

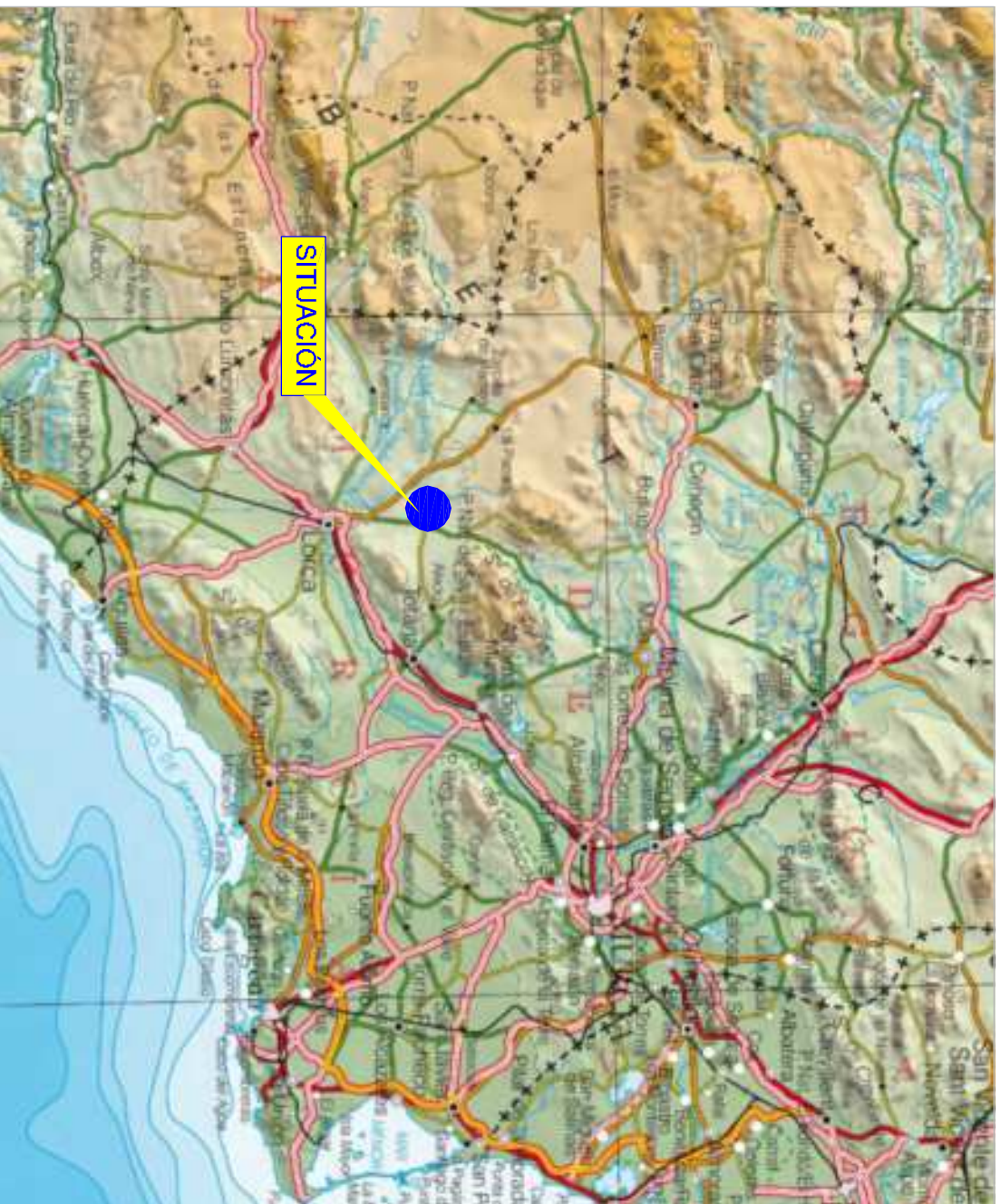


Aguas de Lorca

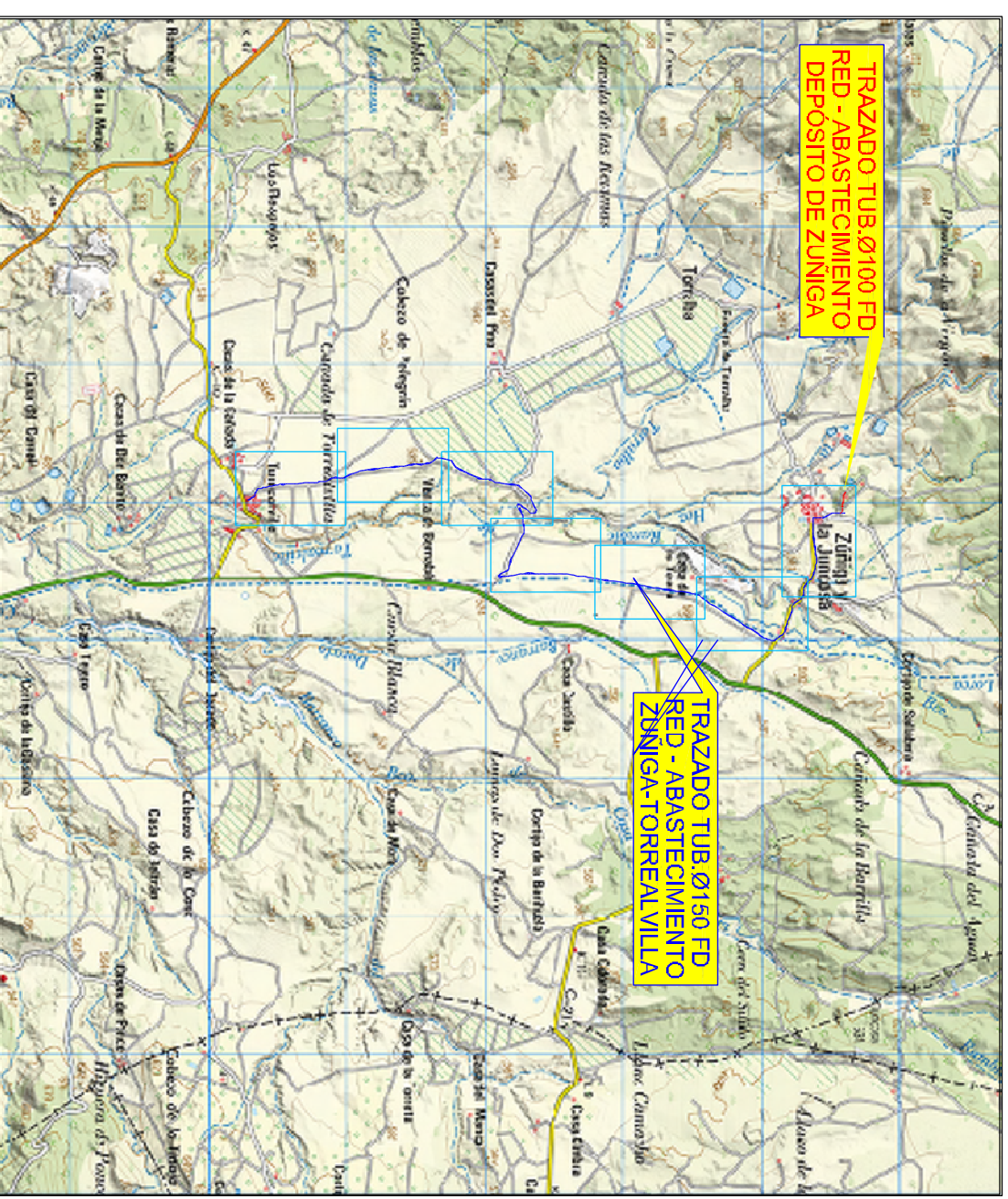
**PROYECTO DE
RENOVACIÓN DE RED DE ABASTECIMIENTO
DE ZUÑIGA A TORREALVILLA. T.M. DE LORCA**



TOMO II: PLANOS



SITUACIÓN EN LA REGION



EMPLAZAMIENTO
ESCALA 1/50.000



Aguas de Lorca

AREA DE PROYECTOS Y OBRAS

LOS TECNICOS REDACTORES DEL PROYECTO

DIBUJO

CORTICO

SUSTITUIRE A

SUSTITUIDO POR

ESCALAS

Original A-3
1/50.000

GRIFICAS

TITULO

PROYECTO DE RENOVACION RED DE
ABASTECIMIENTO DE ZUNIGA A TORREALVILLA
TERMINO MUNICIPAL DE LORCA (MURCIA)

Nº PLANO

1

DESIGNACION DEL PLANO

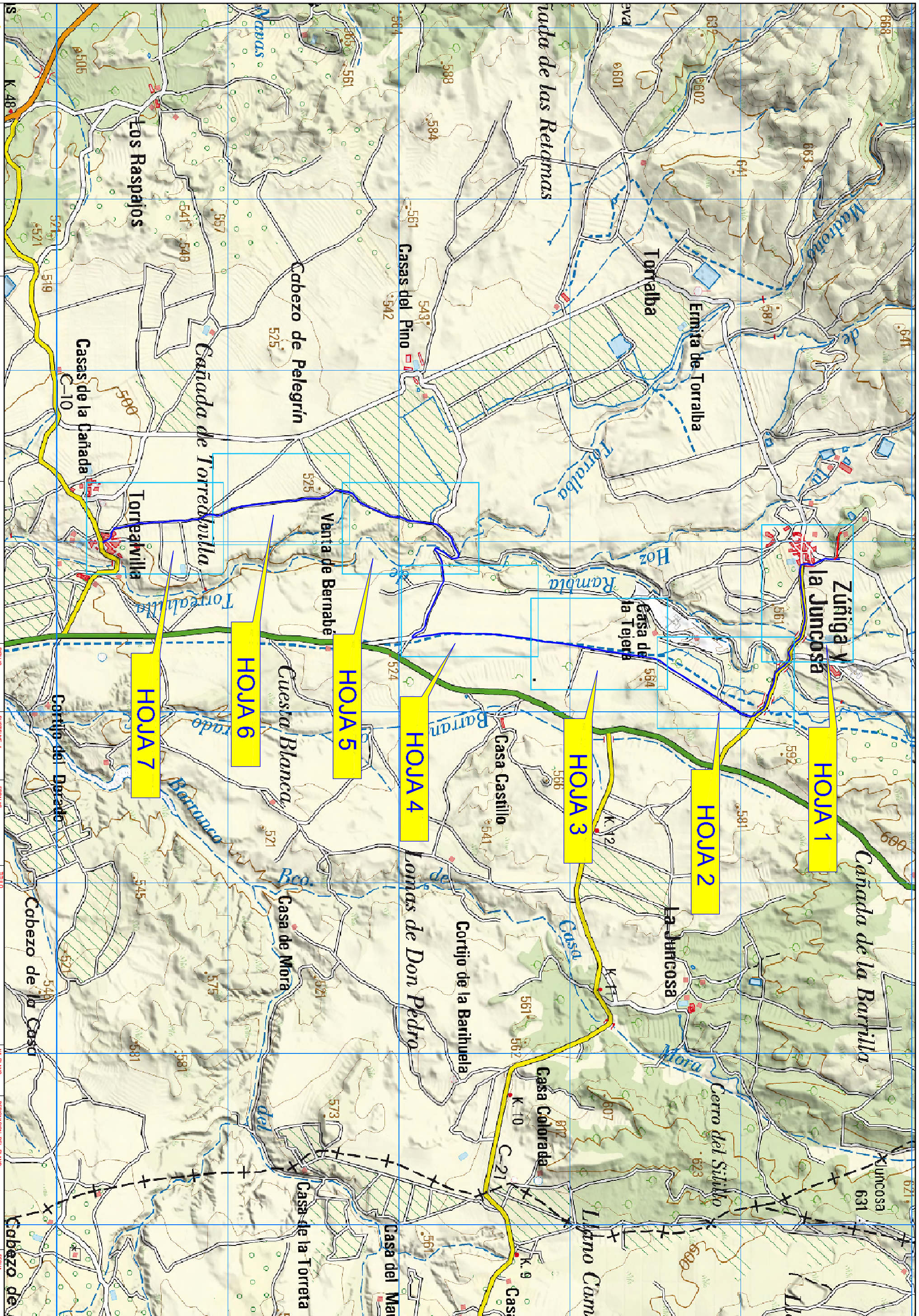
SITUACION Y EMPLAZAMIENTO

FECHA

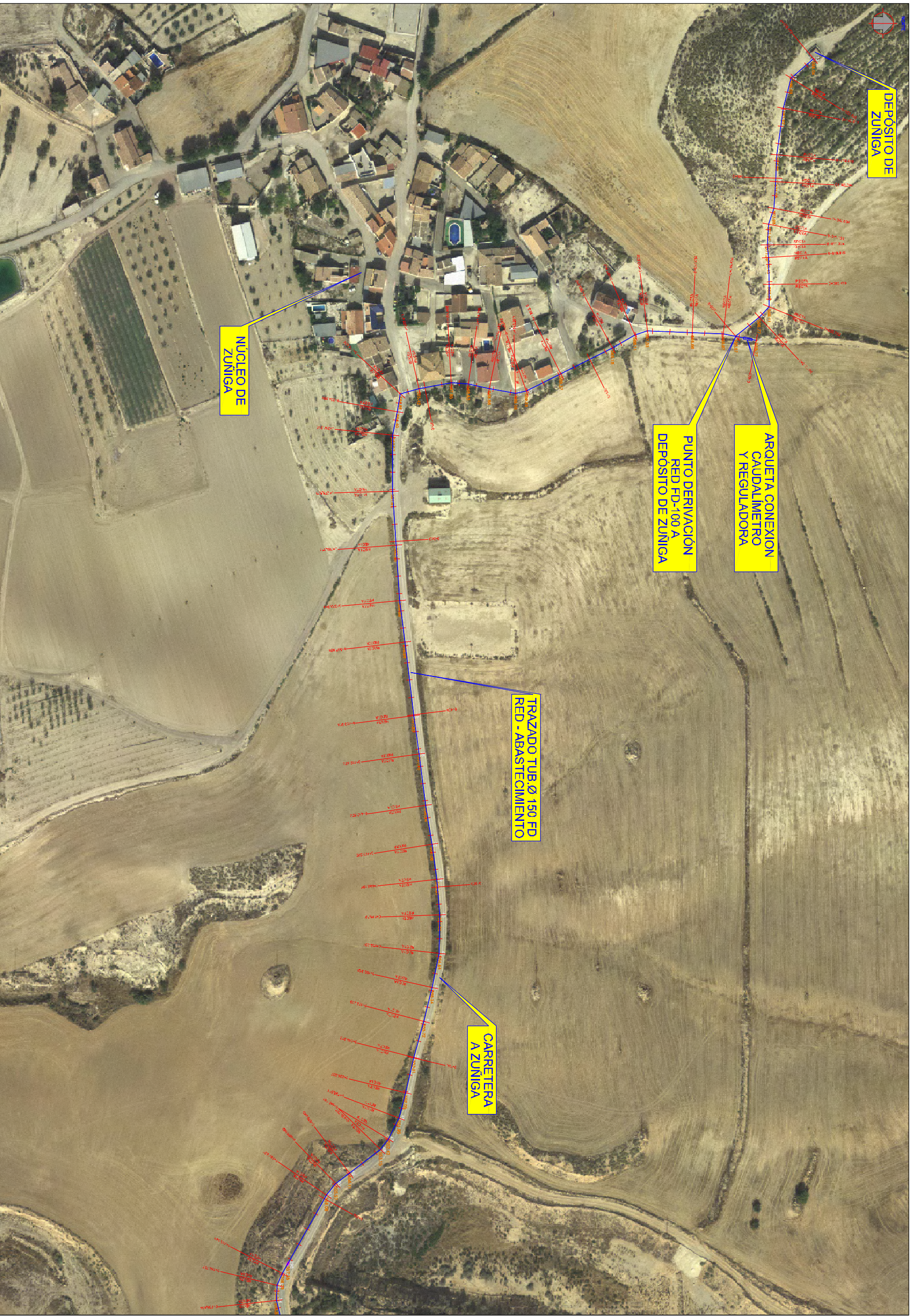
AGOSTO-2018

COMIDA

DIA/MONETORES_2018



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|  <p>Aguas de Lorca</p> | <p>AREA DE PROYECTOS Y OBRAS</p> | <p>LOS TECNICOS REDACTORES DEL PROYECTO</p> | <p>DIBUJO CORTIJO</p> | <p>SUSTITUCION A SUSTITUCION POR</p> | <p>ESCALAS Original A-3 1/20.000 graficas</p> | <p>TITULO PROYECTO DE RENOVACION RED DE ABASTECIMIENTO DE ZUÑIGA A TORREALVILLA TERMINO MUNICIPAL DE LORCA (MURCIA)</p> | <p>Nº PLANO 2</p> | <p>DESIGNACION DEL PLANO ESQUEMA DE HOJAS</p> | <p>FECHA AGOSTO-2018 CODIGO D:\PROYECTOS_2018</p> |
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|  <p>Aguas de Lorca</p> | <p>AREA DE PROYECTOS Y OBRAS</p> | <p>LOS TECNICOS REDACTORES DEL PROYECTO</p> | <p>DEBUIO COTEJO</p> | <p>SUSTITUIRE A SUSTITUIDO POR</p> | <p>ESCALAS Original A-3 1/2000</p> | <p>TITULO PROYECTO DE RENOVACION RED DE ABASTECIMIENTO DE ZUNIGA A TORREALVILLA TERMINO MUNICIPAL DE LORCA (MURCIA)</p> | <p>Nº PLANO 3.1 HOJA 1 DE 2</p> | <p>DESIGNACION DEL PLANO PLANTA TRAZADO TUB Ø150 FD PK-0+0.00 A PK-0+770.00</p> | <p>FECHA AGOSTO-2018 CODIGO PROYECTOS-2018</p> |
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|  Aguas de Lorca | | AREA DE PROYECTOS Y OBRAS | | LOS TECNICOS REDACTORES DEL PROYECTO | | DIBUJO COTEJO | | SUSTITUIRE A SUSTITUIDO POR | | ESCALAS Original A-3 1/2000 | | TITULO PROYECTO DE RENOVACION RED DE ABASTECIMIENTO DE ZUÑIGA A TORREALVILLA TERMINO MUNICIPAL DE LORCA (MURCIA) | | Nº PLANO 3.1 HOJA 2 DE 2 | | DESIGNACION DEL PLANO PLANTA TRAZADO TUB Ø150 FD PK-0+770,00 A PK-1+800,00 | | FECHA AGOSTO-2018 CODIGO PROYECTOS-2018 | |
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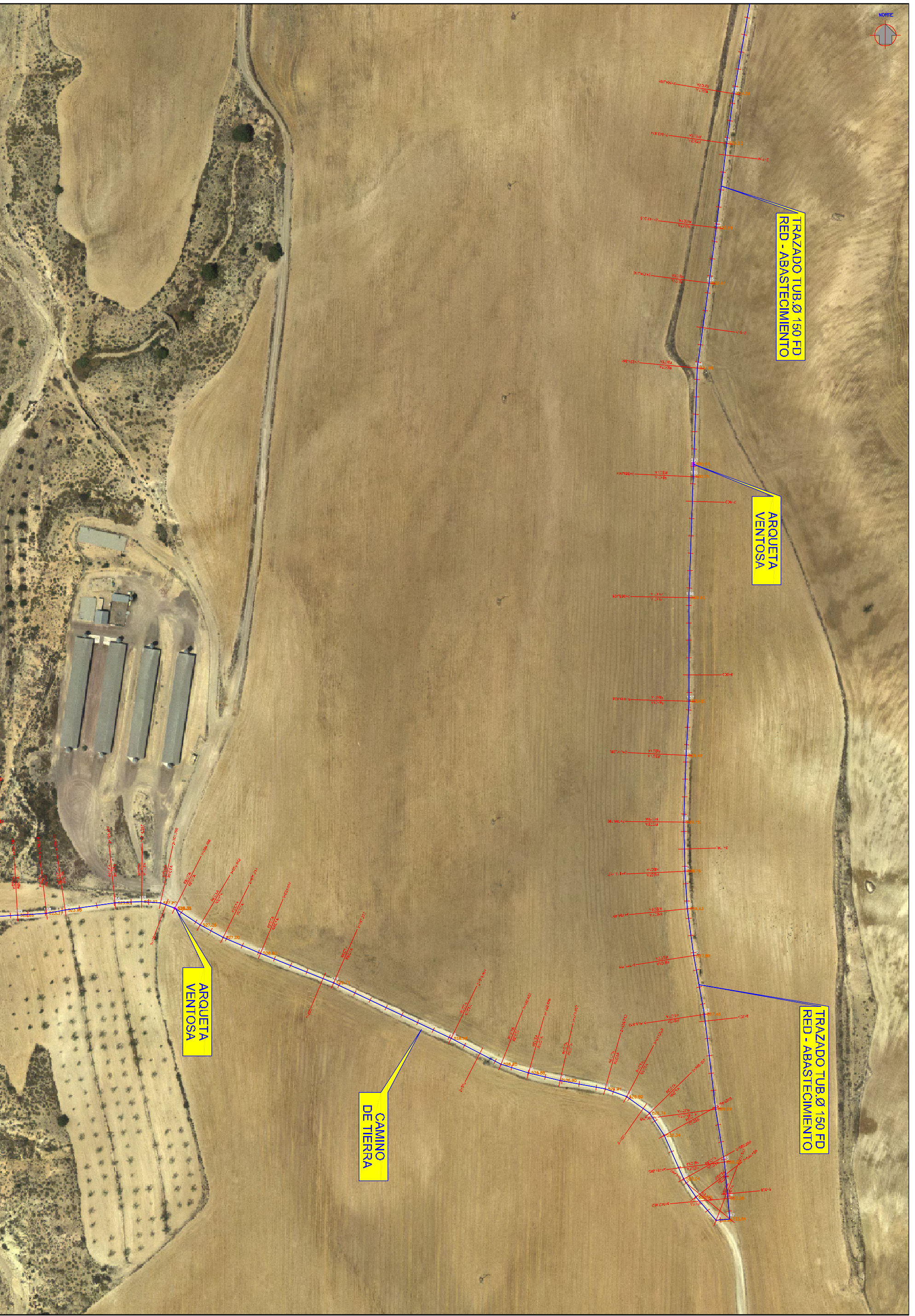
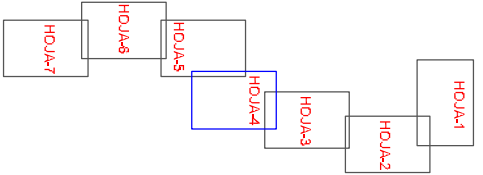


ARQUETA VENTOSA

TRAZADO TUB. Ø 150 FD
RED - ABASTECIMIENTO

CAMINO DE TIERRA

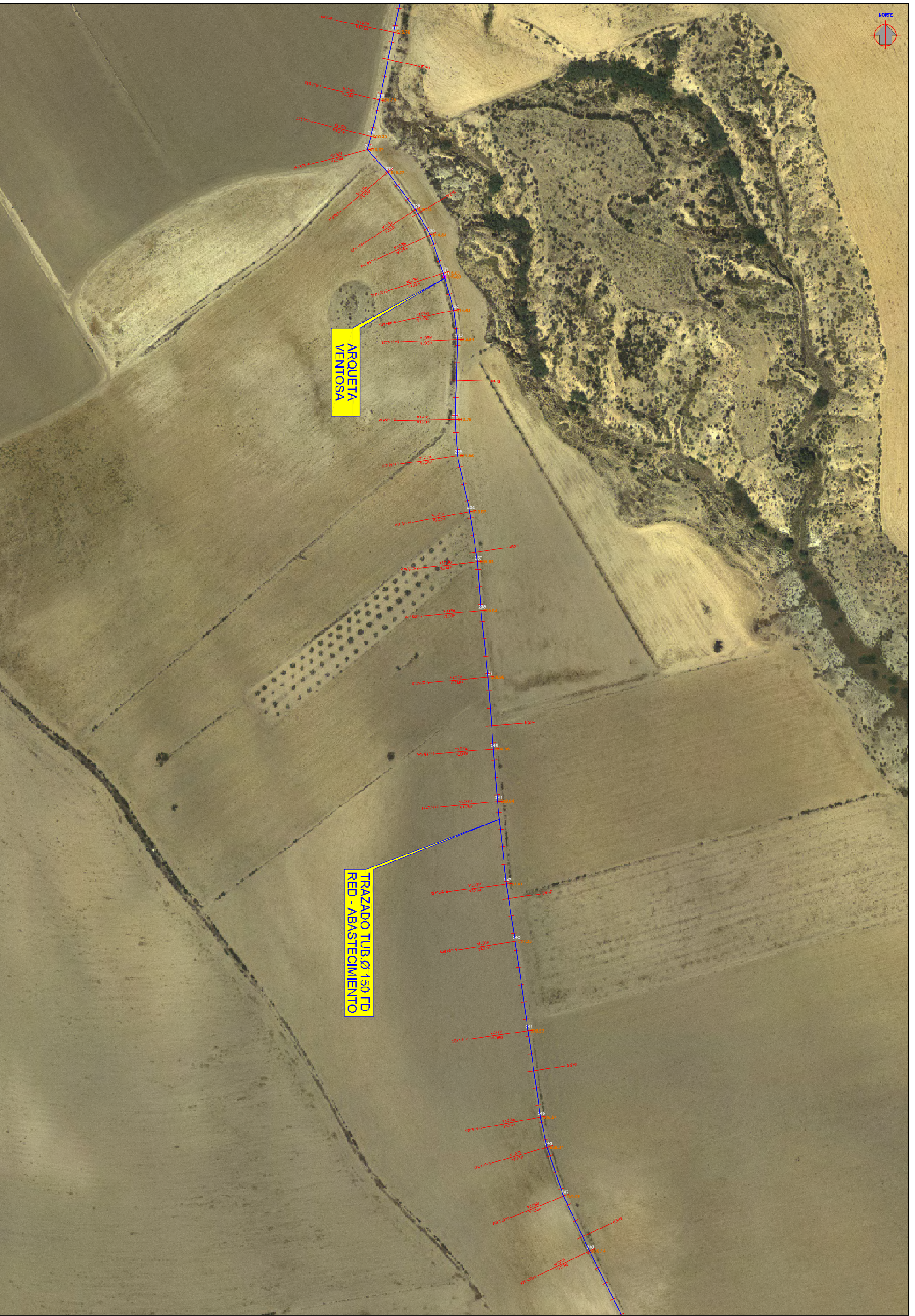
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|  <p>Aguas de Lorca</p> | <p>AREA DE PROYECTOS Y OBRAS</p> | <p>LOS TECNICOS REDACTORES DEL PROYECTO</p> | <p>DBUO COTEJO</p> | <p>SUSTITUIRE A SUSTITUIDO POR</p> | <p>ESCALAS Original A-3 1/2000 graficas</p> | <p>TITULO PROYECTO DE RENOVACION RED DE ABASTECIMIENTO DE ZUNIGA A TORREALVILLA TERMINO MUNICIPAL DE LORCA (MURCIA)</p> | <p>Nº PLANO 3.1 HOUJA 3 DE 7</p> | <p>DESIGNACION DEL PLANO PLANTA TRAZADO TUB Ø150 FD PK-1+800,00 A PK-2+570,00</p> | <p>FECHA AGOSTO-2018 CODIGO PROYECTOS-2018</p> |
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|  <p>Aguas de Lorca</p> | <p>AREA DE PROYECTOS Y OBRAS</p> | <p>LOS TECNICOS REDACTORES DEL PROYECTO</p> | <p>DBUO COTEJO</p> | <p>SUSTITUIRE A SUSTITUIDO POR</p> | <p>ESCALA Original A-3 1/2000</p> | <p>TITULO PROYECTO DE RENOVACION RED DE ABASTECIMIENTO DE ZUNIGA A TORREALVILLA TERMINO MUNICIPAL DE LORCA (MURCIA)</p> | <p>Nº PLANO 3.1 H.O.A. 4. DE 2.</p> | <p>DESIGNACION DEL PLANO PLANTA TRAZADO TUB Ø150 FD PK-2+570,00 A PK-3+790,00</p> | <p>FECHA AGOSTO-2018 CODIGO PROYECTOS-2018</p> |
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|  <p>Aguas de Lorca</p> | <p>AREA DE PROYECTOS Y OBRAS</p> | <p>LOS TECNICOS REDACTORES DEL PROYECTO</p> | <p>DEBUIO COTEJO</p> | <p>SUSTITUIRE A SUSTITUIDO POR</p> | <p>ESCALA Original A-3 1/2000 graficas</p> | <p>TITULO PROYECTO DE RENOVACION RED DE ABASTECIMIENTO DE ZUNIGA A TORREALVILLA TERMINO MUNICIPAL DE LORCA (MURCIA)</p> | <p>Nº PLANO 3.1 HOLA.....DE.....2</p> | <p>DESIGNACION DEL PLANO PLANTA TRAZADO TUB Ø150 FD PK-3+790,00 A PK-4+900,00</p> | <p>FECHA AGOSTO-2018 CODIGO PROYECTOS-2018</p> |
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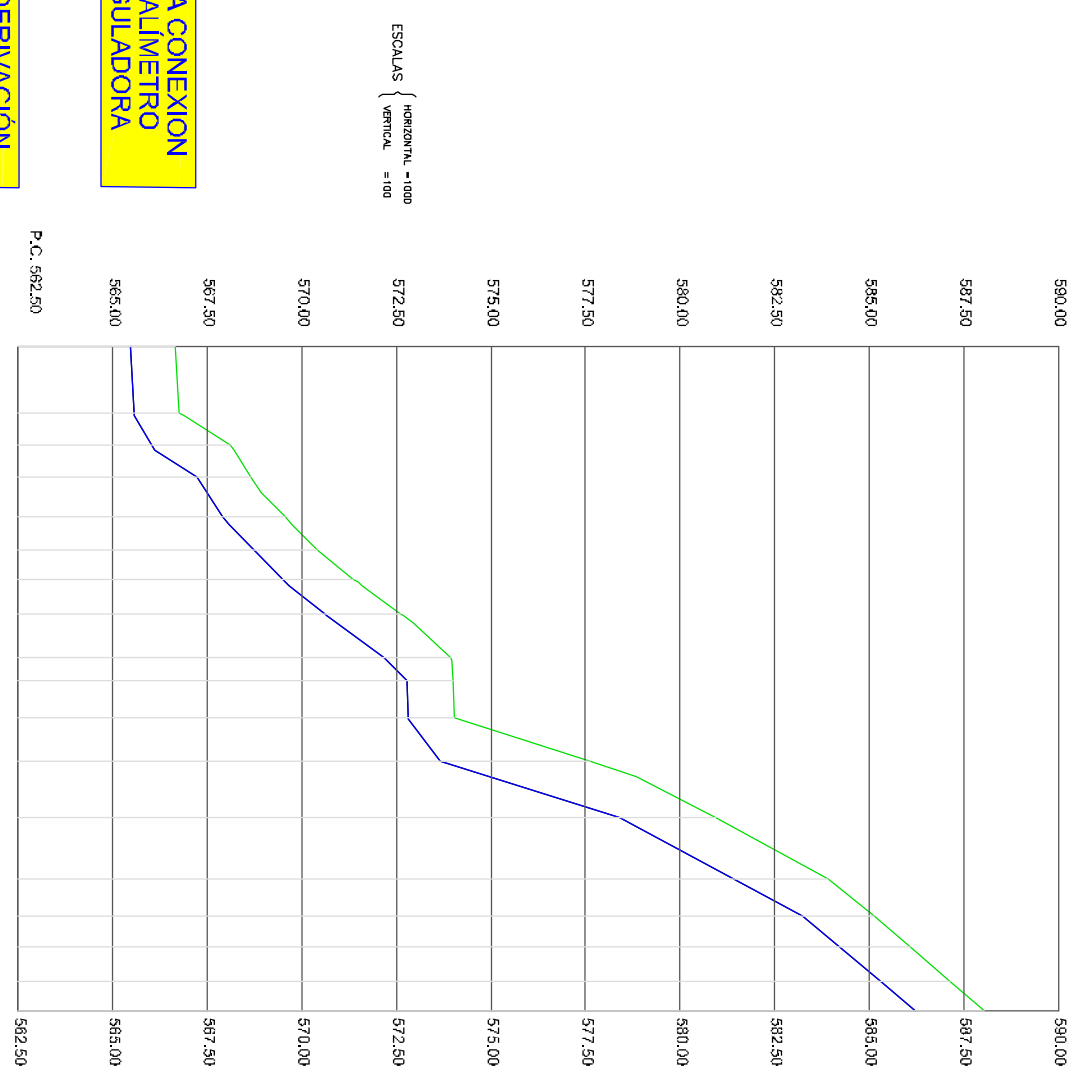
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|  <p>Aguas de Lorca</p> | <p>AREA DE PROYECTOS Y OBRAS</p> | <p>LOS TECNICOS REDACTORES DEL PROYECTO</p> | <p>DEBULO COTEJO</p> | <p>SUSTITUIRE A SUSTITUIDO POR</p> | <p>ESCALAS Original A-3 1/2000</p> | <p>TITULO PROYECTO DE RENOVACION RED DE ABASTECIMIENTO DE ZUNIGA A TORREALVILLA TERMINO MUNICIPAL DE LORCA (MURCIA)</p> | <p>Nº PLANO 3.1</p> | <p>DESIGNACION DEL PLANO PLANTA TRAZADO TUB Ø150 FD PK-4+900,00 A PK-5+640,00</p> | <p>FECHA AGOSTO-2018 CODIGO PROYECTOS-2018</p> |
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|  <p>Aguas de Lorca</p> | <p>AREA DE PROYECTOS Y OBRAS</p> | <p>LOS TECNICOS REDACTORES DEL PROYECTO</p> | <p>DEBIDO COTEJO</p> | <p>SUSTITUIRE A SUSTITUIDO POR</p> | <p>ESCALAS Original A-3 1/2000 GRAFICAS</p> | <p>TITULO PROYECTO DE RENOVACION RED DE ABASTECIMIENTO DE ZUNIGA A TORREALVILLA TERMINO MUNICIPAL DE LORCA (MURCIA)</p> | <p>Nº PLANO 3.1 HOJA 7 DE 7</p> | <p>DESIGNACION DEL PLANO PLANTA TRAZADO TUB Ø150 FD PK-5+640,00 A PK-6+407,776</p> | <p>FECHA AGOSTO-2018 CODIGO PROYECTOS-2018</p> |
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ESCALAS
 Horizontal = 1:1000
 Vertical = 1:100



