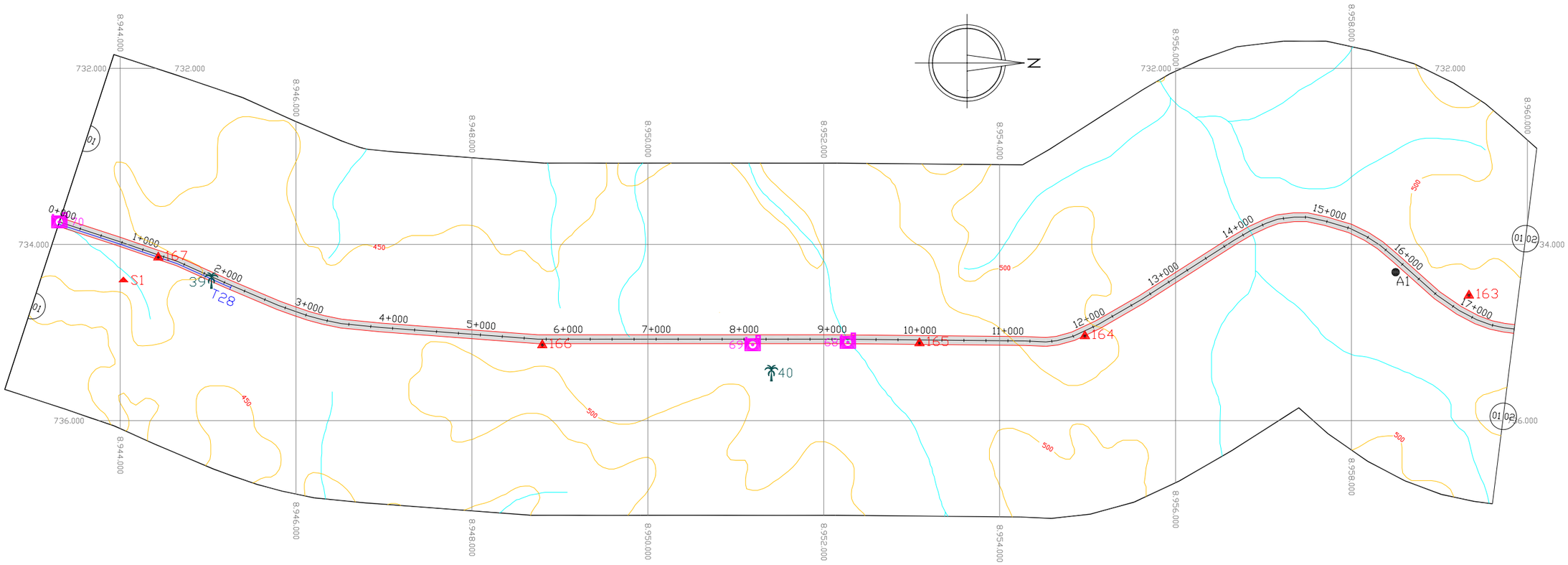
TOPOGRAFIA

ANTEPROJETO GEOMÉTRICO

Trecho: Divisa MT/PA

Entroncamento BR 163/BR 230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S1
T28
A1
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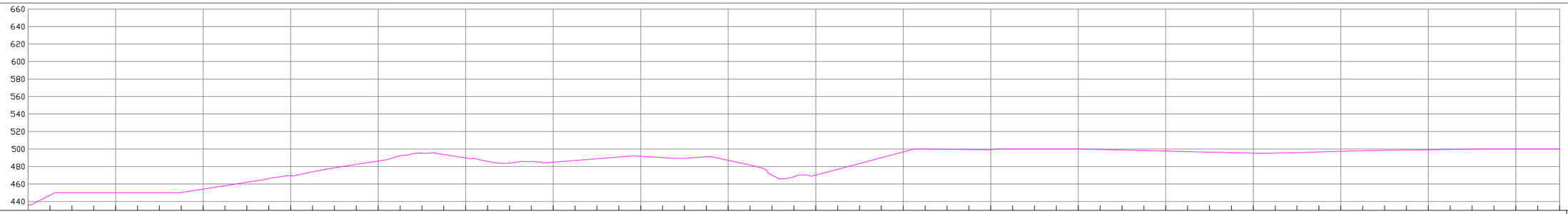
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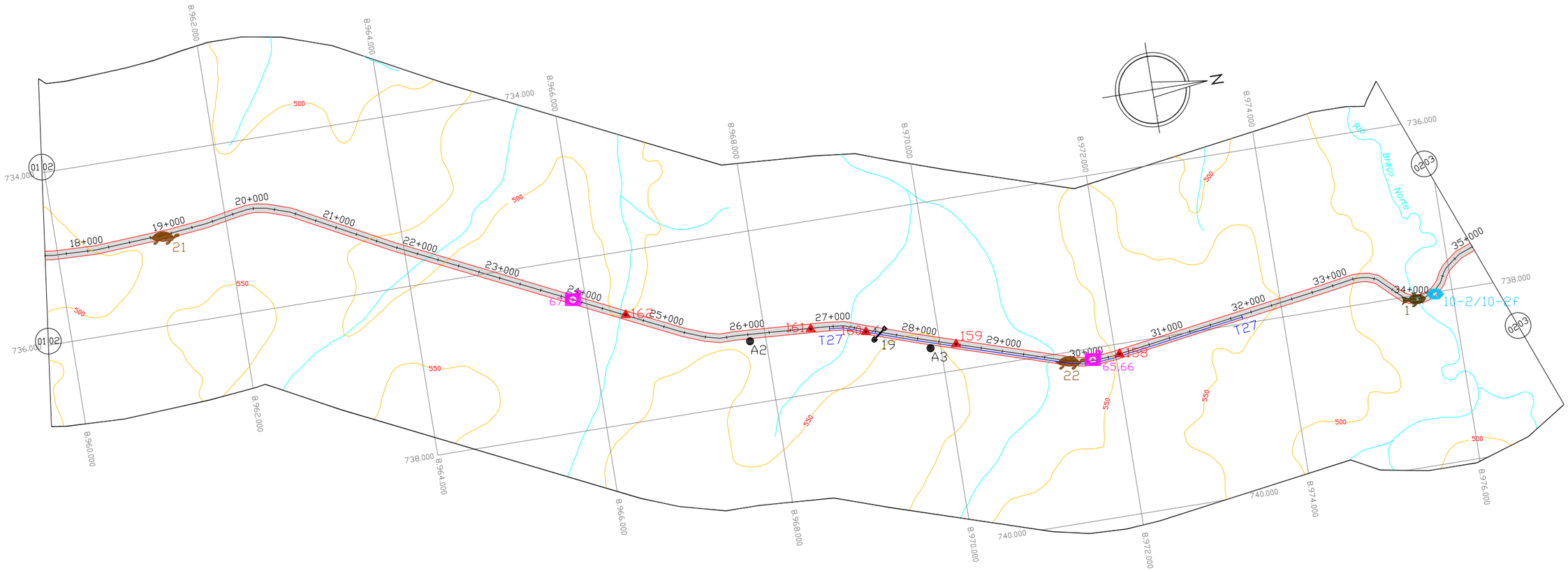
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A3
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T27
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02 03
01 02
02 03
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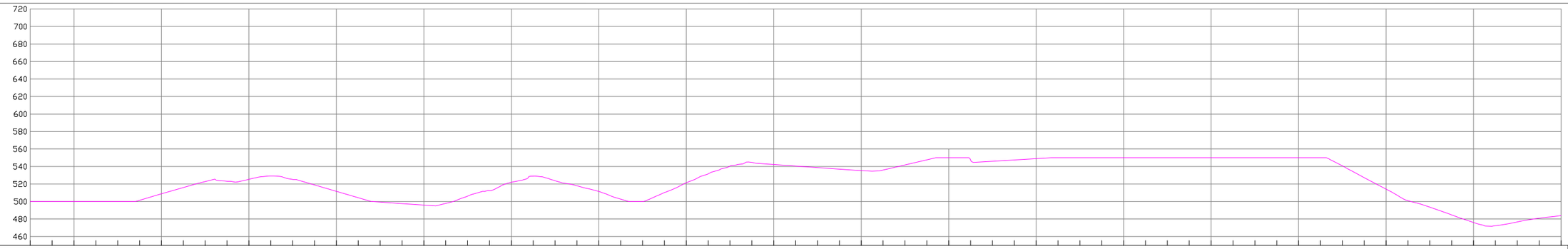
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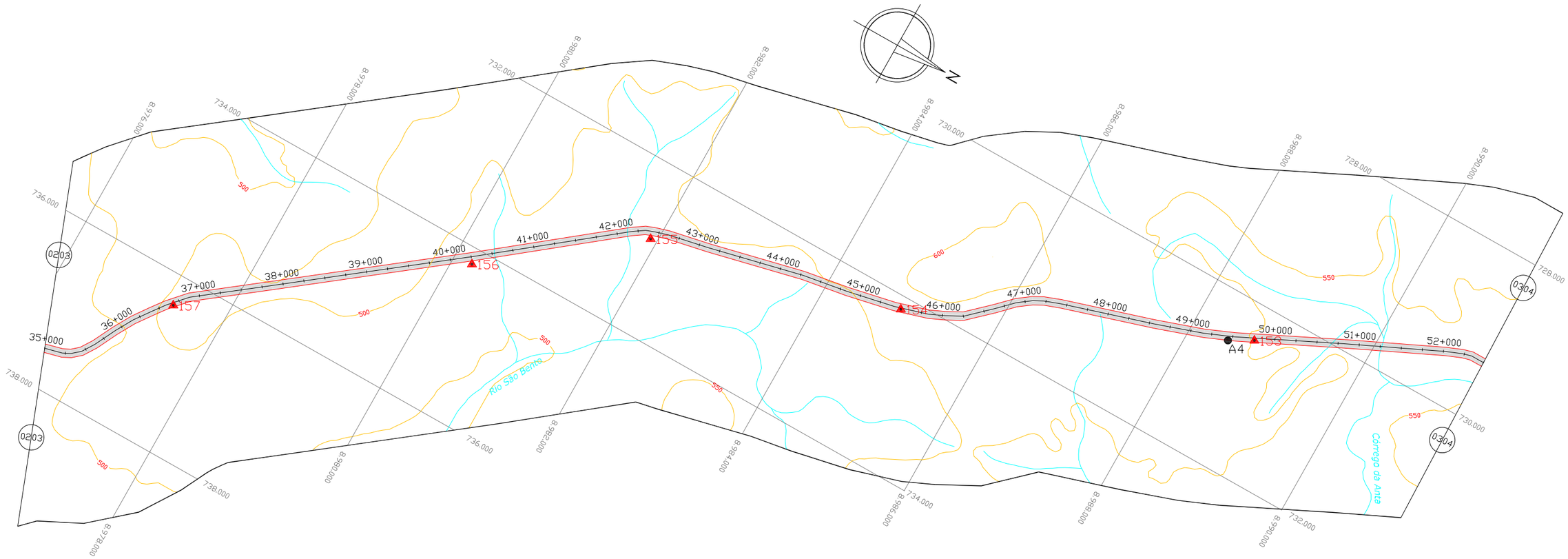
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Rio São Bento
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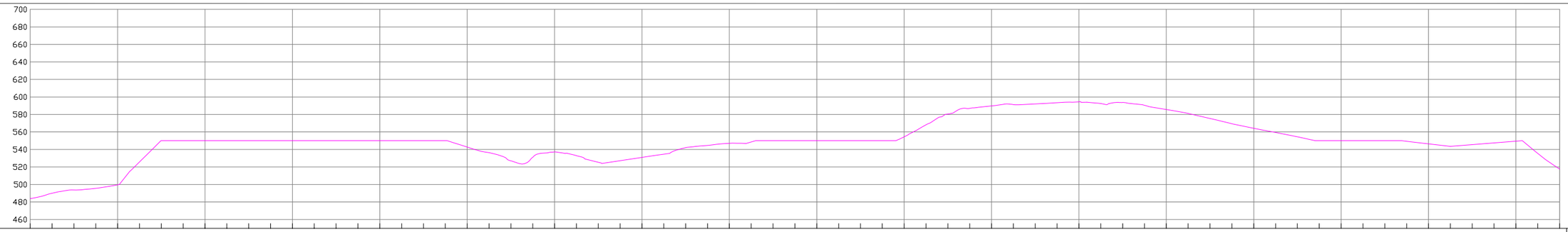
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S2
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A4
A2
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2
T26
Rio Cristalino
Rio Curuá
N
0304
0405
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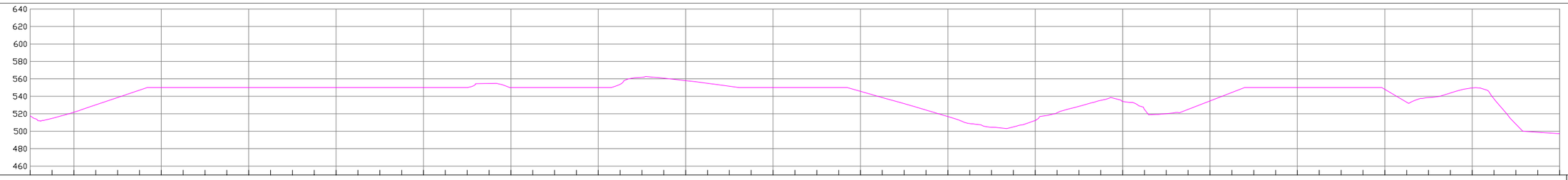
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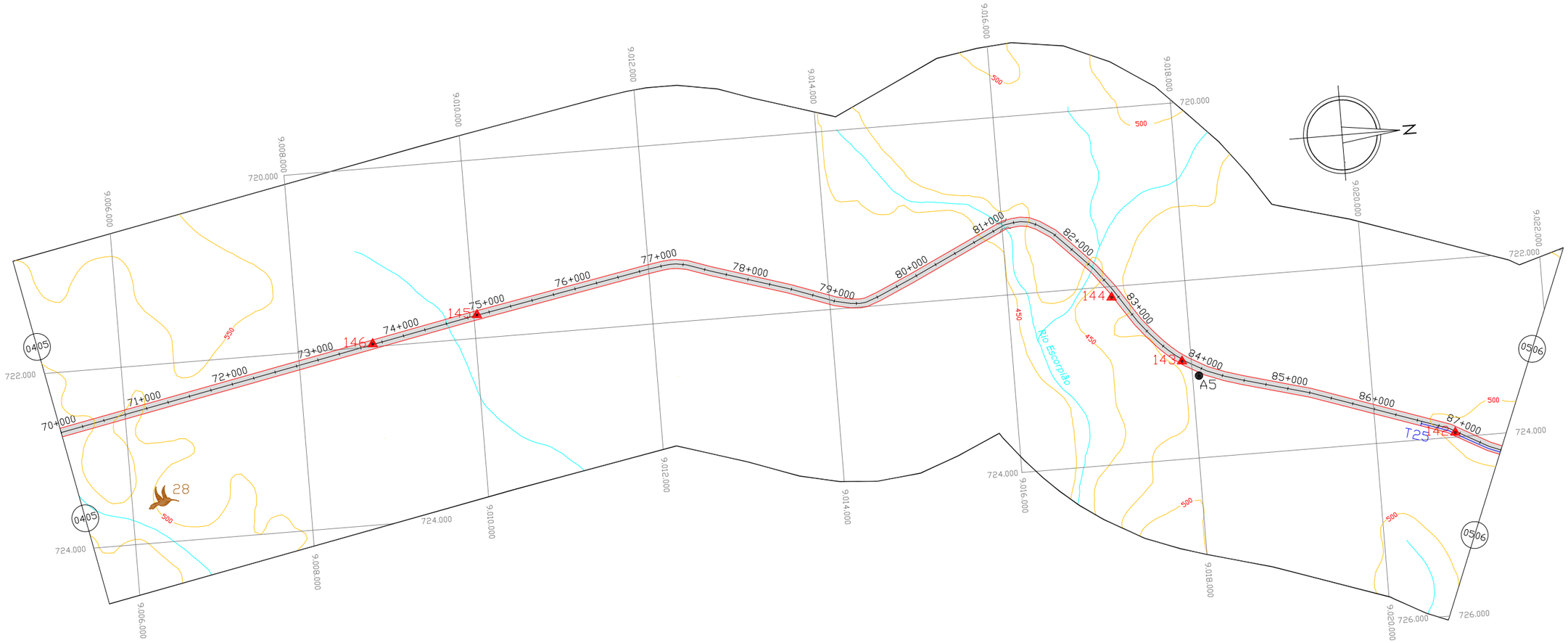
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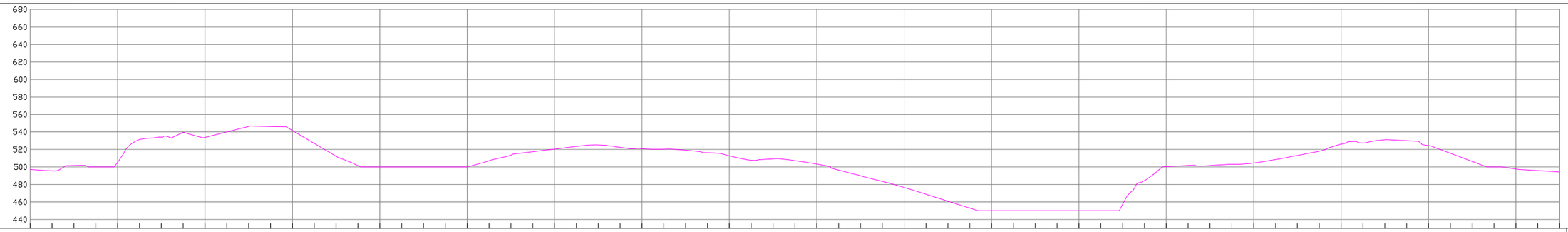
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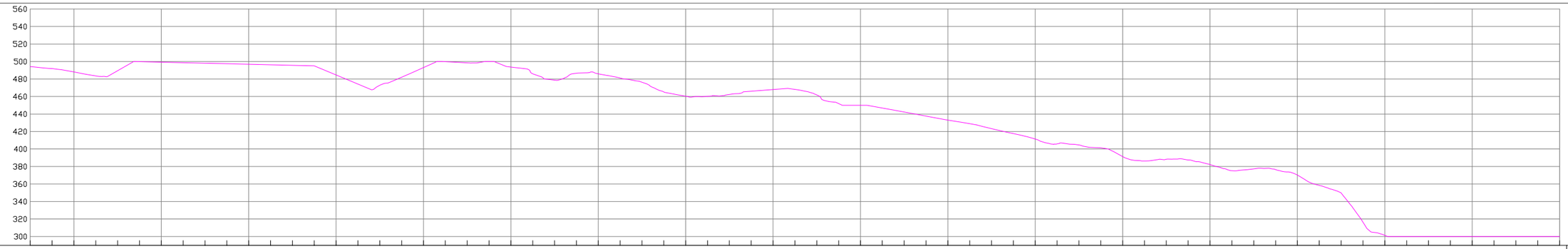

