,235.9560 | 669,253.1583 |
| 223-224 | N 62°20'08.77" E | 14.7620  | 223 | 2,316,232.0543 | 669,350.1817 |
| 224-225 | N 86°54'54.56" E | 28.5310  | 224 | 2,316,238.9080 | 669,363.2559 |
| 225-226 | N 77°31'59.87" E | 30.3800  | 225 | 2,316,240.4434 | 669,391.7458 |
| 226-227 | N 88°32'15.74" E | 14.8280  | 226 | 2,316,247.0016 | 669,421.4095 |
| 227-228 | S 83°03'49.66" E | 16.0570  | 227 | 2,316,247.3800 | 669,436.2328 |
| 228-229 | N 78°43'28.35" E | 24.6080  | 228 | 2,316,245.4409 | 669,452.1722 |
| 229-230 | N 67°07'45.74" E | 5.9460   | 229 | 2,316,250.2525 | 669,476.3057 |
| 230-231 | N 81°42'31.74" E | 25.0660  | 230 | 2,316,252.5634 | 669,481.7842 |
| 231-232 | N 84°45'15.15" E | 41.2050  | 231 | 2,316,256.1780 | 669,506.5881 |
| 232-233 | N 84°45'14.62" E | 32.8190  | 232 | 2,316,259.9453 | 669,547.6204 |
| 233-234 | N 80°39'00.87" E | 15.5900  | 233 | 2,316,262.9460 | 669,580.3022 |
| 234-235 | N 80°39'00.18" E | 21.2070  | 234 | 2,316,265.4787 | 669,595.6847 |
| 235-236 | N 83°16'08.40" E | 47.1640  | 235 | 2,316,268.9241 | 669,616.6101 |
| 236-237 | N 81°11'24.76" E | 49.4110  | 236 | 2,316,274.4521 | 669,663.4490 |
| 237-238 | N 74°56'30.42" E | 103.0680 | 237 | 2,316,282.0196 | 669,712.2769 |
| 238-239 | N 76°07'19.94" E | 124.3880 | 238 | 2,316,308.7966 | 669,811.8054 |
| 239-240 | N 70°32'46.52" E | 56.6600  | 239 | 2,316,338.6313 | 669,932.5625 |
| 240-241 | S 84°05'53.89" E | 10.3910  | 240 | 2,316,357.5017 | 669,985.9879 |
| 241-242 | N 67°33'26.75" E | 31.3670  | 241 | 2,316,356.4333 | 669,996.3236 |
| 242-243 | N 66°25'54.32" E | 56.8860  | 242 | 2,316,368.4079 | 670,025.3150 |
| 243-244 | N 20°49'18.73" W | 12.2230  | 243 | 2,316,391.1531 | 670,077.4555 |
| 244-245 | N 63°05'55.10" E | 99.8930  | 244 | 2,316,402.5778 | 670,073.1107 |
| 245-246 | N 68°02'37.43" E | 21.1610  | 245 | 2,316,447.7750 | 670,162.1940 |
| 246-247 | N 78°25'06.23" E | 11.5790  | 246 | 2,316,455.6870 | 670,181.8200 |
| 247-248 | N 64°59'55.41" E | 110.4660 | 247 | 2,316,458.0116 | 670,193.1633 |
| 248-249 | N 41°24'09.03" E | 2.4490   | 248 | 2,316,504.6988 | 670,293.2784 |
| 249-250 | S 89°22'35.87" E | 5.8830   | 249 | 2,316,506.5356 | 670,294.8979 |
| 250-251 | N 23°40'31.41" E | 2.4880   | 250 | 2,316,506.4716 | 670,300.7801 |

|         |                  |          |     |                |              |
|---------|------------------|----------|-----|----------------|--------------|
| 251-252 | N 69°26'32.75" E | 28.1740  | 251 | 2,316,508.7505 | 670,301.7793 |
| 252-253 | N 50°38'51.49" E | 36.6970  | 252 | 2,316,518.6438 | 670,328.1593 |
| 253-254 | N 50°50'11.44" E | 19.4300  | 253 | 2,316,541.9132 | 670,356.5360 |
| 254-255 | N 62°26'24.71" E | 85.8710  | 254 | 2,316,554.1841 | 670,371.6012 |
| 255-256 | N 56°33'52.67" E | 16.8830  | 255 | 2,316,593.9143 | 670,447.7281 |
| 256-257 | N 83°16'10.49" E | 21.2720  | 256 | 2,316,603.2169 | 670,461.8173 |
| 257-258 | N 63°08'23.44" E | 44.4390  | 257 | 2,316,605.7099 | 670,482.9424 |
| 258-259 | N 52°44'24.07" E | 33.4220  | 258 | 2,316,625.7881 | 670,522.5870 |
| 259-260 | S 22°05'03.16" E | 5.7710   | 259 | 2,316,646.0226 | 670,549.1871 |
| 260-261 | N 64°33'26.86" E | 4.9610   | 260 | 2,316,640.6748 | 670,551.3569 |
| 261-262 | N 19°24'44.89" W | 13.8180  | 261 | 2,316,642.8059 | 670,555.8364 |
| 262-263 | N 57°40'03.86" E | 27.7400  | 262 | 2,316,655.8384 | 670,551.2438 |
| 263-264 | N 64°58'18.36" E | 135.4180 | 263 | 2,316,670.6744 | 670,574.6828 |
| 264-265 | N 60°58'24.64" E | 12.7480  | 264 | 2,316,727.9651 | 670,697.3852 |
| 265-266 | N 66°48'00.56" E | 31.1840  | 265 | 2,316,734.1505 | 670,708.5318 |
| 266-267 | N 64°33'28.90" E | 80.6070  | 266 | 2,316,746.4353 | 670,737.1946 |
| 267-268 | N 65°40'19.75" E | 43.3440  | 267 | 2,316,781.0639 | 670,809.9846 |
| 268-269 | N 71°43'14.91" E | 11.5050  | 268 | 2,316,798.9196 | 670,849.4794 |
| 269-270 | N 57°11'41.30" E | 20.3070  | 269 | 2,316,802.5280 | 670,860.4035 |
| 270-271 | N 58°49'02.08" E | 31.8350  | 270 | 2,316,813.5300 | 670,877.4718 |
| 271-272 | N 71°28'13.61" E | 65.1350  | 271 | 2,316,830.0130 | 670,904.7070 |
| 272-273 | N 82°45'37.79" E | 45.6280  | 272 | 2,316,850.7126 | 670,966.4658 |
| 273-274 | N 81°35'57.42" E | 39.3570  | 273 | 2,316,856.4625 | 671,011.7299 |
| 274-149 | N 68°26'44.50" E | 29.2060  | 274 | 2,316,862.2124 | 671,050.6648 |
| 149-150 | N 68°26'44.50" E | 9.3670   | 149 | 2,316,872.9423 | 671,077.8286 |
| 150-G   | S 15°23'11.97" E | 8.1490   | 150 | 2,316,876.3836 | 671,086.5407 |
| G-A     | N 57°56'09.01" E | 194.2150 | G   | 2,316,868.5270 | 671,088.7028 |
| A-B     | N 35°04'27.29" W | 28.5420  | A   | 2,316,971.6299 | 671,253.2915 |
| B-275   | N 57°31'39.65" E | 99.9470  | B   | 2,316,994.9889 | 671,236.8902 |
| 275-276 | N 54°35'08.97" E | 140.2820 | 275 | 2,317,048.6496 | 671,321.2105 |
| 276-277 | N 55°12'58.96" E | 160.7970 | 276 | 2,317,129.9408 | 671,435.5385 |
| 277-278 | N 52°10'03.61" E | 201.6170 | 277 | 2,317,221.6723 | 671,567.6032 |
| 278-279 | N 49°18'12.51" E | 121.0840 | 278 | 2,317,345.3346 | 671,726.8421 |
| 279-280 | S 30°53'37.54" E | 229.2290 | 279 | 2,317,424.2875 | 671,818.6446 |
| 280-281 | S 09°45'10.17" E | 19.4160  | 280 | 2,317,227.5817 | 671,936.3415 |
| 281-282 | S 86°43'10.54" E | 13.4810  | 281 | 2,317,208.4465 | 671,939.6305 |
| 282-283 | S 40°53'54.92" E | 6.2690   | 282 | 2,317,207.6751 | 671,953.0891 |
| 283-284 | S 72°37'52.43" E | 9.4120   | 283 | 2,317,202.9365 | 671,957.1936 |
| 284-285 | S 29°45'11.56" E | 57.0730  | 284 | 2,317,200.1269 | 671,966.1762 |
| 285-286 | S 67°18'55.92" E | 5.6970   | 285 | 2,317,150.5775 | 671,994.4997 |
| 286-287 | S 88°27'45.25" E | 5.5120   | 286 | 2,317,148.3805 | 671,999.7558 |
| 287-288 | N 65°44'40.99" E | 5.8160   | 287 | 2,317,148.2326 | 672,005.2663 |
| 288-289 | N 52°45'05.61" E | 13.8520  | 288 | 2,317,150.6217 | 672,010.5686 |
| 289-290 | N 46°15'30.70" E | 633.5880 | 289 | 2,317,159.0062 | 672,021.5954 |
| 290-291 | N 39°11'23.05" E | 3.2840   | 290 | 2,317,597.0721 | 672,479.3414 |
| 291-292 | N 07°11'37.46" E | 2.2650   | 291 | 2,317,599.6176 | 672,481.4167 |
| 292-293 | N 31°51'32.89" W | 4.7090   | 292 | 2,317,601.8645 | 672,481.7003 |
| 293-294 | N 43°17'38.84" W | 155.5320 | 293 | 2,317,605.8643 | 672,479.2146 |
| 294-295 | N 46°43'59.10" E | 61.9020  | 294 | 2,317,719.0670 | 672,372.5597 |
| 295-296 | N 47°15'33.18" E | 41.6330  | 295 | 2,317,761.4944 | 672,417.6347 |
| 296-297 | N 60°58'41.07" E | 51.0880  | 296 | 2,317,789.7502 | 672,448.2115 |
| 297-298 | N 61°37'02.81" E | 157.8340 | 297 | 2,317,814.5352 | 672,492.8845 |
| 298-299 | N 61°27'46.40" E | 164.6050 | 298 | 2,317,889.5628 | 672,631.7462 |
| 299-300 | N 28°20'36.80" W | 175.6500 | 299 | 2,317,968.1992 | 672,776.3530 |
| 300-301 | N 60°01'11.27" E | 188.9100 | 300 | 2,318,122.7920 | 672,692.9617 |

|         |                  |          |     |                |              |
|---------|------------------|----------|-----|----------------|--------------|
| 301-302 | N 65°22'58.57" E | 119.1710 | 301 | 2,318,217.1905 | 672,856.5952 |
| 302-303 | N 76°53'49.84" E | 61.8750  | 302 | 2,318,266.8314 | 672,964.9351 |
| 303-304 | S 19°04'13.54" E | 185.0650 | 303 | 2,318,280.8584 | 673,025.1993 |
| 304-305 | N 66°43'22.96" E | 92.3350  | 304 | 2,318,105.9498 | 673,085.6657 |
| 305-306 | N 09°24'12.65" W | 84.3700  | 305 | 2,318,142.4384 | 673,170.4851 |
| 306-307 | N 18°18'17.62" W | 95.9880  | 306 | 2,318,225.6750 | 673,156.7001 |
| 307-308 | N 14°00'48.17" W | 46.8100  | 307 | 2,318,316.8061 | 673,126.5528 |
| 308-309 | N 60°40'19.00" E | 47.2330  | 308 | 2,318,362.2231 | 673,115.2178 |
| 309-310 | N 63°56'00.23" E | 162.8020 | 309 | 2,318,385.3580 | 673,156.3965 |
| 310-311 | N 66°43'22.96" E | 299.4520 | 310 | 2,318,456.8956 | 673,302.6385 |
| 311-312 | N 81°59'13.26" E | 103.5490 | 311 | 2,318,575.2319 | 673,577.7169 |
| 312-313 | N 66°28'52.26" E | 54.8150  | 312 | 2,318,589.6663 | 673,680.2545 |
| 313-314 | N 71°23'16.95" E | 79.9080  | 313 | 2,318,611.5403 | 673,730.5162 |
| 314-315 | N 61°42'22.07" E | 98.9610  | 314 | 2,318,637.0435 | 673,806.2449 |
| 315-316 | N 59°31'31.84" E | 71.8090  | 315 | 2,318,683.9503 | 673,893.3828 |
| 316-317 | N 71°40'24.25" E | 82.2740  | 316 | 2,318,720.3684 | 673,955.2713 |
| 317-318 | N 67°17'04.34" E | 49.0240  | 317 | 2,318,746.2381 | 674,033.3724 |
| 318-319 | N 69°29'23.04" E | 24.7680  | 318 | 2,318,765.1690 | 674,078.5940 |
| 319-320 | N 69°29'23.04" E | 19.5010  | 319 | 2,318,773.8472 | 674,101.7924 |
| 320-321 | N 77°25'17.04" E | 39.4160  | 320 | 2,318,780.6800 | 674,120.0574 |
| 321-322 | N 65°02'52.69" E | 19.3290  | 321 | 2,318,789.2640 | 674,158.5275 |
| 322-323 | N 75°19'41.13" E | 98.7590  | 322 | 2,318,797.4180 | 674,176.0521 |
| 323-324 | N 79°09'30.77" E | 31.3300  | 323 | 2,318,822.4321 | 674,271.5910 |
| 324-325 | N 89°07'02.14" E | 175.6450 | 324 | 2,318,828.3250 | 674,302.3617 |
| 325-326 | N 78°38'18.99" E | 39.5890  | 325 | 2,318,831.0310 | 674,477.9855 |
| 326-327 | S 82°30'14.36" E | 38.8400  | 326 | 2,318,838.8300 | 674,516.7992 |
| 327-328 | N 55°01'47.50" E | 24.5400  | 327 | 2,318,833.7630 | 674,555.3076 |
| 328-329 | N 64°33'42.46" E | 22.6360  | 328 | 2,318,847.8280 | 674,575.4168 |
| 329-330 | N 47°03'19.86" E | 42.2770  | 329 | 2,318,857.5510 | 674,595.8582 |
| 330-331 | N 37°26'19.13" E | 52.1760  | 330 | 2,318,886.3540 | 674,626.8057 |
| 331-332 | N 51°46'24.86" E | 46.9400  | 331 | 2,318,927.7820 | 674,658.5241 |
| 332-333 | N 32°12'16.86" E | 34.1550  | 332 | 2,318,956.8270 | 674,695.3987 |
| 333-334 | N 56°15'28.76" E | 8.6880   | 333 | 2,318,985.7270 | 674,713.6013 |
| 334-335 | N 79°25'27.76" E | 14.6680  | 334 | 2,318,990.5530 | 674,720.8261 |
| 335-336 | N 89°54'50.71" E | 54.6860  | 335 | 2,318,993.2450 | 674,735.2446 |
| 336-337 | S 76°34'40.61" E | 100.8520 | 336 | 2,318,993.3270 | 674,789.9302 |
| 337-338 | S 58°25'19.76" E | 21.3510  | 337 | 2,318,969.9170 | 674,888.0276 |
| 338-339 | S 64°02'14.01" E | 74.6540  | 338 | 2,318,958.7365 | 674,906.2170 |
| 339-340 | S 53°52'28.83" E | 90.5790  | 339 | 2,318,926.0540 | 674,973.3367 |
| 340-341 | S 45°28'14.35" E | 114.0320 | 340 | 2,318,872.6530 | 675,046.4998 |
| 341-342 | S 53°18'15.59" E | 153.7410 | 341 | 2,318,792.6850 | 675,127.7925 |
| 342-343 | S 88°24'42.10" E | 63.7140  | 342 | 2,318,700.8150 | 675,251.0650 |
| 343-344 | N 37°11'19.58" E | 15.2510  | 343 | 2,318,699.0490 | 675,314.7545 |
| 344-345 | N 58°00'57.46" E | 28.3110  | 344 | 2,318,711.1990 | 675,323.9731 |
| 345-346 | N 70°02'45.54" E | 5.9570   | 345 | 2,318,726.1950 | 675,347.9866 |
| 346-347 | N 84°12'59.62" E | 41.0180  | 346 | 2,318,728.2280 | 675,353.5862 |
| 347-348 | N 70°20'42.77" E | 96.9690  | 347 | 2,318,732.3613 | 675,394.3951 |
| 348-349 | S 82°16'34.68" E | 71.4280  | 348 | 2,318,764.9771 | 675,485.7145 |
| 349-350 | N 82°41'45.37" E | 55.9370  | 349 | 2,318,755.3774 | 675,556.4949 |
| 350-351 | N 63°47'51.82" E | 92.3220  | 350 | 2,318,762.4890 | 675,611.9784 |
| 351-352 | N 72°02'58.79" E | 46.2560  | 351 | 2,318,803.2532 | 675,694.8139 |
| 352-353 | N 56°28'21.45" E | 37.4000  | 352 | 2,318,817.5091 | 675,738.8188 |
| 353-354 | N 45°28'26.41" E | 56.9680  | 353 | 2,318,838.1662 | 675,769.9959 |
| 354-355 | N 73°42'56.58" E | 53.8350  | 354 | 2,318,878.1142 | 675,810.6104 |
| 355-356 | N 13°14'25.67" E | 31.0080  | 355 | 2,318,893.2097 | 675,862.2856 |

|             |                  |           |       |                |              |
|-------------|------------------|-----------|-------|----------------|--------------|
| 356-357     | N 13°14'25.67" E | 33.3670   | 356   | 2,318,923.3930 | 675,869.3875 |
| 357-358     | N 13°14'25.67" E | 66.3790   | 357   | 2,318,955.8728 | 675,877.0298 |
| 358-359     | N 13°14'25.67" E | 43.5750   | 358   | 2,319,020.4872 | 675,892.2331 |
| 359-360     | N 13°01'24.43" E | 199.3910  | 359   | 2,319,062.9035 | 675,902.2134 |
| 360-361     | N 14°29'42.62" E | 34.4890   | 360   | 2,319,257.1656 | 675,947.1461 |
| 361-ZF362   | N 53°45'22.38" E | 86.7810   | 361   | 2,319,290.5567 | 675,955.7786 |
| ZF362-165   | N 53°45'22.38" E | 172.0400  | ZF362 | 2,319,341.8636 | 676,025.7684 |
| 165-166     | S 19°50'21.23" E | 20.0000   | 165   | 2,319,443.5772 | 676,164.5197 |
| 166-167     | N 53°13'06.01" E | 520.1940  | 166   | 2,319,424.7642 | 676,171.3074 |
| 167-155     | N 59°45'35.09" E | 3335.1930 | 167   | 2,319,736.2391 | 676,587.9424 |
| 155-156     | N 34°32'41.54" W | 489.0400  | 155   | 2,321,415.9326 | 679,469.2865 |
| 156-157     | S 59°45'35.09" W | 3438.3770 | 156   | 2,321,818.7466 | 679,191.9754 |
| 157-158     | S 42°58'53.55" E | 35.0620   | 157   | 2,320,087.0868 | 676,221.4884 |
| 158-ZF363   | S 57°45'34.73" W | 229.0370  | 158   | 2,320,061.4362 | 676,245.3924 |
| ZF363-ZF364 | N 40°03'36.94" W | 42.8200   | ZF363 | 2,319,939.2516 | 676,051.6692 |
| ZF364-ZF365 | S 60°21'02.85" W | 42.3100   | ZF364 | 2,319,972.0245 | 676,024.1107 |
| ZF365-ZF366 | S 36°36'58.13" E | 30.2430   | ZF365 | 2,319,951.0941 | 675,987.3401 |
| ZF366-ZF367 | S 58°58'38.46" W | 76.8140   | ZF366 | 2,319,926.8194 | 676,005.3787 |
| ZF367-ZF368 | S 29°50'19.79" E | 12.8600   | ZF367 | 2,319,887.2310 | 675,939.5515 |
| ZF368-ZF369 | S 60°49'39.40" W | 214.9870  | ZF368 | 2,319,876.0763 | 675,945.9499 |
| ZF369-370   | S 60°49'39.40" W | 95.3900   | ZF369 | 2,319,771.2834 | 675,758.2327 |
| 370-371     | S 60°18'23.69" W | 23.1450   | 370   | 2,319,724.7864 | 675,674.9419 |
| 371-372     | S 59°38'45.29" W | 16.8600   | 371   | 2,319,713.3212 | 675,654.8359 |
| 372-373     | S 35°13'34.37" W | 44.9670   | 372   | 2,319,704.8009 | 675,640.2867 |
| 373-374     | N 89°38'52.58" W | 41.7190   | 373   | 2,319,668.0682 | 675,614.3495 |
| 374-375     | S 75°55'46.35" W | 30.5150   | 374   | 2,319,668.3246 | 675,572.6310 |
| 375-376     | N 66°45'19.89" W | 24.4770   | 375   | 2,319,660.9058 | 675,543.0311 |
| 376-377     | S 85°00'35.61" W | 74.5070   | 376   | 2,319,670.5658 | 675,520.5409 |
| 377-378     | N 47°32'17.05" W | 17.9770   | 377   | 2,319,664.0849 | 675,446.3163 |
| 378-379     | N 87°55'09.32" W | 71.7620   | 378   | 2,319,676.2210 | 675,433.0544 |
| 379-380     | S 89°10'39.39" W | 50.5260   | 379   | 2,319,678.8265 | 675,361.3393 |
| 380-381     | S 84°16'49.71" W | 30.1290   | 380   | 2,319,678.1014 | 675,310.8187 |
| 381-382     | S 88°29'23.09" W | 18.7870   | 381   | 2,319,675.0987 | 675,280.8397 |
| 382-383     | S 65°19'08.69" W | 100.5570  | 382   | 2,319,674.6036 | 675,262.0592 |
| 383-384     | S 26°19'40.53" E | 14.0580   | 383   | 2,319,632.6146 | 675,170.6885 |
| 384-385     | S 66°12'26.42" W | 8.0670    | 384   | 2,319,620.0145 | 675,176.9235 |
| 385-386     | S 69°05'55.37" W | 14.1020   | 385   | 2,319,616.7600 | 675,169.5420 |
| 386-387     | S 68°15'33.60" W | 20.4940   | 386   | 2,319,611.7290 | 675,156.3680 |
| 387-388     | S 81°52'22.42" W | 8.1130    | 387   | 2,319,604.1380 | 675,137.3320 |
| 388-389     | S 49°00'52.48" W | 19.4630   | 388   | 2,319,602.9910 | 675,129.3000 |
| 389-390     | S 61°27'32.87" W | 51.9100   | 389   | 2,319,590.2260 | 675,114.6080 |
| 390-391     | S 82°37'09.71" W | 6.2280    | 390   | 2,319,565.4240 | 675,069.0060 |
| 391-392     | N 66°38'19.92" W | 10.0900   | 391   | 2,319,564.6240 | 675,062.8300 |
| 392-393     | S 74°31'07.90" W | 9.8490    | 392   | 2,319,568.6250 | 675,053.5670 |
| 393-394     | S 63°05'37.57" W | 16.6730   | 393   | 2,319,565.9960 | 675,044.0750 |
| 394-395     | S 40°53'49.01" W | 14.7350   | 394   | 2,319,558.4510 | 675,029.2070 |
| 395-396     | S 63°29'14.45" W | 51.8350   | 395   | 2,319,547.3130 | 675,019.5600 |
| 396-397     | S 56°03'29.43" W | 80.9830   | 396   | 2,319,524.1740 | 674,973.1760 |
| 397-398     | S 34°15'59.57" W | 27.7310   | 397   | 2,319,478.9570 | 674,905.9920 |
| 398-399     | S 87°59'45.67" W | 4.1470    | 398   | 2,319,456.0390 | 674,890.3780 |
| 399-400     | S 87°59'45.67" W | 4.1470    | 399   | 2,319,455.8940 | 674,886.2340 |
| 400-401     | S 75°48'12.93" W | 43.3290   | 400   | 2,319,455.7490 | 674,882.0900 |
| 401-402     | S 76°17'05.49" W | 5.4270    | 401   | 2,319,445.1227 | 674,840.0842 |
| 402-403     | N 86°48'55.58" W | 38.9720   | 402   | 2,319,443.8360 | 674,834.8120 |
| 403-404     | S 72°15'12.12" W | 36.6950   | 403   | 2,319,446.0010 | 674,795.9000 |

