ESTADO DO RIO GRANDE DO SUL
PREFEITURA MUNICIPAL DE LAJEADO/RS
COORDENADORIA DE PROJETOS ESPECIAIS

PROJETO BÁSICO DE INFRAESTRUTURA
VIAS MARGINAIS E ACESSOS A ERS 130

RODOVIA: ERS 130

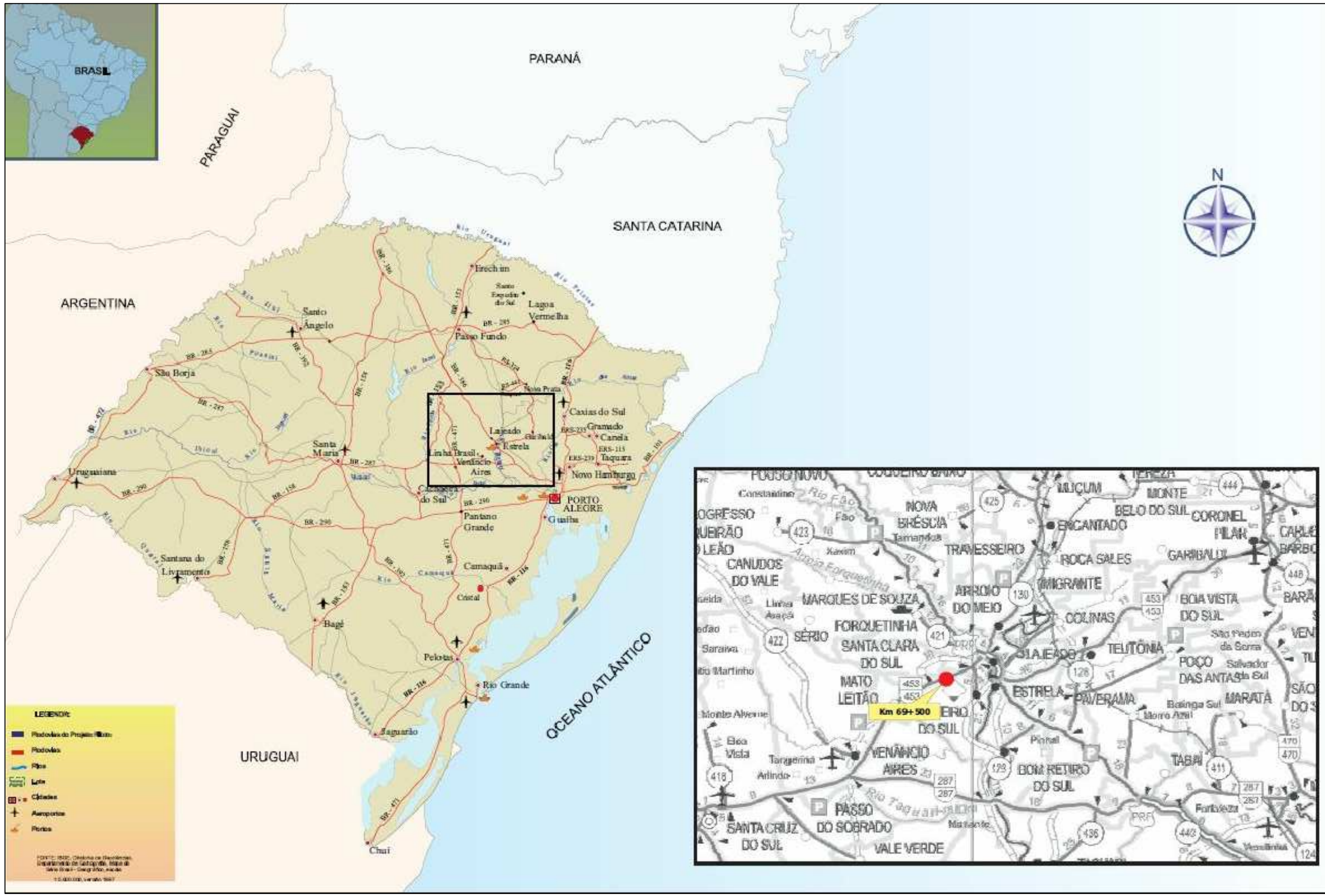
TRECHO: Entr. RSC-453 (A) (p/ Venâncio Aires) – Entr. ERS-129 (p/ Roca Sales)

SEGMENTO: km 69+430 ao km 70+900

EXTENSÃO: 1,47 km

VOLUME I – RELATÓRIO DE PROJETO

SETEMBRO/2021



Legenda:

Controle de revisões:

nº ordem	desc. da alteração	data	resp. alt.	aprov.

PREFEITURA MUNICIPAL DE LAJEADO

Data: SET/21	LOCAL: IMPLANTAÇÃO DE VIAS MARGINAIS ERS 130 - TRECHO LAJEADO TRECHO: Entr. RSC-453 (A) (p/ Venâncio Aires) – Entr. ERS-129 (p/ Roca Sales) km 69+430 ao km 70+900 EXTENSÃO: 1,47 km ÁREA TOTAL: 31.616,00m²	Resp. Técnico: _____	Prefeitura Municipal: _____
Escala: SEM ESC.	Título: PROJETO EXECUTIVO DE PAVIMENTAÇÃO - INFRAESTRUTURA URBANA	Assunto: MAPA DE SITUAÇÃO E LOCALIZAÇÃO	Projeto: Pranchas: 01



Legenda

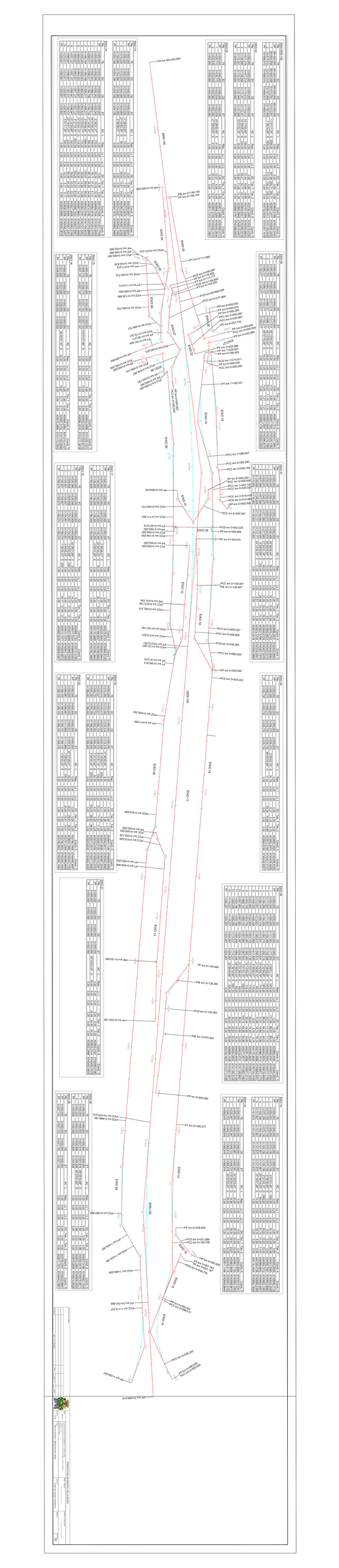
Controle de revisões

nº rev.	descrição da alteração	data	resp. alt.	aprov.