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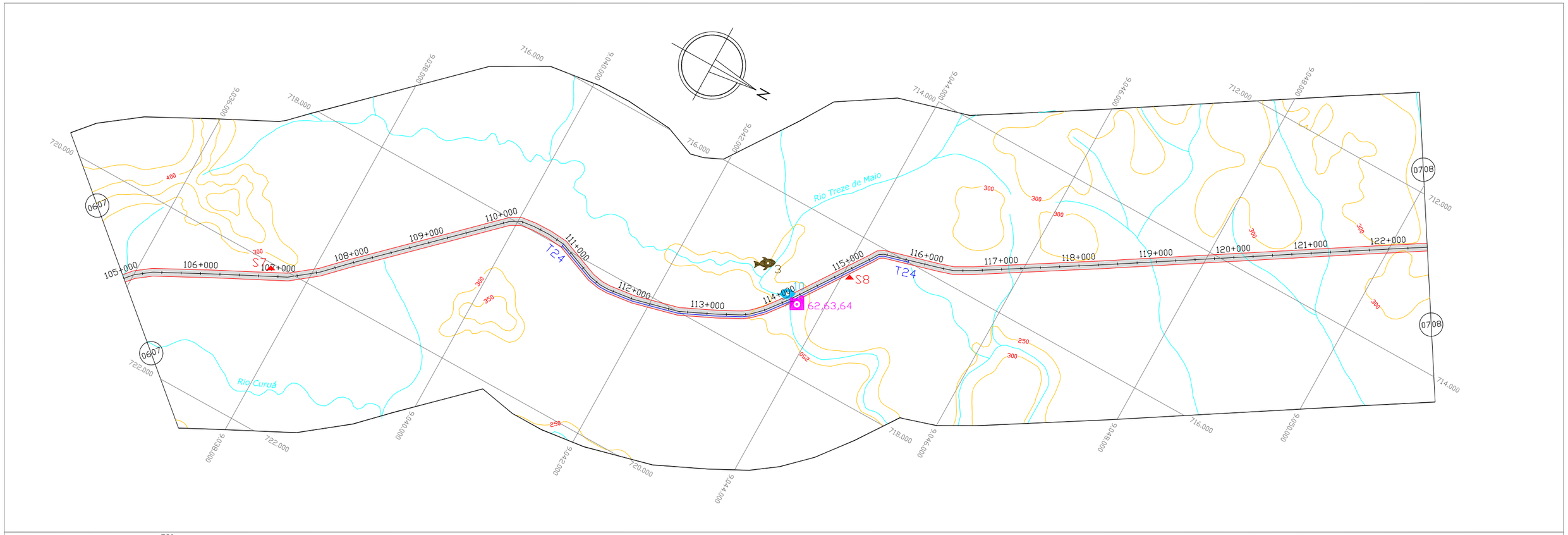
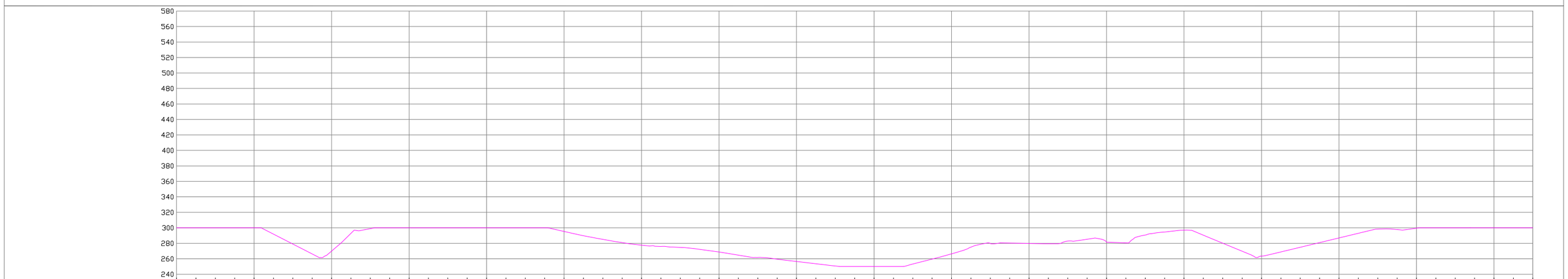
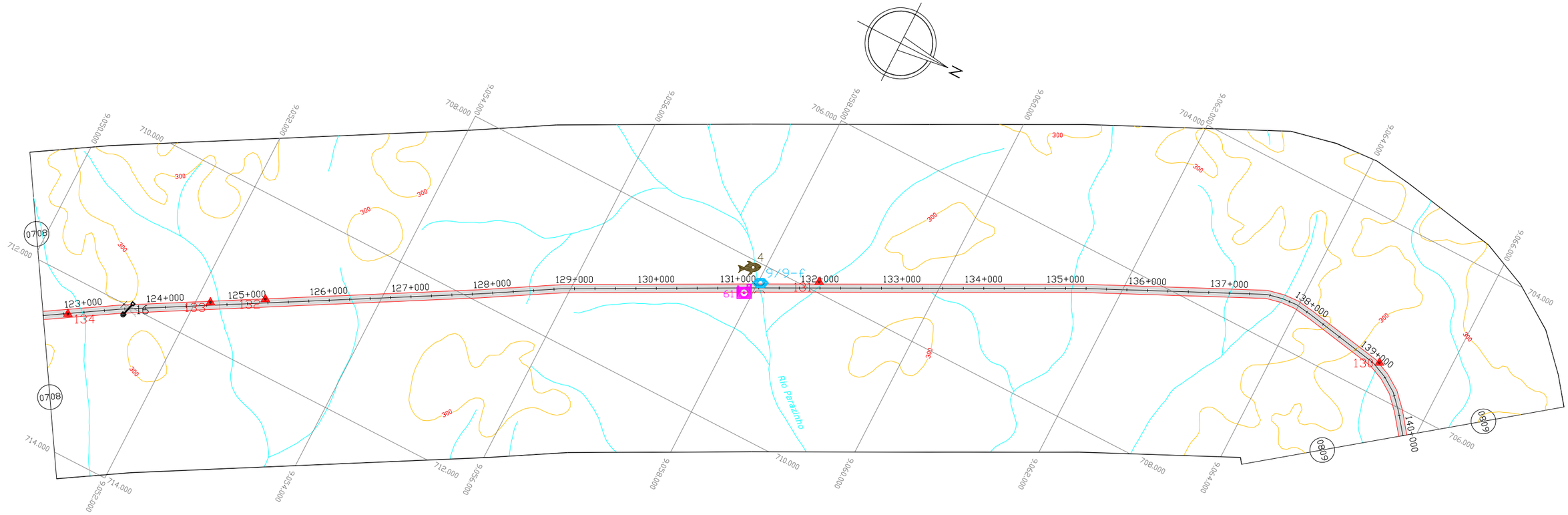




| COTAS (m) EIXO LOCADO | | |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Rio Parazinho
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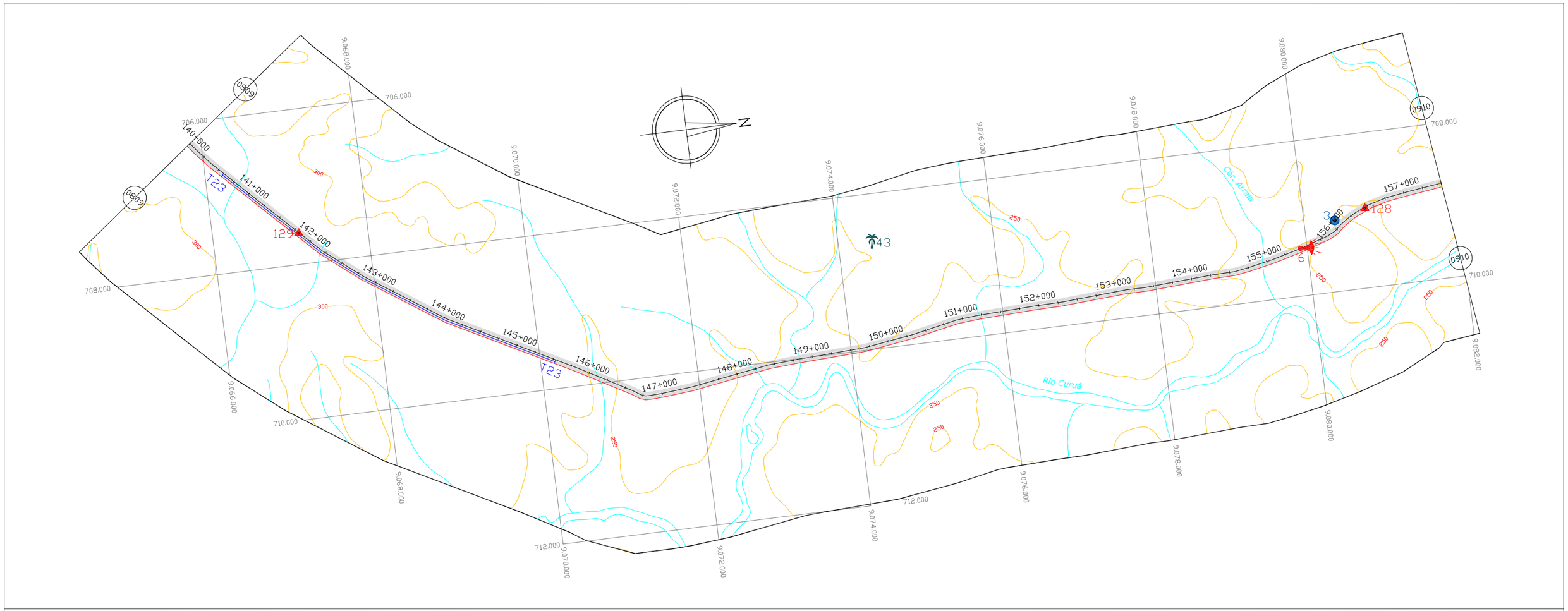
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T23
T23
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128
6
3
43
Rio Curuá
Cór. Arraia
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250
706.000
708.000
710.000
712.000
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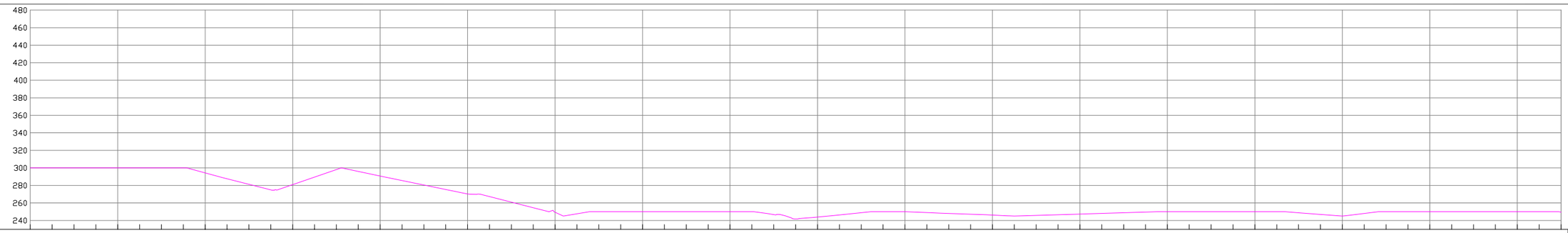
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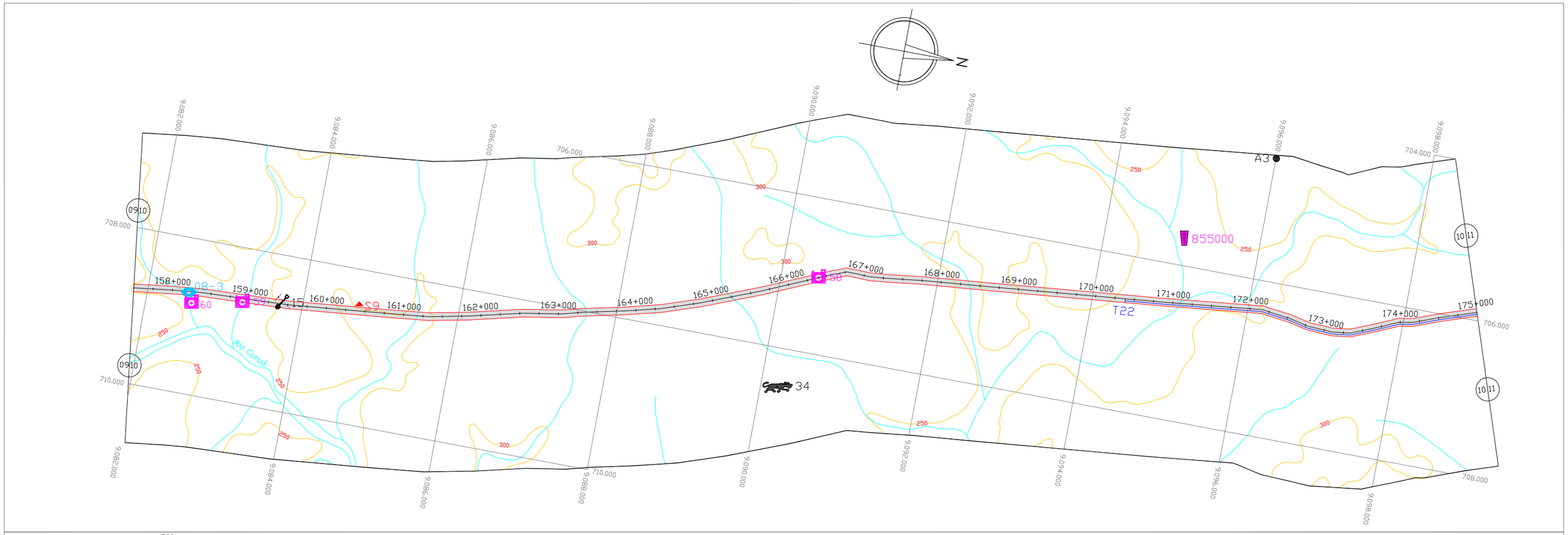
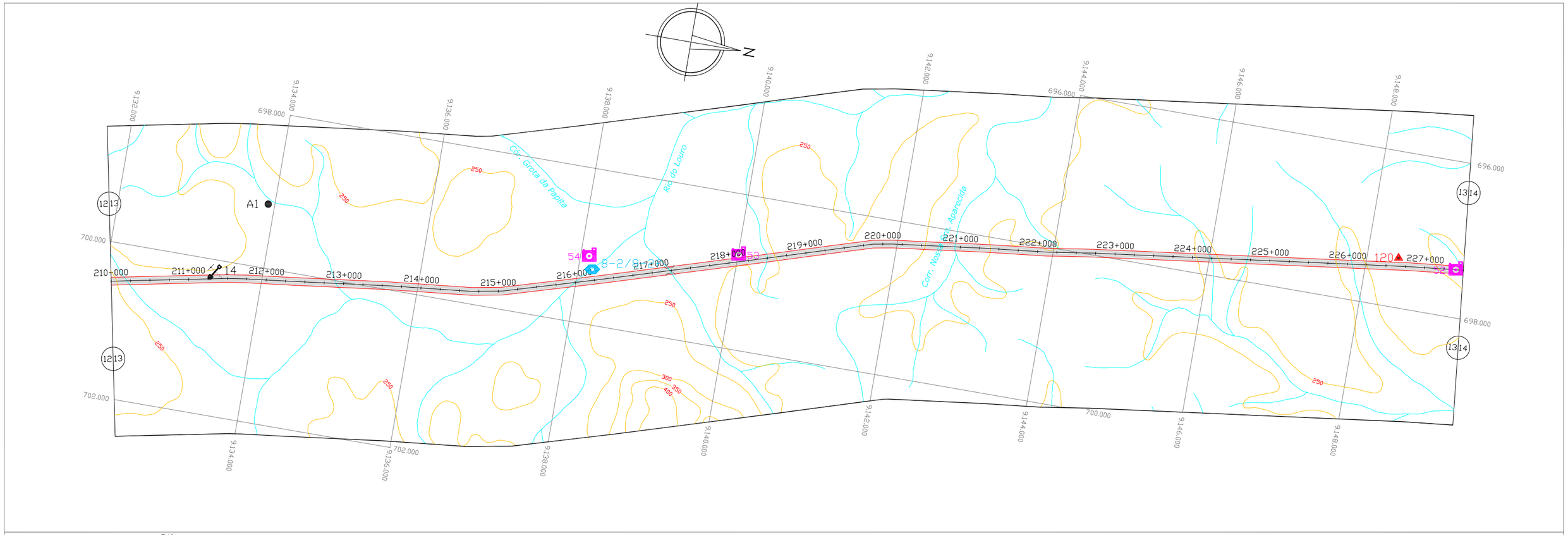