|             |                  |          |       |                |              |
|-------------|------------------|----------|-------|----------------|--------------|
| 404-405     | N 49°33'43.61" W | 9.1660   | 404   | 2,319,434.8160 | 674,760.9510 |
| 405-406     | N 75°13'42.60" W | 15.9710  | 405   | 2,319,440.7610 | 674,753.9750 |
| 406-407     | S 76°59'29.94" W | 14.6960  | 406   | 2,319,444.8330 | 674,738.5320 |
| 407-408     | S 85°04'09.37" W | 31.8970  | 407   | 2,319,441.5250 | 674,724.2130 |
| 408-409     | N 73°33'20.72" W | 45.5540  | 408   | 2,319,438.7834 | 674,692.4339 |
| 409-410     | S 75°01'35.41" W | 6.2270   | 409   | 2,319,451.6790 | 674,648.7430 |
| 410-411     | S 31°06'59.10" W | 3.6690   | 410   | 2,319,450.0700 | 674,642.7270 |
| 411-412     | N 76°04'42.51" W | 18.5330  | 411   | 2,319,446.9290 | 674,640.8310 |
| 412-413     | S 17°49'26.85" W | 12.2800  | 412   | 2,319,451.3880 | 674,622.8420 |
| 413-414     | N 74°08'11.75" W | 16.6050  | 413   | 2,319,439.6970 | 674,619.0830 |
| 414-415     | S 76°49'58.51" W | 20.8170  | 414   | 2,319,444.2360 | 674,603.1100 |
| 415-416     | S 80°12'39.42" W | 22.8620  | 415   | 2,319,439.4940 | 674,582.8400 |
| 416-417     | S 18°44'02.05" W | 8.7270   | 416   | 2,319,435.6070 | 674,560.3110 |
| 417-418     | S 74°59'14.32" W | 48.5460  | 417   | 2,319,427.3420 | 674,557.5080 |
| 418-419     | S 17°39'26.01" W | 22.3660  | 418   | 2,319,414.7670 | 674,510.6190 |
| 419-420     | S 31°17'47.46" W | 17.3930  | 419   | 2,319,393.4550 | 674,503.8350 |
| 420-421     | S 68°00'52.00" W | 6.4130   | 420   | 2,319,378.5930 | 674,494.8000 |
| 421-422     | N 65°42'59.41" W | 50.8890  | 421   | 2,319,376.1920 | 674,488.8530 |
| 422-423     | S 60°40'07.25" W | 20.0710  | 422   | 2,319,397.1200 | 674,442.4670 |
| 423-424     | N 87°23'30.26" W | 22.3700  | 423   | 2,319,387.2880 | 674,424.9690 |
| 424-425     | S 79°38'41.97" W | 33.7140  | 424   | 2,319,388.3060 | 674,402.6220 |
| 425-426     | S 61°30'36.22" W | 34.8300  | 425   | 2,319,382.2460 | 674,369.4570 |
| 426-427     | S 50°34'20.48" W | 25.0210  | 426   | 2,319,365.6320 | 674,338.8450 |
| 427-428     | S 88°48'27.74" W | 21.9630  | 427   | 2,319,349.7410 | 674,319.5180 |
| 428-429     | S 79°40'07.33" W | 19.7610  | 428   | 2,319,349.2840 | 674,297.5600 |
| 429-430     | N 62°23'00.56" W | 32.9740  | 429   | 2,319,345.7400 | 674,278.1190 |
| 430-431     | N 34°49'56.31" W | 12.8140  | 430   | 2,319,361.0250 | 674,248.9020 |
| 431-432     | N 16°15'03.24" W | 17.9810  | 431   | 2,319,371.5430 | 674,241.5830 |
| 432-433     | N 33°17'53.17" W | 13.5410  | 432   | 2,319,388.8060 | 674,236.5510 |
| 433-434     | N 45°54'15.43" W | 10.3500  | 433   | 2,319,400.1240 | 674,229.1170 |
| 434-435     | N 33°09'29.62" W | 90.4760  | 434   | 2,319,407.3260 | 674,221.6840 |
| 435-ZF436   | N 45°40'54.66" W | 20.6190  | 435   | 2,319,483.0690 | 674,172.1980 |
| ZF436-ZF437 | N 36°41'46.36" W | 21.2440  | ZF436 | 2,319,497.4740 | 674,157.4460 |
| ZF437-ZF438 | N 01°48'14.61" E | 14.0400  | ZF437 | 2,319,514.5080 | 674,144.7510 |
| ZF438-ZF439 | N 04°15'21.49" W | 45.8410  | ZF438 | 2,319,528.5410 | 674,145.1930 |
| ZF439-ZF440 | N 43°44'29.02" W | 17.2230  | ZF439 | 2,319,574.2560 | 674,141.7910 |
| ZF440-ZF441 | S 79°31'11.70" W | 23.8050  | ZF440 | 2,319,586.6990 | 674,129.8830 |
| ZF441-ZF442 | N 35°50'28.51" W | 8.6010   | ZF441 | 2,319,582.3690 | 674,106.4750 |
| ZF442-ZF443 | N 46°38'11.68" W | 26.0220  | ZF442 | 2,319,589.3410 | 674,101.4390 |
| ZF443-ZF444 | N 71°37'45.00" W | 68.9510  | ZF443 | 2,319,607.2080 | 674,082.5210 |
| ZF444-445   | S 28°35'06.72" W | 28.9630  | ZF444 | 2,319,628.9390 | 674,017.0840 |
| 445-446     | S 66°56'39.91" W | 10.5630  | 445   | 2,319,603.5060 | 674,003.2260 |
| 446-447     | S 27°20'57.72" W | 138.8720 | 446   | 2,319,599.3691 | 673,993.5063 |
| 447-ZF448   | S 27°20'57.72" W | 10.7670  | 447   | 2,319,476.0198 | 673,929.7063 |
| ZF448-ZF449 | S 31°19'50.55" W | 6.4430   | ZF448 | 2,319,466.4565 | 673,924.7599 |
| ZF449-ZF450 | S 56°56'16.41" E | 37.1200  | ZF449 | 2,319,460.9532 | 673,921.4098 |
| ZF450-ZF451 | S 53°13'24.18" E | 48.2880  | ZF450 | 2,319,440.7024 | 673,952.5193 |
| ZF451-ZF452 | S 52°42'34.84" E | 11.8020  | ZF451 | 2,319,411.7924 | 673,991.1971 |
| ZF452-ZF453 | S 47°57'29.68" E | 24.9460  | ZF452 | 2,319,404.6421 | 674,000.5865 |
| ZF453-454   | S 44°33'47.11" W | 44.3530  | ZF453 | 2,319,387.9363 | 674,019.1130 |
| 454-455     | S 42°20'06.58" W | 17.7010  | 454   | 2,319,356.3359 | 673,987.9909 |
| 455-456     | S 42°44'16.19" W | 18.8820  | 455   | 2,319,343.2513 | 673,976.0702 |
| 456-457     | S 35°23'55.55" W | 7.5660   | 456   | 2,319,329.3830 | 673,963.2559 |
| 457-458     | S 02°24'27.86" E | 5.8020   | 457   | 2,319,323.2158 | 673,958.8733 |
| 458-459     | S 26°10'30.45" W | 23.0180  | 458   | 2,319,317.4189 | 673,959.1170 |

|         |                  |          |     |                |              |
|---------|------------------|----------|-----|----------------|--------------|
| 459-460 | S 51°54'44.69" W | 7.9970   | 459 | 2,319,296.7617 | 673,948.9636 |
| 460-461 | S 13°21'28.72" W | 30.4630  | 460 | 2,319,291.8289 | 673,942.6697 |
| 461-462 | S 54°42'01.58" E | 8.8170   | 461 | 2,319,262.1904 | 673,935.6318 |
| 462-463 | S 16°28'58.66" W | 33.0050  | 462 | 2,319,257.0958 | 673,942.8273 |
| 463-464 | S 11°26'28.89" W | 29.4500  | 463 | 2,319,225.4470 | 673,933.4627 |
| 464-465 | S 46°11'21.99" E | 27.3790  | 464 | 2,319,196.5822 | 673,927.6209 |
| 465-466 | S 47°46'51.23" W | 54.0950  | 465 | 2,319,177.6281 | 673,947.3787 |
| 466-467 | S 49°23'45.71" W | 85.4680  | 466 | 2,319,141.2784 | 673,907.3174 |
| 467-468 | S 51°33'17.09" W | 45.1950  | 467 | 2,319,085.6534 | 673,842.4277 |
| 468-469 | N 41°11'47.43" W | 14.5380  | 468 | 2,319,057.5529 | 673,807.0312 |
| 469-470 | S 51°37'58.89" W | 15.4230  | 469 | 2,319,068.4920 | 673,797.4560 |
| 470-471 | S 80°21'37.66" W | 57.5480  | 470 | 2,319,058.9191 | 673,785.3637 |
| 471-472 | S 76°50'00.12" W | 39.6230  | 471 | 2,319,049.2827 | 673,728.6281 |
| 472-473 | S 67°43'45.85" W | 11.6570  | 472 | 2,319,040.2572 | 673,690.0466 |
| 473-474 | S 71°39'06.99" W | 21.5260  | 473 | 2,319,035.8395 | 673,679.2594 |
| 474-475 | S 70°38'55.23" W | 20.0860  | 474 | 2,319,029.0633 | 673,658.8275 |
| 475-476 | S 71°18'24.52" W | 47.5750  | 475 | 2,319,022.4077 | 673,639.8767 |
| 476-477 | S 63°39'25.92" W | 34.5220  | 476 | 2,319,007.1600 | 673,594.8114 |
| 477-478 | S 23°10'46.59" E | 9.9580   | 477 | 2,318,991.8414 | 673,563.8748 |
| 478-479 | S 66°16'55.34" W | 100.0000 | 478 | 2,318,982.6871 | 673,567.7944 |
| 479-480 | S 70°38'39.62" W | 50.0330  | 479 | 2,318,942.4637 | 673,476.2408 |
| 480-481 | S 66°52'39.54" W | 55.4020  | 480 | 2,318,925.8812 | 673,429.0357 |
| 481-482 | S 72°37'21.21" W | 18.2890  | 481 | 2,318,904.1251 | 673,378.0844 |
| 482-483 | S 70°23'12.06" W | 5.8240   | 482 | 2,318,898.6628 | 673,360.6300 |
| 483-484 | S 68°08'40.89" W | 27.6780  | 483 | 2,318,896.7080 | 673,355.1444 |
| 484-485 | S 63°04'31.26" W | 54.6710  | 484 | 2,318,886.4044 | 673,329.4554 |
| 485-486 | S 67°47'18.40" W | 16.0400  | 485 | 2,318,861.6483 | 673,280.7104 |
| 486-487 | S 67°46'29.71" W | 31.5250  | 486 | 2,318,855.5847 | 673,265.8605 |
| 487-488 | S 61°45'44.31" W | 30.5530  | 487 | 2,318,843.6606 | 673,236.6781 |
| 488-489 | S 63°35'19.50" W | 69.5870  | 488 | 2,318,829.2048 | 673,209.7607 |
| 489-490 | S 57°52'16.15" W | 41.2510  | 489 | 2,318,798.2517 | 673,147.4368 |
| 490-491 | S 64°25'58.13" W | 128.3060 | 490 | 2,318,776.3135 | 673,112.5033 |
| 491-492 | S 67°25'49.17" W | 25.0490  | 491 | 2,318,720.9405 | 672,996.7610 |
| 492-493 | S 59°46'45.26" W | 19.3840  | 492 | 2,318,711.3265 | 672,973.6303 |
| 493-494 | S 55°48'43.12" W | 26.4070  | 493 | 2,318,701.5700 | 672,956.8809 |
| 494-495 | S 63°03'54.60" W | 79.2560  | 494 | 2,318,686.7316 | 672,935.0371 |
| 495-496 | S 55°58'03.10" W | 160.7800 | 495 | 2,318,650.8305 | 672,864.3787 |
| 496-497 | S 66°33'47.00" W | 38.8770  | 496 | 2,318,560.8478 | 672,731.1367 |
| 497-498 | S 58°44'43.96" W | 122.4090 | 497 | 2,318,545.3850 | 672,695.4673 |
| 498-499 | S 60°29'01.50" W | 20.2550  | 498 | 2,318,481.8741 | 672,590.8230 |
| 499-500 | S 53°01'34.30" W | 44.2860  | 499 | 2,318,471.8951 | 672,573.1968 |
| 500-501 | S 50°32'04.18" W | 65.9310  | 500 | 2,318,445.2592 | 672,537.8162 |
| 501-502 | S 54°47'13.46" W | 226.0340 | 501 | 2,318,403.3525 | 672,486.9169 |
| 502-503 | S 54°06'31.44" W | 80.2520  | 502 | 2,318,273.0176 | 672,302.2439 |
| 503-504 | S 53°49'55.20" W | 43.8070  | 503 | 2,318,225.9701 | 672,237.2293 |
| 504-505 | S 38°56'40.26" W | 26.1390  | 504 | 2,318,200.1171 | 672,201.8644 |
| 505-506 | S 51°40'16.33" W | 34.7330  | 505 | 2,318,179.7872 | 672,185.4341 |
| 506-507 | S 50°08'18.74" W | 105.5000 | 506 | 2,318,158.2469 | 672,158.1875 |
| 507-508 | S 47°17'02.63" W | 25.2000  | 507 | 2,318,090.6288 | 672,077.2065 |
| 508-509 | S 50°10'19.11" W | 12.1990  | 508 | 2,318,073.5339 | 672,058.6913 |
| 509-510 | S 56°51'14.66" W | 19.5490  | 509 | 2,318,065.7203 | 672,049.3225 |
| 510-511 | S 46°54'48.10" W | 27.0240  | 510 | 2,318,055.0314 | 672,032.9544 |
| 511-512 | N 39°27'46.88" W | 145.2550 | 511 | 2,318,036.5715 | 672,013.2185 |
| 512-513 | S 47°36'16.26" W | 38.9010  | 512 | 2,318,148.7135 | 671,920.8972 |
| 513-514 | S 39°28'28.64" E | 152.8770 | 513 | 2,318,122.4850 | 671,892.1688 |

|                                       |                  |          |     |                |              |
|---------------------------------------|------------------|----------|-----|----------------|--------------|
| 514-515                               | S 39°28'28.64" E | 21.7580  | 514 | 2,318,004.4784 | 671,989.3582 |
| 515-516                               | S 46°54'46.30" W | 234.5120 | 515 | 2,317,987.6833 | 672,003.1905 |
| 516-517                               | N 42°19'58.25" W | 19.9430  | 516 | 2,317,827.4861 | 671,831.9230 |
| 517-518                               | N 42°19'57.97" W | 157.0670 | 517 | 2,317,842.2286 | 671,818.4929 |
| 518-519                               | S 47°16'20.71" W | 253.3600 | 518 | 2,317,958.3400 | 671,712.7182 |
| 519-1                                 | S 38°12'13.93" E | 149.0020 | 519 | 2,317,786.4316 | 671,526.6027 |
| 1-2                                   | S 56°13'24.24" W | 40.8540  | 1   | 2,317,669.3439 | 671,618.7544 |
| 2-3                                   | S 58°06'43.16" W | 55.9750  | 2   | 2,317,646.6308 | 671,584.7961 |
| 3-4                                   | S 52°14'12.45" W | 52.2690  | 3   | 2,317,617.0617 | 671,537.2691 |
| 4-5                                   | S 47°55'55.43" W | 68.7120  | 4   | 2,317,585.0524 | 671,495.9482 |
| 5-6                                   | S 81°30'07.09" W | 9.9670   | 5   | 2,317,539.0143 | 671,444.9395 |
| 6-7                                   | S 58°18'50.74" W | 88.8770  | 6   | 2,317,537.5415 | 671,435.0823 |
| 7-8                                   | S 71°21'21.68" W | 19.4800  | 7   | 2,317,490.8578 | 671,359.4533 |
| 8-9                                   | S 47°15'32.76" W | 24.5660  | 8   | 2,317,484.6304 | 671,340.9957 |
| 9-10                                  | S 39°45'30.78" W | 34.6360  | 9   | 2,317,467.9576 | 671,322.9535 |
| 10-11                                 | S 48°35'11.26" W | 62.2460  | 10  | 2,317,441.3310 | 671,300.8017 |
| 11-12                                 | S 60°19'37.31" W | 314.5010 | 11  | 2,317,400.1561 | 671,254.1201 |
| 12-13                                 | S 27°43'40.00" W | 47.4790  | 12  | 2,317,244.4628 | 670,980.8613 |
| 13-15                                 | S 61°56'44.60" W | 414.4250 | 13  | 2,317,202.4363 | 670,958.7709 |
| 15-16                                 | S 64°08'59.76" W | 169.6260 | 15  | 2,317,007.5290 | 670,593.0398 |
| 16-17                                 | S 26°38'11.14" E | 8.8000   | 16  | 2,316,933.5692 | 670,440.3872 |
| 17-18                                 | S 71°10'40.48" W | 34.0240  | 17  | 2,316,925.7027 | 670,444.3327 |
| 18-19                                 | S 70°38'21.89" W | 177.2940 | 18  | 2,316,914.7255 | 670,412.1281 |
| 19-20                                 | N 20°56'56.79" W | 12.7790  | 19  | 2,316,855.9504 | 670,244.8601 |
| 20-21                                 | S 70°22'55.89" W | 188.2670 | 20  | 2,316,867.8848 | 670,240.2911 |
| 21-22                                 | S 72°17'22.30" W | 261.3820 | 21  | 2,316,804.6754 | 670,062.9528 |
| 22-23                                 | S 73°22'29.13" W | 15.0650  | 22  | 2,316,725.1612 | 669,813.9591 |
| 23-24                                 | S 73°54'39.83" W | 18.3360  | 23  | 2,316,720.8510 | 669,799.5241 |
| 24-25                                 | S 76°25'01.88" W | 254.1370 | 24  | 2,316,715.7695 | 669,781.9060 |
| 25-26                                 | S 76°25'01.88" W | 296.1760 | 25  | 2,316,656.0853 | 669,534.8769 |
| 26-27                                 | S 80°34'34.89" W | 263.5610 | 26  | 2,316,586.5282 | 669,246.9845 |
| 27-28                                 | S 85°51'11.34" W | 156.3920 | 27  | 2,316,543.3746 | 668,986.9805 |
| 28-29                                 | S 87°59'26.21" W | 127.7720 | 28  | 2,316,532.0655 | 668,830.9982 |
| 29-30                                 | N 88°24'19.56" W | 333.7370 | 29  | 2,316,527.5854 | 668,703.3049 |
| 30-31                                 | N 80°30'51.58" W | 196.3020 | 30  | 2,316,536.8722 | 668,369.6969 |
| 31-32                                 | N 74°24'50.91" W | 259.3490 | 31  | 2,316,569.2230 | 668,176.0791 |
| 32-33                                 | N 67°02'31.39" W | 111.9400 | 32  | 2,316,638.9055 | 667,926.2663 |
| 33-34                                 | N 57°25'37.43" W | 123.0890 | 33  | 2,316,682.5681 | 667,823.1933 |
| 34-35                                 | N 58°03'24.10" W | 346.3190 | 34  | 2,316,748.8361 | 667,719.4651 |
| 35-36                                 | N 73°04'56.85" W | 14.1840  | 35  | 2,316,932.0663 | 667,425.5887 |
| 36-37                                 | N 49°16'24.14" W | 14.3940  | 36  | 2,316,936.1938 | 667,412.0185 |
| 37-38                                 | N 59°55'28.30" W | 355.4440 | 37  | 2,316,945.5849 | 667,401.1107 |
| 38-39                                 | N 62°42'59.31" W | 18.3040  | 38  | 2,317,123.7122 | 667,093.5215 |
| 39-40                                 | N 65°18'32.17" W | 125.5100 | 39  | 2,317,132.1024 | 667,077.2542 |
| 40-41                                 | N 70°05'58.14" W | 83.5750  | 40  | 2,317,184.5312 | 666,963.2190 |
| 41-42                                 | N 67°33'36.87" W | 63.4200  | 41  | 2,317,212.9791 | 666,884.6348 |
| 42-43                                 | N 70°27'16.79" W | 198.6200 | 42  | 2,317,237.1873 | 666,826.0169 |
| 43-44                                 | S 86°04'52.91" W | 14.4930  | 43  | 2,317,303.6361 | 666,638.8420 |
| 44-45                                 | N 73°31'53.89" W | 25.7290  | 44  | 2,317,302.6457 | 666,624.3832 |
| 45-46                                 | N 43°27'49.92" W | 10.7450  | 45  | 2,317,309.9397 | 666,599.7093 |
| 46-47                                 | N 75°32'01.23" W | 160.7220 | 46  | 2,317,317.7388 | 666,592.3175 |
| 47-48                                 | S 20°08'25.63" W | 239.3370 | 47  | 2,317,357.8889 | 666,436.6912 |
| 48-168                                | S 20°08'31.03" W | 20.0000  | 48  | 2,317,133.1870 | 666,354.2820 |
| <b>SUPERFICIE = 6,536,502.5983 m2</b> |                  |          |     |                |              |

## CUADRO DE CONSTRUCCIÓN POLÍGONO 01 AGUAS ARRIBA

| LADO<br>EST | RUMBO            | DISTANCIA | V  | COORDENADAS    |              |
|-------------|------------------|-----------|----|----------------|--------------|
|             |                  |           |    | Y              | X            |
| 1-2         | S 56°13'24.24" W | 40.8540   | 1  | 2,317,669.3439 | 671,618.7544 |
| 2-3         | S 58°06'43.16" W | 55.9750   | 2  | 2,317,646.6308 | 671,584.7961 |
| 3-4         | S 52°14'12.45" W | 52.2690   | 3  | 2,317,617.0617 | 671,537.2691 |
| 4-5         | S 47°55'55.43" W | 68.7120   | 4  | 2,317,585.0524 | 671,495.9482 |
| 5-6         | S 81°30'07.09" W | 9.9670    | 5  | 2,317,539.0143 | 671,444.9395 |
| 6-7         | S 58°18'50.74" W | 88.8770   | 6  | 2,317,537.5415 | 671,435.0823 |
| 7-8         | S 71°21'21.68" W | 19.4800   | 7  | 2,317,490.8578 | 671,359.4533 |
| 8-9         | S 47°15'32.76" W | 24.5660   | 8  | 2,317,484.6304 | 671,340.9957 |
| 9-10        | S 39°45'30.78" W | 34.6360   | 9  | 2,317,467.9576 | 671,322.9535 |
| 10-11       | S 48°35'11.26" W | 62.2460   | 10 | 2,317,441.3310 | 671,300.8017 |
| 11-12       | S 60°19'37.31" W | 314.5010  | 11 | 2,317,400.1561 | 671,254.1201 |
| 12-13       | S 27°43'40.00" W | 47.4790   | 12 | 2,317,244.4628 | 670,980.8613 |
| 13-15       | S 61°56'44.60" W | 414.4250  | 13 | 2,317,202.4363 | 670,958.7709 |
| 15-16       | S 64°08'59.76" W | 169.6260  | 15 | 2,317,007.5290 | 670,593.0398 |
| 16-17       | S 26°38'11.14" E | 8.8000    | 16 | 2,316,933.5692 | 670,440.3872 |
| 17-18       | S 71°10'40.48" W | 34.0240   | 17 | 2,316,925.7027 | 670,444.3327 |
| 18-19       | S 70°38'21.89" W | 177.2940  | 18 | 2,316,914.7255 | 670,412.1281 |
| 19-20       | N 20°56'56.79" W | 12.7790   | 19 | 2,316,855.9504 | 670,244.8601 |
| 20-21       | S 70°22'55.89" W | 188.2670  | 20 | 2,316,867.8848 | 670,240.2911 |
| 21-22       | S 72°17'22.30" W | 261.3820  | 21 | 2,316,804.6754 | 670,062.9528 |
| 22-23       | S 73°22'29.13" W | 15.0650   | 22 | 2,316,725.1612 | 669,813.9591 |
| 23-24       | S 73°54'39.83" W | 18.3360   | 23 | 2,316,720.8510 | 669,799.5241 |
| 24-25       | S 76°25'01.88" W | 254.1370  | 24 | 2,316,715.7695 | 669,781.9060 |
| 25-26       | S 76°25'01.88" W | 296.1760  | 25 | 2,316,656.0853 | 669,534.8769 |
| 26-27       | S 80°34'34.89" W | 263.5610  | 26 | 2,316,586.5282 | 669,246.9845 |
| 27-28       | S 85°51'11.34" W | 156.3920  | 27 | 2,316,543.3746 | 668,986.9805 |
| 28-29       | S 87°59'26.21" W | 127.7720  | 28 | 2,316,532.0655 | 668,830.9982 |
| 29-30       | N 88°24'19.56" W | 333.7370  | 29 | 2,316,527.5854 | 668,703.3049 |
| 30-31       | N 80°30'51.58" W | 196.3020  | 30 | 2,316,536.8722 | 668,369.6969 |
| 31-32       | N 74°24'50.91" W | 259.3490  | 31 | 2,316,569.2230 | 668,176.0791 |
| 32-33       | N 67°02'31.39" W | 111.9400  | 32 | 2,316,638.9055 | 667,926.2663 |
| 33-34       | N 57°25'37.43" W | 123.0890  | 33 | 2,316,682.5681 | 667,823.1933 |
| 34-35       | N 58°03'24.10" W | 346.3190  | 34 | 2,316,748.8361 | 667,719.4651 |
| 35-36       | N 73°04'56.85" W | 14.1840   | 35 | 2,316,932.0663 | 667,425.5887 |
| 36-37       | N 49°16'24.14" W | 14.3940   | 36 | 2,316,936.1938 | 667,412.0185 |
| 37-38       | N 59°55'28.30" W | 355.4440  | 37 | 2,316,945.5849 | 667,401.1107 |
| 38-39       | N 62°42'59.31" W | 18.3040   | 38 | 2,317,123.7122 | 667,093.5215 |
| 39-40       | N 65°18'32.17" W | 125.5100  | 39 | 2,317,132.1024 | 667,077.2542 |
| 40-41       | N 70°05'58.14" W | 83.5750   | 40 | 2,317,184.5312 | 666,963.2190 |
| 41-42       | N 67°33'36.87" W | 63.4200   | 41 | 2,317,212.9791 | 666,884.6348 |
| 42-43       | N 70°27'16.79" W | 198.6200  | 42 | 2,317,237.1873 | 666,826.0169 |
| 43-44       | S 86°04'52.91" W | 14.4930   | 43 | 2,317,303.6361 | 666,638.8420 |
| 44-45       | N 73°31'53.89" W | 25.7290   | 44 | 2,317,302.6457 | 666,624.3832 |
| 45-46       | N 43°27'49.92" W | 10.7450   | 45 | 2,317,309.9397 | 666,599.7093 |
| 46-47       | N 75°32'01.23" W | 160.7220  | 46 | 2,317,317.7388 | 666,592.3175 |
| 47-48       | S 20°08'25.63" W | 239.3370  | 47 | 2,317,357.8889 | 666,436.6912 |
| 48-49       | S 69°51'32.78" E | 92.5420   | 48 | 2,317,133.1870 | 666,354.2820 |
| 49-50       | S 72°35'21.46" E | 132.1840  | 49 | 2,317,101.3220 | 666,441.1650 |
| 50-51       | S 65°36'58.29" E | 179.4340  | 50 | 2,317,061.7700 | 666,567.2930 |