- Pendientes
- Cotas Rijas Desmonte
- Cotas Rijas Terrapien
- Cotas de Rasante
- Cotas de Terreno
- Cotas a Origen
- Distancias Parciales
- Numeración de Perfiles

| Station | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 562.50 | 562.50 | 563.00 | 563.50 | 564.00 | 564.50 | 565.00 | 565.50 | 566.00 | 566.50 | 567.00 | 567.50 | 568.00 | 568.50 | 569.00 | 569.50 | 570.00 | 570.50 | 571.00 | 571.50 | 572.00 | 572.50 | 573.00 | 573.50 | 574.00 | 574.50 | 575.00 | 575.50 | 576.00 | 576.50 | 577.00 | 577.50 | 578.00 | 578.50 | 579.00 | 579.50 | 580.00 | 580.50 | 581.00 | 581.50 | 582.00 | 582.50 | 583.00 | 583.50 | 584.00 | 584.50 | 585.00 | 585.50 | 586.00 | 586.50 | 587.00 | 587.50 | 588.00 | 588.50 | 589.00 | 589.50 | 590.00 |



DIBUJO

COTEO

SUSTITUIRE A

SUSTITUIRO POR

ESCALAS

Original A-3

H=1/100

GRAFICOS

TITULO

PROYECTO DE RENOVACION RED DE ABASTECIMIENTO DE ZUJIGA A TORREALVILLA TERMINIO MUNICIPAL DE LORCA (MURCIA)

Nº PLANO

4.1

DESIGNACION DEL PLANO

PERFIL LONGITUDINAL TUB.Ø150 FD PK=0+640 A PK=1+280

FECHA

AGOSTO-2018
CODIGO PROYECTOS-2018

Cotas Rollos Terraplan

Cotas de Rasante

Cotas de Terreno

Distancias a Origen

Distancias Parciales

Numeracion de Perfiles

| | | | |
|--------|----------|---------|---------|
| 0.000 | 640.000 | 552.105 | 550.834 |
| 9.161 | 649.161 | 552.423 | 551.153 |
| 7.546 | 653.101 | 552.805 | 551.290 |
| | 656.707 | 553.154 | 551.512 |
| 8.128 | 664.835 | 553.864 | 552.271 |
| 14.205 | 679.040 | 555.105 | 553.512 |
| 6.582 | 685.622 | 555.406 | 554.087 |
| 8.458 | 694.080 | 555.868 | 554.474 |
| 8.280 | 702.361 | 556.216 | 554.967 |
| 34.636 | 736.997 | 557.214 | 555.965 |
| 5.725 | 742.722 | 557.379 | 555.037 |
| 6.423 | 746.651 | 556.694 | 554.423 |
| | 749.145 | 556.259 | 554.067 |
| 6.528 | 755.673 | 555.239 | 553.140 |
| 9.811 | 765.484 | 553.631 | 551.929 |
| 9.906 | 775.390 | 552.613 | 550.711 |
| 8.665 | 784.054 | 551.547 | 549.567 |
| 9.548 | 793.603 | 550.294 | 548.437 |
| 9.156 | 802.759 | 549.213 | 547.473 |
| | 805.456 | 548.335 | 547.186 |
| 11.425 | 814.184 | 548.014 | 546.589 |
| 8.381 | 822.565 | 547.478 | 546.053 |
| 7.869 | 830.434 | 546.974 | 545.167 |
| 7.089 | 837.523 | 546.176 | 544.368 |
| 8.973 | 846.496 | 545.165 | 544.332 |
| 8.290 | 854.795 | 545.960 | 544.298 |
| 6.750 | 861.545 | 546.606 | 544.945 |
| 7.215 | 868.760 | 546.907 | 545.635 |
| 23.057 | 891.817 | 547.267 | 546.052 |
| | 893.269 | 547.317 | 546.081 |
| 15.733 | 907.550 | 547.688 | 546.446 |
| | 910.352 | 547.877 | 546.529 |
| 6.237 | 913.787 | 546.057 | 546.663 |
| 10.685 | 924.472 | 549.034 | 547.313 |
| 10.987 | 935.459 | 549.770 | 548.462 |
| 20.786 | 956.245 | 550.670 | 549.362 |
| | 961.013 | 551.114 | 549.569 |
| 8.175 | 964.420 | 551.431 | 549.782 |
| 8.921 | 973.341 | 552.281 | 550.622 |
| 8.175 | 981.516 | 553.084 | 551.383 |
| 19.248 | 1000.764 | 555.023 | 553.320 |
| 8.264 | 1009.028 | 555.762 | 554.152 |
| 14.345 | 1023.373 | 557.044 | 555.434 |
| 6.363 | 1029.736 | 557.289 | 556.003 |
| 7.122 | 1036.858 | 557.584 | 556.278 |
| 5.084 | 1041.472 | 557.892 | 556.444 |
| 6.290 | 1048.232 | 558.096 | 556.771 |
| 5.084 | 1053.316 | 558.455 | 557.009 |
| 17.697 | 1071.013 | 559.706 | 558.237 |
| 5.232 | 1076.245 | 559.852 | 558.606 |
| 13.025 | 1089.270 | 560.217 | 558.971 |
| | 1091.953 | 560.265 | 559.046 |
| 20.056 | 1109.326 | 560.577 | 559.358 |
| | 1111.448 | 560.637 | 559.398 |
| 16.292 | 1125.618 | 561.038 | 559.791 |
| 5.118 | 1130.956 | 561.396 | 559.883 |
| 5.931 | 1136.667 | 561.559 | 560.232 |
| 5.118 | 1141.785 | 561.890 | 560.474 |
| 19.145 | 1160.930 | 563.129 | 561.700 |
| 5.943 | 1166.873 | 563.424 | 562.064 |
| 18.897 | 1185.770 | 564.380 | 563.021 |
| | 1188.355 | 564.350 | 563.149 |
| 14.678 | 1200.448 | 564.302 | 563.101 |
| 10.490 | 1210.938 | 564.381 | 563.177 |
| 11.449 | 1222.388 | 564.280 | 563.078 |
| 5.366 | 1227.754 | 564.437 | 563.151 |
| 5.041 | 1232.795 | 564.631 | 563.345 |
| | 1236.369 | 564.717 | 563.483 |
| | 1240.067 | 564.785 | 563.572 |
| 7.514 | 1247.981 | 564.895 | 563.682 |
| 11.420 | 1259.001 | 564.570 | 563.306 |
| 11.039 | 1270.041 | 564.185 | 562.910 |
| 9.950 | 1280.000 | 563.766 | 562.437 |

Pendientes

Cotas Rollos Desmonte

P=3,476015%, D=13,55000.

P=6,158946%, D=4,40946.

P=9,687253%, D=7,32410.

P=8,735949%, D=20,78750.

P=4,580308%, D=8,45810.

P=5,302390%, D=1,22979.

P=6,070316%, D=7,05064.

P=2,881405%, D=34,63605.

P=16,491866%, D=1,33839.

P=15,620074%, D=7,61200.

P=14,885500%, D=0,29568.

P=14,197319%, D=8,72700.

P=13,203788%, D=0,50047.

P=12,297115%, D=19,21598.

P=13,198317%, D=8,66454.

P=12,478106%, D=0,40821.

P=11,805252%, D=9,14000.

P=11,128502%, D=0,46895.

P=10,494530%, D=11,42500.

P=8,243614%, D=2,21886.

P=6,399997%, D=14,84938.

P=11,262610%, D=14,95792.

P=0,405219%, D=17,27262.

P=9,575387%, D=13,96522.

P=5,658366%, D=1,38858.

P=1,561706%, D=23,51953.

P=2,112544%, D=1,25034.

P=2,675904%, D=15,73300.

P=4,275083%, D=3,13468.

P=6,083294%, D=10,68500.

P=8,311300%, D=2,70191.

P=11,164232%, D=8,28529.

P=4,329792%, D=25,55418.

P=6,538057%, D=3,40710.

P=9,306270%, D=17,09600.

P=9,681607%, D=0,34049.

P=10,071839%, D=27,17120.

P=8,938919%, D=20,70812.

P=3,856131%, D=11,43957.

P=4,260684%, D=0,76666.

P=4,677334%, D=11,37400.

P=5,810462%, D=1,84159.

P=7,067292%, D=21,08712.

P=2,798927%, D=15,70848.

P=1,794975%, D=19,49275.

P=2,306381%, D=1,14717.

P=2,829610%, D=16,29200.

P=3,74328%, D=1,85073.

P=4,715359%, D=11,04900.

P=5,560425%, D=1,40115.

P=6,470757%, D=23,68701.

P=4,955718%, D=21,48169.

P=-0,395961%, D=12,09338.

P=0,203731%, D=1,43768.

P=0,805016%, D=9,05248.

P=-0,882965%, D=11,44916.

P=1,406116%, D=5,36641.

P=3,849445%, D=6,61509.

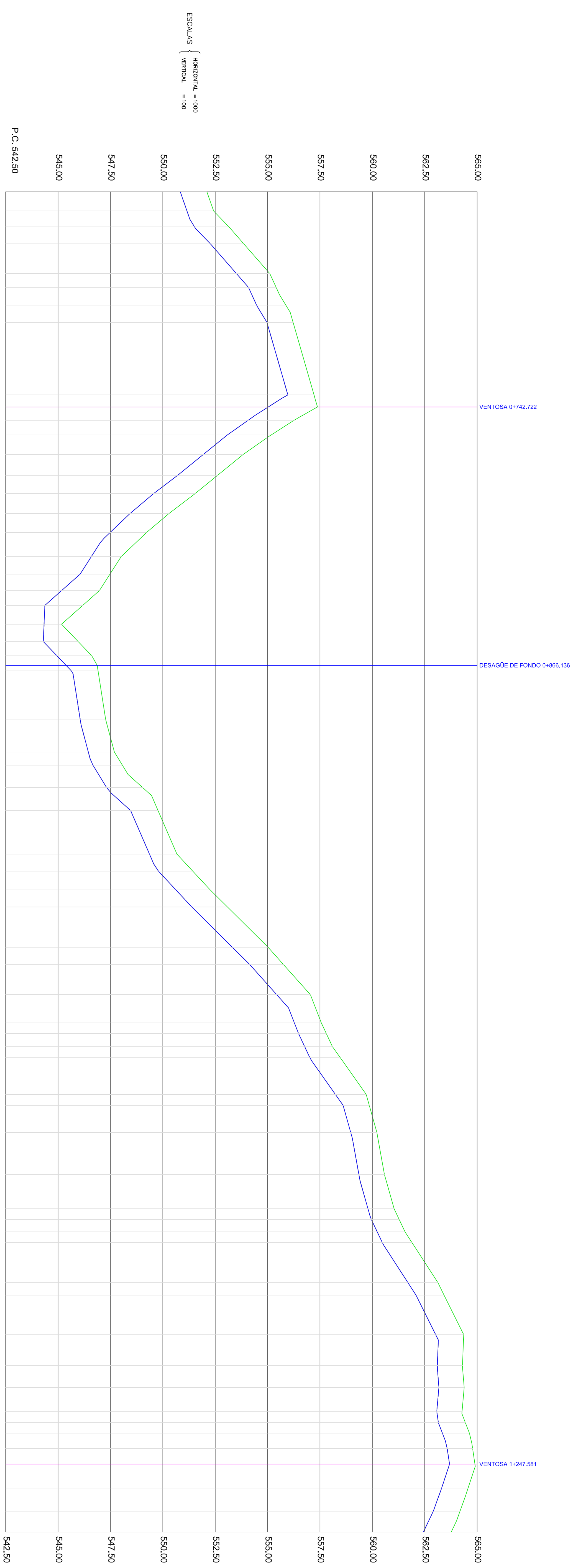
P=2,405292%, D=3,69755.

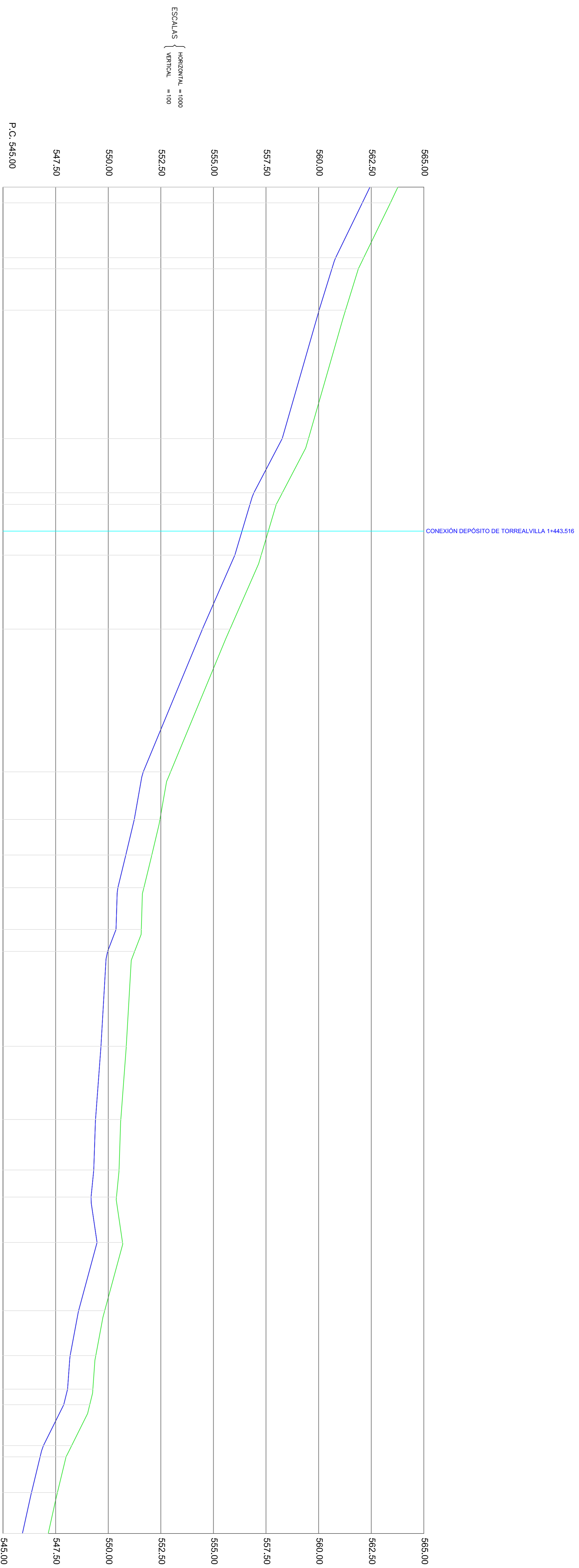
P=1,473833%, D=7,51442.

P=-3,295008%, D=11,42037.

P=-3,583891%, D=11,03912.

P=-4,751147%, D=12,25437.





Pendientes

| | |
|-------|---------------------------|
| 1.329 | P=-4,854308%, D=31,28776. |
| 1.334 | P=-3,949346%, D=1,69028. |
| 1.256 | P=-3,097041%, D=23,24800. |
| 1.256 | P=-2,984802%, D=0,23569. |
| 1.249 | P=-2,873786%, D=40,90923. |
| 1.354 | P=-5,229369%, D=25,71337. |
| 1.252 | P=-4,057271%, D=2,14043. |
| 1.252 | P=-2,973663%, D=27,53352. |
| 1.252 | P=-4,383371%, D=35,15731. |
| 1.310 | P=-4,262177%, D=0,22493. |
| 1.299 | P=-4,142872%, D=97,61500. |
| 1.299 | P=-2,913861%, D=2,51117. |
| 1.218 | P=-1,761237%, D=20,15117. |
| 1.233 | P=-2,371445%, D=16,90442. |
| 1.235 | P=-2,449216%, D=15,51317. |
| 1.201 | P=-1,364119%, D=2,48329. |
| 1.201 | P=-0,309648%, D=17,35973. |
| 1.284 | P=-3,812145%, D=10,44315. |
| 1.284 | P=-2,142094%, D=3,58094. |
| 1.202 | P=-0,578951%, D=41,52613. |
| 1.203 | P=-0,748086%, D=34,78824. |
| 1.203 | P=-0,543420%, D=0,48857. |
| 1.201 | P=-0,339054%, D=23,50748. |
| 1.206 | P=-0,979727%, D=12,88808. |
| 1.206 | P=0,239478%, D=2,91050. |
| 1.213 | P=1,465860%, D=18,68288. |
| 1.243 | P=-2,701770%, D=32,42378. |
| 1.221 | P=-2,280672%, D=0,92745. |
| 1.236 | P=-1,867098%, D=20,40600. |
| 1.221 | P=-1,281272%, D=1,35974. |
| 1.203 | P=-0,704004%, D=14,59168. |
| 1.236 | P=-2,473707%, D=7,42250. |
| 1.339 | P=-4,958962%, D=19,41329. |
| 1.235 | P=-3,639932%, D=2,50431. |
| 1.235 | P=-2,423996%, D=19,80200. |
| 1.235 | P=-2,318024%, D=0,23894. |
| 1.229 | P=-2,208630%, D=23,32817. |

Cotas Rojas Terraplén

| | | | | | | | | | | | | | | | | | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 562.437 | 560.809 | 559.517 | 558.268 | 557.270 | 554.477 | 551.666 | 551.238 | 550.837 | 550.457 | 550.370 | 549.972 | 549.655 | 549.394 | 549.312 | 549.186 | 549.467 | 548.591 | 548.188 | 548.068 | 547.885 | 546.922 | 546.351 | 545.921 |
| 562.326 | 560.633 | 561.279 | 560.023 | 557.270 | 554.477 | 551.666 | 551.238 | 550.837 | 550.457 | 550.370 | 549.972 | 549.655 | 549.394 | 549.312 | 549.186 | 549.467 | 548.591 | 548.188 | 548.068 | 547.885 | 546.922 | 546.351 | 545.921 |
| 563.766 | 561.889 | 561.279 | 560.023 | 557.270 | 554.477 | 551.666 | 551.238 | 550.837 | 550.457 | 550.370 | 549.972 | 549.655 | 549.394 | 549.312 | 549.186 | 549.467 | 548.591 | 548.188 | 548.068 | 547.885 | 546.922 | 546.351 | 545.921 |
| 563.655 | 561.889 | 561.279 | 560.023 | 557.270 | 554.477 | 551.666 | 551.238 | 550.837 | 550.457 | 550.370 | 549.972 | 549.655 | 549.394 | 549.312 | 549.186 | 549.467 | 548.591 | 548.188 | 548.068 | 547.885 | 546.922 | 546.351 | 545.921 |

Cotas de Rasante

| | | | | | | | | | | | | | | | | | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 562.437 | 560.809 | 559.517 | 558.268 | 557.270 | 554.477 | 551.666 | 551.238 | 550.837 | 550.457 | 550.370 | 549.972 | 549.655 | 549.394 | 549.312 | 549.186 | 549.467 | 548.591 | 548.188 | 548.068 | 547.885 | 546.922 | 546.351 | 545.921 |
| 562.326 | 560.633 | 561.279 | 560.023 | 557.270 | 554.477 | 551.666 | 551.238 | 550.837 | 550.457 | 550.370 | 549.972 | 549.655 | 549.394 | 549.312 | 549.186 | 549.467 | 548.591 | 548.188 | 548.068 | 547.885 | 546.922 | 546.351 | 545.921 |

Cotas de Terreno

| | | | | | | | | | | | | | | | | | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 563.766 | 561.889 | 561.279 | 560.023 | 557.270 | 554.477 | 551.666 | 551.238 | 550.837 | 550.457 | 550.370 | 549.972 | 549.655 | 549.394 | 549.312 | 549.186 | 549.467 | 548.591 | 548.188 | 548.068 | 547.885 | 546.922 | 546.351 | 545.921 |
| 563.655 | 561.889 | 561.279 | 560.023 | 557.270 | 554.477 | 551.666 | 551.238 | 550.837 | 550.457 | 550.370 | 549.972 | 549.655 | 549.394 | 549.312 | 549.186 | 549.467 | 548.591 | 548.188 | 548.068 | 547.885 | 546.922 | 546.351 | 545.921 |

Distancias a Origen

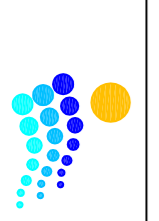
| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 0.000 | 26.093 | 19.698 | 61.041 | 25.713 | 24.113 | 35.157 | 67.840 | 22.662 | 16.904 | 15.513 | 19.843 | 10.443 | 45.107 | 34.788 | 23.996 | 12.888 | 21.593 | 32.424 | 21.333 | 15.951 | 7.423 | 19.413 | 5.331 | 16.975 | 19.464 |
| 1280.000 | 1313.583 | 1338.521 | 1399.562 | 1425.275 | 1454.949 | 1490.106 | 1557.946 | 1580.609 | 1597.513 | 1613.026 | 1632.869 | 1643.312 | 1688.420 | 1723.208 | 1747.204 | 1760.092 | 1781.685 | 1814.109 | 1835.443 | 1851.394 | 1858.816 | 1878.230 | 1883.561 | 1900.536 | 1920.000 |

Distancias Parciales

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|--------|
| 7.490 | 5.240 | 19.698 | 61.041 | 25.713 | 24.113 | 35.157 | 67.840 | 22.662 | 16.904 | 15.513 | 19.843 | 10.443 | 45.107 | 34.788 | 23.996 | 12.888 | 21.593 | 32.424 | 21.333 | 15.951 | 7.423 | 19.413 | 5.331 | 16.975 | 19.464 |
|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|--------|

Numeración de Perfiles

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|---------|-------|--------|---------|--------|--------|--------|-------|-------|-------|-------|--------|------|------|------|-------|------|-------|------|------|-------|--------|------|-----|
| 19860191 | 1989394 | 19897 | 198999 | 2000202 | 200304 | 206207 | 208290 | 21012 | 21214 | 21407 | 21819 | 222282 | 2284 | 2367 | 2389 | 23812 | 2388 | 23887 | 2390 | 2442 | 24344 | 246647 | 2480 | 251 |
|----------|---------|-------|--------|---------|--------|--------|--------|-------|-------|-------|-------|--------|------|------|------|-------|------|-------|------|------|-------|--------|------|-----|



Aguas de Lorca

AREA DE PROYECTOS Y OBRAS

LOS TECNICOS REDACTORES DEL PROYECTO

DIBUJO

SUSTITUIR A

ESCALAS

TITULO

Nº PLANO

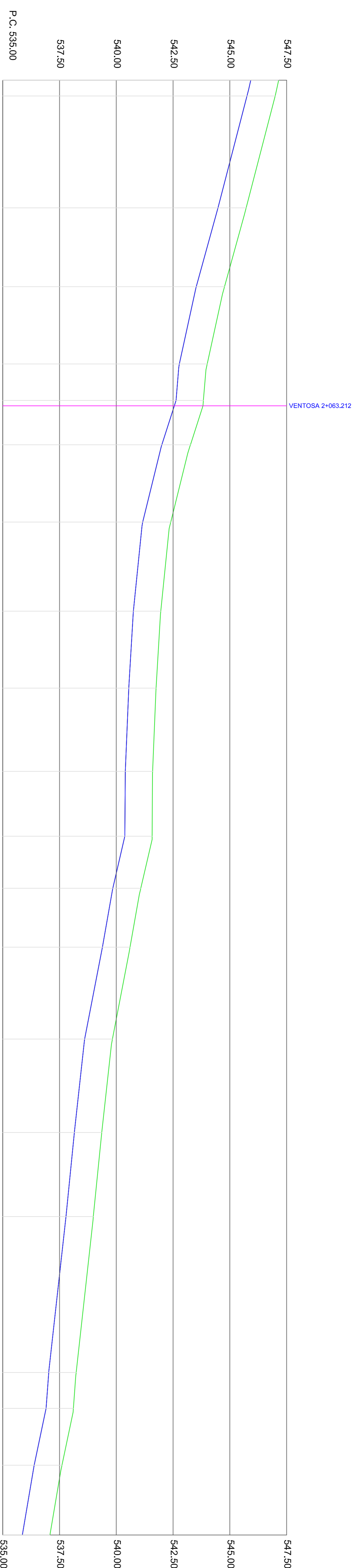
DESIGNACION DEL PLANO

FECHA

PROYECTO DE RENOVACION RED DE ABASTECIMIENTO DE ZUJIGA A TORREALVILLA TERMINO MUNICIPAL DE LORCA (MURCIA)