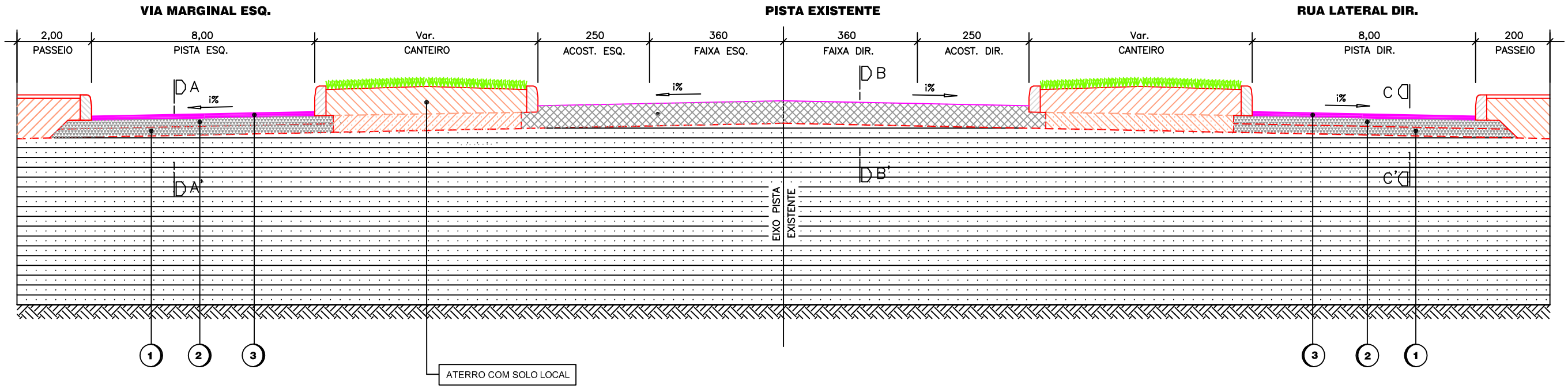
PREFEITURA MUNICIPAL DE LAJEADO

data: 5/2021	LOCAL: IMPLANTAÇÃO DE VIAS MARGINAIS ERS 130 - TRECHO LAJEADO TRECHO: Entr. RSC-453 (A) (p/ Venâncio Aires) – Entr. ERS-129 (p/ Roca Sales) km 69+430 ao km 70+900 EXTENSÃO: 1,47 km ÁREA TOTAL: 31.616,00m²	Resp. Técnico:	Prefeitura Municipal
escala: S/ESC.	título: PROJETO BÁSICO DE PAVIMENTAÇÃO - INFRAESTRUTURA	Assunto: PLANTA DE SITUAÇÃO DO EMPREENDIMENTO	Projeto:	Prancha: 02

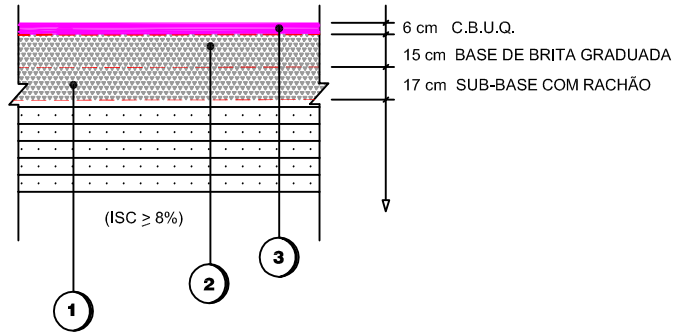

AV. LATERAL
AV. LATERAL
AV. LATERAL


EIXO 01
EIXO 02
EIXO 03
EIXO 04
EIXO 05
EIXO 06
EIXO 07
EIXO 08
EIXO 09
EIXO 10
EIXO 11
EIXO 12
EIXO 13
EIXO 14
EIXO 15
EIXO 16
EIXO 17
EIXO 18
EIXO 19
EIXO 20
EIXO

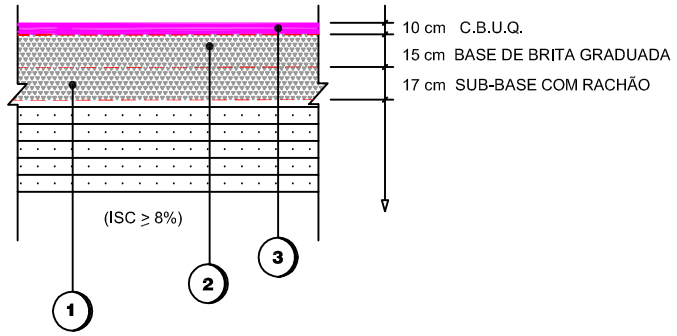
IMPLANTAÇÃO E RETIFICAÇÃO DE PISTA PRINCIPAL DA ERS 130



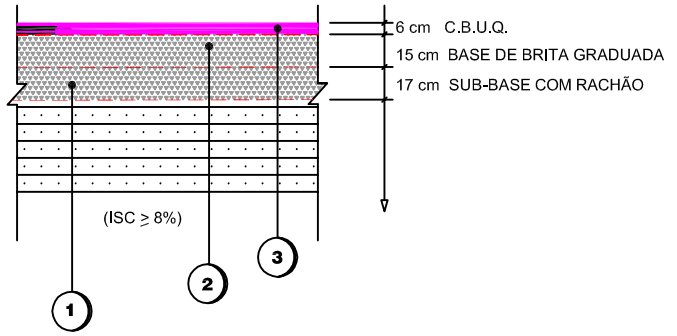
CORTE A-A'



CORTE B-B' - RETIFICAÇÃO DA PISTA PRINCIPAL ERS 130



CORTE C-C'



	CONVENÇÃO	ESPESSURA (cm)
A	**ESTRUTURA PAVIMENTO VIAS MARGINAIS**	
1	SUB–BASE COM CAMADA DE RACHÃO	17
2	BASE DE BRITA GRADUADA	15
3	CAMADA DE C.B.U.Q.	6

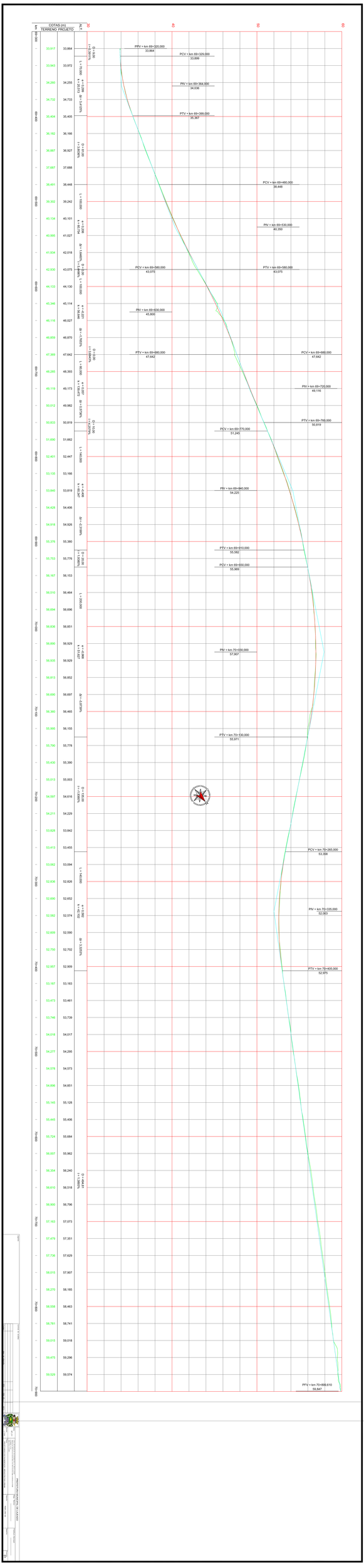
Legenda:

Controle de revisões:

