### CARTERA TOPOGRAFICA CAÑO YONDO

| PUNTO | NORTE | ESTE | COTA | OBS |
|---|---|---|---|---|
| 1 | 1267177.28 | 1018132.62 | 71.93 | gps-10 |
| 2 | 1267182.68 | 1018138.78 | 70.46 | T24" |
| 3 | 1267168.03 | 1018138.45 | 70.38 | T24" |
| 4 | 1267167.52 | 1018130.89 | 71.51 | B |
| 5 | 1267164.75 | 1018132.88 | 71.46 | B |
| 6 | 1267164.44 | 1018136.39 | 71.38 | B |
| 7 | 1267153.21 | 1018133.20 | 71.55 | B |
| 8 | 1267156.53 | 1018140.93 | 71.45 | B |
| 9 | 1267159.46 | 1018147.90 | 71.34 | B |
| 10 | 1267166.97 | 1018143.22 | 71.30 | B |
| 11 | 1267172.60 | 1018151.04 | 71.42 | B |
| 12 | 1267165.75 | 1018156.57 | 71.48 | B |
| 13 | 1267165.93 | 1018157.39 | 71.49 | B |
| 14 | 1267165.62 | 1018158.31 | 71.50 | B |
| 15 | 1267162.68 | 1018161.44 | 71.50 | B |
| 16 | 1267182.85 | 1018161.54 | 71.57 | B |
| 17 | 1267182.49 | 1018160.73 | 71.79 | And |
| 18 | 1267183.42 | 1018159.84 | 71.82 | And |
| 19 | 1267172.66 | 1018150.80 | 71.55 | And |
| 20 | 1267173.55 | 1018149.79 | 71.59 | And |
| 21 | 1267160.57 | 1018163.02 | 71.61 | V |
| 22 | 1267160.71 | 1018170.82 | 71.61 | V |
| 23 | 1267186.28 | 1018160.36 | 71.36 | Post |
| 24 | 1267185.55 | 1018163.31 | 71.58 | v |
| 25 | 1267184.63 | 1018170.82 | 71.81 | v |
| 26 | 1267212.02 | 1018163.75 | 71.45 | v |
| 27 | 1267212.24 | 1018170.76 | 71.66 | v |
| 28 | 1267212.46 | 1018158.12 | 70.68 | T |
| 29 | 1267212.43 | 1018153.76 | 69.65 | Ca |
| 30 | 1267260.77 | 1018152.41 | 69.50 | Ca |
| 31 | 1267260.70 | 1018156.20 | 70.93 | T |
| 32 | 1267261.26 | 1018164.11 | 71.52 | V |
| 33 | 1267261.03 | 1018171.46 | 71.75 | V |
| 34 | 1267286.61 | 1018172.05 | 72.18 | V |
| 35 | 1267287.58 | 1018174.60 | 71.45 | T-40 |
| 36 | 1267287.19 | 1018164.65 | 71.72 | V |
| 37 | 1267288.41 | 1018161.62 | 71.59 | box |
| 38 | 1267287.69 | 1018163.02 | 71.84 | box |
| 39 | 1267286.32 | 1018162.99 | 71.86 | box |
| 40 | 1267285.53 | 1018161.62 | 71.66 | box |
| 41 | 1267286.96 | 1018162.92 | 71.36 | T-40 |
| 42 | 1267288.98 | 1018160.45 | 69.98 | T |
| 43 | 1267289.01 | 1018151.95 | 69.31 | ca |
| 44 | 1267327.12 | 1018171.88 | 72.19 | V |
| 45 | 1267327.52 | 1018164.66 | 72.19 | V |
| 46 | 1267327.47 | 1018159.52 | 71.37 | T |
| 47 | 1267327.80 | 1018156.29 | 70.02 | T |
| 48 | 1267328.03 | 1018151.77 | 69.66 | ca |
| 49 | 1267360.12 | 1018172.05 | 72.36 | V |
| 50 | 1267360.07 | 1018165.22 | 72.25 | V |
| 51 | 1267360.72 | 1018151.44 | 69.22 | ca |
| 52 | 1267361.26 | 1018157.88 | 70.05 | T-24 |
| 53 | 1267360.52 | 1018160.99 | 71.62 | T |
| 54 | 1267413.97 | 1018172.69 | 72.91 | V |
| 55 | 1267398.76 | 1018172.40 | 72.90 | V |
| 56 | 1267398.02 | 1018176.41 | 72.99 | T |
| 57 | 1267413.41 | 1018174.83 | 73.12 | T |
| 58 | 1267413.55 | 1018176.91 | 71.69 | T-24 |
| 59 | 1267413.72 | 1018164.77 | 72.52 | V |
| 60 | 1267414.01 | 1018161.78 | 71.08 | T |
| 61 | 1267414.67 | 1018157.72 | 70.19 | T |
| 62 | 1267414.69 | 1018151.60 | 69.04 | can |
| 63 | 1267464.84 | 1018178.17 | 71.39 | T-24 |
| 64 | 1267464.46 | 1018175.11 | 73.16 | T |
| 65 | 1267464.57 | 1018173.11 | 73.39 | V |
| 66 | 1267464.19 | 1018165.79 | 73.48 | V |
| 67 | 1267464.21 | 1018163.20 | 73.10 | T |
| 68 | 1267464.54 | 1018158.04 | 70.67 | T |
| 69 | 1267464.08 | 1018152.47 | 70.06 | ca |
| 70 | 1267514.78 | 1018178.21 | 70.81 | Y-24 |
| 72 | 1267515.69 | 1018173.41 | 73.39 | V |
| 73 | 1267515.80 | 1018165.79 | 73.50 | V |
| 74 | 1267515.80 | 1018161.87 | 47.82 | T |
| 75 | 1267515.68 | 1018159.47 | 71.85 | T |
| 76 | 1267516.23 | 1018155.19 | 70.01 | ca |
| 77 | 1267567.18 | 1018173.26 | 73.37 | V |
| 78 | 1267566.97 | 1018178.60 | 72.54 | cer |
| 79 | 1267559.74 | 1018178.81 | 71.51 | cer-T-24 |
| 80 | 1267566.87 | 1018166.20 | 72.95 | V |
| 81 | 1267565.85 | 1018161.98 | 72.36 | T |
| 82 | 1267564.72 | 1018157.15 | 70.49 | T |
| 83 | 1267564.76 | 1018154.71 | 69.94 | ca |
| 84 | 1267589.36 | 1018175.73 | 72.96 | c#1 |
| 85 | 1267592.63 | 1018178.52 | 72.60 | Cer |
| 86 | 1267592.65 | 1018173.06 | 73.10 | V |
| 87 | 1267592.62 | 1018165.64 | 73.05 | V |
| 88 | 1267592.85 | 1018161.65 | 72.34 | T |
| 89 | 1267593.10 | 1018157.00 | 70.26 | T |
| 90 | 1267593.42 | 1018154.13 | 69.87 | ca |
| 91 | 1267648.67 | 1018151.12 | 69.30 | ca |
| 92 | 1267658.30 | 1018151.36 | 69.38 | ca |
| 93 | 1267665.38 | 1018154.43 | 69.12 | box |
| 94 | 1267667.28 | 1018153.24 | 71.16 | box |
| 95 | 1267667.12 | 1018150.78 | 71.45 | box |
| 96 | 1267665.91 | 1018149.27 | 70.29 | box |
| 97 | 1267657.52 | 1018165.11 | 72.77 | V |
| 98 | 1267656.53 | 1018172.33 | 72.78 | V |
| 99 | 1267656.38 | 1018173.30 | 72.54 | T |
| 100 | 1267655.86 | 1018177.25 | 70.60 | T-24 |
| 101 | 1267662.26 | 1018165.34 | 72.92 | V |
| 102 | 1267667.46 | 1018160.23 | 72.34 | V |
| 103 | 1267669.59 | 1018155.09 | 71.78 | V |
| 104 | 1267675.93 | 1018154.49 | 71.69 | V |
| 105 | 1267675.32 | 1018135.96 | 70.86 | V |
| 106 | 1267669.28 | 1018135.69 | 70.67 | V |
| 107 | 1267627.21 | 1018178.53 | 71.64 | T-24-cer |
| 108 | 1267620.23 | 1018191.60 | 71.53 | cer |
| 109 | 1267455.05 | 1018159.44 | 73.72 | Box |
| 110 | 1267455.49 | 1018160.37 | 73.14 | Box |
| 111 | 1267457.84 | 1018160.43 | 73.18 | Box |
| 112 | 1267453.63 | 1018174.90 | 73.99 | Box |
| 113 | 1267454.31 | 1018173.98 | 74.23 | Box |
| 114 | 1267456.79 | 1018174.25 | 74.28 | Box |
| 115 | 1267183.42 | 1018149.23 | 69.56 | Ca |
| 116 | 1267210.89 | 1018140.08 | 70.19 | T24" |
| 117 | 1267210.26 | 1018145.80 | 69.79 | Ca |
| 118 | 1267260.54 | 1018140.74 | 70.41 | T24" |
| 119 | 1267261.61 | 1018145.87 | 69.82 | Ca |
| 120 | 1267289.37 | 1018145.35 | 70.48 | Ca |
| 121 | 1267289.73 | 1018141.60 | 70.96 | T24" |
| 122 | 1267322.03 | 1018141.97 | 72.91 | T24" |
| 123 | 1267330.84 | 1018146.05 | 70.04 | Ca |
| 124 | 1267347.36 | 1018142.38 | 70.12 | Cerca |
| 125 | 1267361.32 | 1018144.02 | 70.41 | Cerca |
| 126 | 1267362.38 | 1018146.02 | 70.22 | Ca |
| 127 | 1267409.41 | 1018145.08 | 69.97 | Cerca |
| 129 | 1267414.67 | 1018145.55 | 70.04 | Ca |
| 130 | 1267415.46 | 1018143.23 | 70.00 | T |
| 131 | 1267460.97 | 1018140.46 | 71.25 | T |
| 132 | 1267461.48 | 1018143.31 | 70.92 | Ca |
| 133 | 1267466.51 | 1018143.14 | 70.79 | cerca |
| 134 | 1267514.16 | 1018146.04 | 71.34 | cerca |
| 135 | 1267514.56 | 1018147.01 | 70.73 | Ca |
| 136 | 1267564.21 | 1018148.39 | 70.20 | Ca |
| 137 | 1267564.65 | 1018147.73 | 70.38 | Cerca |
| 138 | 1267591.84 | 1018146.31 | 71.11 | Cerca |
| 139 | 1267591.93 | 1018147.45 | 70.13 | Ca |
| 140 | 1267646.69 | 1018146.21 | 69.19 | Ca |
| 141 | 1267646.30 | 1018144.81 | 69.93 | Cerca |
| 142 | 1267589.36 | 1018175.73 | 72.96 | c#1 |
| 143 | 1267678.57 | 1018158.88 | 71.82 | V |
| 144 | 1267686.21 | 1018164.21 | 72.48 | V |
| 145 | 1267679.94 | 1018153.85 | 69.55 | Box |
| 146 | 1267678.25 | 1018153.11 | 70.85 | Box |
| 147 | 1267678.31 | 1018150.35 | 70.86 | Box |
| 148 | 1267679.84 | 1018149.13 | 69.60 | Box |
| 149 | 1267699.10 | 1018154.84 | 70.01 | Ca |
| 150 | 1267698.56 | 1018158.56 | 71.60 | T |
| 151 | 1267698.79 | 1018161.04 | 72.10 | T |
| 152 | 1267699.03 | 1018164.09 | 73.08 | V |
| 153 | 1267699.90 | 1018172.05 | 72.44 | V |
| 154 | 1267700.87 | 1018174.32 | 72.34 | T |
| 155 | 1267700.93 | 1018178.15 | 71.01 | T24" |
| 156 | 1267757.83 | 1018177.66 | 71.30 | T24" |
| 157 | 1267757.86 | 1018173.32 | 72.90 | T |
| 158 | 1267758.27 | 1018171.50 | 73.29 | V |
| 159 | 1267757.61 | 1018164.40 | 73.19 | V |
| 160 | 1267757.14 | 1018162.67 | 72.84 | T |
| 161 | 1267757.63 | 1018159.60 | 71.69 | T |
| 162 | 1267758.72 | 1018155.59 | 69.75 | Ca |
| 163 | 1267809.94 | 1018154.63 | 71.63 | Ca |
| 164 | 1267810.59 | 1018156.66 | 72.50 | T |
| 165 | 1267810.57 | 1018160.36 | 72.02 | T |
| 166 | 1267810.07 | 1018163.89 | 73.26 | V |
| 167 | 1267809.73 | 1018171.12 | 73.34 | V |
| 168 | 1267810.82 | 1018172.79 | 73.03 | T |
| 169 | 1267810.78 | 1018177.54 | 71.31 | T24" |
| 170 | 1267859.30 | 1018177.20 | 70.51 | T24" |
| 171 | 1267859.72 | 1018174.41 | 71.30 | T |
| 172 | 1267859.58 | 1018172.76 | 71.60 | T |
| 173 | 1267859.20 | 1018171.61 | 72.05 | V |
| 174 | 1267859.43 | 1018164.56 | 72.18 | V |
| 175 | 1267859.52 | 1018161.79 | 72.16 | T |
| 176 | 1267859.37 | 1018154.29 | 69.26 | Ca |
| 177 | 1267906.80 | 1018154.96 | 70.31 | Ca |
| 178 | 1267906.81 | 1018159.34 | 72.64 | T |
| 179 | 1267906.98 | 1018161.53 | 73.70 | T |
| 180 | 1267907.06 | 1018163.61 | 73.89 | V |
| 181 | 1267906.77 | 1018170.49 | 73.93 | V |
| 182 | 1267906.50 | 1018171.82 | 73.60 | T |
| 183 | 1267906.20 | 1018176.76 | 71.71 | T24" |
| 184 | 1267958.57 | 1018176.42 | 72.39 | T24" |
| 185 | 1267958.47 | 1018171.87 | 74.07 | T |
| 186 | 1267958.24 | 1018171.02 | 74.25 | V |
| 187 | 1267961.17 | 1018164.35 | 75.34 | V |
| 188 | 1267961.58 | 1018162.67 | 75.01 | T |
| 189 | 1267962.46 | 1018159.38 | 73.48 | T |
| 190 | 1267962.14 | 1018156.02 | 71.53 | Ca |
| 191 | 1268014.20 | 1018153.84 | 69.50 | Ca |
| 192 | 1268015.07 | 1018156.38 | 70.50 | T |
| 193 | 1268015.58 | 1018158.35 | 71.35 | T |
| 194 | 1268015.31 | 1018161.80 | 72.62 | T |
| 195 | 1268015.77 | 1018163.72 | 72.93 | V |
| 196 | 1268015.18 | 1018170.87 | 72.94 | V |
| 197 | 1268014.25 | 1018176.26 | 72.44 | T24" |
| 198 | 1268018.91 | 1018181.69 | 72.07 | Cer |
| 199 | 1268024.21 | 1018176.16 | 72.47 | Cer-T24" |
| 200 | 1268007.75 | 1018171.05 | 73.20 | Puente |