AGOSTO-2018

PROYECTOS-2018



ESCALAS { HORIZONTAL = 1000
VERTICAL = 100

P.C. 535.00

Pendientes

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|-------|-------|-------|---------------------------|--------------------------|---------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|---------------------------|--------------------------|---------------------------|--------------------------|---------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|
| 1,229 | 1,229 | 1,240 | 1,240 | 1,245 | 1,228 | 1,204 | 1,261 | 1,236 | 1,206 | 1,202 | 1,201 | 1,200 | 1,232 | 1,219 | 1,222 | 1,207 | 1,206 | 1,207 | 1,203 | 1,226 | 1,217 | | | | | | | | | | | | |
| 1,229 | 1,229 | 1,240 | 1,240 | 1,245 | 1,228 | 1,204 | 1,261 | 1,236 | 1,206 | 1,202 | 1,201 | 1,200 | 1,232 | 1,219 | 1,222 | 1,207 | 1,206 | 1,207 | 1,203 | 1,226 | 1,217 | | | | | | | | | | | | |
| P=-2,598292%, D=2,000M. | | | | P=-2,760764%, D=34,68533. | P=-2,473245%, D=0,62671. | P=-2,189628%, D=33,33000. | P=-1,407978%, D=1,58587. | P=-0,820144%, D=14,47368. | P=-3,215897%, D=19,51841. | P=-2,839228%, D=0,79631. | P=-2,469954%, D=33,19900. | P=-1,732181%, D=1,66888. | P=-1,012308%, D=37,53800. | P=-0,805595%, D=0,49069. | P=-0,599323%, D=33,37100. | P=-0,505701%, D=0,22365. | P=-0,412224%, D=36,38800. | P=-0,239838%, D=0,41276. | P=-0,067893%, D=28,12819. | P=-2,315391%, D=22,89043. | P=-2,040538%, D=0,61685. | P=-1,768623%, D=25,29640. | P=-1,927203%, D=40,43465. | P=-1,509667%, D=0,96227. | P=-1,097038%, D=40,10800. | P=-1,048800%, D=0,11346. | P=-1,009920%, D=38,90405. | P=-1,109833%, D=68,57112. | P=-0,923972%, D=0,43021. | P=-0,742670%, D=15,36591. | P=-2,092942%, D=25,02357. | P=-1,893987%, D=0,45106. | P=-1,696574%, D=33,91169. |

Cotas Rojas Desmonte

| | | | | | | | | | | | | | | | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 545,921 | 545,830 | 545,757 | 544,478 | 543,520 | 542,775 | 542,632 | 542,005 | 541,162 | 540,753 | 540,549 | 540,398 | 540,378 | 539,848 | 539,388 | 538,609 | 538,154 | 537,784 | 537,025 | 536,907 | 536,383 | 535,862 |
| 545,921 | 545,830 | 545,757 | 544,478 | 543,520 | 542,775 | 542,632 | 542,005 | 541,162 | 540,753 | 540,549 | 540,398 | 540,378 | 539,848 | 539,388 | 538,609 | 538,154 | 537,784 | 537,025 | 536,907 | 536,383 | 535,862 |

Cotas de Rasante

| | | | | | | | | | | | | | | | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 547,150 | 547,059 | 546,997 | 545,718 | 544,765 | 544,003 | 543,836 | 543,265 | 542,398 | 541,959 | 541,751 | 541,599 | 541,578 | 541,080 | 540,607 | 539,831 | 539,361 | 538,990 | 538,233 | 538,110 | 537,609 | 537,079 |
| 547,150 | 547,059 | 546,997 | 545,718 | 544,765 | 544,003 | 543,836 | 543,265 | 542,398 | 541,959 | 541,751 | 541,599 | 541,578 | 541,080 | 540,607 | 539,831 | 539,361 | 538,990 | 538,233 | 538,110 | 537,609 | 537,079 |

Cotas de Terreno

| | | | | | | | | | | | | | | | | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 1920,000 | 1924,103 | 1926,907 | 1976,143 | 2010,829 | 2044,794 | 2060,854 | 2080,372 | 2114,368 | 2153,574 | 2187,436 | 2224,048 | 2252,589 | 2275,479 | 2301,392 | 2341,827 | 2382,897 | 2419,915 | 2488,489 | 2504,285 | 2529,309 | 2560,000 |
| 1920,000 | 1924,103 | 1926,907 | 1976,143 | 2010,829 | 2044,794 | 2060,854 | 2080,372 | 2114,368 | 2153,574 | 2187,436 | 2224,048 | 2252,589 | 2275,479 | 2301,392 | 2341,827 | 2382,897 | 2419,915 | 2488,489 | 2504,285 | 2529,309 | 2560,000 |

Distancias a Origen

| | | | | | | | | | | | | | | | | | | | | |
|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0,000 | 6,907 | 49,236 | 34,685 | 33,966 | 16,000 | 10,518 | 33,995 | 30,207 | 33,862 | 36,612 | 28,541 | 22,890 | 25,913 | 40,435 | 41,070 | 37,018 | 68,574 | 15,796 | 25,024 | 30,691 |
| 0,000 | 6,907 | 49,236 | 34,685 | 33,966 | 16,000 | 10,518 | 33,995 | 30,207 | 33,862 | 36,612 | 28,541 | 22,890 | 25,913 | 40,435 | 41,070 | 37,018 | 68,574 | 15,796 | 25,024 | 30,691 |

Distancias Parciales

| | | | | | | | | | | | | | | | | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 2562,952 | 2595,652 | 2635,654 | 2670,339 | 2704,305 | 2738,305 | 2773,305 | 2808,305 | 2843,305 | 2878,305 | 2913,305 | 2948,305 | 2983,305 | 3018,305 | 3053,305 | 3088,305 | 3123,305 | 3158,305 | 3193,305 | 3228,305 | 3263,305 | 3298,305 |
| 2562,952 | 2595,652 | 2635,654 | 2670,339 | 2704,305 | 2738,305 | 2773,305 | 2808,305 | 2843,305 | 2878,305 | 2913,305 | 2948,305 | 2983,305 | 3018,305 | 3053,305 | 3088,305 | 3123,305 | 3158,305 | 3193,305 | 3228,305 | 3263,305 | 3298,305 |

Numeración de Perfiles

| | | | | | | | | | | | | | | | | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 2562,952 | 2595,652 | 2635,654 | 2670,339 | 2704,305 | 2738,305 | 2773,305 | 2808,305 | 2843,305 | 2878,305 | 2913,305 | 2948,305 | 2983,305 | 3018,305 | 3053,305 | 3088,305 | 3123,305 | 3158,305 | 3193,305 | 3228,305 | 3263,305 | 3298,305 |
| 2562,952 | 2595,652 | 2635,654 | 2670,339 | 2704,305 | 2738,305 | 2773,305 | 2808,305 | 2843,305 | 2878,305 | 2913,305 | 2948,305 | 2983,305 | 3018,305 | 3053,305 | 3088,305 | 3123,305 | 3158,305 | 3193,305 | 3228,305 | 3263,305 | 3298,305 |



Aguas de Lorca

AREA DE PROYECTOS Y OBRAS

LOS TECNICOS REDACTORES DEL PROYECTO

DIBUJO

SUSTITUIVO A

ESCALAS

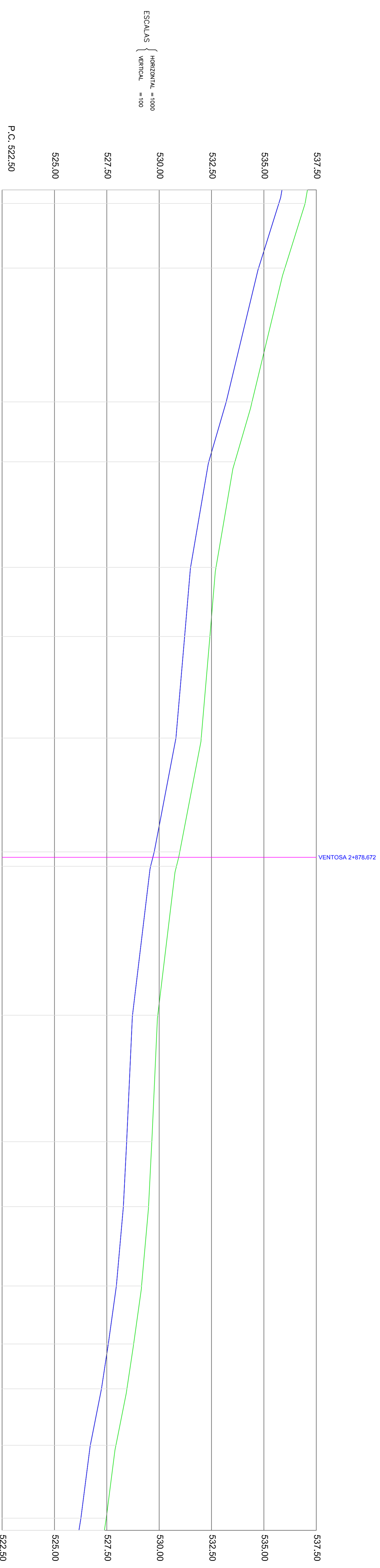
TITULO

Nº PLANO

DESIGNACION DEL PLANO

FECHA

| | | | | | | | |
|-------|----------------|-------------------------|----------|---|-----|---|-------------|
| COTEO | SUSTITUIDO POR | Original A=3 H=1/100 | GRAFICOS | PROYECTO DE RENOVACION RED DE ABASTECIMIENTO DE ZUNIGA A TORREALVILLA TERMINO MUNICIPAL DE LORCA (MURCIA) | 4.1 | PERFIL LONGITUDINAL TUB.Ø150 FD PK-1+920 A PK-2+560 | AGOSTO-2018 |
|-------|----------------|-------------------------|----------|---|-----|---|-------------|



Pendientes

| | |
|-------|---------------------------|
| 1,217 | P=-3,137074%, D=33,64763. |
| 1,217 | |
| 1,258 | P=-2,771426%, D=0,77758. |
| 1,258 | |
| 1,234 | P=-2,412547%, D=43,10712. |
| 1,234 | |
| 1,250 | P=-2,907984%, D=28,61942. |
| 1,250 | |
| 1,250 | P=-2,301702%, D=1,32680. |
| 1,250 | |
| 1,217 | P=-1,711162%, D=49,03100. |
| 1,217 | |
| 1,217 | P=-1,273170%, D=1,01974. |
| 1,217 | |
| 1,204 | P=-0,839811%, D=32,02327. |
| 1,204 | |
| 1,204 | P=-0,852639%, D=48,49928. |
| 1,204 | |
| 1,204 | P=-1,914897%, D=54,38153. |
| 1,204 | |
| 1,222 | P=-2,502783%, D=6,86568. |
| 1,237 | P=-1,845623%, D=1,47955. |
| 1,237 | |
| 1,209 | P=-1,203595%, D=48,82700. |
| 1,209 | |
| 1,209 | P=-0,826569%, D=0,89224. |
| 1,209 | |
| 1,201 | P=-0,451857%, D=59,48823. |
| 1,201 | |
| 1,201 | P=-0,511575%, D=31,01875. |
| 1,201 | |
| 1,202 | P=-0,883111%, D=37,86464. |
| 1,202 | |
| 1,205 | P=-1,393890%, D=27,68503. |
| 1,205 | |
| 1,212 | P=-1,507840%, D=21,41361. |
| 1,212 | |
| 1,214 | P=-1,982306%, D=26,97000. |
| 1,214 | |
| 1,223 | P=-1,632010%, D=0,80330. |
| 1,223 | |
| 1,210 | P=-1,285540%, D=33,98468. |
| 1,215 | |

Cotas Rojas Desmonte

| | |
|-------|---------|
| 1,217 | 535,802 |
| 1,217 | 535,800 |
| 1,258 | 535,711 |
| 1,258 | 534,744 |
| 1,234 | 533,200 |
| 1,250 | 532,368 |
| 1,217 | 531,498 |
| 1,217 | 531,216 |
| 1,204 | 530,803 |
| 1,204 | 529,762 |
| 1,204 | 529,590 |
| 1,209 | 528,725 |
| 1,201 | 528,448 |
| 1,201 | 528,290 |
| 1,205 | 527,955 |
| 1,212 | 527,569 |
| 1,214 | 527,247 |
| 1,223 | 526,712 |
| 1,210 | 526,262 |
| 1,215 | 526,171 |

Cotas Rojas Terraplen

| | |
|---------|---------|
| 535,802 | 534,744 |
| 535,800 | 533,200 |
| 535,711 | 532,368 |
| 534,744 | 531,498 |
| 533,200 | 531,216 |
| 532,368 | 530,803 |
| 531,498 | 529,762 |
| 531,216 | 529,590 |
| 530,803 | 528,725 |
| 530,803 | 528,448 |
| 530,803 | 528,290 |
| 530,803 | 527,955 |
| 530,803 | 527,569 |
| 530,803 | 527,247 |
| 530,803 | 526,712 |
| 530,803 | 526,262 |
| 530,803 | 526,171 |

Cotas de Rasante

| | |
|----------|---------|
| 537,079 | 536,002 |
| 537,017 | 536,969 |
| 536,671 | 536,969 |
| 2566,484 | 536,002 |
| 2563,671 | 536,002 |
| 2560,000 | 536,002 |
| 0,000 | 536,002 |

Cotas de Terreno

| | |
|----------|---------|
| 537,079 | 536,002 |
| 537,017 | 536,969 |
| 536,671 | 536,969 |
| 2566,484 | 536,002 |
| 2563,671 | 536,002 |
| 2560,000 | 536,002 |
| 0,000 | 536,002 |

Distancias a Origen

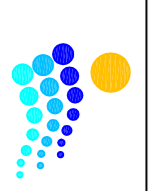
| | | | | | | | | | | | | | | | | | |
|-------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0,000 | 30,835 | 63,885 | 28,619 | 50,358 | 33,043 | 48,499 | 54,362 | 6,866 | 71,107 | 60,389 | 31,019 | 37,865 | 27,685 | 21,414 | 26,970 | 34,788 | 5,814 |
|-------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|

Distancias Parcelas

| | | | | | | | | | | | | | | | | | |
|-------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0,000 | 30,835 | 63,885 | 28,619 | 50,358 | 33,043 | 48,499 | 54,362 | 6,866 | 71,107 | 60,389 | 31,019 | 37,865 | 27,685 | 21,414 | 26,970 | 34,788 | 5,814 |
|-------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|

Numeración de Perfiles

| | | | | | | | | | | | | | | | |
|----------|--------|-------|--------|-------|-----|------|-----------|------|------|------|------|------|------|------|--------|
| 30203002 | 308005 | 30807 | 308010 | 30803 | 308 | 3087 | 308103822 | 3086 | 3087 | 3089 | 3081 | 3083 | 3085 | 3088 | 308041 |
|----------|--------|-------|--------|-------|-----|------|-----------|------|------|------|------|------|------|------|--------|



Aguas de Lorca

AREA DE PROYECTOS Y OBRAS

LOS TECNICOS REDACTORES DEL PROYECTO

DIBUJO

SUSTITUIVO A

ESCALAS

TITULO

Nº PLANO

DESIGNACION DEL PLANO

FECHA

CODIGO

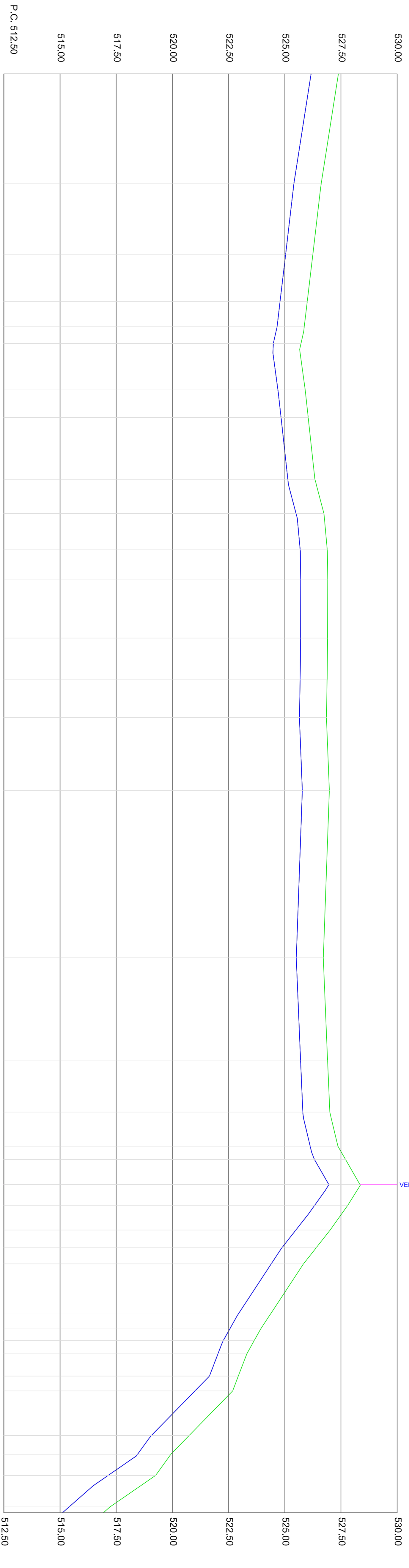
PROYECTOS=2018

PROYECTO DE RENOVACION RED DE ABASTECIMIENTO DE ZUJIGA A TORREALVILLA TERMINO MUNICIPAL DE LORCA (MURCIA)

4,1

PERFIL LONGITUDINAL TUB.Ø150 FD PK-2+560 A PK-3+200

AGOSTO-2018



ESCALAS (HORIZONTAL = 1000
VERTICAL = 100

P.C. 512.50

Pendientes

| | |
|-------|----------------------------|
| 1.215 | P=-1.58725%, D=4.70934 |
| 1.215 | P=-1.365120%, D=0.47051. |
| | P=-1.164073%, D=30.82478. |
| 1.208 | P=-1.189967%, D=20.99378. |
| 1.208 | P=-1.183139%, D=0.01411. |
| | P=-1.177961%, D=11.26684. |
| 1.208 | P=-2.245645%, D=7.45269. |
| 1.230 | P=-0.424759%, D=4.25630. |
| | P=1.368462%, D=17.45616. |
| 1.217 | P=1.104011%, D=12.51664. |
| 1.207 | P=1.088699%, D=27.45497. |
| 1.227 | P=1.846658%, D=1.74878. |
| | P=2.625703%, D=14.27865. |
| 1.211 | P=0.927674%, D=14.71676. |
| 1.806 | P=0.146079%, D=12.43574. |
| 1.200 | P=-0.026577%, D=26.18797. |
| 1.200 | P=-0.107320%, D=18.54822. |
| 1.200 | P=-0.172907%, D=16.73266. |
| 1.200 | P=0.113636%, D=0.68728. |
| | P=0.400174%, D=31.77920. |
| 1.201 | P=-0.381786%, D=74.17714. |
| 1.201 | P=0.028527%, D=0.93594. |
| | P=0.418788%, D=45.36900. |
| 1.201 | P=0.424063%, D=0.01651. |
| | P=0.432582%, D=23.11700. |
| 1.291 | P=1.390013%, D=2.25214. |
| | P=2.373083%, D=15.12800. |
| 1.233 | P=3.965108%, D=3.21257. |
| 1.384 | P=5.752139%, D=11.13070. |
| 1.384 | P=-6.257820%, D=2.53609. |
| 1.472 | P=-7.102533%, D=10.45257. |
| 1.472 | P=-7.879751%, D=14.86730. |
| 1.528 | P=-7.210298%, D=0.83035. |
| 1.437 | P=-6.580770%, D=28.87200. |
| 1.437 | P=-6.074293%, D=0.74172. |
| 1.375 | P=-5.589614%, D=11.09200. |
| 1.375 | P=-4.668061%, D=1.58516. |
| 1.284 | P=-3.807335%, D=14.21396. |
| 1.284 | P=-9.774731%, D=26.35877. |
| 1.678 | P=-8.409684%, D=1.37229. |
| 1.478 | P=-7.206437%, D=7.75200. |
| 2.114 | P=-14.498861%, D=12.82948. |
| 2.114 | P=-12.834411%, D=0.85677. |
| 1.820 | |

Cotas Rojas Terraplen

| | | |
|-------|---------|---------|
| 1.215 | 526.171 | 526.171 |
| | 526.404 | 526.404 |
| 1.208 | 525.039 | 525.039 |
| 1.208 | 524.789 | 524.789 |
| 1.208 | 524.657 | 524.657 |
| 1.230 | 524.489 | 524.489 |
| | 524.990 | 524.990 |
| 1.207 | 524.838 | 524.838 |
| 1.227 | 525.127 | 525.127 |
| 1.211 | 525.685 | 525.685 |
| 1.806 | 525.689 | 525.689 |
| 1.200 | 525.709 | 525.709 |
| 1.200 | 525.702 | 525.702 |
| 1.200 | 525.682 | 525.682 |
| 1.200 | 525.653 | 525.653 |
| 1.201 | 525.781 | 525.781 |
| 1.201 | 525.513 | 525.513 |
| 1.201 | 525.703 | 525.703 |
| 1.291 | 525.803 | 525.803 |
| 1.233 | 526.128 | 526.128 |
| 1.384 | 526.321 | 526.321 |
| 1.384 | 526.961 | 526.961 |
| 1.472 | 526.329 | 526.329 |
| 1.472 | 526.060 | 526.060 |
| 1.528 | 525.493 | 525.493 |
| 1.437 | 524.394 | 524.394 |
| 1.437 | 522.929 | 522.929 |
| 1.375 | 522.556 | 522.556 |
| 1.375 | 522.284 | 522.284 |
| 1.284 | 522.027 | 522.027 |
| 1.284 | 521.648 | 521.648 |
| 1.678 | 521.003 | 521.003 |
| 1.678 | 519.072 | 519.072 |
| 1.478 | 518.358 | 518.358 |
| 2.114 | 517.136 | 517.136 |
| 2.114 | 516.538 | 516.538 |
| 1.820 | 515.399 | 515.399 |

Cotas de Rasante

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 527.385 | 526.619 | 526.247 | 525.998 | 525.865 | 525.719 | 525.917 | 526.043 | 526.342 | 526.740 | 526.899 | 526.909 | 526.902 | 526.882 | 526.853 | 526.982 | 526.714 | 526.802 | 526.834 | 527.381 | 527.520 | 527.705 | 528.345 | 527.801 | 527.532 | 527.021 | 526.416 | 525.831 | 524.365 | 524.365 | 3751.614 | 3758.211 | 3763.448 | 3769.303 | 3779.247 | 3785.850 | 3805.606 | 3814.994 | 3823.430 | 3827.560 | 3837.438 |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|

Cotas de Terreno

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 527.385 | 526.619 | 526.247 | 525.998 | 525.865 | 525.719 | 525.917 | 526.043 | 526.342 | 526.740 | 526.899 | 526.909 | 526.902 | 526.882 | 526.853 | 526.982 | 526.714 | 526.802 | 526.834 | 527.381 | 527.520 | 527.705 | 528.345 | 527.801 | 527.532 | 527.021 | 526.416 | 525.831 | 524.365 | 524.365 | 3751.614 | 3758.211 | 3763.448 | 3769.303 | 3779.247 | 3785.850 | 3805.606 | 3814.994 | 3823.430 | 3827.560 | 3837.438 |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|

Distancias a Origen

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 3200.000 | 3248.895 | 3280.190 | 3301.184 | 3312.465 | 3319.918 | 3340.658 | 3352.939 | 3380.303 | 3395.537 | 3413.398 | 3424.789 | 3450.970 | 3469.518 | 3486.251 | 3518.894 | 3592.894 | 3636.908 | 3662.834 | 3676.942 | 3679.715 | 3682.925 | 3694.056 | 3703.255 | 3707.045 | 3714.237 | 3721.912 | 3729.339 | 3751.614 | 3758.211 | 3763.448 | 3769.303 | 3779.247 | 3785.850 | 3805.606 | 3814.994 | 3823.430 | 3827.560 | 3837.438 |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|

Distancias Parciales

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|-------|-------|--------|-------|-------|-------|-------|-------|--------|-------|-------|--------|
| 0.000 | 48.895 | 31.295 | 20.994 | 11.281 | 7.453 | 20.240 | 12.681 | 27.464 | 15.234 | 16.166 | 13.007 | 26.260 | 18.548 | 16.733 | 32.443 | 74.200 | 45.803 | 23.117 | 15.128 | 5.983 | 11.131 | 9.199 | 10.982 | 7.675 | 7.427 | 22.275 | 6.597 | 5.237 | 5.855 | 9.944 | 6.603 | 19.756 | 8.388 | 9.436 | 14.008 |
|-------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|-------|-------|--------|-------|-------|-------|-------|-------|--------|-------|-------|--------|

Numeraación de Perfiles

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 340 | 343 | 345 | 348 | 349 | 350 | 351 | 352 | 353 | 354 | 355 | 356 | 357 | 358 | 359 | 360 | 361 | 362 | 363 | 364 | 365 | 366 | 367 | 368 | 369 | 370 | 371 | 372 | 373 | 374 | 375 | 376 | 377 | 378 | 379 | 380 | 381 | 382 | 383 | 384 | 385 | 386 | 387 | 388 | 389 | 390 | 391 | 392 | 393 | 394 | 395 | 396 | 397 | 398 | 399 | 400 | 401 | 402 | 403 | 404 | 405 | 406 | 407 | 408 | 409 | 410 | 411 | 412 | 413 | 414 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|



Aguas de Lorca

AREA DE PROYECTOS Y OBRAS

LOS TECNICOS REDACTORES DEL PROYECTO

DIBUJO

SUSTITUIVO A

ESCALAS

TITULO

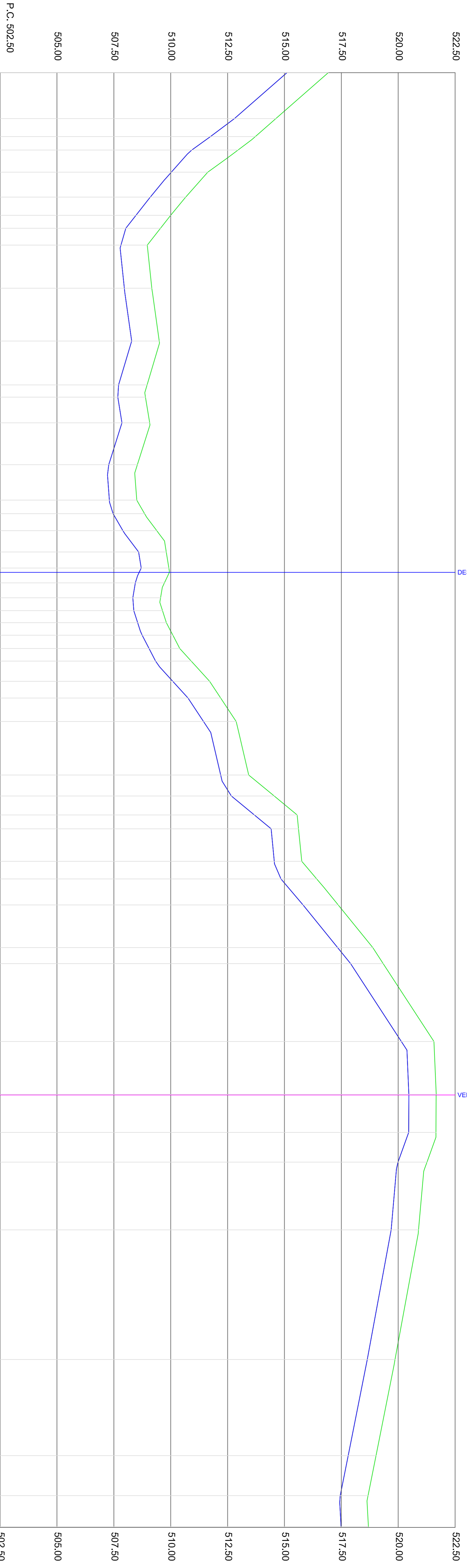
PROYECTO DE RENOVACION RED DE ABASTECIMIENTO DE ZUJIGA A TORREALVILLA TERMINO MUNICIPAL DE LORCA (MURCIA)