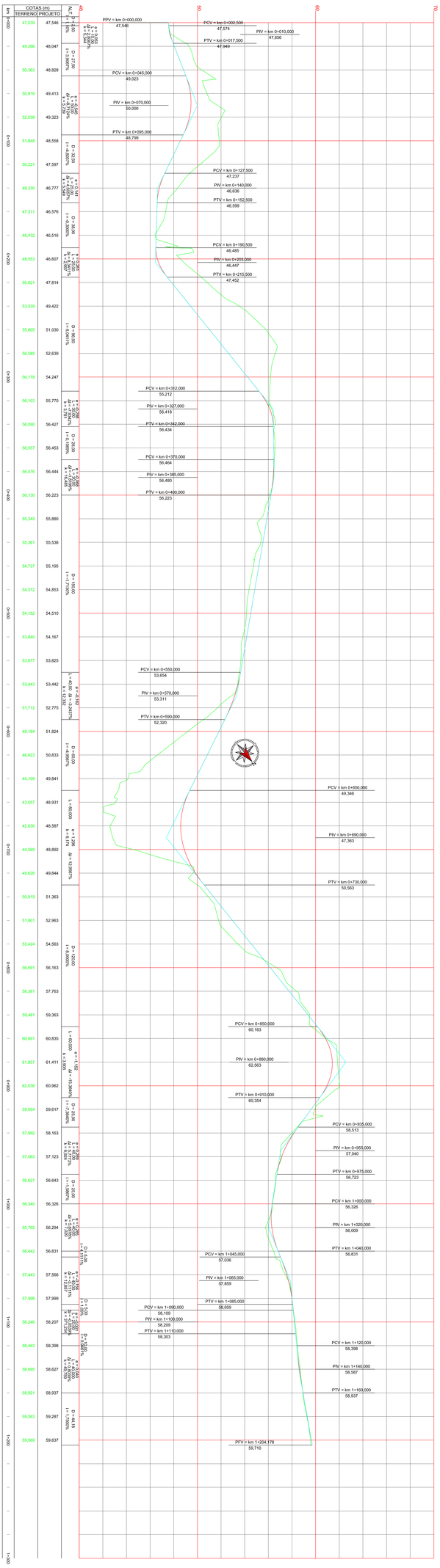
nº ordem	desc. da alteração	data	resp. alt.	aprov.

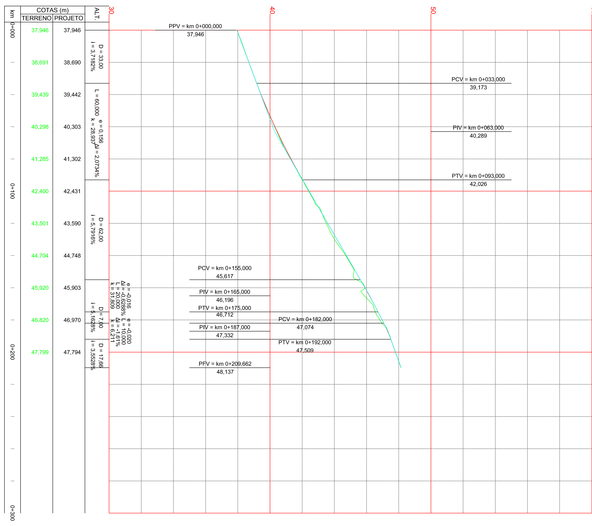
PREFEITURA MUNICIPAL DE LAJEADO

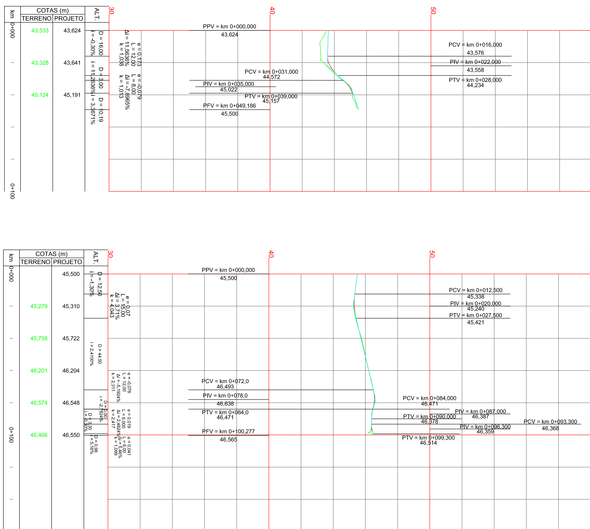
Data: SET/21	LOCAL: IMPLANTAÇÃO DE VIAS MARGINAIS ERS 130 - TRECHO LAJEADO TRECHO: Entr. RSC-453 (A) (p/ Venâncio Aires) – Entr. ERS-129 (p/ Roca Sales) km 69+430 ao km 70+900 EXTENSÃO: 1,47 km ÁREA TOTAL: 31.616,00m²	**Resp. Técnico:**	**Prefeitura Municipal:**
Escala: 1/1000	**Título:** PROJETO DE PAVIMENTAÇÃO - INFRAESTRUTURA	**Assunto:** SEÇÃO TIPO DE PAVIMENTAÇÃO	**Desenho:** / **Prancha:** 01

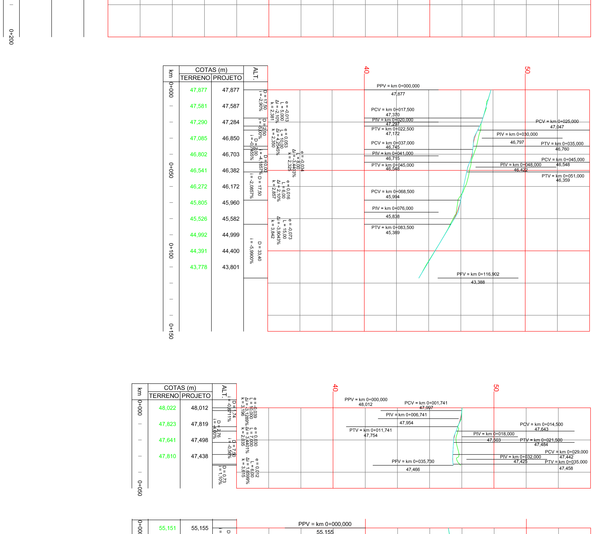


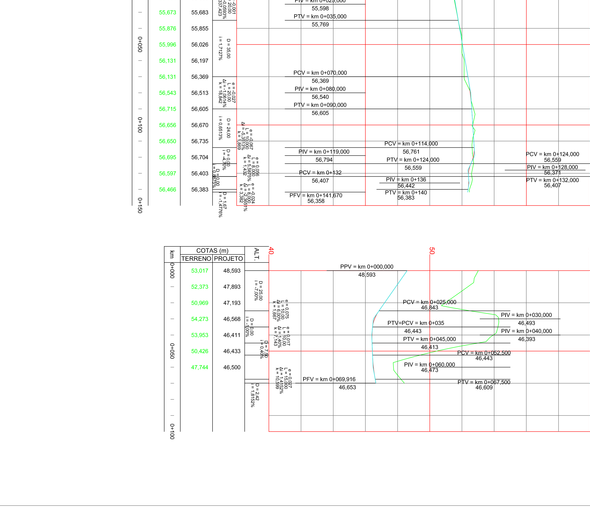
COTAS (m)
TERRENO
PROJETO
km
ALT.
PPV = km 69+320,000
33,864
PCV = km 69+329,000
33,899
PIV = km 69+364,000
34,036
PTV = km 69+399,000
35,367
PCV = km 69+480,000
38,448
PIV = km 69+530,000
40,350
PCV = km 69+580,000
43,075
PTV = km 69+580,000
43,075
PIV = km 69+630,000
45,800
PTV = km 69+680,000
47,642
PCV = km 69+680,000
47,642
PIV = km 69+720,000
49,116
PTV = km 69+760,000
50,819
PCV = km 69+770,000
51,245
PIV = km 69+840,000
54,225
PTV = km 69+910,000
55,582
PCV = km 69+930,000
55,969
PIV = km 70+000,000
57,907
PTV = km 70+130,000
55,971
PCV = km 70+265,000
53,358
PIV = km 70+335,000
52,093
PTV = km 70+405,000
52,975
PTV = km 70+859,610
59,847