| COTAS (m) EIXO LOCADO | | |

| COTAS (m) EIXO LOCADO | | |

| COTAS (m) EIXO LOCADO | | |



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240.54	
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244.99	
246.41	215,0
247.83	
249.25	
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217.26	
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242.84	
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250.00	226,0
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250.00	
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14	

Foto: 54

Foto: 53

Foto: 52

DNIT Departamento Nacional de Infra-Estrutura de Transportes
Ministério dos Transportes

ecoplan ENGENHARIA

Escalas
V = 1:5.000
H = 1:50.000

Rodovia: BR 163
Trecho: Divisa MT/PA - Entroncamento BR 163/BR 230

Data
OUT/2002

ANTEPROJETO GEOMÉTRICO
km 210,0 ao km 227,5

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T20
T20
8-1
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119
117
116
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5
8
Rio Almir
Rio Luciana
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14/15
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698.000
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692.000
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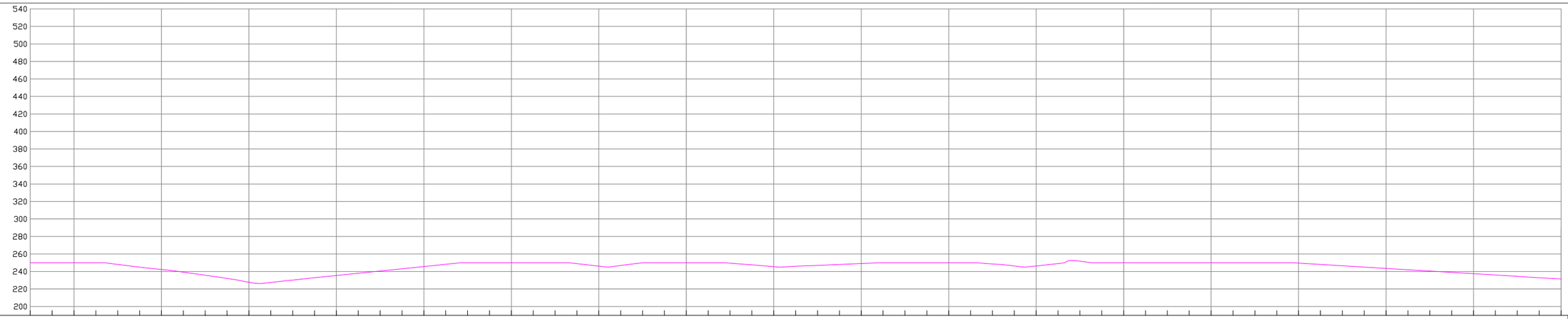
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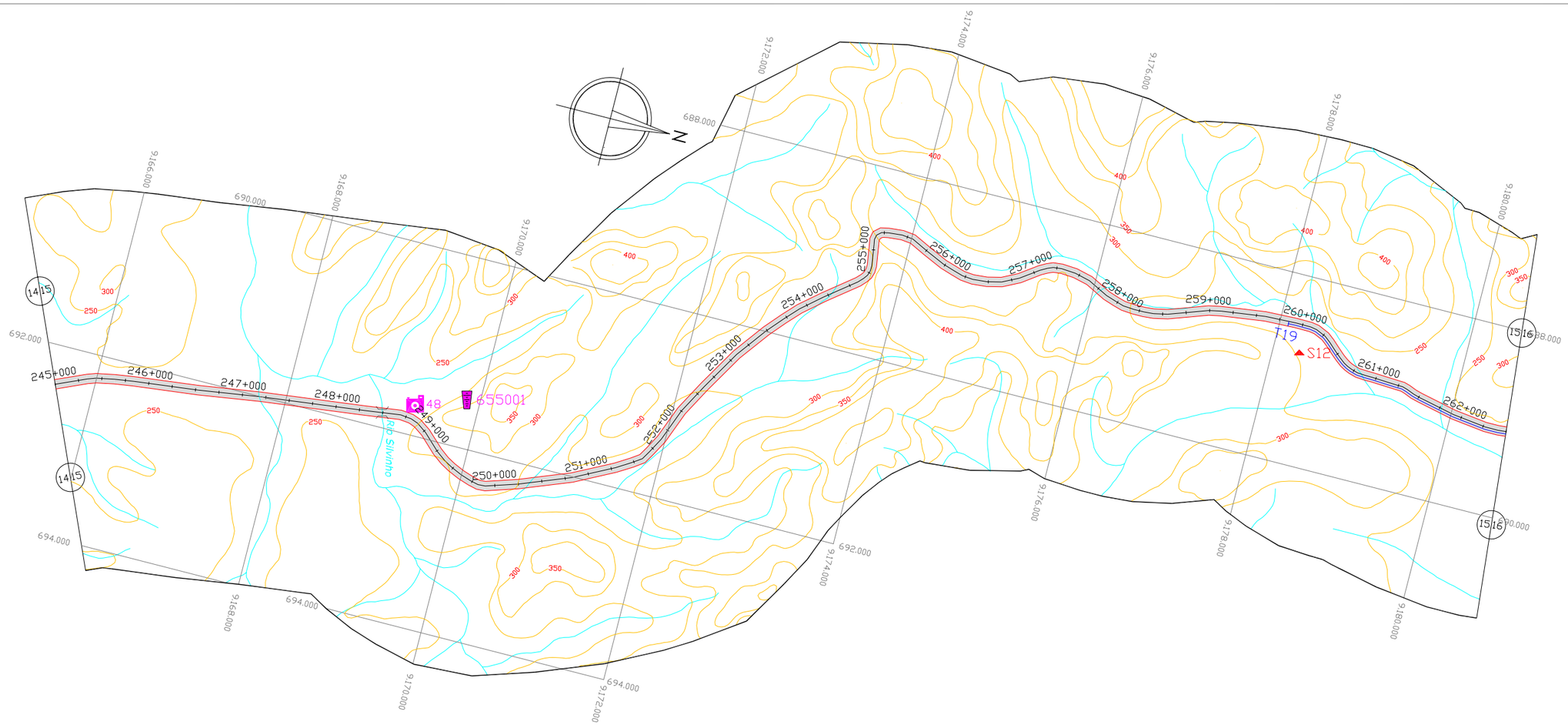
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15|16
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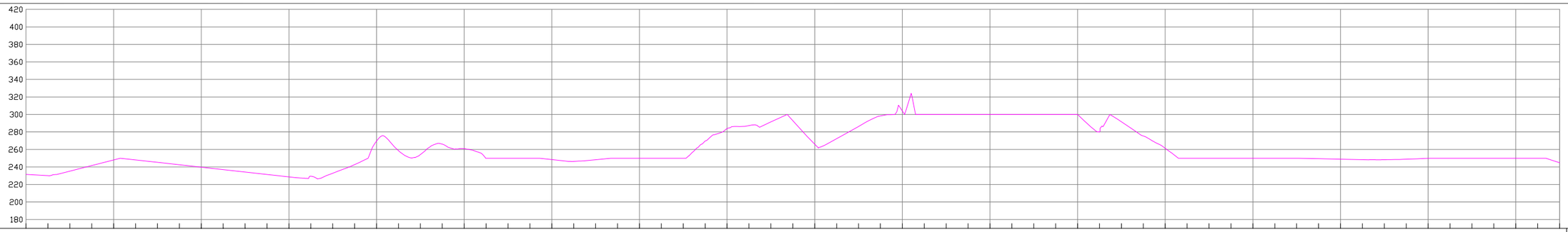
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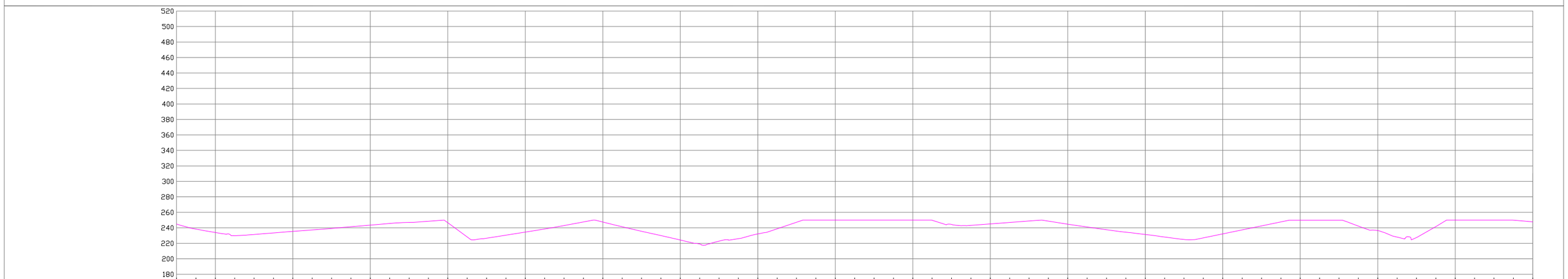

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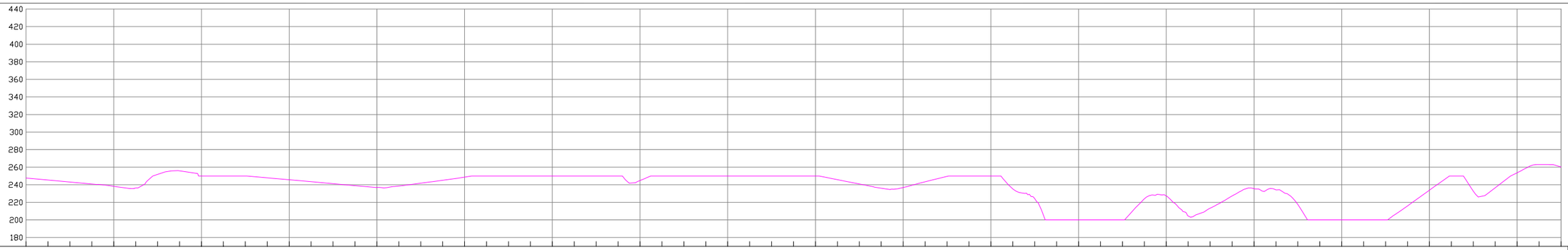

