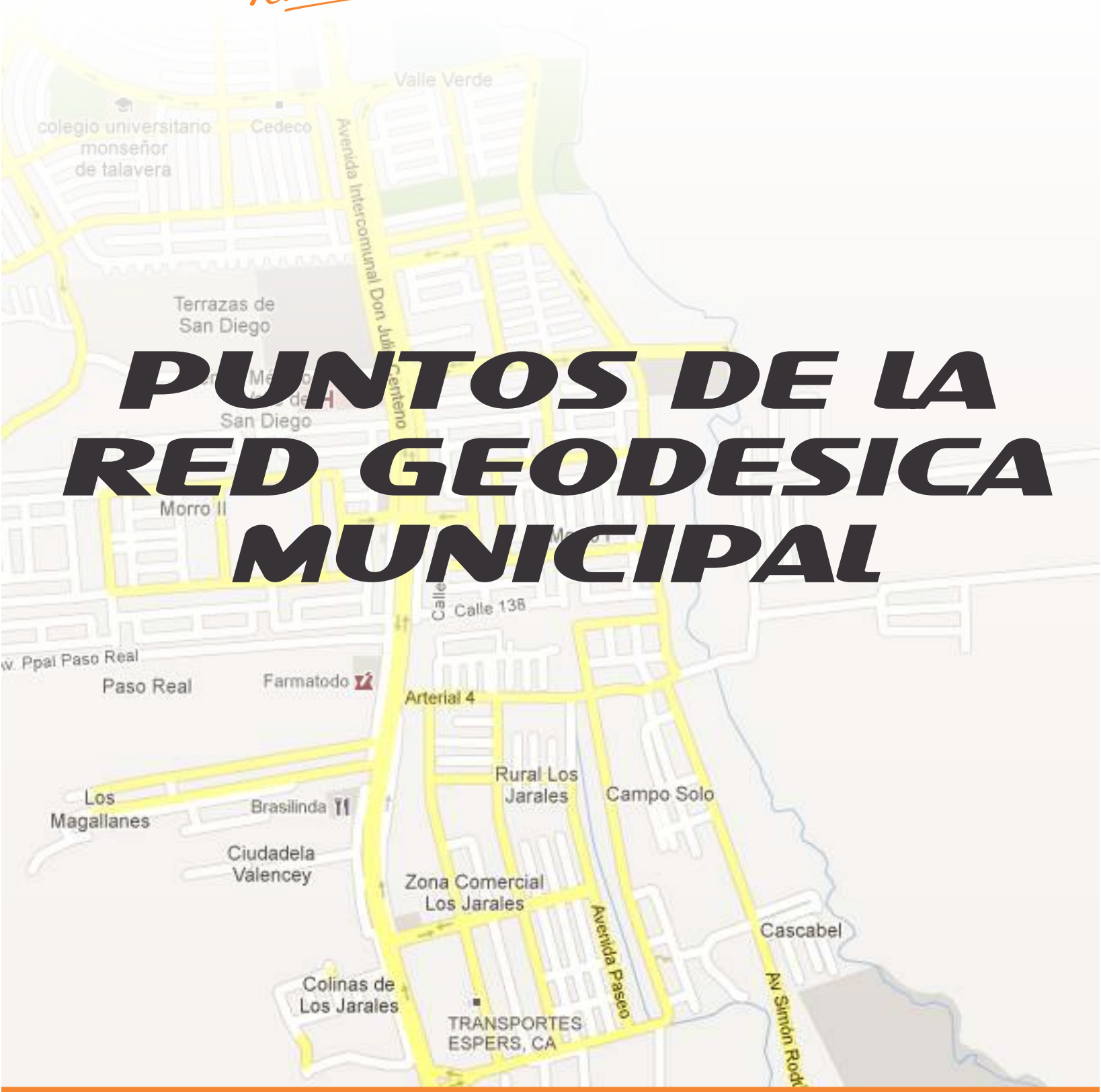
RIF: G-20004918-9

ALCALDIA DE SAN DIEGO

UNA GESTIÓN CON ¡Cuentas Claras!