|         |                  |          |     |                |              |
|---------|------------------|----------|-----|----------------|--------------|
| 51-52   | S 63°43'00.58" E | 198.0770 | 51  | 2,316,987.6910 | 666,730.7220 |
| 52-53   | S 59°52'05.39" E | 235.6690 | 52  | 2,316,899.9810 | 666,908.3210 |
| 53-54   | S 57°45'09.31" E | 103.6850 | 53  | 2,316,781.6770 | 667,112.1450 |
| 54-55   | S 56°54'06.22" E | 354.4280 | 54  | 2,316,726.3530 | 667,199.8370 |
| 55-56   | S 62°46'37.72" E | 48.5760  | 55  | 2,316,532.8080 | 667,496.7540 |
| 56-57   | S 63°53'10.06" E | 101.4890 | 56  | 2,316,510.5870 | 667,539.9490 |
| 57-58   | S 63°22'27.49" E | 175.7650 | 57  | 2,316,465.9160 | 667,631.0780 |
| 58-59   | S 65°55'26.28" E | 116.3040 | 58  | 2,316,387.1450 | 667,788.2040 |
| 59-60   | S 75°57'13.63" E | 100.3530 | 59  | 2,316,339.6990 | 667,894.3900 |
| 60-61   | S 77°54'58.53" E | 88.6400  | 60  | 2,316,315.3430 | 667,991.7420 |
| 61-62   | N 89°57'43.40" E | 34.7290  | 61  | 2,316,296.7870 | 668,078.4180 |
| 62-63   | N 76°16'33.37" E | 23.8150  | 62  | 2,316,296.8100 | 668,113.1470 |
| 63-64   | S 75°38'21.65" E | 16.8770  | 63  | 2,316,302.4600 | 668,136.2820 |
| 64-65   | S 44°30'22.29" E | 12.7990  | 64  | 2,316,298.2740 | 668,152.6320 |
| 65-66   | S 53°20'40.17" E | 14.2710  | 65  | 2,316,289.1460 | 668,161.6040 |
| 66-67   | S 70°04'53.80" E | 24.8090  | 66  | 2,316,280.6260 | 668,173.0530 |
| 67-68   | N 75°04'28.99" E | 16.7670  | 67  | 2,316,272.1740 | 668,196.3780 |
| 68-69   | N 42°08'13.66" E | 14.1840  | 68  | 2,316,276.4926 | 668,212.5796 |
| 69-70   | N 78°40'20.67" E | 57.4530  | 69  | 2,316,287.0105 | 668,222.0957 |
| 70-71   | N 10°14'06.98" W | 23.0550  | 70  | 2,316,298.2954 | 668,278.4299 |
| 71-72   | N 70°56'40.49" E | 63.0610  | 71  | 2,316,320.9832 | 668,274.3333 |
| 72-73   | N 85°19'59.42" E | 171.2060 | 72  | 2,316,341.5716 | 668,333.9390 |
| 73-74   | S 38°02'57.15" E | 61.8800  | 73  | 2,316,355.5012 | 668,504.5777 |
| 74-75   | S 06°08'23.36" E | 47.5260  | 74  | 2,316,306.7715 | 668,542.7170 |
| 75-76   | S 53°43'46.82" E | 25.5900  | 75  | 2,316,259.5183 | 668,547.8001 |
| 76-77   | N 01°29'19.22" E | 10.7320  | 76  | 2,316,244.3794 | 668,568.4316 |
| 77-78   | S 88°25'11.66" E | 137.6210 | 77  | 2,316,255.1074 | 668,568.7104 |
| 78-79   | S 01°07'41.98" E | 11.8020  | 78  | 2,316,251.3126 | 668,706.2786 |
| 79-80   | N 82°35'05.45" E | 21.8220  | 79  | 2,316,239.5130 | 668,706.5110 |
| 80-81   | N 43°15'19.28" E | 35.1680  | 80  | 2,316,242.3293 | 668,728.1505 |
| 81-82   | N 49°23'29.40" E | 20.6170  | 81  | 2,316,267.9426 | 668,752.2496 |
| 82-83   | N 56°02'47.92" E | 21.0160  | 82  | 2,316,281.3621 | 668,767.9017 |
| 83-84   | N 79°59'39.17" E | 14.2360  | 83  | 2,316,293.0999 | 668,785.3343 |
| 84-85   | N 68°02'32.43" E | 11.5060  | 84  | 2,316,295.5734 | 668,799.3540 |
| 85-86   | N 85°49'37.46" E | 22.5430  | 85  | 2,316,299.8759 | 668,810.0257 |
| 86-87   | S 80°06'40.89" E | 21.9740  | 86  | 2,316,301.5163 | 668,832.5093 |
| 87-88   | S 80°06'40.89" E | 67.4320  | 87  | 2,316,297.7426 | 668,854.1568 |
| 88-89   | S 80°06'40.89" E | 48.4140  | 88  | 2,316,286.1623 | 668,920.5871 |
| 89-90   | S 87°49'56.65" E | 19.4450  | 89  | 2,316,277.8479 | 668,968.2823 |
| 90-91   | S 86°28'24.32" E | 8.9800   | 90  | 2,316,277.1124 | 668,987.7132 |
| 91-92   | S 86°28'23.58" E | 72.9960  | 91  | 2,316,276.5600 | 668,996.6766 |
| 92-93   | S 08°23'47.38" E | 106.3220 | 92  | 2,316,272.0696 | 669,069.5346 |
| 93-94   | S 23°52'29.49" W | 2.4700   | 93  | 2,316,166.8876 | 669,085.0600 |
| 94-95   | S 08°13'54.90" E | 81.7920  | 94  | 2,316,164.6290 | 669,084.0603 |
| 95-96   | S 88°01'10.77" E | 8.0120   | 95  | 2,316,083.6801 | 669,095.7712 |
| 96-97   | S 79°10'15.86" E | 33.7940  | 96  | 2,316,083.4032 | 669,103.7785 |
| 97-98   | N 85°17'41.06" E | 9.5950   | 97  | 2,316,077.0541 | 669,136.9706 |
| 98-99   | N 08°25'41.31" W | 193.3170 | 98  | 2,316,077.8412 | 669,146.5329 |
| 99-100  | S 86°28'23.58" E | 54.1540  | 99  | 2,316,269.0704 | 669,118.1987 |
| 100-101 | S 83°47'04.59" E | 19.9150  | 100 | 2,316,265.7391 | 669,172.2498 |
| 101-102 | S 86°56'26.93" E | 20.6140  | 101 | 2,316,263.5830 | 669,192.0475 |
| 102-103 | N 81°08'52.70" E | 9.6330   | 102 | 2,316,262.4829 | 669,212.6318 |

|                                       |                  |          |     |                |              |
|---------------------------------------|------------------|----------|-----|----------------|--------------|
| 103-104                               | S 87°53'59.14" E | 13.4820  | 103 | 2,316,263.9652 | 669,222.1497 |
| 104-105                               | S 70°18'50.63" E | 21.2680  | 104 | 2,316,263.4711 | 669,235.6230 |
| 105-106                               | S 88°56'33.88" E | 94.4150  | 105 | 2,316,256.3068 | 669,255.6476 |
| 106-107                               | N 83°44'27.28" E | 101.9670 | 106 | 2,316,254.5647 | 669,350.0463 |
| 107-108                               | N 78°43'26.83" E | 12.7710  | 107 | 2,316,265.6816 | 669,451.4054 |
| 108-109                               | N 78°43'28.02" E | 6.6020   | 108 | 2,316,268.1787 | 669,463.9296 |
| 109-110                               | N 67°07'48.25" E | 6.4740   | 109 | 2,316,269.4695 | 669,470.4038 |
| 110-111                               | N 83°29'53.95" E | 116.8180 | 110 | 2,316,271.9854 | 669,476.3685 |
| 111-112                               | N 80°39'00.91" E | 21.3450  | 111 | 2,316,285.2130 | 669,592.4354 |
| 112-113                               | N 83°14'19.98" E | 47.8660  | 112 | 2,316,288.6807 | 669,613.4967 |
| 113-114                               | N 81°11'25.06" E | 47.5140  | 113 | 2,316,294.3160 | 669,661.0301 |
| 114-115                               | N 74°57'12.45" E | 102.5410 | 114 | 2,316,301.5929 | 669,707.9834 |
| 115-116                               | N 76°07'19.96" E | 66.3960  | 115 | 2,316,328.2128 | 669,807.0084 |
| 116-117                               | N 76°07'19.88" E | 56.8370  | 116 | 2,316,344.1381 | 669,871.4667 |
| 117-118                               | N 70°45'58.58" E | 60.8210  | 117 | 2,316,357.7706 | 669,926.6447 |
| 118-119                               | S 84°05'52.14" E | 9.3350   | 118 | 2,316,377.8065 | 669,984.0711 |
| 119-120                               | N 67°33'26.71" E | 25.9820  | 119 | 2,316,376.8466 | 669,993.3564 |
| 120-121                               | N 65°38'19.77" E | 22.4950  | 120 | 2,316,386.7653 | 670,017.3703 |
| 121-122                               | N 66°59'49.48" E | 30.9750  | 121 | 2,316,396.0441 | 670,037.8622 |
| 122-123                               | N 64°19'19.94" E | 176.3530 | 122 | 2,316,408.1484 | 670,066.3741 |
| 123-124                               | N 64°58'54.18" E | 60.7210  | 123 | 2,316,484.5640 | 670,225.3116 |
| 124-125                               | N 23°49'21.02" E | 10.5560  | 124 | 2,316,510.2434 | 670,280.3354 |
| 125-126                               | N 45°25'31.35" E | 8.6670   | 125 | 2,316,519.9000 | 670,284.5990 |
| 126-127                               | N 69°26'32.44" E | 29.1300  | 126 | 2,316,525.9830 | 670,290.7730 |
| 127-128                               | N 50°42'46.87" E | 54.8590  | 127 | 2,316,536.2120 | 670,318.0480 |
| 128-129                               | N 62°18'08.97" E | 89.7650  | 128 | 2,316,570.9490 | 670,360.5080 |
| 129-130                               | N 56°12'17.52" E | 17.6960  | 129 | 2,316,612.6720 | 670,439.9870 |
| 130-131                               | N 83°16'11.33" E | 22.5350  | 130 | 2,316,622.5150 | 670,454.6930 |
| 131-132                               | N 63°08'19.36" E | 1.4790   | 131 | 2,316,625.1560 | 670,477.0730 |
| 132-133                               | N 63°08'22.51" E | 37.5900  | 132 | 2,316,625.8243 | 670,478.3925 |
| 133-134                               | N 52°44'24.63" E | 43.5060  | 133 | 2,316,642.8082 | 670,511.9270 |
| 134-135                               | N 52°44'24.15" E | 14.2430  | 134 | 2,316,669.1481 | 670,546.5534 |
| 135-136                               | N 60°22'53.59" E | 10.5000  | 135 | 2,316,677.7710 | 670,557.8890 |
| 136-137                               | N 63°27'29.30" E | 163.9650 | 136 | 2,316,682.9602 | 670,567.0168 |
| 137-138                               | N 67°43'43.00" E | 17.2660  | 137 | 2,316,756.2282 | 670,713.7012 |
| 138-139                               | N 67°36'49.71" E | 42.3960  | 138 | 2,316,762.7721 | 670,729.6796 |
| 139-140                               | N 56°51'07.61" E | 21.3670  | 139 | 2,316,778.9187 | 670,768.8810 |
| 140-141                               | N 63°27'42.39" E | 23.6880  | 140 | 2,316,790.6021 | 670,786.7706 |
| 141-142                               | N 67°09'54.02" E | 30.4600  | 141 | 2,316,801.1859 | 670,807.9630 |
| 142-143                               | N 77°09'11.33" E | 39.9480  | 142 | 2,316,813.0068 | 670,836.0358 |
| 143-144                               | N 70°06'13.62" E | 94.5780  | 143 | 2,316,821.8890 | 670,874.9835 |
| 145-146                               | N 72°59'27.50" E | 10.7360  | 145 | 2,316,864.4748 | 670,994.0888 |
| 146-147                               | N 78°31'49.09" E | 42.1150  | 146 | 2,316,867.6152 | 671,004.3548 |
| 147-148                               | N 78°31'49.09" E | 27.4230  | 147 | 2,316,875.9897 | 671,045.6285 |
| 148-149                               | S 32°03'50.98" E | 10.0310  | 148 | 2,316,881.4427 | 671,072.5036 |
| 149-150                               | N 68°26'44.64" E | 9.3670   | 149 | 2,316,872.9422 | 671,077.8286 |
| 150-151                               | N 68°26'44.64" E | 0.5790   | 150 | 2,316,876.3836 | 671,086.5407 |
| 151-152                               | N 35°45'53.51" E | 56.6290  | 151 | 2,316,876.5964 | 671,087.0795 |
| 152-153                               | N 30°09'50.75" W | 289.5160 | 152 | 2,316,922.5465 | 671,120.1769 |
| 153-154                               | N 58°44'44.78" E | 819.0710 | 153 | 2,317,172.8590 | 670,974.7015 |
| 154-1                                 | N 38°08'03.01" W | 90.9290  | 154 | 2,317,597.8226 | 671,674.9033 |
| <b>SUPERFICIE = 1,534,644.9441 m2</b> |                  |          |     |                |              |

## CUADRO DE CONSTRUCCIÓN DEL POLÍGONO 02 AGUAS

| LADO<br>EST | RUMBO            | DISTANCIA | V   | COORDENADAS    |              |
|-------------|------------------|-----------|-----|----------------|--------------|
|             |                  |           |     | Y              | X            |
| 520-521     | N 57°31'39.68" E | 100.0930  | 520 | 2,317,011.5080 | 671,225.5962 |
| 521-522     | N 54°35'08.97" E | 139.8790  | 521 | 2,317,065.2469 | 671,310.0394 |
| 522-523     | N 55°12'58.96" E | 157.0570  | 522 | 2,317,146.3043 | 671,424.0385 |
| 523-524     | N 50°33'26.31" E | 657.3930  | 523 | 2,317,235.9021 | 671,553.0315 |
| 524-525     | N 40°17'38.18" E | 51.7450   | 524 | 2,317,653.5481 | 672,060.7104 |
| 525-526     | N 43°11'41.20" E | 100.2000  | 525 | 2,317,693.0160 | 672,094.1744 |
| 526-527     | N 46°48'47.93" E | 245.0460  | 526 | 2,317,766.0651 | 672,162.7596 |
| 527-528     | N 52°59'15.69" E | 109.4600  | 527 | 2,317,933.7690 | 672,341.4292 |
| 528-529     | N 59°29'46.05" E | 290.8680  | 528 | 2,317,999.6626 | 672,428.8339 |
| 529-530     | N 61°44'02.20" E | 189.7510  | 529 | 2,318,147.3064 | 672,679.4446 |
| 530-531     | N 65°33'01.34" E | 122.7020  | 530 | 2,318,237.1659 | 672,846.5690 |
| 531-532     | N 76°53'31.88" E | 84.3800   | 531 | 2,318,287.9516 | 672,958.2681 |
| 532-533     | S 19°04'31.50" E | 180.6200  | 532 | 2,318,307.0877 | 673,040.4496 |
| 533-534     | N 66°43'22.96" E | 50.0000   | 533 | 2,318,136.3856 | 673,099.4785 |
| 534-535     | N 09°24'12.65" W | 65.0000   | 534 | 2,318,156.1444 | 673,145.4088 |
| 535-536     | N 18°18'17.62" W | 95.0800   | 535 | 2,318,220.2710 | 673,134.7886 |
| 536-537     | N 14°00'48.17" W | 64.8200   | 536 | 2,318,310.5398 | 673,104.9265 |
| 537-538     | N 60°40'19.00" E | 65.0400   | 537 | 2,318,373.4307 | 673,089.2305 |
| 538-539     | N 63°56'00.23" E | 163.9900  | 538 | 2,318,405.2879 | 673,145.9343 |
| 539-540     | N 66°43'22.96" E | 299.9310  | 539 | 2,318,477.3477 | 673,293.2438 |
| 540-541     | S 23°27'13.79" E | 12.1520   | 540 | 2,318,595.8731 | 673,568.7616 |
| 541-542     | N 82°04'53.05" E | 105.3420  | 541 | 2,318,584.7250 | 673,573.5983 |
| 542-543     | N 66°14'07.53" E | 53.5470   | 542 | 2,318,599.2376 | 673,677.9362 |
| 543-544     | N 71°23'16.95" E | 79.4920   | 543 | 2,318,620.8162 | 673,726.9434 |
| 544-545     | N 61°42'22.07" E | 97.9310   | 544 | 2,318,646.1867 | 673,802.2783 |
| 545-546     | N 59°31'31.84" E | 72.6760   | 545 | 2,318,692.6053 | 673,888.5091 |
| 546-547     | N 71°40'24.25" E | 82.9040   | 546 | 2,318,729.4634 | 673,951.1455 |
| 547-548     | N 67°13'04.89" E | 48.6970   | 547 | 2,318,755.5312 | 674,029.8447 |
| 548-549     | N 70°41'23.66" E | 24.8370   | 548 | 2,318,774.3878 | 674,074.7424 |
| 549-550     | N 23°27'13.79" W | 10.8940   | 549 | 2,318,782.6010 | 674,098.1822 |
| 550-551     | N 69°28'14.48" E | 21.7860   | 550 | 2,318,792.5953 | 674,093.8461 |
| 551-552     | N 77°25'17.04" E | 38.6210   | 551 | 2,318,800.2353 | 674,114.2484 |
| 552-553     | N 65°02'52.69" E | 18.9580   | 552 | 2,318,808.6461 | 674,151.9424 |
| 553-554     | N 75°29'57.43" E | 83.0950   | 553 | 2,318,816.6436 | 674,169.1307 |
| 554-555     | N 74°42'41.01" E | 18.8400   | 554 | 2,318,837.4498 | 674,249.5782 |
| 555-556     | N 79°09'30.75" E | 32.9440   | 555 | 2,318,842.4177 | 674,267.7517 |
| 556-557     | N 88°09'43.52" E | 33.5190   | 556 | 2,318,848.6141 | 674,300.1075 |
| 557-558     | N 89°19'39.28" E | 142.2450  | 557 | 2,318,849.6892 | 674,333.6094 |
| 558-559     | N 78°38'18.99" E | 41.0640   | 558 | 2,318,851.3585 | 674,475.8442 |
| 559-560     | S 82°30'14.36" E | 34.3130   | 559 | 2,318,859.4480 | 674,516.1035 |
| 560-561     | N 55°01'47.50" E | 18.3290   | 560 | 2,318,854.9716 | 674,550.1230 |
| 561-562     | N 64°33'42.46" E | 21.1990   | 561 | 2,318,865.4771 | 674,565.1430 |
| 562-563     | N 47°03'19.86" E | 37.4320   | 562 | 2,318,874.5830 | 674,584.2870 |
| 563-564     | N 37°26'18.94" E | 53.0230   | 563 | 2,318,900.0849 | 674,611.6877 |
| 564-565     | N 51°46'24.86" E | 45.9440   | 564 | 2,318,942.1855 | 674,643.9209 |
| 565-566     | N 32°32'45.51" E | 35.4630   | 565 | 2,318,970.6142 | 674,680.0131 |
| 566-567     | N 56°15'28.76" E | 16.7150   | 566 | 2,319,000.5086 | 674,699.0917 |
| 567-568     | N 79°25'27.76" E | 20.7070   | 567 | 2,319,009.7927 | 674,712.9906 |
| 568-569     | N 89°54'50.71" E | 58.9640   | 568 | 2,319,013.5932 | 674,733.3459 |
| 569-570     | S 76°34'40.61" E | 106.5140  | 569 | 2,319,013.6816 | 674,792.3098 |
| 570-571     | S 58°25'19.79" E | 24.5850   | 570 | 2,318,988.9574 | 674,895.9144 |
| 571-572     | S 64°06'46.32" E | 74.4760   | 571 | 2,318,976.0833 | 674,916.8590 |

|             |                  |          |       |                |              |
|-------------|------------------|----------|-------|----------------|--------------|
| 572-573     | S 53°52'28.83" E | 93.8970  | 572   | 2,318,943.5669 | 674,983.8621 |
| 573-574     | S 45°28'14.35" E | 114.1340 | 573   | 2,318,888.2096 | 675,059.7055 |
| 574-575     | S 53°18'15.58" E | 145.9100 | 574   | 2,318,808.1703 | 675,141.0707 |
| 575-576     | S 88°24'42.10" E | 46.8170  | 575   | 2,318,720.9797 | 675,258.0642 |
| 576-577     | N 37°11'19.58" E | 8.5330   | 576   | 2,318,719.6821 | 675,304.8637 |
| 577-578     | N 58°00'57.46" E | 34.1960  | 577   | 2,318,726.4796 | 675,310.0212 |
| 578-579     | N 70°02'45.53" E | 8.1020   | 578   | 2,318,744.5925 | 675,339.0259 |
| 579-580     | N 83°51'49.59" E | 43.5680  | 579   | 2,318,747.3573 | 675,346.6411 |
| 580-581     | N 70°20'42.77" E | 99.4080  | 580   | 2,318,752.0143 | 675,389.9592 |
| 581-582     | S 82°16'34.68" E | 73.6620  | 581   | 2,318,785.4504 | 675,483.5751 |
| 582-583     | N 82°41'45.37" E | 49.9710  | 582   | 2,318,775.5505 | 675,556.5688 |
| 583-584     | N 63°47'51.82" E | 90.4370  | 583   | 2,318,781.9035 | 675,606.1341 |
| 584-585     | N 72°02'58.79" E | 44.9640  | 584   | 2,318,821.8350 | 675,687.2775 |
| 585-586     | N 56°28'21.45" E | 32.7380  | 585   | 2,318,835.6925 | 675,730.0525 |
| 586-587     | N 45°28'26.41" E | 55.8590  | 586   | 2,318,853.7751 | 675,757.3440 |
| 587-588     | N 50°08'55.89" E | 33.6800  | 587   | 2,318,892.9453 | 675,797.1678 |
| 588-589     | N 44°02'01.38" E | 33.1630  | 588   | 2,318,914.5273 | 675,823.0243 |
| 589-357     | N 60°30'47.99" E | 35.5610  | 589   | 2,318,938.3689 | 675,846.0750 |
| 357-358     | N 13°14'25.67" E | 66.3790  | 357   | 2,318,955.8728 | 675,877.0298 |
| 358-359     | N 13°14'25.67" E | 43.5750  | 358   | 2,319,020.4872 | 675,892.2331 |
| 359-360     | N 13°01'24.43" E | 199.3910 | 359   | 2,319,062.9035 | 675,902.2134 |
| 360-594     | N 90°00'00" W    | 19.3240  | 360   | 2,319,257.1656 | 675,947.1461 |
| 594-595     | N 52°53'11.69" W | 13.3900  | 594   | 2,319,257.1656 | 675,927.8218 |
| 595-596     | N 00°00'00" E    | 23.7110  | 595   | 2,319,265.2449 | 675,917.1442 |
| 596-PM597   | N 51°48'52.39" E | 115.4140 | 596   | 2,319,288.9563 | 675,917.1442 |
| PM597-PM598 | N 51°48'52.39" E | 623.1620 | PM597 | 2,319,360.3065 | 676,007.8615 |
| PM598-162   | N 62°43'19.65" E | 63.2990  | PM598 | 2,319,745.5504 | 676,497.6751 |
| 162-161     | N 04°47'40.64" W | 405.2540 | 162   | 2,319,774.5605 | 676,553.9346 |
| 161-PM601   | S 59°54'27.92" W | 860.1620 | 161   | 2,320,178.3962 | 676,520.0617 |
| PM601-602   | S 59°54'27.92" W | 163.2390 | PM601 | 2,319,747.1163 | 675,775.8327 |
| 602-603     | S 50°00'22.62" W | 17.4700  | 602   | 2,319,665.2693 | 675,634.5952 |
| 603-604     | S 83°50'35.31" W | 20.6560  | 603   | 2,319,654.0413 | 675,621.2112 |
| 604-605     | N 58°35'39.53" W | 15.3320  | 604   | 2,319,651.8260 | 675,600.6746 |
| 605-606     | S 84°06'25.70" W | 13.2900  | 605   | 2,319,659.8153 | 675,587.5889 |
| 606-607     | S 75°55'46.35" W | 35.7420  | 606   | 2,319,658.4508 | 675,574.3688 |
| 607-376     | N 42°38'31.21" W | 28.2820  | 607   | 2,319,649.7615 | 675,539.6996 |
| 376-377     | S 85°00'35.61" W | 74.5070  | 376   | 2,319,670.5658 | 675,520.5409 |
| 377-610     | N 81°20'11.68" W | 14.2040  | 377   | 2,319,664.0849 | 675,446.3163 |
| 610-611     | N 87°55'51.82" W | 71.0540  | 610   | 2,319,666.2245 | 675,432.2740 |
| 611-612     | S 85°29'22.36" W | 8.5920   | 611   | 2,319,668.7897 | 675,361.2660 |
| 612-613     | S 89°48'20.08" W | 41.8470  | 612   | 2,319,668.1140 | 675,352.7004 |
| 613-614     | S 80°38'03.98" W | 29.9240  | 613   | 2,319,667.9720 | 675,310.8535 |
| 614-615     | S 66°03'09.20" W | 14.1150  | 614   | 2,319,663.1023 | 675,281.3279 |
| 615-616     | N 86°25'34.44" W | 18.3820  | 615   | 2,319,657.3732 | 675,268.4283 |
| 616-617     | S 71°17'28.90" W | 54.4770  | 616   | 2,319,658.5190 | 675,250.0823 |
| 617-618     | S 38°18'46.13" W | 22.3000  | 617   | 2,319,641.0453 | 675,198.4841 |
| 618-619     | S 22°17'59.49" W | 13.7680  | 618   | 2,319,623.5475 | 675,184.6588 |
| 619-620     | S 45°13'25.10" W | 30.4660  | 619   | 2,319,610.8094 | 675,179.4346 |
| 620-621     | S 75°23'01.49" W | 22.4260  | 620   | 2,319,589.3510 | 675,157.8080 |
| 621-622     | S 55°53'43.62" W | 6.9390   | 621   | 2,319,583.6920 | 675,136.1080 |
| 622-623     | S 38°56'11.44" W | 8.6020   | 622   | 2,319,579.8010 | 675,130.3620 |
| 623-624     | S 58°50'41.98" W | 29.1830  | 623   | 2,319,573.1100 | 675,124.9560 |
| 624-625     | S 82°09'13.31" W | 5.0250   | 624   | 2,319,558.0120 | 675,099.9820 |
| 625-626     | S 60°35'57.09" W | 22.6170  | 625   | 2,319,557.3260 | 675,095.0040 |
| 626-627     | S 82°29'24.70" W | 15.7540  | 626   | 2,319,546.2230 | 675,075.3000 |