### CARTERA TOPOGRAFICA CAÑO YONDO

| PUNTO | NORTE | ESTE | COTA | OBS |
|---|---|---|---|---|
| 201 | 1268007.56 | 1018163.58 | 73.21 | Puente |
| 202 | 1267996.89 | 1018163.57 | 73.10 | Puente |
| 203 | 1267996.81 | 1018170.68 | 73.18 | Puente |
| 204 | 1268066.87 | 1018175.75 | 72.62 | Cerca |
| 205 | 1268067.12 | 1018173.84 | 73.16 | T |
| 206 | 1268067.32 | 1018171.74 | 73.21 | V |
| 207 | 1268067.32 | 1018165.06 | 73.24 | V |
| 208 | 1268067.40 | 1018163.01 | 73.11 | T |
| 209 | 1268067.26 | 1018160.64 | 71.88 | T |
| 210 | 1268067.65 | 1018155.28 | 69.86 | Ca |
| 211 | 1268116.69 | 1018157.62 | 70.96 | Ca |
| 212 | 1268117.40 | 1018160.07 | 71.79 | T |
| 213 | 1268117.73 | 1018162.73 | 73.48 | T |
| 214 | 1268117.49 | 1018165.66 | 73.15 | V |
| 215 | 1268117.44 | 1018172.72 | 73.18 | V |
| 216 | 1268118.05 | 1018174.25 | 72.90 | T |
| 217 | 1268118.12 | 1018175.87 | 72.11 | Cerc T-24" |
| 218 | 1268168.01 | 1018177.39 | 71.21 | T24" |
| 219 | 1268167.87 | 1018174.90 | 72.90 | T |
| 220 | 1268168.02 | 1018173.18 | 73.16 | V |
| 221 | 1268167.94 | 1018166.66 | 73.05 | V |
| 222 | 1268167.54 | 1018163.65 | 72.80 | T |
| 223 | 1268167.41 | 1018160.94 | 71.22 | T |
| 224 | 1268168.34 | 1018157.11 | 69.49 | Ca |
| 225 | 1268221.49 | 1018158.61 | 69.57 | Ca |
| 226 | 1268221.53 | 1018161.36 | 71.52 | T |
| 227 | 1268221.04 | 1018163.53 | 73.06 | T |
| 228 | 1268221.52 | 1018165.28 | 73.42 | V |
| 229 | 1268222.13 | 1018172.75 | 73.51 | V |
| 230 | 1268221.73 | 1018175.04 | 72.75 | T |
| 231 | 1268221.69 | 1018178.21 | 71.32 | T24" |
| 232 | 1268275.03 | 1018179.91 | 70.13 | T24" |
| 233 | 1268275.53 | 1018176.82 | 71.24 | T |
| 234 | 1268275.42 | 1018174.34 | 72.43 | T |
| 235 | 1268275.69 | 1018172.72 | 72.58 | V |
| 236 | 1268275.28 | 1018166.35 | 72.74 | V |
| 237 | 1268275.05 | 1018164.70 | 72.46 | T |
| 238 | 1268274.31 | 1018161.74 | 70.89 | T |
| 239 | 1268274.49 | 1018157.92 | 69.35 | Ca |
| 240 | 1268326.92 | 1018157.14 | 70.97 | Ca |
| 241 | 1268327.64 | 1018159.88 | 72.27 | T |
| 242 | 1268327.45 | 1018162.55 | 73.43 | T |
| 243 | 1268327.51 | 1018164.17 | 73.68 | V |
| 244 | 1268327.55 | 1018170.55 | 73.77 | V |
| 245 | 1268328.06 | 1018173.61 | 73.46 | T |
| 246 | 1268328.77 | 1018180.70 | 71.58 | T24" |
| 247 | 1268328.89 | 1018178.59 | 71.23 | T |
| 248 | 1268379.15 | 1018182.28 | 70.28 | T24" |
| 249 | 1268377.94 | 1018176.23 | 71.11 | T |
| 250 | 1268378.05 | 1018173.51 | 72.28 | T |
| 251 | 1268377.95 | 1018171.98 | 72.40 | V |
| 252 | 1268378.94 | 1018164.89 | 72.42 | V |
| 253 | 1268379.46 | 1018163.75 | 72.24 | T |
| 254 | 1268378.85 | 1018157.50 | 69.56 | Ca |
| 255 | 1268425.59 | 1018158.32 | 69.85 | Ca |
| 256 | 1268426.07 | 1018160.28 | 70.80 | T |
| 257 | 1268426.17 | 1018164.24 | 72.06 | T |
| 258 | 1268426.64 | 1018164.92 | 72.18 | V |
| 259 | 1268427.06 | 1018171.65 | 72.22 | V |
| 260 | 1268427.31 | 1018173.38 | 71.98 | T |
| 261 | 1268427.18 | 1018176.29 | 70.65 | T |
| 262 | 1268478.05 | 1018175.46 | 70.99 | T |
| 263 | 1268478.22 | 1018173.04 | 72.02 | T |
| 264 | 1268478.18 | 1018171.74 | 72.18 | V |
| 265 | 1268479.16 | 1018164.57 | 72.18 | V |
| 266 | 1268479.29 | 1018162.70 | 71.62 | T |
| 267 | 1268478.96 | 1018160.98 | 70.73 | T |
| 268 | 1268479.23 | 1018155.72 | 69.15 | ca |
| 269 | 1268529.68 | 1018155.14 | 69.10 | ca |
| 270 | 1268529.54 | 1018158.58 | 69.80 | T |
| 271 | 1268529.46 | 1018160.36 | 71.11 | T |
| 272 | 1268529.44 | 1018164.89 | 71.50 | V |
| 273 | 1268529.77 | 1018171.64 | 71.54 | V |
| 274 | 1268530.09 | 1018173.01 | 71.37 | T |
| 275 | 1268530.18 | 1018176.34 | 69.97 | T |
| 276 | 1268579.66 | 1018176.57 | 71.11 | T |
| 277 | 1268579.94 | 1018173.57 | 71.18 | T |
| 278 | 1268580.02 | 1018172.15 | 71.33 | V |
| 279 | 1268580.57 | 1018165.26 | 71.31 | V |
| 280 | 1268580.44 | 1018161.83 | 71.10 | T |
| 281 | 1268580.56 | 1018160.99 | 70.57 | T |
| 282 | 1268580.36 | 1018157.12 | 69.09 | Ca |
| 283 | 1268627.85 | 1018157.47 | 68.70 | Ca |
| 284 | 1268629.16 | 1018160.77 | 70.30 | T |
| 285 | 1268629.43 | 1018164.32 | 71.17 | T |
| 286 | 1268629.83 | 1018165.07 | 71.31 | V |
| 287 | 1268629.68 | 1018172.13 | 71.30 | V |
| 288 | 1268629.78 | 1018174.28 | 71.14 | T |
| 289 | 1268629.89 | 1018177.64 | 70.92 | T |
| 290 | 1268681.98 | 1018176.19 | 70.93 | T |
| 291 | 1268682.03 | 1018173.94 | 71.32 | T |
| 292 | 1268682.02 | 1018172.11 | 71.52 | V |
| 293 | 1268681.79 | 1018164.85 | 71.26 | V |
| 294 | 1268681.80 | 1018163.44 | 71.05 | T |
| 295 | 1268681.37 | 1018160.54 | 70.66 | T |
| 296 | 1268680.55 | 1018155.86 | 69.34 | Ca |
| 297 | 1268731.92 | 1018154.64 | 68.89 | Ca |
| 298 | 1268732.47 | 1018158.93 | 69.58 | T |
| 299 | 1268732.63 | 1018160.51 | 70.48 | T |
| 300 | 1268732.67 | 1018163.00 | 71.00 | T |
| 301 | 1268732.80 | 1018164.86 | 71.29 | V |
| 302 | 1268732.88 | 1018171.66 | 71.01 | V |
| 303 | 1268732.92 | 1018173.89 | 70.81 | T |
| 304 | 1268732.98 | 1018176.14 | 70.30 | T |
| 305 | 1268787.07 | 1018178.04 | 77.19 | T24" |
| 306 | 1268786.77 | 1018175.82 | 78.28 | T |
| 307 | 1268786.62 | 1018173.78 | 78.85 | T |
| 308 | 1268786.67 | 1018172.49 | 78.93 | V |
| 309 | 1268786.64 | 1018166.03 | 78.91 | V |
| 310 | 1268786.69 | 1018163.61 | 78.77 | T |
| 311 | 1268786.71 | 1018162.29 | 78.48 | T |
| 312 | 1268786.74 | 1018160.67 | 77.56 | T |
| 313 | 1268786.42 | 1018157.16 | 77.10 | Ca |
| 314 | 1268840.18 | 1018157.11 | 69.26 | Ca |
| 315 | 1268840.19 | 1018160.14 | 69.94 | T |
| 316 | 1268840.14 | 1018163.06 | 70.94 | T |
| 317 | 1268840.31 | 1018164.86 | 71.14 | V |
| 318 | 1268840.13 | 1018172.04 | 71.29 | V |
| 319 | 1268840.33 | 1018175.36 | 70.97 | T |
| 320 | 1268840.57 | 1018177.47 | 70.92 | T24" |
| 321 | 1268831.96 | 1018174.53 | 70.46 | Box |
| 322 | 1268830.29 | 1018173.73 | 71.07 | Box |
| 323 | 1268829.13 | 1018173.63 | 71.13 | Box |
| 324 | 1268827.62 | 1018174.89 | 70.42 | Box |
| 325 | 1268827.58 | 1018161.45 | 70.74 | Box |
| 326 | 1268829.01 | 1018162.76 | 71.30 | Box |
| 327 | 1268830.42 | 1018162.76 | 71.41 | Box |
| 328 | 1268832.04 | 1018161.76 | 70.95 | Box |
| 329 | 1268892.16 | 1018156.82 | 69.02 | Ca |
| 330 | 1268892.30 | 1018158.61 | 69.51 | T |
| 331 | 1268891.86 | 1018160.63 | 70.30 | T |
| 332 | 1268892.27 | 1018162.13 | 70.91 | T |
| 333 | 1268891.50 | 1018164.86 | 71.19 | V |
| 334 | 1268891.57 | 1018171.42 | 71.48 | V |
| 335 | 1268891.34 | 1018172.70 | 71.30 | T |
| 336 | 1268891.12 | 1018177.13 | 71.16 | T24" |
| 337 | 1268942.56 | 1018178.07 | 71.44 | T24" |
| 338 | 1268942.48 | 1018175.02 | 72.20 | T |
| 339 | 1268942.45 | 1018172.96 | 72.77 | T |
| 340 | 1268942.42 | 1018171.72 | 73.00 | V |
| 341 | 1268941.97 | 1018164.61 | 73.36 | V |
| 342 | 1268941.44 | 1018163.19 | 73.02 | T |
| 343 | 1268941.64 | 1018161.22 | 72.61 | T |
| 344 | 1268941.59 | 1018157.59 | 71.59 | Ca |
| 345 | 1268993.54 | 1018157.29 | 69.16 | Ca |
| 346 | 1268994.49 | 1018160.39 | 69.83 | T |
| 347 | 1268995.13 | 1018162.98 | 70.80 | T |
| 348 | 1268995.11 | 1018164.50 | 71.07 | V |
| 349 | 1268995.57 | 1018171.45 | 70.91 | V |
| 350 | 1268995.68 | 1018172.68 | 70.63 | T |
| 351 | 1268995.93 | 1018177.28 | 69.40 | T24" |
| 352 | 1269047.92 | 1018178.04 | 65.54 | T24" |
| 353 | 1269047.58 | 1018175.66 | 66.62 | T |
| 354 | 1269047.38 | 1018173.17 | 67.61 | T |
| 355 | 1269047.46 | 1018171.96 | 67.77 | V |
| 356 | 1269047.95 | 1018165.17 | 67.54 | V |
| 357 | 1269047.57 | 1018163.33 | 67.43 | T |
| 358 | 1269047.70 | 1018162.00 | 67.05 | T |
| 359 | 1269047.80 | 1018158.61 | 66.03 | Ca |
| 360 | 1269054.18 | 1018162.82 | 72.68 | Box |
| 361 | 1269055.45 | 1018163.92 | 73.44 | Box |
| 362 | 1269056.73 | 1018164.19 | 73.45 | Box |
| 363 | 1269058.32 | 1018162.83 | 72.77 | Box |
| 364 | 1269058.44 | 1018176.14 | 72.81 | Box |
| 365 | 1269057.22 | 1018175.03 | 73.28 | Box |
| 366 | 1269055.84 | 1018174.83 | 73.22 | Box |
| 367 | 1269054.32 | 1018176.06 | 72.74 | Box |
| 368 | 1269097.76 | 1018176.63 | 70.77 | T24" |
| 369 | 1269097.67 | 1018173.34 | 71.00 | T |
| 370 | 1269097.70 | 1018171.61 | 71.26 | V |
| 371 | 1269097.59 | 1018164.57 | 71.20 | V |
| 372 | 1269097.52 | 1018163.00 | 70.41 | T |
| 373 | 1269097.61 | 1018161.02 | 70.06 | T |
| 374 | 1269097.66 | 1018159.13 | 69.00 | T |
| 375 | 1269098.17 | 1018155.36 | 68.92 | Ca |
| 376 | 1269147.53 | 1018156.69 | 69.03 | Ca |
| 377 | 1269147.50 | 1018160.05 | 69.62 | T |
| 378 | 1269146.77 | 1018162.75 | 70.88 | T |
| 379 | 1269147.09 | 1018164.30 | 71.21 | V |
| 380 | 1269147.61 | 1018171.09 | 71.24 | V |
| 381 | 1269147.67 | 1018172.55 | 70.95 | T |
| 382 | 1269148.03 | 1018173.88 | 70.76 | T |
| 383 | 1269148.28 | 1018176.94 | 69.86 | T24" |
| 384 | 1269195.19 | 1018176.02 | 70.37 | T24" |
| 385 | 1269195.38 | 1018173.41 | 71.01 | T |
| 386 | 1269195.26 | 1018171.51 | 71.30 | V |
| 387 | 1269195.96 | 1018164.74 | 71.30 | V |
| 388 | 1269195.76 | 1018163.44 | 71.15 | T |
| 389 | 1269195.08 | 1018160.39 | 70.10 | T |
| 390 | 1269194.74 | 1018156.71 | 68.98 | Ca |
| 391 | 1269257.77 | 1018156.88 | 68.95 | Ca |
| 392 | 1269257.27 | 1018158.62 | 70.09 | T |
| 393 | 1269257.49 | 1018161.45 | 71.02 | T |
| 394 | 1269257.94 | 1018164.72 | 71.64 | V |
| 395 | 1269258.08 | 1018171.41 | 71.69 | V |
| 396 | 1269257.96 | 1018173.15 | 71.54 | T |
| 397 | 1269258.70 | 1018177.42 | 69.69 | T24" |
| 398 | 1269248.19 | 1018175.06 | 72.99 | Box |
| 399 | 1269249.55 | 1018173.93 | 73.53 | Box |
| 400 | 1269252.35 | 1018173.75 | 73.46 | Box |