COTAS (m)
TERRENO
PROJETO
km
40
50
60
70
PPV = km 0+000,000
47,546
PCV = km 0+002,500
47,574
PIV = km 0+010,000
47,656
PTV = km 0+017,500
47,949
PCV = km 0+045,000
49,023
PIV = km 0+070,000
50,000
PTV = km 0+095,000
48,799
PCV = km 0+127,500
47,237
PIV = km 0+140,000
46,636
PTV = km 0+152,500
46,599
PCV = km 0+190,500
46,485
PIV = km 0+203,000
46,447
PTV = km 0+215,500
47,452
PCV = km 0+312,000
55,212
PIV = km 0+327,000
56,418
PTV = km 0+342,000
56,434
PCV = km 0+370,000
56,464
PIV = km 0+385,000
56,480
PTV = km 0+400,000
56,223
PCV = km 0+550,000
53,654
PIV = km 0+570,000
53,311
PTV = km 0+590,000
52,320
PCV = km 0+650,000
49,346
PIV = km 0+690,000
47,363
PTV = km 0+730,000
50,563
PCV = km 0+850,000
60,163
PIV = km 0+880,000
62,563
PTV = km 0+910,000
60,354
PCV = km 0+935,000
58,513
PIV = km 0+955,000
57,040
PTV = km 0+975,000
56,723
PCV = km 1+000,000
56,326
PIV = km 1+020,000
56,009
PTV = km 1+040,000
56,831
PCV = km 1+045,000
57,036
PIV = km 1+055,000
57,859
PTV = km 1+065,000
58,059
PCV = km 1+090,000
58,109
PIV = km 1+100,000
58,209
PTV = km 1+110,000
58,303
PCV = km 1+120,000
58,398
PIV = km 1+140,000
58,587
PTV = km 1+160,000
58,937
PIV = km 1+204,178
59,710
Perfil do(a) Eixo9

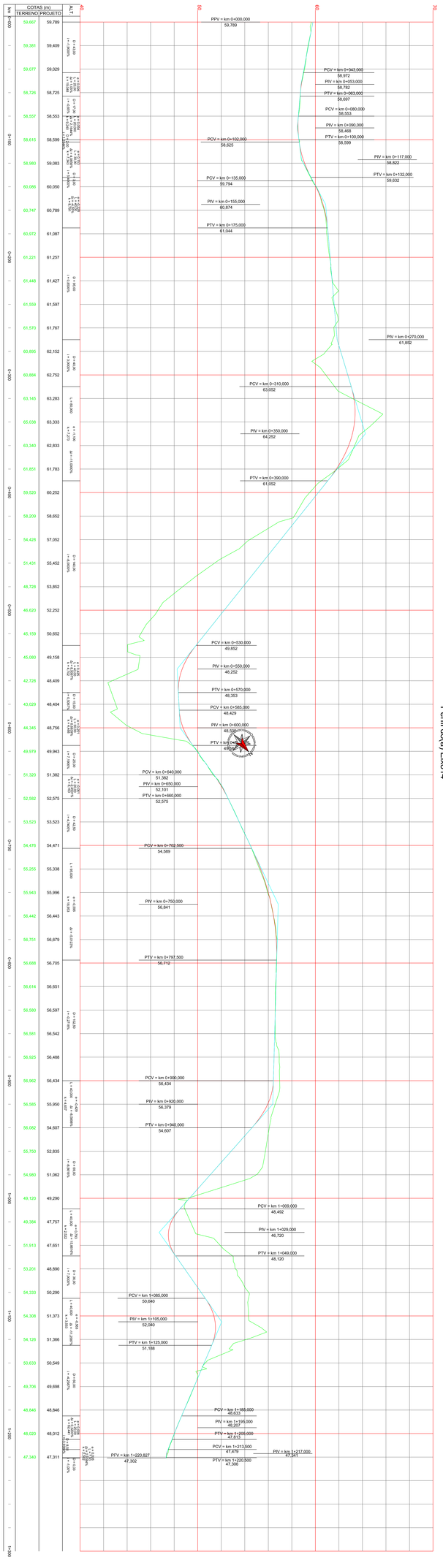




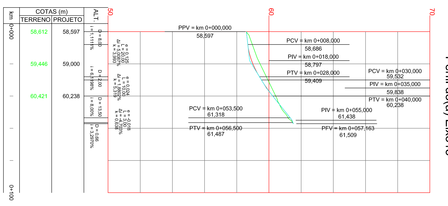




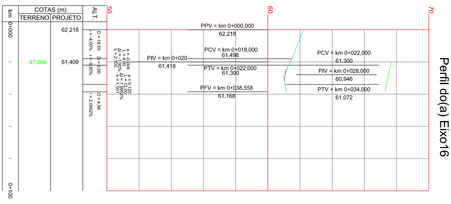
PREFEITURA MUNICIPAL DE CACHOEIRO


Km
COTAS (m)
TERRENO PROJETO
ALT
50
55
60
70
PPV = km 0+000,000
59,789
PCV = km 0+043,000
56,972
PIV = km 0+053,000
56,782
PTV = km 0+063,000
56,697
PCV = km 0+080,000
56,553
PIV = km 0+090,000
56,468
PTV = km 0+100,000
56,599
PCV = km 0+102,000
58,625
PIV = km 0+117,000
58,822
PTV = km 0+132,000
59,632
PCV = km 0+135,000
59,794
PIV = km 0+155,000
60,874
PTV = km 0+175,000
61,044
PIV = km 0+270,000
61,852
PCV = km 0+310,000
63,052
PIV = km 0+350,000
64,252
PTV = km 0+390,000
61,052
PCV = km 0+530,000
49,852
PIV = km 0+550,000
48,252
PTV = km 0+570,000
48,353
PCV = km 0+585,000
48,429
PIV = km 0+600,000
48,506
PTV = km 0+615,000
48,582
PCV = km 0+640,000
51,382
PIV = km 0+650,000
52,101
PTV = km 0+660,000
52,575
PCV = km 0+702,500
54,589
PIV = km 0+750,000
56,841
PTV = km 0+797,500
56,712
PCV = km 0+900,000
56,434
PIV = km 0+920,000
56,379
PTV = km 0+940,000
54,607
PCV = km 1+009,000
48,462
PIV = km 1+029,000
46,720
PTV = km 1+049,000
48,120
PCV = km 1+085,000
50,680
PIV = km 1+105,000
52,080
PTV = km 1+125,000
51,188
PCV = km 1+185,000
48,632
PIV = km 1+195,000
45,207
PTV = km 1+205,000
47,813
PCV = km 1+213,000
47,479
PIV = km 1+217,000
47,341
PTV = km 1+220,000
47,306
PIV = km 1+220,827
47,302
Perfil do(a) Eixo14