|         |                  |         |     |                |              |
|---------|------------------|---------|-----|----------------|--------------|
| 627-628 | N 66°10'02.29" W | 8.0680  | 627 | 2,319,544.1640 | 675,059.6810 |
| 628-629 | S 73°01'04.42" W | 6.4610  | 628 | 2,319,547.4240 | 675,052.3010 |
| 629-630 | S 56°05'33.66" W | 5.9980  | 629 | 2,319,545.5370 | 675,046.1220 |
| 631-632 | S 70°33'44.51" W | 29.0210 | 631 | 2,319,530.2318 | 675,031.6093 |
| 632-633 | S 63°43'50.94" W | 9.4400  | 632 | 2,319,520.5740 | 675,004.2420 |
| 633-634 | S 53°03'06.91" W | 21.6920 | 633 | 2,319,516.3960 | 674,995.7770 |
| 634-635 | S 60°22'29.81" W | 16.4870 | 634 | 2,319,503.3570 | 674,978.4410 |
| 635-636 | S 53°41'09.15" W | 28.9690 | 635 | 2,319,495.2070 | 674,964.1090 |
| 636-637 | S 59°46'34.22" W | 16.1890 | 636 | 2,319,478.0510 | 674,940.7660 |
| 637-638 | S 52°59'36.98" W | 8.2270  | 637 | 2,319,469.9020 | 674,926.7780 |
| 638-639 | S 41°33'45.43" W | 9.0570  | 638 | 2,319,464.9500 | 674,920.2080 |
| 639-640 | S 28°08'13.73" W | 25.5120 | 639 | 2,319,458.1730 | 674,914.1990 |
| 640-641 | N 88°16'43.44" W | 15.0090 | 640 | 2,319,435.6762 | 674,902.1681 |
| 641-642 | S 84°34'58.90" W | 10.0000 | 641 | 2,319,436.1270 | 674,887.1660 |
| 642-643 | S 69°40'35.12" W | 18.0290 | 642 | 2,319,435.1830 | 674,877.2110 |
| 643-644 | S 58°03'10.86" W | 14.3210 | 643 | 2,319,428.9210 | 674,860.3040 |
| 644-645 | N 71°49'02.02" W | 8.8880  | 644 | 2,319,421.3434 | 674,848.1524 |
| 645-646 | S 88°01'15.97" W | 19.4390 | 645 | 2,319,424.1170 | 674,839.7080 |
| 646-647 | N 62°47'00.96" W | 3.5120  | 646 | 2,319,423.4457 | 674,820.2803 |
| 647-648 | N 80°49'12.20" W | 8.6060  | 647 | 2,319,425.0520 | 674,817.1570 |
| 648-649 | N 88°43'02.90" W | 7.6400  | 648 | 2,319,426.4250 | 674,808.6610 |
| 649-650 | S 75°35'59.92" W | 12.7590 | 649 | 2,319,426.5960 | 674,801.0230 |
| 650-651 | S 70°37'50.63" W | 21.4680 | 650 | 2,319,423.4230 | 674,788.6650 |
| 651-652 | S 66°10'12.62" W | 12.3110 | 651 | 2,319,416.3030 | 674,768.4120 |
| 652-653 | N 47°52'37.11" W | 16.7520 | 652 | 2,319,411.3289 | 674,757.1502 |
| 653-654 | N 74°44'14.77" W | 6.0740  | 653 | 2,319,422.5650 | 674,744.7250 |
| 654-655 | N 76°16'53.71" W | 16.0030 | 654 | 2,319,424.1640 | 674,738.8650 |
| 655-656 | N 84°12'44.25" W | 18.1870 | 655 | 2,319,427.9590 | 674,723.3190 |
| 656-657 | N 63°08'55.04" W | 3.4010  | 656 | 2,319,429.7930 | 674,705.2250 |
| 657-658 | S 68°45'32.95" W | 3.3790  | 657 | 2,319,431.3290 | 674,702.1910 |
| 658-659 | S 16°24'56.99" W | 13.6510 | 658 | 2,319,430.1050 | 674,699.0420 |
| 659-660 | N 73°49'04.45" W | 59.4170 | 659 | 2,319,417.0100 | 674,695.1840 |
| 660-661 | S 17°49'14.53" W | 19.3210 | 660 | 2,319,433.5690 | 674,638.1210 |
| 661-662 | N 74°08'07.52" W | 35.9340 | 661 | 2,319,415.1750 | 674,632.2080 |
| 662-663 | S 63°46'09.22" W | 14.0280 | 662 | 2,319,424.9980 | 674,597.6430 |
| 663-664 | S 82°13'09.49" W | 10.1340 | 663 | 2,319,418.7980 | 674,585.0600 |
| 664-665 | S 27°09'48.48" W | 10.6710 | 664 | 2,319,417.4260 | 674,575.0190 |
| 665-666 | S 86°11'34.14" W | 27.0620 | 665 | 2,319,407.9319 | 674,570.1473 |
| 666-667 | S 59°49'08.75" W | 5.4600  | 666 | 2,319,406.1350 | 674,543.1450 |
| 667-668 | S 75°09'31.13" W | 11.7200 | 667 | 2,319,403.3900 | 674,538.4250 |
| 668-669 | S 17°44'49.54" W | 4.5040  | 668 | 2,319,400.3880 | 674,527.0960 |
| 669-670 | S 15°19'59.83" E | 20.9030 | 669 | 2,319,396.0980 | 674,525.7230 |
| 670-671 | S 88°22'10.86" W | 15.0590 | 670 | 2,319,375.9394 | 674,531.2503 |
| 671-672 | S 15°56'36.95" W | 4.3720  | 671 | 2,319,375.5110 | 674,516.1970 |
| 672-673 | S 33°42'33.69" W | 24.7270 | 672 | 2,319,371.3070 | 674,514.9960 |
| 673-674 | N 70°19'42.89" W | 51.8210 | 673 | 2,319,350.7371 | 674,501.2727 |
| 674-675 | N 36°02'27.93" W | 6.9910  | 674 | 2,319,368.1814 | 674,452.4760 |
| 675-676 | N 70°12'21.07" W | 2.2800  | 675 | 2,319,373.8340 | 674,448.3630 |
| 676-677 | S 41°59'53.80" W | 11.5660 | 676 | 2,319,374.6060 | 674,446.2180 |
| 677-678 | N 81°45'58.73" W | 10.3040 | 677 | 2,319,366.0103 | 674,438.4789 |
| 678-679 | S 87°09'23.36" W | 12.1150 | 678 | 2,319,367.4860 | 674,428.2810 |
| 679-680 | N 80°57'19.73" W | 9.4460  | 679 | 2,319,366.8850 | 674,416.1810 |
| 680-681 | S 86°53'14.42" W | 12.6340 | 680 | 2,319,368.3700 | 674,406.8520 |
| 681-682 | S 77°54'43.23" W | 15.9730 | 681 | 2,319,367.6840 | 674,394.2370 |
| 682-683 | S 63°26'35.86" W | 9.2110  | 682 | 2,319,364.3390 | 674,378.6180 |

|             |                  |          |       |                |              |
|-------------|------------------|----------|-------|----------------|--------------|
| 683-684     | S 55°34'25.91" W | 10.9240  | 683   | 2,319,360.2210 | 674,370.3790 |
| 684-685     | S 71°24'12.34" W | 9.4170   | 684   | 2,319,354.0450 | 674,361.3680 |
| 685-686     | S 48°09'11.73" W | 25.7100  | 685   | 2,319,351.0420 | 674,352.4430 |
| 686-687     | S 67°23'17.80" W | 14.2540  | 686   | 2,319,333.8900 | 674,333.2910 |
| 687-688     | N 84°27'54.37" W | 17.1220  | 687   | 2,319,328.4095 | 674,320.1326 |
| 688-689     | S 72°48'45.81" W | 3.2390   | 688   | 2,319,330.0610 | 674,303.0900 |
| 689-690     | S 53°14'48.63" W | 6.0840   | 689   | 2,319,329.1040 | 674,299.9960 |
| 690-691     | S 84°47'50.71" W | 23.4360  | 690   | 2,319,325.4637 | 674,295.1216 |
| 691-692     | N 43°50'13.75" W | 10.9670  | 691   | 2,319,323.3385 | 674,271.7817 |
| 692-693     | N 60°27'01.82" W | 8.2200   | 692   | 2,319,331.2490 | 674,264.1860 |
| 693-694     | N 80°11'34.63" W | 2.9240   | 693   | 2,319,335.3030 | 674,257.0350 |
| 694-695     | N 88°43'34.21" W | 7.5160   | 694   | 2,319,335.8010 | 674,254.1540 |
| 695-696     | N 54°19'11.40" W | 9.4060   | 695   | 2,319,335.9681 | 674,246.6400 |
| 696-697     | N 42°57'10.60" W | 5.2660   | 696   | 2,319,341.4540 | 674,239.0000 |
| 697-698     | N 34°45'23.47" W | 14.2310  | 697   | 2,319,345.3080 | 674,235.4120 |
| 698-699     | N 32°25'18.30" W | 18.6310  | 698   | 2,319,357.0000 | 674,227.2990 |
| 699-700     | N 05°07'19.56" E | 7.8170   | 699   | 2,319,372.7267 | 674,217.3102 |
| 700-701     | N 16°46'24.99" W | 3.4690   | 700   | 2,319,380.5120 | 674,218.0080 |
| 701-702     | N 42°57'11.25" W | 4.9300   | 701   | 2,319,383.8330 | 674,217.0070 |
| 702-703     | N 59°55'38.98" W | 5.9870   | 702   | 2,319,387.4410 | 674,213.6480 |
| 703-704     | N 32°23'14.09" W | 38.2660  | 703   | 2,319,390.4410 | 674,208.4670 |
| 704-705     | N 33°23'59.00" W | 25.2420  | 704   | 2,319,422.7550 | 674,187.9700 |
| 705-706     | N 31°59'08.96" W | 6.3960   | 705   | 2,319,443.8284 | 674,174.0748 |
| 706-707     | N 39°02'51.07" W | 9.4160   | 706   | 2,319,449.2530 | 674,170.6870 |
| 707-708     | N 35°39'38.40" W | 5.6860   | 707   | 2,319,456.5660 | 674,164.7550 |
| 708-709     | N 32°20'31.04" W | 19.3750  | 708   | 2,319,461.1860 | 674,161.4400 |
| 709-PM710   | N 62°09'05.65" W | 7.7680   | 709   | 2,319,477.5551 | 674,151.0751 |
| PM710-PM711 | N 33°38'13.92" W | 15.7670  | PM710 | 2,319,481.1836 | 674,144.2071 |
| PM711-PM712 | N 48°43'08.38" W | 8.5030   | PM711 | 2,319,494.3110 | 674,135.4730 |
| PM712-PM713 | N 24°50'43.92" W | 7.9590   | PM712 | 2,319,499.9210 | 674,129.0830 |
| PM713-PM714 | N 09°24'14.79" W | 6.6340   | PM713 | 2,319,507.1430 | 674,125.7390 |
| PM714-PM715 | N 03°34'41.10" W | 4.0860   | PM714 | 2,319,513.6880 | 674,124.6550 |
| PM715-PM716 | N 04°34'19.83" E | 12.9500  | PM715 | 2,319,517.7660 | 674,124.4000 |
| PM716-PM717 | N 03°57'41.35" E | 3.1080   | PM716 | 2,319,530.6747 | 674,125.4323 |
| PM717-PM718 | N 02°07'14.40" W | 9.8910   | PM717 | 2,319,533.7750 | 674,125.6470 |
| PM718-PM719 | N 15°03'25.59" E | 9.1620   | PM718 | 2,319,543.6590 | 674,125.2810 |
| PM719-PM720 | N 12°08'58.25" W | 10.1590  | PM719 | 2,319,552.5060 | 674,127.6610 |
| PM720-PM721 | N 44°02'03.96" W | 3.7760   | PM720 | 2,319,562.4370 | 674,125.5230 |
| PM721-PM722 | S 74°42'08.84" W | 4.7380   | PM721 | 2,319,565.1520 | 674,122.8980 |
| PM722-PM723 | S 48°48'53.94" W | 18.5110  | PM722 | 2,319,563.9020 | 674,118.3280 |
| PM723-PM724 | N 36°29'32.08" W | 36.5480  | PM723 | 2,319,551.7125 | 674,104.3967 |
| PM724-PM725 | N 48°32'42.83" W | 13.8940  | PM724 | 2,319,581.0950 | 674,082.6610 |
| PM725-PM726 | N 67°57'47.25" W | 37.0970  | PM725 | 2,319,590.2930 | 674,072.2480 |
| PM726-PM727 | N 72°54'15.04" W | 16.4680  | PM726 | 2,319,604.2120 | 674,037.8610 |
| PM727-PM728 | S 88°38'13.72" W | 5.1630   | PM727 | 2,319,609.0530 | 674,022.1210 |
| PM728-PM445 | S 68°26'50.15" W | 14.7650  | PM728 | 2,319,608.9302 | 674,016.9590 |
| PM445-446   | S 66°56'39.91" W | 10.5630  | PM445 | 2,319,603.5060 | 674,003.2260 |
| 446-PM447   | S 27°20'57.72" W | 138.8720 | PM446 | 2,319,599.3691 | 673,993.5063 |
| PM447-PM732 | S 57°36'48.47" E | 30.7560  | PM447 | 2,319,476.0198 | 673,929.7063 |
| PM732-PM733 | S 49°39'58.88" E | 39.8180  | PM732 | 2,319,459.5461 | 673,955.6781 |
| PM733-PM734 | S 53°45'58.91" E | 32.9630  | PM733 | 2,319,433.7746 | 673,986.0307 |
| PM734-PM735 | N 72°34'48.82" E | 9.3440   | PM734 | 2,319,414.2906 | 674,012.6194 |
| PM735-PM736 | S 80°07'50.71" E | 23.1760  | PM735 | 2,319,417.0879 | 674,021.5349 |
| PM736-737   | S 01°32'46.10" E | 9.7730   | PM736 | 2,319,413.1156 | 674,044.3678 |
| 737-738     | S 33°26'13.39" W | 11.1460  | 737   | 2,319,403.3464 | 674,044.6315 |

|         |                  |          |     |                |              |
|---------|------------------|----------|-----|----------------|--------------|
| 738-739 | S 48°09'36.68" W | 25.0710  | 738 | 2,319,394.0449 | 674,038.4897 |
| 739-740 | S 41°23'10.15" W | 36.8650  | 739 | 2,319,377.3216 | 674,019.8118 |
| 740-741 | S 41°54'32.67" W | 39.5700  | 740 | 2,319,349.6625 | 673,995.4389 |
| 741-742 | S 02°24'27.86" E | 4.9250   | 741 | 2,319,320.2145 | 673,969.0083 |
| 742-743 | S 26°10'30.45" W | 27.8500  | 742 | 2,319,315.2939 | 673,969.2152 |
| 743-744 | S 51°54'44.69" W | 6.7840   | 743 | 2,319,290.3003 | 673,956.9303 |
| 744-745 | S 13°21'28.72" W | 19.0380  | 744 | 2,319,286.1157 | 673,951.5911 |
| 745-746 | S 63°27'05.73" E | 8.9300   | 745 | 2,319,267.5929 | 673,947.1927 |
| 746-747 | S 14°39'02.79" W | 66.4110  | 746 | 2,319,263.6017 | 673,955.1809 |
| 747-748 | S 40°17'21.99" E | 22.1080  | 747 | 2,319,199.3505 | 673,938.3839 |
| 748-465 | S 47°29'42.39" W | 7.1910   | 748 | 2,319,182.4867 | 673,952.6801 |
| 465-466 | S 47°46'51.23" W | 54.0950  | 465 | 2,319,177.6281 | 673,947.3787 |
| 466-467 | S 49°23'45.71" W | 85.4680  | 466 | 2,319,141.2784 | 673,907.3174 |
| 467-468 | S 51°33'17.09" W | 45.1950  | 467 | 2,319,085.6534 | 673,842.4277 |
| 468-753 | S 57°15'01.86" W | 15.4320  | 468 | 2,319,057.5529 | 673,807.0312 |
| 753-754 | S 81°42'18.15" W | 59.6570  | 753 | 2,319,049.2048 | 673,794.0523 |
| 754-755 | S 76°51'16.13" W | 43.5430  | 754 | 2,319,040.5981 | 673,735.0192 |
| 755-756 | S 66°48'52.37" W | 10.2550  | 755 | 2,319,030.6952 | 673,692.6168 |
| 756-757 | S 71°12'30.83" W | 89.5620  | 756 | 2,319,026.6576 | 673,683.1897 |
| 757-478 | S 63°42'36.09" W | 34.1380  | 757 | 2,318,997.8076 | 673,598.4017 |
| 478-759 | S 25°16'52.83" E | 8.9020   | 478 | 2,318,982.6871 | 673,567.7944 |
| 759-760 | S 66°02'35.10" W | 100.0000 | 759 | 2,318,974.6376 | 673,571.5962 |
| 760-761 | S 69°50'38.62" W | 50.2360  | 760 | 2,318,934.0325 | 673,480.2107 |
| 761-762 | S 66°52'39.54" W | 56.0000  | 761 | 2,318,916.7224 | 673,433.0514 |
| 762-763 | S 72°07'01.54" W | 24.0250  | 762 | 2,318,894.7314 | 673,381.5499 |
| 763-764 | S 68°08'40.89" W | 27.0400  | 763 | 2,318,887.3539 | 673,358.6854 |
| 764-765 | S 63°04'31.26" W | 54.6400  | 764 | 2,318,877.2879 | 673,333.5889 |
| 765-766 | S 67°47'18.41" W | 16.4490  | 765 | 2,318,852.5459 | 673,284.8717 |
| 766-767 | S 67°46'29.70" W | 30.9990  | 766 | 2,318,846.3276 | 673,269.6430 |
| 767-768 | S 61°45'44.31" W | 30.1630  | 767 | 2,318,834.6022 | 673,240.9467 |
| 768-769 | S 63°18'36.90" W | 60.5520  | 768 | 2,318,820.3310 | 673,214.3730 |
| 769-770 | S 65°22'55.47" W | 14.0430  | 769 | 2,318,793.1334 | 673,160.2725 |
| 770-771 | S 56°46'42.80" W | 36.3930  | 770 | 2,318,787.2837 | 673,147.5062 |
| 771-772 | S 65°39'11.03" W | 11.5250  | 771 | 2,318,767.3451 | 673,117.0617 |
| 772-773 | S 64°12'37.51" W | 112.5360 | 772 | 2,318,762.5939 | 673,106.5619 |
| 773-774 | S 67°25'49.17" W | 29.4000  | 773 | 2,318,713.6331 | 673,005.2346 |
| 774-775 | S 57°25'48.77" W | 45.0030  | 774 | 2,318,702.3490 | 672,978.0858 |
| 775-776 | S 62°40'23.26" W | 70.5000  | 775 | 2,318,678.1228 | 672,940.1603 |
| 776-777 | S 59°07'49.48" W | 66.6770  | 776 | 2,318,645.7586 | 672,877.5279 |
| 777-778 | S 54°34'22.24" W | 82.2190  | 777 | 2,318,611.5475 | 672,820.2964 |
| 778-779 | S 55°38'15.60" W | 20.9680  | 778 | 2,318,563.8879 | 672,753.3001 |
| 779-780 | S 66°33'47.00" W | 39.0560  | 779 | 2,318,552.0532 | 672,735.9915 |
| 780-781 | S 57°40'33.48" W | 25.6730  | 780 | 2,318,536.5191 | 672,700.1577 |
| 781-782 | S 59°54'18.11" W | 47.7030  | 781 | 2,318,522.7918 | 672,678.4634 |
| 782-783 | S 58°11'07.29" W | 43.0550  | 782 | 2,318,498.8717 | 672,637.1908 |
| 783-784 | S 55°34'15.38" W | 68.8280  | 783 | 2,318,476.1741 | 672,600.6042 |
| 784-785 | S 50°32'04.18" W | 65.8630  | 784 | 2,318,437.2596 | 672,543.8328 |
| 785-786 | S 54°47'13.46" W | 226.3460 | 785 | 2,318,395.3965 | 672,492.9864 |
| 786-787 | S 54°06'31.44" W | 80.1690  | 786 | 2,318,264.8816 | 672,308.0584 |
| 787-788 | S 53°49'55.20" W | 42.4760  | 787 | 2,318,217.8829 | 672,243.1114 |
| 788-789 | S 38°56'40.26" W | 25.9480  | 788 | 2,318,192.8153 | 672,208.8207 |
| 789-790 | S 51°40'16.33" W | 70.4040  | 789 | 2,318,172.6342 | 672,192.5107 |
| 790-791 | S 49°38'58.30" W | 30.1860  | 790 | 2,318,128.9714 | 672,137.2811 |
| 791-792 | S 49°11'09.65" W | 40.2310  | 791 | 2,318,109.4273 | 672,114.2766 |
| 792-793 | S 47°17'02.63" W | 25.2320  | 792 | 2,318,083.1318 | 672,083.8280 |

|                                       |                  |          |     |                |              |
|---------------------------------------|------------------|----------|-----|----------------|--------------|
| 793-794                               | S 50°10'19.11" W | 13.0350  | 793 | 2,318,066.0156 | 672,065.2897 |
| 794-795                               | S 56°51'14.66" W | 19.2630  | 794 | 2,318,057.6667 | 672,055.2790 |
| 795-796                               | S 46°54'48.10" W | 26.6440  | 795 | 2,318,047.1341 | 672,039.1503 |
| 796-514                               | S 51°07'26.10" W | 38.9630  | 796 | 2,318,028.9332 | 672,019.6913 |
| 514-515                               | S 39°28'28.64" E | 21.7580  | 514 | 2,318,004.4784 | 671,989.3582 |
| 515-516                               | S 46°54'46.30" W | 234.5120 | 515 | 2,317,987.6833 | 672,003.1905 |
| 516-517                               | N 42°19'58.25" W | 19.9430  | 516 | 2,317,827.4861 | 671,831.9230 |
| 517-801                               | S 69°11'29.82" W | 18.7100  | 517 | 2,317,842.2286 | 671,818.4929 |
| 801-802                               | S 48°40'04.97" W | 209.5530 | 801 | 2,317,835.5820 | 671,801.0032 |
| 802-1                                 | S 41°48'00.34" W | 37.3520  | 802 | 2,317,697.1891 | 671,643.6510 |
| 1-154                                 | S 38°08'03.01" E | 90.9290  | 1   | 2,317,669.3439 | 671,618.7544 |
| 154-153                               | S 58°44'44.78" W | 819.0710 | 154 | 2,317,597.8226 | 671,674.9033 |
| 153-152                               | S 30°09'50.75" E | 289.5160 | 153 | 2,317,172.8590 | 670,974.7015 |
| 152-B                                 | N 58°10'21.58" E | 137.3680 | B   | 2,316,922.5465 | 671,120.1769 |
| B-520                                 | N 34°21'36.57" W | 20.0110  | 807 | 2,316,994.9889 | 671,236.8902 |
| <b>SUPERFICIE = 2,740,129.4771 m2</b> |                  |          |     |                |              |

## CUADRO DE CONSTRUCCIÓN DEL POLÍGONO 03 CANAL DE NAVEGACIÓN EXTERIOR

| LADO<br>EST                           | RUMBO            | DISTANCIA  | V   | COORDENADAS  |              |
|---------------------------------------|------------------|------------|-----|--------------|--------------|
|                                       |                  |            |     | Y            | X            |
| 155-156                               | N 34°32'41.54" W | 489.0400   | 155 | 2,321,415.93 | 679,469.2865 |
| 156-157                               | S 59°45'35.09" W | 3,438.3770 | 156 | 2,321,818.75 | 679,191.9754 |
| 157-158                               | S 42°58'52.81" E | 35.0620    | 157 | 2,320,087.09 | 676,221.4885 |
| 158-159                               | N 60°32'48.43" E | 343.9020   | 158 | 2,320,061.44 | 676,245.3924 |
| 159-160                               | S 04°40'32.55" E | 36.1890    | 159 | 2,320,230.54 | 676,544.8478 |
| 160-161                               | S 59°54'27.92" W | 32.0570    | 160 | 2,320,194.47 | 676,547.7977 |
| 161-162                               | S 04°47'40.64" E | 405.2540   | 161 | 2,320,178.40 | 676,520.0617 |
| 162-163                               | N 62°43'19.65" E | 23.7290    | 162 | 2,319,774.56 | 676,553.9346 |
| 163-164                               | S 15°11'29.56" E | 27.6360    | 163 | 2,319,785.44 | 676,575.0249 |
| 164-165                               | S 52°57'56.23" W | 523.3130   | 164 | 2,319,758.77 | 676,582.2668 |
| 165-166                               | S 19°50'21.23" E | 20.0000    | 165 | 2,319,443.58 | 676,164.5197 |
| 166-167                               | N 53°13'06.01" E | 520.1940   | 166 | 2,319,424.76 | 676,171.3074 |
| 167-155                               | N 59°45'35.09" E | 3,335.1930 | 167 | 2,319,736.24 | 676,587.9424 |
| <b>SUPERFICIE = 1,597,379.3514 m2</b> |                  |            |     |              |              |

## CUADRO DE CONSTRUCCIÓN POLÍGONO DE LAS MONOBOYAS Y FONDEO

| LADO<br>EST                            | RUMBO            | DISTANCIA | V    | COORDENADAS    |              |
|--|------------------|-----------|------|----------------|--------------|
|  |                  |           |      | Y              | X            |
| FB01-FB02                              | S 42°19'57.97" E | 157.067   | FB01 | 2,329,402.8782 | 673,970.7961 |
| FB02-FB03                              | S 69°11'29.82" W | 18.710    | FB02 | 2,330,551.0236 | 675,356.2044 |
| FB03-FB04                              | S 48°40'04.97" W | 209.553   | FB03 | 2,323,612.8236 | 684,452.0349 |
| FB04-FB05                              | S 41°48'00.34" W | 37.352    | FB04 | 2,320,638.9605 | 686,480.8617 |
| FB05-FB06                              | N 38°12'13.93" W | 149.002   | FB05 | 2,317,623.8984 | 682,061.3707 |
| FB06-FB01                              | N 47°16'20.71" E | 253.360   | FB06 | 2,320,597.7615 | 680,032.5439 |
| <b>SUPERFICIE = 57,883,127.5738 m2</b> |                  |           |      |                |              |

## CUADRO DE CONSTRUCCIÓN DEL POLÍGONO 1 TIERRA

| LADO<br>EST | RUMBO            | DISTANCIA | V  | COORDENADAS    |              |
|-------------|------------------|-----------|----|----------------|--------------|
|             |                  |           |    | Y              | X            |
| 48-49       | S 69°51'32.78" E | 92.5420   | 48 | 2,317,133.1870 | 666,354.2820 |
| 49-50       | S 72°35'21.46" E | 132.1840  | 49 | 2,317,101.3220 | 666,441.1650 |
| 50-51       | S 65°36'58.29" E | 179.4340  | 50 | 2,317,061.7700 | 666,567.2930 |
| 51-52       | S 63°43'00.58" E | 198.0770  | 51 | 2,316,987.6910 | 666,730.7220 |
| 52-53       | S 59°52'05.39" E | 235.6690  | 52 | 2,316,899.9810 | 666,908.3210 |
| 53-54       | S 57°45'09.31" E | 103.6850  | 53 | 2,316,781.6770 | 667,112.1450 |

|                                    |                  |          |     |                |              |
|------------------------------------|------------------|----------|-----|----------------|--------------|
| 54-55                              | S 56°54'06.22" E | 354.4280 | 54  | 2,316,726.3530 | 667,199.8370 |
| 55-56                              | S 62°46'37.72" E | 48.5760  | 55  | 2,316,532.8080 | 667,496.7540 |
| 56-57                              | S 63°53'10.06" E | 101.4890 | 56  | 2,316,510.5870 | 667,539.9490 |
| 57-58                              | S 63°22'27.49" E | 175.7650 | 57  | 2,316,465.9160 | 667,631.0780 |
| 58-59                              | S 65°55'26.28" E | 116.3040 | 58  | 2,316,387.1450 | 667,788.2040 |
| 59-60                              | S 75°57'13.63" E | 100.3530 | 59  | 2,316,339.6990 | 667,894.3900 |
| 60-180                             | S 15°41'32.63" W | 14.4340  | 60  | 2,316,315.3430 | 667,991.7420 |
| 180-179                            | S 39°33'30.33" W | 6.1740   | 180 | 2,316,301.4470 | 667,987.8380 |
| 179-178                            | N 75°57'13.15" W | 99.0330  | 179 | 2,316,296.6870 | 667,983.9060 |
| 178-177                            | N 65°55'10.59" W | 118.7150 | 178 | 2,316,320.7230 | 667,887.8340 |
| 177-176                            | N 63°22'27.26" W | 175.9990 | 177 | 2,316,369.1610 | 667,779.4500 |
| 176-175                            | N 63°25'46.32" W | 151.4200 | 176 | 2,316,448.0370 | 667,622.1150 |
| 175-174                            | N 56°56'11.67" W | 354.5500 | 175 | 2,316,515.7670 | 667,486.6870 |
| 174-173                            | N 57°45'03.02" W | 103.6900 | 174 | 2,316,709.1980 | 667,189.5500 |
| 173-172                            | N 59°52'03.99" W | 234.6450 | 173 | 2,316,764.5270 | 667,101.8560 |
| 172-171                            | N 63°43'00.27" W | 197.1370 | 172 | 2,316,882.3180 | 666,898.9190 |
| 171-170                            | N 65°36'58.26" W | 177.8840 | 171 | 2,316,969.6120 | 666,722.1630 |
| 170-169                            | N 72°35'21.43" W | 131.4420 | 170 | 2,317,043.0510 | 666,560.1460 |
| 169-168                            | N 69°51'33.42" W | 93.0190  | 169 | 2,317,082.3810 | 666,434.7260 |
| 168-48                             | N 20°08'31.03" E | 20.0000  | 168 | 2,317,114.4100 | 666,347.3950 |
| <b>SUPERFICIE = 36,667.4364 m2</b> |                  |          |     |                |              |