DIRECCION DE DESARROLLO URBANO Y CATASTRO

# PUNTOS DE LA RED GEODESICA MUNICIPAL

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## 1.- COORDENADAS GEODESICAS

| Nombre del vértice | Latitud | Longitud | Altitud(m) |
|---|---|---|---|
| RGM 1 | N 10º 11’ 31.72575” | O 67º 57’ 30.99959” | 425.910 |
| RGM 1 REF | N 10º 11’ 31.76908” | O 67º 57’ 28.35718” | 425.914 |
| RGM 2 | N 10º 13’ 45.47906” | O 67º 57’ 37.47294” | 439.372 |
| RGM 2 REF | N 10º 11’ 35.56428” | O 67º 57’ 39.06654” | 436.277 |
| RGM 3 | N 10º 17’ 28.62148” | O 67º 56’ 31.58078” | 474.832 |
| RGM 3 REF | N 10º 17’ 25.67344” | O 67º 56’ 33.29719” | 475.375 |

## 2.- COORDENADAS UTM HUSO 19

| Nombre del Vértice | Norte(m) | Este (m) | Elevación o Cota (m) |
|---|---|---|---|
| RGM 1 | 1126840.407 | 614069.796 | 442.261 |
| RGM 1 REF | 1126841.997 | 614150.199 | 442.267 |
| RGM 2 | 1130948.308 | 613859.596 | 455.916 |
| RGM 2 REF | 1130643.597 | 613.812.090 | 452.805 |
| RGM 3 | 1137809.206 | 615841.913 | 491.782 |
| RGM 3 REF | 1137718.477 | 615789.998 | 492.319 |

## 3.- DENSIFICACION DE LA RED GEODESICA MUNICIPAL

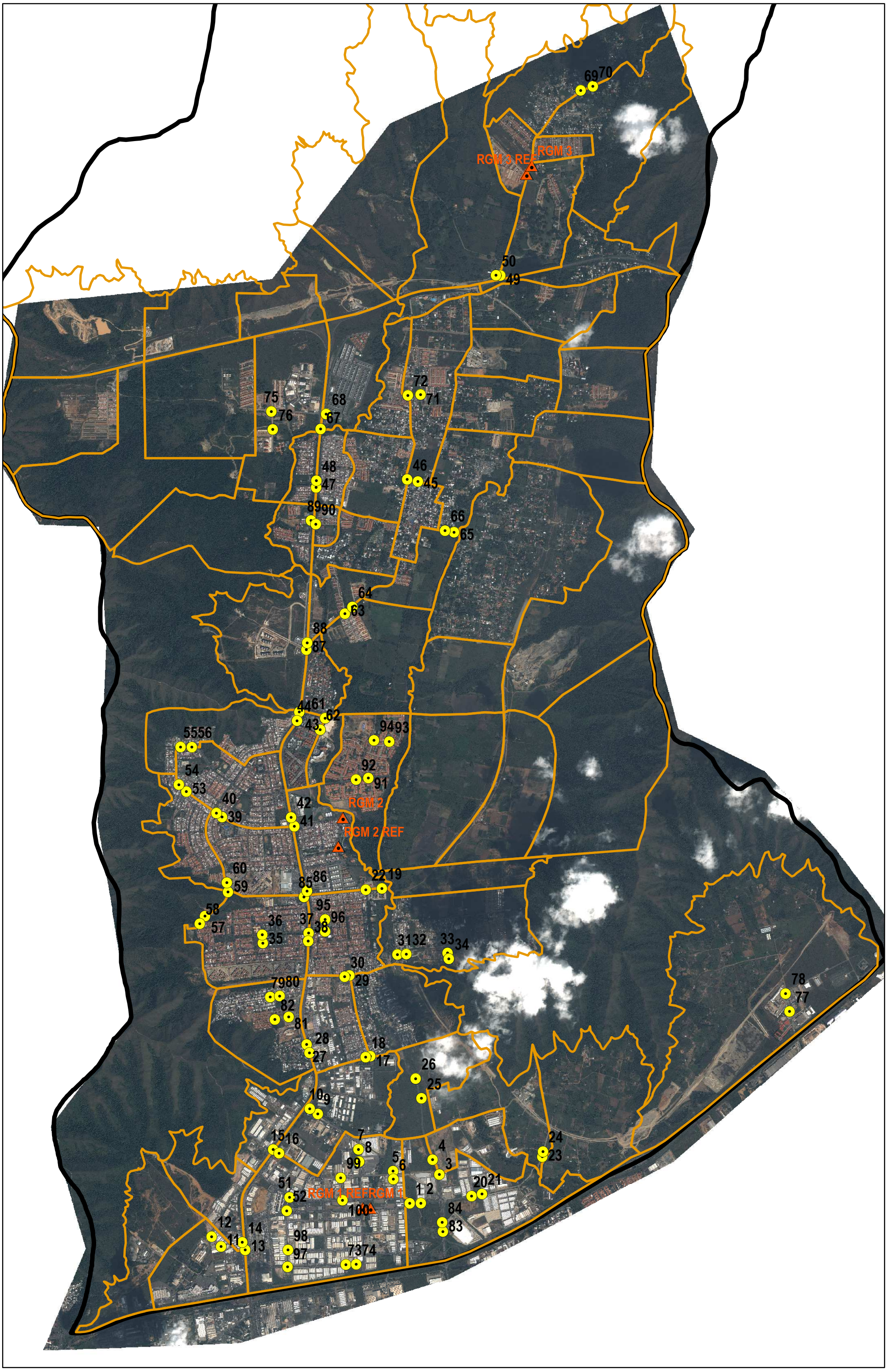
## Coordenadas UTM Zona 19 Datum SIRGAS –REGVEN