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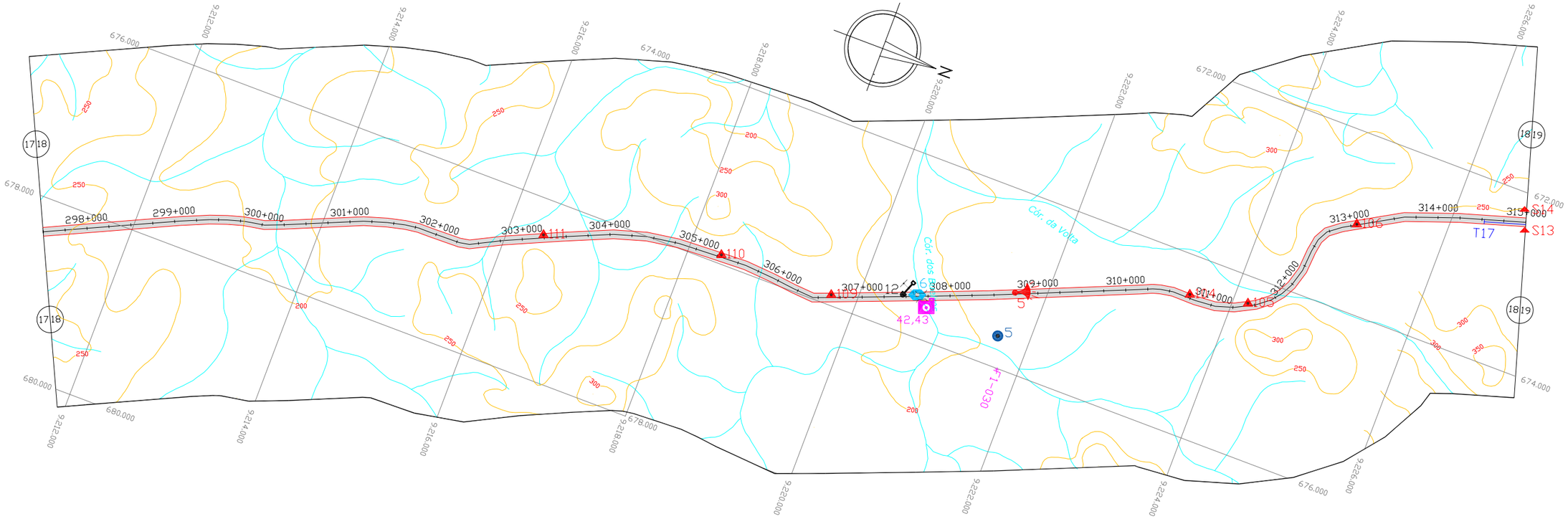
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Cór. dos Bandeiras
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18 19
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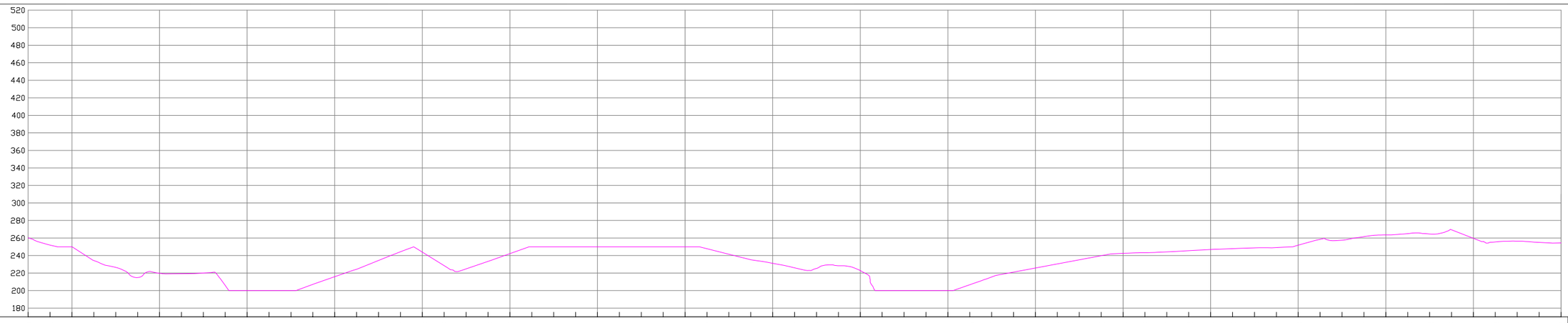
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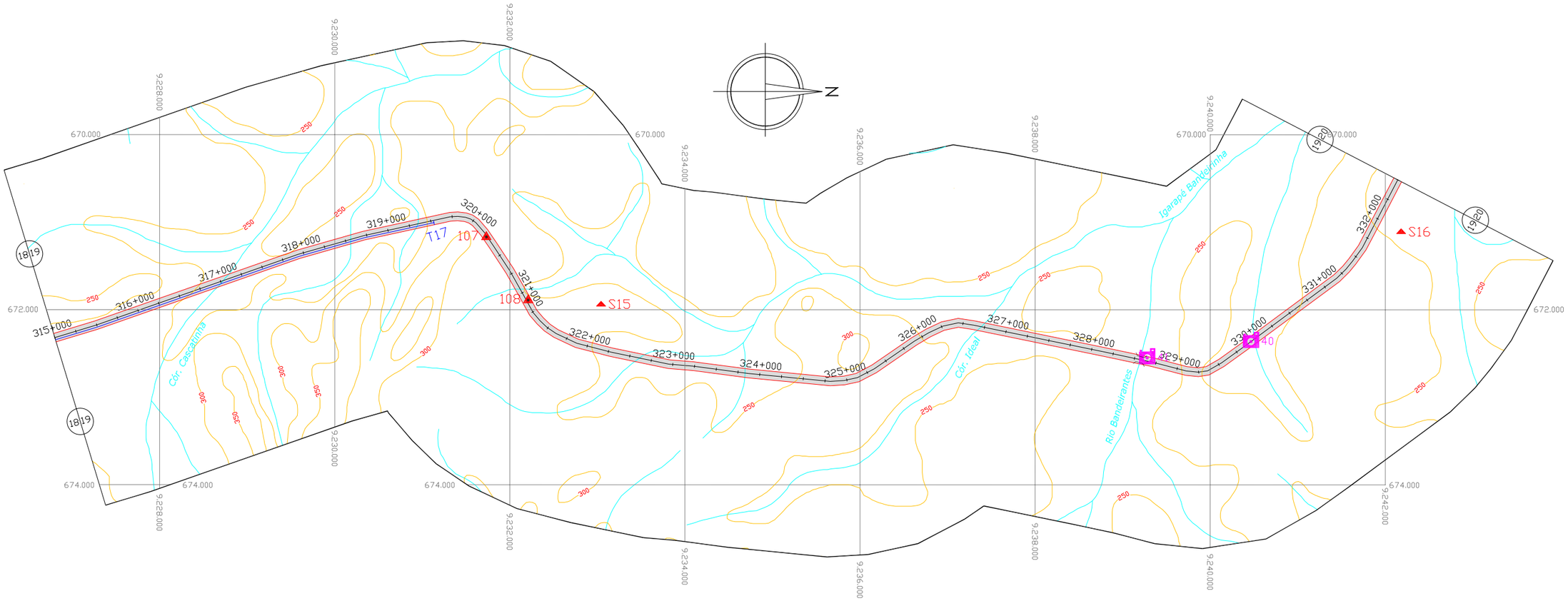
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Cór. Cascatinha
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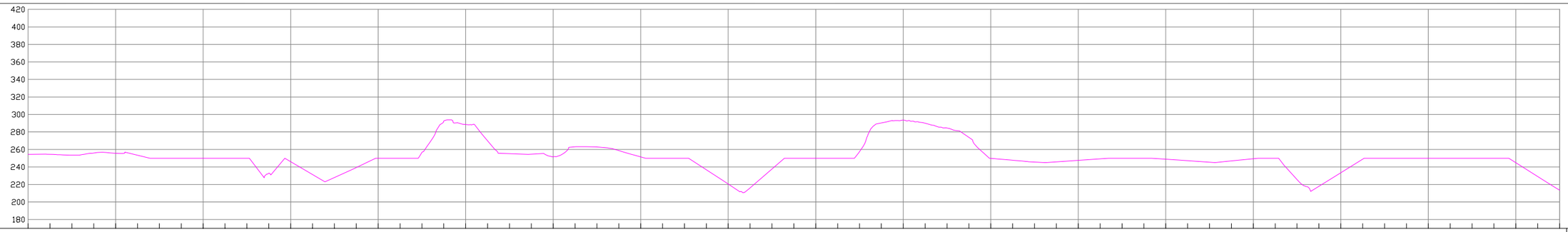
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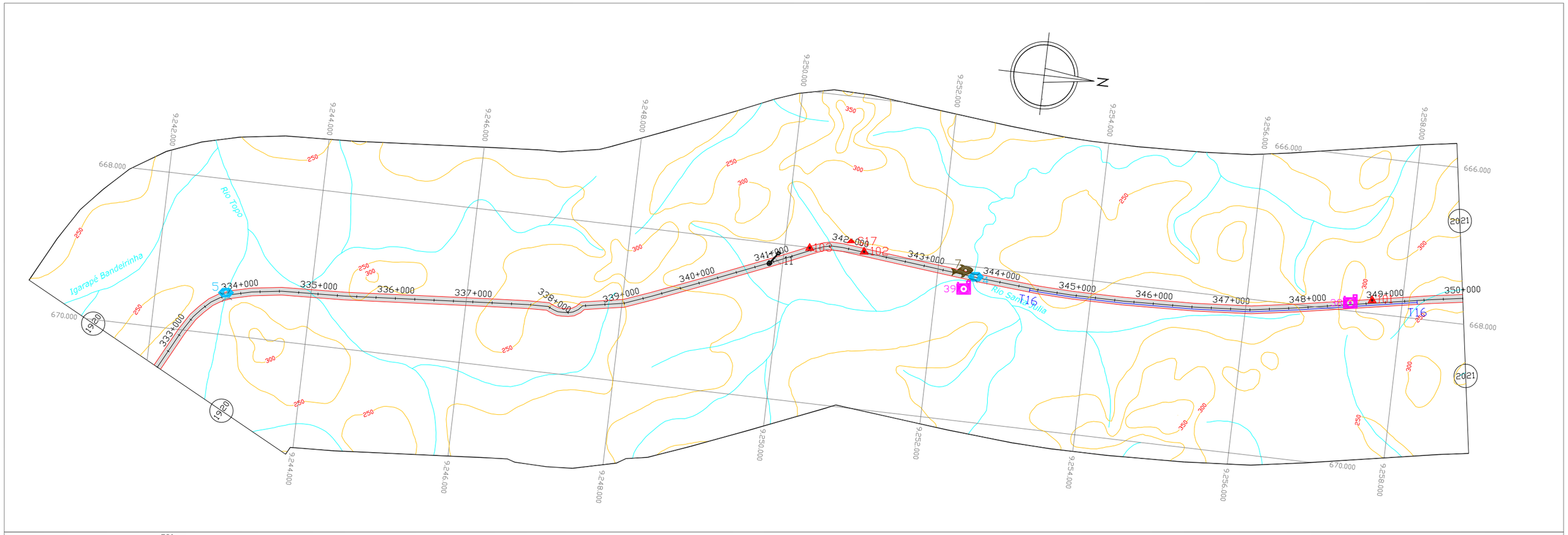
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Rio Santa Julia
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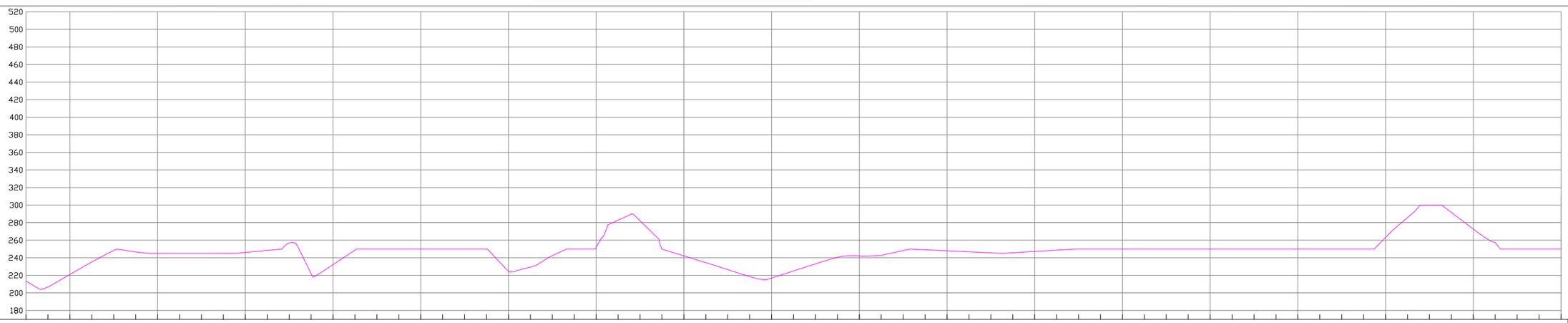
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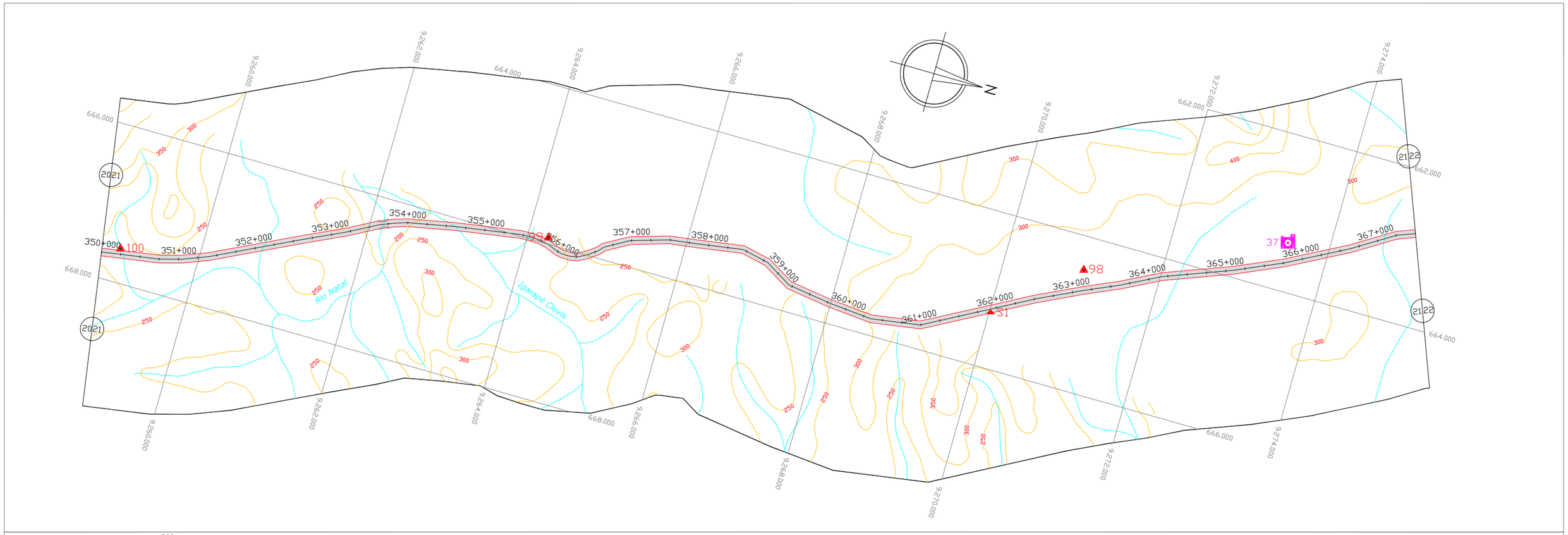
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362+000
363+000
364+000
365+000
366+000
367+000
100
99
98
S1
37
2021
2122
666.000
668.000
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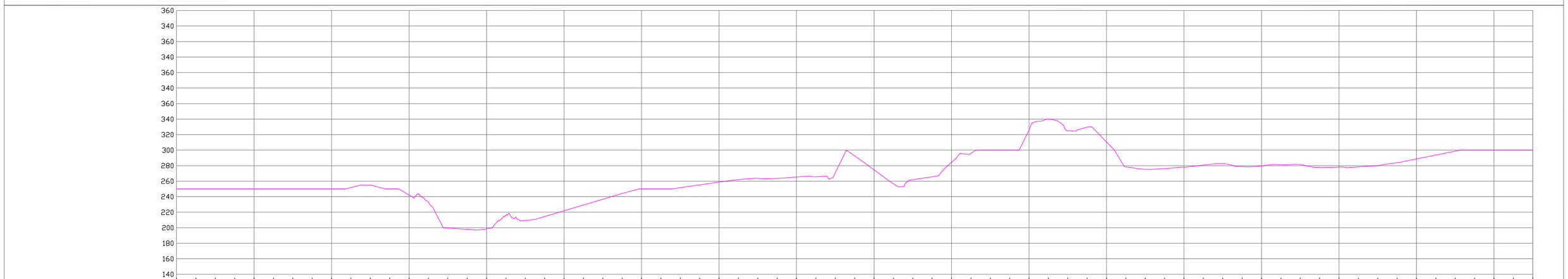
9274.000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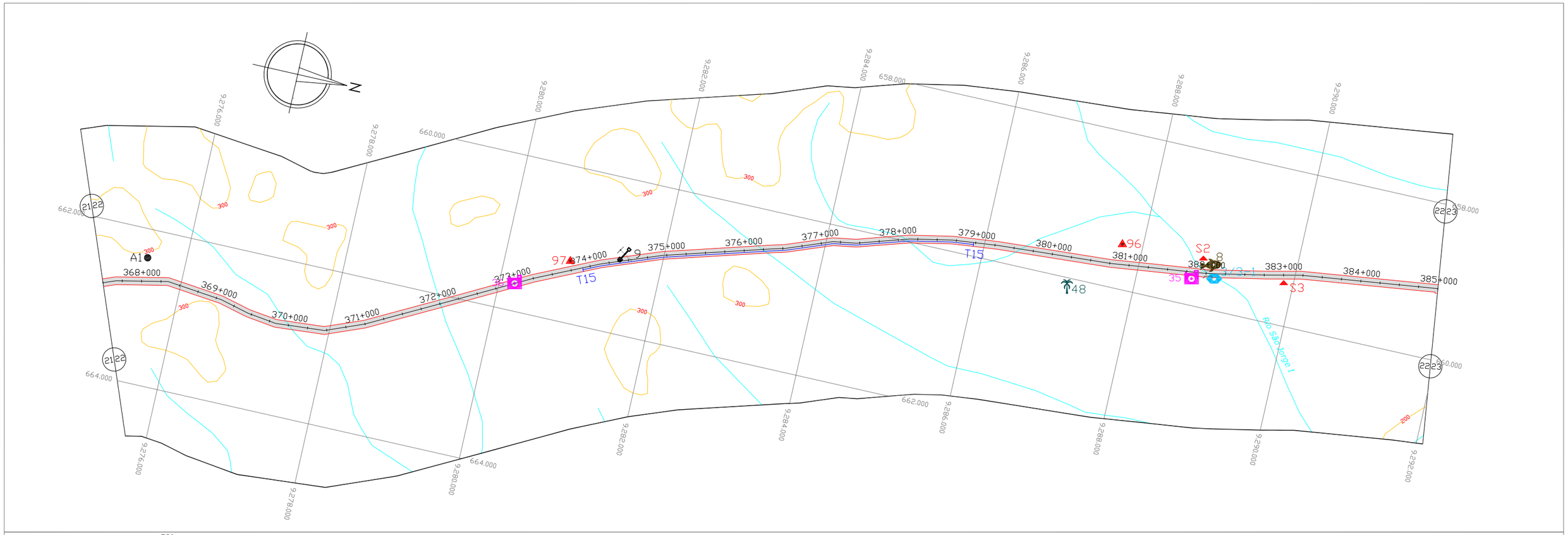
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384+000
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A1
97
96
S2
S3
35
48
T15
Rio São Jorge I
2122
2223
662.000
664.000
660.000
658.000
300
200