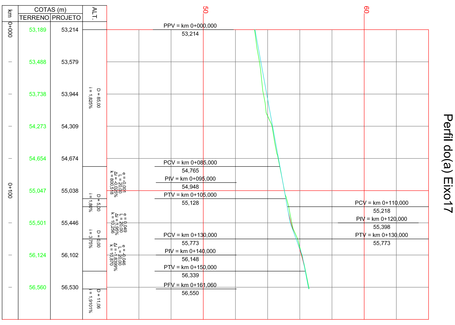
Perfil do(a) Eixo15



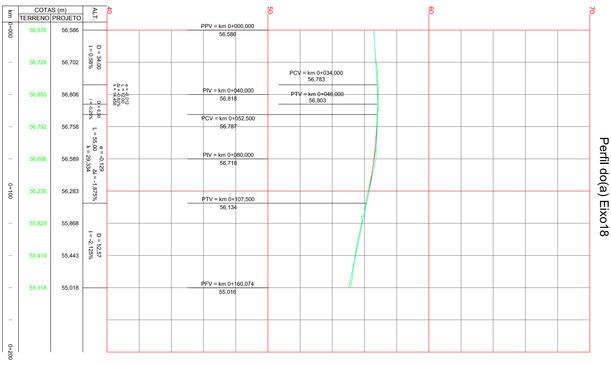
Perfil do(a) Eixo16



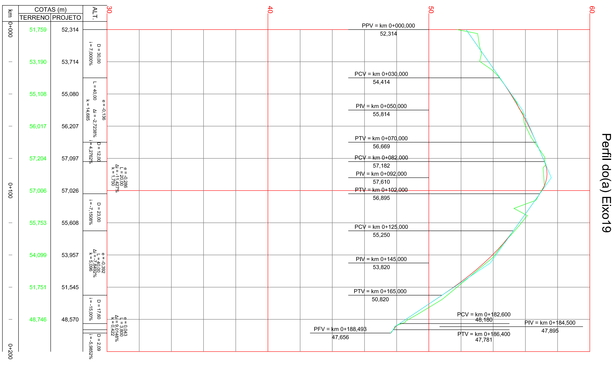
Perfil do(a) Eixo17



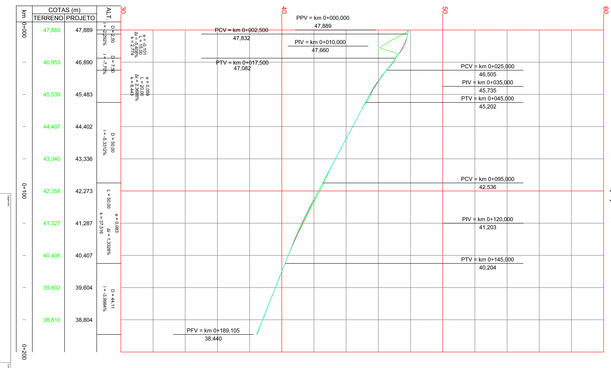
Perfil do(a) Eixo18



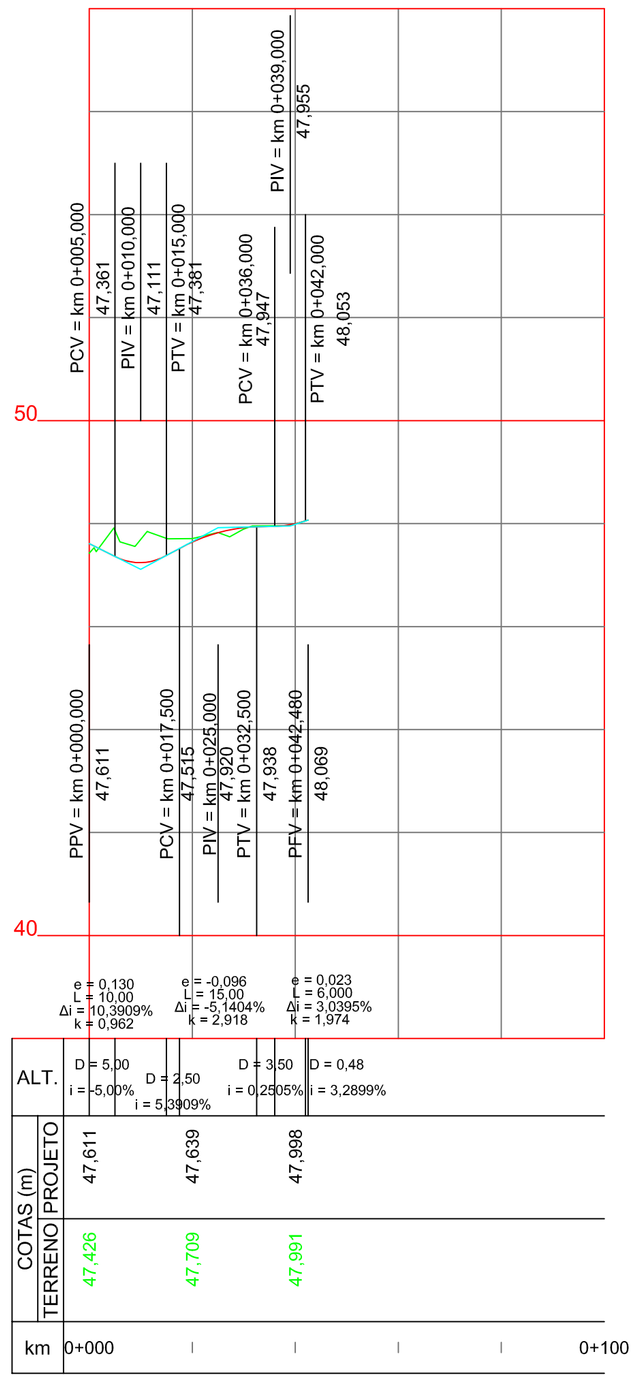
Perfil do(a) Eixo19



Perfil do(a) Eixo20



Perfil do(a) Eixo21



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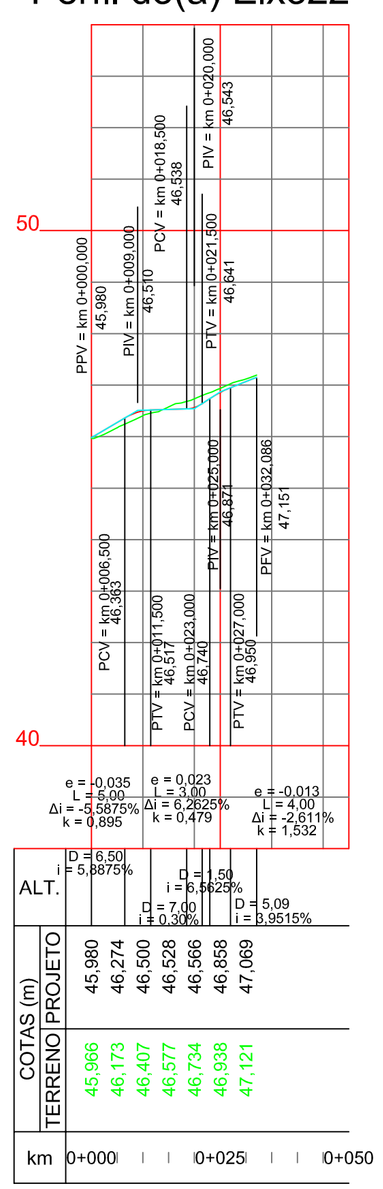
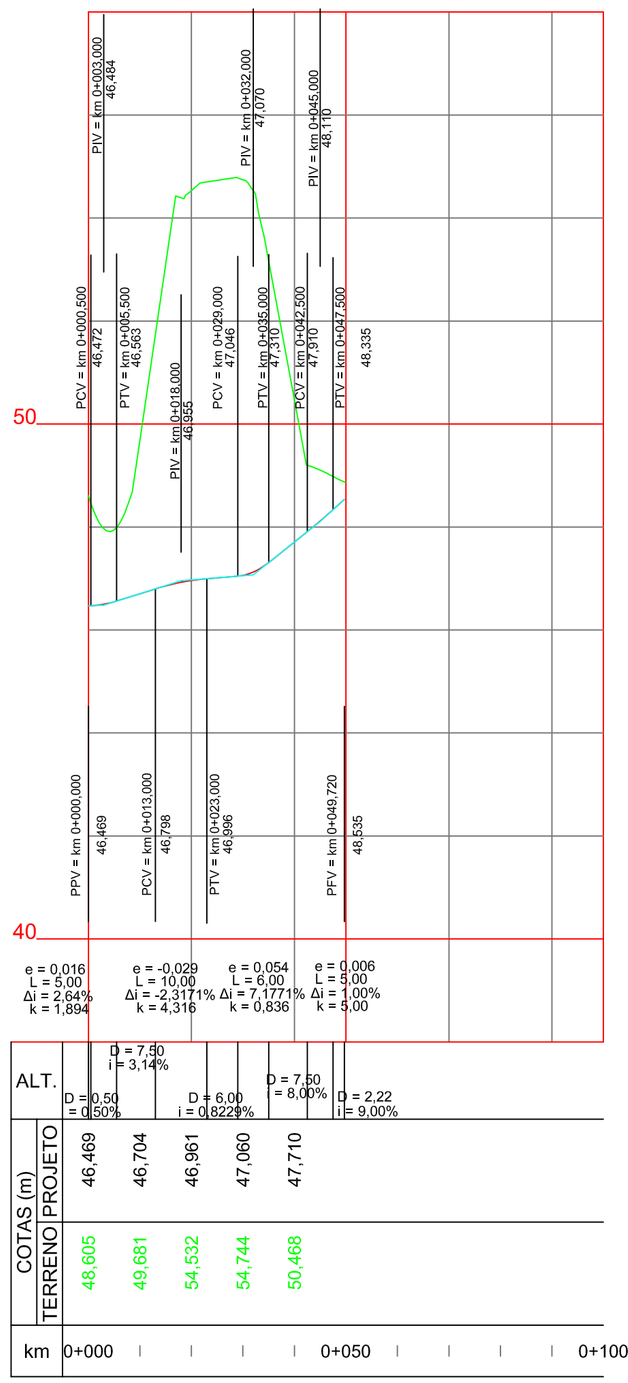
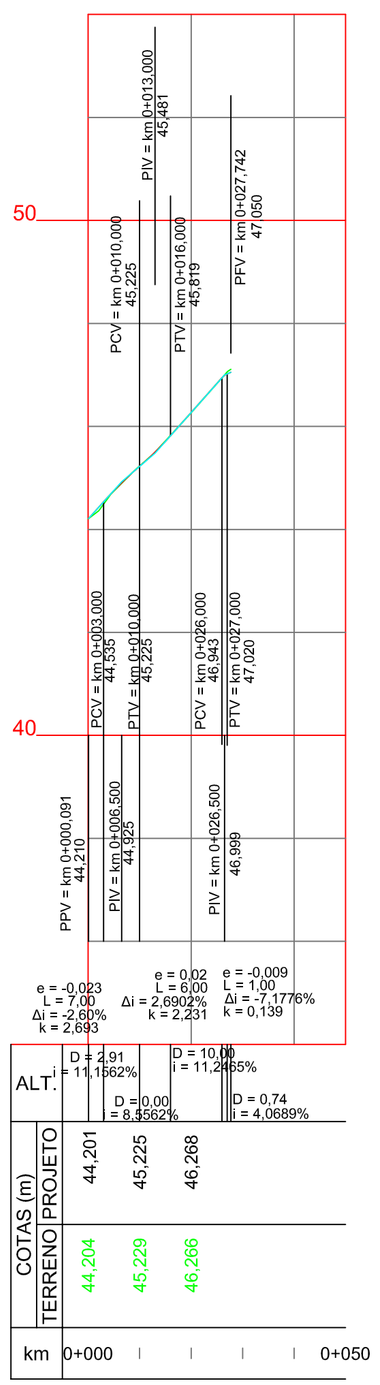


