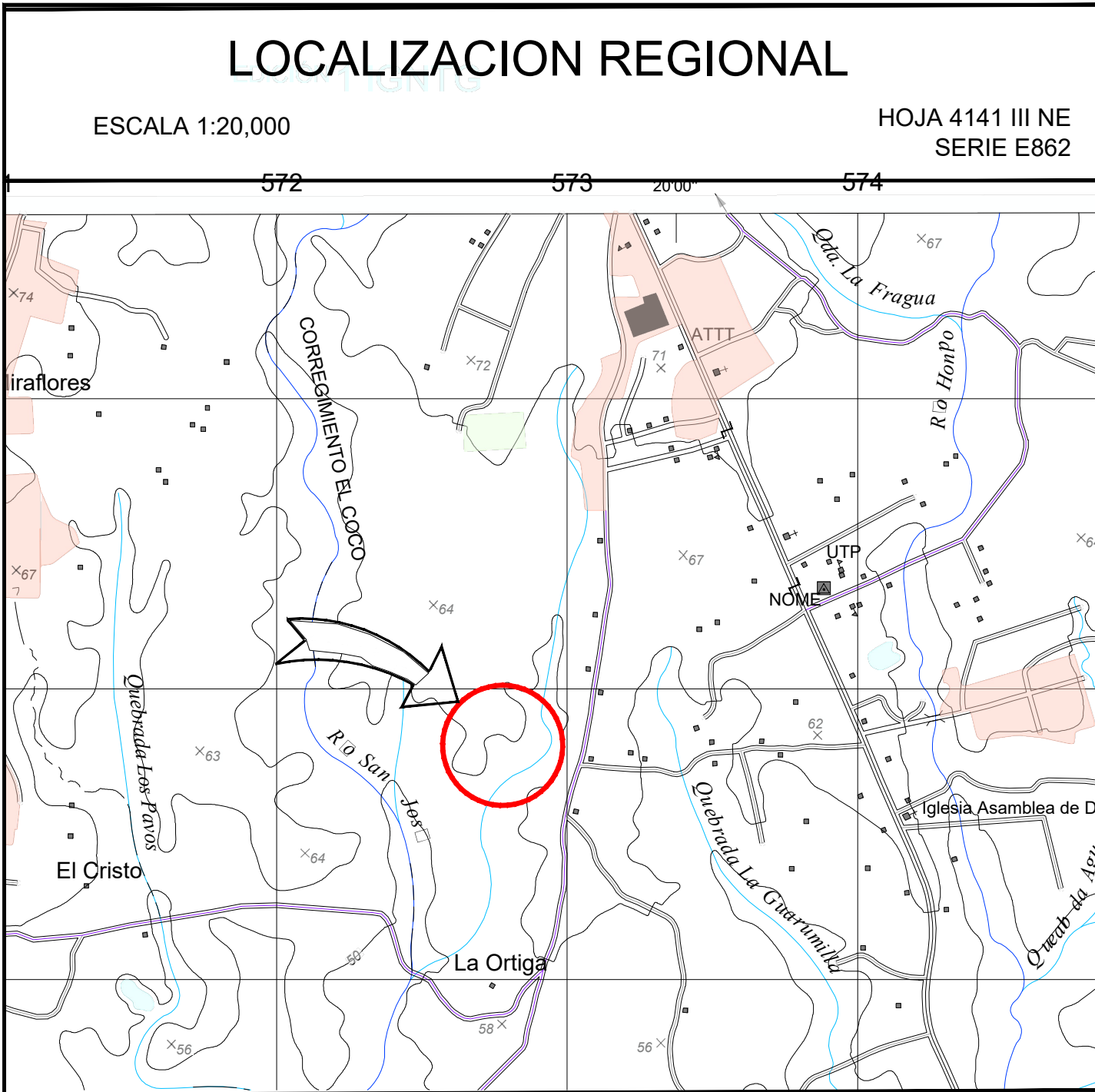




NIVELES DE TERRACERIA SEGUROS PROPUESTOS

NOTA: PODRAN SER MAYORES O IGUALES A LOS INDICADOS, PERO NUNCA MENORES  
VER NIVELES POR LOTE EN PLANTA DE TERRACERIA

| CAUCE        | ESTACION   | UBICACIÓN EN EL PROYECTO | NIVEL DE FONDO (m) | NAME (m) | TIRANTE DE AGUA (m) | NIVEL SEGURO DE TERRACERIA |
|--------------|------------|--------------------------|--------------------|----------|---------------------|----------------------------|
| QDA. EL JOBO | 00K+000    | FUERA                    | 55.74              | 57.3     | 1.56                | 58.8                       |
| QDA. EL JOBO | 00K+020    | FUERA                    | 55.91              | 57.9     | 1.99                | 59.4                       |
| QDA. EL JOBO | 00K+040    | FUERA                    | 56.1               | 58.24    | 2.14                | 59.74                      |
| QDA. EL JOBO | 00K+056.42 | DENTRO                   | 56.3               | 58.28    | 1.98                | 59.78                      |
| QDA. EL JOBO | 00K+060    | DENTRO                   | 56.31              | 58.29    | 1.98                | 59.79                      |
| QDA. EL JOBO | 00K+080    | DENTRO                   | 56.38              | 58.5     | 2.12                | 60                         |
| QDA. EL JOBO | 00K+100    | DENTRO                   | 56.72              | 58.93    | 2.21                | 60.43                      |
| QDA. EL JOBO | 00K+120    | DENTRO                   | 56.93              | 58.97    | 2.04                | 60.47                      |
| QDA. EL JOBO | 00K+140    | DENTRO                   | 56.96              | 59.05    | 2.09                | 60.55                      |