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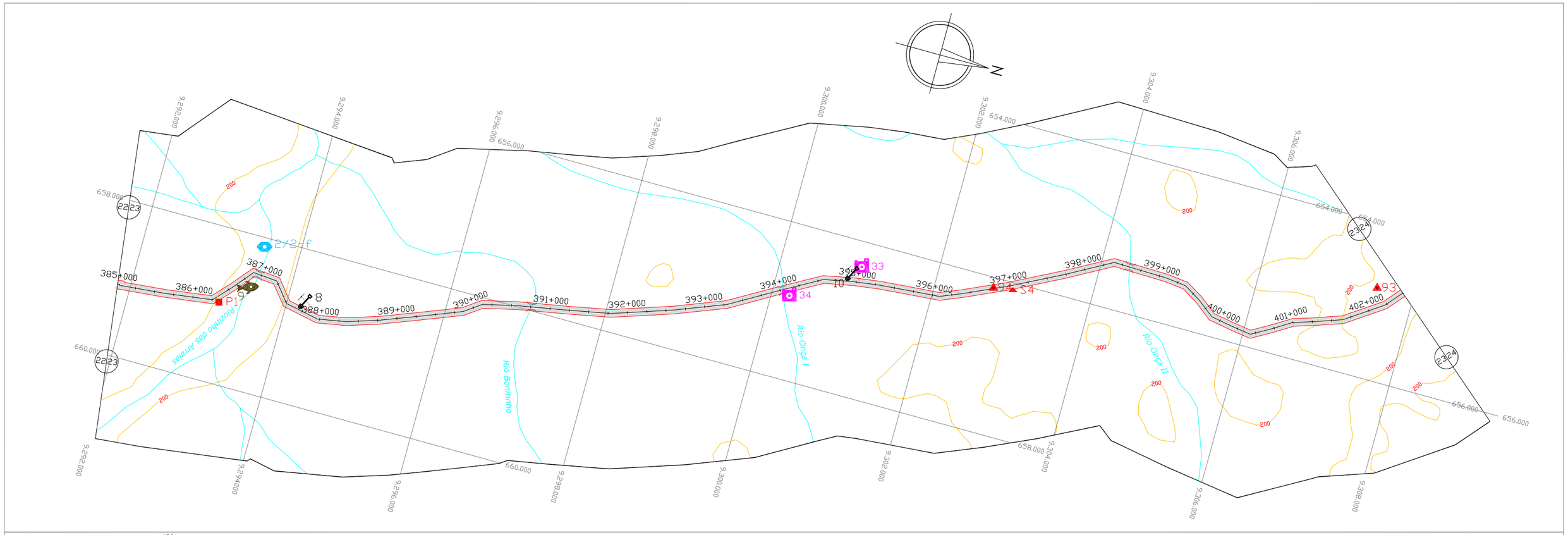
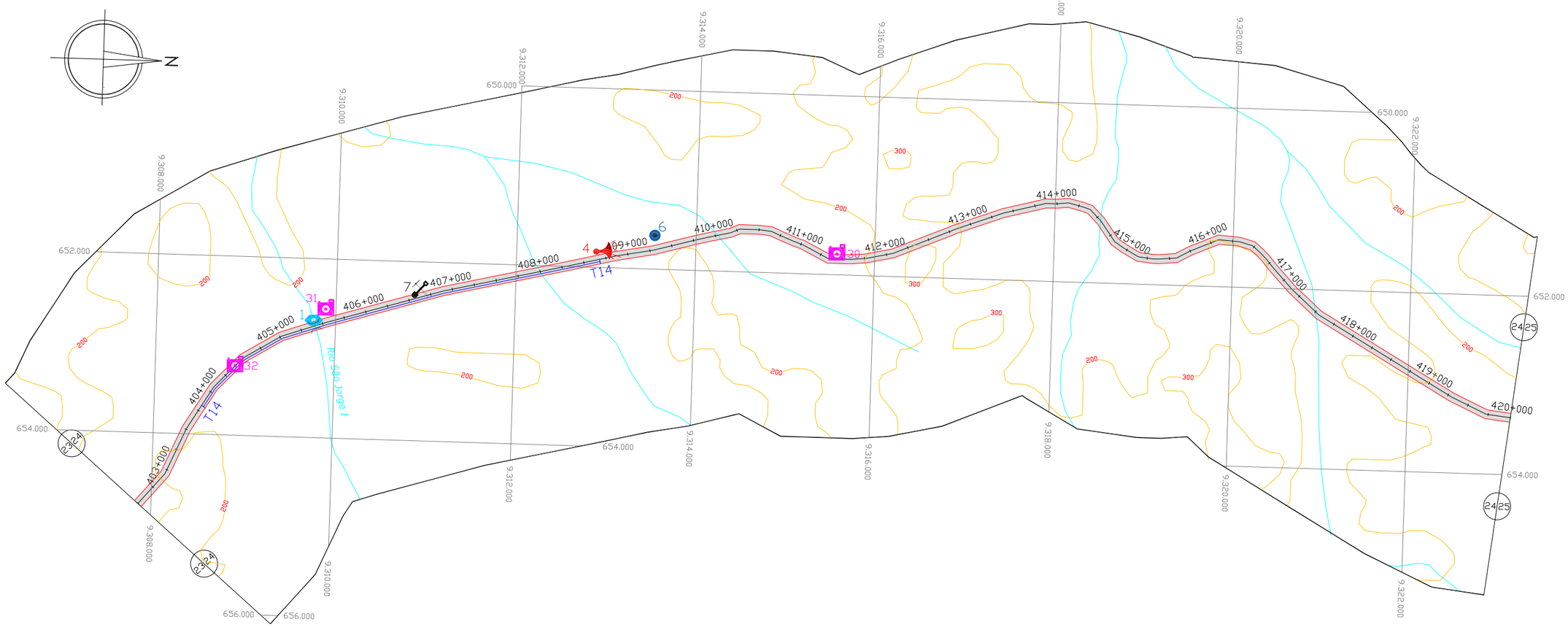
| | | |



| COTAS (m) EIXO LOCADO | | |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T14
Rio São Jorge I
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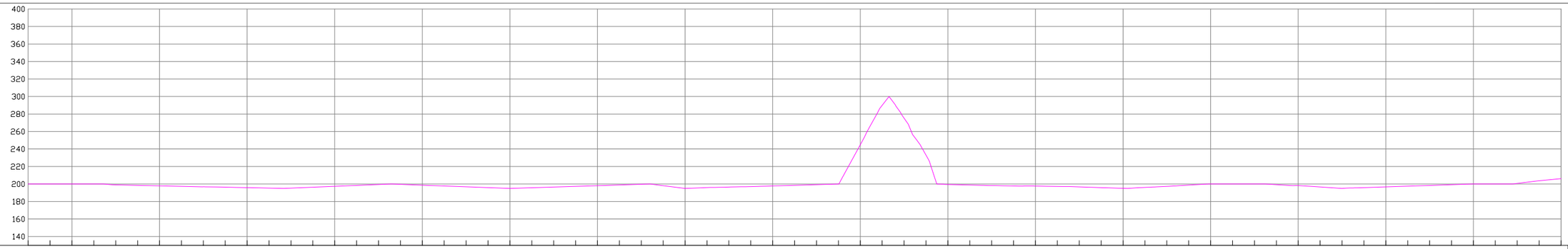
200
300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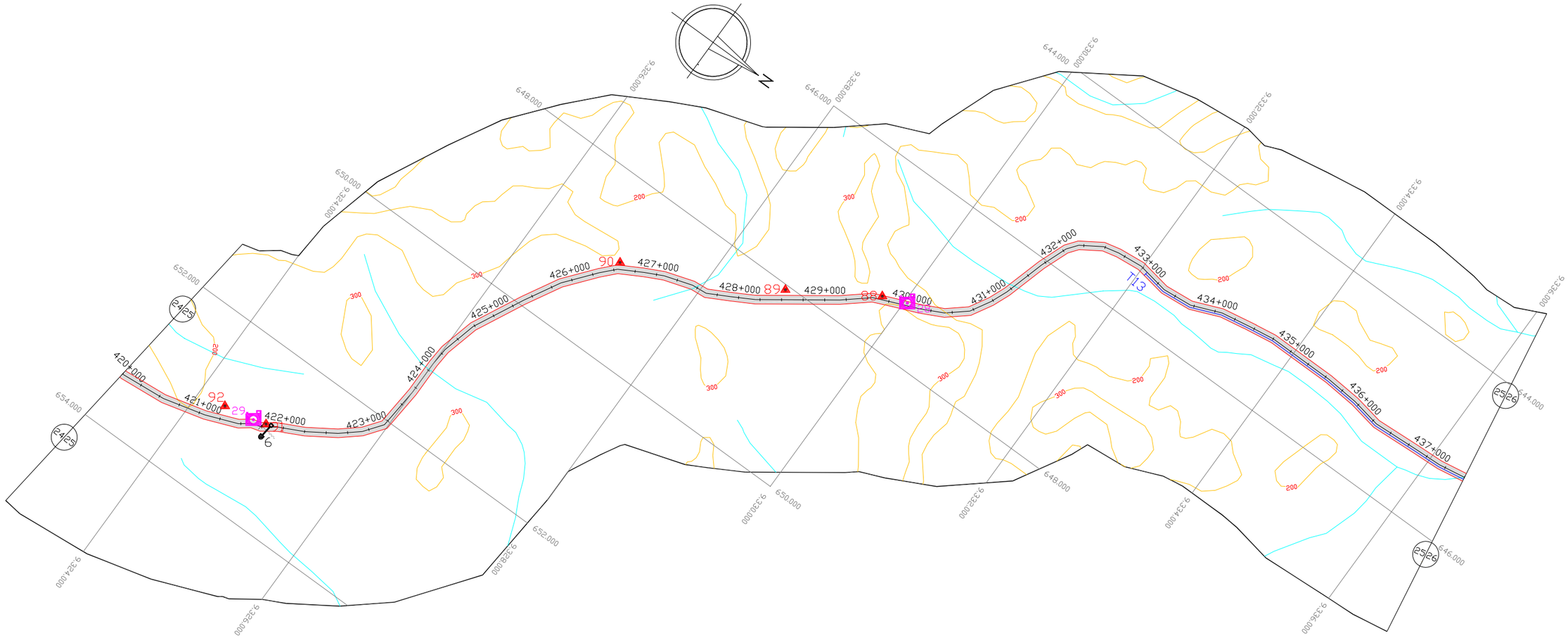
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T13
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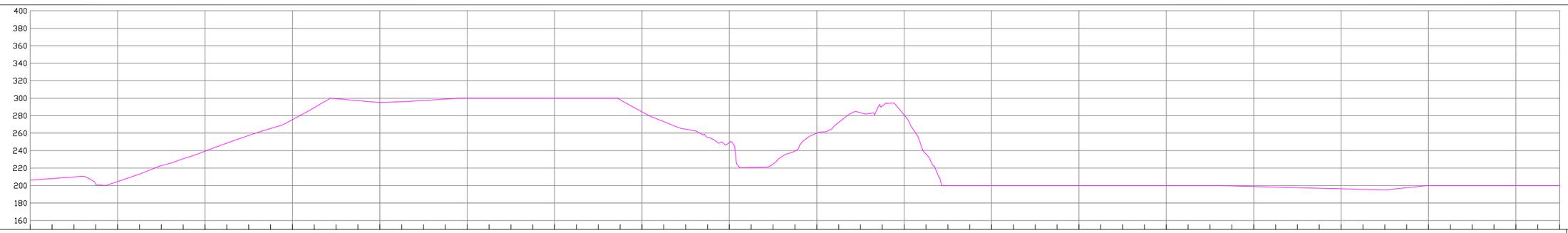
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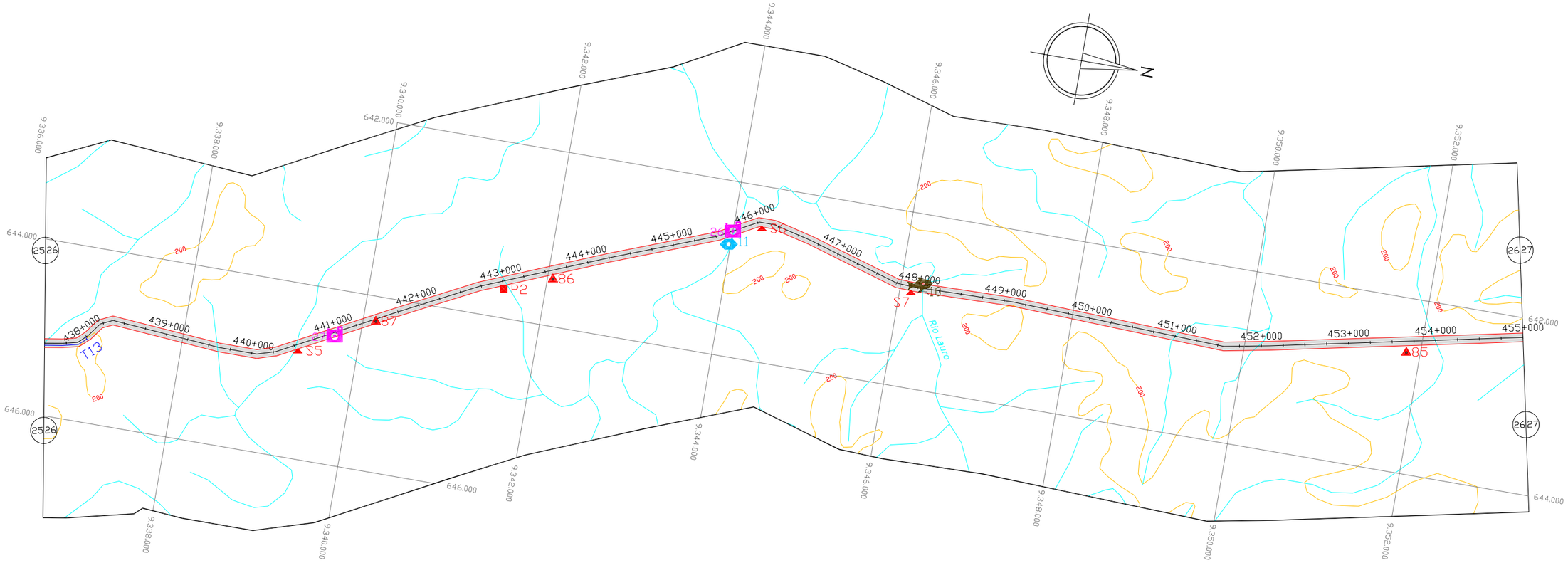


COTAS (m) EIXO LOCADO	QUILOMETRAGEM
200.00	437,5
200.00	438,0
200.00	
200.00	
199.69	
198.71	
197.73	439,0
196.75	
195.77	
194.87	
195.17	440,0
194.31	
193.99	
193.10	
192.71	441,0
193.07	
193.76	
194.45	
195.13	442,0
195.80	
196.48	
197.14	
197.68	443,0
198.22	
198.76	
199.30	
199.84	444,0
199.80	
199.54	
199.29	
199.03	445,0
198.77	
198.51	
198.16	
198.08	446,0
198.85	
198.29	
198.59	
199.49	447,0
200.00	
200.00	
200.00	
200.00	448,0
200.00	
200.00	
200.00	449,0
200.00	
200.00	
200.00	
200.00	450,0
200.00	
199.37	
198.58	
197.79	451,0
197.00	
196.25	
195.58	
195.43	452,0
197.52	
199.61	
199.30	453,0
198.44	
197.58	
196.72	
195.86	454,0
195.00	
196.51	
198.02	
199.54	455,0
197.80	
2627	