Nº PLANO

DESIGNACION DEL PLANO

FECHA

AGOSTO-2018



ESCALAS { HORIZONTAL = 1:1000
VERTICAL = 1:100

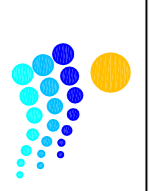
P.C. 502.50

Pendientes
Cotas Rojas Desmonte

| | |
|-------|----------------------------|
| 1.820 | P=-11.401238%, D=31.79013. |
| 1.820 | P=-13.333337%, D=7.91142. |
| 1.973 | P=-13.831026%, D=5.93949. |
| 2.030 | P=-11.037227%, D=1.77109. |
| | P=-8.851173%, D=10.95900. |
| 1.603 | P=-8.536737%, D=0.32477. |
| 1.603 | P=-8.235588%, D=0.01400. |
| 1.668 | P=-8.035929%, D=0.22469. |
| | P=-7.839654%, D=13.13800. |
| 1.525 | |
| 1.525 | P=-2.874351%, D=8.66286. |
| 1.267 | |
| | P=1.055075%, D=18.95800. |
| 1.297 | |
| | P=1.231771%, D=0.41534. |
| | P=1.409150%, D=21.53795. |
| 1.212 | |
| | P=-2.975780%, D=19.33600. |
| 1.252 | |
| 1.216 | P=-0.641947%, D=5.34655. |
| | P=1.624301%, D=11.33645. |
| 1.216 | |
| | P=-3.170250%, D=18.40719. |
| 1.259 | |
| | P=-1.164462%, D=4.52741. |
| | P=0.752949%, D=11.95300. |
| 1.298 | |
| | P=3.073786%, D=5.07462. |
| 1.384 | P=5.742521%, D=7.48800. |
| 1.491 | P=6.604051%, D=1.24846. |
| | P=7.539604%, D=8.09029. |
| 1.215 | P=1.589102%, D=7.06261. |
| 1.215 | P=-4.708392%, D=3.39205. |
| 1.277 | P=-3.126999%, D=3.12789. |
| 1.217 | P=-1.676318%, D=6.56200. |
| 1.261 | P=0.732714%, D=5.67165. |
| 1.261 | P=3.229399%, D=8.98000. |
| 1.333 | P=4.172111%, D=1.83367. |
| 1.352 | |
| 1.567 | P=5.182578%, D=11.36500. |
| | P=6.959710%, D=2.55107. |
| 1.622 | P=9.092165%, D=13.73475. |
| 1.438 | |
| | P=6.609801%, D=15.13516. |
| 1.438 | |
| | P=2.334478%, D=21.42243. |
| 1.232 | |
| 1.499 | P=6.202683%, D=6.52877. |
| 1.886 | |
| | P=12.122247%, D=14.41716. |
| 1.886 | |
| | P=0.980058%, D=15.47450. |
| 1.206 | |
| | P=4.238921%, D=6.59835. |
| 1.574 | P=8.494404%, D=11.43354. |
| 1.545 | |
| | P=8.112208%, D=25.78596. |
| 1.545 | |
| 1.432 | |
| | P=6.505754%, D=38.06741. |
| 1.432 | |
| 1.201 | P=0.424639%, D=19.76997. |
| 1.209 | |
| | P=-0.053792%, D=16.43565. |
| 1.200 | |
| | P=-3.596646%, D=13.07638. |
| 1.275 | P=-2.196627%, D=3.01161. |
| | P=-0.878093%, D=26.76972. |
| 1.205 | |
| | P=-1.836119%, D=57.00802. |
| 1.220 | |
| | P=-1.985082%, D=42.28142. |
| 1.223 | |
| | P=-1.986154%, D=17.62079. |
| 1.223 | |
| | P=-0.702963%, D=3.00585. |
| | P=0.557636%, D=10.65122. |
| 1.202 | |

Cotas de Rasante
Cotas de Terreno
Distancias a Origen
Distancias Parciales
Numeración de Perfiles

| | | | |
|----------|----------|----------|----------|
| 515.107 | 512.803 | 515.107 | 512.803 |
| 516.927 | 514.623 | 516.927 | 514.623 |
| 3840.000 | 3860.207 | 3840.000 | 3860.207 |
| 7.911 | 3868.118 | 7.911 | 3868.118 |
| 5.939 | 3874.057 | 5.939 | 3874.057 |
| 9.725 | 3883.782 | 9.725 | 3883.782 |
| 10.959 | 3886.788 | 10.959 | 3886.788 |
| 8.014 | 3902.755 | 8.014 | 3902.755 |
| 5.734 | 3908.489 | 5.734 | 3908.489 |
| 7.404 | 3915.892 | 7.404 | 3915.892 |
| 18.956 | 3936.908 | 18.956 | 3936.908 |
| 23.212 | 3958.061 | 23.212 | 3958.061 |
| 19.336 | 3977.397 | 19.336 | 3977.397 |
| 5.347 | 3982.744 | 5.347 | 3982.744 |
| 11.336 | 3994.080 | 11.336 | 3994.080 |
| 18.407 | 4012.488 | 18.407 | 4012.488 |
| 15.579 | 4028.068 | 15.579 | 4028.068 |
| 5.976 | 4034.043 | 5.976 | 4034.043 |
| 7.488 | 4041.531 | 7.488 | 4041.531 |
| 9.339 | 4050.870 | 9.339 | 4050.870 |
| 7.063 | 4057.932 | 7.063 | 4057.932 |
| 6.520 | 4064.452 | 6.520 | 4064.452 |
| 6.562 | 4071.014 | 6.562 | 4071.014 |
| 5.872 | 4076.686 | 5.872 | 4076.686 |
| 5.292 | 4081.978 | 5.292 | 4081.978 |
| 5.522 | 4087.888 | 5.522 | 4087.888 |
| 5.843 | 4093.343 | 5.843 | 4093.343 |
| 5.522 | 4098.865 | 5.522 | 4098.865 |
| 8.897 | 4107.762 | 8.897 | 4107.762 |
| 7.388 | 4115.150 | 7.388 | 4115.150 |
| 10.313 | 4125.463 | 10.313 | 4125.463 |
| 23.517 | 4148.980 | 23.517 | 4148.980 |
| 9.257 | 4158.237 | 9.257 | 4158.237 |
| 8.314 | 4166.551 | 8.314 | 4166.551 |
| 6.103 | 4172.654 | 6.103 | 4172.654 |
| 14.304 | 4188.958 | 14.304 | 4188.958 |
| 7.769 | 4194.727 | 7.769 | 4194.727 |
| 11.434 | 4208.160 | 11.434 | 4208.160 |
| 18.715 | 4224.875 | 18.715 | 4224.875 |
| 7.071 | 4231.946 | 7.071 | 4231.946 |
| 34.277 | 4266.223 | 34.277 | 4266.223 |
| 23.314 | 4289.934 | 23.314 | 4289.934 |
| 16.682 | 4306.219 | 16.682 | 4306.219 |
| 13.076 | 4319.296 | 13.076 | 4319.296 |
| 29.781 | 4349.077 | 29.781 | 4349.077 |
| 57.036 | 4406.113 | 57.036 | 4406.113 |
| 42.281 | 4448.394 | 42.281 | 4448.394 |
| 17.621 | 4466.015 | 17.621 | 4466.015 |
| 13.657 | 4479.672 | 13.657 | 4479.672 |



Aguas de Lorca

AREA DE PROYECTOS Y OBRAS

LOS TECNICOS REDACTORES DEL PROYECTO

DIBUJO

SUSTITUIVO A

ESCALAS

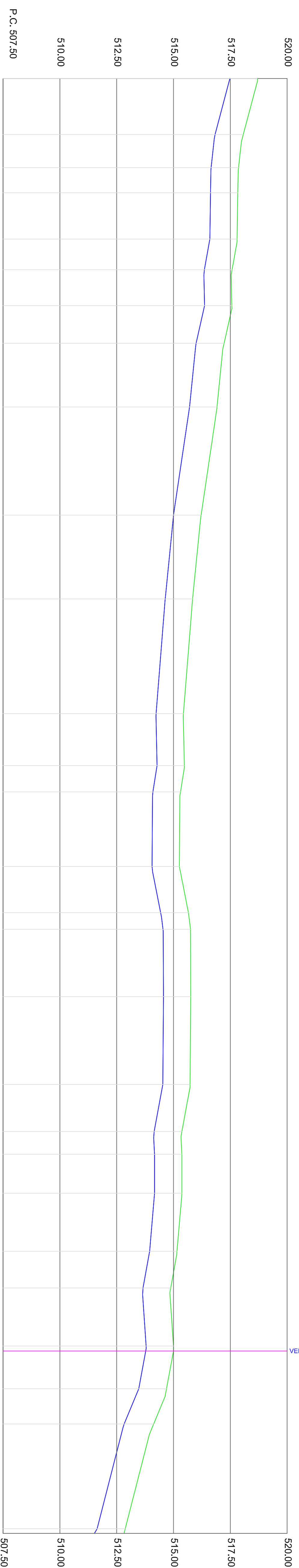
TITULO

Nº PLANO

DESIGNACION DEL PLANO

FECHA

| | | | | | | | |
|-------|----------------|-------------------------|----------|---|-----|---|-------------|
| COTEO | SUSTITUIDO POR | Original A-3 H=1/100 | GRAFICOS | PROYECTO DE RENOVACION RED DE ABASTECIMIENTO DE ZUJIGA A TORREALVILLA TERMINO MUNICIPAL DE LORCA (MURCIA) | 4.1 | PERFIL LONGITUDINAL TUB.Ø150 FD PK=+840 A PK=+4+480 | AGOSTO-2018 |
|-------|----------------|-------------------------|----------|---|-----|---|-------------|



Pendientes

| | |
|-------|---------------------------|
| 1.212 | P=-2,650835%, D=24,94285. |
| 1.241 | P=-1,862309%, D=1,76797. |
| 1.207 | P=-1,095547%, D=12,77900. |
| 1.207 | P=-0,646395%, D=1,06715. |
| 1.200 | P=-0,199780%, D=10,01100. |
| 1.200 | P=-0,170271%, D=0,07048. |
| 1.200 | P=-0,141024%, D=20,28807. |
| 1.200 | P=-1,798063%, D=13,49052. |
| 1.219 | P=-0,790148%, D=2,36601. |
| 1.200 | P=-0,202031%, D=13,40888. |
| 1.200 | P=-2,222837%, D=16,58889. |
| 1.229 | P=-1,608036%, D=1,40413. |
| 1.206 | P=-1,004799%, D=26,59010. |
| 1.206 | P=-1,482596%, D=47,60974. |
| 1.213 | P=-1,236575%, D=0,57506. |
| 1.206 | P=-0,992200%, D=36,28300. |
| 1.206 | P=-0,894379%, D=0,23178. |
| 1.204 | P=-0,786718%, D=50,20900. |
| 1.204 | P=-0,287688%, D=1,21695. |
| 1.200 | P=-0,219974%, D=21,65253. |
| 1.200 | P=-1,584531%, D=11,55755. |
| 1.215 | P=-0,819841%, D=1,80059. |
| 1.200 | P=-0,064516%, D=31,00000. |
| 1.200 | P=0,945225%, D=2,40186. |
| 1.223 | P=1,974431%, D=19,83108. |
| 1.209 | P=1,228838%, D=6,18218. |
| 1.200 | P=0,033738%, D=28,86027. |
| 1.200 | P=-0,075451%, D=38,64514. |
| 1.200 | P=-1,842046%, D=20,68200. |
| 1.220 | P=-0,657360%, D=2,78417. |
| 1.200 | P=0,509228%, D=7,55006. |
| 1.200 | D=16,82061. |
| 1.200 | P=-0,861680%, D=25,51389. |
| 1.204 | P=-1,794475%, D=16,17865. |
| 1.219 | P=-0,546930%, D=2,93822. |
| 1.200 | P=0,683849%, D=22,98812. |
| 1.200 | D=0,70337. |
| 1.220 | P=-1,845109%, D=17,72285. |
| 1.220 | P=-4,152892%, D=15,46457. |
| 1.299 | P=-3,337311%, D=1,62667. |
| 1.239 | P=-2,559703%, D=44,48657. |

Colas Rojas Terraplen

Colas de Rasante

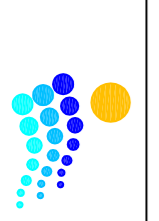
Colas de Terreno

Distancias a Origen

Distancias Parciales

Numeración de Perfiles

| | | | | |
|---------|---------|---------|---------|---------|
| 517,481 | 518,693 | 516,070 | 516,828 | 517,481 |
| 516,828 | 516,655 | 517,862 | 516,655 | 516,828 |
| 516,628 | 517,828 | 517,828 | 516,628 | 516,628 |
| 516,600 | 517,800 | 517,800 | 516,600 | 516,600 |
| 516,357 | 517,576 | 517,576 | 516,357 | 516,357 |
| 516,365 | 517,566 | 517,566 | 516,365 | 516,365 |
| 515,997 | 517,226 | 517,226 | 515,997 | 515,997 |
| 515,707 | 516,913 | 516,913 | 515,707 | 515,707 |
| 515,001 | 516,214 | 516,214 | 515,001 | 515,001 |
| 514,634 | 515,840 | 515,840 | 514,634 | 514,634 |
| 514,232 | 515,436 | 515,436 | 514,232 | 514,232 |
| 514,276 | 515,476 | 515,476 | 514,276 | 514,276 |
| 514,093 | 515,308 | 515,308 | 514,093 | 514,093 |
| 514,058 | 515,258 | 515,258 | 514,058 | 514,058 |
| 514,435 | 515,658 | 515,658 | 514,435 | 514,435 |
| 514,548 | 515,748 | 515,748 | 514,548 | 514,548 |
| 514,558 | 515,758 | 515,758 | 514,558 | 514,558 |
| 514,529 | 515,729 | 515,729 | 514,529 | 514,529 |
| 514,148 | 515,368 | 515,368 | 514,148 | 514,148 |
| 514,168 | 515,388 | 515,388 | 514,168 | 514,168 |
| 513,948 | 515,153 | 515,153 | 513,948 | 513,948 |
| 513,658 | 514,877 | 514,877 | 513,658 | 513,658 |
| 513,706 | 514,999 | 514,999 | 513,706 | 513,706 |
| 513,472 | 514,692 | 514,692 | 513,472 | 513,472 |
| 512,830 | 514,129 | 514,129 | 512,830 | 512,830 |
| 511,637 | 512,875 | 512,875 | 511,637 | 511,637 |

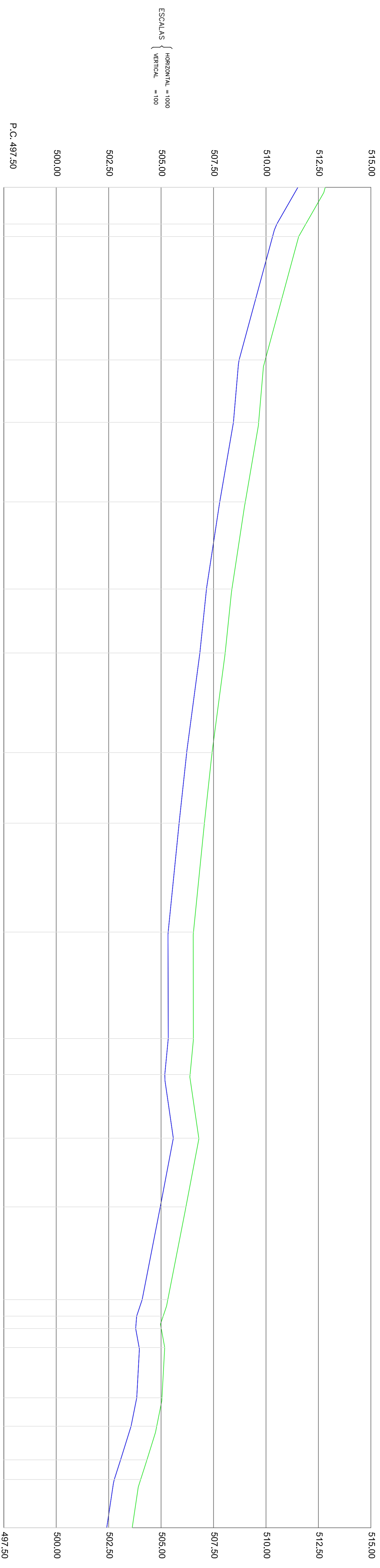


Aguas de Lorca

AREA DE PROYECTOS Y OBRAS

LOS TECNICOS REDACTORES DEL PROYECTO

| | | | | | | | |
|--------|--------|----------------|------------------------------------|---|----------|---|----------------|
| DIBUJO | COTEJO | SUSTITUIVO A | ESCALAS | TITULO | Nº PLANO | DESIGNACION DEL PLANO | FECHA |
| | | SUSTITUIDO POR | Original A=3 H=1/100 G=1/100 | PROYECTO DE RENOVACION RED DE ABASTECIMIENTO DE ZUNIGA A TORREALVILLA TERMINO MUNICIPAL DE LORCA (MURCIA) | 4.1 | PERFIL LONGITUDINAL TUB.Ø150 FD PK=4+480 A PK=5+120 | AGOSTO-2018 |
| | | | GRAFICOS | | 8 DE 10 | | PROYECTOS-2018 |



Pendientes

| | |
|-------|---------------------------|
| 1.303 | P=-5.720964%, D=19.58324. |
| 1.382 | P=-4.133488%, D=2.82444. |
| 1.243 | P=-2.705993%, D=32.85300. |
| 1.243 | P=-2.704645%, D=29.21045. |
| 1.243 | P=-1.763575%, D=2.11451. |
| 1.204 | P=-0.851820%, D=27.66723. |
| 1.218 | P=-1.715131%, D=37.97873. |
| 1.218 | P=-1.618635%, D=0.22260. |
| 1.214 | P=-1.522291%, D=41.38500. |
| 1.214 | P=-1.275195%, D=0.57701. |
| 1.206 | P=-1.029523%, D=29.94016. |
| 1.210 | P=-1.319703%, D=47.56774. |
| 1.210 | P=-1.196939%, D=0.28790. |
| 1.207 | P=-1.074593%, D=33.40800. |
| 1.207 | P=-1.037366%, D=0.08647. |
| 1.206 | P=-1.001397%, D=51.92900. |
| 1.206 | P=-0.489519%, D=1.21956. |
| 1.200 | P=-0.019921%, D=60.61978. |
| 1.205 | P=-0.957587%, D=17.17044. |
| 1.213 | P=0.245995%, D=2.87364. |
| 1.213 | P=1.456686%, D=27.52913. |
| 1.221 | P=-1.896331%, D=32.79670. |
| 1.223 | P=-1.952000%, D=44.27689. |
| 1.266 | P=-3.357638%, D=7.88989. |
| 1.219 | P=-0.732798%, D=5.94011. |
| 1.202 | P=1.795331%, D=9.76349. |
| 1.202 | P=-0.544519%, D=23.27576. |
| 1.224 | P=-1.994156%, D=13.58470. |
| 1.257 | P=-3.116013%, D=16.05234. |
| 1.259 | P=-3.177960%, D=9.40777. |
| 1.213 | P=-2.319919%, D=1.86239. |
| | P=-1.493078%, D=22.10200. |

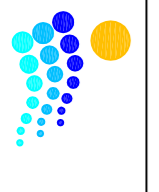
Cotas Rojas Desmonte

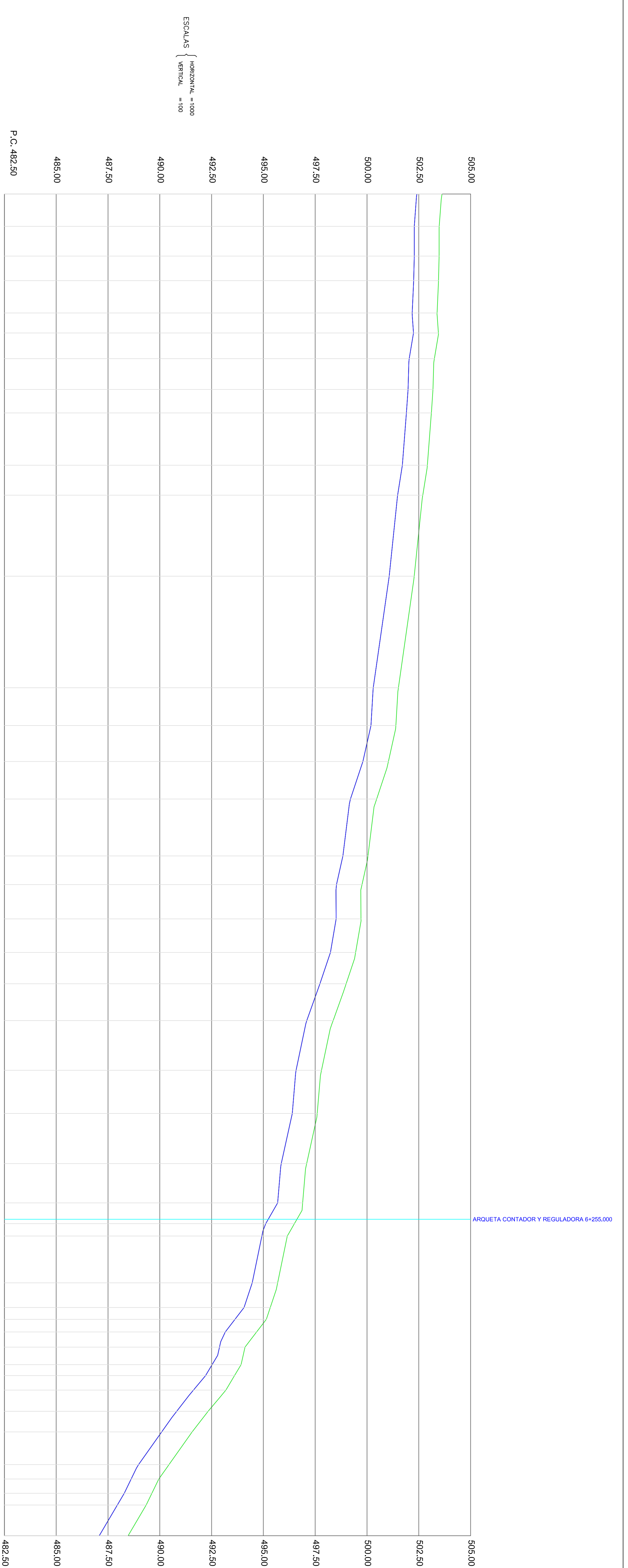
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|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|---------|---------|---------|
| 517.71 | 517.7374 | 517.776 | 517.79 | 518.01 | 518.31 | 518.67 | 518.89 | 519.02 | 519.06 | 519.08 | 519.09 | 519.10 | 519.11 | 519.12 | 519.13 | 519.14 | 519.15 | 519.16 | 519.17 | 519.18 | 519.19 | 519.20 | 519.21 | 519.22 | 519.23 | 519.24 | | |
| 0.000 | 17.542 | 5.959 | 29.719 | 29.210 | 29.782 | 37.979 | 41.608 | 30.517 | 47.568 | 33.696 | 52.015 | 50.834 | 17.170 | 30.403 | 32.797 | 44.277 | 7.890 | 5.940 | 9.020 | 24.020 | 13.585 | 16.052 | 9.408 | 23.010 | 5760.000 | 503.622 | 502.408 | |
| 512.823 | 513.542 | 514.501 | 517.220 | 520.430 | 523.212 | 527.019 | 531.798 | 534.315 | 538.883 | 542.579 | 547.594 | 552.429 | 554.599 | 557.002 | 560.679 | 565.075 | 565.965 | 566.905 | 567.865 | 569.945 | 571.529 | 572.582 | 573.990 | 576.000 | 512.823 | 511.899 | 511.558 | 510.315 |
| 511.520 | 510.516 | 510.315 | 509.511 | 508.721 | 508.448 | 507.796 | 507.163 | 506.847 | 506.219 | 505.857 | 505.336 | 505.340 | 505.175 | 505.584 | 504.962 | 504.097 | 503.832 | 503.789 | 503.864 | 503.837 | 503.567 | 503.066 | 502.767 | 502.408 | 511.520 | 510.516 | 510.315 | 510.315 |

Distancias a Origen

Distancias Parciales

Numeración de Perfiles





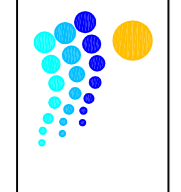
ESCALAS { HORIZONTAL = 1000
VERTICAL = 100

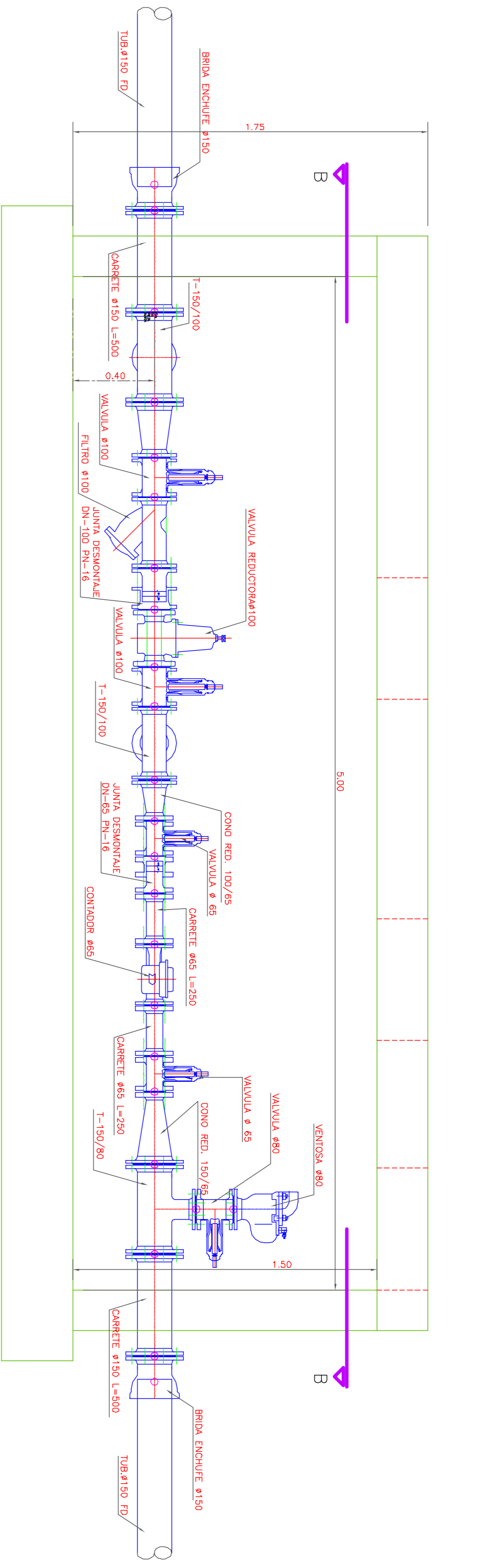
Pendientes

| | |
|-------|--|
| 1.213 | P=-1,107632%, D=0,90382. |
| | P=-0,725426%, D=13,78500. |
| 1.203 | P=-0,362231%, D=0,86823. D=13,45765. |
| 1.200 | P=-0,247283%, D=11,86534. |
| 1.200 | P=-0,444834%, D=15,61772. |
| 1.201 | P=0,138342%, D=1,39799. P=0,722463%, D=8,26423. |
| 1.203 | P=-1,663534%, D=12,41688. |
| 1.216 | P=-0,975655%, D=1,61317. P=-0,296799%, D=13,24295. |
| 1.201 | P=-0,687999%, D=11,34188. |
| 1.203 | P=-0,776215%, D=25,22754. |
| 1.204 | P=-1,600055%, D=14,45569. |
| 1.215 | P=-1,315670%, D=0,66240. P=-1,033432%, D=38,47635. |
| 1.206 | P=-1,424027%, D=53,84343. |
| 1.212 | P=-1,012616%, D=0,96769. P=-0,604490%, D=17,24645. |
| 1.202 | P=-2,223167%, D=17,36883. |
| 1.229 | P=-3,314090%, D=18,13080. P=-2,255736%, D=2,29433. |
| 1.264 | P=-1,243393%, D=25,16751. |
| 1.209 | P=-2,226853%, D=13,85583. |
| 1.229 | P=-1,062636%, D=2,69679. P=0,073713%, D=13,86181. |
| 1.200 | P=-1,704982%, D=16,21724. |
| 1.217 | P=-3,358835%, D=15,08330. |
| 1.266 | P=-3,574221%, D=17,79736. |
| 1.274 | P=-2,821190%, D=1,57643. P=-2,096623%, D=22,41700. |
| 1.226 | P=-1,464210%, D=1,45423. P=-0,843129%, D=19,37081. |
| 1.204 | P=-2,198640%, D=24,19355. |
| 1.229 | P=-1,516193%, D=1,56365. P=-0,847335%, D=17,40611. |
| 1.204 | P=-5,749913%, D=10,03647. |
| 1.384 | P=-3,792228%, D=3,56105. P=-2,059452%, D=25,04025. |
| 1.225 | P=-3,327103%, D=11,87003. |
| 1.265 | P=-7,669399%, D=11,82945. |
| 1.512 | P=-4,671046%, D=4,68734. P=-2,233254%, D=6,59164. |
| 1.230 | P=-5,948410%, D=9,80559. |
| 1.396 | P=-8,393518%, D=9,50143. P=-8,055325%, D=0,37712. P=-7,727820%, D=9,96400. |
| 1.567 | P=-7,404076%, D=0,39693. |
| 1.517 | P=-7,090325%, D=22,70700. |
| 1.471 | P=-5,912684%, D=1,70843. P=-4,845112%, D=12,15582. |
| 1.333 | P=-5,879972%, D=20,47952. |
| 1.392 | |
| 1.392 | |