### CARTERA TOPOGRAFICA CAÑO YONDO

| PUNTO | NORTE | ESTE | COTA | OBS |
|---|---|---|---|---|
| 401 | 1269253.93 | 1018174.97 | 73.07 | Box |
| 402 | 1269253.51 | 1018162.26 | 74.06 | Box |
| 403 | 1269252.01 | 1018163.37 | 74.72 | Box |
| 404 | 1269248.97 | 1018162.90 | 71.09 | Box |
| 405 | 1269247.33 | 1018161.83 | 70.18 | Box |
| 406 | 1269204.48 | 1018174.80 | 70.99 | C#2 |
| 407 | 1269206.02 | 1018171.64 | 71.29 | V |
| 408 | 1269210.05 | 1018174.99 | 70.95 | V |
| 409 | 1269212.47 | 1018182.69 | 70.36 | V |
| 410 | 1269215.72 | 1018182.93 | 70.47 | V |
| 411 | 1269216.67 | 1018176.29 | 70.78 | V |
| 412 | 1269220.47 | 1018171.88 | 71.33 | V |
| 413 | 1268847.34 | 1018172.23 | 72.95 | V |
| 414 | 1268843.90 | 1018175.50 | 72.26 | V |
| 415 | 1268843.08 | 1018181.67 | 72.48 | V |
| 416 | 1268838.83 | 1018181.50 | 72.48 | V |
| 417 | 1268837.67 | 1018175.87 | 72.75 | V |
| 418 | 1268835.14 | 1018172.89 | 72.92 | V |
| 419 | 1268676.01 | 1018172.01 | 71.35 | V |
| 420 | 1268670.85 | 1018175.67 | 71.27 | V |
| 421 | 1268669.27 | 1018182.11 | 71.38 | V |
| 422 | 1268664.87 | 1018181.81 | 71.35 | V |
| 423 | 1268663.77 | 1018176.36 | 71.56 | V |
| 424 | 1268660.36 | 1018172.50 | 71.66 | V |
| 425 | 1268581.48 | 1018172.22 | 71.32 | V |
| 426 | 1268579.54 | 1018174.89 | 71.22 | V |
| 427 | 1268576.82 | 1018184.86 | 70.96 | V |
| 428 | 1268572.40 | 1018184.76 | 70.97 | V |
| 429 | 1268571.48 | 1018176.10 | 71.16 | V |
| 430 | 1268567.63 | 1018172.20 | 71.31 | V |
| 431 | 1268372.05 | 1018172.11 | 72.48 | V |
| 432 | 1268369.56 | 1018177.42 | 72.12 | V |
| 433 | 1268368.27 | 1018183.94 | 71.36 | V |
| 434 | 1268364.28 | 1018183.84 | 71.52 | V |
| 435 | 1268363.97 | 1018177.94 | 72.00 | V |
| 436 | 1268360.84 | 1018172.33 | 72.45 | V |
| 437 | 1268026.15 | 1018171.72 | 77.06 | V |
| 438 | 1268017.72 | 1018175.94 | 72.72 | V |
| 439 | 1268013.87 | 1018182.30 | 72.23 | V |
| 440 | 1268010.44 | 1018181.58 | 72.16 | V |
| 441 | 1268012.73 | 1018175.56 | 72.58 | V |
| 442 | 1268011.37 | 1018171.32 | 73.18 | V |
| 443 | 1267990.32 | 1018170.82 | 73.18 | V |
| 444 | 1267987.08 | 1018175.53 | 72.77 | V |
| 445 | 1267983.00 | 1018182.41 | 72.19 | V |
| 446 | 1267977.61 | 1018181.17 | 72.28 | V |
| 447 | 1267977.00 | 1018175.52 | 72.96 | V |
| 448 | 1267972.48 | 1018171.07 | 73.34 | V |
| 449 | 1267589.36 | 1018175.73 | 72.96 | c#1 |
| 450 | 1267696.86 | 1018149.25 | 72.13 | Ca |
| 451 | 1267697.72 | 1018144.87 | 72.57 | T |
| 452 | 1267757.21 | 1018140.37 | 70.05 | T |
| 453 | 1267758.48 | 1018145.64 | 69.62 | Ca |
| 454 | 1267806.02 | 1018140.36 | 69.75 | T |
| 455 | 1267807.40 | 1018145.59 | 68.79 | Ca |
| 456 | 1267859.20 | 1018138.10 | 71.52 | T |
| 457 | 1267858.69 | 1018143.29 | 69.98 | Ca |
| 458 | 1267906.32 | 1018137.73 | 70.53 | T |
| 459 | 1267907.89 | 1018143.00 | 69.86 | Ca |
| 460 | 1267961.28 | 1018140.36 | 71.88 | T |
| 461 | 1267962.14 | 1018146.19 | 70.86 | Ca |
| 462 | 1268016.76 | 1018140.43 | 70.15 | Ca |
| 463 | 1268016.65 | 1018135.45 | 70.64 | T |
| 464 | 1268064.52 | 1018139.05 | 70.30 | T |
| 465 | 1268065.02 | 1018143.56 | 70.10 | Ca |
| 466 | 1268115.46 | 1018147.63 | 71.24 | Ca |
| 467 | 1268116.55 | 1018141.99 | 71.63 | T |
| 468 | 1268165.48 | 1018141.95 | 71.99 | T |
| 469 | 1268166.01 | 1018146.29 | 71.39 | Ca |
| 470 | 1268220.78 | 1018143.63 | 72.68 | T |
| 471 | 1268221.64 | 1018147.80 | 71.96 | Ca |
| 472 | 1268276.89 | 1018149.50 | 74.10 | Ca |
| 473 | 1268278.68 | 1018144.89 | 74.49 | T |
| 474 | 1268278.75 | 1018145.00 | 74.46 | T |
| 475 | 1268329.96 | 1018145.00 | 70.92 | T |
| 476 | 1268330.45 | 1018148.56 | 70.18 | Ca |
| 477 | 1268379.34 | 1018150.36 | 71.58 | Ca |
| 478 | 1268381.42 | 1018142.40 | 73.02 | Ca |
| 479 | 1268426.10 | 1018141.52 | 70.92 | T |
| 480 | 1268427.11 | 1018147.31 | 70.38 | Ca |
| 481 | 1268478.31 | 1018142.80 | 69.88 | T |
| 482 | 1268479.26 | 1018148.12 | 69.51 | Ca |
| 483 | 1268527.20 | 1018148.09 | 69.65 | Ca |
| 484 | 1268529.03 | 1018143.89 | 69.92 | T |
| 485 | 1268577.97 | 1018142.03 | 69.67 | T |
| 486 | 1268579.60 | 1018148.63 | 69.70 | Ca |
| 487 | 1268626.72 | 1018148.90 | 69.79 | Ca |
| 488 | 1268628.83 | 1018143.86 | 68.77 | T |
| 489 | 1268679.93 | 1018141.08 | 69.28 | T |
| 490 | 1268681.27 | 1018146.58 | 69.86 | Ca |
| 491 | 1268728.95 | 1018139.31 | 69.42 | T |
| 492 | 1268732.00 | 1018145.96 | 69.55 | Ca |
| 493 | 1268783.09 | 1018146.46 | 70.57 | Ca |
| 494 | 1268784.78 | 1018144.02 | 70.82 | T |
| 495 | 1268835.70 | 1018143.38 | 71.12 | T |
| 496 | 1268836.64 | 1018147.06 | 70.88 | Ca |
| 497 | 1268891.05 | 1018144.46 | 69.67 | T |
| 498 | 1268891.13 | 1018146.70 | 69.34 | Ca |
| 499 | 1268942.39 | 1018143.30 | 71.11 | T |
| 500 | 1268943.26 | 1018146.34 | 70.03 | Ca |
| 501 | 1268993.37 | 1018146.00 | 70.19 | Ca |
| 502 | 1268994.67 | 1018143.50 | 69.99 | T |
| 503 | 1269047.19 | 1018143.58 | 69.84 | T |
| 504 | 1269047.94 | 1018146.90 | 69.56 | Ca |
| 505 | 1269095.27 | 1018147.31 | 69.51 | Ca |
| 506 | 1269096.97 | 1018144.30 | 69.61 | T |
| 507 | 1269144.99 | 1018143.32 | 70.88 | T |
| 508 | 1269147.10 | 1018147.00 | 69.53 | Ca |
| 509 | 1269195.39 | 1018137.96 | 69.33 | T |
| 510 | 1269197.19 | 1018147.83 | 69.13 | Ca |
| 511 | 1269254.81 | 1018147.50 | 68.89 | Ca |
| 512 | 1269256.05 | 1018144.13 | 69.13 | T |
| 513 | 1269204.48 | 1018174.80 | 70.99 | C#2 |
| 514 | 1270146.46 | 1018177.11 | 70.95 | C#3 |
| 515 | 1270146.46 | 1018177.11 | 70.95 | C#3 |
| 516 | 1270076.95 | 1018178.84 | 71.16 | BTub |
| 517 | 1270077.13 | 1018176.37 | 71.66 | T |
| 518 | 1270077.21 | 1018173.92 | 71.75 | V |
| 519 | 1270077.26 | 1018167.14 | 71.80 | V |
| 520 | 1270077.17 | 1018165.22 | 71.72 | T |
| 521 | 1270077.37 | 1018162.78 | 70.56 | Cerc |
| 522 | 1270028.50 | 1018163.96 | 74.41 | Cerc |
| 523 | 1270028.39 | 1018166.07 | 75.22 | T |
| 524 | 1270028.81 | 1018167.67 | 75.46 | V |
| 525 | 1270029.57 | 1018174.50 | 75.45 | V |
| 526 | 1270029.66 | 1018176.04 | 73.76 | T |
| 527 | 1270029.41 | 1018179.23 | 73.92 | BTub |
| 528 | 1269975.51 | 1018179.19 | 74.28 | BTub |
| 529 | 1269975.48 | 1018177.23 | 75.26 | T |
| 530 | 1269975.70 | 1018175.53 | 76.26 | T |
| 531 | 1269975.59 | 1018174.53 | 76.52 | V |
| 532 | 1269975.73 | 1018167.50 | 76.44 | V |
| 533 | 1269975.86 | 1018166.32 | 76.19 | T |
| 534 | 1269976.66 | 1018162.85 | 75.15 | T |
| 535 | 1269976.69 | 1018158.59 | 74.88 | ca |
| 536 | 1269927.86 | 1018159.62 | 71.03 | ca |
| 537 | 1269927.98 | 1018161.96 | 71.97 | T |
| 538 | 1269927.84 | 1018165.23 | 73.31 | T |
| 539 | 1269927.84 | 1018166.71 | 73.34 | V |
| 540 | 1269929.10 | 1018173.17 | 73.22 | V |
| 541 | 1269929.46 | 1018174.33 | 73.03 | T |
| 542 | 1269930.00 | 1018177.60 | 71.49 | BTub |
| 543 | 1269925.94 | 1018176.01 | 73.84 | Box |
| 544 | 1269924.66 | 1018174.66 | 74.14 | Box |
| 545 | 1269919.76 | 1018176.14 | 72.04 | Box |
| 546 | 1269918.46 | 1018177.34 | 71.80 | Box |
| 547 | 1269923.84 | 1018164.42 | 71.46 | Box |
| 548 | 1269922.62 | 1018165.54 | 72.05 | Box |
| 549 | 1269919.84 | 1018165.59 | 72.08 | Box |
| 550 | 1269918.84 | 1018164.33 | 71.39 | Box |
| 551 | 1269918.29 | 1018174.95 | 72.27 | V |
| 552 | 1269916.53 | 1018179.45 | 71.76 | V |
| 553 | 1269915.27 | 1018185.92 | 71.29 | V |
| 554 | 1269910.84 | 1018186.85 | 71.46 | V |
| 555 | 1269910.88 | 1018181.45 | 72.01 | V |
| 556 | 1269907.77 | 1018174.65 | 72.73 | V |
| 557 | 1269861.00 | 1018159.02 | 71.10 | Ca |
| 558 | 1269861.67 | 1018162.53 | 71.93 | T |
| 559 | 1269862.27 | 1018167.01 | 72.87 | T |
| 560 | 1269862.33 | 1018168.84 | 73.10 | V |
| 561 | 1269862.22 | 1018175.18 | 72.98 | V |
| 562 | 1269862.12 | 1018176.50 | 72.98 | T |
| 563 | 1269861.96 | 1018179.64 | 71.92 | BTub |
| 564 | 1269806.98 | 1018179.74 | 71.74 | BTub |
| 565 | 1269807.03 | 1018177.80 | 73.11 | T |
| 566 | 1269806.78 | 1018176.30 | 74.08 | T |
| 567 | 1269806.39 | 1018174.80 | 74.05 | V |
| 568 | 1269805.67 | 1018167.81 | 74.21 | V |
| 570 | 1269805.20 | 1018166.50 | 74.02 | T |
| 571 | 1269805.53 | 1018163.42 | 72.61 | T |
| 572 | 1269805.30 | 1018159.27 | 71.39 | Ca |
| 573 | 1269754.97 | 1018158.39 | 73.84 | Ca |
| 574 | 1269754.68 | 1018160.92 | 74.44 | T |
| 575 | 1269755.69 | 1018165.25 | 76.52 | T |
| 576 | 1269755.56 | 1018166.42 | 76.69 | V |
| 577 | 1269755.85 | 1018173.35 | 76.71 | V |
| 578 | 1269755.80 | 1018174.85 | 76.71 | T |
| 579 | 1269755.87 | 1018178.07 | 75.21 | BTub |
| 580 | 1269696.21 | 1018179.28 | 72.51 | BTub |
| 581 | 1269696.06 | 1018176.36 | 73.55 | T |
| 582 | 1269696.07 | 1018174.33 | 73.49 | V |
| 583 | 1269696.53 | 1018167.86 | 73.35 | V |
| 584 | 1269696.71 | 1018165.95 | 73.29 | T |
| 585 | 1269697.32 | 1018162.14 | 71.50 | T |
| 586 | 1269698.17 | 1018158.27 | 70.80 | Ca |
| 587 | 1269681.45 | 1018160.04 | 72.05 | BTub |
| 588 | 1269680.28 | 1018176.34 | 73.24 | BTub |
| 589 | 1269680.99 | 1018180.57 | 74.37 | BTub |
| 590 | 1269679.13 | 1018173.97 | 76.38 | V |
| 591 | 1269676.44 | 1018176.86 | 76.24 | V |
| 592 | 1269675.88 | 1018184.27 | 75.84 | V |
| 593 | 1269669.40 | 1018185.05 | 75.80 | V |
| 594 | 1269667.92 | 1018180.00 | 76.27 | V |
| 595 | 1269667.79 | 1018179.80 | 76.29 | V |
| 596 | 1269661.37 | 1018174.21 | 76.58 | V |
| 597 | 1269665.95 | 1018166.78 | 76.74 | V |
| 598 | 1269670.09 | 1018162.66 | 76.54 | V |
| 599 | 1269671.02 | 1018153.00 | 76.74 | V |
| 600 | 1269675.73 | 1018152.96 | 76.76 | V |