Foto: 27

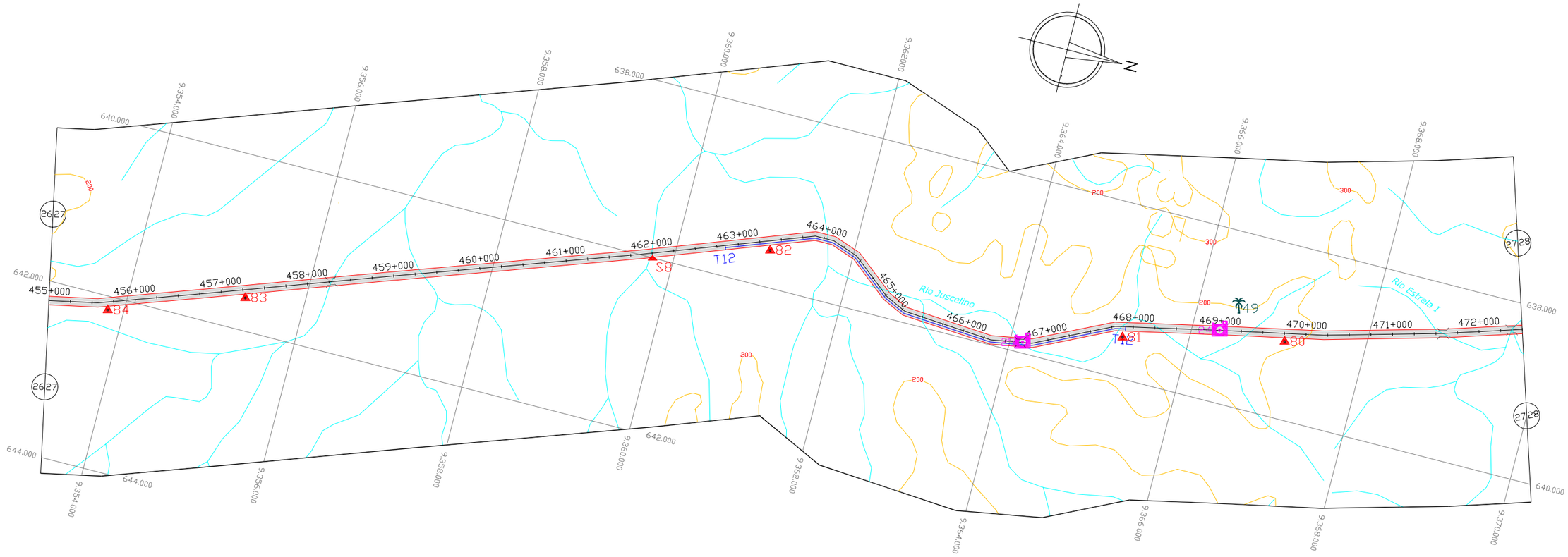
Foto: 26

Foto: 85

DNIT Departamento Nacional de Infra-Estrutura de Transportes
Ministério dos Transportes

ecoplan ENGENHARIA

Escalas V = 1:5.000 H = 1:50.000	Rodovia: BR 163 Trecho: Divisa MT/PA - Entroncamento BR 163/BR 230
Data OUT/2002	ANTEPROJETO GEOMÉTRICO km 437,5 ao km 455,0


N
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Rio Juscelino
Rio Estrela 1
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2728
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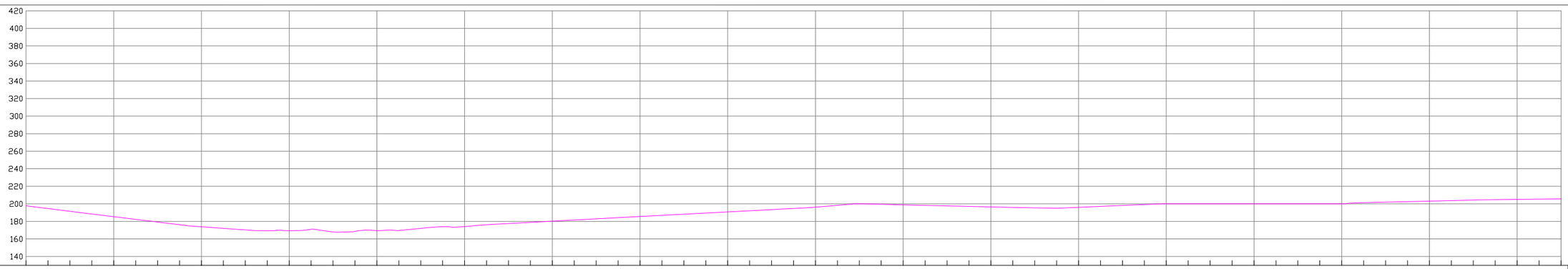
640.000
642.000
644.000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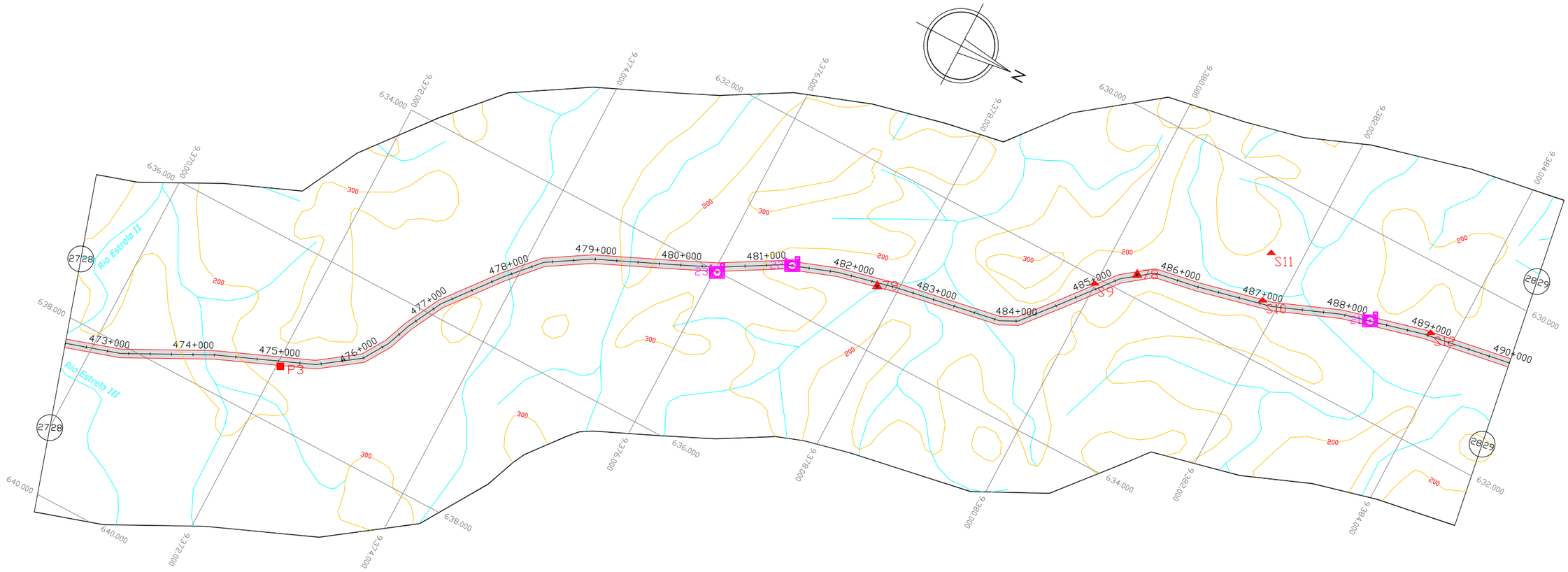
Rio Estrela II
Rio Estrela III
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474+000
475+000
476+000
477+000
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482+000
483+000
484+000
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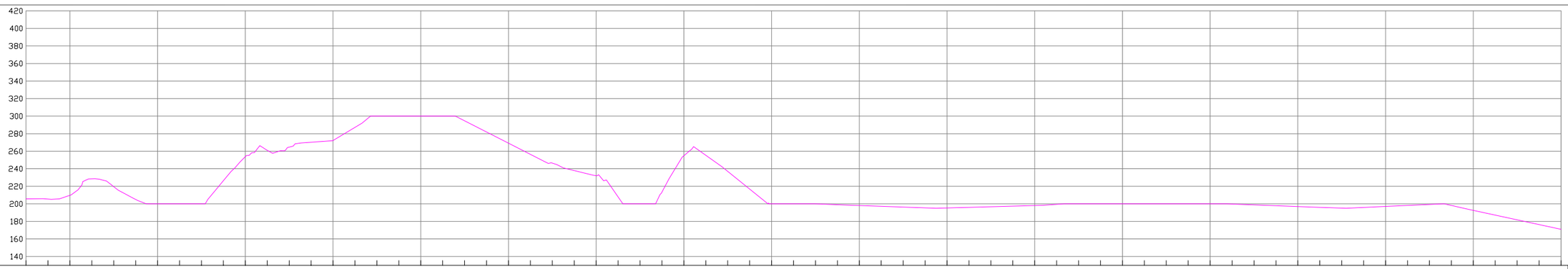
S9
S10
S11
S12
27/28
28/29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380
360
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240
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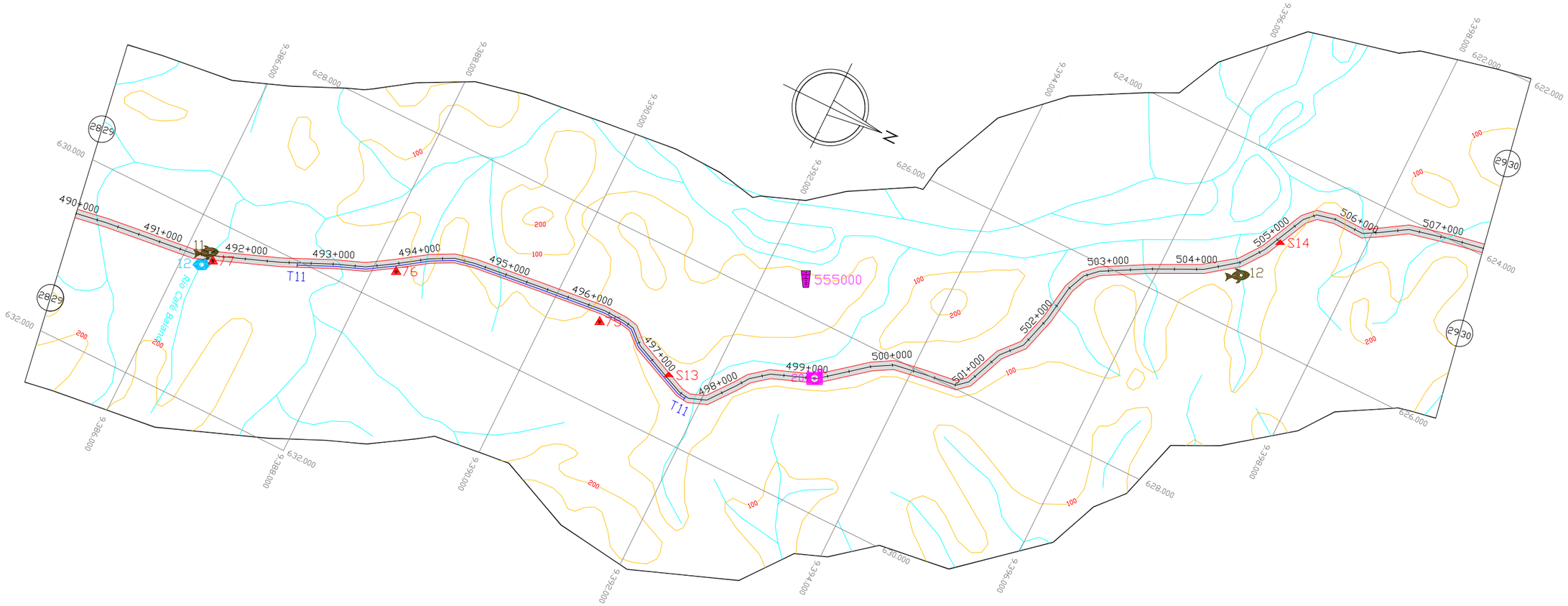
200
180
160
140

| | | |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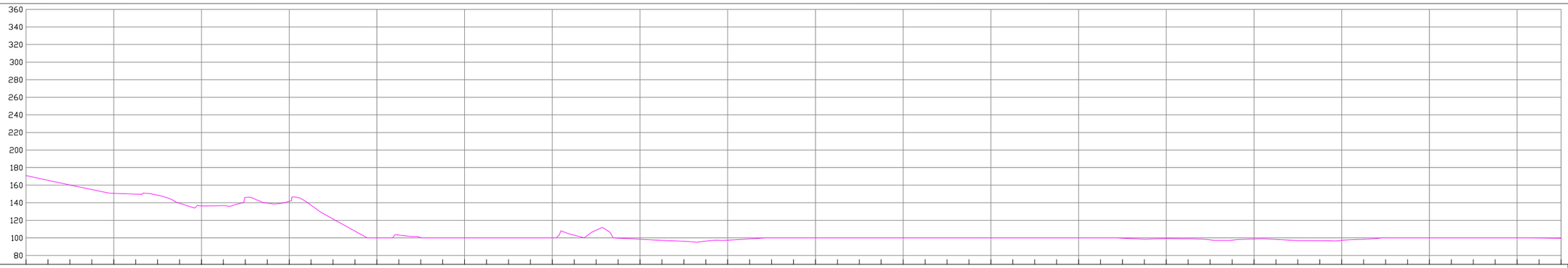
S13
S14
T11
Rio Cabe Balanca
555000
N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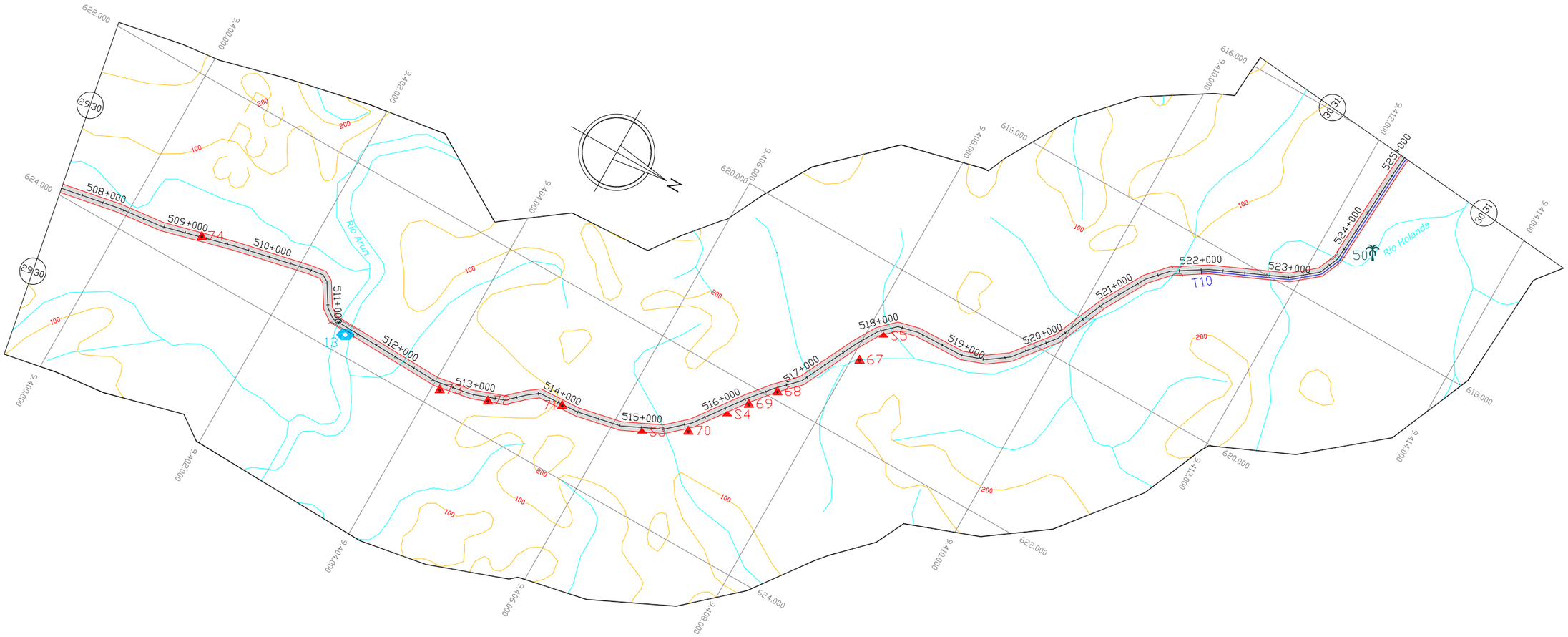
100
80

| | | |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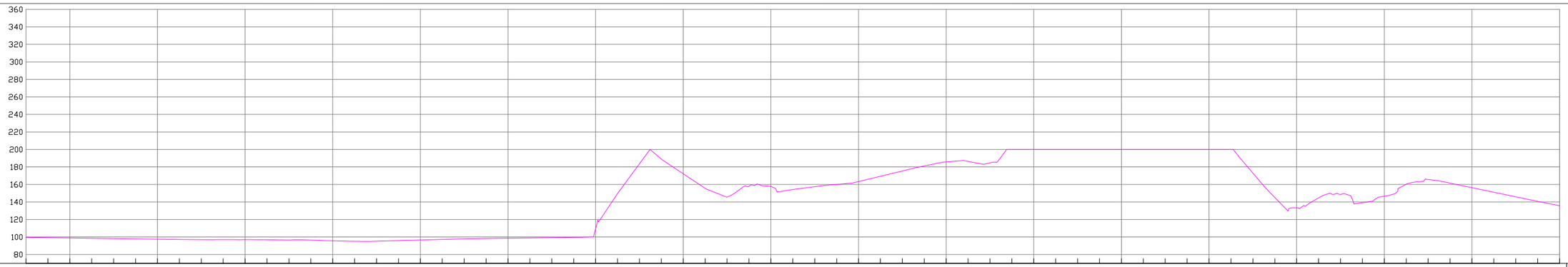
525+000
Rio Aturi
Rio Holanda
T10
N