## CUADRO DE CONSTRUCCIÓN DEL POLÍGONO 2 TIERRA

| LADO<br>EST | RUMBO            | DISTANCIA | V  | COORDENADAS    |              |
|-------------|------------------|-----------|----|----------------|--------------|
|             |                  |           |    | Y              | X            |
| 68-69       | N 42°08'13.66" E | 14.1840   | 68 | 2,316,276.4926 | 668,212.5796 |
| 69-70       | N 78°40'20.67" E | 57.4530   | 69 | 2,316,287.0105 | 668,222.0957 |
| 70-71       | N 10°14'06.98" W | 23.0550   | 70 | 2,316,298.2954 | 668,278.4299 |
| 71-72       | N 70°56'40.49" E | 63.0610   | 71 | 2,316,320.9832 | 668,274.3333 |
| 72-73       | N 85°19'59.42" E | 171.2060  | 72 | 2,316,341.5716 | 668,333.9390 |
| 73-74       | S 38°02'57.15" E | 61.8800   | 73 | 2,316,355.5012 | 668,504.5777 |
| 74-75       | S 06°08'23.36" E | 47.5260   | 74 | 2,316,306.7715 | 668,542.7170 |
| 75-76       | S 53°43'46.82" E | 25.5900   | 75 | 2,316,259.5183 | 668,547.8001 |
| 76-77       | N 01°29'19.22" E | 10.7320   | 76 | 2,316,244.3794 | 668,568.4316 |
| 77-78       | S 88°25'11.66" E | 137.6210  | 77 | 2,316,255.1074 | 668,568.7104 |
| 78-79       | S 01°07'41.98" E | 11.8020   | 78 | 2,316,251.3126 | 668,706.2786 |
| 79-80       | N 82°35'05.45" E | 21.8220   | 79 | 2,316,239.5130 | 668,706.5110 |
| 80-81       | N 43°15'19.28" E | 35.1680   | 80 | 2,316,242.3293 | 668,728.1505 |
| 81-82       | N 49°23'29.40" E | 20.6170   | 81 | 2,316,267.9426 | 668,752.2496 |
| 82-83       | N 56°02'47.92" E | 21.0160   | 82 | 2,316,281.3621 | 668,767.9017 |
| 83-84       | N 79°59'39.17" E | 14.2360   | 83 | 2,316,293.0999 | 668,785.3343 |
| 84-85       | N 68°02'32.43" E | 11.5060   | 84 | 2,316,295.5734 | 668,799.3540 |
| 85-86       | N 85°49'37.46" E | 22.5430   | 85 | 2,316,299.8759 | 668,810.0257 |
| 86-87       | S 80°06'40.89" E | 21.9740   | 86 | 2,316,301.5163 | 668,832.5093 |
| 87-88       | S 80°06'40.89" E | 67.4320   | 87 | 2,316,297.7426 | 668,854.1568 |
| 88-89       | S 80°06'40.89" E | 48.4140   | 88 | 2,316,286.1623 | 668,920.5871 |
| 89-90       | S 87°49'56.65" E | 19.4450   | 89 | 2,316,277.8479 | 668,968.2823 |
| 90-91       | S 86°28'24.32" E | 8.9800    | 90 | 2,316,277.1124 | 668,987.7132 |
| 91-92       | S 86°28'23.58" E | 72.9960   | 91 | 2,316,276.5600 | 668,996.6766 |
| 92-93       | S 08°23'47.38" E | 106.3220  | 92 | 2,316,272.0696 | 669,069.5346 |
| 93-94       | S 23°52'29.49" W | 2.4700    | 93 | 2,316,166.8876 | 669,085.0600 |
| 94-95       | S 08°13'54.90" E | 81.7920   | 94 | 2,316,164.6290 | 669,084.0603 |
| 95-96       | S 88°01'10.77" E | 8.0120    | 95 | 2,316,083.6801 | 669,095.7712 |

|         |                  |          |     |                |              |
|---------|------------------|----------|-----|----------------|--------------|
| 96-97   | S 79°10'15.86" E | 33.7940  | 96  | 2,316,083.4032 | 669,103.7785 |
| 97-98   | N 85°17'41.06" E | 9.5950   | 97  | 2,316,077.0541 | 669,136.9706 |
| 98-99   | N 08°25'41.31" W | 193.3170 | 98  | 2,316,077.8412 | 669,146.5329 |
| 99-100  | S 86°28'23.58" E | 54.1540  | 99  | 2,316,269.0704 | 669,118.1987 |
| 100-101 | S 83°47'04.59" E | 19.9150  | 100 | 2,316,265.7391 | 669,172.2498 |
| 101-102 | S 86°56'26.93" E | 20.6140  | 101 | 2,316,263.5830 | 669,192.0475 |
| 102-103 | N 81°08'52.70" E | 9.6330   | 102 | 2,316,262.4829 | 669,212.6318 |
| 103-104 | S 87°53'59.14" E | 13.4820  | 103 | 2,316,263.9652 | 669,222.1497 |
| 104-105 | S 70°18'50.63" E | 21.2680  | 104 | 2,316,263.4711 | 669,235.6230 |
| 105-106 | S 88°56'33.88" E | 94.4150  | 105 | 2,316,256.3068 | 669,255.6476 |
| 106-107 | N 83°44'27.28" E | 101.9670 | 106 | 2,316,254.5647 | 669,350.0463 |
| 107-108 | N 78°43'26.83" E | 12.7710  | 107 | 2,316,265.6816 | 669,451.4054 |
| 108-109 | N 78°43'28.02" E | 6.6020   | 108 | 2,316,268.1787 | 669,463.9296 |
| 109-110 | N 67°07'48.25" E | 6.4740   | 109 | 2,316,269.4695 | 669,470.4038 |
| 110-111 | N 83°29'53.95" E | 116.8180 | 110 | 2,316,271.9854 | 669,476.3685 |
| 111-112 | N 80°39'00.91" E | 21.3450  | 111 | 2,316,285.2130 | 669,592.4354 |
| 112-113 | N 83°14'19.98" E | 47.8660  | 112 | 2,316,288.6807 | 669,613.4967 |
| 113-114 | N 81°11'25.06" E | 47.5140  | 113 | 2,316,294.3160 | 669,661.0301 |
| 114-115 | N 74°57'12.45" E | 102.5410 | 114 | 2,316,301.5929 | 669,707.9834 |
| 115-116 | N 76°07'19.96" E | 66.3960  | 115 | 2,316,328.2128 | 669,807.0084 |
| 116-117 | N 76°07'19.88" E | 56.8370  | 116 | 2,316,344.1381 | 669,871.4667 |
| 117-118 | N 70°45'58.58" E | 60.8210  | 117 | 2,316,357.7706 | 669,926.6447 |
| 118-119 | S 84°05'52.14" E | 9.3350   | 118 | 2,316,377.8065 | 669,984.0711 |
| 119-120 | N 67°33'26.71" E | 25.9820  | 119 | 2,316,376.8466 | 669,993.3564 |
| 120-121 | N 65°38'19.77" E | 22.4950  | 120 | 2,316,386.7653 | 670,017.3703 |
| 121-122 | N 66°59'49.48" E | 30.9750  | 121 | 2,316,396.0441 | 670,037.8622 |
| 122-123 | N 64°19'19.94" E | 176.3530 | 122 | 2,316,408.1484 | 670,066.3741 |
| 123-124 | N 64°58'54.18" E | 60.7210  | 123 | 2,316,484.5640 | 670,225.3116 |
| 124-125 | N 23°49'21.02" E | 10.5560  | 124 | 2,316,510.2434 | 670,280.3354 |
| 125-126 | N 45°25'31.35" E | 8.6670   | 125 | 2,316,519.9000 | 670,284.5990 |
| 126-127 | N 69°26'32.44" E | 29.1300  | 126 | 2,316,525.9830 | 670,290.7730 |
| 127-128 | N 50°42'46.87" E | 54.8590  | 127 | 2,316,536.2120 | 670,318.0480 |
| 128-129 | N 62°18'08.97" E | 89.7650  | 128 | 2,316,570.9490 | 670,360.5080 |
| 129-130 | N 56°12'17.52" E | 17.6960  | 129 | 2,316,612.6720 | 670,439.9870 |
| 130-131 | N 83°16'11.33" E | 22.5350  | 130 | 2,316,622.5150 | 670,454.6930 |
| 131-132 | N 63°08'19.36" E | 1.4790   | 131 | 2,316,625.1560 | 670,477.0730 |
| 132-133 | N 63°08'22.51" E | 37.5900  | 132 | 2,316,625.8243 | 670,478.3925 |
| 133-134 | N 52°44'24.63" E | 43.5060  | 133 | 2,316,642.8082 | 670,511.9270 |
| 134-135 | N 52°44'24.15" E | 14.2430  | 134 | 2,316,669.1481 | 670,546.5534 |
| 135-136 | N 60°22'53.59" E | 10.5000  | 135 | 2,316,677.7710 | 670,557.8890 |
| 136-137 | N 63°27'29.30" E | 163.9650 | 136 | 2,316,682.9602 | 670,567.0168 |
| 137-138 | N 67°43'43.00" E | 17.2660  | 137 | 2,316,756.2282 | 670,713.7012 |
| 138-139 | N 67°36'49.71" E | 42.3960  | 138 | 2,316,762.7721 | 670,729.6796 |
| 139-140 | N 56°51'07.61" E | 21.3670  | 139 | 2,316,778.9187 | 670,768.8810 |
| 140-141 | N 63°27'42.39" E | 23.6880  | 140 | 2,316,790.6021 | 670,786.7706 |
| 141-142 | N 67°09'54.02" E | 30.4600  | 141 | 2,316,801.1859 | 670,807.9630 |
| 142-143 | N 77°09'11.33" E | 39.9480  | 142 | 2,316,813.0068 | 670,836.0358 |
| 143-144 | N 70°06'13.62" E | 94.5780  | 143 | 2,316,821.8890 | 670,874.9835 |
| 144-145 | N 70°58'58.87" E | 31.9150  | 144 | 2,316,854.0754 | 670,963.9158 |
| 145-146 | N 72°59'27.50" E | 10.7360  | 145 | 2,316,864.4748 | 670,994.0888 |
| 146-147 | N 78°31'49.09" E | 42.1150  | 146 | 2,316,867.6152 | 671,004.3548 |
| 147-148 | N 78°31'49.09" E | 27.4230  | 147 | 2,316,875.9897 | 671,045.6285 |
| 148-149 | S 32°03'50.98" E | 10.0310  | 148 | 2,316,881.4427 | 671,072.5036 |

|         |                  |          |     |                |              |
|---------|------------------|----------|-----|----------------|--------------|
| 149-274 | S 68°26'44.50" W | 29.2060  | 149 | 2,316,872.9423 | 671,077.8286 |
| 274-273 | S 81°35'57.42" W | 39.3570  | 274 | 2,316,862.2124 | 671,050.6648 |
| 273-272 | S 82°45'37.79" W | 45.6280  | 273 | 2,316,856.4625 | 671,011.7299 |
| 272-271 | S 71°28'13.61" W | 65.1350  | 272 | 2,316,850.7126 | 670,966.4658 |
| 271-270 | S 58°49'02.08" W | 31.8350  | 271 | 2,316,830.0130 | 670,904.7070 |
| 270-269 | S 57°11'41.30" W | 20.3070  | 270 | 2,316,813.5300 | 670,877.4718 |
| 269-268 | S 71°43'14.91" W | 11.5050  | 269 | 2,316,802.5280 | 670,860.4035 |
| 268-267 | S 65°40'19.75" W | 43.3440  | 268 | 2,316,798.9196 | 670,849.4794 |
| 267-266 | S 64°33'28.90" W | 80.6070  | 267 | 2,316,781.0639 | 670,809.9846 |
| 266-265 | S 66°48'00.56" W | 31.1840  | 266 | 2,316,746.4353 | 670,737.1946 |
| 265-264 | S 60°58'24.64" W | 12.7480  | 265 | 2,316,734.1505 | 670,708.5318 |
| 264-263 | S 64°58'18.36" W | 135.4180 | 264 | 2,316,727.9651 | 670,697.3852 |
| 263-262 | S 57°40'03.86" W | 27.7400  | 263 | 2,316,670.6744 | 670,574.6828 |
| 262-261 | S 19°24'44.89" E | 13.8180  | 262 | 2,316,655.8384 | 670,551.2438 |
| 261-260 | S 64°33'26.86" W | 4.9610   | 261 | 2,316,642.8059 | 670,555.8364 |
| 260-259 | N 22°05'03.16" W | 5.7710   | 260 | 2,316,640.6748 | 670,551.3569 |
| 259-258 | S 52°44'24.07" W | 33.4220  | 259 | 2,316,646.0226 | 670,549.1871 |
| 258-257 | S 63°08'23.44" W | 44.4390  | 258 | 2,316,625.7881 | 670,522.5870 |
| 257-256 | S 83°16'10.49" W | 21.2720  | 257 | 2,316,605.7099 | 670,482.9424 |
| 256-255 | S 56°33'52.67" W | 16.8830  | 256 | 2,316,603.2169 | 670,461.8173 |
| 255-254 | S 62°26'24.71" W | 85.8710  | 255 | 2,316,593.9143 | 670,447.7281 |
| 254-253 | S 50°50'11.44" W | 19.4300  | 254 | 2,316,554.1841 | 670,371.6012 |
| 253-252 | S 50°38'51.49" W | 36.6970  | 253 | 2,316,541.9132 | 670,356.5360 |
| 252-251 | S 69°26'32.75" W | 28.1740  | 252 | 2,316,518.6438 | 670,328.1593 |
| 251-250 | S 23°40'31.41" W | 2.4880   | 251 | 2,316,508.7505 | 670,301.7793 |
| 250-249 | N 89°22'35.87" W | 5.8830   | 250 | 2,316,506.4716 | 670,300.7801 |
| 249-248 | S 41°24'09.03" W | 2.4490   | 249 | 2,316,506.5356 | 670,294.8979 |
| 248-247 | S 64°59'55.41" W | 110.4660 | 248 | 2,316,504.6988 | 670,293.2784 |
| 247-246 | S 78°25'06.23" W | 11.5790  | 247 | 2,316,458.0116 | 670,193.1633 |
| 246-245 | S 68°02'37.43" W | 21.1610  | 246 | 2,316,455.6870 | 670,181.8200 |
| 245-244 | S 63°05'55.10" W | 99.8930  | 245 | 2,316,447.7750 | 670,162.1940 |
| 244-243 | S 20°49'18.73" E | 12.2230  | 244 | 2,316,402.5778 | 670,073.1107 |
| 243-242 | S 66°25'54.32" W | 56.8860  | 243 | 2,316,391.1531 | 670,077.4555 |
| 242-241 | S 67°33'26.75" W | 31.3670  | 242 | 2,316,368.4079 | 670,025.3150 |
| 241-240 | N 84°05'53.89" W | 10.3910  | 241 | 2,316,356.4333 | 669,996.3236 |
| 240-239 | S 70°32'46.52" W | 56.6600  | 240 | 2,316,357.5017 | 669,985.9879 |
| 239-238 | S 76°07'19.94" W | 124.3880 | 239 | 2,316,338.6313 | 669,932.5625 |
| 238-237 | S 74°56'30.42" W | 103.0680 | 238 | 2,316,308.7966 | 669,811.8054 |
| 237-236 | S 81°11'24.76" W | 49.4110  | 237 | 2,316,282.0196 | 669,712.2769 |
| 236-235 | S 83°16'08.40" W | 47.1640  | 236 | 2,316,274.4521 | 669,663.4490 |
| 235-234 | S 80°39'00.18" W | 21.2070  | 235 | 2,316,268.9241 | 669,616.6101 |
| 234-233 | S 80°39'00.87" W | 15.5900  | 234 | 2,316,265.4787 | 669,595.6847 |
| 233-232 | S 84°45'14.62" W | 32.8190  | 233 | 2,316,262.9460 | 669,580.3022 |
| 232-231 | S 84°45'15.15" W | 41.2050  | 232 | 2,316,259.9453 | 669,547.6204 |
| 231-230 | S 81°42'31.74" W | 25.0660  | 231 | 2,316,256.1780 | 669,506.5881 |
| 230-229 | S 67°07'45.74" W | 5.9460   | 230 | 2,316,252.5634 | 669,481.7842 |
| 229-228 | S 78°43'28.35" W | 24.6080  | 229 | 2,316,250.2525 | 669,476.3057 |
| 228-227 | N 83°03'49.66" W | 16.0570  | 228 | 2,316,245.4409 | 669,452.1722 |
| 227-226 | S 88°32'15.74" W | 14.8280  | 227 | 2,316,247.3800 | 669,436.2328 |
| 226-225 | S 77°31'59.87" W | 30.3800  | 226 | 2,316,247.0016 | 669,421.4095 |
| 225-224 | S 86°54'54.56" W | 28.5310  | 225 | 2,316,240.4434 | 669,391.7458 |
| 224-223 | S 62°20'08.77" W | 14.7620  | 224 | 2,316,238.9080 | 669,363.2559 |
| 223-222 | N 87°41'49.73" W | 97.1020  | 223 | 2,316,232.0543 | 669,350.1817 |

|                                    |                  |          |     |                |              |
|------------------------------------|------------------|----------|-----|----------------|--------------|
| 222-221                            | N 70°18'51.19" W | 22.6860  | 222 | 2,316,235.9560 | 669,253.1583 |
| 221-20                             | N 87°54'00.65" W | 8.4710   | 221 | 2,316,243.5979 | 669,231.7986 |
| 20-219                             | S 81°08'55.27" W | 9.8020   | 20  | 2,316,243.9083 | 669,223.3328 |
| 219-218                            | N 85°20'50.21" W | 38.0750  | 219 | 2,316,242.4001 | 669,213.6478 |
| 218-217                            | N 86°28'23.58" W | 51.5400  | 218 | 2,316,245.4886 | 669,175.6982 |
| 217-216                            | S 08°25'41.31" E | 175.4400 | 217 | 2,316,248.6591 | 669,124.2557 |
| 216-215                            | S 85°17'41.06" W | 13.2050  | 216 | 2,316,075.1139 | 669,149.9698 |
| 215-214                            | N 79°10'15.86" W | 33.9710  | 215 | 2,316,074.0307 | 669,136.8089 |
| 214-213                            | N 88°01'10.77" W | 10.2880  | 214 | 2,316,080.4130 | 669,103.4429 |
| 213-212                            | N 08°13'54.90" W | 85.1630  | 213 | 2,316,080.7685 | 669,093.1612 |
| 212-211                            | N 23°52'29.49" E | 2.4650   | 212 | 2,316,165.0538 | 669,080.9676 |
| 211-210                            | N 08°23'47.38" W | 85.6460  | 211 | 2,316,167.3082 | 669,081.9654 |
| 210-209                            | N 86°28'23.58" W | 73.4940  | 210 | 2,316,252.0363 | 669,069.4591 |
| 209-208                            | S 88°39'43.68" W | 8.4460   | 209 | 2,316,256.5573 | 668,996.1043 |
| 208-207                            | N 86°22'03.97" W | 19.8150  | 208 | 2,316,256.3601 | 668,987.6605 |
| 207-206                            | N 80°06'40.89" W | 49.7000  | 207 | 2,316,257.6154 | 668,967.8856 |
| 206-205                            | N 80°06'40.89" W | 66.2590  | 206 | 2,316,266.1506 | 668,918.9238 |
| 205-204                            | N 80°06'40.89" W | 22.4790  | 205 | 2,316,277.5295 | 668,853.6494 |
| 204-203                            | S 85°49'37.46" W | 16.9480  | 204 | 2,316,281.3898 | 668,831.5046 |
| 203-020                            | S 68°02'32.43" W | 10.4710  | 203 | 2,316,280.1566 | 668,814.6019 |
| 020-201                            | S 79°59'39.17" W | 12.0880  | 20  | 2,316,276.2414 | 668,804.8907 |
| 201-200                            | S 56°02'47.91" W | 15.6120  | 201 | 2,316,274.1411 | 668,792.9863 |
| 200-199                            | S 53°02'48.88" W | 16.8880  | 200 | 2,316,265.4217 | 668,780.0366 |
| 199-198                            | N 84°45'23.35" W | 12.5780  | 199 | 2,316,255.2694 | 668,766.5411 |
| 198-197                            | S 40°35'57.24" W | 36.3330  | 198 | 2,316,256.4189 | 668,754.0161 |
| 197-196                            | N 88°20'04.71" W | 154.6010 | 197 | 2,316,228.8322 | 668,730.3721 |
| 196-195                            | S 87°37'50.68" W | 8.1300   | 196 | 2,316,233.3252 | 668,575.8362 |
| 195-194                            | S 87°08'22.69" W | 9.8700   | 195 | 2,316,232.9891 | 668,567.7128 |
| 194-193                            | N 01°00'15.35" E | 19.2610  | 194 | 2,316,232.4965 | 668,557.8555 |
| 193-192                            | N 54°10'36.19" W | 13.0420  | 193 | 2,316,251.7549 | 668,558.1931 |
| 192-191                            | N 06°05'10.42" W | 47.5730  | 192 | 2,316,259.3883 | 668,547.6182 |
| 191-190                            | N 38°05'28.88" W | 61.8130  | 191 | 2,316,306.6933 | 668,542.5742 |
| 190-189                            | S 85°24'59.18" W | 42.5060  | 190 | 2,316,355.3422 | 668,504.4405 |
| 189-188                            | S 03°15'38.90" E | 18.8130  | 188 | 2,316,351.9455 | 668,462.0705 |
| 188-187                            | S 85°14'22.95" W | 14.9780  | 187 | 2,316,333.1625 | 668,463.1406 |
| 187-186                            | N 05°38'57.82" W | 18.7870  | 185 | 2,316,331.9195 | 668,448.2146 |
| 186-185                            | S 85°16'57.42" W | 112.8250 | 184 | 2,316,350.6156 | 668,446.3652 |
| 185-184                            | S 70°57'39.68" W | 54.9310  | 183 | 2,316,341.3368 | 668,333.9223 |
| 184-183                            | S 26°12'18.53" W | 7.8200   | 182 | 2,316,323.4176 | 668,281.9961 |
| 183-182                            | S 13°09'42.97" E | 37.7450  | 181 | 2,316,316.4012 | 668,278.5428 |
| 182-181                            | S 78°59'33.47" W | 77.0300  | 182 | 2,316,279.6477 | 668,287.1375 |
| 181-68                             | N 05°12'56.89" E | 11.6010  | 181 | 2,316,264.9400 | 668,211.5250 |
| <b>SUPERFICIE = 48,613.0347 m2</b> |                  |          |     |                |              |

## CUADRO DE CONSTRUCCIÓN POLÍGONO 3 TIERRA

| LADO<br>EST                       | RUMBO            | DISTANCIA | V   | COORDENADAS  |              |
|-----------------------------------|------------------|-----------|-----|--------------|--------------|
|                                   |                  |           |     | Y            | X            |
| G-A                               | N 57°56'09.01" E | 194.2150  | G   | 2,316,868.53 | 671,088.7028 |
| A-B                               | N 35°04'27.29" W | 28.5420   | A   | 2,316,971.63 | 671,253.2915 |
| B-C                               | S 57°31'39.68" W | 0.7720    | B   | 2,316,994.99 | 671,236.8902 |
| C-152                             | S 58°10'34.71" W | 136.5950  | C   | 2,316,994.57 | 671,236.2385 |
| 152-151                           | S 35°45'53.51" W | 56.6290   | 152 | 2,316,922.55 | 671,120.1769 |
| 151-150                           | S 68°26'44.64" W | 0.5790    | 151 | 2,316,876.60 | 671,087.0795 |
| 150-G                             | S 15°23'11.97" E | 8.1490    | 150 | 2,316,876.38 | 671,086.5407 |
| <b>SUPERFICIE = 4,952.7735 m2</b> |                  |           |     |              |              |