Perfil do(a) Eixo26



Perfil do(a) Eixo28



Legenda:

Controle de revisões:

nº revisão	descr. da alteração	data	resp. téc.	aprov.

PREFEITURA MUNICIPAL DE LAJEADO

Data: SET./21

LOCAL: EXPLANTAÇÃO DE VIAS NARCISMEIER ENTRE TRÊS RIOS E LAJEADO
TRECHO: Entr. RS/453 (A) (p/ Travessão Alves) e Entr. ERS-129 (p/ Roca Sales) km 0+000 ao km 1+940
ÁREA TOTAL: 11,4 hectares
ÁREA TOTAL: 11,4 hectares

Resp. Técnico

Prefeitura Municipal:

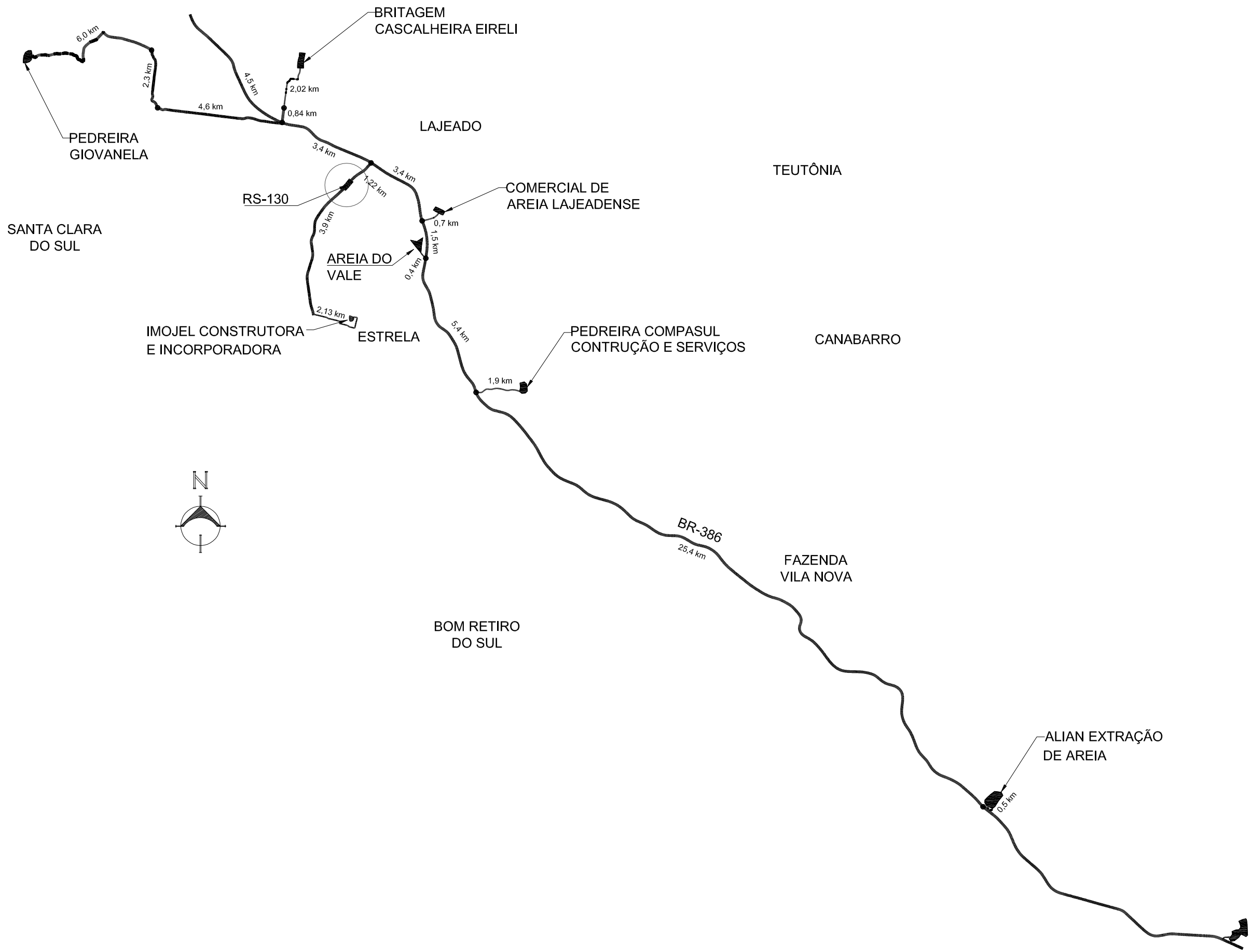
Escala: 1/1000

Título: PROJETO BÁSICO DE PAVIMENTAÇÃO e INFRAESTRUTURA URBANA

Assunto: PERFIL EIXO 21,22,26 E 28

Desenho:

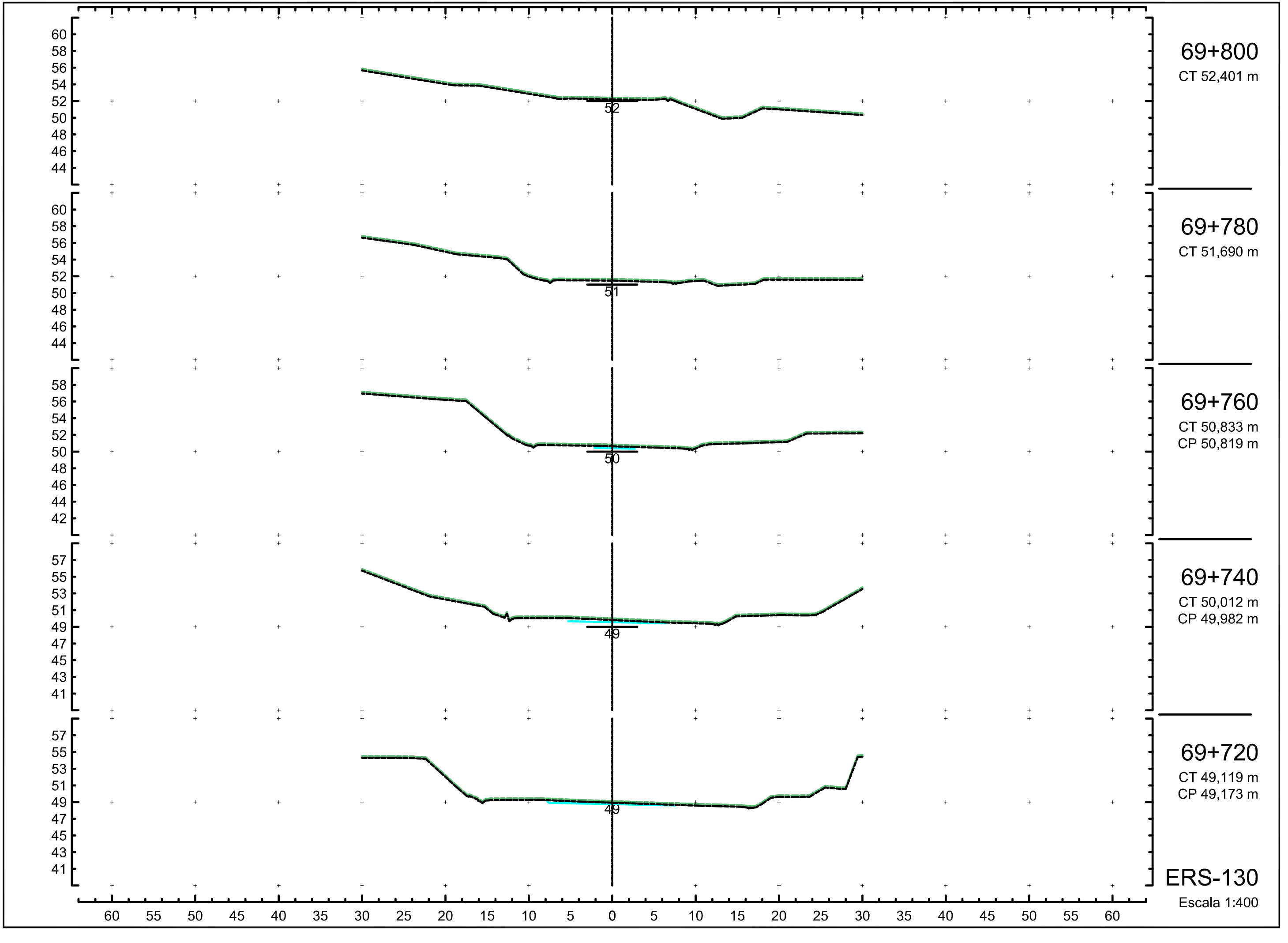
Prancha: 06

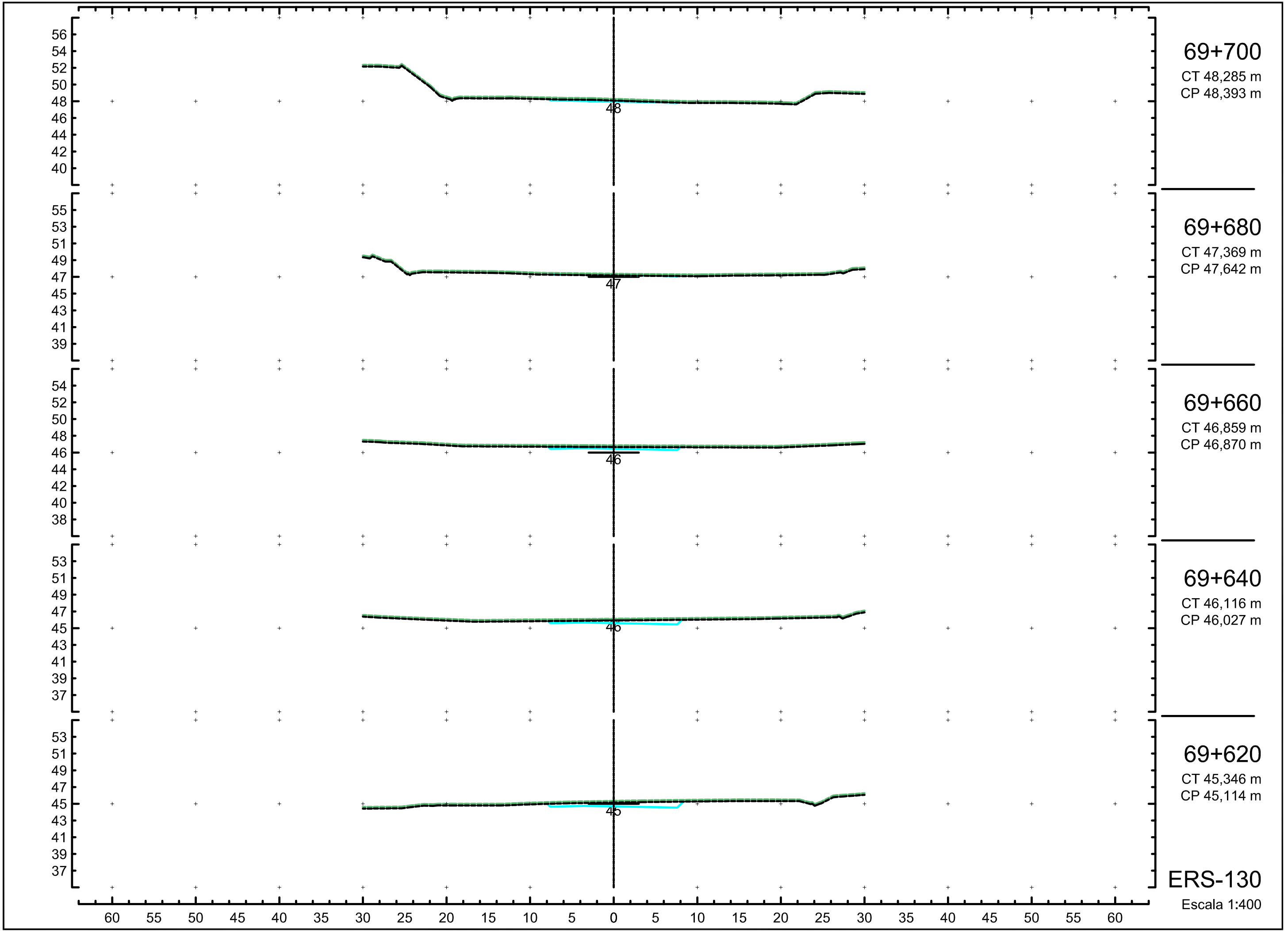


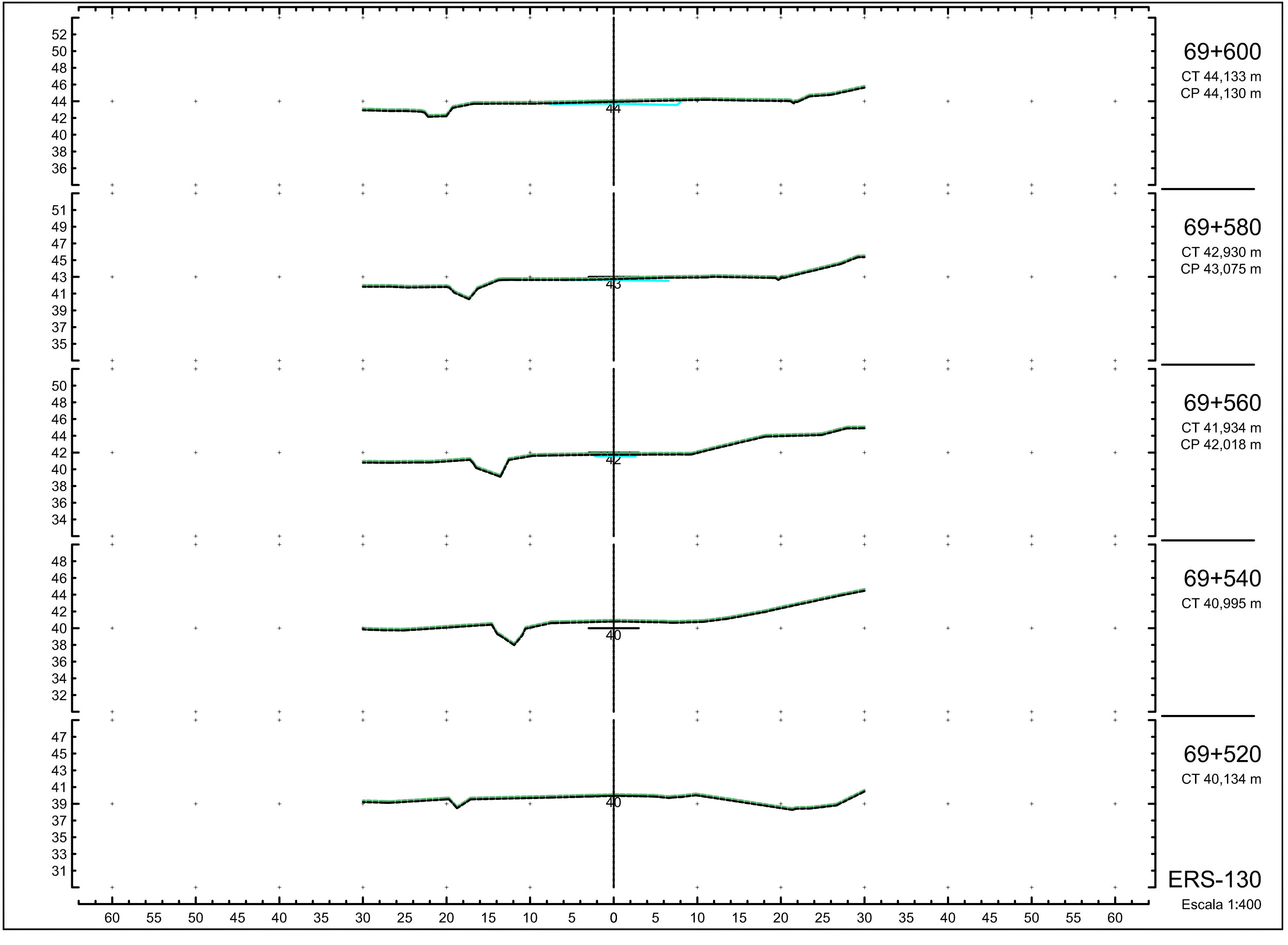