### CARTERA TOPOGRAFICA CAÑO YONDO

| PUNTO | NORTE | ESTE | COTA | OBS |
|---|---|---|---|---|
| 601 | 1269675.58 | 1018158.50 | 71.78 | V |
| 602 | 1269681.64 | 1018166.00 | 72.60 | V |
| 603 | 1269676.24 | 1018158.45 | 72.31 | Puente |
| 604 | 1269676.02 | 1018147.52 | 72.21 | Puente |
| 605 | 1269668.97 | 1018147.23 | 72.45 | Puente |
| 606 | 1269669.34 | 1018157.21 | 72.51 | Puente |
| 607 | 1269650.29 | 1018161.90 | 73.20 | Box |
| 608 | 1269648.88 | 1018163.96 | 74.12 | Box |
| 609 | 1269644.65 | 1018164.02 | 74.35 | Box |
| 610 | 1269643.74 | 1018163.21 | 73.79 | Box |
| 611 | 1269642.70 | 1018174.92 | 73.79 | Box |
| 612 | 1269643.87 | 1018174.39 | 74.12 | Box |
| 613 | 1269647.63 | 1018174.28 | 74.53 | Box |
| 614 | 1269638.96 | 1018178.30 | 73.42 | T24" |
| 615 | 1269639.09 | 1018175.59 | 73.75 | T |
| 616 | 1269639.08 | 1018173.11 | 74.40 | V |
| 617 | 1269639.70 | 1018166.89 | 74.46 | V |
| 619 | 1269639.33 | 1018164.14 | 74.32 | T |
| 620 | 1269638.88 | 1018162.46 | 72.78 | T |
| 621 | 1269638.88 | 1018158.03 | 71.89 | Ca |
| 622 | 1269622.04 | 1018180.55 | 71.64 | Cerc |
| 623 | 1269621.98 | 1018175.53 | 71.81 | Cerc |
| 624 | 1269584.32 | 1018175.90 | 72.40 | Cerc |
| 625 | 1269584.38 | 1018173.93 | 72.79 | V |
| 626 | 1269583.87 | 1018167.83 | 72.81 | V |
| 627 | 1269583.69 | 1018166.48 | 72.69 | T |
| 628 | 1269583.55 | 1018163.86 | 71.52 | T |
| 629 | 1269582.67 | 1018158.77 | 70.22 | Ca |
| 630 | 1269560.52 | 1018175.56 | 72.23 | Cerc |
| 631 | 1269561.47 | 1018178.64 | 71.57 | Cerc |
| 632 | 1269522.90 | 1018156.90 | 70.82 | Ca |
| 633 | 1269523.21 | 1018159.20 | 71.12 | T |
| 634 | 1269523.62 | 1018161.94 | 72.20 | T |
| 635 | 1269524.25 | 1018164.72 | 72.76 | T |
| 636 | 1269524.18 | 1018165.82 | 73.04 | V |
| 637 | 1269524.93 | 1018172.56 | 73.11 | V |
| 638 | 1269525.23 | 1018174.29 | 72.51 | T |
| 639 | 1269525.83 | 1018177.09 | 70.70 | T |
| 640 | 1269525.12 | 1018179.56 | 70.14 | T24" |
| 641 | 1269470.08 | 1018180.90 | 71.39 | T24" |
| 642 | 1269470.05 | 1018178.61 | 72.59 | T |
| 643 | 1269470.17 | 1018176.00 | 74.05 | T |
| 644 | 1269470.08 | 1018175.22 | 74.11 | V |
| 645 | 1269470.33 | 1018168.28 | 74.00 | V |
| 646 | 1269470.64 | 1018166.70 | 73.81 | T |
| 647 | 1269470.95 | 1018162.74 | 71.84 | T |
| 648 | 1269470.69 | 1018161.00 | 71.65 | Ca |
| 649 | 1269455.97 | 1018165.30 | 72.41 | Box |
| 650 | 1269454.56 | 1018166.08 | 73.00 | Box |
| 651 | 1269453.30 | 1018166.08 | 73.02 | Box |
| 652 | 1269451.82 | 1018165.17 | 72.30 | Box |
| 653 | 1269451.35 | 1018177.21 | 71.80 | Box |
| 654 | 1269452.73 | 1018176.58 | 72.44 | Box |
| 655 | 1269453.95 | 1018176.54 | 72.37 | Box |
| 656 | 1269455.31 | 1018177.67 | 71.65 | Box |
| 657 | 1269422.07 | 1018159.58 | 70.84 | Ca |
| 658 | 1269421.92 | 1018163.27 | 71.31 | T |
| 659 | 1269421.74 | 1018167.01 | 72.78 | T |
| 660 | 1269421.93 | 1018168.04 | 72.93 | V |
| 661 | 1269421.51 | 1018174.70 | 73.35 | V |
| 662 | 1269421.54 | 1018176.15 | 73.08 | T |
| 663 | 1269421.44 | 1018180.22 | 72.07 | T24" |
| 664 | 1269365.34 | 1018177.44 | 73.40 | T |
| 665 | 1269364.51 | 1018171.79 | 73.60 | V |
| 666 | 1269364.25 | 1018166.73 | 75.38 | V |
| 667 | 1269363.95 | 1018165.08 | 74.90 | T |
| 668 | 1269363.90 | 1018162.89 | 73.99 | T |
| 669 | 1269363.94 | 1018159.89 | 73.54 | T |
| 670 | 1269363.74 | 1018157.19 | 72.85 | Ca |
| 671 | 1269374.31 | 1018173.18 | 75.52 | V |
| 672 | 1269369.99 | 1018176.37 | 75.18 | V |
| 673 | 1269368.48 | 1018185.26 | 74.72 | V |
| 674 | 1269361.80 | 1018185.50 | 74.58 | V |
| 675 | 1269361.15 | 1018178.46 | 75.30 | V |
| 676 | 1269358.04 | 1018173.47 | 76.15 | V |
| 677 | 1269315.23 | 1018156.93 | 68.74 | Ca |
| 679 | 1269314.79 | 1018161.05 | 73.02 | T |
| 680 | 1269315.24 | 1018162.96 | 74.42 | T |
| 681 | 1269315.16 | 1018164.71 | 73.98 | V |
| 682 | 1269314.63 | 1018171.53 | 73.50 | V |
| 683 | 1269314.45 | 1018173.01 | 73.18 | T |
| 684 | 1269314.24 | 1018177.07 | 71.74 | T24" |
| 685 | 1269694.93 | 1018146.60 | 74.83 | Ca |
| 686 | 1269696.28 | 1018143.51 | 75.11 | T |
| 687 | 1269752.89 | 1018142.20 | 70.85 | T |
| 688 | 1269753.29 | 1018144.79 | 70.71 | Ca |
| 689 | 1269803.52 | 1018140.03 | 71.86 | T |
| 690 | 1269804.57 | 1018145.88 | 71.69 | Ca |
| 691 | 1269860.90 | 1018140.05 | 73.15 | T |
| 692 | 1269862.02 | 1018142.75 | 72.78 | Ca |
| 693 | 1269917.12 | 1018142.75 | 73.31 | T |
| 694 | 1269916.39 | 1018146.43 | 72.62 | Ca |
| 695 | 1269970.47 | 1018147.51 | 71.95 | Ca |
| 696 | 1269970.74 | 1018145.08 | 72.77 | T |
| 697 | 1270002.48 | 1018139.51 | 70.21 | T |
| 698 | 1270002.80 | 1018141.32 | 69.70 | Ca |
| 699 | 1270014.28 | 1018140.37 | 69.39 | Ca |
| 700 | 1270014.07 | 1018139.30 | 69.57 | T |
| 701 | 1269637.23 | 1018137.73 | 69.71 | T |
| 702 | 1269638.60 | 1018143.93 | 70.00 | T |
| 703 | 1269638.76 | 1018146.11 | 69.78 | ca |
| 704 | 1269583.79 | 1018144.02 | 69.95 | T |
| 705 | 1269583.58 | 1018145.98 | 69.52 | ca |
| 706 | 1269522.77 | 1018146.66 | 69.94 | ca |
| 707 | 1269522.49 | 1018145.03 | 71.31 | T |
| 708 | 1269473.15 | 1018144.10 | 71.87 | T |
| 709 | 1269473.28 | 1018146.14 | 71.31 | ca |
| 710 | 1269423.84 | 1018146.18 | 71.50 | ca |
| 711 | 1269423.19 | 1018143.66 | 71.72 | T |
| 712 | 1269367.12 | 1018143.10 | 71.35 | T |
| 713 | 1269367.01 | 1018145.78 | 71.29 | ca |
| 714 | 1269320.80 | 1018146.00 | 70.32 | T |
| 715 | 1269321.04 | 1018148.16 | 69.17 | ca |
| 716 | 1270017.22 | 1018162.15 | 70.89 | cer |
| 717 | 1270014.98 | 1018150.98 | 70.09 | cer |
| 718 | 1270015.66 | 1018150.68 | 70.05 | ca |
| 719 | 1269999.87 | 1018152.49 | 69.93 | ca |
| 720 | 1270091.41 | 1018176.31 | 71.86 | V |
| 721 | 1270098.01 | 1018183.28 | 71.28 | V |
| 722 | 1270101.50 | 1018194.62 | 71.22 | V |
| 723 | 1270107.90 | 1018194.90 | 71.25 | V |
| 724 | 1270110.66 | 1018183.48 | 71.35 | V |
| 725 | 1270117.24 | 1018174.36 | 71.76 | V |
| 726 | 1270124.40 | 1018179.63 | 71.32 | T |
| 727 | 1270124.28 | 1018174.87 | 71.65 | V |
| 728 | 1270124.10 | 1018167.37 | 71.78 | V |
| 729 | 1270124.28 | 1018166.67 | 71.81 | T |
| 730 | 1270124.89 | 1018163.04 | 70.46 | cer |
| 731 | 1270146.76 | 1018178.00 | 70.68 | BTub |
| 732 | 1270176.02 | 1018178.29 | 69.93 | BTub |
| 733 | 1270175.29 | 1018174.95 | 71.52 | T |
| 734 | 1270175.23 | 1018173.76 | 71.73 | V |
| 735 | 1270175.21 | 1018166.58 | 71.74 | V |
| 736 | 1270175.24 | 1018165.39 | 71.66 | T |
| 737 | 1270175.23 | 1018162.66 | 70.48 | cer |
| 738 | 1270224.88 | 1018162.85 | 71.43 | cer |
| 739 | 1270225.00 | 1018164.10 | 71.85 | T |
| 740 | 1270225.11 | 1018165.27 | 72.01 | V |
| 741 | 1270225.16 | 1018172.52 | 71.96 | V |
| 742 | 1270225.41 | 1018174.02 | 71.79 | T |
| 743 | 1270225.53 | 1018177.32 | 70.15 | BTub |
| 744 | 1270273.21 | 1018176.93 | 70.24 | BTub |
| 745 | 1270273.36 | 1018173.38 | 71.59 | T |
| 746 | 1270273.40 | 1018171.25 | 71.76 | V |
| 747 | 1270273.29 | 1018164.29 | 71.70 | V |
| 748 | 1270273.32 | 1018162.05 | 71.68 | T |
| 749 | 1270273.57 | 1018159.88 | 70.44 | cer |
| 750 | 1270280.92 | 1018159.77 | 70.76 | box |
| 751 | 1270279.68 | 1018161.20 | 71.70 | box |
| 752 | 1270278.18 | 1018161.22 | 71.84 | box |
| 753 | 1270276.58 | 1018174.86 | 70.79 | box |
| 754 | 1270277.55 | 1018173.56 | 71.50 | box |
| 755 | 1270279.68 | 1018173.50 | 71.50 | box |
| 756 | 1270285.89 | 1018170.99 | 71.84 | V |
| 757 | 1270294.06 | 1018174.20 | 71.60 | V |
| 758 | 1270300.59 | 1018181.53 | 71.38 | V |
| 759 | 1270303.27 | 1018189.75 | 71.28 | V |
| 760 | 1270310.44 | 1018189.44 | 71.41 | V |
| 761 | 1270310.50 | 1018180.30 | 71.55 | V |
| 762 | 1270311.82 | 1018174.98 | 71.65 | V |
| 763 | 1270316.46 | 1018169.75 | 71.89 | V |
| 764 | 1270291.81 | 1018176.63 | 70.66 | BTub-Fin |
| 765 | 1270343.21 | 1018169.20 | 70.46 | V |
| 766 | 1270343.61 | 1018162.16 | 70.54 | V |
| 767 | 1270343.61 | 1018160.88 | 70.35 | T |
| 768 | 1270329.91 | 1018155.86 | 69.92 | ca |
| 769 | 1270344.44 | 1018154.94 | 67.96 | ca |
| 770 | 1270383.52 | 1018153.59 | 67.99 | ca |
| 771 | 1270383.64 | 1018159.91 | 70.30 | T |
| 772 | 1270383.74 | 1018161.07 | 70.63 | V |
| 773 | 1270383.50 | 1018167.80 | 70.79 | V |
| 774 | 1270429.87 | 1018162.07 | 71.85 | V |
| 775 | 1270430.23 | 1018169.05 | 72.08 | V |
| 776 | 1270429.70 | 1018160.41 | 71.96 | T |
| 777 | 1270429.63 | 1018154.74 | 69.76 | ca |
| 778 | 1270458.93 | 1018153.82 | 70.67 | ca |
| 779 | 1270460.72 | 1018162.67 | 72.02 | V |
| 780 | 1270464.06 | 1018157.65 | 71.76 | V |
| 781 | 1270466.11 | 1018147.35 | 70.82 | V |
| 782 | 1270471.48 | 1018146.49 | 70.84 | V |
| 783 | 1270472.27 | 1018155.91 | 71.33 | V |
| 784 | 1270476.40 | 1018162.11 | 71.72 | V |
| 785 | 1270477.09 | 1018169.47 | 71.82 | V |
| 786 | 1270477.95 | 1018159.19 | 71.42 | BTub |
| 787 | 1270477.84 | 1018161.24 | 72.15 | T |
| 788 | 1270531.12 | 1018168.01 | 71.98 | V |
| 789 | 1270531.33 | 1018160.55 | 71.86 | V |
| 790 | 1270531.32 | 1018158.80 | 71.68 | T |
| 791 | 1270531.78 | 1018156.67 | 70.15 | BTub |
| 792 | 1270576.89 | 1018167.44 | 72.06 | V |
| 793 | 1270576.85 | 1018160.38 | 72.01 | V |
| 794 | 1270576.70 | 1018158.84 | 71.75 | T |
| 795 | 1270576.28 | 1018156.94 | 70.51 | BTub |
| 796 | 1270622.67 | 1018157.29 | 70.58 | BTub |
| 797 | 1270622.54 | 1018159.27 | 71.80 | T |
| 798 | 1270622.46 | 1018160.34 | 71.99 | V |
| 799 | 1270622.44 | 1018167.70 | 72.03 | V |
| 800 | 1270663.42 | 1018167.86 | 72.04 | V |