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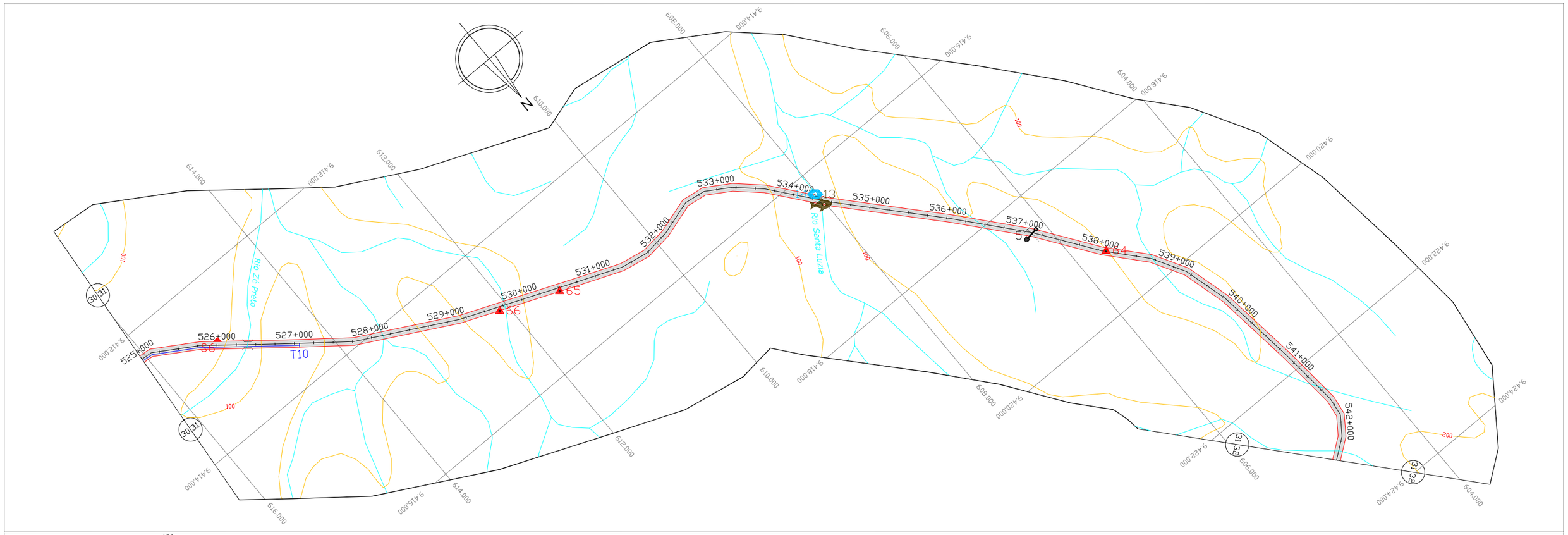
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538+000
539+000
540+000
541+000
542+000
S6
T10
66
65
13
54
64
Rio Zé Preto
Rio Santa Luzia
100
200
30/31
31/32
608.000
606.000
604.000
610.000
612.000
614.000
615.000
9.414.000
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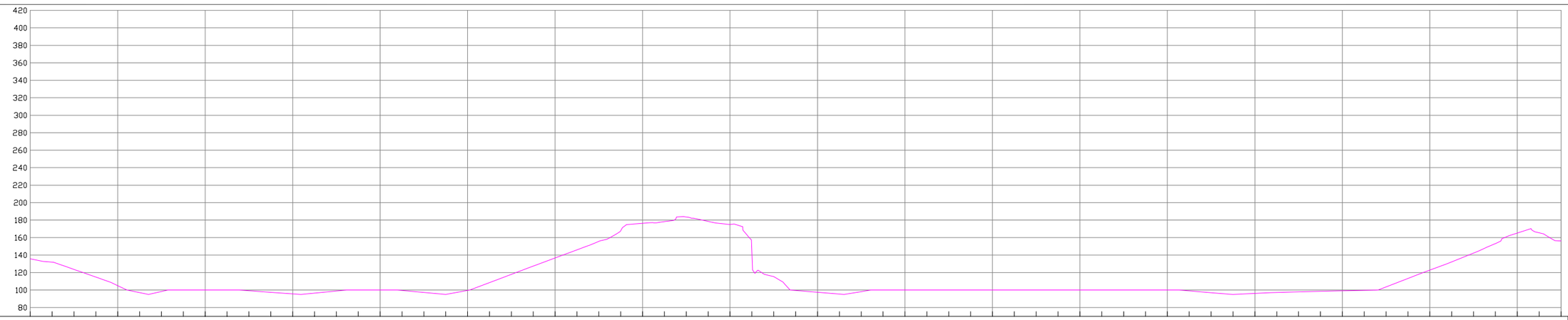
9.424.000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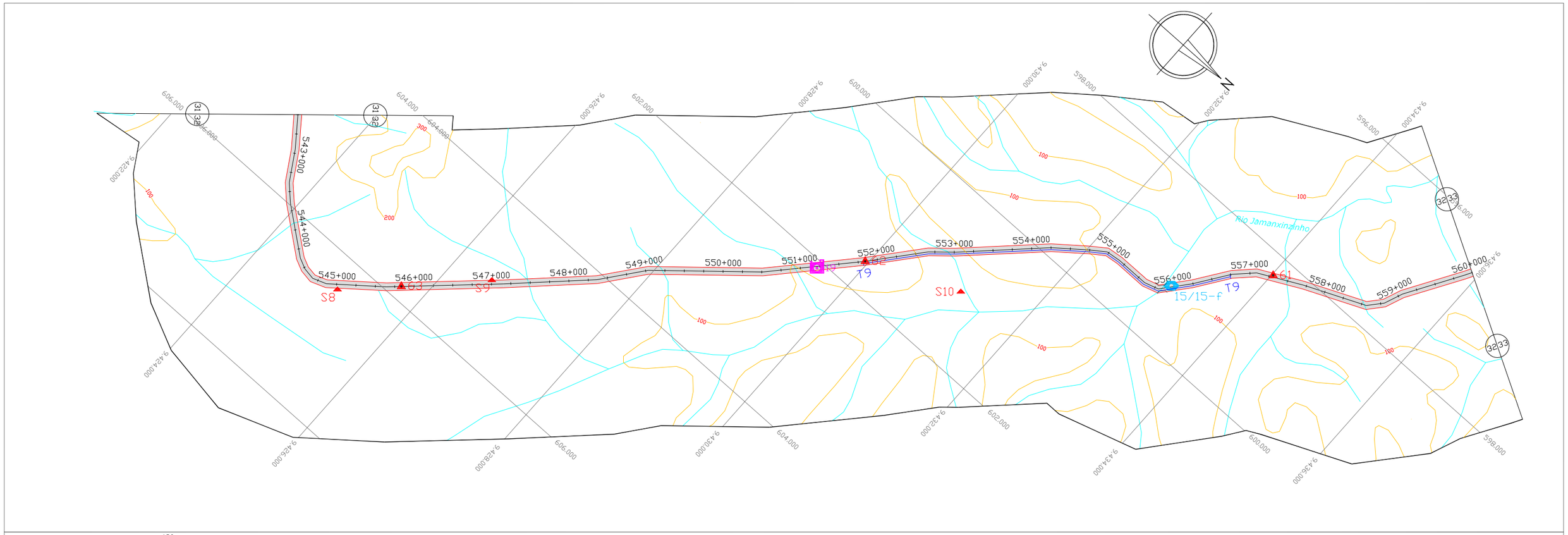
200
180
160
140
120
100
80

| | | |



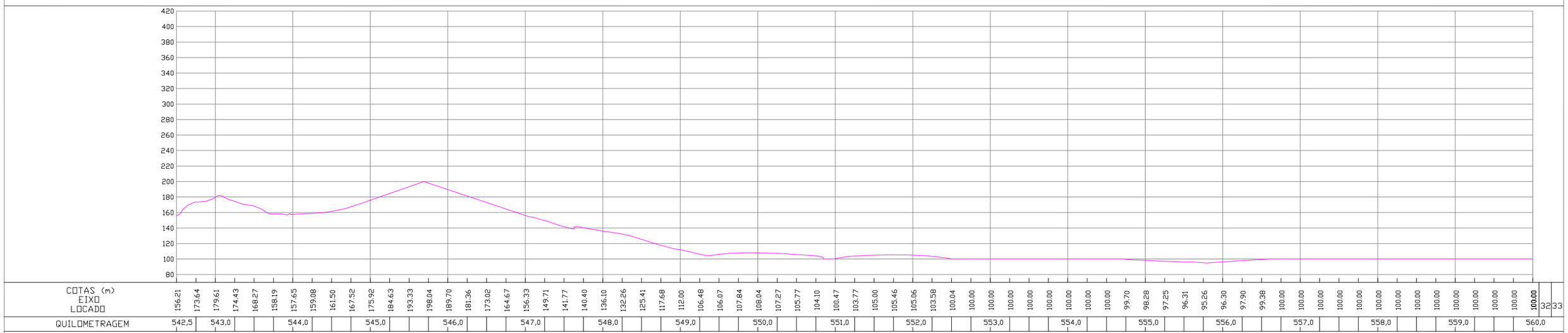


Foto: 19

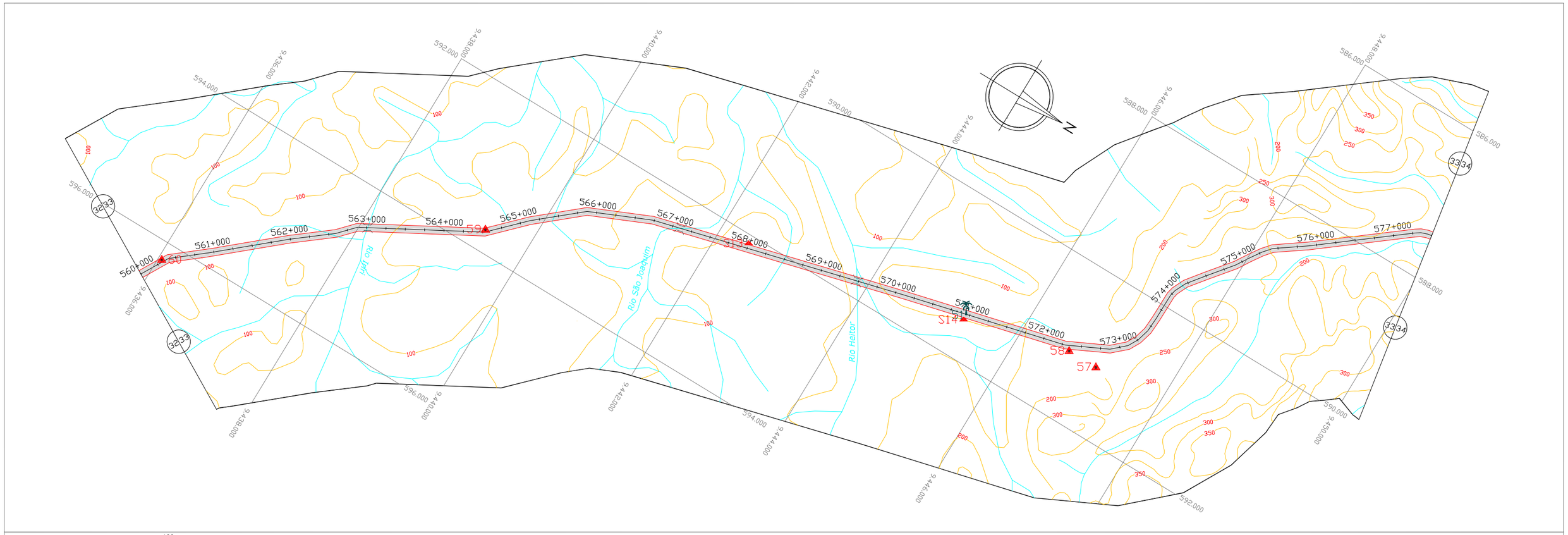
Foto: ▲62

Foto: ▲61

DNIT Departamento Nacional de Infra-Estrutura de Transportes
Ministério dos Transportes

ecoplan ENGENHARIA

Escalas V = 1:5.000 H = 1:50.000	Rodovia: BR 163 Trecho: Divisa MT/PA - Entroncamento BR 163/BR 230
Data OUT/2002	ANTEPROJETO GEOMÉTRICO km 542,5 ao km 560,0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569+000
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572+000
573+000
574+000
575+000
576+000
577+000
Rio Jari
Rio São Joaquim
Rio Heitor
S9
S10
S11
S14
S7
S8
32/33
33/34
N