| Nº del Punto | NORTE(m) | ESTE(m) | Elevación o Cota (m) |
|---|---|---|---|
| 1 | 1126887.604 | 614567.336 | 442.344 |
| 2 | 1126890.691 | 614685.050 | 442.610 |
| 3 | 1127190.810 | 614880.507 | 443.003 |
| 4 | 1127346.148 | 614808.658 | 443.269 |
| 5 | 1127226.444 | 614392.910 | 442.677 |
| 6 | 1127141.610 | 614395.958 | 442.484 |
| 7 | 1127457.152 | 614029.174 | 445.295 |
| 8 | 1127328.167 | 614036.262 | 444.228 |
| 9 | 1127829.830 | 613603.196 | 454.348 |
| 10 | 1127884.077 | 613519.248 | 457.621 |
| 11 | 1126434.761 | 612586.299 | 454.506 |
| 12 | 1126539.009 | 612487.350 | 458.914 |
| 13 | 1126396.208 | 612839.179 | 450.555 |
| 14 | 1126477.659 | 612808.711 | 451.818 |
| 15 | 1127453.959 | 613133.943 | 456.239 |
| 16 | 1127416.917 | 613196.599 | 453.583 |
| 17 | 1128436.757 | 614152.369 | 447.202 |
| 18 | 1128425.068 | 614104.842 | 446.852 |
| 19 | 1130202.817 | 614275.499 | 453.045 |
| 20 | 1130189.579 | 614105.377 | 451.392 |

| Nº del Punto | NORTE(m) | ESTE(m) | Elevación o Cota (m) |
|---|---|---|---|
| 21 | 1126986.894 | 615326.586 | 442.275 |
| 22 | 1126963.031 | 615215.880 | 442.405 |
| 23 | 1127377.982 | 615958.942 | 441.863 |
| 24 | 1127433.999 | 615966.430 | 441.731 |
| 25 | 1127992.062 | 614689.750 | 446.110 |
| 26 | 1128200.917 | 614631.142 | 446.752 |
| 27 | 1128558.213 | 613485.267 | 456.866 |
| 28 | 1128472.831 | 613514.071 | 456.713 |
| 29 | 1129285.017 | 613933.699 | 449.752 |
| 30 | 1129271.807 | 613884.296 | 449.950 |
| 31 | 1129507.398 | 614437.834 | 452.170 |
| 32 | 1129512.303 | 614532.887 | 454.165 |
| 33 | 1129522.164 | 614964.805 | 463.755 |
| 34 | 1129461.704 | 614978.958 | 466.083 |
| 35 | 1129627.509 | 613024.775 | 464.694 |
| 36 | 1129714.977 | 613019.170 | 464.601 |
| 37 | 1129731.968 | 613505.164 | 455.889 |
| 38 | 1129647.201 | 613502.157 | 456.289 |
| 39 | 1130952.112 | 612597.772 | 473.516 |
| 40 | 1130994.610 | 612538.010 | 475.597 |
| 41 | 1130855.774 | 613356.262 | 457.641 |
| 42 | 1130949.110 | 613321.398 | 458.886 |
| 43 | 1132056.416 | 613408.045 | 458.227 |
| 44 | 1131967.013 | 613385.355 | 457.188 |
| 45 | 1134481.607 | 614654.063 | 467.523 |