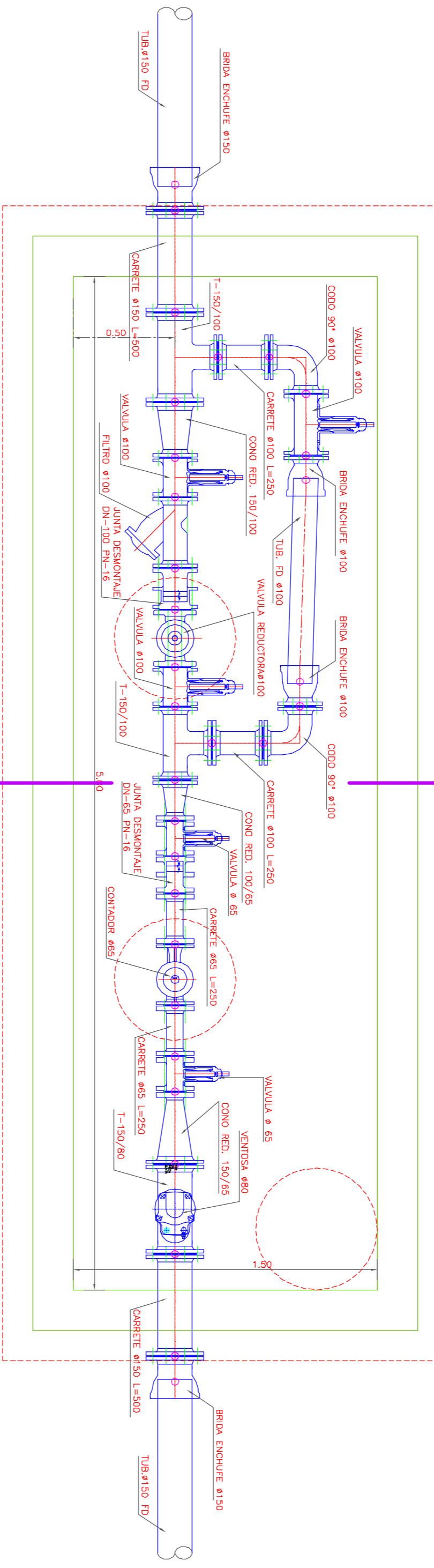
Cotas Rojas Terraplen
Cotas de Rasante
Cotas de Terreno
Distancias a Origen
Distancias Parciales
Numeración de Perfiles

| | | | |
|--------|----------|---------|---------|
| 0,000 | 5768,989 | 593,669 | 592,588 |
| 15,643 | 5775,643 | 503,487 | 502,284 |
| 14,326 | 5789,969 | 503,481 | 502,281 |
| 11,865 | 5801,834 | 503,452 | 502,252 |
| 15,618 | 5817,452 | 503,383 | 502,182 |
| 9,662 | 5827,114 | 503,447 | 502,244 |
| 12,417 | 5839,531 | 503,254 | 502,037 |
| 14,856 | 5854,387 | 503,183 | 501,982 |
| 11,342 | 5865,729 | 503,107 | 501,904 |
| 25,228 | 5890,956 | 502,912 | 501,708 |
| 14,456 | 5905,412 | 502,692 | 501,477 |
| 39,139 | 5944,551 | 502,277 | 501,071 |
| 53,843 | 5998,394 | 501,516 | 500,304 |
| 18,214 | 6016,608 | 501,392 | 500,190 |
| 17,369 | 6033,977 | 501,033 | 499,804 |
| 18,131 | 6052,108 | 500,467 | 499,203 |
| 27,462 | 6079,570 | 500,047 | 498,838 |
| 13,856 | 6093,426 | 499,759 | 498,530 |
| 16,559 | 6109,984 | 499,711 | 498,511 |
| 16,217 | 6126,202 | 499,452 | 498,235 |
| 15,083 | 6141,285 | 498,994 | 497,728 |
| 17,797 | 6159,082 | 498,366 | 497,082 |
| 23,993 | 6183,076 | 497,804 | 496,578 |
| 20,825 | 6203,901 | 497,597 | 496,383 |
| 24,194 | 6228,094 | 497,090 | 495,861 |
| 18,970 | 6247,064 | 496,894 | 495,690 |
| 10,036 | 6257,100 | 496,497 | 495,113 |
| 5,962 | 6263,082 | 496,153 | 494,928 |
| 22,620 | 6285,702 | 495,687 | 494,462 |
| 11,870 | 6297,572 | 495,332 | 494,067 |
| 5,702 | 6303,274 | 495,142 | 493,630 |
| 6,127 | 6309,401 | 494,672 | 493,160 |
| 7,303 | 6316,704 | 494,112 | 492,882 |
| 8,320 | 6320,680 | 494,023 | 492,794 |
| 8,463 | 6325,167 | 493,923 | 492,527 |
| 5,319 | 6330,486 | 493,607 | 492,210 |
| 6,970 | 6337,456 | 493,192 | 491,625 |
| | 6339,987 | 492,980 | 491,413 |
| 10,246 | 6347,702 | 492,332 | 490,815 |
| | 6350,328 | 492,129 | 490,612 |
| 9,964 | 6357,686 | 491,562 | 490,091 |
| 15,766 | 6373,432 | 490,444 | 488,973 |
| 6,941 | 6380,373 | 489,952 | 488,619 |
| 6,923 | 6387,296 | 489,617 | 488,283 |
| 5,667 | 6392,963 | 489,342 | 487,950 |
| 14,813 | 6407,776 | 488,471 | 487,079 |

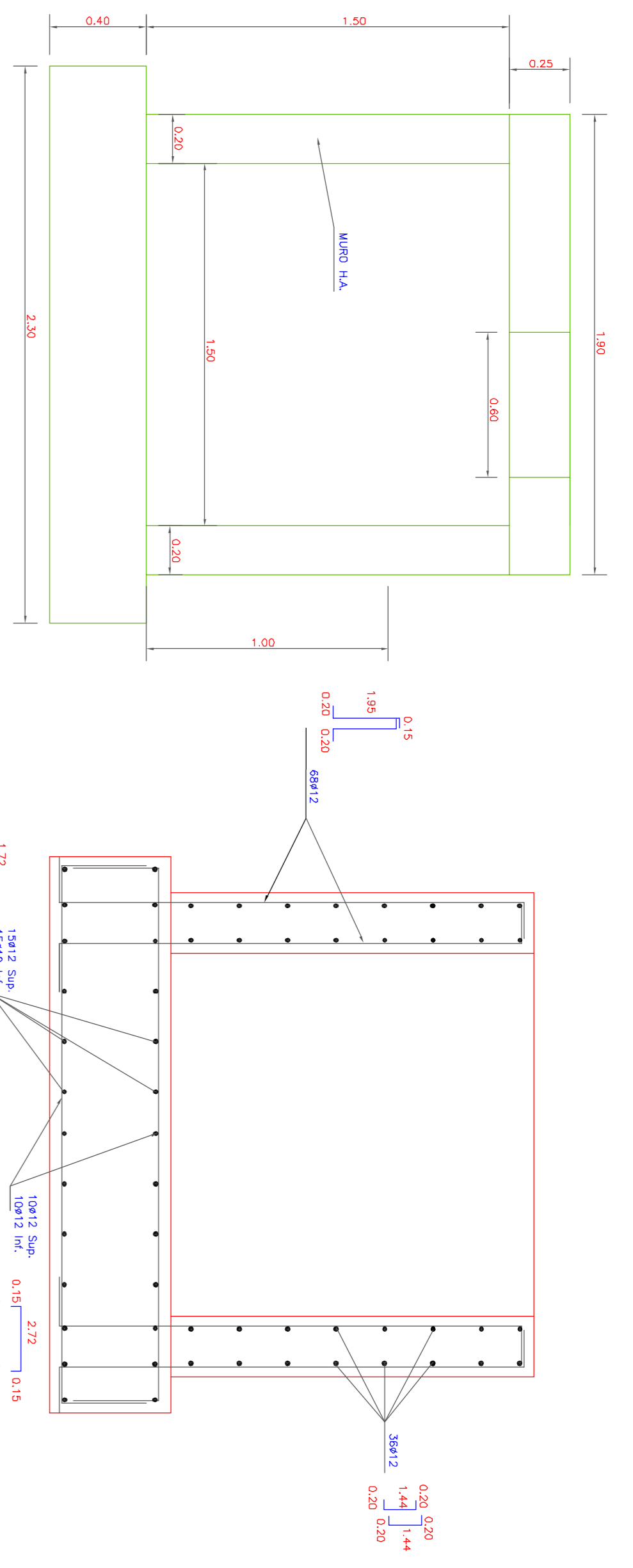




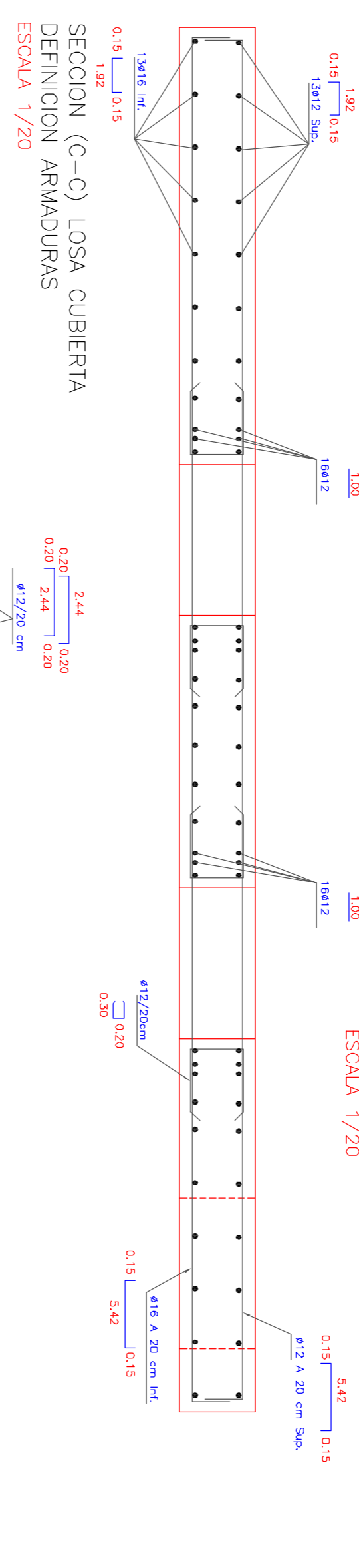
SECCION LONGITUDINAL ARQUETA VALVULA REDUCTORA Y CAUDALIMETRO
DEFINICION HIDRAULICA Y GEOMETRICA
ESCALA 1/20



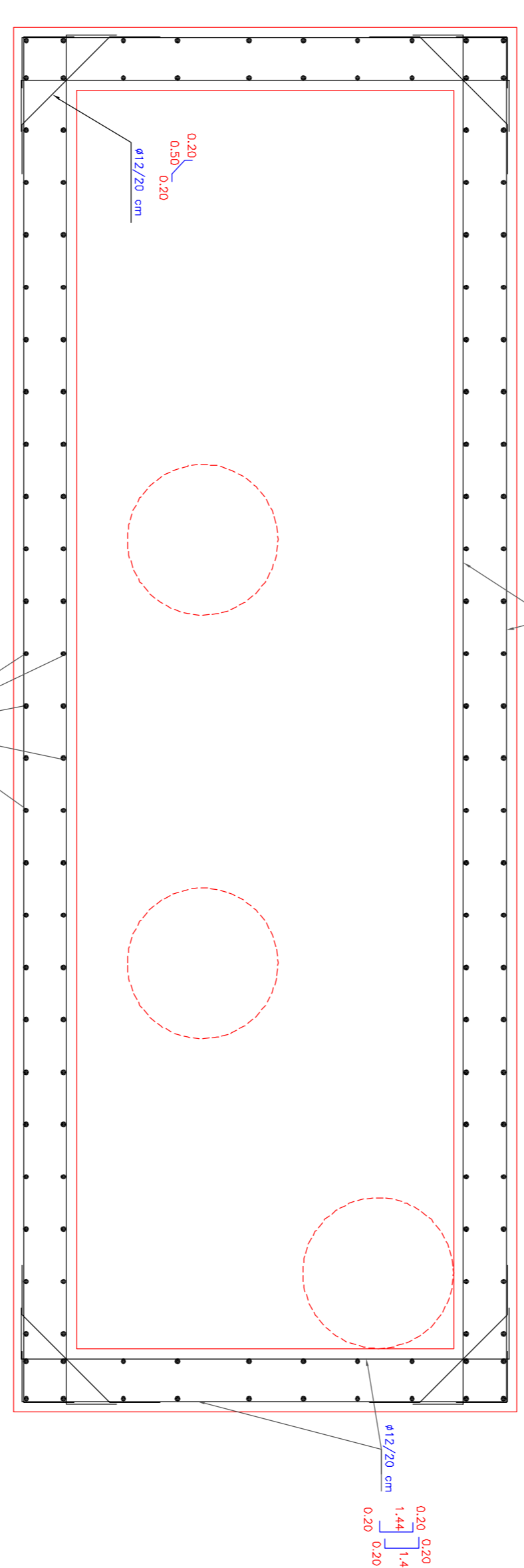
PLANTA ARQUETA VALVULA REDUCTORA Y CAUDALIMETRO
DEFINICION HIDRAULICA Y GEOMETRICA
ESCALA 1/20



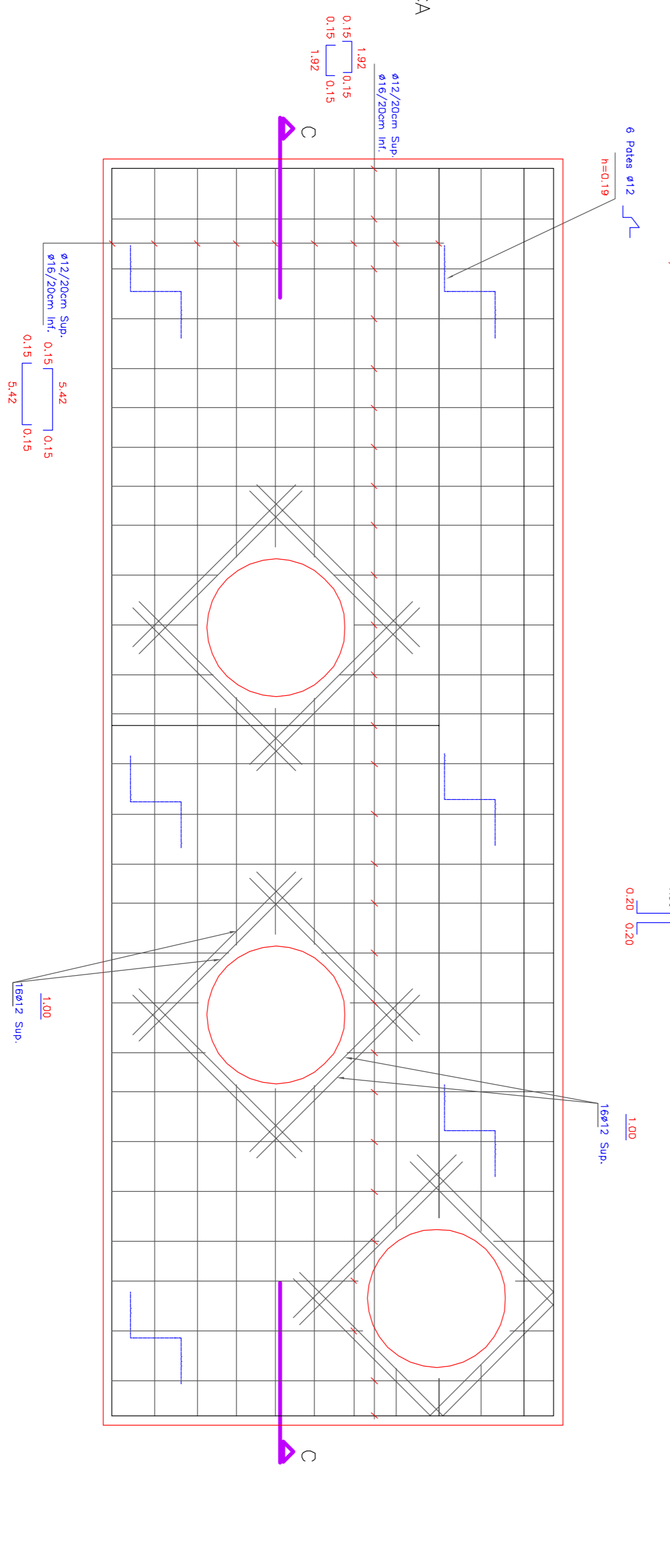
SECCION (A-A)
DEFINICION GEOMETRICA
ESCALA 1/20



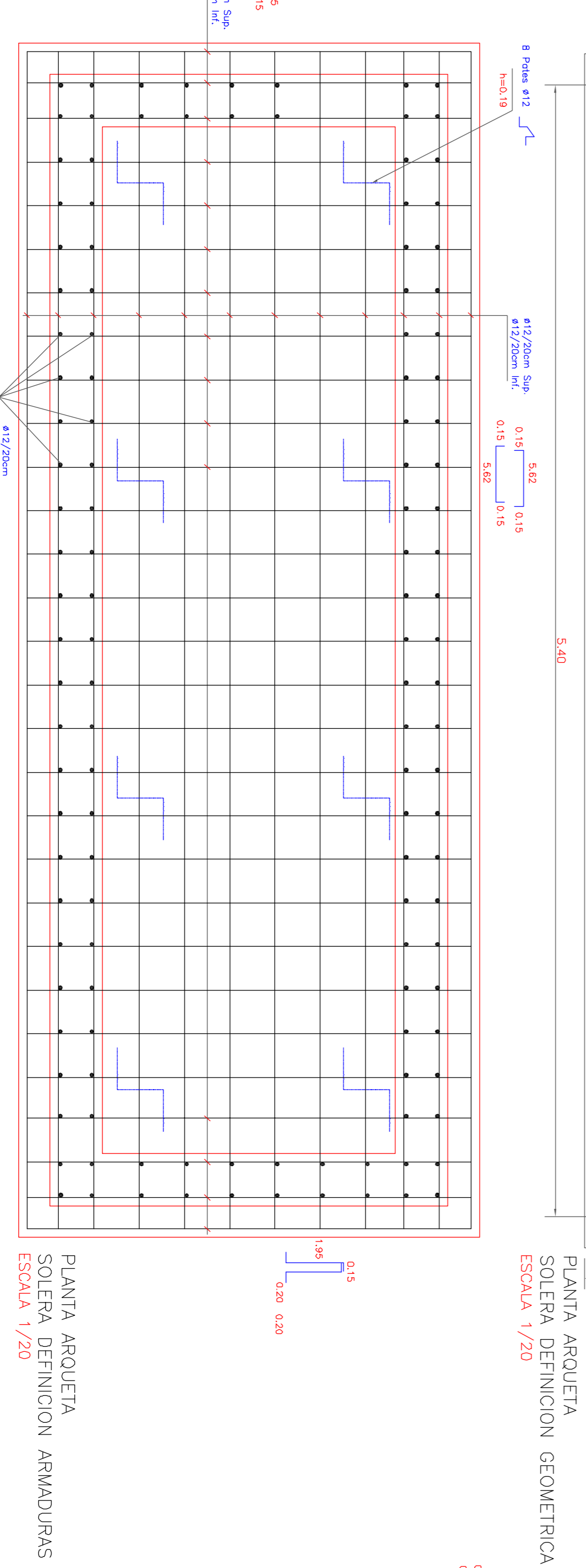
SECCION (A-A)
DEFINICION ARMADURAS
ESCALA 1/20



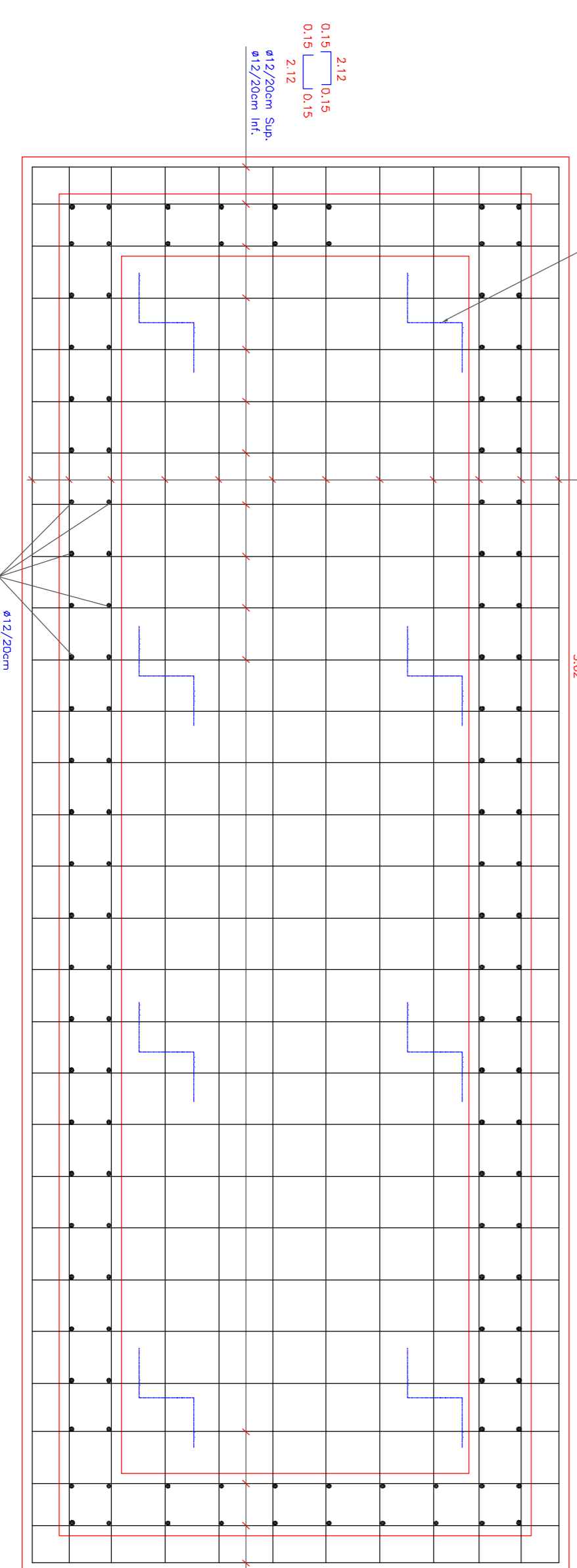
SECCION (B-B)
DEFINICION ARMADURAS
ESCALA 1/20




PLANTA LOSA DE CUBIERTA
DEFINICION ARMADURAS
ESCALA 1/20

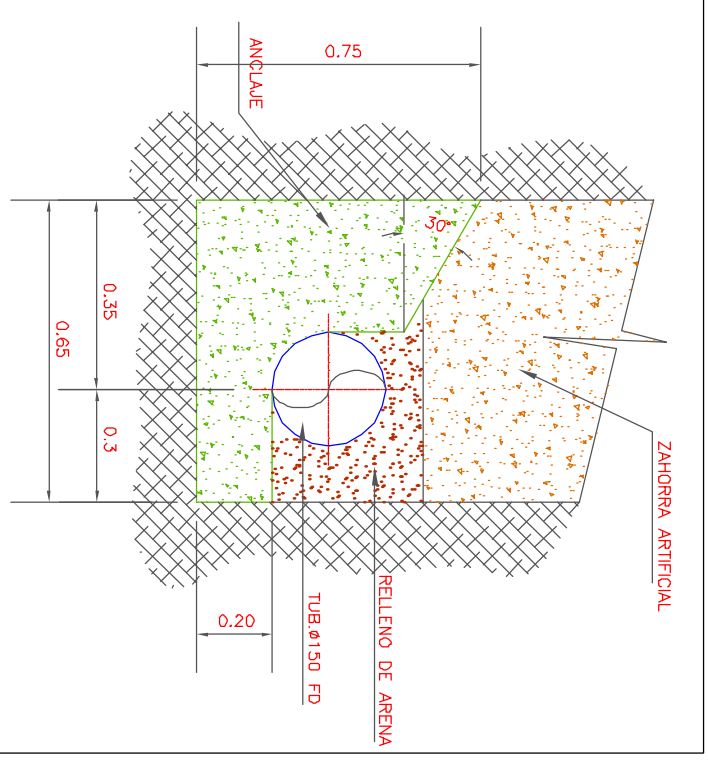
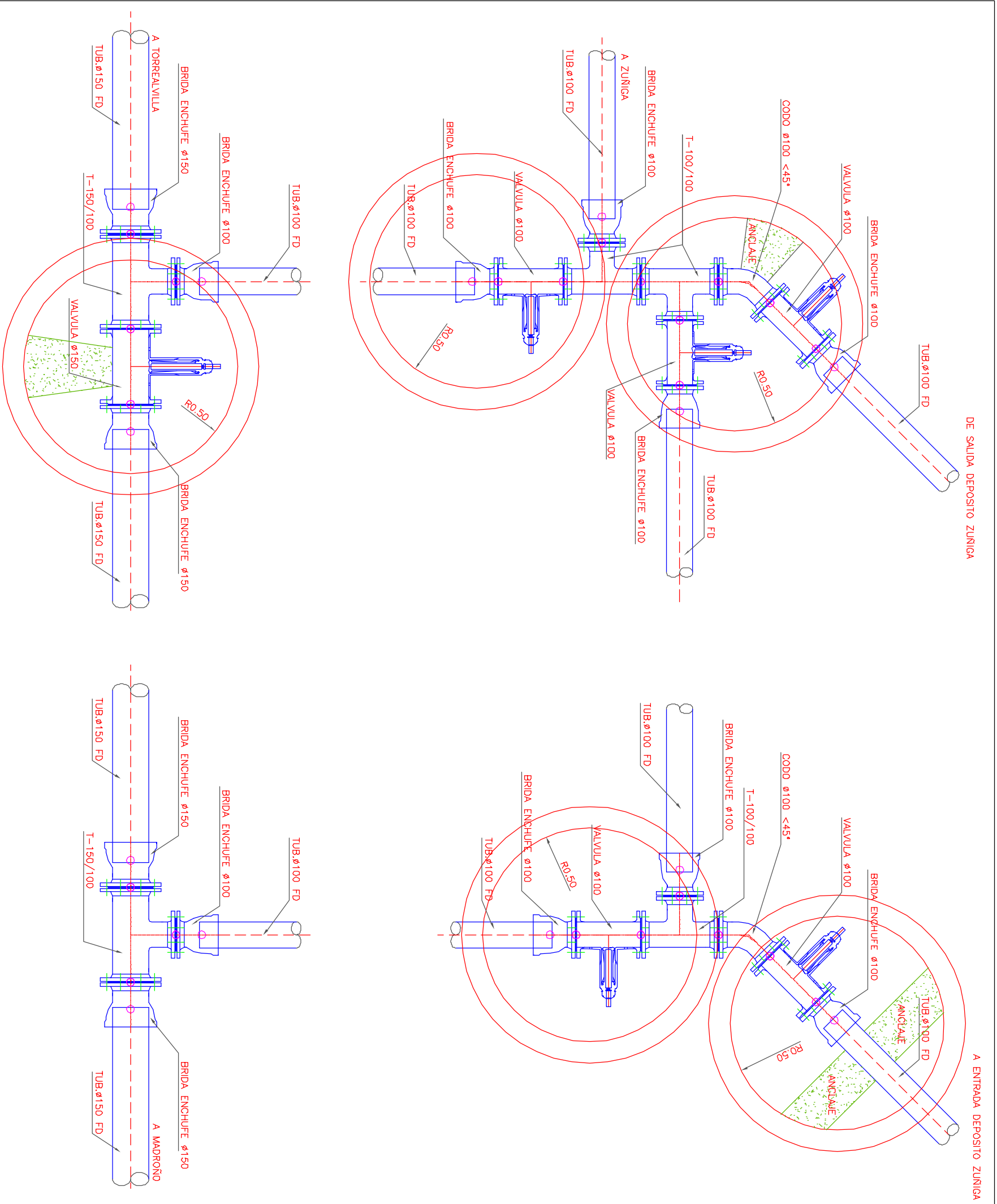