### CARTERA TOPOGRAFICA CAÑO YONDO

| PUNTO | NORTE | ESTE | COTA | OBS |
|---|---|---|---|---|
| 801 | 1270666.37 | 1018172.48 | 72.05 | V |
| 802 | 1270667.11 | 1018180.59 | 72.00 | V |
| 803 | 1270672.87 | 1018181.45 | 71.93 | V |
| 804 | 1270676.12 | 1018173.41 | 72.16 | V |
| 805 | 1270680.31 | 1018168.07 | 72.43 | V |
| 806 | 1270663.96 | 1018160.92 | 72.40 | V |
| 807 | 1270663.71 | 1018159.62 | 72.29 | T |
| 808 | 1270664.17 | 1018157.18 | 71.36 | BTub |
| 809 | 1270663.39 | 1018158.66 | 72.04 | box |
| 810 | 1270662.07 | 1018159.93 | 72.62 | box |
| 811 | 1270659.39 | 1018159.86 | 72.65 | box |
| 812 | 1270657.88 | 1018170.21 | 72.25 | box |
| 813 | 1270659.29 | 1018168.94 | 72.76 | box |
| 814 | 1270661.87 | 1018169.02 | 72.78 | box |
| 815 | 1270705.41 | 1018168.31 | 73.15 | V |
| 816 | 1270706.05 | 1018161.06 | 73.11 | V |
| 817 | 1270706.89 | 1018160.04 | 71.78 | T |
| 818 | 1270707.06 | 1018157.22 | 70.58 | BTub |
| 819 | 1270755.44 | 1018158.42 | 71.66 | BTub |
| 820 | 1270755.74 | 1018160.67 | 72.26 | T |
| 821 | 1270755.79 | 1018161.47 | 72.02 | V |
| 822 | 1270755.87 | 1018168.58 | 72.06 | V |
| 823 | 1270794.76 | 1018168.62 | 73.18 | V |
| 824 | 1270794.63 | 1018161.88 | 73.10 | V |
| 825 | 1270771.21 | 1018161.35 | 73.78 | V |
| 826 | 1270767.60 | 1018156.89 | 73.50 | V |
| 827 | 1270767.17 | 1018148.56 | 73.19 | V |
| 828 | 1270763.00 | 1018148.01 | 73.23 | V |
| 829 | 1270761.49 | 1018154.55 | 73.70 | V |
| 830 | 1270759.05 | 1018150.67 | 73.00 | ca |
| 831 | 1270755.75 | 1018156.18 | 72.91 | ca |
| 832 | 1270460.84 | 1018150.50 | 70.22 | ca |
| 833 | 1270323.38 | 1018161.93 | 72.78 | box |
| 834 | 1270325.68 | 1018162.01 | 72.72 | box |
| 835 | 1270326.07 | 1018160.15 | 71.64 | box |
| 836 | 1270324.53 | 1018172.49 | 71.43 | box |
| 837 | 1270323.30 | 1018171.23 | 72.02 | box |
| 838 | 1270321.11 | 1018171.15 | 71.76 | box |
| 839 | 1270094.21 | 1018186.33 | 71.45 | Mojon |
| 840 | 1267589.36 | 1018175.73 | 72.96 | C#1 |
| 841 | 1266933.11 | 1018868.72 | 72.40 | C#4 |
| 842 | 1266617.12 | 1018311.81 | 72.92 | GPS-Y-04 |
| 843 | 1267589.36 | 1018175.73 | 72.96 | c#1 |
| 844 | 1268003.48 | 1018178.28 | 69.99 | ca |
| 845 | 1268005.86 | 1018179.30 | 71.93 | T |
| 846 | 1268010.57 | 1018181.13 | 71.97 | T |
| 847 | 1267989.73 | 1018218.36 | 71.78 | T |
| 848 | 1267986.21 | 1018215.65 | 71.55 | T |
| 849 | 1267983.13 | 1018214.95 | 70.00 | ca |
| 850 | 1267968.79 | 1018255.32 | 71.72 | T |
| 851 | 1267965.50 | 1018252.72 | 71.62 | T |
| 852 | 1267963.20 | 1018252.43 | 70.34 | ca |
| 853 | 1267943.37 | 1018296.57 | 72.03 | Y |
| 854 | 1267940.33 | 1018294.49 | 71.86 | Y |
| 855 | 1267938.90 | 1018293.13 | 70.12 | ca |
| 856 | 1267917.21 | 1018338.22 | 72.34 | T |
| 857 | 1267913.81 | 1018336.82 | 71.78 | T |
| 858 | 1267911.46 | 1018335.89 | 70.00 | ca |
| 859 | 1267919.92 | 1018343.51 | 72.56 | cer |
| 860 | 1267896.63 | 1018384.13 | 72.27 | cer |
| 861 | 1267893.46 | 1018382.93 | 72.28 | T |
| 862 | 1267889.28 | 1018380.65 | 72.21 | T |
| 863 | 1267885.14 | 1018379.32 | 69.56 | ca |
| 864 | 1267862.09 | 1018443.54 | 71.90 | cer |
| 865 | 1267859.63 | 1018441.99 | 71.75 | T |
| 866 | 1267855.55 | 1018440.29 | 71.32 | T |
| 867 | 1267850.82 | 1018438.86 | 69.48 | ca |
| 868 | 1267838.50 | 1018482.47 | 72.03 | cer |
| 869 | 1267835.02 | 1018481.18 | 71.95 | T |
| 870 | 1267831.45 | 1018481.15 | 71.48 | T |
| 871 | 1267821.67 | 1018503.05 | 71.31 | box |
| 872 | 1267821.43 | 1018504.10 | 71.33 | box |
| 873 | 1267820.35 | 1018504.30 | 71.32 | box |
| 874 | 1267821.52 | 1018509.71 | 71.29 | box |
| 875 | 1267823.24 | 1018508.58 | 71.49 | box |
| 876 | 1267821.58 | 1018511.24 | 70.80 | box |
| 877 | 1267811.44 | 1018528.88 | 71.49 | cer |
| 878 | 1267808.34 | 1018527.61 | 70.26 | T |
| 879 | 1267804.16 | 1018525.51 | 71.00 | T |
| 880 | 1267799.84 | 1018524.09 | 69.64 | can |
| 881 | 1267780.83 | 1018582.60 | 72.12 | cer |
| 882 | 1267777.72 | 1018580.94 | 71.95 | T |
| 883 | 1267775.18 | 1018579.93 | 71.06 | T |
| 884 | 1267769.64 | 1018578.12 | 69.43 | ca |
| 885 | 1267757.68 | 1018623.43 | 71.65 | cer |
| 886 | 1267753.87 | 1018621.75 | 71.51 | T |
| 887 | 1267750.09 | 1018620.47 | 71.16 | T |
| 888 | 1267748.10 | 1018620.16 | 70.19 | T |
| 889 | 1267742.78 | 1018617.40 | 69.16 | ca |
| 890 | 1267736.08 | 1018662.26 | 71.37 | cer |
| 892 | 1267731.78 | 1018660.82 | 71.26 | T |
| 893 | 1267729.48 | 1018659.81 | 71.07 | T |
| 894 | 1267726.38 | 1018657.72 | 69.97 | T |
| 895 | 1267722.90 | 1018655.63 | 69.50 | ca |
| 896 | 1267709.66 | 1018710.36 | 71.44 | cer |
| 897 | 1267711.69 | 1018711.67 | 71.24 | cer |
| 898 | 1267695.67 | 1018732.66 | 71.00 | cer |
| 899 | 1267701.84 | 1018738.43 | 70.60 | cer |
| 900 | 1267691.76 | 1018729.76 | 70.94 | T |
| 901 | 1267689.05 | 1018727.81 | 70.66 | T |
| 902 | 1267685.71 | 1018725.68 | 69.12 | ca |
| 903 | 1267673.74 | 1018761.75 | 71.38 | cer |
| 904 | 1267686.66 | 1018748.24 | 71.13 | cer |
| 905 | 1267695.88 | 1018744.96 | 71.38 | cer |
| 906 | 1267670.27 | 1018759.35 | 71.36 | T |
| 907 | 1267668.19 | 1018758.45 | 71.27 | T-cer |
| 908 | 1267666.85 | 1018756.34 | 70.66 | T |
| 909 | 1267664.82 | 1018754.46 | 70.11 | ca |
| 910 | 1267639.46 | 1018796.33 | 71.74 | cer |
| 911 | 1267635.70 | 1018793.35 | 71.43 | cer-T |
| 912 | 1267633.65 | 1018791.29 | 70.70 | T |
| 913 | 1267631.53 | 1018788.95 | 70.03 | ca |
| 914 | 1267600.53 | 1018830.63 | 70.64 | cer |
| 915 | 1267599.44 | 1018833.01 | 70.98 | cer |
| 916 | 1267601.32 | 1018839.89 | 70.73 | cer |
| 917 | 1267595.76 | 1018841.54 | 70.45 | cer |
| 918 | 1267593.93 | 1018836.32 | 71.08 | cer |
| 919 | 1267593.47 | 1018828.69 | 70.79 | cer-T |
| 920 | 1267591.51 | 1018827.02 | 70.38 | T |
| 921 | 1267587.78 | 1018818.66 | 69.78 | ca |
| 922 | 1267588.52 | 1018832.58 | 70.91 | pte |
| 923 | 1267585.92 | 1018833.86 | 70.92 | pte |
| 924 | 1267586.56 | 1018837.37 | 71.02 | pte |
| 925 | 1267565.62 | 1018851.98 | 70.92 | cer |
| 926 | 1267559.87 | 1018849.93 | 70.62 | cer-T |
| 927 | 1267556.55 | 1018846.11 | 70.44 | T |
| 928 | 1267552.32 | 1018838.20 | 70.09 | ca |
| 929 | 1267522.40 | 1018848.81 | 69.58 | ca |
| 930 | 1267524.14 | 1018856.62 | 70.08 | T |
| 931 | 1267524.13 | 1018863.02 | 70.45 | cer |
| 932 | 1267493.04 | 1018861.86 | 70.33 | T |
| 933 | 1267490.64 | 1018857.08 | 69.81 | ca |
| 934 | 1267450.78 | 1018862.28 | 70.18 | ca |
| 935 | 1267455.52 | 1018870.53 | 70.06 | T |
| 936 | 1267384.95 | 1018859.54 | 70.10 | ca |
| 937 | 1267385.01 | 1018864.53 | 71.08 | T |
| 938 | 1267309.31 | 1018862.59 | 70.69 | ca |
| 939 | 1267309.98 | 1018866.82 | 70.63 | T |
| 940 | 1267269.15 | 1018861.01 | 69.77 | ca |
| 941 | 1267268.44 | 1018865.61 | 70.61 | T |
| 942 | 1267230.06 | 1018860.39 | 70.20 | ca |
| 943 | 1267228.80 | 1018864.27 | 71.34 | T |
| 944 | 1267210.29 | 1018860.62 | 70.32 | canal |
| 945 | 1267210.24 | 1018860.38 | 70.29 | canal |
| 946 | 1267209.94 | 1018859.40 | 69.01 | canal |
| 947 | 1267209.85 | 1018866.37 | 70.74 | T |
| 948 | 1267163.98 | 1018865.04 | 71.76 | T |
| 949 | 1267163.67 | 1018861.29 | 70.47 | csnal |
| 950 | 1267163.68 | 1018861.20 | 70.43 | csnal |
| 951 | 1267163.67 | 1018860.20 | 69.22 | csnal |
| 952 | 1267111.80 | 1018861.01 | 69.38 | csnal |
| 953 | 1267111.73 | 1018861.84 | 70.58 | csnal |
| 954 | 1267111.82 | 1018862.18 | 70.56 | csnal |
| 955 | 1267112.37 | 1018866.28 | 71.70 | T |
| 956 | 1267036.36 | 1018862.88 | 70.83 | canal |
| 957 | 1267036.52 | 1018862.43 | 70.66 | canal |
| 958 | 1267036.70 | 1018861.49 | 69.35 | canal |
| 959 | 1267037.07 | 1018867.04 | 72.02 | T |
| 960 | 1266938.76 | 1018872.32 | 72.43 | T |
| 961 | 1266938.93 | 1018864.30 | 71.90 | T |
| 962 | 1266938.44 | 1018862.69 | 70.88 | canal |
| 963 | 1266938.44 | 1018862.49 | 70.87 | canal |
| 964 | 1266938.48 | 1018861.48 | 69.56 | canal |
| 966 | 1267210.58 | 1018855.88 | 68.52 | canal |
| 967 | 1267209.81 | 1018854.77 | 70.28 | canal |
| 968 | 1267209.73 | 1018854.64 | 70.42 | canal |
| 969 | 1267203.66 | 1018849.95 | 71.62 | P |
| 970 | 1267205.37 | 1018843.26 | 71.65 | P |
| 971 | 1267250.92 | 1018849.90 | 71.52 | T |
| 972 | 1267250.49 | 1018853.26 | 71.16 | T |
| 973 | 1267250.42 | 1018853.86 | 70.27 | ca |
| 974 | 1267290.11 | 1018852.84 | 71.88 | T |
| 975 | 1267290.64 | 1018855.79 | 71.87 | T |
| 976 | 1267291.12 | 1018856.71 | 71.24 | ca |
| 977 | 1267359.08 | 1018849.29 | 70.64 | T |
| 978 | 1267359.57 | 1018852.53 | 70.21 | T |
| 979 | 1267359.27 | 1018853.27 | 69.22 | ca |
| 980 | 1267359.27 | 1018853.29 | 69.22 | ca |
| 981 | 1267420.65 | 1018851.98 | 72.06 | T |
| 982 | 1267420.44 | 1018854.04 | 70.01 | T |
| 983 | 1267420.55 | 1018854.81 | 69.29 | ca |
| 984 | 1267468.42 | 1018850.91 | 71.92 | T |
| 985 | 1267468.78 | 1018853.83 | 71.83 | T |
| 986 | 1267469.23 | 1018854.59 | 71.06 | ca |
| 987 | 1267501.69 | 1018843.60 | 71.83 | T |
| 988 | 1267502.62 | 1018845.77 | 71.65 | T |
| 989 | 1267503.03 | 1018846.69 | 70.85 | ca |
| 990 | 1267576.66 | 1018811.95 | 69.96 | T |
| 991 | 1267579.04 | 1018814.33 | 69.45 | T |
| 992 | 1267579.52 | 1018815.01 | 69.08 | ca |
| 993 | 1267623.70 | 1018779.33 | 70.01 | T |
| 994 | 1267626.72 | 1018781.83 | 69.44 | T |
| 995 | 1267627.08 | 1018782.87 | 69.05 | ca |
| 996 | 1267654.15 | 1018748.01 | 70.22 | T |
| 997 | 1267657.20 | 1018749.70 | 69.82 | T |
| 998 | 1267657.94 | 1018750.43 | 69.27 | ca |
| 999 | 1267681.42 | 1018710.51 | 70.06 | T |
| 1000 | 1267684.48 | 1018712.09 | 69.72 | T |