| Nº del Punto | NORTE(m) | ESTE(m) | Elevación o Cota |
|---|---|---|---|
| 46 | 1134504.441 | 614540.243 | 467.113 |
| 47 | 1134418.547 | 613584.555 | 465.860 |
| 48 | 1134490.086 | 613588.532 | 466.199 |
| 49 | 1136651.575 | 615519.990 | 482.817 |
| 50 | 1136652.327 | 615473.849 | 483.135 |
| 51 | 1126951.581 | 613306.637 | 446.870 |
| 52 | 1126811.100 | 613275.789 | 445.422 |
| 53 | 1131222.046 | 612221.180 | 496.645 |
| 54 | 1131294.094 | 612143.598 | 504.462 |
| 55 | 1131690.616 | 612159.580 | 522.497 |
| 56 | 1131689.582 | 612279.997 | 513.682 |
| 57 | 1129909.682 | 612418.780 | 489.786 |
| 58 | 1129831.040 | 612362.684 | 492.228 |
| 59 | 1130163.110 | 612659.560 | 477.586 |
| 60 | 1130263.765 | 612648.002 | 475.042 |
| 61 | 1131993.256 | 613679.388 | 457.206 |
| 62 | 1131871.570 | 613627.898 | 456.281 |
| 63 | 1133092.998 | 613886.373 | 461.706 |
| 64 | 1133162.910 | 613965.237 | 461.829 |
| 65 | 1133950.251 | 615032.961 | 465.971 |
| 66 | 1133966.954 | 614936.762 | 466.085 |
| 67 | 1135034.612 | 613632.537 | 470.283 |
| 68 | 1135192.285 | 613690.308 | 469.179 |
| 69 | 1138600.047 | 616364.073 | 500.487 |
| 70 | 1138640.835 | 616491.020 | 500.410 |
| 71 | 1135399.276 | 614681.618 | 471.826 |
| 72 | 1135390.409 | 614548.029 | 472.196 |
| 73 | 1126242.762 | 613896.196 | 442.986 |

| Nº del Punto | NORTE(m) | ESTE(m) | Elevación o Cota |
|---|---|---|---|
| 74 | 1126246.437 | 614005.306 | 442.692 |
| 75 | 1135219.961 | 613113.790 | 469.215 |
| 76 | 1135030.533 | 613129.509 | 469.523 |
| 77 | 1128905.889 | 618556.534 | 436.737 |
| 78 | 1129093.800 | 618514.803 | 439.109 |
| 79 | 1129057.736 | 613101.965 | 465.089 |
| 80 | 1129069.376 | 613202.386 | 462.998 |
| 81 | 1128847.629 | 613296.505 | 461.161 |
| 82 | 1128820.438 | 613151.178 | 463.742 |
| 83 | 1126593.410 | 614914.980 | 441.502 |
| 84 | 1126688.368 | 614907.845 | 441.702 |
| 85 | 1130114.220 | 613457.660 | 456.369 |
| 86 | 1130174.708 | 613490.013 | 455.920 |
| 87 | 1132715.734 | 613482.690 | 462.400 |
| 88 | 1132787.429 | 613491.440 | 462.856 |
| 89 | 1134072.388 | 613531.058 | 463.855 |
| 90 | 1134035.851 | 613581.147 | 463.919 |
| 91 | 1131364.019 | 614133.071 | 454.567 |
| 92 | 1131347.020 | 614003.336 | 453.889 |
| 93 | 1131745.608 | 614352.496 | 455.905 |
| 94 | 1131758.767 | 614193.606 | 455.607 |
| 95 | 1129875.075 | 613680.287 | 451.975 |
| 96 | 1129748.968 | 613679.238 | 451.676 |
| 97 | 1126219.706 | 613284.243 | 444.873 |
| 98 | 1126395.302 | 613288.837 | 444.595 |
| 99 | 1127157.889 | 613843.357 | 443.528 |
| 100 | 1126921.945 | 613860.625 | 442.970 |


RGM 3 REF
RGM 3
RGM 2
RGM 2 REF
RGM 1 REF
RGM 1