PLANTA ARQUETA
SOLETA DEFINICION GEOMETRICA
ESCALA 1/20

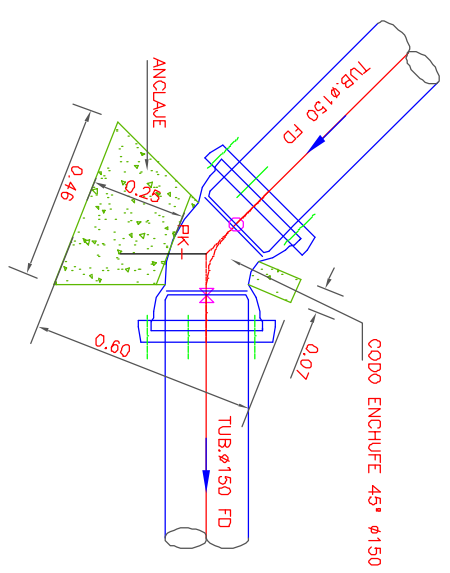


PLANTA ARQUETA
SOLETA DEFINICION ARMADURAS
ESCALA 1/20

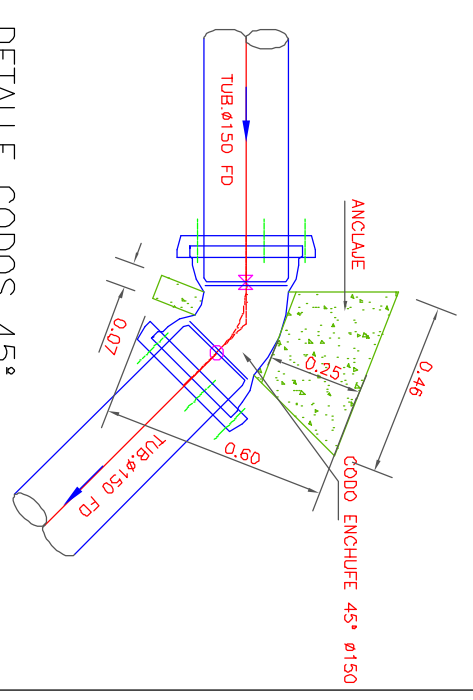
| | | | | | | | | |
|--|---------------------------|--------------------------------------|--------|----------------|--|----------|--|-------------|
|  Aguas de Lorca | AREA DE PROYECTOS Y OBRAS | LOS TECNICOS REDACTORES DEL PROYECTO | DIBUJO | SUSTITUIRE A | TITULO | N° PLANO | DESIGNACION DEL PLANO | FECHA |
| | | | COTEJO | SUSTITUIDO POR | PROYECTO DE RENOVACION RED DE ABASTECIMIENTO DE ZUÑIGA A TORREAVILLA TERMINO MUNICIPAL DE LORCA (MURCIA) | 5.1 | ARQUETA VALVULA REDUCTORA Y CAUDALIMETRO DEFINICION GEOMETRICA Y ARMADURAS | A00510-2016 |



SECCION ANCLAJE CODOS
DEFINICION GEOMETRICA
ESCALA 1/20



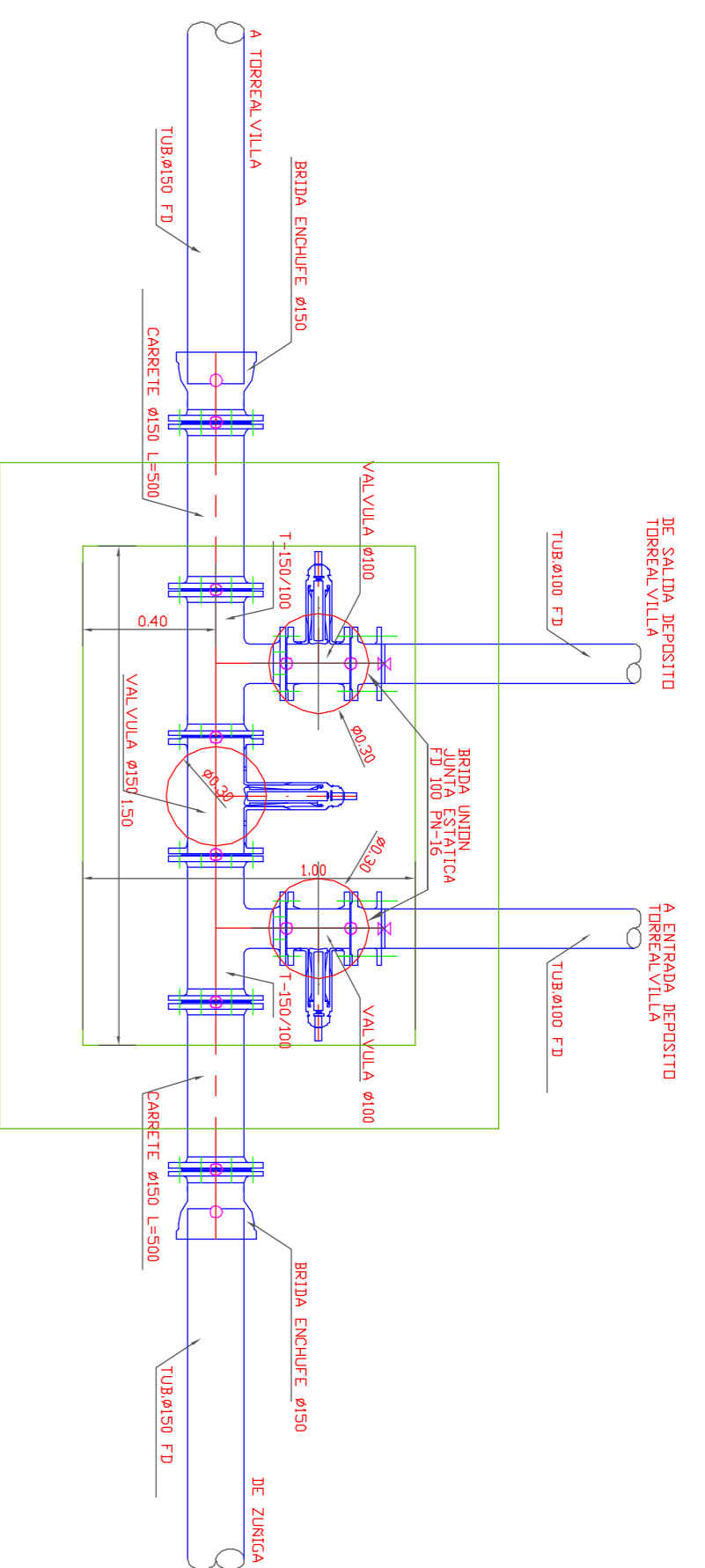
DETALLE CODOS 45°
DEFINICION GEOMETRICA
ESCALA 1/20



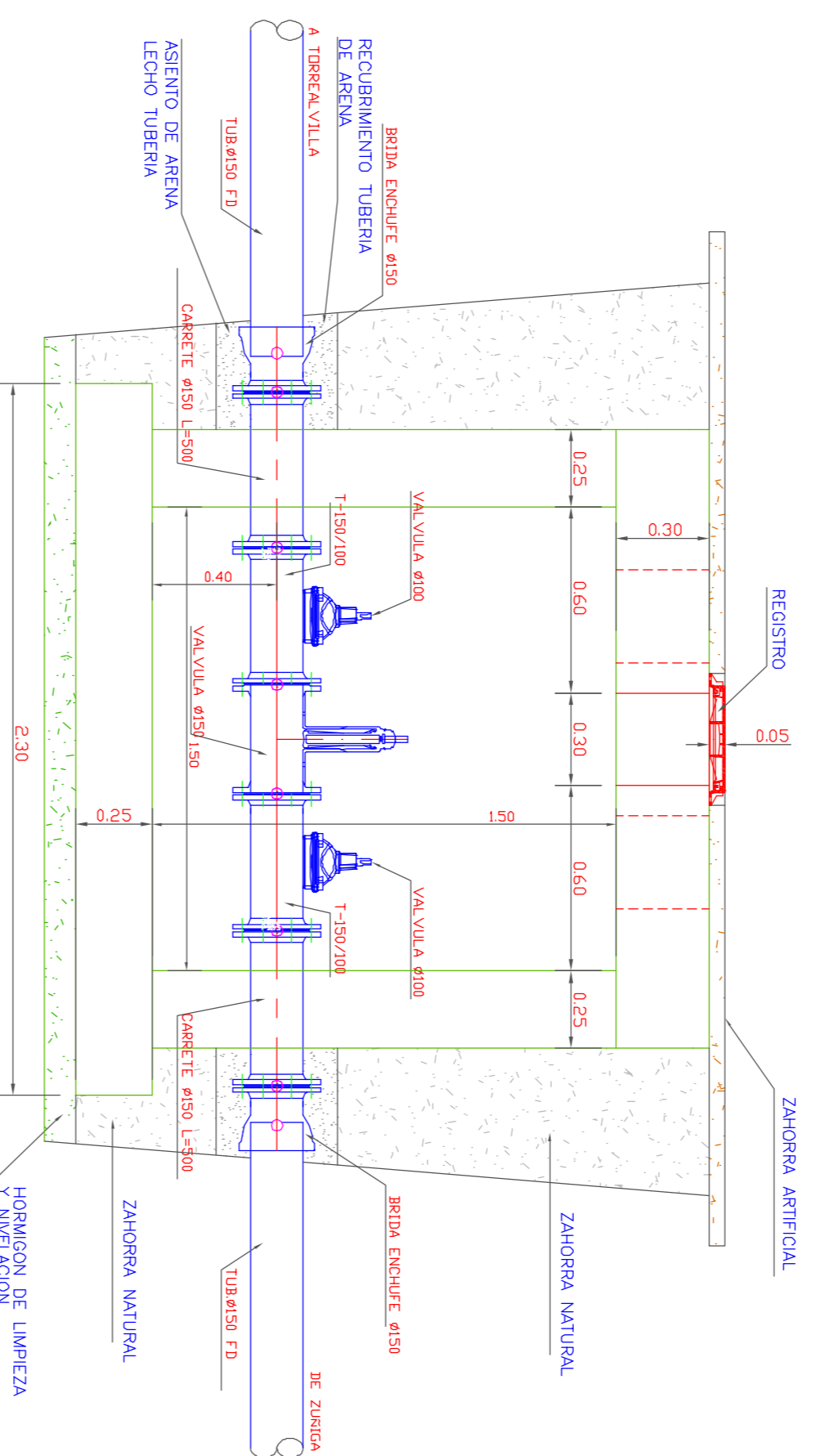
DETALLE CODOS 45°
DEFINICION GEOMETRICA
ESCALA 1/20

PLANTA DETALLES CONEXIONES INICIO FD 150 EN ZUÑIGA Y UNIONES A DEPÓSITO DE ZUÑIGA FD 100. DEFINICIÓN HIDRÁULICA Y GEOMÉTRICA
ESCALA 1/20

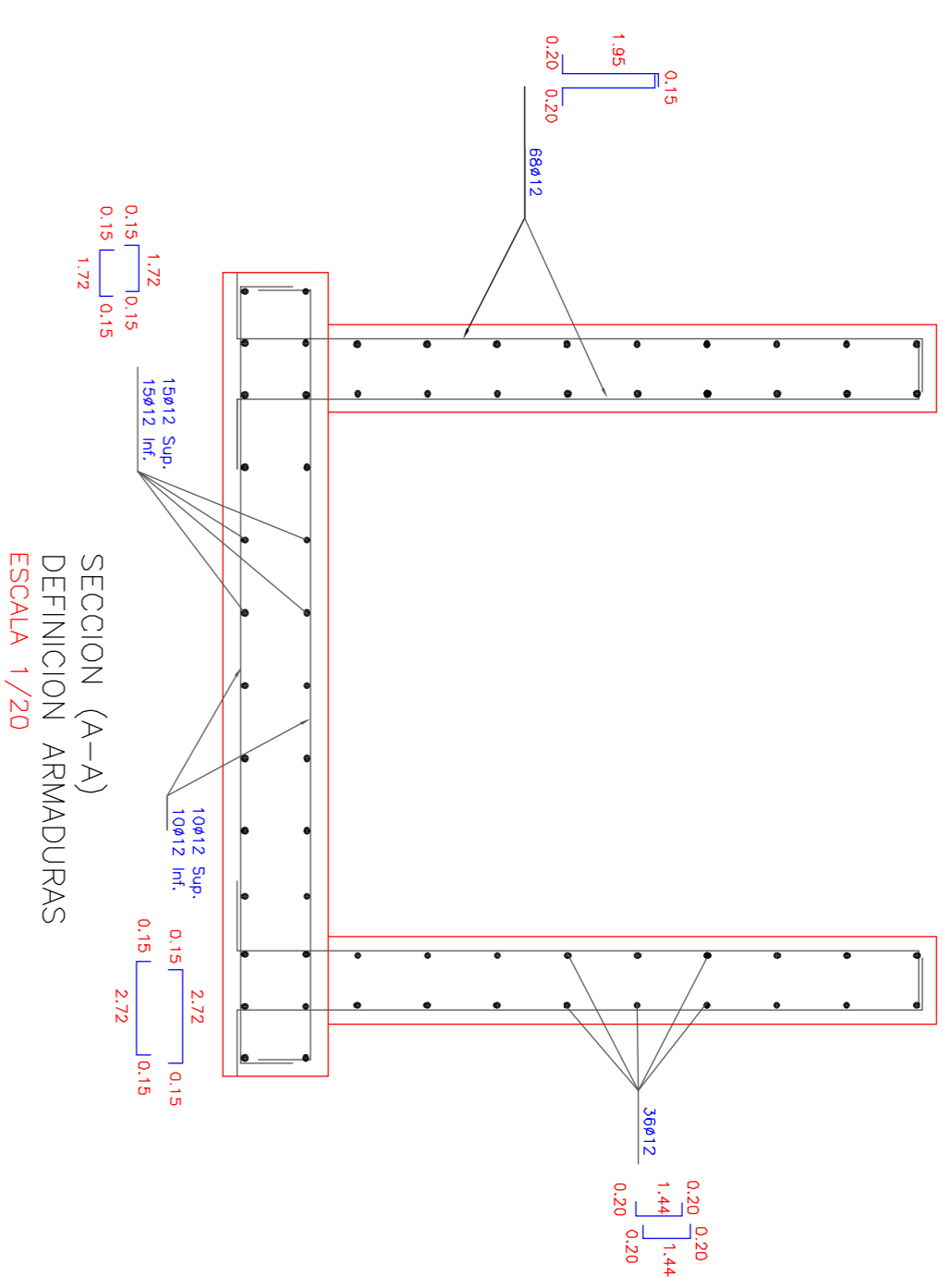
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|--|---------------------------|--------------------------------------|--------------------------------|---------------------------------|--|-----------------|---|--|
|  Aguas de Lorca | AREA DE PROYECTOS Y OBRAS | LOS TECNICOS REDACTORES DEL PROYECTO | | | TITULO PROYECTO DE RENOVACION RED DE ABASTECIMIENTO DE ZUÑIGA A TORREALVILLA TERMINO MUNICIPAL DE LORCA (MURCIA) | N° PLANO 5.2 | DESIGNACION DEL PLANO DETALLES CONEXIONES Y CODOS RED DE ABASTECIMIENTO | FECHA AGOSTO-2018 CODIGO PROYECTOS-2018 |
| | | DBRUBO COTEDO | SUSTITUIRE A SUSTITUIDO POR | ESCALAS Original A-3 1/20 | | | | |



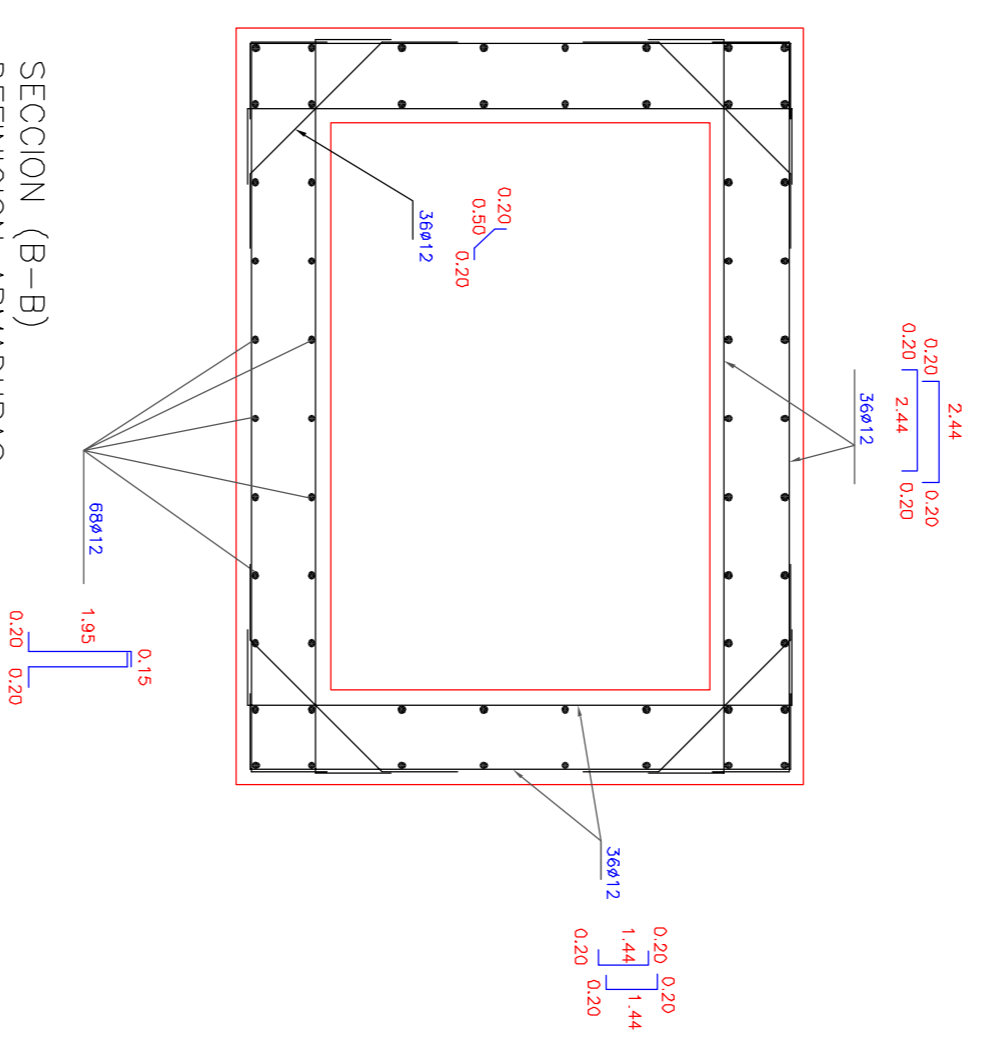
PLANTA ARQUETA CONEXIÓN DEPÓSITO DE TORREALVILLA
DEFINICIÓN HIDRÁULICA Y GEOMÉTRICA
ESCALA 1/20



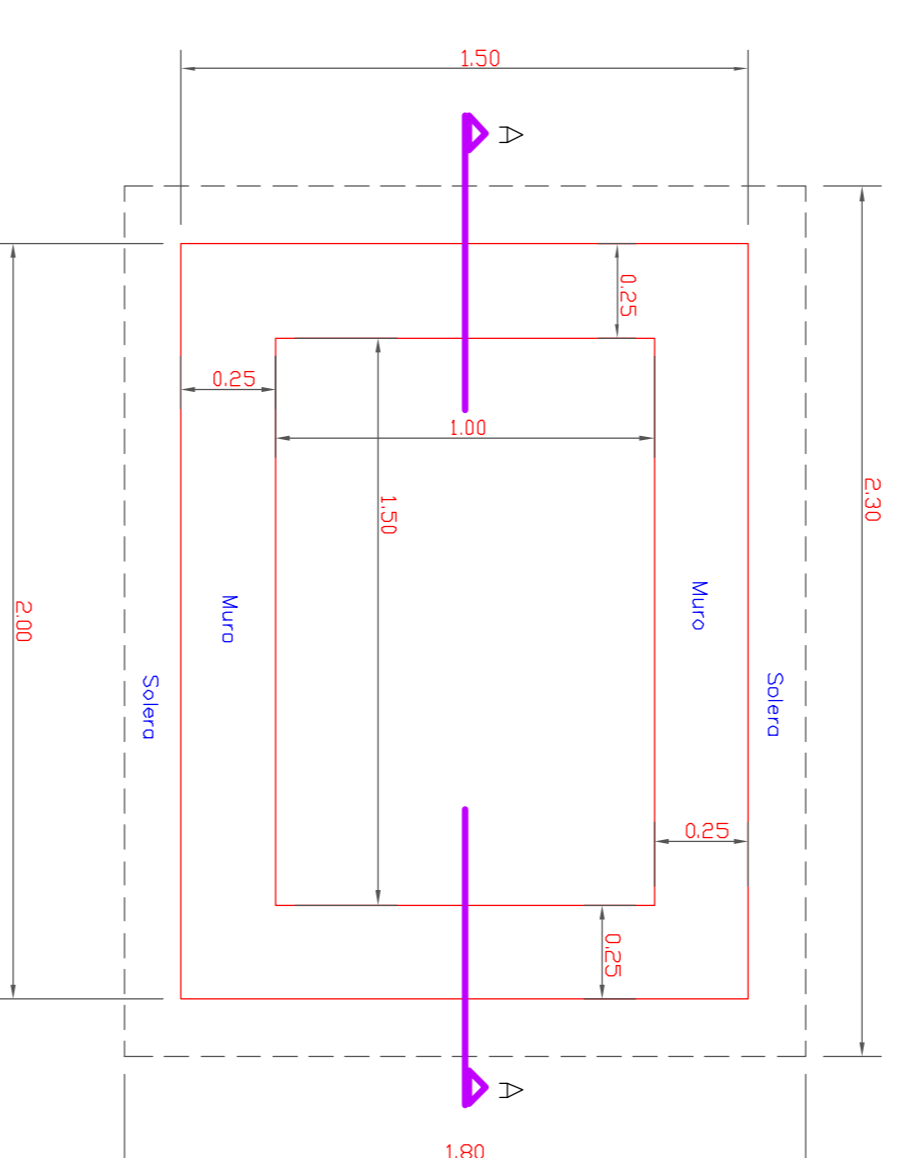
SECCION (A-A) ARQUETA CONEXIÓN DEPÓSITO DE TORREALVILLA
DEFINICIÓN HIDRÁULICA Y GEOMÉTRICA
ESCALA 1/20



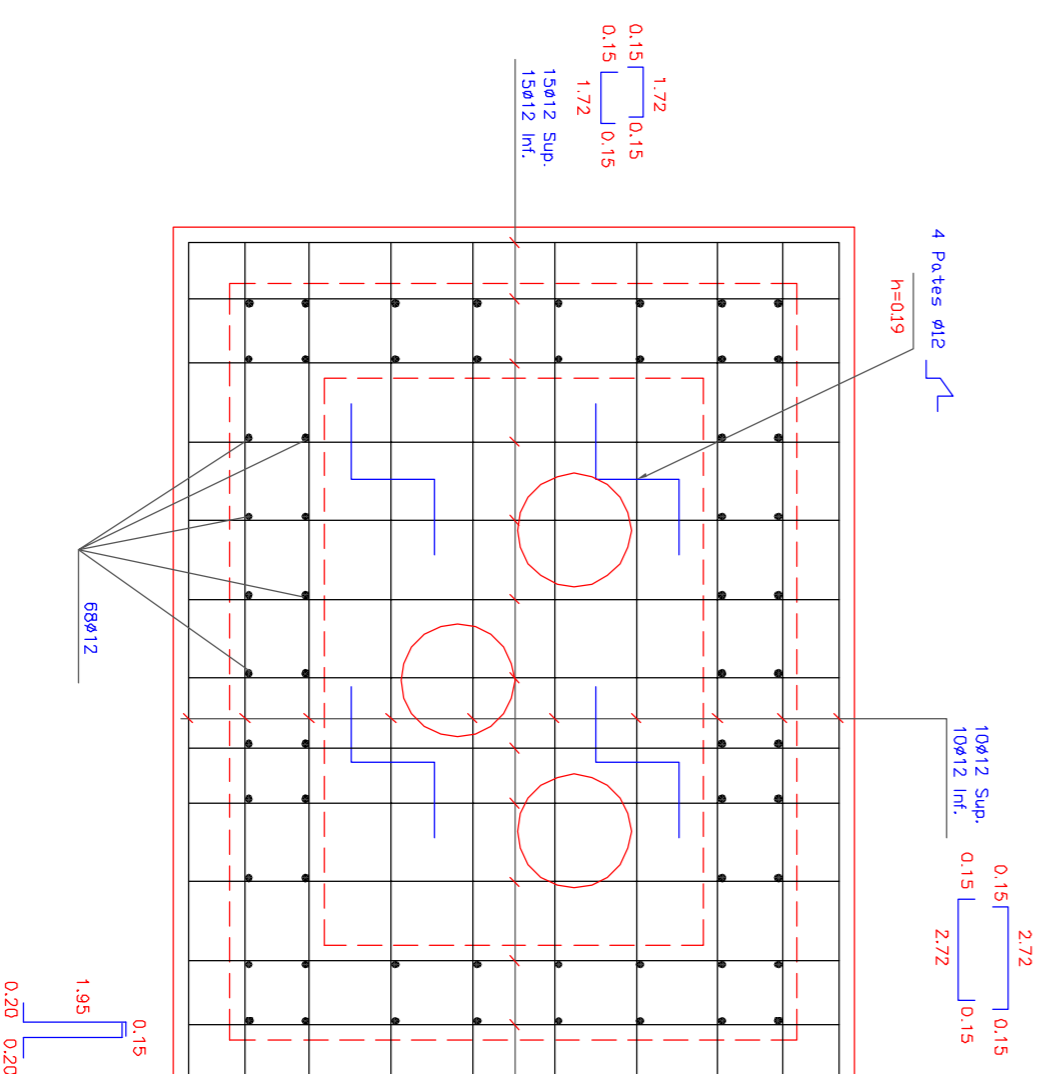
SECCION (A-A)
DEFINICIÓN ARMADURAS
ESCALA 1/20



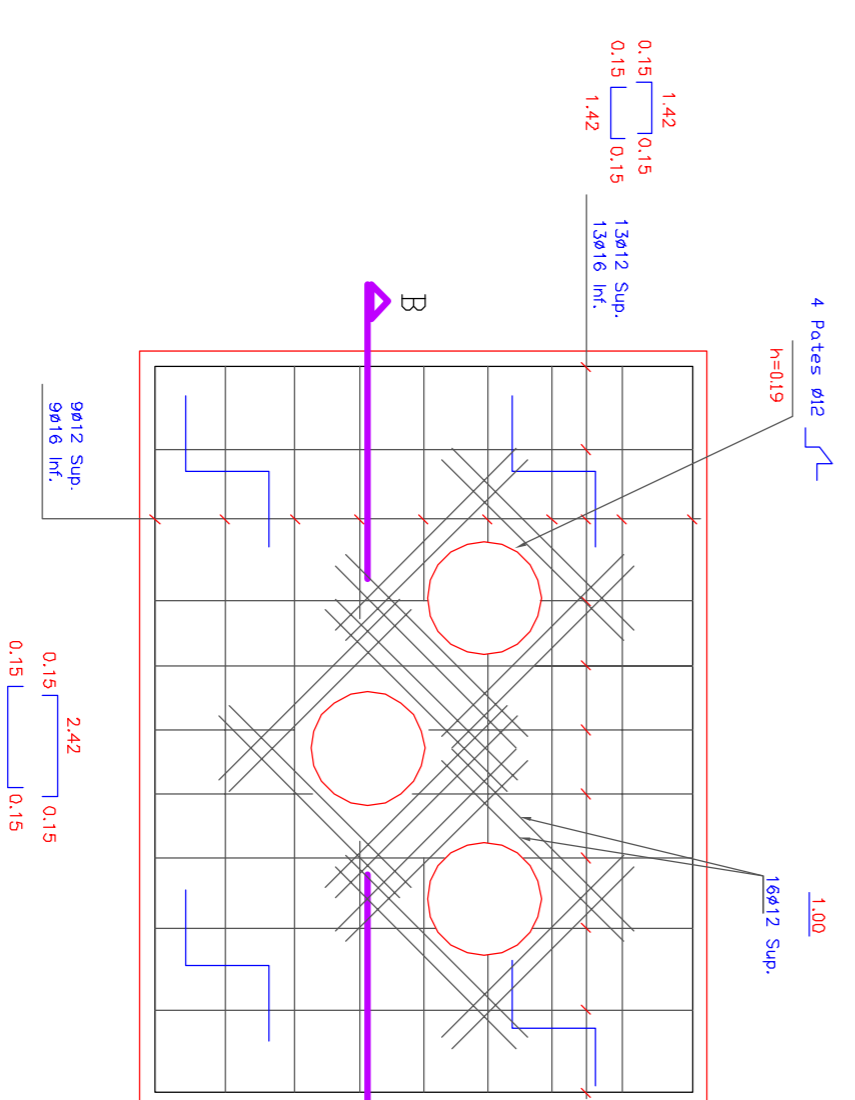
SECCION (B-B)
DEFINICIÓN ARMADURAS
ESCALA 1/20