## CUADRO DE CONSTRUCCIÓN DEL POLÍGONO 4 TIERRA

| LADO<br>EST | RUMBO            | DISTANCIA | V   | COORDENADAS    |              |
|-------------|------------------|-----------|-----|----------------|--------------|
|             |                  |           |     | Y              | X            |
| 520-521     | N 57°31'39.68" E | 100.0930  | 520 | 2,317,011.5080 | 671,225.5962 |
| 521-522     | N 54°35'08.97" E | 139.8790  | 521 | 2,317,065.2469 | 671,310.0394 |
| 522-523     | N 55°12'58.96" E | 157.0570  | 522 | 2,317,146.3043 | 671,424.0385 |
| 523-524     | N 50°33'26.31" E | 657.3930  | 523 | 2,317,235.9021 | 671,553.0315 |
| 524-525     | N 40°17'38.18" E | 51.7450   | 524 | 2,317,653.5481 | 672,060.7104 |
| 525-526     | N 43°11'41.20" E | 100.2000  | 525 | 2,317,693.0160 | 672,094.1744 |
| 526-527     | N 46°48'47.93" E | 245.0460  | 526 | 2,317,766.0651 | 672,162.7596 |
| 527-528     | N 52°59'15.69" E | 109.4600  | 527 | 2,317,933.7690 | 672,341.4292 |
| 528-529     | N 59°29'46.05" E | 290.8680  | 528 | 2,317,999.6626 | 672,428.8339 |
| 529-530     | N 61°44'02.20" E | 189.7510  | 529 | 2,318,147.3064 | 672,679.4446 |
| 530-531     | N 65°33'01.34" E | 122.7020  | 530 | 2,318,237.1659 | 672,846.5690 |
| 531-532     | N 76°53'31.88" E | 84.3800   | 531 | 2,318,287.9516 | 672,958.2681 |
| 532-533     | S 19°04'31.50" E | 180.6200  | 532 | 2,318,307.0877 | 673,040.4496 |
| 533-534     | N 66°43'22.96" E | 50.0000   | 533 | 2,318,136.3856 | 673,099.4785 |
| 534-535     | N 09°24'12.65" W | 65.0000   | 534 | 2,318,156.1444 | 673,145.4088 |
| 535-536     | N 18°18'17.62" W | 95.0800   | 535 | 2,318,220.2710 | 673,134.7886 |
| 536-537     | N 14°00'48.17" W | 64.8200   | 536 | 2,318,310.5398 | 673,104.9265 |
| 537-538     | N 60°40'19.00" E | 65.0400   | 537 | 2,318,373.4307 | 673,089.2305 |
| 538-539     | N 63°56'00.23" E | 163.9900  | 538 | 2,318,405.2879 | 673,145.9343 |
| 539-540     | N 66°43'22.96" E | 299.9310  | 539 | 2,318,477.3477 | 673,293.2438 |
| 540-541     | S 23°27'13.79" E | 12.1520   | 540 | 2,318,595.8731 | 673,568.7616 |
| 541-542     | N 82°04'53.05" E | 105.3420  | 541 | 2,318,584.7250 | 673,573.5983 |
| 542-543     | N 66°14'07.53" E | 53.5470   | 542 | 2,318,599.2376 | 673,677.9362 |
| 543-544     | N 71°23'16.95" E | 79.4920   | 543 | 2,318,620.8162 | 673,726.9434 |
| 544-545     | N 61°42'22.07" E | 97.9310   | 544 | 2,318,646.1867 | 673,802.2783 |
| 545-546     | N 59°31'31.84" E | 72.6760   | 545 | 2,318,692.6053 | 673,888.5091 |
| 546-547     | N 71°40'24.25" E | 82.9040   | 546 | 2,318,729.4634 | 673,951.1455 |
| 547-548     | N 67°13'04.89" E | 48.6970   | 547 | 2,318,755.5312 | 674,029.8447 |
| 548-549     | N 70°41'23.66" E | 24.8370   | 548 | 2,318,774.3878 | 674,074.7424 |
| 549-550     | N 23°27'13.79" W | 10.8940   | 549 | 2,318,782.6010 | 674,098.1822 |
| 550-551     | N 69°28'14.48" E | 21.7860   | 550 | 2,318,792.5953 | 674,093.8461 |
| 551-552     | N 77°25'17.04" E | 38.6210   | 551 | 2,318,800.2353 | 674,114.2484 |
| 552-553     | N 65°02'52.69" E | 18.9580   | 552 | 2,318,808.6461 | 674,151.9424 |
| 553-554     | N 75°29'57.43" E | 83.0950   | 553 | 2,318,816.6436 | 674,169.1307 |
| 554-555     | N 74°42'41.01" E | 18.8400   | 554 | 2,318,837.4498 | 674,249.5782 |
| 555-556     | N 79°09'30.75" E | 32.9440   | 555 | 2,318,842.4177 | 674,267.7517 |
| 556-557     | N 88°09'43.52" E | 33.5190   | 556 | 2,318,848.6141 | 674,300.1075 |
| 557-558     | N 89°19'39.28" E | 142.2450  | 557 | 2,318,849.6892 | 674,333.6094 |
| 558-559     | N 78°38'18.99" E | 41.0640   | 558 | 2,318,851.3585 | 674,475.8442 |
| 559-560     | S 82°30'14.36" E | 34.3130   | 559 | 2,318,859.4480 | 674,516.1035 |
| 560-561     | N 55°01'47.50" E | 18.3290   | 560 | 2,318,854.9716 | 674,550.1230 |
| 561-562     | N 64°33'42.46" E | 21.1990   | 561 | 2,318,865.4771 | 674,565.1430 |
| 562-563     | N 47°03'19.86" E | 37.4320   | 562 | 2,318,874.5830 | 674,584.2870 |
| 563-564     | N 37°26'18.94" E | 53.0230   | 563 | 2,318,900.0849 | 674,611.6877 |
| 564-565     | N 51°46'24.86" E | 45.9440   | 564 | 2,318,942.1855 | 674,643.9209 |
| 565-566     | N 32°32'45.51" E | 35.4630   | 565 | 2,318,970.6142 | 674,680.0131 |
| 566-567     | N 56°15'28.76" E | 16.7150   | 566 | 2,319,000.5086 | 674,699.0917 |
| 567-568     | N 79°25'27.76" E | 20.7070   | 567 | 2,319,009.7927 | 674,712.9906 |
| 568-569     | N 89°54'50.71" E | 58.9640   | 568 | 2,319,013.5932 | 674,733.3459 |
| 569-570     | S 76°34'40.61" E | 106.5140  | 569 | 2,319,013.6816 | 674,792.3098 |
| 570-571     | S 58°25'19.79" E | 24.5850   | 570 | 2,318,988.9574 | 674,895.9144 |
| 571-572     | S 64°06'46.32" E | 74.4760   | 571 | 2,318,976.0833 | 674,916.8590 |
| 572-573     | S 53°52'28.83" E | 93.8970   | 572 | 2,318,943.5669 | 674,983.8621 |
| 573-574     | S 45°28'14.35" E | 114.1340  | 573 | 2,318,888.2096 | 675,059.7055 |

|         |                  |          |     |                |              |
|---------|------------------|----------|-----|----------------|--------------|
| 574-575 | S 53°18'15.58" E | 145.9100 | 574 | 2,318,808.1703 | 675,141.0707 |
| 575-576 | S 88°24'42.10" E | 46.8170  | 575 | 2,318,720.9797 | 675,258.0642 |
| 576-577 | N 37°11'19.58" E | 8.5330   | 576 | 2,318,719.6821 | 675,304.8637 |
| 577-578 | N 58°00'57.46" E | 34.1960  | 577 | 2,318,726.4796 | 675,310.0212 |
| 578-579 | N 70°02'45.53" E | 8.1020   | 578 | 2,318,744.5925 | 675,339.0259 |
| 579-580 | N 83°51'49.59" E | 43.5680  | 579 | 2,318,747.3573 | 675,346.6411 |
| 580-581 | N 70°20'42.77" E | 99.4080  | 580 | 2,318,752.0143 | 675,389.9592 |
| 581-582 | S 82°16'34.68" E | 73.6620  | 581 | 2,318,785.4504 | 675,483.5751 |
| 582-583 | N 82°41'45.37" E | 49.9710  | 582 | 2,318,775.5505 | 675,556.5688 |
| 583-584 | N 63°47'51.82" E | 90.4370  | 583 | 2,318,781.9035 | 675,606.1341 |
| 584-585 | N 72°02'58.79" E | 44.9640  | 584 | 2,318,821.8350 | 675,687.2775 |
| 585-586 | N 56°28'21.45" E | 32.7380  | 585 | 2,318,835.6925 | 675,730.0525 |
| 586-587 | N 45°28'26.41" E | 55.8590  | 586 | 2,318,853.7751 | 675,757.3440 |
| 587-588 | N 50°08'55.89" E | 33.6800  | 587 | 2,318,892.9453 | 675,797.1678 |
| 588-589 | N 44°02'01.38" E | 33.1630  | 588 | 2,318,914.5273 | 675,823.0243 |
| 589-357 | N 60°30'47.99" E | 35.5610  | 589 | 2,318,938.3689 | 675,846.0750 |
| 357-356 | S 13°14'25.67" W | 33.3670  | 357 | 2,318,955.8728 | 675,877.0298 |
| 356-355 | S 13°14'25.67" W | 31.0080  | 356 | 2,318,923.3930 | 675,869.3875 |
| 355-354 | S 73°42'56.58" W | 53.8350  | 355 | 2,318,893.2097 | 675,862.2856 |
| 354-353 | S 45°28'26.41" W | 56.9680  | 345 | 2,318,878.1142 | 675,810.6104 |
| 353-352 | S 56°28'21.45" W | 37.4000  | 353 | 2,318,838.1662 | 675,769.9959 |
| 352-351 | S 72°02'58.79" W | 46.2560  | 352 | 2,318,817.5091 | 675,738.8188 |
| 351-350 | S 63°47'51.82" W | 92.3220  | 351 | 2,318,803.2532 | 675,694.8139 |
| 350-349 | S 82°41'45.37" W | 55.9370  | 350 | 2,318,762.4890 | 675,611.9784 |
| 349-348 | N 82°16'34.68" W | 71.4280  | 349 | 2,318,755.3774 | 675,556.4949 |
| 348-347 | S 70°20'42.77" W | 96.9690  | 348 | 2,318,764.9771 | 675,485.7145 |
| 347-346 | S 84°12'59.62" W | 41.0180  | 347 | 2,318,732.3613 | 675,394.3951 |
| 346-345 | S 70°02'45.54" W | 5.9570   | 346 | 2,318,728.2280 | 675,353.5862 |
| 345-344 | S 58°00'57.46" W | 28.3110  | 344 | 2,318,726.1950 | 675,347.9866 |
| 344-343 | S 37°11'19.58" W | 15.2510  | 343 | 2,318,711.1990 | 675,323.9731 |
| 343-342 | N 88°24'42.10" W | 63.7140  | 343 | 2,318,699.0490 | 675,314.7545 |
| 342-341 | N 53°18'15.59" W | 153.7410 | 342 | 2,318,700.8150 | 675,251.0650 |
| 341-340 | N 45°28'14.35" W | 114.0320 | 341 | 2,318,792.6850 | 675,127.7925 |
| 340-339 | N 53°52'28.83" W | 90.5790  | 340 | 2,318,872.6530 | 675,046.4998 |
| 339-338 | N 64°02'14.01" W | 74.6540  | 339 | 2,318,926.0540 | 674,973.3367 |
| 338-337 | N 58°25'19.76" W | 21.3510  | 338 | 2,318,958.7365 | 674,906.2170 |
| 337-336 | N 76°34'40.61" W | 100.8520 | 337 | 2,318,969.9170 | 674,888.0276 |
| 336-335 | S 89°54'50.71" W | 54.6860  | 336 | 2,318,993.3270 | 674,789.9302 |
| 335-334 | S 79°25'27.76" W | 14.6680  | 335 | 2,318,993.2450 | 674,735.2446 |
| 334-333 | S 56°15'28.76" W | 8.6880   | 334 | 2,318,990.5530 | 674,720.8261 |
| 333-332 | S 32°12'16.86" W | 34.1550  | 333 | 2,318,985.7270 | 674,713.6013 |
| 332-331 | S 51°46'24.86" W | 46.9400  | 332 | 2,318,956.8270 | 674,695.3987 |
| 331-330 | S 37°26'19.13" W | 52.1760  | 331 | 2,318,927.7820 | 674,658.5241 |
| 330-329 | S 47°03'19.86" W | 42.2770  | 330 | 2,318,886.3540 | 674,626.8057 |
| 329-328 | S 64°33'42.46" W | 22.6360  | 329 | 2,318,857.5510 | 674,595.8582 |
| 328-327 | S 55°01'47.50" W | 24.5400  | 328 | 2,318,847.8280 | 674,575.4168 |
| 327-326 | N 82°30'14.36" W | 38.8400  | 327 | 2,318,833.7630 | 674,555.3076 |
| 326-325 | S 78°38'18.99" W | 39.5890  | 326 | 2,318,838.8300 | 674,516.7992 |
| 325-324 | S 89°07'02.14" W | 175.6450 | 325 | 2,318,831.0310 | 674,477.9855 |
| 324-323 | S 79°09'30.77" W | 31.3300  | 324 | 2,318,828.3250 | 674,302.3617 |
| 323-322 | S 75°19'41.13" W | 98.7590  | 323 | 2,318,822.4321 | 674,271.5910 |
| 322-321 | S 65°02'52.69" W | 19.3290  | 322 | 2,318,797.4180 | 674,176.0521 |
| 321-320 | S 77°25'17.04" W | 39.4160  | 321 | 2,318,789.2640 | 674,158.5275 |
| 320-319 | S 69°29'23.04" W | 19.5010  | 320 | 2,318,780.6800 | 674,120.0574 |
| 319-318 | S 69°29'23.04" W | 24.7680  | 319 | 2,318,773.8472 | 674,101.7924 |
| 318-317 | S 67°17'04.34" W | 49.0240  | 318 | 2,318,765.1690 | 674,078.5940 |
| 317-316 | S 71°40'24.25" W | 82.2740  | 317 | 2,318,746.2381 | 674,033.3724 |

|                                     |                  |          |     |                |              |
|-------------------------------------|------------------|----------|-----|----------------|--------------|
| 316-315                             | S 59°31'31.84" W | 71.8090  | 316 | 2,318,720.3684 | 673,955.2713 |
| 315-314                             | S 61°42'22.07" W | 98.9610  | 315 | 2,318,683.9503 | 673,893.3828 |
| 314-313                             | S 71°23'16.95" W | 79.9080  | 314 | 2,318,637.0435 | 673,806.2449 |
| 313-312                             | S 66°28'52.26" W | 54.8150  | 313 | 2,318,611.5403 | 673,730.5162 |
| 312-311                             | S 81°59'13.26" W | 103.5490 | 312 | 2,318,589.6663 | 673,680.2545 |
| 311-310                             | S 66°43'22.96" W | 299.4520 | 311 | 2,318,575.2319 | 673,577.7169 |
| 310-309                             | S 63°56'00.23" W | 162.8020 | 310 | 2,318,456.8956 | 673,302.6385 |
| 309-308                             | S 60°40'19.00" W | 47.2330  | 309 | 2,318,385.3580 | 673,156.3965 |
| 308-307                             | S 14°00'48.17" E | 46.8100  | 308 | 2,318,362.2231 | 673,115.2178 |
| 307-306                             | S 18°18'17.62" E | 95.9880  | 307 | 2,318,316.8061 | 673,126.5528 |
| 306-305                             | S 09°24'12.65" E | 84.3700  | 306 | 2,318,225.6750 | 673,156.7001 |
| 305-304                             | S 66°43'22.96" W | 92.3350  | 305 | 2,318,142.4384 | 673,170.4851 |
| 304-303                             | N 19°04'13.54" W | 185.0650 | 304 | 2,318,105.9498 | 673,085.6657 |
| 303-302                             | S 76°53'49.84" W | 61.8750  | 303 | 2,318,280.8584 | 673,025.1993 |
| 302-301                             | S 65°22'58.57" W | 119.1710 | 302 | 2,318,266.8314 | 672,964.9351 |
| 301-300                             | S 60°01'11.27" W | 188.9100 | 301 | 2,318,217.1905 | 672,856.5952 |
| 300-299                             | S 28°20'36.80" E | 175.6500 | 300 | 2,318,122.7920 | 672,692.9617 |
| 299-298                             | S 61°27'46.40" W | 164.6050 | 299 | 2,317,968.1992 | 672,776.3530 |
| 298-297                             | S 61°37'02.81" W | 157.8340 | 298 | 2,317,889.5628 | 672,631.7462 |
| 297-296                             | S 60°58'41.07" W | 51.0880  | 297 | 2,317,814.5352 | 672,492.8845 |
| 296-295                             | S 47°15'33.18" W | 41.6330  | 296 | 2,317,789.7502 | 672,448.2115 |
| 295-294                             | S 46°43'59.10" W | 61.9020  | 295 | 2,317,761.4944 | 672,417.6347 |
| 294-293                             | S 43°17'38.84" E | 155.5320 | 294 | 2,317,719.0670 | 672,372.5597 |
| 293-292                             | S 31°51'32.89" E | 4.7090   | 293 | 2,317,605.8643 | 672,479.2146 |
| 292-291                             | S 07°11'37.46" W | 2.2650   | 292 | 2,317,601.8645 | 672,481.7003 |
| 291-290                             | S 39°11'23.05" W | 3.2840   | 291 | 2,317,599.6176 | 672,481.4167 |
| 290-289                             | S 46°15'30.70" W | 633.5880 | 290 | 2,317,597.0721 | 672,479.3414 |
| 289-288                             | S 52°45'05.61" W | 13.8520  | 289 | 2,317,159.0062 | 672,021.5954 |
| 288-287                             | S 65°44'40.99" W | 5.8160   | 288 | 2,317,150.6217 | 672,010.5686 |
| 287-286                             | N 88°27'45.25" W | 5.5120   | 287 | 2,317,148.2326 | 672,005.2663 |
| 286-285                             | N 67°18'55.92" W | 5.6970   | 286 | 2,317,148.3805 | 671,999.7558 |
| 285-284                             | N 29°45'11.56" W | 57.0730  | 285 | 2,317,150.5775 | 671,994.4997 |
| 284-283                             | N 72°37'52.43" W | 9.4120   | 284 | 2,317,200.1269 | 671,966.1762 |
| 283-282                             | N 40°53'54.92" W | 6.2690   | 283 | 2,317,202.9365 | 671,957.1936 |
| 282-281                             | N 86°43'10.54" W | 13.4810  | 282 | 2,317,207.6751 | 671,953.0891 |
| 281-280                             | N 09°45'10.17" W | 19.4160  | 281 | 2,317,208.4465 | 671,939.6305 |
| 280-279                             | N 30°53'37.54" W | 229.2290 | 280 | 2,317,227.5817 | 671,936.3415 |
| 279-278                             | S 49°18'12.51" W | 121.0840 | 279 | 2,317,424.2875 | 671,818.6446 |
| 278-277                             | S 52°10'03.61" W | 201.6170 | 278 | 2,317,345.3346 | 671,726.8421 |
| 277-276                             | S 55°12'58.96" W | 160.7970 | 277 | 2,317,221.6723 | 671,567.6032 |
| 276-275                             | S 54°35'08.97" W | 140.2820 | 276 | 2,317,129.9408 | 671,435.5385 |
| 275-B                               | S 57°31'39.68" W | 99.9470  | 275 | 2,317,048.6496 | 671,321.2105 |
| B-520                               | N 34°21'36.57" W | 20.0110  | b   | 2,316,994.9889 | 671,236.8902 |
| <b>SUPERFICIE = 407,964.2566 m2</b> |                  |          |     |                |              |

## CUADRO DE CONSTRUCCIÓN DEL POLÍGONO 5 TIERRA

| LADO<br>EST                       | RUMBO            | DISTANCIA | V     | COORDENADAS    |              |
|-----------------------------------|------------------|-----------|-------|----------------|--------------|
|                                   |                  |           |       | Y              | X            |
| 594-595                           | N 52°53'11.69" W | 13.3900   | 594   | 2,319,257.1656 | 675,927.8218 |
| 595-596                           | N 00°00'00" E    | 23.7110   | 595   | 2,319,265.2449 | 675,917.1442 |
| 596-PM597                         | N 51°48'52.39" E | 121.1500  | 596   | 2,319,288.9563 | 675,917.1442 |
| PM597-ZF362                       | S 31°52'28.51" E | 25.7300   | 597   | 2,319,363.8526 | 676,012.3702 |
| ZF362-361                         | S 53°45'22.38" W | 87.0160   | ZF362 | 2,319,342.0022 | 676,025.9574 |
| 361-360                           | S 14°29'42.62" W | 34.4890   | 361   | 2,319,290.5567 | 675,955.7786 |
| 360-594                           | N 90°00'00" W    | 19.3240   | 360   | 2,319,257.1656 | 675,947.1461 |
| <b>SUPERFICIE = 3,558.6737 m2</b> |                  |           |       |                |              |

**CUADRO DE CONSTRUCCIÓN DEL POLÍGONO 6 TIERRA  
ZONA FEDERAL MARÍTIMA TERRESTRE**

| LADO<br>EST                        | RUMBO            | DISTANCIA | V     | COORDENADAS    |              |
|------------------------------------|------------------|-----------|-------|----------------|--------------|
|                                    |                  |           |       | Y              | X            |
| ZF362-PM597                        | N 31°52'28.51" W | 25.7300   | ZF362 | 2,319,342.0022 | 676,025.9574 |
| PM597-PM598                        | N 51°48'52.39" E | 617.4250  | PM597 | 2,319,363.8526 | 676,012.3702 |
| PM598-162                          | N 62°43'19.65" E | 63.2990   | PM598 | 2,319,745.5504 | 676,497.6751 |
| 162-163                            | N 62°43'19.65" E | 23.7290   | 162   | 2,319,774.5605 | 676,553.9346 |
| 163-164                            | S 15°11'29.56" E | 27.6360   | 163   | 2,319,785.4357 | 676,575.0249 |
| 164-165                            | S 52°57'56.23" W | 523.3130  | 164   | 2,319,758.7654 | 676,582.2668 |
| 165-ZF362                          | S 53°45'22.38" W | 171.8050  | 165   | 2,319,443.5772 | 676,164.5197 |
| <b>SUPERFICIE = 23,642.8502 m2</b> |                  |           |       |                |              |

**CUADRO DE CONSTRUCCIÓN POLÍGONO 7 TIERRA  
ZONA FEDERAL MARÍTIMA TERRESTRE**

| LADO<br>EST                        | RUMBO            | DISTANCIA | V     | COORDENADAS    |              |
|------------------------------------|------------------|-----------|-------|----------------|--------------|
|                                    |                  |           |       | Y              | X            |
| PM601-ZF369                        | N 31°52'28.51" W | 29.7380   | PM601 | 2,319,746.3549 | 675,774.5188 |
| ZF369-ZF368                        | N 60°49'39.40" E | 214.3200  | ZF369 | 2,319,771.6086 | 675,758.8153 |
| ZF368-ZF367                        | N 29°50'19.79" W | 12.8600   | ZF368 | 2,319,876.0763 | 675,945.9499 |
| ZF367-ZF366                        | N 58°58'38.46" E | 76.8140   | ZF367 | 2,319,887.2310 | 675,939.5515 |
| ZF366-ZF365                        | N 36°36'58.13" W | 30.2430   | ZF366 | 2,319,926.8194 | 676,005.3787 |
| ZF365-ZF364                        | N 60°21'02.85" E | 42.3100   | ZF365 | 2,319,951.0941 | 675,987.3401 |
| ZF364-ZF363                        | S 40°03'36.94" E | 42.8200   | ZF364 | 2,319,972.0245 | 676,024.1107 |
| ZF363-158                          | N 57°45'34.73" E | 229.0370  | ZF363 | 2,319,939.2516 | 676,051.6692 |
| 158-159                            | N 60°32'48.43" E | 343.9020  | 158   | 2,320,061.4362 | 676,245.3924 |
| 159-160                            | S 04°40'32.55" E | 36.1890   | 159   | 2,320,230.5373 | 676,544.8478 |
| 160-161                            | S 59°54'27.92" W | 32.0570   | 160   | 2,320,194.4692 | 676,547.7977 |
| 161-PM601                          | S 59°54'27.92" W | 861.6810  | 161   | 2,320,178.3962 | 676,520.0617 |
| <b>SUPERFICIE = 31,211.4575 m2</b> |                  |           |       |                |              |

**CUADRO DE CONSTRUCCIÓN DEL POLÍGONO 8 TIERRA**

| LADO<br>EST                       | RUMBO            | DISTANCIA | V     | COORDENADAS    |              |
|-----------------------------------|------------------|-----------|-------|----------------|--------------|
|                                   |                  |           |       | Y              | X            |
| 376-375                           | S 66°45'19.89" E | 24.4770   | 376   | 2,319,670.5658 | 675,520.5409 |
| 375-374                           | N 75°55'46.35" E | 30.5150   | 375   | 2,319,660.9058 | 675,543.0311 |
| 374-373                           | S 89°38'52.58" E | 41.7190   | 374   | 2,319,668.3246 | 675,572.6310 |
| 373-372                           | N 35°13'34.37" E | 44.9670   | 373   | 2,319,668.0682 | 675,614.3495 |
| 372-371                           | N 59°38'45.29" E | 16.8600   | 372   | 2,319,704.8009 | 675,640.2867 |
| 371-370                           | N 60°18'23.69" E | 23.1450   | 371   | 2,319,713.3212 | 675,654.8359 |
| 370-ZF369                         | N 60°49'39.40"E  | 96.0580   | 370   | 2,319,724.7864 | 675,674.9419 |
| ZF369-PM601                       | S 31°52'28.51" E | 29.7380   | ZF369 | 2,319,771.6086 | 675,758.8153 |
| PM601-602                         | S 59°54'27.92" W | 161.7200  | PM601 | 2,319,746.3549 | 675,774.5188 |
| 602-603                           | S 50°00'22.62"W  | 17.4700   | 602   | 2,319,665.2693 | 675,634.5952 |
| 603-604                           | S 83°50'35.31" W | 20.6560   | 603   | 2,319,654.0413 | 675,621.2112 |
| 604-605                           | N 58°35'39.53"W  | 15.3320   | 604   | 2,319,651.8260 | 675,600.6746 |
| 605-606                           | S 84°06'25.70"W  | 13.2900   | 605   | 2,319,659.8153 | 675,587.5889 |
| 606-607                           | S 75°55'46.35" W | 35.7420   | 606   | 2,319,658.4508 | 675,574.3688 |
| 607-376                           | N 42°38'31.21" W | 28.2820   | 607   | 2,319,649.7615 | 675,539.6996 |
| <b>SUPERFICIE = 6,152.9940 m2</b> |                  |           |       |                |              |