400
380
360
340
320
300
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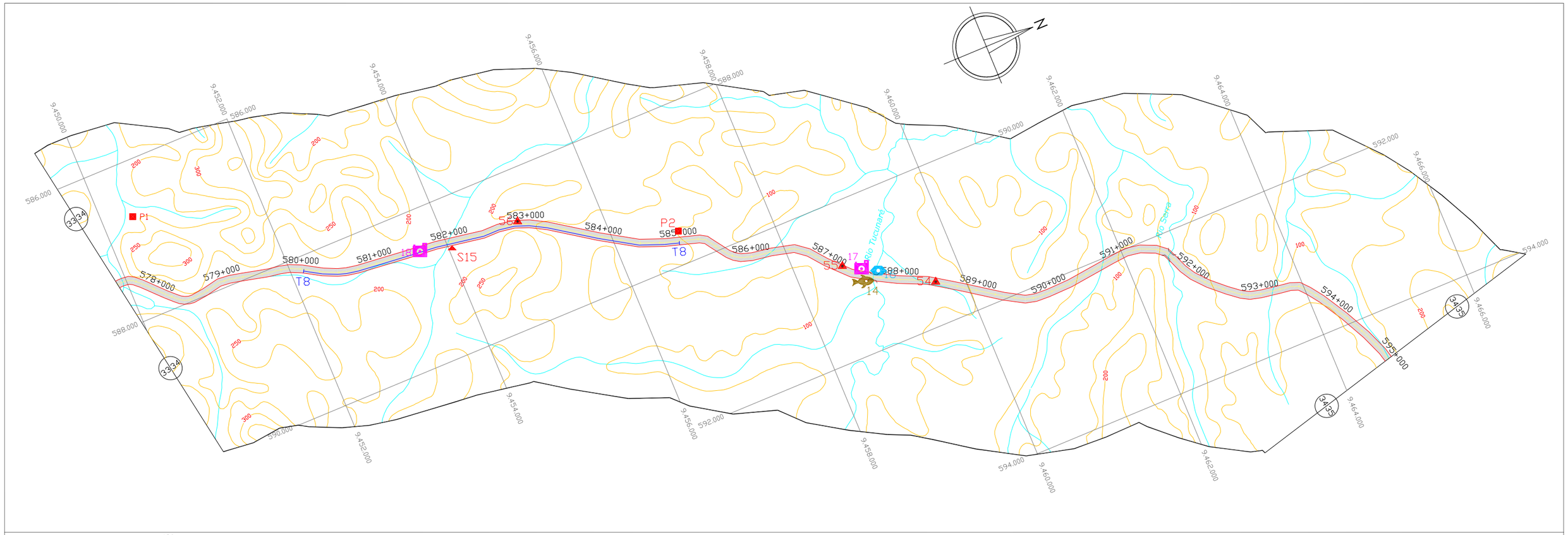
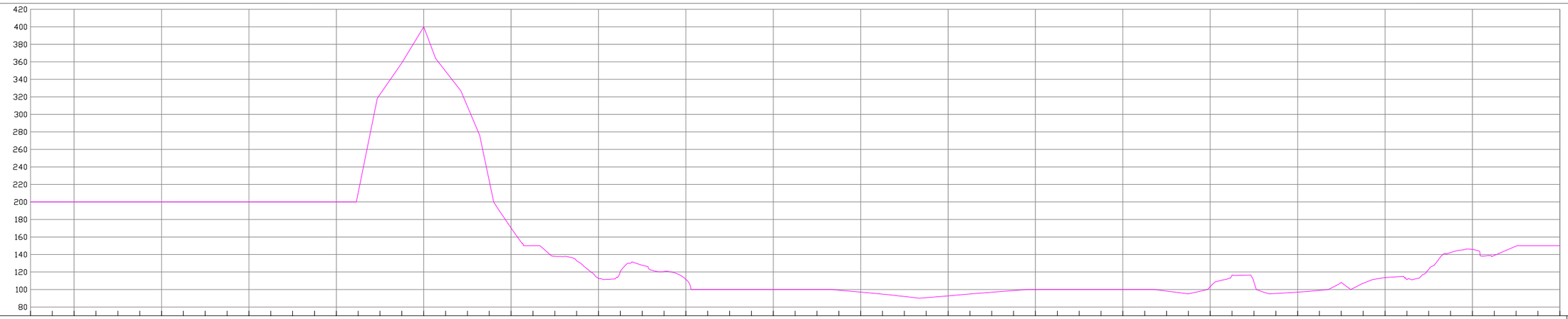
140
120
100
80
60

| | | |





| COTAS (m) EIXO LOCADO | | |

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595+000
596+000
597+000
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S20
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S2
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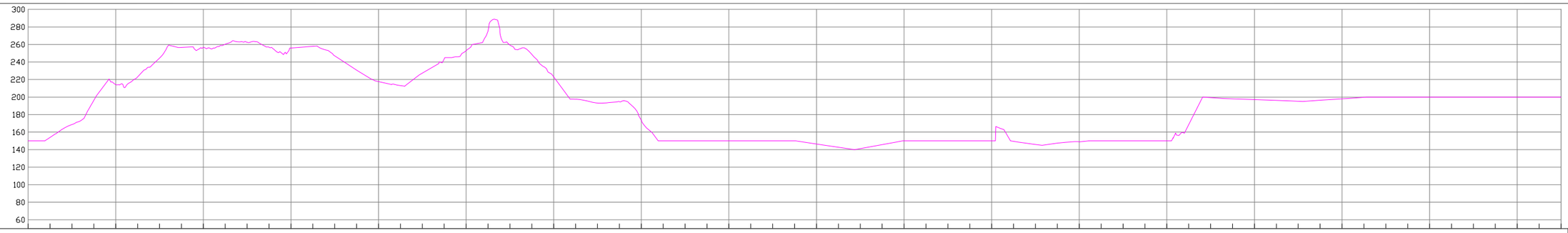
T7
Rio Itabaral
Rio Bau
34/35
35/36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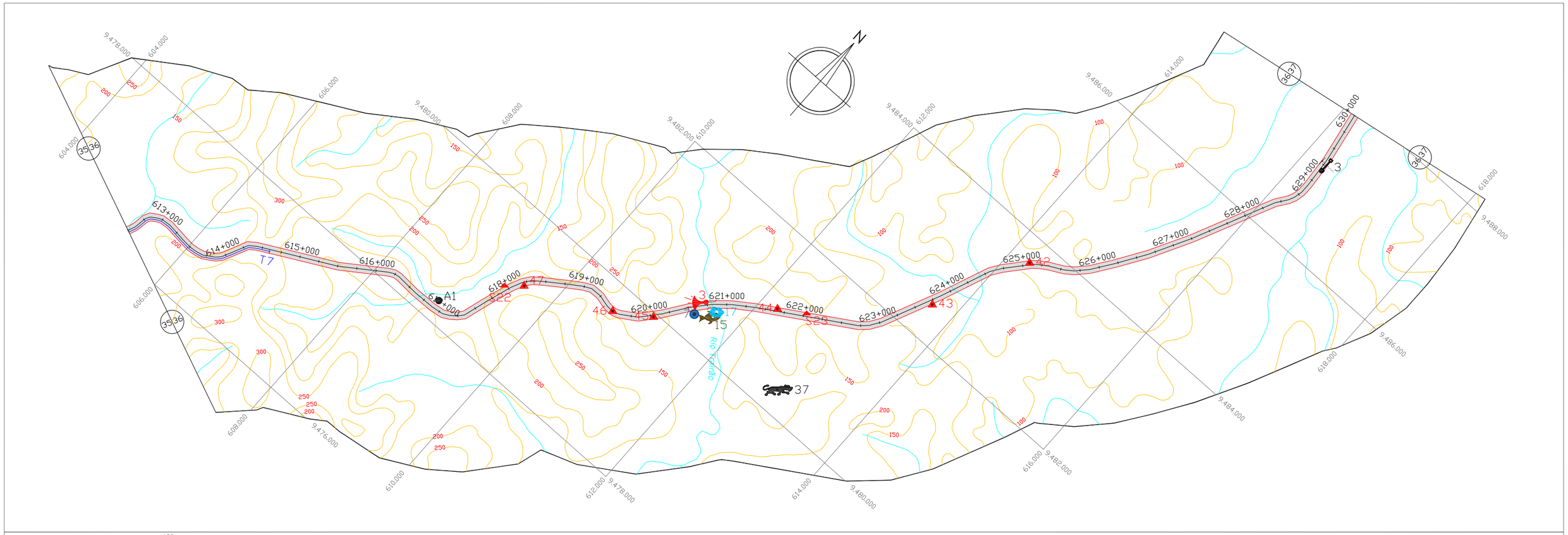
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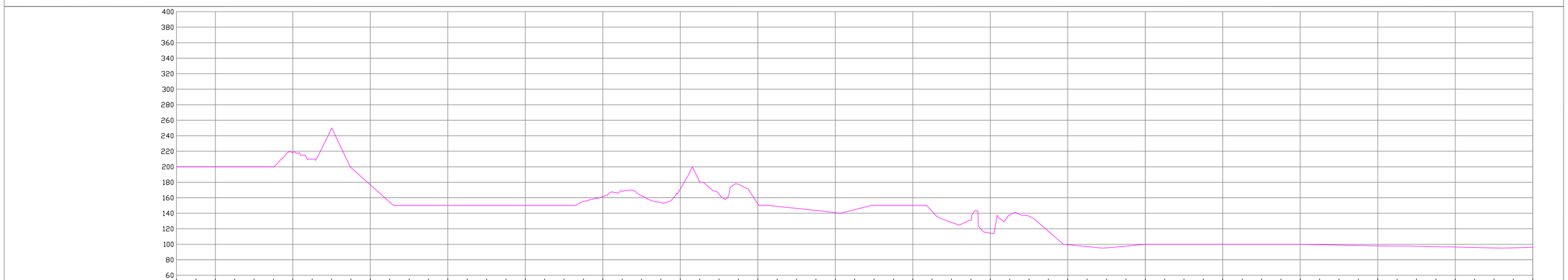
T7
A1
Rio Tapajós
3536
3637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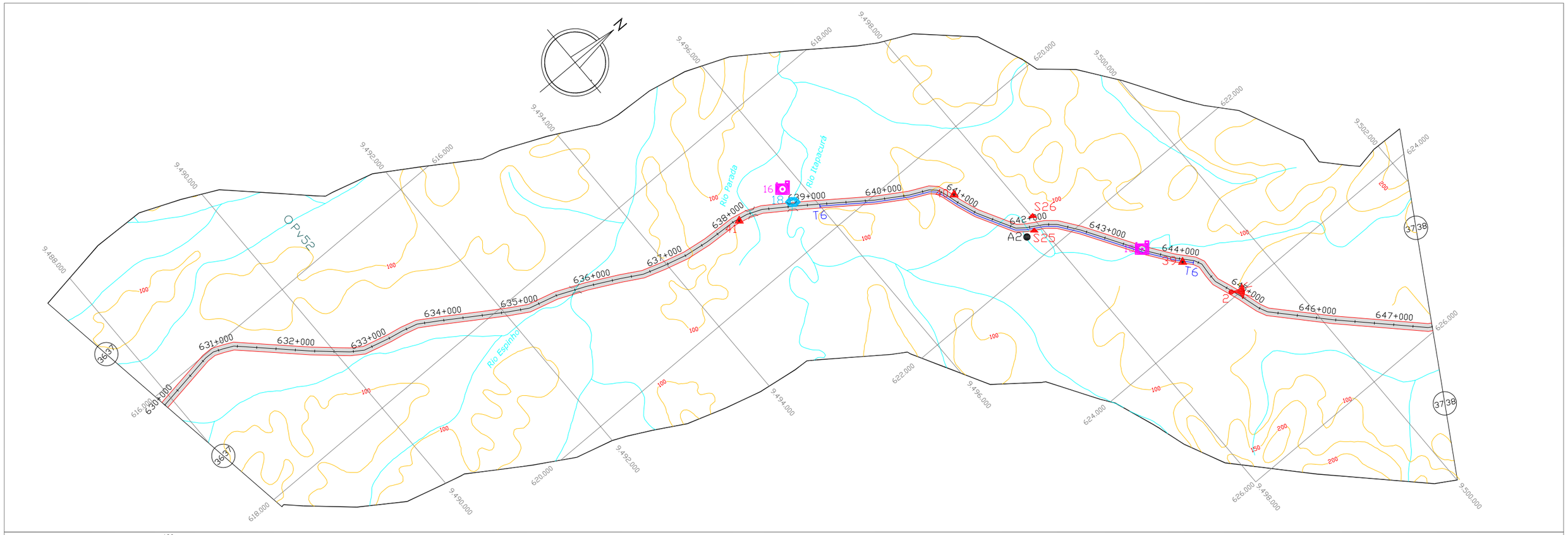

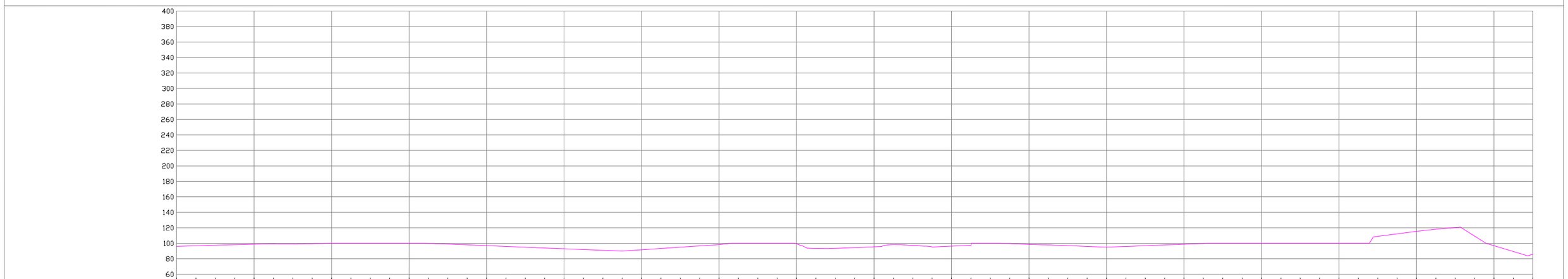

| COTAS (m) EIXO LOCADO | | |

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Rio Itapecuzinho
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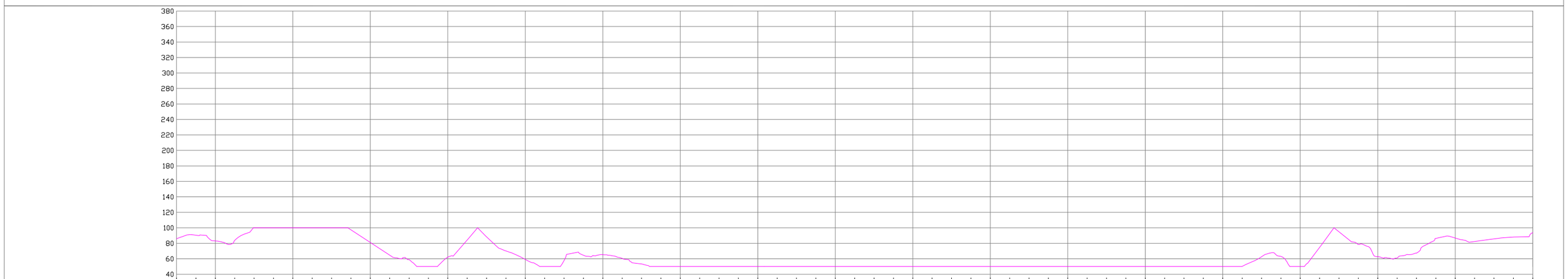
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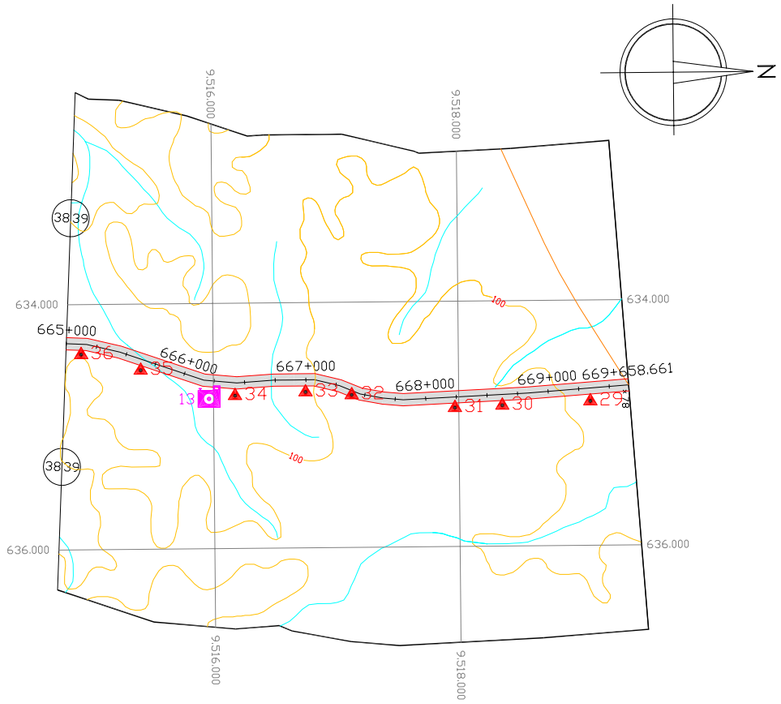
N
9.516.000
9.518.000
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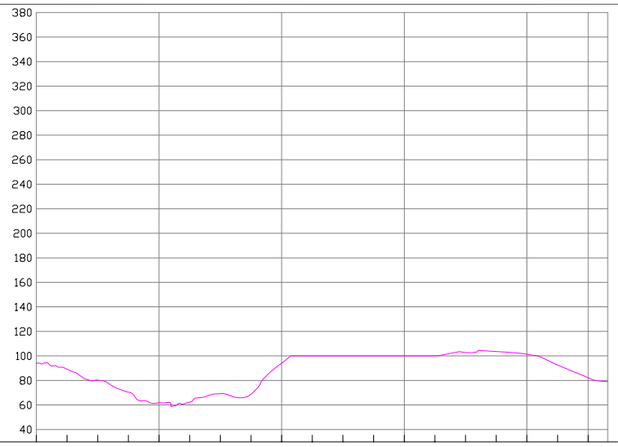
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60
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| | | |