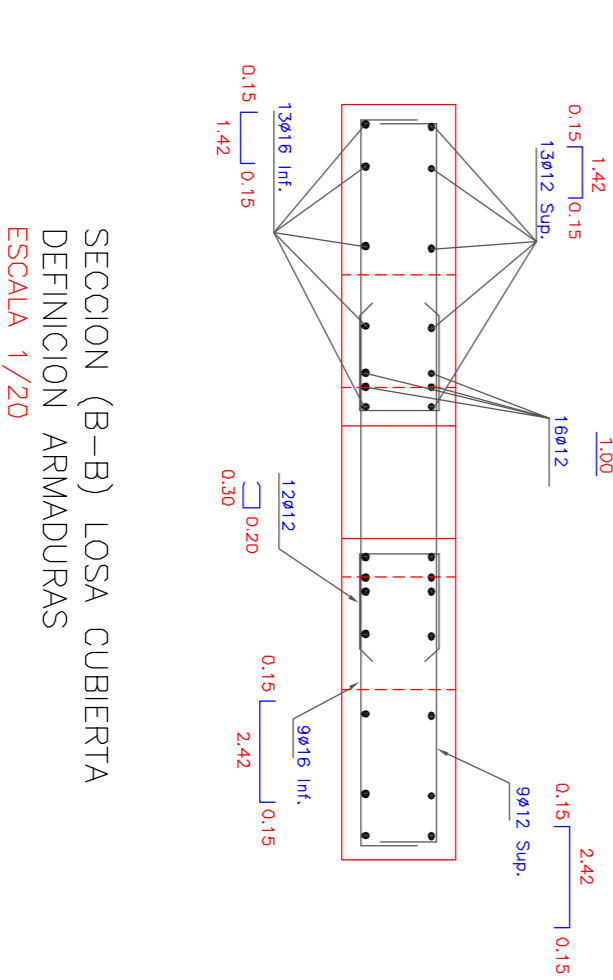
PLANTA ARQUETA CONEXIÓN DEPÓSITO DE TORREALVILLA
SOLEIRA DEFINICIÓN GEOMÉTRICA
ESCALA 1/20



PLANTA ARQUETA CONEXIÓN DEPÓSITO DE TORREALVILLA
SOLEIRA DEFINICIÓN ARMADURAS
ESCALA 1/20



LOSA DE CUBIERTA
DEFINICIÓN ARMADURAS
ESCALA 1/20



SECCION (B-B) LOSA CUBIERTA
DEFINICIÓN ARMADURAS
ESCALA 1/20



Aguas de Lorca

AREA DE PROYECTOS Y OBRAS

LOS TÉCNICOS REDACTORES DEL PROYECTO

PROYECTO

SUSTITUIRE A

ESCALAS

TÍTULO

PROYECTO DE RENOVACION RED DE ABASTECIMIENTO DE ZUNIGA A TORREALVILLA TERMINO MUNICIPAL DE LORCA (MURCIA)

Nº PLANO

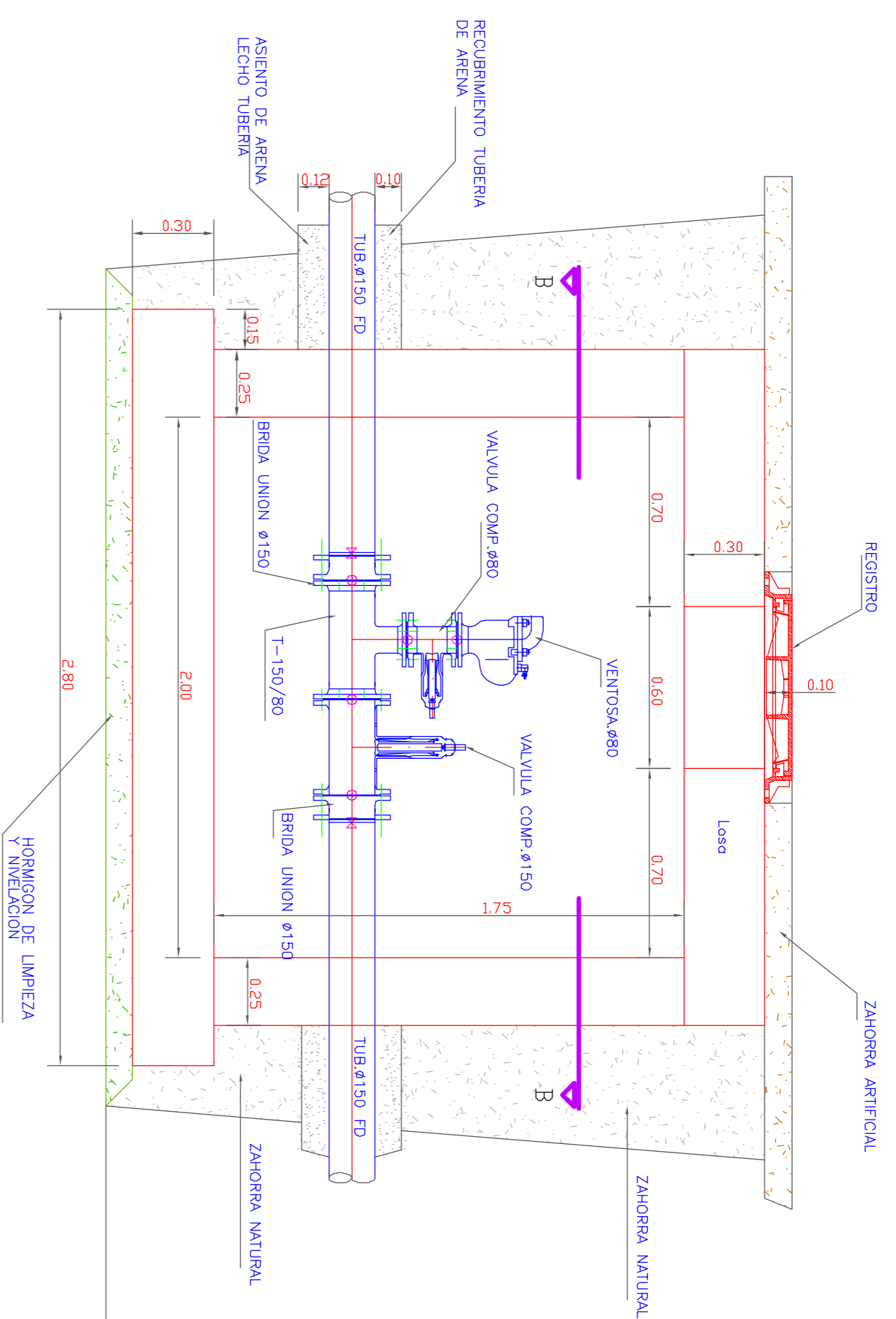
DESIGNACION DEL PLANO

FECHA

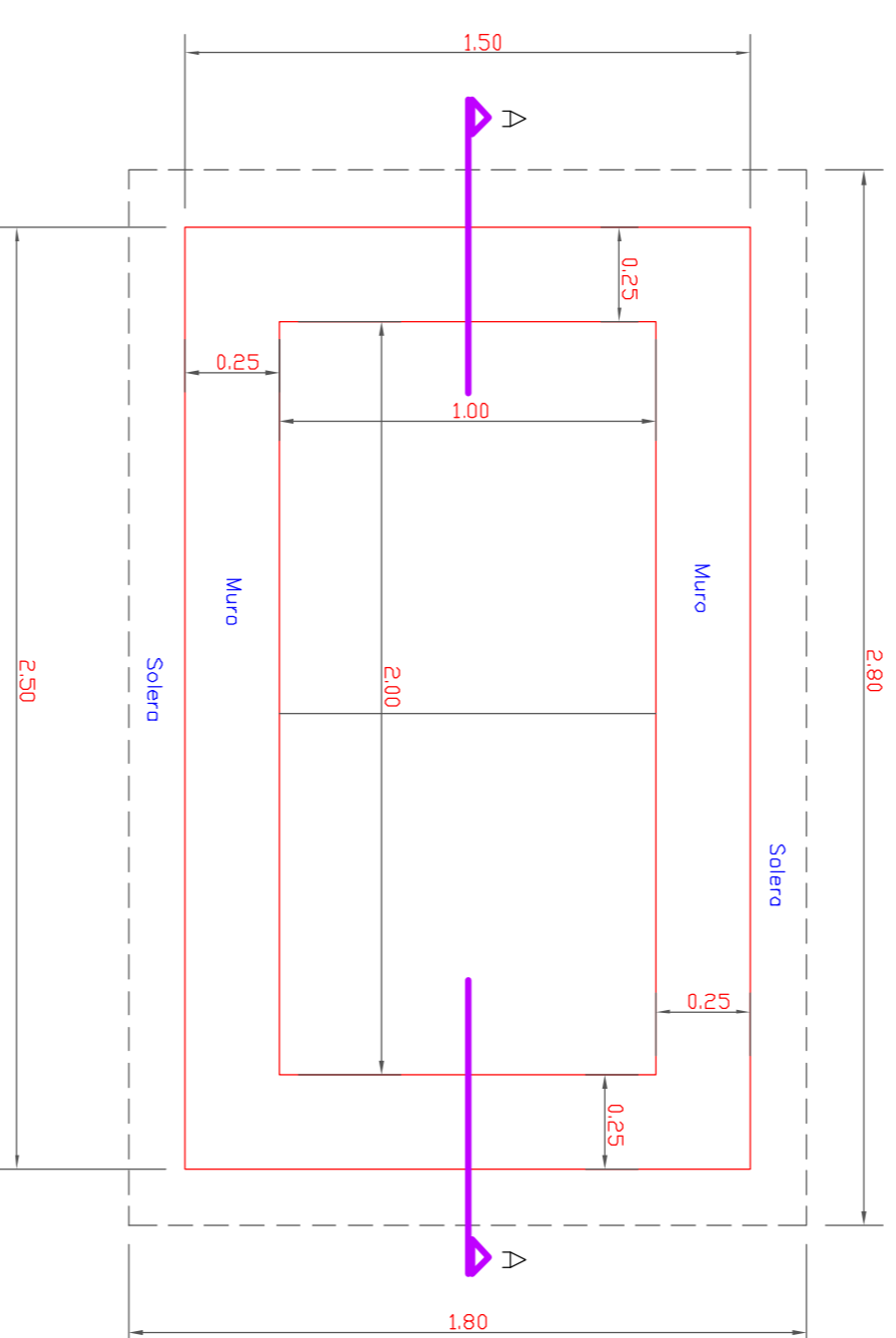
ACOSTO-2018

COODIC

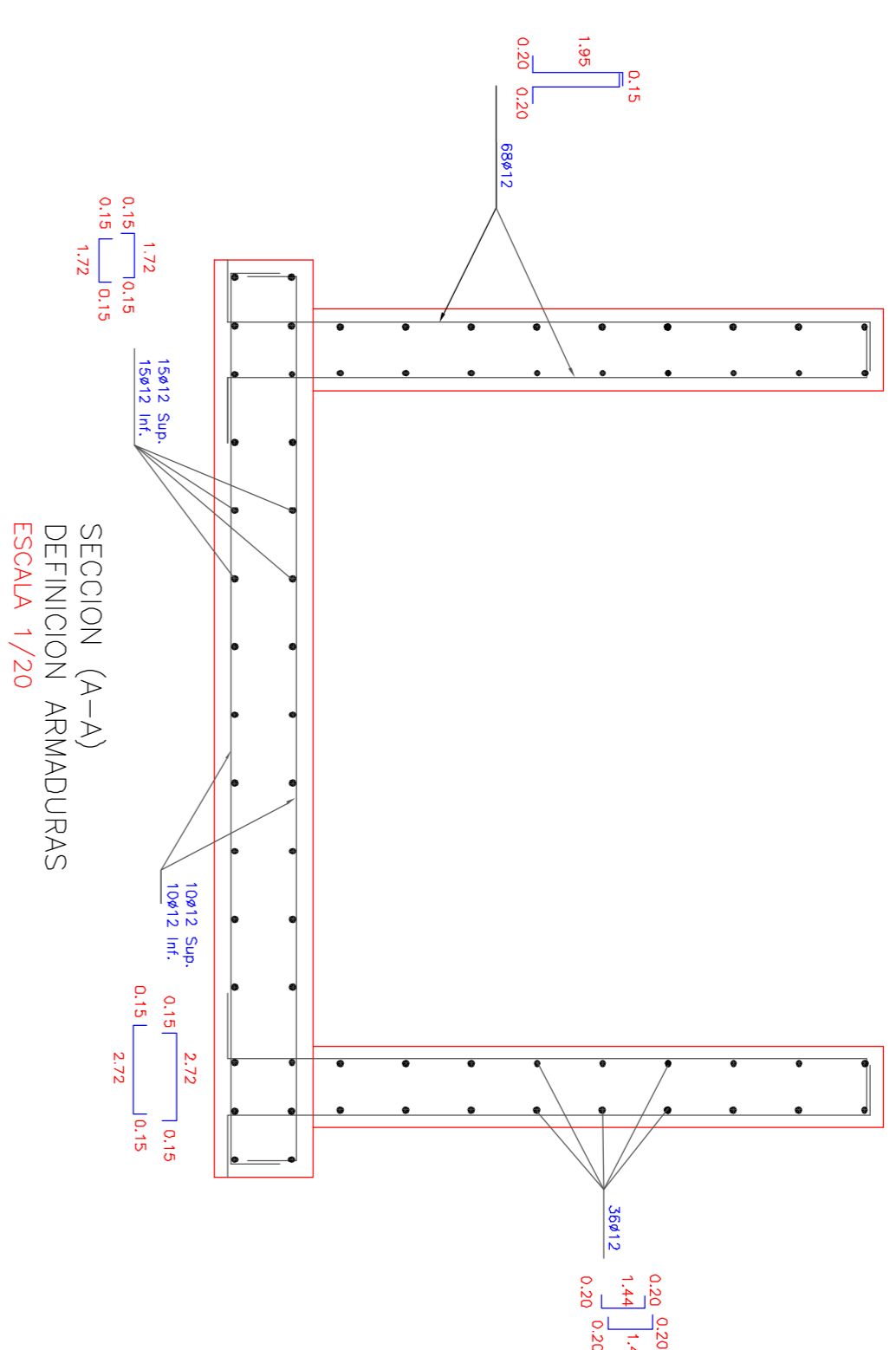
D:\PROYECTOS_2018



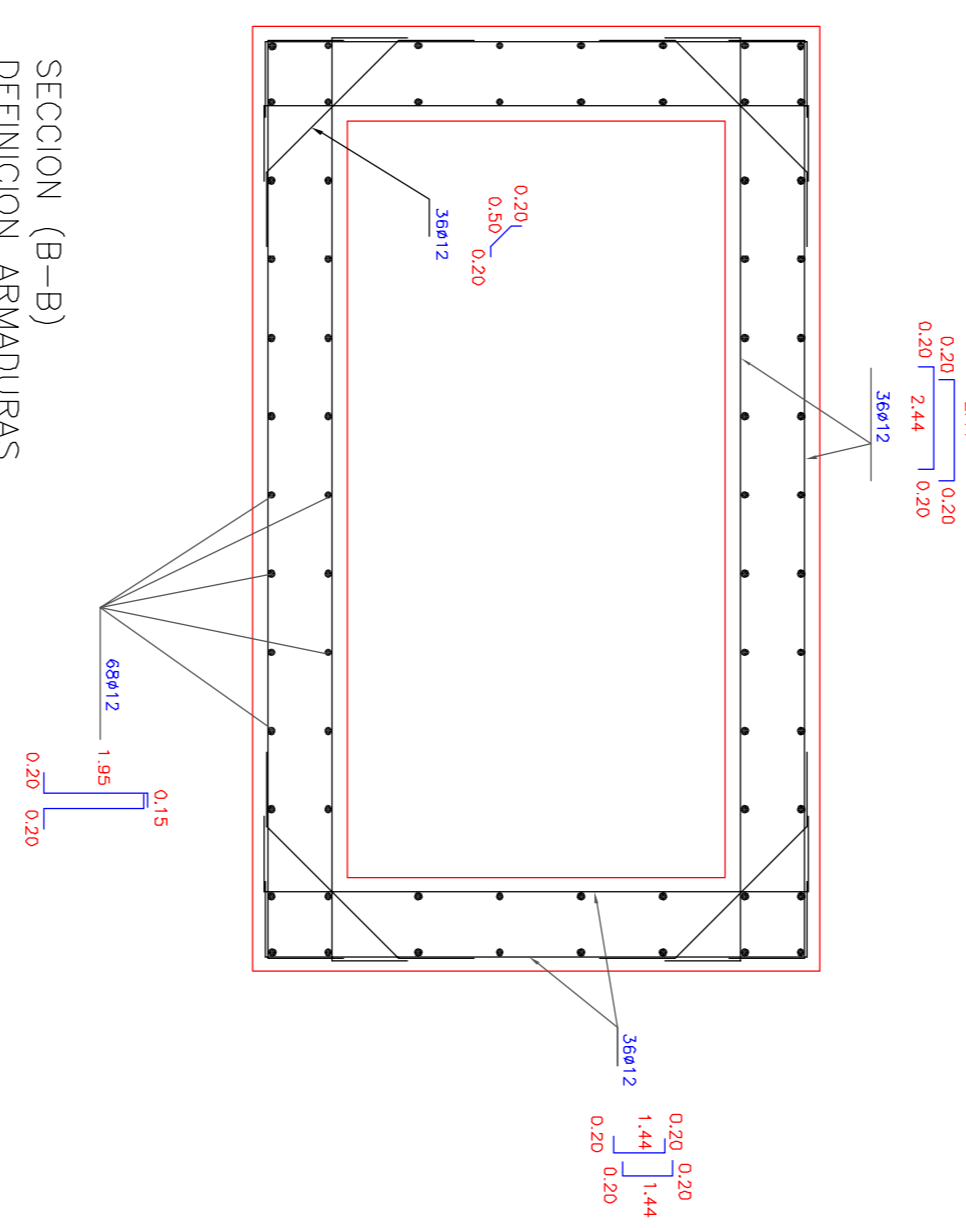
SECCION (A-A)
DEFINICION HIDRAULICA Y GEOMETRICA
ESCALA 1/20



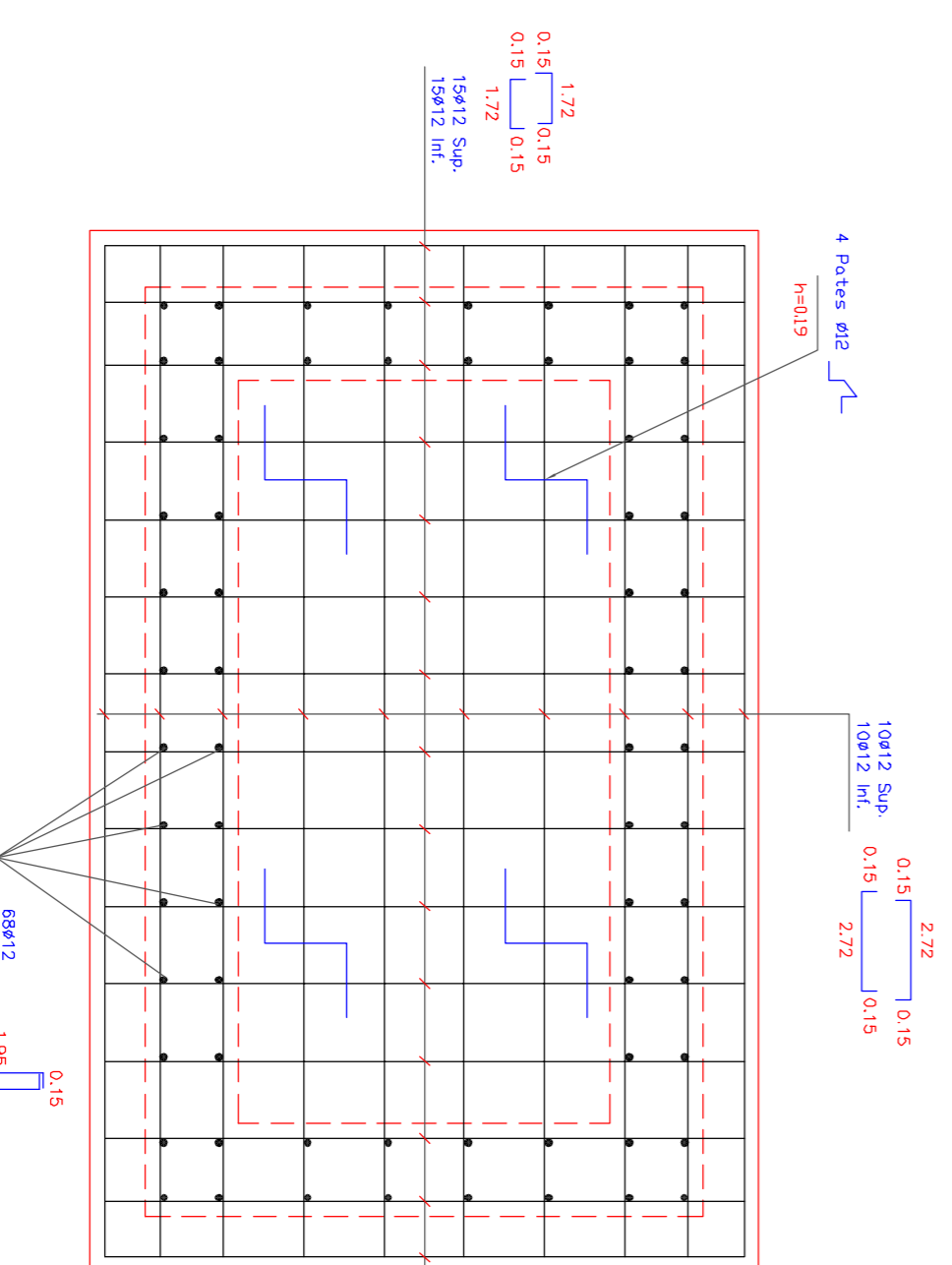
PLANTA ARQUETA VENTOSA
SOLERA DEFINICION GEOMETRICA
ESCALA 1/20



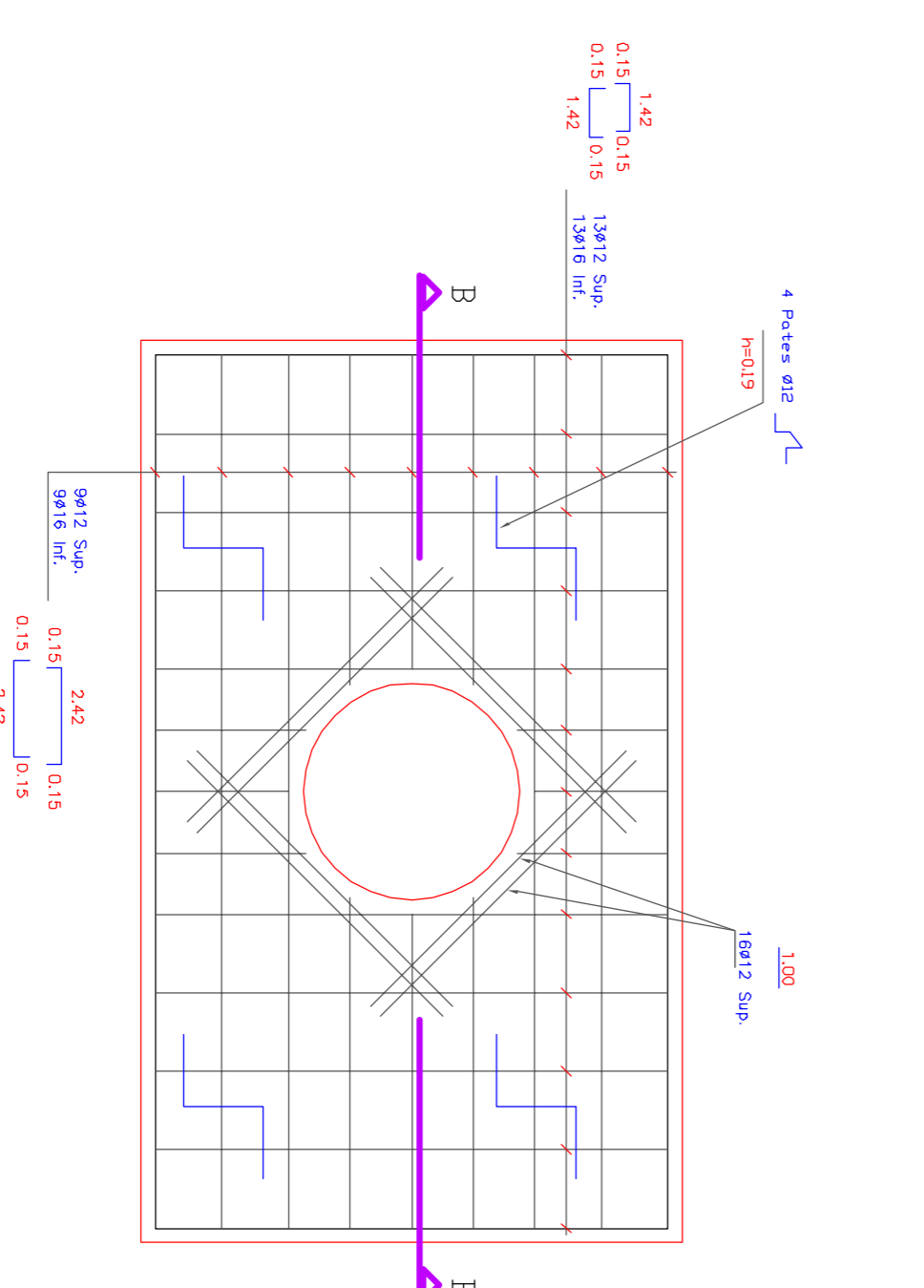
SECCION (A-A)
DEFINICION ARMADURAS
ESCALA 1/20



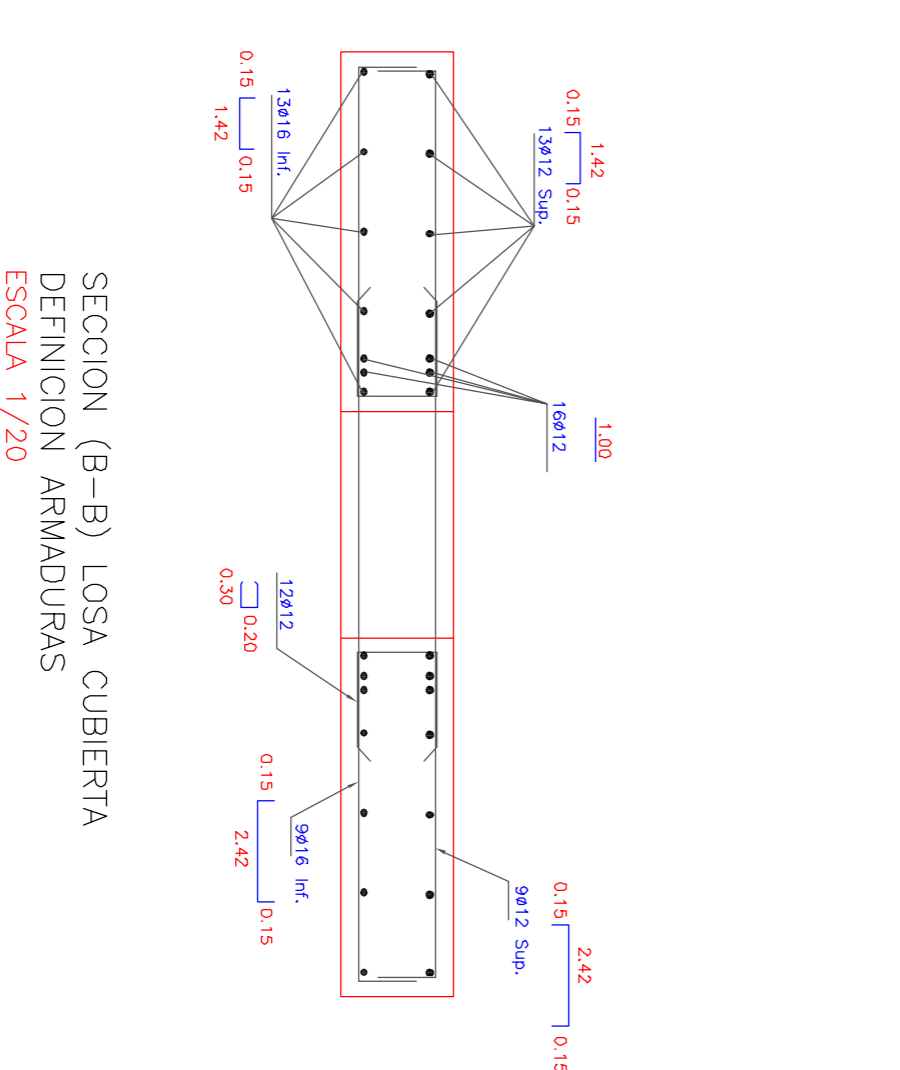
SECCION (B-B)
DEFINICION ARMADURAS
ESCALA 1/20