| QDA. EL JOBO | 00K+160    | DENTRO                   | 57.14              | 59.71    | 2.57                | 61.21                      |
| QDA. EL JOBO | 00K+180    | DENTRO                   | 57.17              | 59.82    | 2.65                | 61.32                      |
| QDA. EL JOBO | 00K+200    | FUERA                    | 57.89              | 59.65    | 1.76                | 61.15                      |
| QDA. EL JOBO | 00K+220    | FUERA                    | 57.58              | 59.96    | 2.38                | 61.46                      |
| QDA. EL JOBO | 00K+240    | FUERA                    | 57.57              | 60.11    | 2.54                | 61.61                      |
| QDA. EL JOBO | 00K+260    | FUERA                    | 57.97              | 60.15    | 2.18                | 61.65                      |
| QDA. EL JOBO | 00K+280    | FUERA                    | 58.34              | 60.53    | 2.19                | 62.03                      |
| QDA. EL JOBO | 00K+300    | FUERA                    | 58.54              | 60.61    | 2.07                | 62.11                      |
| QDA. EL JOBO | 00K+320    | FUERA                    | 58.83              | 60.98    | 2.15                | 62.48                      |

COLINDANTES:

- AL NORTE: RESTO LIBRE DE LA FINCA FOLIO REAL 12350, COD UBICACION 2591, PROPIEDAD DE PENONOME 45 SA.
- AL ESTE: CALLE EXISTENTE.
- AL OESTE: RESTO LIBRE DE LA FINCA FOLIO REAL 12350 COD UBICACION 2501, PROPIEDAD DE PENONOME 45 SA.
- AL SUR: RESTO LIBRE DE LA FINCA FOLIO REAL 12350 COD UBICACION 2501, PROPIEDAD DE PENONOME 45 SA.