## CUADRO DE CONSTRUCCIÓN DEL POLÍGONO 9 TIERRA

| LADO<br>EST | RUMBO            | DISTANCIA | V     | COORDENADAS    |              |
|-------------|------------------|-----------|-------|----------------|--------------|
|             |                  |           |       | Y              | X            |
| ZF436-435   | S 45°40'54.66" E | 20.6190   | ZF436 | 2,319,497.4740 | 674,157.4460 |
| 435-434     | S 33°09'29.62" E | 90.4760   | 435   | 2,319,483.0690 | 674,172.1980 |
| 434-433     | S 45°54'15.43" E | 10.3500   | 434   | 2,319,407.3260 | 674,221.6840 |
| 433-432     | S 33°17'53.17" E | 13.5410   | 433   | 2,319,400.1240 | 674,229.1170 |
| 432-431     | S 16°15'03.24" E | 17.9810   | 432   | 2,319,388.8060 | 674,236.5510 |
| 431-430     | S 34°49'56.31" E | 12.8140   | 431   | 2,319,371.5430 | 674,241.5830 |
| 430-429     | S 62°23'00.56" E | 32.9740   | 430   | 2,319,361.0250 | 674,248.9020 |
| 429-428     | N 79°40'07.33" E | 19.7610   | 429   | 2,319,345.7400 | 674,278.1190 |
| 428-427     | N 88°48'27.74" E | 21.9630   | 428   | 2,319,349.2840 | 674,297.5600 |
| 427-426     | N 50°34'20.48" E | 25.0210   | 427   | 2,319,349.7410 | 674,319.5180 |
| 426-425     | N 61°30'36.22" E | 34.8300   | 426   | 2,319,365.6320 | 674,338.8450 |
| 425-424     | N 79°38'41.97" E | 33.7140   | 425   | 2,319,382.2460 | 674,369.4570 |
| 424-423     | S 87°23'30.26" E | 22.3700   | 424   | 2,319,388.3060 | 674,402.6220 |
| 423-422     | N 60°40'07.25" E | 20.0710   | 423   | 2,319,387.2880 | 674,424.9690 |
| 422-421     | S 65°42'59.41" E | 50.8890   | 422   | 2,319,397.1200 | 674,442.4670 |
| 421-420     | N 68°00'52.00" E | 6.4130    | 421   | 2,319,376.1920 | 674,488.8530 |
| 420-419     | N 31°17'47.46" E | 17.3930   | 420   | 2,319,378.5930 | 674,494.8000 |
| 419-418     | N 17°39'26.01" E | 22.3660   | 419   | 2,319,393.4550 | 674,503.8350 |
| 418-417     | N 74°59'14.32" E | 48.5460   | 418   | 2,319,414.7670 | 674,510.6190 |
| 417-416     | N 18°44'02.05" E | 8.7270    | 417   | 2,319,427.3420 | 674,557.5080 |
| 416-415     | N 80°12'39.42" E | 22.8620   | 416   | 2,319,435.6070 | 674,560.3110 |
| 415-414     | N 76°49'58.51" E | 20.8170   | 415   | 2,319,439.4940 | 674,582.8400 |
| 414-413     | S 74°08'11.75" E | 16.6050   | 414   | 2,319,444.2360 | 674,603.1100 |
| 413-412     | N 17°49'26.85" E | 12.2800   | 413   | 2,319,439.6970 | 674,619.0830 |
| 412-411     | S 76°04'42.51" E | 18.5330   | 412   | 2,319,451.3880 | 674,622.8420 |
| 411-410     | N 31°06'59.10" E | 3.6690    | 411   | 2,319,446.9290 | 674,640.8310 |
| 410-409     | N 75°01'35.41" E | 6.2270    | 410   | 2,319,450.0700 | 674,642.7270 |
| 409-408     | S 73°33'20.72" E | 45.5540   | 409   | 2,319,451.6790 | 674,648.7430 |
| 408-407     | N 85°04'09.37" E | 31.8970   | 408   | 2,319,438.7834 | 674,692.4339 |
| 407-406     | N 76°59'29.94" E | 14.6960   | 407   | 2,319,441.5250 | 674,724.2130 |
| 406-405     | S 75°13'42.60" E | 15.9710   | 406   | 2,319,444.8330 | 674,738.5320 |
| 405-404     | S 49°33'43.61" E | 9.1660    | 405   | 2,319,440.7610 | 674,753.9750 |
| 404-403     | N 72°15'12.12" E | 36.6950   | 404   | 2,319,434.8160 | 674,760.9510 |
| 403-402     | S 86°48'55.58" E | 38.9720   | 403   | 2,319,446.0010 | 674,795.9000 |
| 402-401     | N 76°17'05.49" E | 5.4270    | 402   | 2,319,443.8360 | 674,834.8120 |
| 401-400     | N 75°48'12.93" E | 43.3290   | 401   | 2,319,445.1227 | 674,840.0842 |
| 400-399     | N 87°59'45.67" E | 4.1470    | 400   | 2,319,455.7490 | 674,882.0900 |
| 399-398     | N 87°59'45.67" E | 4.1470    | 399   | 2,319,455.8940 | 674,886.2340 |
| 398-397     | N 34°15'59.57" E | 27.7310   | 398   | 2,319,456.0390 | 674,890.3780 |
| 397-396     | N 56°03'29.43" E | 80.9830   | 397   | 2,319,478.9570 | 674,905.9920 |
| 396-395     | N 63°29'14.45" E | 51.8350   | 396   | 2,319,524.1740 | 674,973.1760 |
| 395-394     | N 40°53'49.01" E | 14.7350   | 395   | 2,319,547.3130 | 675,019.5600 |
| 394-393     | N 63°05'37.57" E | 16.6730   | 394   | 2,319,558.4510 | 675,029.2070 |
| 393-392     | N 74°31'07.90" E | 9.8490    | 393   | 2,319,565.9960 | 675,044.0750 |
| 392-391     | S 66°38'19.92" E | 10.0900   | 392   | 2,319,568.6250 | 675,053.5670 |
| 391-390     | N 82°37'09.71" E | 6.2280    | 391   | 2,319,564.6240 | 675,062.8300 |
| 390-389     | N 61°27'32.87" E | 51.9100   | 390   | 2,319,565.4240 | 675,069.0060 |
| 389-388     | N 49°00'52.48" E | 19.4630   | 389   | 2,319,590.2260 | 675,114.6080 |
| 388-387     | N 81°52'22.42" E | 8.1130    | 388   | 2,319,602.9910 | 675,129.3000 |
| 387-386     | N 68°15'33.60" E | 20.4940   | 387   | 2,319,604.1380 | 675,137.3320 |
| 386-385     | N 69°05'55.37" E | 14.1020   | 386   | 2,319,611.7290 | 675,156.3680 |
| 385-384     | N 66°12'26.42" E | 8.0670    | 385   | 2,319,616.7600 | 675,169.5420 |

|         |                  |          |     |                |              |
|---------|------------------|----------|-----|----------------|--------------|
| 384-383 | N 26°19'40.53" W | 14.0580  | 384 | 2,319,620.0145 | 675,176.9235 |
| 383-382 | N 65°19'08.69" E | 100.5570 | 383 | 2,319,632.6146 | 675,170.6885 |
| 382-381 | N 88°29'23.09" E | 18.7870  | 382 | 2,319,674.6036 | 675,262.0592 |
| 381-380 | N 84°16'49.71" E | 30.1290  | 381 | 2,319,675.0987 | 675,280.8397 |
| 380-379 | N 89°10'39.39" E | 50.5260  | 380 | 2,319,678.1014 | 675,310.8187 |
| 379-378 | S 87°55'09.32" E | 71.7620  | 379 | 2,319,678.8265 | 675,361.3393 |
| 378-377 | S 47°32'17.05" E | 17.9770  | 378 | 2,319,676.2210 | 675,433.0544 |
| 377-610 | N 81°20'11.68" W | 14.2040  | 377 | 2,319,664.0849 | 675,446.3163 |
| 610-611 | N 87°55'51.82" W | 71.0540  | 610 | 2,319,666.2245 | 675,432.2740 |
| 611-612 | S 85°29'22.36" W | 8.5920   | 611 | 2,319,668.7897 | 675,361.2660 |
| 612-613 | S 89°48'20.08" W | 41.8470  | 612 | 2,319,668.1140 | 675,352.7004 |
| 613-614 | S 80°38'03.98" W | 29.9240  | 613 | 2,319,667.9720 | 675,310.8535 |
| 614-615 | S 66°03'09.20" W | 14.1150  | 614 | 2,319,663.1023 | 675,281.3279 |
| 615-616 | N 86°25'34.44" W | 18.3820  | 615 | 2,319,657.3732 | 675,268.4283 |
| 616-617 | S 71°17'28.90" W | 54.4770  | 616 | 2,319,658.5190 | 675,250.0823 |
| 617-618 | S 38°18'46.13" W | 22.3000  | 617 | 2,319,641.0453 | 675,198.4841 |
| 618-619 | S 22°17'59.49" W | 13.7680  | 618 | 2,319,623.5475 | 675,184.6588 |
| 619-620 | S 45°13'25.10" W | 30.4660  | 619 | 2,319,610.8094 | 675,179.4346 |
| 620-621 | S 75°23'01.49" W | 22.4260  | 620 | 2,319,589.3510 | 675,157.8080 |
| 621-622 | S 55°53'43.62" W | 6.9390   | 621 | 2,319,583.6920 | 675,136.1080 |
| 622-623 | S 38°56'11.44" W | 8.6020   | 622 | 2,319,579.8010 | 675,130.3620 |
| 623-624 | S 58°50'41.98" W | 29.1830  | 623 | 2,319,573.1100 | 675,124.9560 |
| 624-625 | S 82°09'13.31" W | 5.0250   | 624 | 2,319,558.0120 | 675,099.9820 |
| 625-626 | S 60°35'57.09" W | 22.6170  | 625 | 2,319,557.3260 | 675,095.0040 |
| 626-627 | S 82°29'24.70" W | 15.7540  | 626 | 2,319,546.2230 | 675,075.3000 |
| 627-628 | N 66°10'02.29" W | 8.0680   | 627 | 2,319,544.1640 | 675,059.6810 |
| 628-629 | S 73°01'04.42" W | 6.4610   | 628 | 2,319,547.4240 | 675,052.3010 |
| 629-630 | S 56°05'33.66" W | 5.9980   | 629 | 2,319,545.5370 | 675,046.1220 |
| 630-631 | S 38°33'51.21" W | 15.2950  | 630 | 2,319,542.1910 | 675,041.1440 |
| 631-632 | S 70°33'44.51" W | 29.0210  | 631 | 2,319,530.2318 | 675,031.6093 |
| 632-633 | S 63°43'50.94" W | 9.4400   | 632 | 2,319,520.5740 | 675,004.2420 |
| 633-634 | S 53°03'06.91" W | 21.6920  | 633 | 2,319,516.3960 | 674,995.7770 |
| 634-635 | S 60°22'29.81" W | 16.4870  | 634 | 2,319,503.3570 | 674,978.4410 |
| 635-636 | S 53°41'09.15" W | 28.9690  | 635 | 2,319,495.2070 | 674,964.1090 |
| 636-637 | S 59°46'34.22" W | 16.1890  | 636 | 2,319,478.0510 | 674,940.7660 |
| 637-638 | S 52°59'36.98" W | 8.2270   | 637 | 2,319,469.9020 | 674,926.7780 |
| 638-639 | S 41°33'45.43" W | 9.0570   | 638 | 2,319,464.9500 | 674,920.2080 |
| 639-640 | S 28°08'13.73" W | 25.5120  | 639 | 2,319,458.1730 | 674,914.1990 |
| 640-641 | N 88°16'43.44" W | 15.0090  | 640 | 2,319,435.6762 | 674,902.1681 |
| 641-642 | S 84°34'58.90" W | 10.0000  | 641 | 2,319,436.1270 | 674,887.1660 |
| 642-643 | S 69°40'35.12" W | 18.0290  | 642 | 2,319,435.1830 | 674,877.2110 |
| 643-644 | S 58°03'10.86" W | 14.3210  | 643 | 2,319,428.9210 | 674,860.3040 |
| 644-645 | N 71°49'02.02" W | 8.8880   | 644 | 2,319,421.3434 | 674,848.1524 |
| 645-646 | S 88°01'15.97" W | 19.4390  | 645 | 2,319,424.1170 | 674,839.7080 |
| 646-647 | N 62°47'00.96" W | 3.5120   | 646 | 2,319,423.4457 | 674,820.2803 |
| 647-648 | N 80°49'12.20" W | 8.6060   | 647 | 2,319,425.0520 | 674,817.1570 |
| 648-649 | N 88°43'02.90" W | 7.6400   | 648 | 2,319,426.4250 | 674,808.6610 |
| 649-650 | S 75°35'59.92" W | 12.7590  | 649 | 2,319,426.5960 | 674,801.0230 |
| 650-651 | S 70°37'50.63" W | 21.4680  | 650 | 2,319,423.4230 | 674,788.6650 |
| 651-652 | S 66°10'12.62" W | 12.3110  | 651 | 2,319,416.3030 | 674,768.4120 |
| 652-653 | N 47°52'37.11" W | 16.7520  | 652 | 2,319,411.3289 | 674,757.1502 |
| 653-654 | N 74°44'14.77" W | 6.0740   | 653 | 2,319,422.5650 | 674,744.7250 |
| 654-655 | N 76°16'53.71" W | 16.0030  | 654 | 2,319,424.1640 | 674,738.8650 |
| 655-656 | N 84°12'44.25" W | 18.1870  | 655 | 2,319,427.9590 | 674,723.3190 |
| 656-657 | N 63°08'55.04" W | 3.4010   | 656 | 2,319,429.7930 | 674,705.2250 |

|                                    |                  |         |     |                |              |
|------------------------------------|------------------|---------|-----|----------------|--------------|
| 657-658                            | S 68°45'32.95" W | 3.3790  | 657 | 2,319,431.3290 | 674,702.1910 |
| 658-659                            | S 16°24'56.99" W | 13.6510 | 658 | 2,319,430.1050 | 674,699.0420 |
| 659-660                            | N 73°49'04.45" W | 59.4170 | 659 | 2,319,417.0100 | 674,695.1840 |
| 660-661                            | S 17°49'14.53" W | 19.3210 | 660 | 2,319,433.5690 | 674,638.1210 |
| 661-662                            | N 74°08'07.52" W | 35.9340 | 661 | 2,319,415.1750 | 674,632.2080 |
| 662-663                            | S 63°46'09.22" W | 14.0280 | 662 | 2,319,424.9980 | 674,597.6430 |
| 663-664                            | S 82°13'09.49" W | 10.1340 | 663 | 2,319,418.7980 | 674,585.0600 |
| 664-665                            | S 27°09'48.48" W | 10.6710 | 664 | 2,319,417.4260 | 674,575.0190 |
| 665-666                            | S 86°11'34.14" W | 27.0620 | 665 | 2,319,407.9319 | 674,570.1473 |
| 666-667                            | S 59°49'08.75" W | 5.4600  | 666 | 2,319,406.1350 | 674,543.1450 |
| 667-668                            | S 75°09'31.13" W | 11.7200 | 667 | 2,319,403.3900 | 674,538.4250 |
| 668-669                            | S 17°44'49.54" W | 4.5040  | 668 | 2,319,400.3880 | 674,527.0960 |
| 669-670                            | S 15°19'59.83" E | 20.9030 | 669 | 2,319,396.0980 | 674,525.7230 |
| 670-671                            | S 88°22'10.86" W | 15.0590 | 670 | 2,319,375.9394 | 674,531.2503 |
| 671-672                            | S 15°56'36.95" W | 4.3720  | 671 | 2,319,375.5110 | 674,516.1970 |
| 672-673                            | S 33°42'33.69" W | 24.7270 | 672 | 2,319,371.3070 | 674,514.9960 |
| 673-674                            | N 70°19'42.89" W | 51.8210 | 673 | 2,319,350.7371 | 674,501.2727 |
| 674-675                            | N 36°02'27.93" W | 6.9910  | 674 | 2,319,368.1814 | 674,452.4760 |
| 675-676                            | N 70°12'21.07" W | 2.2800  | 675 | 2,319,373.8340 | 674,448.3630 |
| 676-677                            | S 41°59'53.80" W | 11.5660 | 676 | 2,319,374.6060 | 674,446.2180 |
| 677-678                            | N 81°45'58.73" W | 10.3040 | 677 | 2,319,366.0103 | 674,438.4789 |
| 678-679                            | S 87°09'23.36" W | 12.1150 | 678 | 2,319,367.4860 | 674,428.2810 |
| 679-680                            | N 80°57'19.73" W | 9.4460  | 679 | 2,319,366.8850 | 674,416.1810 |
| 680-681                            | S 86°53'14.42" W | 12.6340 | 680 | 2,319,368.3700 | 674,406.8520 |
| 681-682                            | S 77°54'43.23" W | 15.9730 | 681 | 2,319,367.6840 | 674,394.2370 |
| 682-683                            | S 63°26'35.86" W | 9.2110  | 682 | 2,319,364.3390 | 674,378.6180 |
| 683-684                            | S 55°34'25.91" W | 10.9240 | 683 | 2,319,360.2210 | 674,370.3790 |
| 684-685                            | S 71°24'12.34" W | 9.4170  | 684 | 2,319,354.0450 | 674,361.3680 |
| 685-686                            | S 48°09'11.73" W | 25.7100 | 685 | 2,319,351.0420 | 674,352.4430 |
| 686-687                            | S 67°23'17.80" W | 14.2540 | 686 | 2,319,333.8900 | 674,333.2910 |
| 687-688                            | N 84°27'54.37" W | 17.1220 | 687 | 2,319,328.4095 | 674,320.1326 |
| 688-689                            | S 72°48'45.81" W | 3.2390  | 688 | 2,319,330.0610 | 674,303.0900 |
| 689-690                            | S 53°14'48.63" W | 6.0840  | 689 | 2,319,329.1040 | 674,299.9960 |
| 690-691                            | S 84°47'50.71" W | 23.4360 | 690 | 2,319,325.4637 | 674,295.1216 |
| 691-692                            | N 43°50'13.75" W | 10.9670 | 691 | 2,319,323.3385 | 674,271.7817 |
| 692-693                            | N 60°27'01.82" W | 8.2200  | 692 | 2,319,331.2490 | 674,264.1860 |
| 693-694                            | N 80°11'34.63" W | 2.9240  | 693 | 2,319,335.3030 | 674,257.0350 |
| 694-695                            | N 88°43'34.21" W | 7.5160  | 694 | 2,319,335.8010 | 674,254.1540 |
| 695-696                            | N 54°19'11.40" W | 9.4060  | 695 | 2,319,335.9681 | 674,246.6400 |
| 696-697                            | N 42°57'10.60" W | 5.2660  | 696 | 2,319,341.4540 | 674,239.0000 |
| 697-698                            | N 34°45'23.47" W | 14.2310 | 697 | 2,319,345.3080 | 674,235.4120 |
| 698-699                            | N 32°25'18.30" W | 18.6310 | 698 | 2,319,357.0000 | 674,227.2990 |
| 699-700                            | N 05°07'19.56" E | 7.8170  | 699 | 2,319,372.7267 | 674,217.3102 |
| 700-701                            | N 16°46'24.99" W | 3.4690  | 700 | 2,319,380.5120 | 674,218.0080 |
| 701-702                            | N 42°57'11.25" W | 4.9300  | 701 | 2,319,383.8330 | 674,217.0070 |
| 702-703                            | N 59°55'38.98" W | 5.9870  | 702 | 2,319,387.4410 | 674,213.6480 |
| 703-704                            | N 32°23'14.09" W | 38.2660 | 703 | 2,319,390.4410 | 674,208.4670 |
| 704-705                            | N 33°23'59.00" W | 25.2420 | 704 | 2,319,422.7550 | 674,187.9700 |
| 705-706                            | N 31°59'08.96" W | 6.3960  | 705 | 2,319,443.8284 | 674,174.0748 |
| 706-707                            | N 39°02'51.07" W | 9.4160  | 706 | 2,319,449.2530 | 674,170.6870 |
| 707-708                            | N 35°39'38.40" W | 5.6860  | 707 | 2,319,456.5660 | 674,164.7550 |
| 708-709                            | N 32°20'31.04" W | 19.3750 | 708 | 2,319,461.1860 | 674,161.4400 |
| 709-710                            | N 62°09'05.65" W | 7.7680  | 709 | 2,319,477.5551 | 674,151.0751 |
| 710-ZF436                          | N 39°06'00.29" E | 20.9920 | 710 | 2,319,481.1836 | 674,144.2071 |
| <b>SUPERFICIE = 27,292.8550 m2</b> |                  |         |     |                |              |

**CUADRO DE CONSTRUCCIÓN DEL POLÍGONO 10 TIERRA  
ZONA FEDERAL MARÍTIMA TERRESTRE**

| LADO<br>EST                       | RUMBO            | DISTANCIA | V     | COORDENADAS    |              |
|-----------------------------------|------------------|-----------|-------|----------------|--------------|
|                                   |                  |           |       | Y              | X            |
| ZF444-ZF443                       | S 71°37'45.00" E | 68.9510   | ZF444 | 2,319,628.9390 | 674,017.0840 |
| ZF443-ZF442                       | S 46°38'11.68" E | 26.0220   | ZF443 | 2,319,607.2080 | 674,082.5210 |
| ZF442-ZF441                       | S 35°50'28.51" E | 8.6010    | ZF442 | 2,319,589.3410 | 674,101.4390 |
| ZF441-ZF440                       | N 79°31'11.70" E | 23.8050   | ZF441 | 2,319,582.3690 | 674,106.4750 |
| ZF440-ZF439                       | S 43°44'29.02" E | 17.2230   | ZF440 | 2,319,586.6990 | 674,129.8830 |
| ZF439-ZF438                       | S 04°15'21.49" E | 45.8410   | ZF439 | 2,319,574.2560 | 674,141.7910 |
| ZF438-ZF437                       | S 01°48'14.61" W | 14.0400   | ZF438 | 2,319,528.5410 | 674,145.1930 |
| ZF437-ZF436                       | S 36°41'46.36" E | 21.2440   | ZF437 | 2,319,514.5080 | 674,144.7510 |
| ZF436-PM710                       | S 39°06'00.29" W | 20.9920   | ZF436 | 2,319,497.4740 | 674,157.4460 |
| PM710-PM711                       | N 33°38'13.92" W | 15.7670   | PM710 | 2,319,481.1836 | 674,144.2071 |
| PM711-PM712                       | N 48°43'08.38" W | 8.5030    | PM711 | 2,319,494.3110 | 674,135.4730 |
| PM712-PM713                       | N 24°50'43.92" W | 7.9590    | PM712 | 2,319,499.9210 | 674,129.0830 |
| PM713-PM714                       | N 09°24'14.79" W | 6.6340    | PM713 | 2,319,507.1430 | 674,125.7390 |
| PM714-PM715                       | N 03°34'41.10" W | 4.0860    | PM714 | 2,319,513.6880 | 674,124.6550 |
| PM715-PM716                       | N 04°34'19.83" E | 12.9500   | PM715 | 2,319,517.7660 | 674,124.4000 |
| PM716-PM717                       | N 03°57'41.35" E | 3.1080    | PM716 | 2,319,530.6747 | 674,125.4323 |
| PM717-PM718                       | N 02°07'14.40" W | 9.8910    | PM717 | 2,319,533.7750 | 674,125.6470 |
| PM718-PM719                       | N 15°03'25.59" E | 9.1620    | PM718 | 2,319,543.6590 | 674,125.2810 |
| PM719-PM720                       | N 12°08'58.25" W | 10.1590   | PM719 | 2,319,552.5060 | 674,127.6610 |
| PM720-PM721                       | N 44°02'03.96" W | 3.7760    | PM720 | 2,319,562.4370 | 674,125.5230 |
| PM721-PM722                       | S 74°42'08.84" W | 4.7380    | PM721 | 2,319,565.1520 | 674,122.8980 |
| PM722-PM723                       | S 48°48'53.94" W | 18.5110   | PM722 | 2,319,563.9020 | 674,118.3280 |
| PM723-PM724                       | N 36°29'32.08" W | 36.5480   | PM723 | 2,319,551.7125 | 674,104.3967 |
| PM724-PM725                       | N 48°32'42.83" W | 13.8940   | PM724 | 2,319,581.0950 | 674,082.6610 |
| PM725-PM726                       | N 67°57'47.25" W | 37.0970   | PM725 | 2,319,590.2930 | 674,072.2480 |
| PM726-PM727                       | N 72°54'15.04" W | 16.4680   | PM726 | 2,319,604.2120 | 674,037.8610 |
| PM727-PM728                       | S 88°38'13.72" W | 5.1630    | PM727 | 2,319,609.0530 | 674,022.1210 |
| PM728-PM445                       | S 68°26'50.15" W | 14.7650   | PM728 | 2,319,608.9302 | 674,016.9590 |
| PM445-ZF444                       | N 28°35'06.72" E | 28.9630   | PM445 | 2,319,603.5060 | 674,003.2260 |
| <b>SUPERFICIE = 4,408.6604 m2</b> |                  |           |       |                |              |

**CUADRO DE CONSTRUCCIÓN DEL POLÍGONO 11 TIERRA  
ZONA FEDERAL MARÍTIMA TERRESTRE**

| LADO<br>EST                       | RUMBO            | DISTANCIA | V     | COORDENADAS  |              |
|-----------------------------------|------------------|-----------|-------|--------------|--------------|
|                                   |                  |           |       | Y            | X            |
| PM736-ZF453                       | S 45°05'08.94" W | 35.6620   | PM736 | 2,319,413.12 | 674,044.3678 |
| ZF453-ZF452                       | N 47°57'29.68" W | 24.9460   | ZF453 | 2,319,387.94 | 674,019.1130 |
| ZF452-ZF451                       | N 52°42'34.84" W | 11.8020   | ZF452 | 2,319,404.64 | 674,000.5865 |
| ZF451-ZF450                       | N 53°13'24.18" W | 48.2880   | ZF451 | 2,319,411.79 | 673,991.1971 |
| ZF450-ZF449                       | N 56°56'16.41" W | 37.1200   | ZF450 | 2,319,440.70 | 673,952.5193 |
| ZF449-ZF448                       | N 31°19'50.55" E | 6.4430    | ZF449 | 2,319,460.95 | 673,921.4098 |
| ZF448-PM447                       | N 27°20'57.72" E | 10.7670   | ZF448 | 2,319,466.46 | 673,924.7599 |
| PM447-PM732                       | S 57°36'48.47" E | 30.7560   | PM447 | 2,319,476.02 | 673,929.7063 |
| PM732-PM733                       | S 49°39'58.88" E | 39.8180   | PM732 | 2,319,459.55 | 673,955.6781 |
| PM733-PM734                       | S 53°45'58.91" E | 32.9630   | PM733 | 2,319,433.77 | 673,986.0307 |
| PM734-PM735                       | N 72°34'48.82" E | 9.3440    | PM734 | 2,319,414.29 | 674,012.6194 |
| PM735-PM736                       | S 80°07'50.71" E | 23.1760   | PM735 | 2,319,417.09 | 674,021.5349 |
| <b>SUPERFICIE = 2,248.0783 m2</b> |                  |           |       |              |              |