PLANTA ARQUETA VENTOSA
SOLERA DEFINICION ARMADURAS
ESCALA 1/20

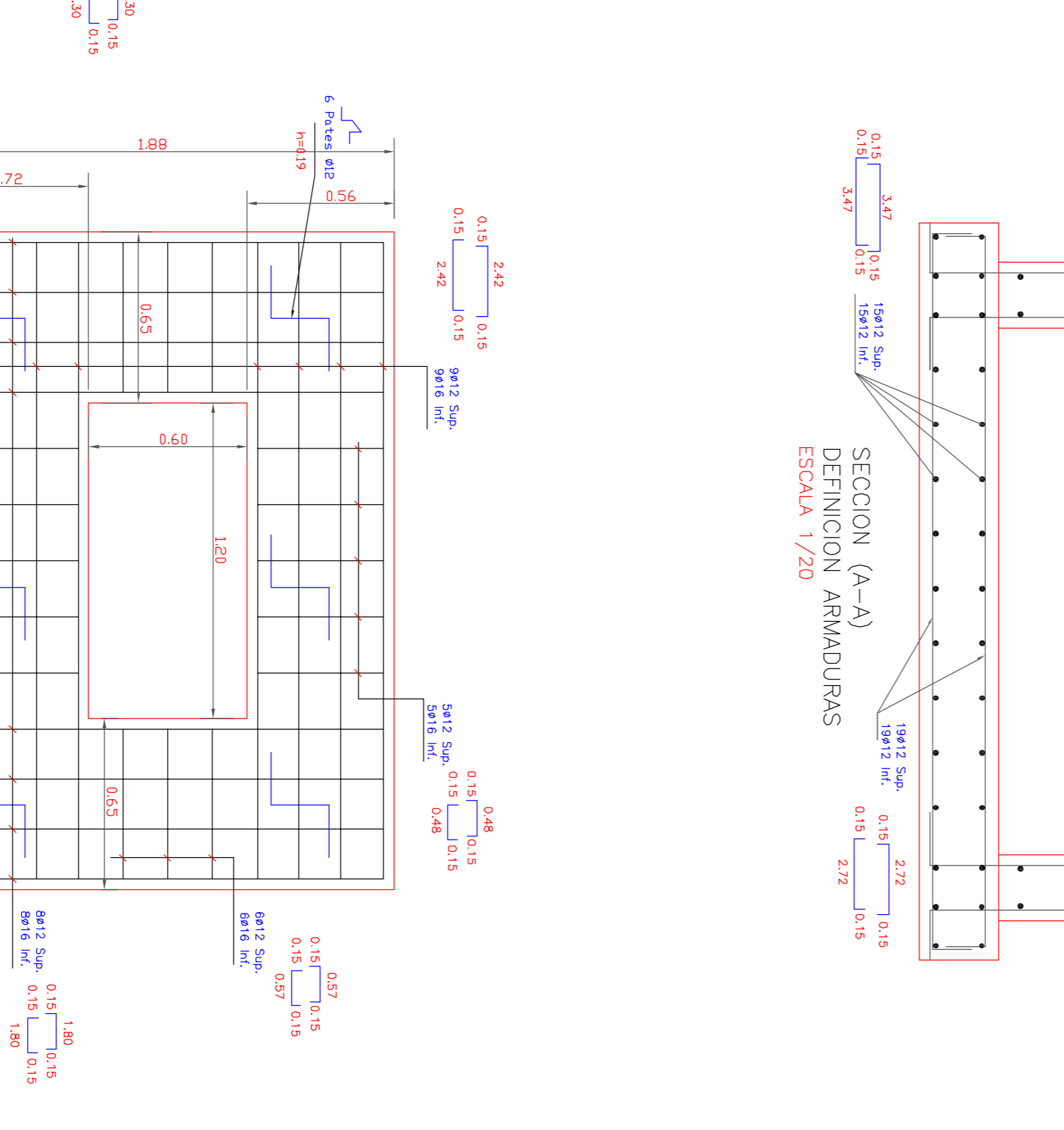
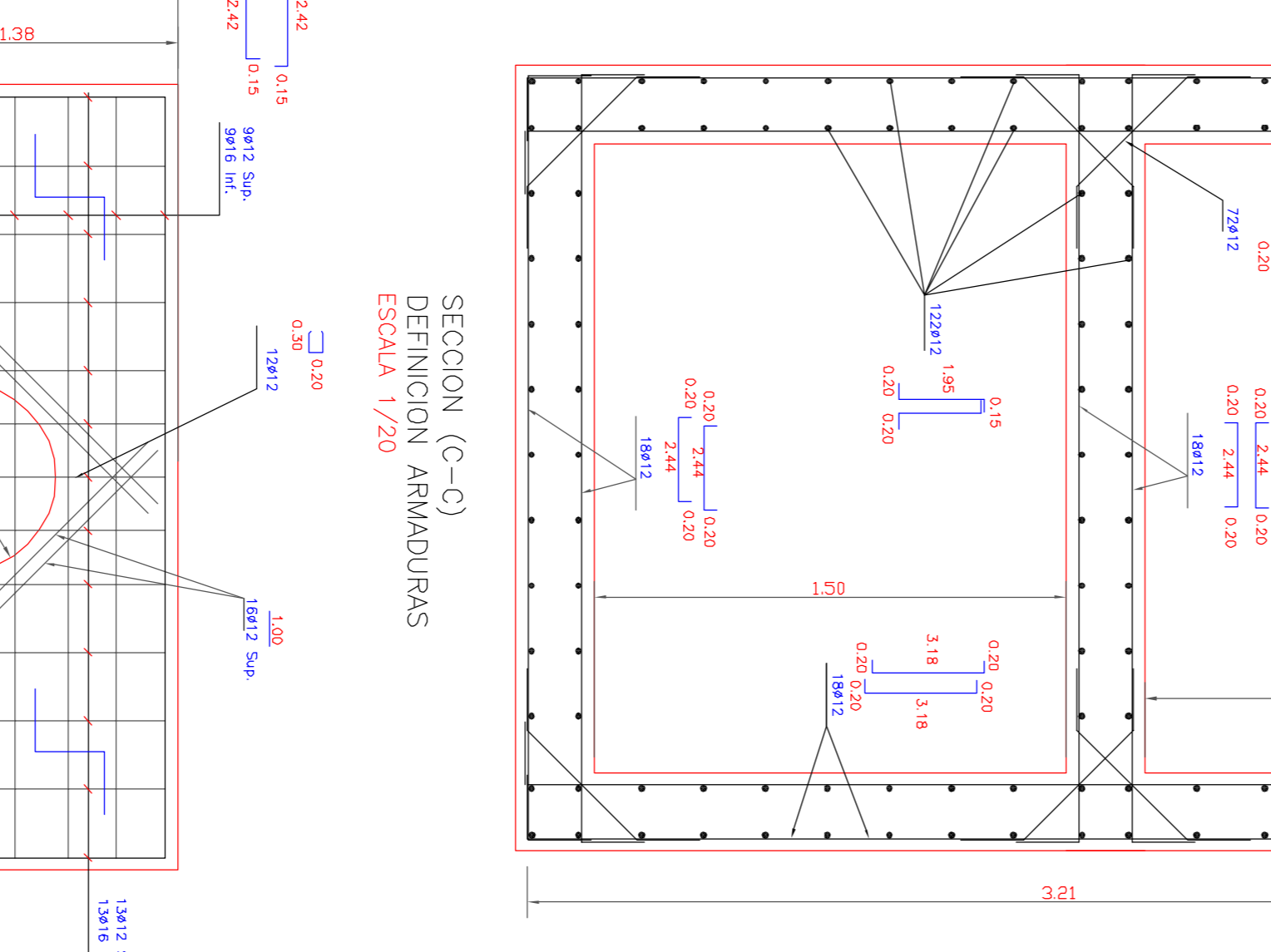
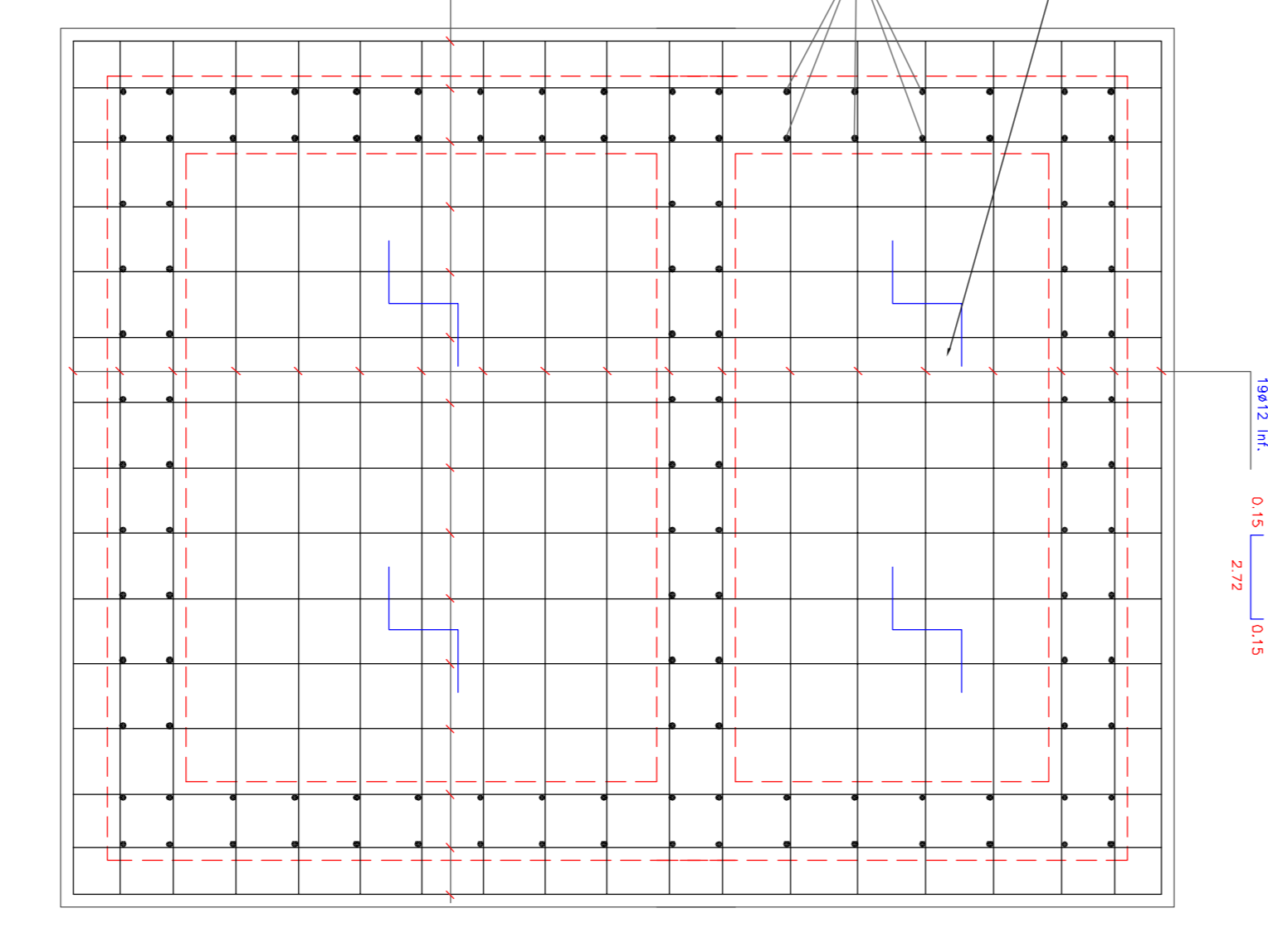
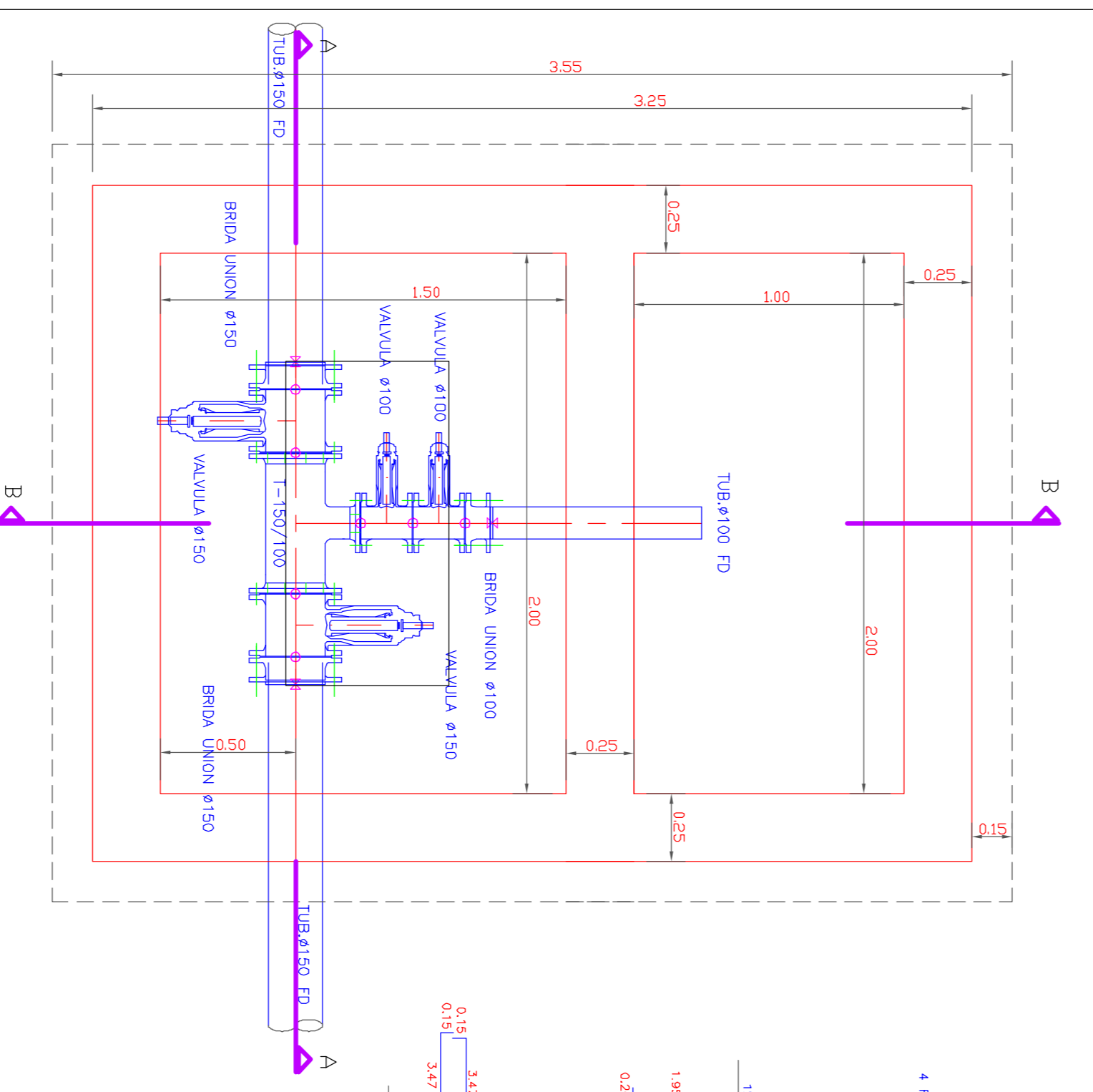
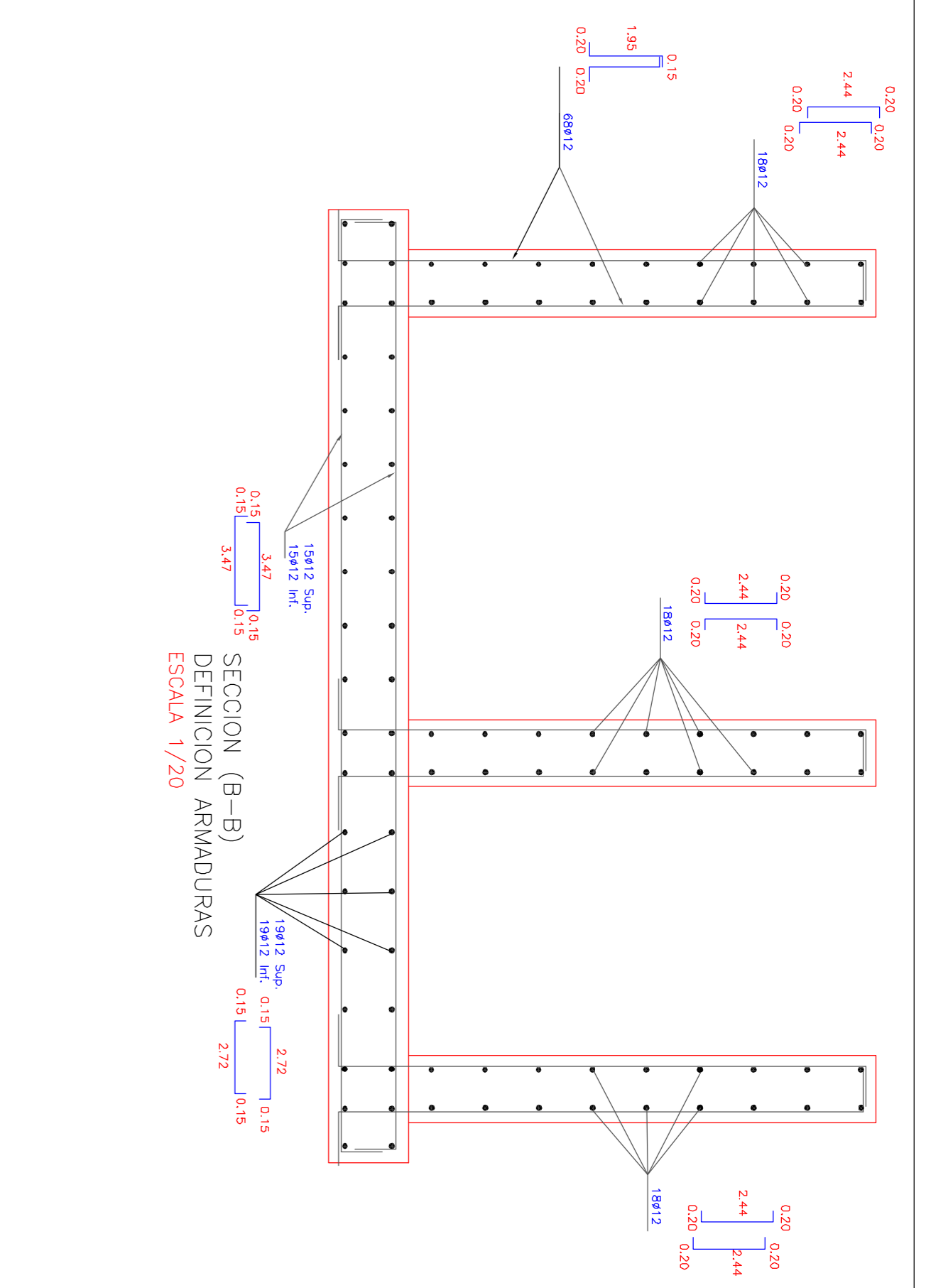
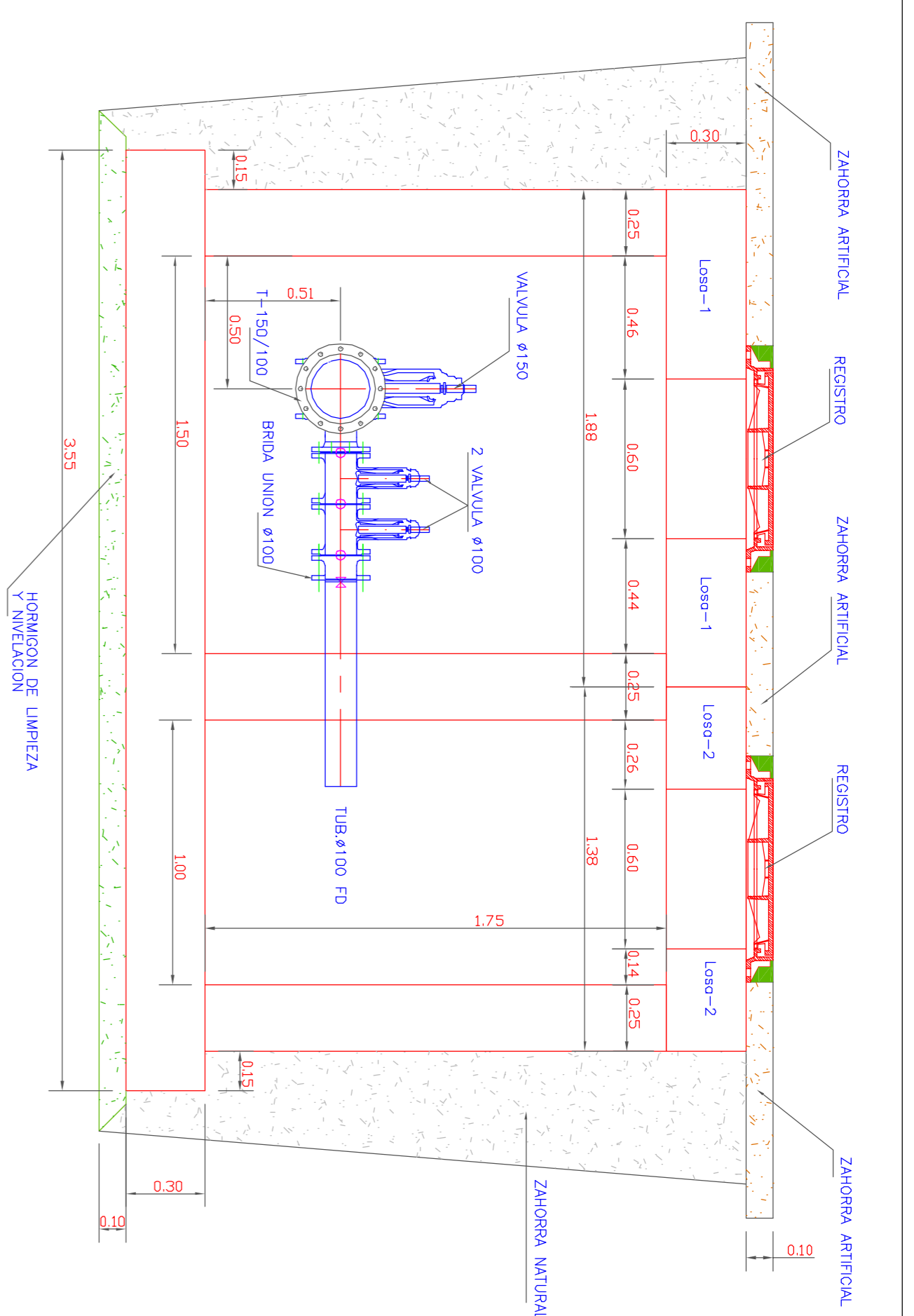
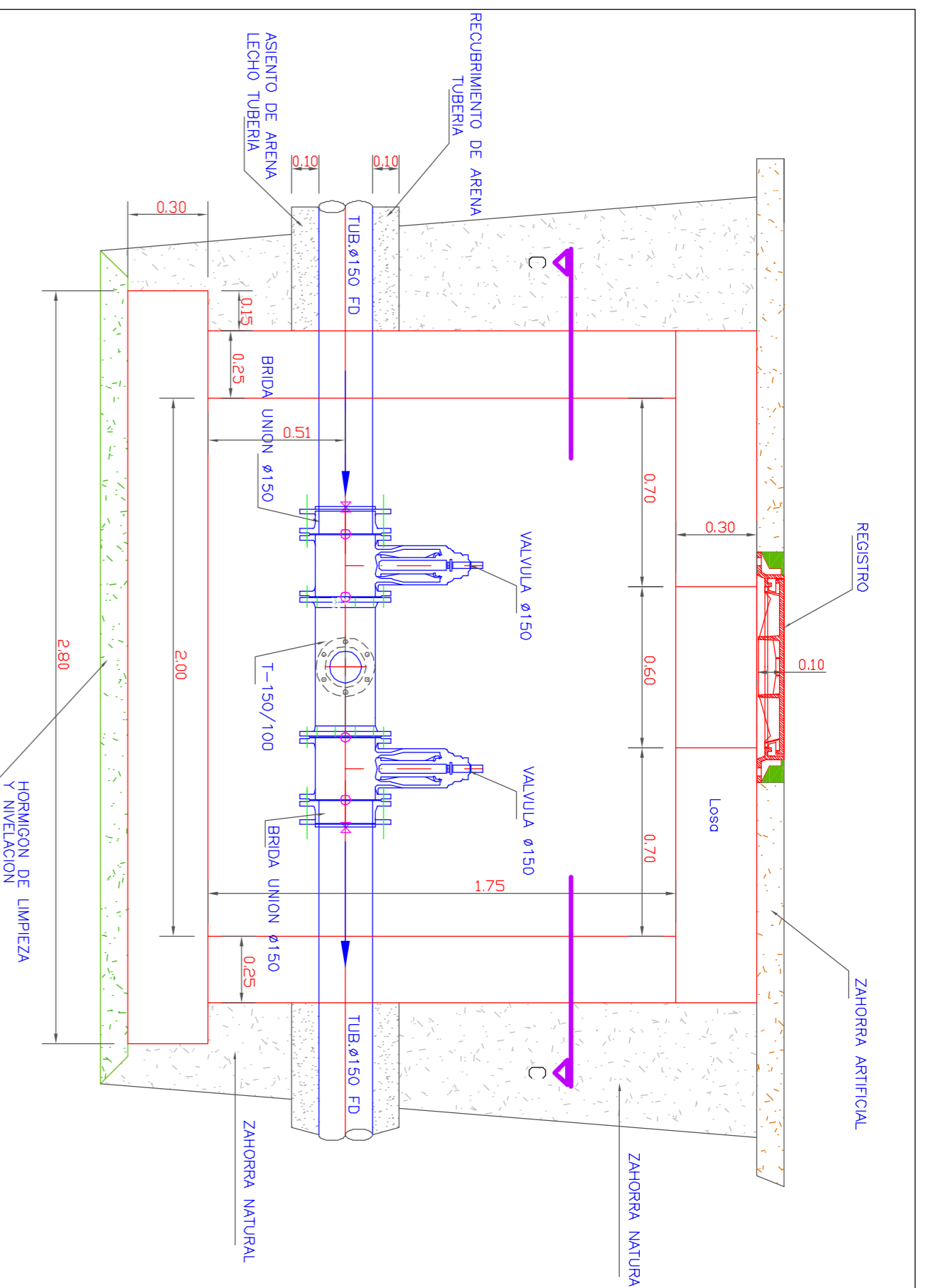


LOSA DE CUBIERTA
DEFINICION ARMADURAS
ESCALA 1/20



SECCION (B-B) LOSA CUBIERTA
DEFINICION ARMADURAS
ESCALA 1/20






PLANTA ARQUETA DESAGÜE DE FONDO
PLANTA DEFINICION HIDRAULICA Y GEOMETRICA
ESCALA 1/20

PLANTA ARQUETA DESAGÜE DE FONDO
SOLERA DEFINICION ARMADURAS
ESCALA 1/20

LOSA-2 DE CUBIERTA
DEFINICION GEOMETRICA Y ARMADURAS
ESCALA 1/20

LOSA-1 DE CUBIERTA
DEFINICION GEOMETRICA Y ARMADURAS
ESCALA 1/20

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|  <p>Aguas de Lorca</p> | <p>AREA DE PROYECTOS Y OBRAS</p> | <p>LOS TECNICOS REDACTORES DEL PROYECTO</p> | <p>DBDUBO COTEJO</p> | <p>SUSTITUIR A SUSTITUIR POR</p> | <p>ESCALAS Original A-1 1/20 GEOMETRICAS</p> | <p>TITULO PROYECTO DE RENOVACION RED DE ABASTECIMIENTO DE ZURIGA A TORREAVALLA TERMINO MUNICIPAL DE LORCA (MURCIA)</p> | <p>Nº PLANO 5.5</p> | <p>DESIGNACION DEL PLANO ARQUETA DESAGÜE DE FONDO DEFINICION GEOMETRICA Y ARMADURAS</p> | <p>FECHA AÑO 2018 00000 D:\PROYECTOS\2018</p> |
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