### CARTERA TOPOGRAFICA CAÑO YONDO

| PUNTO | NORTE | ESTE | COTA | OBS |
|---|---|---|---|---|
| 1001 | 1267685.23 | 1018712.35 | 68.97 | cs |
| 1002 | 1267713.52 | 1018650.60 | 70.21 | T |
| 1003 | 1267715.88 | 1018651.43 | 69.72 | T |
| 1004 | 1267716.51 | 1018651.86 | 69.22 | ca |
| 1005 | 1267734.31 | 1018614.41 | 70.24 | T |
| 1006 | 1267735.88 | 1018615.00 | 70.08 | T |
| 1007 | 1267736.89 | 1018615.04 | 69.30 | ca |
| 1008 | 1267761.29 | 1018572.25 | 70.15 | T |
| 1009 | 1267763.75 | 1018573.54 | 69.70 | T |
| 1010 | 1267764.32 | 1018574.01 | 69.10 | ca |
| 1011 | 1267791.55 | 1018519.35 | 70.73 | T |
| 1012 | 1267793.47 | 1018520.19 | 69.92 | T |
| 1013 | 1267793.96 | 1018520.61 | 69.43 | ca |
| 1014 | 1267819.09 | 1018471.99 | 70.71 | T |
| 1015 | 1267820.86 | 1018473.04 | 70.38 | T |
| 1016 | 1267822.04 | 1018473.26 | 69.35 | ca |
| 1017 | 1267842.70 | 1018432.14 | 70.14 | T |
| 1018 | 1267845.95 | 1018433.43 | 69.98 | T |
| 1019 | 1267846.36 | 1018433.67 | 69.60 | ca |
| 1020 | 1267874.26 | 1018377.30 | 73.56 | T |
| 1021 | 1267877.84 | 1018377.02 | 70.03 | ca |
| 1022 | 1267899.57 | 1018334.90 | 72.05 | T |
| 1023 | 1267901.79 | 1018336.21 | 70.49 | ca |
| 1024 | 1267925.80 | 1018288.24 | 72.06 | T |
| 1025 | 1267927.76 | 1018289.35 | 71.71 | T |
| 1026 | 1267929.07 | 1018289.47 | 70.88 | ca |
| 1027 | 1267951.05 | 1018242.93 | 71.45 | T |
| 1028 | 1267953.41 | 1018244.28 | 71.58 | T |
| 1029 | 1267955.94 | 1018245.90 | 70.01 | ca |
| 1030 | 1267973.41 | 1018201.63 | 71.70 | T |
| 1031 | 1267977.23 | 1018203.38 | 71.39 | T |
| 1032 | 1267977.93 | 1018204.03 | 70.30 | ca |
| 1033 | 1267983.27 | 1018183.89 | 72.14 | T |
| 1034 | 1267988.81 | 1018185.11 | 71.93 | T |
| 1035 | 1267990.61 | 1018185.93 | 70.33 | ca |
| 1036 | 1268023.77 | 1018175.58 | 72.82 | cer |
| 1037 | 1268007.44 | 1018195.53 | 71.68 | cer |
| 1038 | 1266933.11 | 1018868.72 | 72.40 | c#4 |
| 1039 | 1266930.69 | 1018871.27 | 72.47 | T |
| 1040 | 1266929.97 | 1018863.83 | 71.79 | T |
| 1041 | 1266929.52 | 1018862.63 | 71.01 | canal |
| 1042 | 1266929.56 | 1018862.36 | 71.00 | canal |
| 1043 | 1266929.30 | 1018861.42 | 69.80 | canal |
| 1044 | 1266884.67 | 1018870.52 | 72.33 | T |
| 1045 | 1266884.96 | 1018865.30 | 71.70 | T |
| 1046 | 1266885.58 | 1018862.44 | 71.08 | canal |
| 1047 | 1266885.47 | 1018862.25 | 71.09 | canal |
| 1048 | 1266885.21 | 1018861.10 | 69.85 | canal |
| 1049 | 1266860.91 | 1018869.33 | 72.37 | T |
| 1050 | 1266857.91 | 1018864.50 | 72.32 | pte |
| 1051 | 1266853.82 | 1018864.61 | 72.33 | pte |
| 1052 | 1266854.37 | 1018856.25 | 72.26 | pte |
| 1053 | 1266857.69 | 1018855.85 | 72.26 | mall |
| 1054 | 1266856.88 | 1018853.87 | 72.19 | mall |
| 1055 | 1266849.43 | 1018867.78 | 73.25 | T |
| 1056 | 1266855.04 | 1018855.73 | 72.35 | cer |
| 1057 | 1266855.21 | 1018839.62 | 72.86 | cer |
| 1058 | 1266856.75 | 1018840.48 | 72.65 | P-mall |
| 1059 | 1266931.73 | 1018856.59 | 70.98 | P |
| 1060 | 1266931.71 | 1018856.73 | 70.98 | canal |
| 1061 | 1266931.87 | 1018856.95 | 70.98 | canal |
| 1062 | 1266931.55 | 1018857.99 | 69.74 | canal |
| 1063 | 1267050.10 | 1018855.89 | 71.89 | P |
| 1064 | 1267049.86 | 1018856.61 | 71.34 | canal |
| 1065 | 1267049.64 | 1018856.78 | 71.23 | canal |
| 1066 | 1267049.42 | 1018857.55 | 70.04 | canal |
| 1067 | 1266700.71 | 1018853.15 | 73.51 | pte |
| 1068 | 1266696.24 | 1018853.11 | 73.44 | pte |
| 1069 | 1266696.29 | 1018863.54 | 73.52 | pte |
| 1070 | 1266702.44 | 1018855.50 | 71.76 | mall |
| 1071 | 1266701.51 | 1018855.95 | 73.94 | canal |
| 1072 | 1266702.38 | 1018856.43 | 71.46 | canal |
| 1073 | 1266702.64 | 1018857.48 | 71.08 | canal |
| 1074 | 1266737.19 | 1018858.64 | 72.33 | canal-P |
| 1075 | 1266737.17 | 1018858.95 | 72.19 | canal |
| 1076 | 1266737.31 | 1018859.05 | 72.15 | canal |
| 1077 | 1266737.61 | 1018859.20 | 70.22 | canal |
| 1078 | 1266701.69 | 1018861.95 | 71.45 | canal |
| 1079 | 1266701.53 | 1018861.61 | 71.42 | canal |
| 1080 | 1266701.50 | 1018860.57 | 70.47 | canal |
| 1081 | 1266708.99 | 1018865.23 | 72.66 | T |
| 1082 | 1266717.67 | 1018865.78 | 71.88 | T |
| 1083 | 1266738.63 | 1018864.03 | 71.38 | canal |
| 1084 | 1266738.55 | 1018863.80 | 71.39 | canal |
| 1085 | 1266738.48 | 1018862.80 | 70.12 | canal |
| 1086 | 1266737.94 | 1018866.75 | 72.92 | T |
| 1087 | 1266765.83 | 1018863.25 | 71.38 | canal |
| 1088 | 1266765.67 | 1018863.00 | 71.31 | canal |
| 1089 | 1266765.11 | 1018862.11 | 70.08 | canal |
| 1090 | 1266772.83 | 1018866.71 | 72.80 | T |
| 1091 | 1266795.66 | 1018868.27 | 72.52 | T |
| 1092 | 1266690.77 | 1018870.32 | 73.33 | P |
| 1093 | 1266690.42 | 1018863.81 | 73.30 | P |
| 1094 | 1266693.04 | 1018852.20 | 72.92 | P |
| 1095 | 1266693.44 | 1018842.84 | 72.98 | P |
| 1096 | 1266703.19 | 1018841.25 | 73.43 | A |
| 1097 | 1266652.16 | 1018855.18 | 72.37 | P |
| 1098 | 1266652.12 | 1018850.10 | 72.04 | P |
| 1099 | 1266652.35 | 1018855.06 | 71.39 | canal |
| 1100 | 1266652.35 | 1018855.15 | 71.38 | canal |
| 1101 | 1266652.16 | 1018855.99 | 70.21 | canal |
| 1102 | 1266660.98 | 1018862.84 | 72.56 | P |
| 1103 | 1266660.92 | 1018864.19 | 73.01 | P |
| 1104 | 1266650.50 | 1018860.98 | 71.76 | canal |
| 1105 | 1266650.53 | 1018860.87 | 71.75 | canal |
| 1106 | 1266650.25 | 1018859.82 | 70.10 | canal |
| 1107 | 1266646.43 | 1018853.37 | 72.23 | B-cal-49 |
| 1108 | 1266651.13 | 1018852.77 | 72.13 | B-cal-49 |
| 1109 | 1266646.39 | 1018853.24 | 72.22 | B-cal-49 |
| 1110 | 1266642.64 | 1018852.90 | 72.46 | P |
| 1111 | 1266638.70 | 1018825.37 | 73.18 | P |
| 1112 | 1266643.36 | 1018815.09 | 72.42 | B-calle49 |
| 1113 | 1266648.35 | 1018814.97 | 72.42 | B-calle49 |
| 1114 | 1266548.69 | 1018823.54 | 74.07 | B-calle47 |
| 1115 | 1266540.53 | 1018826.34 | 72.77 | B-calle47 |
| 1116 | 1266542.48 | 1018853.36 | 73.18 | B-calle47 |
| 1117 | 1266547.60 | 1018853.43 | 73.16 | B-calle47 |
| 1118 | 1266546.69 | 1018853.96 | 73.19 | Pte |
| 1119 | 1266542.69 | 1018854.32 | 73.16 | Pte |
| 1120 | 1266542.88 | 1018864.97 | 73.13 | Pte |
| 1121 | 1266550.63 | 1018851.10 | 73.32 | P |
| 1122 | 1266550.85 | 1018853.92 | 73.61 | P |
| 1123 | 1266552.03 | 1018856.31 | 71.75 | canal |
| 1124 | 1266552.13 | 1018856.60 | 71.76 | canal |
| 1125 | 1266552.34 | 1018857.57 | 70.55 | canal |
| 1126 | 1266541.35 | 1018854.37 | 73.28 | P |
| 1127 | 1266541.15 | 1018848.63 | 73.25 | P |
| 1128 | 1266547.47 | 1018862.49 | 71.85 | canal |
| 1129 | 1266547.49 | 1018862.11 | 71.86 | canal |
| 1130 | 1266547.25 | 1018861.03 | 70.73 | canal |
| 1131 | 1266549.83 | 1018865.83 | 73.13 | P |
| 1132 | 1266550.59 | 1018877.83 | 73.34 | P |
| 1133 | 1266540.45 | 1018878.12 | 73.23 | P |
| 1134 | 1266542.47 | 1018877.03 | 72.99 | B |
| 1135 | 1266548.07 | 1018876.53 | 72.97 | B |
| 1136 | 1266547.83 | 1018866.46 | 73.06 | B |
| 1137 | 1266542.61 | 1018865.77 | 73.13 | B |
| 1138 | 1266541.48 | 1018863.09 | 72.45 | P |
| 1139 | 1266490.13 | 1018854.89 | 74.47 | P |
| 1140 | 1266489.83 | 1018855.19 | 74.33 | canal |
| 1141 | 1266489.62 | 1018855.57 | 74.21 | canal |
| 1142 | 1266489.14 | 1018856.47 | 73.00 | canal |
| 1143 | 1266434.08 | 1018855.13 | 71.78 | P |
| 1144 | 1266434.27 | 1018855.50 | 71.70 | canal |
| 1145 | 1266434.46 | 1018855.64 | 71.81 | canal |
| 1146 | 1266434.19 | 1018856.75 | 71.41 | canal |
| 1147 | 1266305.07 | 1018841.23 | 73.70 | B |
| 1148 | 1266299.50 | 1018841.80 | 73.60 | B |
| 1149 | 1266306.36 | 1018844.15 | 73.91 | P |
| 1150 | 1266306.77 | 1018852.58 | 73.96 | P |
| 1151 | 1266308.46 | 1018854.84 | 72.01 | canal |
| 1152 | 1266308.45 | 1018855.16 | 72.04 | canal |
| 1153 | 1266308.71 | 1018855.91 | 70.73 | canal |
| 1154 | 1266308.23 | 1018860.80 | 72.05 | canal |
| 1155 | 1266308.31 | 1018860.56 | 72.04 | canal |
| 1156 | 1266308.72 | 1018859.77 | 70.77 | canal |
| 1157 | 1266305.10 | 1018871.23 | 73.52 | B-calle44 |
| 1158 | 1266299.19 | 1018871.58 | 73.48 | B-calle44 |
| 1159 | 1266307.88 | 1018868.62 | 73.50 | T |
| 1160 | 1266344.85 | 1018866.48 | 73.53 | T |
| 1161 | 1266344.55 | 1018861.58 | 72.03 | P |
| 1163 | 1266339.36 | 1018861.61 | 72.00 | canal |
| 1164 | 1266339.46 | 1018861.14 | 72.02 | canal |
| 1165 | 1266339.11 | 1018860.33 | 70.77 | canal |
| 1166 | 1266305.96 | 1018857.81 | 73.21 | T-metsl |
| 1167 | 1266296.80 | 1018858.31 | 73.09 | T-metsl |
| 1168 | 1266305.32 | 1018868.66 | 73.70 | C#5 |
| 1169 | 1266364.68 | 1018860.04 | 71.35 | P |
| 1170 | 1266365.10 | 1018859.98 | 71.32 | canal |
| 1171 | 1266364.98 | 1018859.58 | 71.35 | canal |
| 1172 | 1266364.69 | 1018860.65 | 70.73 | canal |
| 1173 | 1266365.14 | 1018866.68 | 73.29 | P-T |
| 1174 | 1266474.66 | 1018866.86 | 72.58 | P-T |
| 1175 | 1266474.93 | 1018862.32 | 73.38 | P |
| 1176 | 1266468.58 | 1018861.78 | 71.86 | canal |
| 1177 | 1266468.48 | 1018861.46 | 71.86 | canal |
| 1178 | 1266468.22 | 1018860.74 | 70.57 | canal |
| 1179 | 1266695.34 | 1018829.13 | 73.14 | B |
| 1180 | 1266695.42 | 1018848.72 | 73.21 | B |
| 1181 | 1266701.84 | 1018847.89 | 73.31 | B |
| 1182 | 1266701.94 | 1018841.25 | 73.24 | B |
| 1183 | 1266305.32 | 1018868.66 | 73.70 | C#5 |
| 1184 | 1266297.97 | 1018836.28 | 73.43 | box |
| 1185 | 1266298.38 | 1018836.97 | 73.83 | box |
| 1186 | 1266298.25 | 1018838.11 | 73.75 | box |
| 1187 | 1266297.75 | 1018838.75 | 73.29 | box |
| 1188 | 1266299.22 | 1018836.42 | 73.47 | bor |
| 1189 | 1266305.04 | 1018836.48 | 73.53 | bor |
| 1190 | 1266305.89 | 1018835.73 | 73.44 | bor |
| 1191 | 1266309.67 | 1018835.60 | 73.41 | bor |
| 1192 | 1266309.59 | 1018830.82 | 73.27 | bor |
| 1193 | 1266306.82 | 1018830.74 | 73.31 | bor |
| 1194 | 1266305.15 | 1018828.29 | 73.32 | bor |
| 1195 | 1266298.13 | 1018828.40 | 72.97 | T |
| 1196 | 1266296.85 | 1018828.60 | 72.03 | T |
| 1197 | 1266295.50 | 1018828.42 | 71.44 | ca |
| 1198 | 1266293.78 | 1018827.77 | 71.49 | ca |
| 1199 | 1266291.84 | 1018827.41 | 71.95 | T |
| 1200 | 1266290.86 | 1018826.79 | 72.26 | cer |