COORDENADAS DE SERVIDUMBRE PLUVIAL MARGEN DERECHO

| PUNTO | NORTE     | ESTE      | DESCRIPCION |
|-------|-----------|-----------|-------------|
| 1     | 937871.06 | 572906.07 | SERVIDUMBRE |
| 2     | 937858.55 | 572895.74 | SERVIDUMBRE |
| 3     | 937858.00 | 572895.48 | SERVIDUMBRE |
| 4     | 937852.45 | 572899.33 | SERVIDUMBRE |
| 5     | 937845.03 | 572894.68 | SERVIDUMBRE |
| 6     | 937840.55 | 572893.29 | SERVIDUMBRE |
| 7     | 937839.13 | 572889.49 | SERVIDUMBRE |
| 8     | 937815.16 | 572884.26 | SERVIDUMBRE |
| 9     | 937811.94 | 572883.84 | SERVIDUMBRE |
| 10    | 937793.70 | 572884.13 | SERVIDUMBRE |
| 11    | 937777.51 | 572890.43 | SERVIDUMBRE |
| 12    | 937776.21 | 572894.67 | SERVIDUMBRE |
| 13    | 937774.01 | 572893.59 | SERVIDUMBRE |
| 14    | 937770.34 | 572892.51 | SERVIDUMBRE |
| 15    | 937762.40 | 572893.77 | SERVIDUMBRE |
| 16    | 937754.40 | 572888.59 | SERVIDUMBRE |

COORDENADAS DE SERVIDUMBRE PLUVIAL MARGEN IZQUIERDO

| PUNTO | NORTE     | ESTE      | DESCRIPCION |
|-------|-----------|-----------|-------------|
| 17    | 937748.02 | 572919.03 | SERVIDUMBRE |
| 18    | 937748.66 | 572919.40 | SERVIDUMBRE |
| 19    | 937753.84 | 572925.42 | SERVIDUMBRE |
| 20    | 937757.96 | 572926.91 | SERVIDUMBRE |
| 21    | 937761.93 | 572928.01 | SERVIDUMBRE |
| 22    | 937764.75 | 572928.20 | SERVIDUMBRE |
| 23    | 937771.35 | 572927.19 | SERVIDUMBRE |
| 24    | 937780.60 | 572923.53 | SERVIDUMBRE |
| 25    | 937783.63 | 572921.26 | SERVIDUMBRE |
| 26    | 937790.16 | 572918.62 | SERVIDUMBRE |
| 27    | 937798.66 | 572914.12 | SERVIDUMBRE |
| 28    | 937812.47 | 572911.23 | SERVIDUMBRE |
| 29    | 937814.32 | 572911.54 | SERVIDUMBRE |
| 30    | 937817.60 | 572912.43 | SERVIDUMBRE |
| 31    | 937818.03 | 572912.56 | SERVIDUMBRE |
| 32    | 937832.63 | 572918.20 | SERVIDUMBRE |
| 33    | 937846.96 | 572930.35 | SERVIDUMBRE |