## CUADRO DE CONSTRUCCIÓN DEL POLÍGONO 12 TIERRA

| LADO<br>EST                       | RUMBO            | DISTANCIA | V     | COORDENADAS  |              |
|-----------------------------------|------------------|-----------|-------|--------------|--------------|
|                                   |                  |           |       | Y            | X            |
| 465-464                           | N 46°11'21.99" W | 27.3790   | 465   | 2,319,177.63 | 673,947.3787 |
| 464-463                           | N 11°26'28.89" E | 29.4500   | 464   | 2,319,196.58 | 673,927.6209 |
| 463-462                           | N 16°28'58.66" E | 33.0050   | 463   | 2,319,225.45 | 673,933.4627 |
| 462-461                           | N 54°42'01.58" W | 8.8170    | 462   | 2,319,257.10 | 673,942.8273 |
| 461-460                           | N 13°21'28.72" E | 30.4630   | 461   | 2,319,262.19 | 673,935.6318 |
| 460-459                           | N 51°54'44.69" E | 7.9970    | 460   | 2,319,291.83 | 673,942.6697 |
| 459-458                           | N 26°10'30.45" E | 23.0180   | 459   | 2,319,296.76 | 673,948.9636 |
| 458-457                           | N 02°24'27.86" W | 5.8020    | 458   | 2,319,317.42 | 673,959.1170 |
| 457-456                           | N 35°23'55.55" E | 7.5660    | 457   | 2,319,323.22 | 673,958.8733 |
| 456-455                           | N 42°44'16.19" E | 18.8820   | 456   | 2,319,329.38 | 673,963.2559 |
| 455-454                           | N 42°20'06.58" E | 17.7010   | 455   | 2,319,343.25 | 673,976.0702 |
| 454-ZF453                         | N 44°33'47.11" E | 44.3530   | 454   | 2,319,356.34 | 673,987.9909 |
| ZF453-PM736                       | N 45°05'08.94" E | 35.6620   | ZF453 | 2,319,387.94 | 674,019.1130 |
| PM736-737                         | S 01°32'46.10" E | 9.7730    | PM736 | 2,319,413.12 | 674,044.3678 |
| 737-738                           | S 33°26'13.39" W | 11.1460   | 737   | 2,319,403.35 | 674,044.6315 |
| 738-739                           | S 48°09'36.68" W | 25.0710   | 738   | 2,319,394.04 | 674,038.4897 |
| 739-740                           | S 41°23'10.15" W | 36.8650   | 739   | 2,319,377.32 | 674,019.8118 |
| 740-741                           | S 41°54'32.67" W | 39.5700   | 740   | 2,319,349.66 | 673,995.4389 |
| 741-742                           | S 02°24'27.86" E | 4.9250    | 741   | 2,319,320.21 | 673,969.0083 |
| 742-743                           | S 26°10'30.45" W | 27.8500   | 742   | 2,319,315.29 | 673,969.2152 |
| 743-744                           | S 51°54'44.69" W | 6.7840    | 743   | 2,319,290.30 | 673,956.9303 |
| 744-745                           | S 13°21'28.72" W | 19.0380   | 744   | 2,319,286.12 | 673,951.5911 |
| 745-746                           | S 63°27'05.73" E | 8.9300    | 745   | 2,319,267.59 | 673,947.1927 |
| 746-747                           | S 14°39'02.79" W | 66.4110   | 746   | 2,319,263.60 | 673,955.1809 |
| 747-748                           | S 40°17'21.99" E | 22.1080   | 747   | 2,319,199.35 | 673,938.3839 |
| 748-465                           | S 47°29'42.39" W | 7.1910    | 748   | 2,319,182.49 | 673,952.6801 |
| <b>SUPERFICIE = 2,716.1977 m2</b> |                  |           |       |              |              |

## CUADRO DE CONSTRUCCIÓN DEL POLÍGONO 13 TIERRA

| LADO<br>EST                       | RUMBO            | DISTANCIA | V   | COORDENADAS  |              |
|-----------------------------------|------------------|-----------|-----|--------------|--------------|
|                                   |                  |           |     | Y            | X            |
| 468-753                           | S 57°15'01.86" W | 15.4320   | 468 | 2,319,057.55 | 673,807.0312 |
| 753-754                           | S 81°42'18.15" W | 59.6570   | 753 | 2,319,049.20 | 673,794.0523 |
| 754-755                           | S 76°51'16.13" W | 43.5430   | 754 | 2,319,040.60 | 673,735.0192 |
| 755-756                           | S 66°48'52.37" W | 10.2550   | 755 | 2,319,030.70 | 673,692.6168 |
| 756-757                           | S 71°12'30.83" W | 89.5620   | 756 | 2,319,026.66 | 673,683.1897 |
| 757-478                           | S 63°42'36.09" W | 34.1380   | 757 | 2,318,997.81 | 673,598.4017 |
| 478-477                           | N 23°10'46.59" W | 9.9580    | 478 | 2,318,982.69 | 673,567.7944 |
| 477-476                           | N 63°39'25.92" E | 34.5220   | 477 | 2,318,991.84 | 673,563.8748 |
| 476-475                           | N 71°18'24.52" E | 47.5750   | 476 | 2,319,007.16 | 673,594.8114 |
| 475-474                           | N 70°38'55.23" E | 20.0860   | 475 | 2,319,022.41 | 673,639.8767 |
| 474-473                           | N 71°39'06.99" E | 21.5260   | 474 | 2,319,029.06 | 673,658.8275 |
| 473-472                           | N 67°43'45.85" E | 11.6570   | 473 | 2,319,035.84 | 673,679.2594 |
| 472-471                           | N 76°50'00.12" E | 39.6230   | 472 | 2,319,040.26 | 673,690.0466 |
| 471-470                           | N 80°21'37.66" E | 57.5480   | 471 | 2,319,049.28 | 673,728.6281 |
| 470-469                           | N 51°37'58.89" E | 15.4230   | 470 | 2,319,058.92 | 673,785.3637 |
| 469-468                           | S 41°11'47.43" E | 14.5380   | 469 | 2,319,068.49 | 673,797.4560 |
| <b>SUPERFICIE = 2,568.4535 m2</b> |                  |           |     |              |              |

## CUADRO DE CONSTRUCCIÓN DEL POLÍGONO 14 TIERRA

| LADO<br>EST | RUMBO            | DISTANCIA | V   | COORDENADAS  |              |
|-------------|------------------|-----------|-----|--------------|--------------|
|             |                  |           |     | Y            | X            |
| 478-759     | S 25°16'52.83" E | 8.9020    | 478 | 2,318,982.69 | 673,567.7944 |
| 759-760     | S 66°02'35.10" W | 100.0000  | 759 | 2,318,974.64 | 673,571.5962 |
| 760-761     | S 69°50'38.62" W | 50.2360   | 760 | 2,318,934.03 | 673,480.2107 |
| 761-762     | S 66°52'39.54" W | 56.0000   | 761 | 2,318,916.72 | 673,433.0514 |
| 762-763     | S 72°07'01.54" W | 24.0250   | 762 | 2,318,894.73 | 673,381.5499 |
| 763-764     | S 68°08'40.89" W | 27.0400   | 763 | 2,318,887.35 | 673,358.6854 |
| 764-765     | S 63°04'31.26" W | 54.6400   | 764 | 2,318,877.29 | 673,333.5889 |
| 765-766     | S 67°47'18.41" W | 16.4490   | 765 | 2,318,852.55 | 673,284.8717 |
| 766-767     | S 67°46'29.70" W | 30.9990   | 766 | 2,318,846.33 | 673,269.6430 |
| 767-768     | S 61°45'44.31" W | 30.1630   | 767 | 2,318,834.60 | 673,240.9467 |
| 768-769     | S 63°18'36.90" W | 60.5520   | 768 | 2,318,820.33 | 673,214.3730 |
| 769-770     | S 65°22'55.47" W | 14.0430   | 769 | 2,318,793.13 | 673,160.2725 |
| 770-771     | S 56°46'42.80" W | 36.3930   | 770 | 2,318,787.28 | 673,147.5062 |
| 771-772     | S 65°39'11.03" W | 11.5250   | 771 | 2,318,767.35 | 673,117.0617 |
| 772-773     | S 64°12'37.51" W | 112.5360  | 772 | 2,318,762.59 | 673,106.5619 |
| 773-774     | S 67°25'49.17" W | 29.4000   | 773 | 2,318,713.63 | 673,005.2346 |
| 774-775     | S 57°25'48.77" W | 45.0030   | 774 | 2,318,702.35 | 672,978.0858 |
| 775-776     | S 62°40'23.26" W | 70.5000   | 775 | 2,318,678.12 | 672,940.1603 |
| 776-777     | S 59°07'49.48" W | 66.6770   | 776 | 2,318,645.76 | 672,877.5279 |
| 777-778     | S 54°34'22.24" W | 82.2190   | 777 | 2,318,611.55 | 672,820.2964 |
| 778-779     | S 55°38'15.60" W | 20.9680   | 778 | 2,318,563.89 | 672,753.3001 |
| 779-780     | S 66°33'47.00" W | 39.0560   | 779 | 2,318,552.05 | 672,735.9915 |
| 780-781     | S 57°40'33.48" W | 25.6730   | 780 | 2,318,536.52 | 672,700.1577 |
| 781-782     | S 59°54'18.11" W | 47.7030   | 781 | 2,318,522.79 | 672,678.4634 |
| 782-783     | S 58°11'07.29" W | 43.0550   | 782 | 2,318,498.87 | 672,637.1908 |
| 783-784     | S 55°34'15.38" W | 68.8280   | 783 | 2,318,476.17 | 672,600.6042 |
| 784-785     | S 50°32'04.18" W | 65.8630   | 784 | 2,318,437.26 | 672,543.8328 |
| 785-786     | S 54°47'13.46" W | 226.3460  | 785 | 2,318,395.40 | 672,492.9864 |
| 786-787     | S 54°06'31.44" W | 80.1690   | 786 | 2,318,264.88 | 672,308.0584 |
| 787-788     | S 53°49'55.20" W | 42.4760   | 787 | 2,318,217.88 | 672,243.1114 |
| 788-789     | S 38°56'40.26" W | 25.9480   | 788 | 2,318,192.82 | 672,208.8207 |
| 789-790     | S 51°40'16.33" W | 70.4040   | 789 | 2,318,172.63 | 672,192.5107 |
| 790-791     | S 49°38'58.30" W | 30.1860   | 790 | 2,318,128.97 | 672,137.2811 |
| 791-792     | S 49°11'09.65" W | 40.2310   | 791 | 2,318,109.43 | 672,114.2766 |
| 792-793     | S 47°17'02.63" W | 25.2320   | 792 | 2,318,083.13 | 672,083.8280 |
| 793-794     | S 50°10'19.11" W | 13.0350   | 793 | 2,318,066.02 | 672,065.2897 |
| 794-795     | S 56°51'14.66" W | 19.2630   | 794 | 2,318,057.67 | 672,055.2790 |
| 795-796     | S 46°54'48.10" W | 26.6440   | 795 | 2,318,047.13 | 672,039.1503 |
| 796-514     | S 51°07'26.10" W | 38.9630   | 796 | 2,318,028.93 | 672,019.6913 |
| 514-513     | N 39°28'28.64" W | 152.8770  | 514 | 2,318,004.48 | 671,989.3582 |
| 513-512     | N 47°36'16.26" E | 38.9010   | 513 | 2,318,122.49 | 671,892.1688 |
| 512-511     | S 39°27'46.88" E | 145.2550  | 512 | 2,318,148.71 | 671,920.8972 |
| 511-510     | N 46°54'48.10" E | 27.0240   | 511 | 2,318,036.57 | 672,013.2185 |
| 510-509     | N 56°51'14.66" E | 19.5490   | 510 | 2,318,055.03 | 672,032.9544 |
| 509-508     | N 50°10'19.11" E | 12.1990   | 509 | 2,318,065.72 | 672,049.3225 |
| 508-507     | N 47°17'02.63" E | 25.2000   | 508 | 2,318,073.53 | 672,058.6913 |
| 507-506     | N 50°08'18.74" E | 105.5000  | 507 | 2,318,090.63 | 672,077.2065 |
| 506-505     | N 51°40'16.33" E | 34.7330   | 506 | 2,318,158.25 | 672,158.1875 |
| 505-504     | N 38°56'40.26" E | 26.1390   | 505 | 2,318,179.79 | 672,185.4341 |
| 504-503     | N 53°49'55.20" E | 43.8070   | 504 | 2,318,200.12 | 672,201.8644 |
| 503-502     | N 54°06'31.44" E | 80.2520   | 503 | 2,318,225.97 | 672,237.2293 |
| 502-501     | N 54°47'13.46" E | 226.0340  | 502 | 2,318,273.02 | 672,302.2439 |
| 501-500     | N 50°32'04.18" E | 65.9310   | 501 | 2,318,403.35 | 672,486.9169 |
| 500-499     | N 53°01'34.30" E | 44.2860   | 500 | 2,318,445.26 | 672,537.8162 |
| 499-498     | N 60°29'01.50" E | 20.2550   | 499 | 2,318,471.90 | 672,573.1968 |
| 498-497     | N 58°44'43.96" E | 122.4090  | 498 | 2,318,481.87 | 672,590.8230 |
| 497-496     | N 66°33'47.00" E | 38.8770   | 497 | 2,318,545.39 | 672,695.4673 |
| 496-495     | N 55°58'03.10" E | 160.7800  | 496 | 2,318,560.85 | 672,731.1367 |
| 495-494     | N 63°03'54.60" E | 79.2560   | 495 | 2,318,650.83 | 672,864.3787 |
| 494-493     | N 55°48'43.12" E | 26.4070   | 494 | 2,318,686.73 | 672,935.0371 |
| 493-492     | N 59°46'45.26" E | 19.3840   | 493 | 2,318,701.57 | 672,956.8809 |
| 492-491     | N 67°25'49.17" E | 25.0490   | 492 | 2,318,711.33 | 672,973.6303 |
| 491-490     | N 64°25'58.13" E | 128.3060  | 491 | 2,318,720.94 | 672,996.7610 |
| 490-489     | N 57°52'16.15" E | 41.2510   | 490 | 2,318,776.31 | 673,112.5033 |

|                                    |                  |          |     |              |              |
|------------------------------------|------------------|----------|-----|--------------|--------------|
| 489-488                            | N 63°35'19.50" E | 69.5870  | 489 | 2,318,798.25 | 673,147.4368 |
| 488-487                            | N 61°45'44.31" E | 30.5530  | 488 | 2,318,829.20 | 673,209.7607 |
| 487-486                            | N 67°46'29.71" E | 31.5250  | 487 | 2,318,843.66 | 673,236.6781 |
| 486-485                            | N 67°47'18.40" E | 16.0400  | 486 | 2,318,855.58 | 673,265.8605 |
| 485-484                            | N 63°04'31.26" E | 54.6710  | 485 | 2,318,861.65 | 673,280.7104 |
| 484-483                            | N 68°08'40.89" E | 27.6780  | 484 | 2,318,886.40 | 673,329.4554 |
| 483-482                            | N 70°23'12.06" E | 5.8240   | 483 | 2,318,896.71 | 673,355.1444 |
| 482-481                            | N 72°37'21.21" E | 18.2890  | 482 | 2,318,898.66 | 673,360.6300 |
| 481-480                            | N 66°52'39.54" E | 55.4020  | 481 | 2,318,904.13 | 673,378.0844 |
| 480-479                            | N 70°38'39.62" E | 50.0330  | 480 | 2,318,925.88 | 673,429.0357 |
| 479-478                            | N 66°16'55.34" E | 100.0000 | 479 | 2,318,942.46 | 673,476.2408 |
| <b>SUPERFICIE = 24,111.0420 m2</b> |                  |          |     |              |              |

## CUADRO DE CONSTRUCCIÓN DEL POLÍGONO 15 TIERRA

| LADO<br>EST                        | RUMBO            | DISTANCIA | V   | COORDENADAS  |              |
|------------------------------------|------------------|-----------|-----|--------------|--------------|
|                                    |                  |           |     | Y            | X            |
| 518-517                            | S 42°19'57.97" E | 157.0670  | 518 | 2,317,958.34 | 671,712.7182 |
| 517-801                            | S 69°11'29.82" W | 18.7100   | 517 | 2,317,842.23 | 671,818.4929 |
| 801-802                            | S 48°40'04.97" W | 209.5530  | 801 | 2,317,835.58 | 671,801.0032 |
| 802-1                              | S 41°48'00.34" W | 37.3520   | 802 | 2,317,697.19 | 671,643.6510 |
| 1-519                              | N 38°12'13.93" W | 149.0020  | 1   | 2,317,669.34 | 671,618.7544 |
| 519-518                            | N 47°16'20.71" E | 253.3600  | 519 | 2,317,786.43 | 671,526.6027 |
| <b>SUPERFICIE = 38,240.0622 m2</b> |                  |           |     |              |              |

## CUADRO DE CONSTRUCCIÓN DEL POLÍGONO ZONA ARQUEOLÓGICA 01

## ÁREA DE EXCLUSIÓN

| LADO<br>EST                        | RUMBO            | DISTANCIA | V | COORDENADAS  |            |
|------------------------------------|------------------|-----------|---|--------------|------------|
|                                    |                  |           |   | Y            | X          |
| A-B                                | S 58°29'16.18" W | 128.9900  | A | 2,318,054.41 | 672,556.48 |
| B-C                                | S 15°15'10.68" E | 149.3350  | B | 2,317,986.99 | 672,446.51 |
| C-D                                | N 69°43'30.83" E | 151.5810  | C | 2,317,842.91 | 672,485.80 |
| D-E                                | N 15°11'49.72" W | 84.1700   | D | 2,317,895.44 | 672,627.98 |
| E-F                                | N 44°44'40.25" E | 101.0820  | E | 2,317,976.67 | 672,605.92 |
| F-G                                | N 45°10'28.73" W | 67.2960   | F | 2,318,048.46 | 672,677.08 |
| G-A                                | S 60°20'34.83" W | 83.8550   | G | 2,318,095.90 | 672,629.35 |
| <b>SUPERFICIE = 30,835.8498 m2</b> |                  |           |   |              |            |

## CUADRO DE CONSTRUCCIÓN DEL POLÍGONO ZONA ARQUEOLÓGICA 02

## ÁREA DE EXCLUSIÓN

| LADO<br>EST                       | RUMBO            | DISTANCIA | V | COORDENADAS  |            |
|-----------------------------------|------------------|-----------|---|--------------|------------|
|                                   |                  |           |   | Y            | X          |
| H-I                               | S 01°30'59.40" W | 78.0000   | H | 2,317,792.56 | 672,222.80 |
| I-J                               | S 88°29'03.57" E | 48.0000   | I | 2,317,714.59 | 672,220.74 |
| J-K                               | N 01°30'56.76" E | 78.0000   | J | 2,317,713.32 | 672,268.72 |
| K-H                               | N 88°29'03.36" W | 47.9990   | K | 2,317,791.29 | 672,270.78 |
| <b>SUPERFICIE = 3,743.9403 m2</b> |                  |           |   |              |            |

**SEGUNDO.** De conformidad con el artículo 30, fracciones V y XIV Ter de la Ley Orgánica de la Administración Pública Federal, se declaran afectas al Recinto Portuario de Puerto Tuxpan, Estado de Veracruz y bajo la administración de la Secretaría de Marina, las zonas federales que comprenden las áreas de agua, terrenos, obras e instalaciones adquiridas o construidas por el Gobierno Federal y, en general, los bienes del dominio público ubicados en el Recinto Portuario a que se refiere este Acuerdo, mismos que se destinarán al establecimiento de instalaciones y a la prestación de servicios portuarios. En caso de que a dichas áreas se les dé un destino distinto, quedarán excluidas, por ese solo hecho, del Recinto Portuario y pasarán a la competencia de la Secretaría de Medio Ambiente y Recursos Naturales.

Las construcciones e instalaciones que ejecuten los particulares, adheridas permanentemente a los bienes del dominio público de la Federación, estarán afectas al Recinto Portuario y pasarán al dominio de la Nación, al término de la vigencia de los títulos de concesión respectivos.

**TERCERO.** El Recinto Portuario del Puerto de Tuxpan, en el Municipio de Tuxpan de Rodríguez Cano, Veracruz, se sujetará al Decreto y a las disposiciones de la Ley de Puertos, entre las cuales están las siguientes:

- I. Que mediante Decreto Presidencial por el que se determinan los puertos que tienen el carácter de habilitados, publicado en el Diario Oficial de la Federación el 31 de mayo de 1974, se habilitó entre otros puertos nacionales, el Puerto de Tuxpan, en el Estado de Veracruz, para tráfico de altura, mixto, de cabotaje y pesca.
- II. Que por Decreto Presidencial publicado en el Diario Oficial de la Federación el 30 de junio de 1988, se determinó el Recinto Portuario correspondiente al puerto denominado Tuxpan, Ver., ubicado en el litoral del Golfo de México, con las instalaciones y obras construidas por el Gobierno Federal en las áreas del Dominio Público de la Federación, con una superficie total de 413,480.2479 m<sup>2</sup>.
- III. Que por Decreto Presidencial publicado en el Diario Oficial de la Federación el 14 de octubre de 1994, se amplió la delimitación y determinación del Recinto Portuario del puerto de Tuxpan, Municipio de Tuxpan de Rodríguez Cano, en el Estado de Veracruz, con una superficie total de 312-79-09 hectáreas, de las cuales, 57-01-69 hectáreas corresponden a terrenos de dominio público de la Federación y 255-77-40 hectáreas a áreas de agua operacional.
- IV. Que por Decreto Presidencial publicado en el Diario Oficial de la Federación el 21 de abril de 2004, se modificó la delimitación y determinación del Recinto Portuario del puerto de Tuxpan, Municipio de Tuxpan de Rodríguez Cano, Estado de Veracruz, para quedar con una superficie de 6,138-73-01 hectáreas, integrada por 58-64-34 hectáreas de terrenos de dominio público de la Federación y 6080-08-67 hectáreas de agua de mar territorial.
- V. Los bienes de dominio público que comprende serán susceptibles de uso, aprovechamiento, explotación o prestación de servicios portuarios, mediante Contratos de Cesión Parcial de Derechos o de Prestación de Servicios, que el Administrador Portuario celebre con terceros;
- VI. Los usos, destinos y modos de operación que se determinen para sus diferentes zonas, se sujetarán al Programa Maestro de Desarrollo Portuario respectivo, y
- VII. Su uso, aprovechamiento y explotación, se sujetará a lo previsto por las disposiciones de la Ley de Puertos, respecto a:
  1. El régimen de administración y operación del Recinto Portuario;
  2. La construcción de obras e instalaciones portuarias, y
  3. El pago de los aprovechamientos, derechos o contraprestaciones contractuales.

**CUARTO.** El presente Acuerdo de rectificación de coordenadas de la delimitación y determinación del Recinto Portuario del Puerto de Tuxpan, en el Estado de Veracruz, deja a salvo los derechos de terceros, por lo que no se verán afectados, como consecuencia de los procesos de rectificación de coordenadas de la delimitación y determinación a que se refiere el presente.

**QUINTO.** Las autoridades competentes ejercerán sus atribuciones en el Recinto Portuario materia de este Acuerdo, inclusive en las áreas concesionadas, en los términos previstos por las disposiciones legales aplicables.

**SEXTO.** Sin perjuicio del contenido del presente instrumento, las concesiones, permisos y autorizaciones otorgados a favor de terceros con anterioridad a la entrada en vigor de este Acuerdo, continuarán surtiendo sus efectos en los términos y condiciones celebrados hasta la conclusión de su vigencia.

#### TRANSITORIO

**UNICO.-** El presente Acuerdo entrará en vigor al día siguiente de su publicación en el Diario Oficial de la Federación.

Dado en la ciudad de México, a 25 de enero de 2024.- El Secretario de Marina, **José Rafael Ojeda Durán.**- Rúbrica.- La Secretaria de Medio Ambiente y Recursos Naturales, **María Luisa Albores González.**- Rúbrica.

**AVISO por el que se dan a conocer las bases de regulación tarifaria para el cobro por el uso de infraestructura portuaria, aplicables en el Recinto Portuario de Topolobampo, Sin.**

Al margen un sello con el Escudo Nacional, que dice: Estados Unidos Mexicanos.- MARINA.- Secretaría de Marina.

MARÍA MARISA ABARCA HERNÁNDEZ, Capitán de Altura, Directora General de Puertos, con fundamento en los artículos 30, fracciones XIV Bis, XIV Quáter y XXVII, de la Ley Orgánica de la Administración Pública Federal; 1o, 4o, fracción III, 16, fracciones II y XIV, 40, fracción X, 59, 60 y 61, de la Ley de Puertos; 1, 3 y 137, del Reglamento de la Ley de Puertos; la Regulación Tarifaria, publicada en el Diario Oficial de la Federación el 22 de diciembre de 1999; y en ejercicio de las facultades que me confieren los artículos 1, 3, fracción II, inciso j, numeral 6 y 33, fracciones X y XVII, del Reglamento Interior de la Secretaría de Marina, y

**CONSIDERANDO**

Que la Secretaría de Marina, como Autoridad en materia de Puertos, tiene a su cargo las atribuciones conferidas por las Leyes Orgánica de la Administración Pública Federal, la de Navegación y Comercio Marítimos, la de Puertos, así como los tratados internacionales de los que el Estado Mexicano sea parte, para el control de los puertos, terminales, marinas e instalaciones portuarias, su construcción, uso, aprovechamiento, explotación, operación y formas de administración, así como para la prestación de los servicios portuarios;

Que la Secretaría de Marina, por conducto de la Dirección General de Puertos, tiene dentro de sus atribuciones, el establecer las bases de regulación tarifaria y de precios para el uso de determinados bienes en puertos, terminales, marinas y para la prestación de los servicios cuando no existan opciones portuarias o de otros modos de transporte que propicien un ambiente de competencia razonable;

Que fue recibida una solicitud en la Ventanilla de Gestión de Trámites de la Unidad de Capitanías de Puerto y Asuntos Marítimos, para el ajuste de actualización de las tarifas por el uso de infraestructura portuaria, aplicables en el recinto portuario de Topolobampo, Sin., mismas que fueron autorizadas por la Dirección General de Puertos, y

Que de conformidad con el artículo 137 del Reglamento de la Ley de Puertos, las bases de regulación tarifaria entrarán en vigor a partir de los veinte días hábiles siguientes a su publicación en el Diario Oficial de la Federación, por lo que he tenido a bien emitir el siguiente:

“AVISO POR EL QUE SE DAN A CONOCER LAS BASES DE REGULACIÓN TARIFARIA PARA EL COBRO POR EL USO DE INFRAESTRUCTURA PORTUARIA, APLICABLES EN EL RECINTO PORTUARIO DE TOPOLOBAMPO, SIN.”

ÚNICO.- Se hace del conocimiento del público en general, que fueron actualizadas las bases de regulación tarifaria para el cobro por el uso de infraestructura portuaria, aplicables en el recinto portuario de Topolobampo, Sin., mismas que pueden ser consultadas en la página electrónica siguiente:

| Prestador del servicio  | Puerto            |
|---|-------------------|
| Administración del Sistema Portuario Nacional Topolobampo, S.A. de C.V.<br><a href="http://www.dof.gob.mx/2024/SEMAR/DGP.-0740_2024.pdf">www.dof.gob.mx/2024/SEMAR/DGP.-0740_2024.pdf</a> | Topolobampo, Sin. |

**TRANSITORIOS**

PRIMERO.- El presente aviso entrará en vigor el día de su publicación en el Diario Oficial de la Federación.

SEGUNDO.- Las bases de regulación tarifaria a que se refiere el presente aviso, entrarán en vigor a partir de los veinte días hábiles siguientes a su publicación en el Diario Oficial de la Federación.

Atentamente

Ciudad de México, a 28 de febrero de 2024.- La Directora General de Puertos, Capitán de Altura **María Marisa Abarca Hernández**.- Rúbrica.