### CARTERA TOPOGRAFICA CAÑO YONDO

| PUNTO | NORTE | ESTE | COTA | OBS |
|---|---|---|---|---|
| 1201 | 1266291.81 | 1018791.55 | 73.15 | cer |
| 1202 | 1266294.19 | 1018791.74 | 72.70 | T |
| 1203 | 1266295.83 | 1018791.97 | 72.32 | ca |
| 1204 | 1266298.40 | 1018792.19 | 72.45 | ca |
| 1205 | 1266299.87 | 1018792.03 | 73.67 | T |
| 1206 | 1266301.23 | 1018792.53 | 73.77 | B |
| 1207 | 1266306.94 | 1018793.45 | 73.78 | B |
| 1208 | 1266309.01 | 1018784.42 | 73.83 | B |
| 1209 | 1266311.53 | 1018780.82 | 73.89 | B |
| 1210 | 1266309.57 | 1018774.82 | 73.64 | B |
| 1211 | 1266304.60 | 1018780.67 | 73.68 | B |
| 1212 | 1266302.10 | 1018786.89 | 73.85 | B |
| 1213 | 1266300.59 | 1018787.56 | 73.57 | Box |
| 1214 | 1266300.44 | 1018788.59 | 73.51 | Box |
| 1215 | 1266299.46 | 1018786.72 | 73.61 | Box |
| 1216 | 1266298.73 | 1018786.84 | 73.50 | Box |
| 1217 | 1266297.97 | 1018781.32 | 74.43 | pte |
| 1218 | 1266292.72 | 1018783.04 | 74.32 | pte |
| 1219 | 1266291.43 | 1018780.07 | 74.37 | pte |
| 1220 | 1266291.43 | 1018784.61 | 73.65 | cer |
| 1221 | 1266289.03 | 1018784.12 | 74.21 | cer |
| 1222 | 1266288.16 | 1018781.27 | 74.35 | cer |
| 1223 | 1266284.56 | 1018770.29 | 72.15 | cer-mall |
| 1224 | 1266296.40 | 1018769.10 | 73.72 | mall |
| 1225 | 1266294.19 | 1018772.04 | 72.06 | ca |
| 1226 | 1266289.28 | 1018772.98 | 72.20 | ca |
| 1227 | 1266298.86 | 1018804.89 | 73.81 | B |
| 1228 | 1266304.56 | 1018806.58 | 73.75 | B |
| 1229 | 1266299.21 | 1018896.06 | 73.50 | B |
| 1230 | 1266297.07 | 1018896.42 | 73.37 | T |
| 1231 | 1266294.50 | 1018896.34 | 71.81 | ca |
| 1232 | 1266291.40 | 1018896.59 | 71.60 | ca |
| 1233 | 1266289.24 | 1018896.60 | 73.06 | cer |
| 1234 | 1266299.15 | 1018954.64 | 73.34 | B |
| 1235 | 1266298.28 | 1018954.69 | 73.36 | T |
| 1236 | 1266295.73 | 1018954.45 | 71.79 | ca |
| 1237 | 1266299.24 | 1018992.13 | 73.59 | B |
| 1238 | 1266297.72 | 1018992.81 | 73.75 | T |
| 1239 | 1266294.30 | 1018992.18 | 71.99 | ca |
| 1240 | 1266299.67 | 1019036.49 | 73.90 | B |
| 1241 | 1266298.80 | 1019036.59 | 73.77 | A |
| 1242 | 1266297.88 | 1019036.67 | 73.80 | T |
| 1243 | 1266295.22 | 1019036.43 | 72.51 | ca |
| 1244 | 1266299.55 | 1019011.36 | 74.56 | A |
| 1245 | 1266300.07 | 1018998.80 | 74.34 | B |
| 1246 | 1266299.16 | 1018997.32 | 73.63 | B |
| 1247 | 1266298.51 | 1018989.37 | 73.62 | A |
| 1248 | 1266300.45 | 1019065.54 | 73.81 | B |
| 1249 | 1266299.64 | 1019065.53 | 73.87 | A |
| 1250 | 1266298.59 | 1019065.52 | 73.58 | T |
| 1251 | 1266296.11 | 1019065.49 | 72.27 | ca |
| 1252 | 1266305.78 | 1019067.86 | 73.98 | B |
| 1253 | 1266305.73 | 1019086.87 | 74.08 | B |
| 1254 | 1266305.18 | 1019090.00 | 73.79 | B |
| 1255 | 1266307.44 | 1019091.35 | 73.72 | B |
| 1256 | 1266312.78 | 1019091.20 | 73.63 | B |
| 1257 | 1266313.03 | 1019097.16 | 73.63 | B |
| 1258 | 1266307.84 | 1019097.22 | 73.68 | B |
| 1259 | 1266305.14 | 1019098.47 | 73.76 | B |
| 1260 | 1266304.49 | 1019101.72 | 73.86 | B |
| 1261 | 1266299.04 | 1019107.74 | 73.70 | B |
| 1262 | 1266298.10 | 1019107.57 | 73.45 | A |
| 1263 | 1266297.44 | 1019107.74 | 73.14 | T |
| 1264 | 1266296.05 | 1019107.74 | 72.42 | ca |
| 1265 | 1266304.12 | 1019147.33 | 73.98 | B |
| 1266 | 1266298.75 | 1019148.09 | 73.91 | B |
| 1267 | 1266297.98 | 1019148.23 | 73.85 | A |
| 1268 | 1266296.68 | 1019148.36 | 73.45 | T |
| 1269 | 1266294.67 | 1019148.36 | 72.11 | ca |
| 1270 | 1266304.40 | 1019198.47 | 74.52 | B |
| 1271 | 1266298.60 | 1019200.17 | 74.06 | B |
| 1272 | 1266297.73 | 1019200.07 | 74.00 | A |
| 1273 | 1266296.12 | 1019199.85 | 73.80 | T |
| 1274 | 1266293.51 | 1019199.64 | 72.45 | ca |
| 1275 | 1266297.49 | 1019209.40 | 74.35 | Arb |
| 1276 | 1266298.62 | 1019209.29 | 74.18 | B |
| 1277 | 1266303.97 | 1019209.36 | 74.17 | B |
| 1278 | 1266297.88 | 1019208.64 | 74.30 | A |
| 1279 | 1266296.95 | 1019208.33 | 74.08 | T |
| 1280 | 1266294.22 | 1019208.37 | 72.87 | ca |
| 1281 | 1266287.20 | 1019204.40 | 72.75 | T |
| 1282 | 1266291.38 | 1019203.53 | 72.10 | Ca |
| 1283 | 1266286.55 | 1019150.90 | 73.45 | T |
| 1284 | 1266290.35 | 1019150.75 | 72.88 | ca |
| 1285 | 1266288.47 | 1019091.83 | 73.30 | T |
| 1286 | 1266292.51 | 1019091.93 | 72.59 | ca |
| 1287 | 1266288.65 | 1019067.97 | 73.91 | T |
| 1288 | 1266292.24 | 1019067.73 | 71.98 | ca |
| 1289 | 1266289.52 | 1019010.34 | 73.38 | T |
| 1290 | 1266291.69 | 1019009.74 | 72.33 | ca |
| 1291 | 1266287.78 | 1018980.06 | 73.71 | T |
| 1292 | 1266292.70 | 1018979.58 | 72.11 | ca |
| 1293 | 1266288.49 | 1018955.70 | 74.06 | T |
| 1294 | 1266292.54 | 1018955.79 | 72.61 | ca |
| 1295 | 1266305.15 | 1018987.40 | 73.49 | B |
| 1296 | 1266305.73 | 1018990.24 | 73.59 | B |
| 1297 | 1266308.29 | 1018991.56 | 73.59 | B |
| 1298 | 1266312.17 | 1018991.34 | 73.57 | B |
| 1299 | 1266311.70 | 1018997.25 | 73.62 | B |
| 1300 | 1266307.77 | 1018997.54 | 73.63 | B |
| 1301 | 1266305.77 | 1018998.59 | 73.64 | B |
| 1302 | 1266304.91 | 1019001.97 | 73.59 | B |
| 1303 | 1267177.28 | 1018132.62 | 71.93 | GPS-20 |
| 1304 | 1267164.57 | 1018133.41 | 71.74 | B |
| 1305 | 1267167.63 | 1018130.88 | 71.81 | B |
| 1306 | 1267172.55 | 1018131.75 | 71.85 | B |
| 1307 | 1267153.26 | 1018133.40 | 71.85 | B |
| 1308 | 1267152.42 | 1018132.34 | 71.88 | B |
| 1309 | 1267151.39 | 1018131.99 | 71.86 | B |
| 1310 | 1267133.00 | 1018129.01 | 71.86 | B |
| 1311 | 1267131.39 | 1018128.97 | 71.79 | B |
| 1312 | 1267129.92 | 1018129.58 | 71.84 | B |
| 1313 | 1267122.43 | 1018136.86 | 71.84 | B |
| 1314 | 1267114.07 | 1018132.56 | 71.77 | B |
| 1315 | 1267107.91 | 1018138.50 | 71.75 | B |
| 1316 | 1267113.45 | 1018145.45 | 71.80 | B |
| 1317 | 1267105.88 | 1018155.07 | 71.94 | B |
| 1318 | 1267105.36 | 1018156.07 | 71.93 | B |
| 1319 | 1267105.50 | 1018156.95 | 71.87 | B |
| 1320 | 1267107.80 | 1018162.55 | 71.88 | B |
| 1321 | 1267091.54 | 1018159.04 | 71.72 | B |
| 1322 | 1267091.48 | 1018158.90 | 71.99 | And |
| 1323 | 1267090.37 | 1018158.07 | 72.11 | And |
| 1324 | 1267098.40 | 1018147.91 | 72.03 | And |
| 1325 | 1267098.64 | 1018147.97 | 72.00 | And |
| 1326 | 1267099.52 | 1018148.64 | 71.95 | And |
| 1327 | 1267107.63 | 1018138.46 | 71.93 | And |
| 1328 | 1267106.89 | 1018137.69 | 72.00 | And |
| 1329 | 1267113.92 | 1018132.43 | 71.90 | And |
| 1330 | 1267113.06 | 1018131.81 | 71.98 | And |
| 1331 | 1267126.93 | 1018137.62 | 70.77 | T24" |
| 1332 | 1267105.77 | 1018137.38 | 70.73 | T24" |
| 1333 | 1267151.73 | 1018138.32 | 70.83 | T24" |
| 1334 | 1267150.51 | 1018140.89 | 70.63 | T |
| 1335 | 1267150.31 | 1018148.72 | 69.85 | Ca |
| 1336 | 1267115.31 | 1018148.42 | 70.17 | Ca |
| 1337 | 1267118.71 | 1018145.04 | 70.50 | T |
| 1338 | 1267121.57 | 1018141.98 | 71.25 | T |
| 1339 | 1267157.79 | 1018157.84 | 69.91 | Ca |
| 1340 | 1267156.97 | 1018160.07 | 71.13 | T |
| 1341 | 1267156.62 | 1018162.32 | 71.91 | T |
| 1342 | 1267156.55 | 1018163.06 | 71.90 | Via |
| 1343 | 1267156.49 | 1018170.73 | 71.92 | Via |
| 1344 | 1267111.52 | 1018170.53 | 72.42 | Via |
| 1345 | 1267111.74 | 1018162.64 | 72.41 | Via |
| 1346 | 1267111.48 | 1018161.88 | 72.82 | T |
| 1347 | 1267111.68 | 1018159.66 | 71.12 | T |
| 1348 | 1267111.97 | 1018156.49 | 69.92 | Ca |
| 1349 | 1267107.77 | 1018157.32 | 69.84 | Ca |
| 1350 | 1267108.47 | 1018159.75 | 71.93 | Box |
| 1351 | 1267106.71 | 1018155.06 | 71.82 | Box |
| 1352 | 1267113.95 | 1018147.35 | 71.68 | Box |
| 1353 | 1267095.88 | 1018148.44 | 71.77 | Box |
| 1354 | 1267096.84 | 1018149.47 | 71.75 | Box |
| 1355 | 1267089.79 | 1018158.39 | 71.95 | Box |
| 1356 | 1267094.72 | 1018146.98 | 69.82 | Ca |
| 1357 | 1267095.43 | 1018145.84 | 70.87 | T |
| 1358 | 1267097.61 | 1018139.24 | 70.75 | T |
| 1359 | 1267097.60 | 1018137.07 | 70.88 | T24" |
| 1360 | 1267054.60 | 1018136.02 | 71.26 | T24" |
| 1361 | 1267053.33 | 1018138.06 | 70.29 | T |
| 1362 | 1267052.80 | 1018141.02 | 70.62 | T |
| 1363 | 1267052.72 | 1018142.02 | 70.98 | T |
| 1364 | 1267051.96 | 1018144.83 | 71.16 | T |
| 1365 | 1267051.70 | 1018147.34 | 70.01 | Ca |
| 1366 | 1266976.43 | 1018146.78 | 69.93 | Ca |
| 1367 | 1266976.71 | 1018144.57 | 70.34 | T |
| 1368 | 1266978.01 | 1018141.66 | 71.55 | T |
| 1369 | 1266881.02 | 1018141.65 | 70.00 | Ca |
| 1370 | 1266878.08 | 1018134.97 | 70.07 | Ca |
| 1371 | 1266874.28 | 1018133.35 | 69.84 | Ca |
| 1372 | 1266874.40 | 1018134.16 | 71.02 | T24" |
| 1373 | 1266875.58 | 1018130.39 | 71.75 | T |
| 1374 | 1266879.40 | 1018134.77 | 70.99 | T |
| 1375 | 1266871.63 | 1018134.82 | 70.50 | T |
| 1376 | 1266874.11 | 1018141.15 | 70.64 | T |
| 1377 | 1266875.91 | 1018141.60 | 70.04 | Ca |
| 1378 | 1266872.99 | 1018135.48 | 70.03 | Ca |
| 1379 | 1266869.57 | 1018132.81 | 70.04 | Ca |
| 1380 | 1266863.54 | 1018133.94 | 71.12 | T24" |
| 1381 | 1266829.12 | 1018143.44 | 72.43 | T |
| 1382 | 1266828.86 | 1018144.57 | 71.84 | T |
| 1383 | 1266829.52 | 1018148.04 | 71.49 | T |
| 1384 | 1266829.80 | 1018149.14 | 70.72 | Ca |
| 1385 | 1266757.83 | 1018151.37 | 71.65 | T |
| 1386 | 1266758.07 | 1018152.11 | 71.00 | T |
| 1387 | 1266758.41 | 1018153.53 | 70.81 | T |
| 1388 | 1266758.71 | 1018154.40 | 70.27 | Ca |
| 1389 | 1266721.72 | 1018157.73 | 69.85 | Ca |
| 1390 | 1266721.75 | 1018155.98 | 70.15 | T |
| 1391 | 1266721.28 | 1018154.31 | 71.02 | T |
| 1392 | 1266683.06 | 1018143.84 | 71.34 | T |
| 1393 | 1266682.52 | 1018145.26 | 71.22 | T |
| 1394 | 1266682.50 | 1018147.30 | 69.92 | Ca |
| 1395 | 1266632.16 | 1018150.73 | 70.79 | Ca |
| 1396 | 1266631.56 | 1018148.94 | 71.97 | T |
| 1397 | 1266630.85 | 1018146.99 | 71.31 | T |
| 1398 | 1266570.32 | 1018170.57 | 71.47 | T |
| 1399 | 1266570.23 | 1018172.69 | 71.68 | T |
| 1400 | 1266570.56 | 1018173.58 | 70.60 | Ca |

