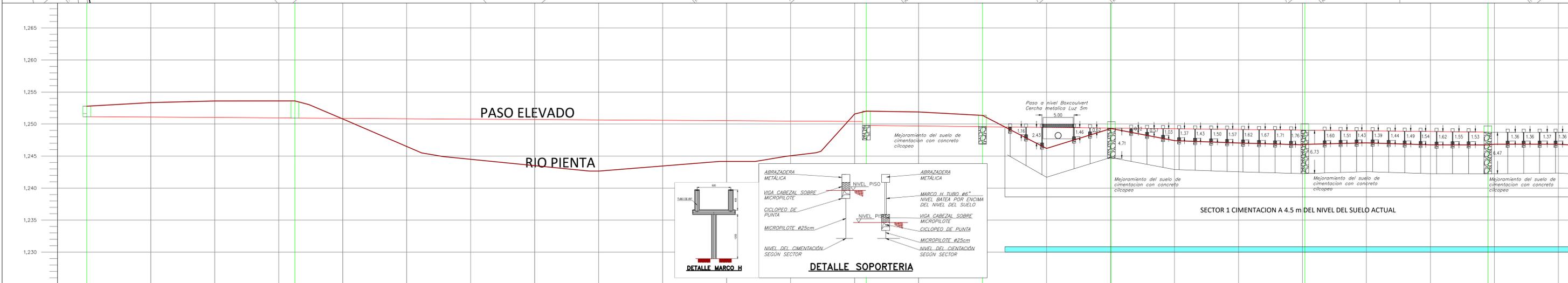


PLANTA LOCALIZACIÓN
ESCALA 1 : 250

| CONVENCIONES ESPECIFICAS | |
|--------------------------|--|
| | SECTOR 1 CIMENTACION A 4.5m DEL NIVEL DEL SUELO ACTUAL |
| | SECTOR 2 CIMENTACION CICLOPEO A 1.0m |
| | SECTOR 3 CIMENTACION DE PILOTES A 3.0m |
| | SECTOR 4 CIMENTACION DE PILOTES A 4.5m |
| | TUBERIA ENTERRADA |
| | TUBERIA ELEVADA |



PERFIL ALINEAMIENTO
1H : 250
1V : 250

| | 0+000.00 | 0+010.00 | 0+020.00 | 0+030.00 | 0+032.52 | 0+040.00 | 0+050.00 | 0+060.00 | 0+070.00 | 0+080.00 | 0+090.00 | 0+100.00 | 0+110.00 | 0+120.00 | 0+121.84 | 0+130.00 | 0+140.00 | 0+150.00 | 0+160.00 | 0+160.12 | 0+170.00 | 0+180.00 | 0+190.00 | 0+190.97 | 0+200.00 | 0+210.00 | 0+218.97 | 0+220.00 | 0+230.00 | | |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| ABCISADO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COTA TERRENO | 1,252.780 | 1,253.341 | 1,253.802 | 1,253.805 | 1,253.592 | 1,250.792 | 1,246.505 | 1,244.490 | 1,243.501 | 1,242.652 | 1,243.448 | 1,244.155 | 1,245.048 | 1,251.565 | 1,252.014 | 1,251.885 | 1,251.543 | 1,246.190 | 1,249.323 | 1,248.592 | 1,246.253 | 1,247.403 | 1,246.153 | 1,246.556 | 1,246.855 | 1,246.855 | 1,246.934 | 1,246.756 | 1,246.736 | 1,246.845 | 1,246.695 |
| COTA BATEA | 1,251.145 | 1,251.088 | 1,251.027 | 1,250.967 | 1,250.925 | 1,250.884 | 1,250.823 | 1,250.763 | 1,250.703 | 1,250.643 | 1,250.583 | 1,250.523 | 1,245.463 | 1,250.402 | 1,249.765 | 1,249.689 | 1,245.555 | 1,248.471 | 1,249.345 | 1,248.345 | 1,246.253 | 1,247.041 | 1,246.026 | 1,246.026 | 1,246.026 | 1,246.934 | 1,246.851 | 1,246.731 | 1,246.715 | 1,246.695 | |
| PENDIENTE % | | | -0.6% | | | | | | | -0.6% | | | | | | | | | | | | | | | | | | | | | |

LEVANTAMIENTO TOPOGRAFICO
COLECTOR FINAL ALTERNATIVA 1
CHARALA (SANTANDER)



LEVANTO:
MANUEL GUILLERMO MURCIA O
L.P. 01-10404 CPNT

REVISO:
ING. MARIO RAMIREZ CARRERO
MAT. 68202-25783 STD

DIBUJO : RICARDO QUIROGA MARIN
LEV. TOP. : MANUEL GUILLERMO M.
FECHA : ABRIL 2017
ESCALA : 1 : 250

APROBADO

| REVISIONES | | |
|------------|-------|----------|
| REFERENCIA | FECHA | RESPONS. |
| | | |

CONSTRUCCION Y OPTIMIZACION DEL SISTEMA DE
ALCANTARILLADO SANITARIO, PLUVIAL Y SISTEMA
DE TRATAMIENTO DE AGUAS RESIDUALES
DEL MUNICIPIO DE CHARALA - DPTO SANTANDER
(CONTRATO PLAN - FASE I SIN PTAR)

ALTERNATIVA 1 COLECTOR FINAL
MUNICIPIO DE CHARALA

PLANO: 1
SON: 6
COLECTOR FINAL ALT_02.dwg