COORDENADAS DEL ALINEAMIENTO DE LA QDA EL JOBO

| ESTACION  | PI | NORTE         | ESTE          | DISTANCIA | ORIENTACION   |
|-----------|----|---------------|---------------|-----------|---------------|
| 0+000     |    | 937,718.725m  | 572,864.0138m | 23.302m   | N78° 59' 57"E |
| 0+023.302 |    | 937,723.1722m | 572,886.8875m | 4.540m    | N53° 43' 18"E |
| 0+027.842 |    | 937,725.8587m | 572,890.5477m | 24.237m   | N26° 32' 50"E |
| 0+052.079 |    | 937,747.5401m | 572,901.3790m | 14.779m   | N31° 08' 12"E |
| 0+066.857 |    | 937,760.1890m | 572,909.0210m | 4.182m    | N38° 32' 40"E |
| 0+071.039 |    | 937,763.4604m | 572,911.6276m | 8.443m    | N6° 00' 26"W  |
| 0+079.483 |    | 937,771.8572m | 572,910.7440m | 4.999m    | N17° 36' 53"W |
| 0+084.481 |    | 937,776.6210m | 572,909.2314m | 11.276m   | N26° 41' 01"W |
| 0+095.758 |    | 937,786.6971m | 572,904.1675m | 13.170m   | N19° 56' 30"W |
| 0+108.928 |    | 937,799.0772m | 572,899.6757m | 3.596m    | N17° 02' 56"W |
| 0+112.523 |    | 937,802.5150m | 572,898.6215m | 8.045m    | N0° 09' 29"W  |
| 0+120.568 |    | 937,810.5596m | 572,898.5993m | 11.989m   | N6° 43' 11"E  |
| 0+132.557 |    | 937,822.4664m | 572,900.0022m | 18.547m   | N19° 30' 02"E |
| 0+151.105 |    | 937,839.9498m | 572,906.1936m | 29.058m   | N39° 34' 43"E |
| 0+180.163 |    | 937,862.3460m | 572,924.7078m | 7.623m    | N15° 52' 40"E |
| 0+187.786 |    | 937,869.6790m | 572,926.7934m | 6.603m    | N14° 38' 58"W |
| 0+194.389 |    | 937,876.0671m | 572,925.1235m | 3.588m    | N24° 44' 11"W |
| 0+197.747 |    | 937,879.1172m | 572,923.7183m | 37.788m   | N39° 28' 28"W |
| 0+235.535 |    | 937,908.2857m | 572,899.6954m | 10.629m   | N26° 14' 52"W |
| 0+246.163 |    | 937,917.8185m | 572,894.9948m | 6.201m    | N0° 25' 51"W  |
| 0+252.364 |    | 937,924.0190m | 572,894.9482m | 5.009m    | N6° 29' 25"E  |
| 0+257.373 |    | 937,928.9957m | 572,895.5143m | 7.903m    | N4° 08' 54"W  |
| 0+265.276 |    | 937,936.8784m | 572,894.9426m | 1.683m    | N13° 07' 03"E |
| 0+266.959 |    | 937,938.5172m | 572,895.3245m | 2.871m    | N32° 00' 36"E |
| 0+269.830 |    | 937,940.9514m | 572,896.8441m | 5.328m    | N40° 01' 27"E |
| 0+275.158 |    | 937,945.0310m | 572,900.2727m | 3.544m    | N55° 37' 59"E |
| 0+278.702 |    | 937,947.0324m | 572,903.1984m | 6.181m    | N30° 36' 50"E |
| 0+284.883 |    | 937,952.3519m | 572,906.3461m | 18.321m   | N5° 41' 48"E  |
| 0+303.205 |    | 937,970.5826m | 572,908.1648m |           |               |

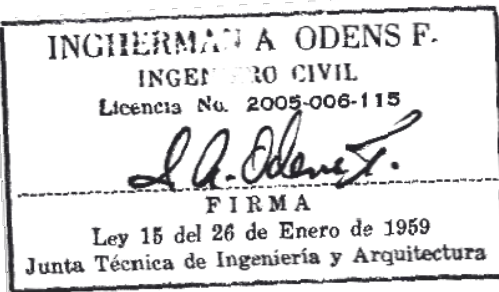
CONTRATANTE:



DISEÑO:



PLANO LLAVE:



| REV. | DESCRIPCION | FECHA |
|------|-------------|-------|
|      |             |       |
|      |             |       |
|      |             |       |
|      |             |       |

PROYECTO



CAMPO REAL

REPÚBLICA DE PANAMÁ

PROVINCIA: COCLE  
DISTRITO: PENONOME

CORREGIMIENTO: EL COCO  
LUGAR: LA ORTIGA

CONTENIDO:

CONTENT:

PLANTA DE CERIFICACION DE SERVIDUMBRE

CODIGO:

CODE:

CERTIFICACION

DIBUJO:

IK-INGENIEROS

FECHA:

JUNIO 2022

DISEÑO:

IK-INGENIEROS

ESCALA:

INDICADAS

PROMOTORA

PROPIETARIO

REPRESENTANTE

LEGAL

APROBADO POR:

CAMPO REAL DE COCLE, S.A.  
ATLANTIC PROJECTS, S.A.

JUAN BELDEN  
3-703-1895

ING. MUNICIPAL