### CARTERA TOPOGRAFICA CAÑO YONDO

| PUNTO | NORTE | ESTE | COTA | OBS |
|---|---|---|---|---|
| 1401 | 1266529.11 | 1018159.41 | 70.49 | Ca |
| 1402 | 1266531.12 | 1018163.36 | 77.09 | T |
| 1403 | 1266530.26 | 1018163.47 | 77.24 | T8" |
| 1405 | 1266531.48 | 1018164.06 | 77.11 | T6" |
| 1406 | 1266510.46 | 1018193.04 | 73.36 | Via |
| 1407 | 1266503.57 | 1018189.96 | 73.32 | Via |
| 1408 | 1266509.34 | 1018170.07 | 73.66 | Via |
| 1409 | 1266516.45 | 1018171.72 | 73.69 | Via |
| 1410 | 1266522.23 | 1018150.93 | 74.26 | Via |
| 1411 | 1266515.25 | 1018148.57 | 74.13 | Via |
| 1412 | 1266523.06 | 1018156.07 | 93.87 | Box |
| 1413 | 1266523.64 | 1018156.67 | 93.89 | Box |
| 1414 | 1266520.85 | 1018164.31 | 93.82 | Box |
| 1415 | 1266508.57 | 1018159.38 | 73.76 | Box |
| 1416 | 1266525.48 | 1018156.97 | 73.90 | Box |
| 1417 | 1266524.07 | 1018156.77 | 73.70 | Box |
| 1418 | 1266521.22 | 1018163.61 | 73.20 | Box |
| 1419 | 1266522.28 | 1018164.93 | 72.86 | Box |
| 1420 | 1266507.02 | 1018149.70 | 72.19 | T |
| 1421 | 1266506.73 | 1018150.99 | 71.72 | Ca |
| 1422 | 1266475.70 | 1018138.32 | 70.92 | Ca |
| 1423 | 1266477.33 | 1018135.37 | 71.31 | T |
| 1424 | 1266423.74 | 1018115.19 | 71.36 | T |
| 1425 | 1266422.21 | 1018118.15 | 70.88 | Ca |
| 1426 | 1266421.74 | 1018116.84 | 71.48 | T6" |
| 1427 | 1266397.78 | 1018108.95 | 70.61 | Ca |
| 1428 | 1266398.18 | 1018106.10 | 70.88 | T |
| 1429 | 1266351.40 | 1018086.97 | 71.32 | T |
| 1430 | 1266350.40 | 1018088.14 | 71.00 | Ca |
| 1431 | 1266305.03 | 1018068.64 | 71.09 | Ca |
| 1432 | 1266306.10 | 1018065.63 | 71.47 | T |
| 1433 | 1266264.87 | 1018048.55 | 72.97 | T |
| 1434 | 1266263.68 | 1018051.04 | 72.56 | Ca |
| 1435 | 1266205.87 | 1018026.72 | 71.03 | Ca |
| 1436 | 1266206.56 | 1018024.78 | 71.71 | T |
| 1437 | 1266208.24 | 1018021.72 | 71.95 | T |
| 1438 | 1266208.45 | 1018021.11 | 72.59 | T24" |
| 1439 | 1266147.51 | 1017996.87 | 74.09 | T24" |
| 1440 | 1266147.26 | 1017997.02 | 73.90 | T |
| 1441 | 1266146.62 | 1017998.61 | 73.81 | T |
| 1442 | 1266145.87 | 1018000.32 | 73.12 | Ca |
| 1443 | 1266108.43 | 1017985.72 | 71.08 | Ca |
| 1444 | 1266109.16 | 1017984.16 | 71.74 | T |
| 1445 | 1266110.46 | 1017981.19 | 72.17 | T |
| 1446 | 1266110.75 | 1017981.08 | 72.82 | T24" |
| 1447 | 1266106.12 | 1017989.22 | 70.96 | Ca |
| 1448 | 1266106.23 | 1017990.88 | 71.69 | T |
| 1449 | 1266142.60 | 1018008.94 | 71.74 | T |
| 1450 | 1266143.35 | 1018007.84 | 71.69 | T |
| 1451 | 1266143.65 | 1018006.36 | 71.00 | Ca |
| 1452 | 1266204.36 | 1018031.46 | 72.56 | Ca |
| 1453 | 1266203.68 | 1018032.56 | 72.39 | T |
| 1454 | 1266203.14 | 1018034.10 | 72.65 | T |
| 1455 | 1266256.78 | 1018056.44 | 75.27 | T |
| 1456 | 1266257.30 | 1018055.53 | 75.31 | T |
| 1457 | 1266257.89 | 1018053.91 | 74.71 | Ca |
| 1458 | 1266303.71 | 1018073.21 | 73.03 | Ca |
| 1459 | 1266303.38 | 1018074.74 | 72.13 | T |
| 1460 | 1266302.88 | 1018075.33 | 72.36 | T |
| 1461 | 1266347.94 | 1018095.43 | 72.57 | T |
| 1462 | 1266348.78 | 1018093.93 | 72.57 | T |
| 1463 | 1266349.13 | 1018092.76 | 71.96 | Ca |
| 1464 | 1266395.03 | 1018112.89 | 70.78 | Ca |
| 1465 | 1266394.65 | 1018113.54 | 71.13 | T |
| 1466 | 1266394.38 | 1018114.41 | 71.18 | T |
| 1467 | 1266408.59 | 1018116.69 | 72.05 | T6" |
| 1468 | 1266412.71 | 1018116.70 | 73.15 | T6" |
| 1469 | 1266423.09 | 1018124.01 | 70.76 | Ca |
| 1470 | 1266422.77 | 1018125.43 | 71.32 | T |
| 1471 | 1266477.64 | 1018146.56 | 71.29 | T |
| 1472 | 1266477.88 | 1018145.72 | 71.21 | T |
| 1473 | 1266478.18 | 1018144.86 | 70.68 | Ca |
| 1474 | 1266504.73 | 1018156.57 | 70.73 | Ca |
| 1475 | 1266503.73 | 1018157.23 | 70.81 | T |
| 1476 | 1266502.43 | 1018158.71 | 70.94 | T |
| 1477 | 1266522.10 | 1018166.73 | 72.88 | Cerc |
| 1478 | 1266527.66 | 1018167.56 | 72.56 | Cerc |
| 1479 | 1266526.61 | 1018166.91 | 72.40 | T6" |
| 1480 | 1266525.93 | 1018166.92 | 72.45 | T8" |
| 1481 | 1266527.01 | 1018166.57 | 71.21 | Ca |
| 1482 | 1266552.60 | 1018173.79 | 70.67 | Cerc |
| 1483 | 1266557.10 | 1018176.30 | 70.98 | Cerc |
| 1484 | 1266556.55 | 1018178.46 | 72.40 | Cerc |
| 1485 | 1266568.03 | 1018181.71 | 72.43 | Cerc |
| 1486 | 1266572.91 | 1018180.74 | 72.43 | Cerc |
| 1487 | 1266573.25 | 1018184.97 | 71.99 | Cerc |
| 1488 | 1266570.17 | 1018181.50 | 72.38 | Cerc |
| 1489 | 1266570.36 | 1018178.91 | 70.15 | Ca |
| 1490 | 1266632.42 | 1018155.32 | 69.89 | Ca |
| 1491 | 1266632.90 | 1018156.53 | 70.36 | T |
| 1492 | 1266633.85 | 1018159.16 | 70.46 | T |
| 1493 | 1266656.83 | 1018156.55 | 72.32 | Param |
| 1494 | 1266675.69 | 1018157.16 | 67.25 | Param |
| 1495 | 1266675.94 | 1018156.39 | 67.03 | T |
| 1496 | 1266676.11 | 1018155.58 | 66.52 | Ca |
| 1497 | 1266720.93 | 1018166.29 | 69.59 | Ca |
| 1498 | 1266720.60 | 1018167.07 | 69.90 | T |
| 1499 | 1266720.67 | 1018168.94 | 70.62 | T |
| 1500 | 1266759.81 | 1018162.11 | 71.06 | T |
| 1501 | 1266759.28 | 1018158.59 | 70.08 | Ca |
| 1502 | 1266760.20 | 1018161.69 | 71.80 | Puente |
| 1503 | 1266761.75 | 1018161.39 | 71.81 | Puente |
| 1504 | 1266759.67 | 1018151.24 | 70.61 | Puente |
| 1505 | 1266758.01 | 1018151.66 | 70.60 | Puente |
| 1506 | 1266761.15 | 1018151.11 | 71.64 | Arb |
| 1507 | 1266828.75 | 1018153.40 | 70.05 | Ca |
| 1508 | 1266829.07 | 1018153.85 | 71.07 | T |
| 1509 | 1266829.03 | 1018156.99 | 70.77 | T |
| 1510 | 1266878.50 | 1018148.49 | 70.64 | T |
| 1511 | 1266878.25 | 1018147.00 | 70.01 | T |
| 1512 | 1266878.08 | 1018146.59 | 69.91 | Ca |
| 1513 | 1266920.32 | 1018144.98 | 73.89 | Box |
| 1514 | 1266925.99 | 1018146.57 | 71.34 | Box |
| 1515 | 1266927.39 | 1018147.37 | 71.31 | Box |
| 1516 | 1266929.56 | 1018145.88 | 70.91 | Box |
| 1517 | 1266980.17 | 1018152.75 | 70.15 | Ca |
| 1518 | 1266980.56 | 1018153.64 | 70.16 | T |
| 1519 | 1266980.45 | 1018155.02 | 70.66 | T |
| 1520 | 1266981.64 | 1018158.94 | 71.19 | T |
| 1521 | 1266981.84 | 1018162.33 | 72.31 | Via |
| 1522 | 1266982.13 | 1018169.20 | 72.29 | Via |
| 1523 | 1266996.17 | 1018159.54 | 71.58 | Muro |
| 1524 | 1266996.03 | 1018153.27 | 71.60 | Muro |
| 1525 | 1267009.54 | 1018153.89 | 71.64 | Muro |
| 1526 | 1267009.52 | 1018155.71 | 71.39 | Muro |
| 1527 | 1267050.70 | 1018169.77 | 71.87 | Via |
| 1528 | 1267050.71 | 1018162.73 | 72.05 | Via |
| 1529 | 1267050.57 | 1018163.17 | 71.58 | T |
| 1530 | 1267050.22 | 1018158.40 | 70.99 | T |
| 1531 | 1267050.49 | 1018155.35 | 70.75 | Ca |
| 1532 | 1267089.79 | 1018156.19 | 69.86 | Ca |
| 1533 | 1267088.94 | 1018158.57 | 71.44 | T |
| 1534 | 1267088.61 | 1018162.50 | 71.72 | Via |
| 1535 | 1267088.46 | 1018169.34 | 71.98 | Via |

MUNICIPIO DE YONDO

DEPARTAMENTO DE ANTIOQUIA




Proyecto:

SERVICIO DE RESTAURACIÒN Y RECUPERACIÒN DEL ECOSISTEMA

| AREA CAÑO COLECTOR DEL K0+00 AL K 3 + 586,40 | |
|---|---|
| AREA | M2 |
| 1 | 1330,73 |
| 2 | 8060,64 |
| 3 | 2134,05 |
| 4 | 2864,08 |
| TOTAL CAÑO COLECTOR | 14389,5 |

| VOLUMEN DE MATERIAL EXTRAIDO K0 + 00 AL K3 + 586,40 | | | |
|---|---|---|---|
| AREA | M2 | ESPESOR | VOLUMEN M3 |
| 1 | 1330,73 | 0,0500 | 66,54 |
| 2 | 8060,64 | 0,0500 | 403,03 |
| 3 | 2134,05 | 0,0450 | 96,03 |
| 4 | 2864,08 | 0,04452 | 127,51 |
| | | TOTAL CAÑO COLECTOR | 693,12 |

Contiene:
LEVANTAMIENTO TOPOGRAFICO
CARTERA TOPOGRAFICA

Elaboró:

Top: JOAQUIN ORTIZ CAMACHO.

Área:

Comuna:

Escala:
1:2000

Fecha:
DICIEMBRE DE 2024

Plano:
2 DE 2

Archivo:
areas caño yondo dic16.dwg