Legenda:	Quadro de revisões:			
Escala:	descrição	data	resp. téc.	aprov.

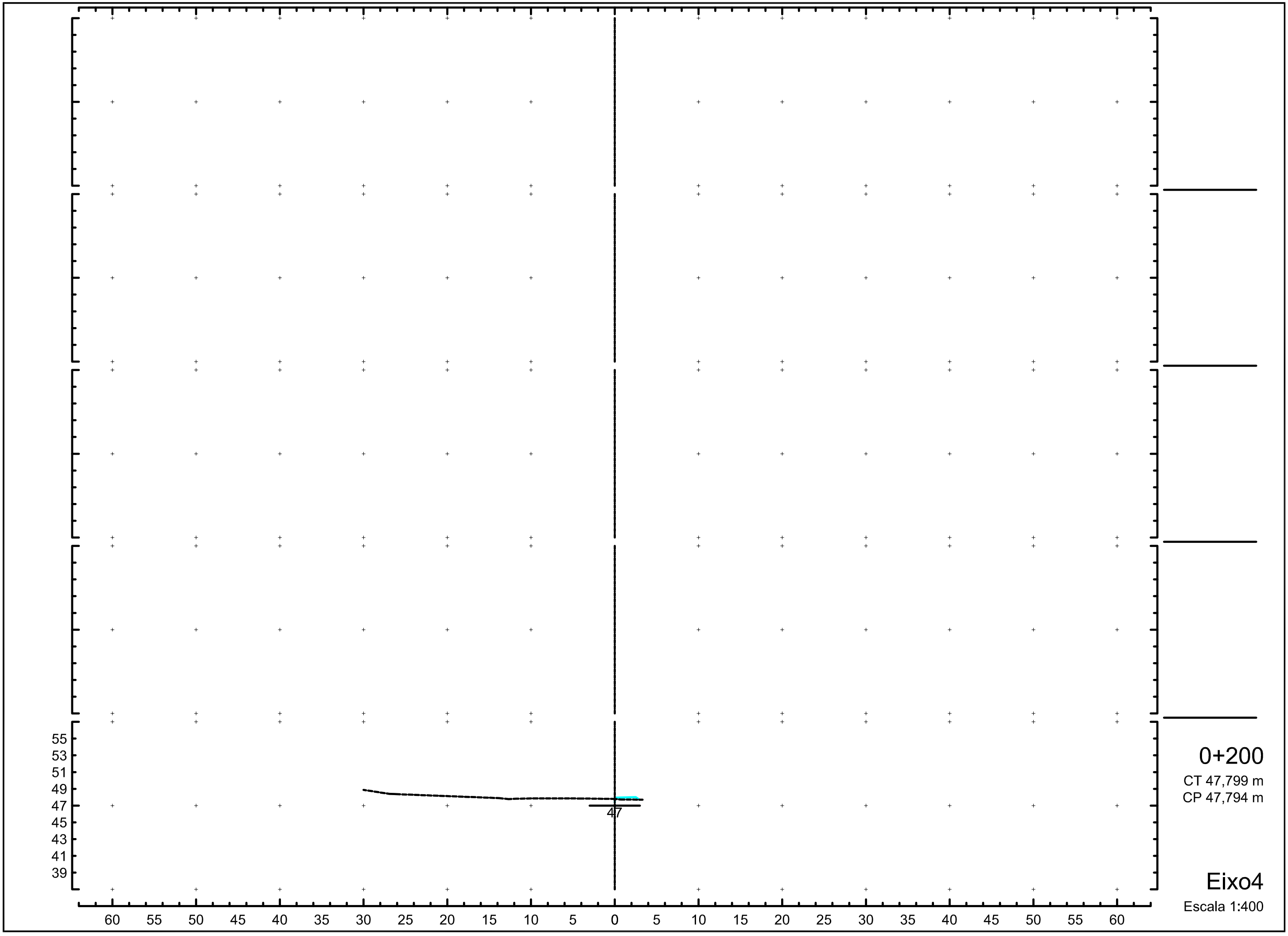
PREFEITURA MUNICIPAL DE LAJEADO

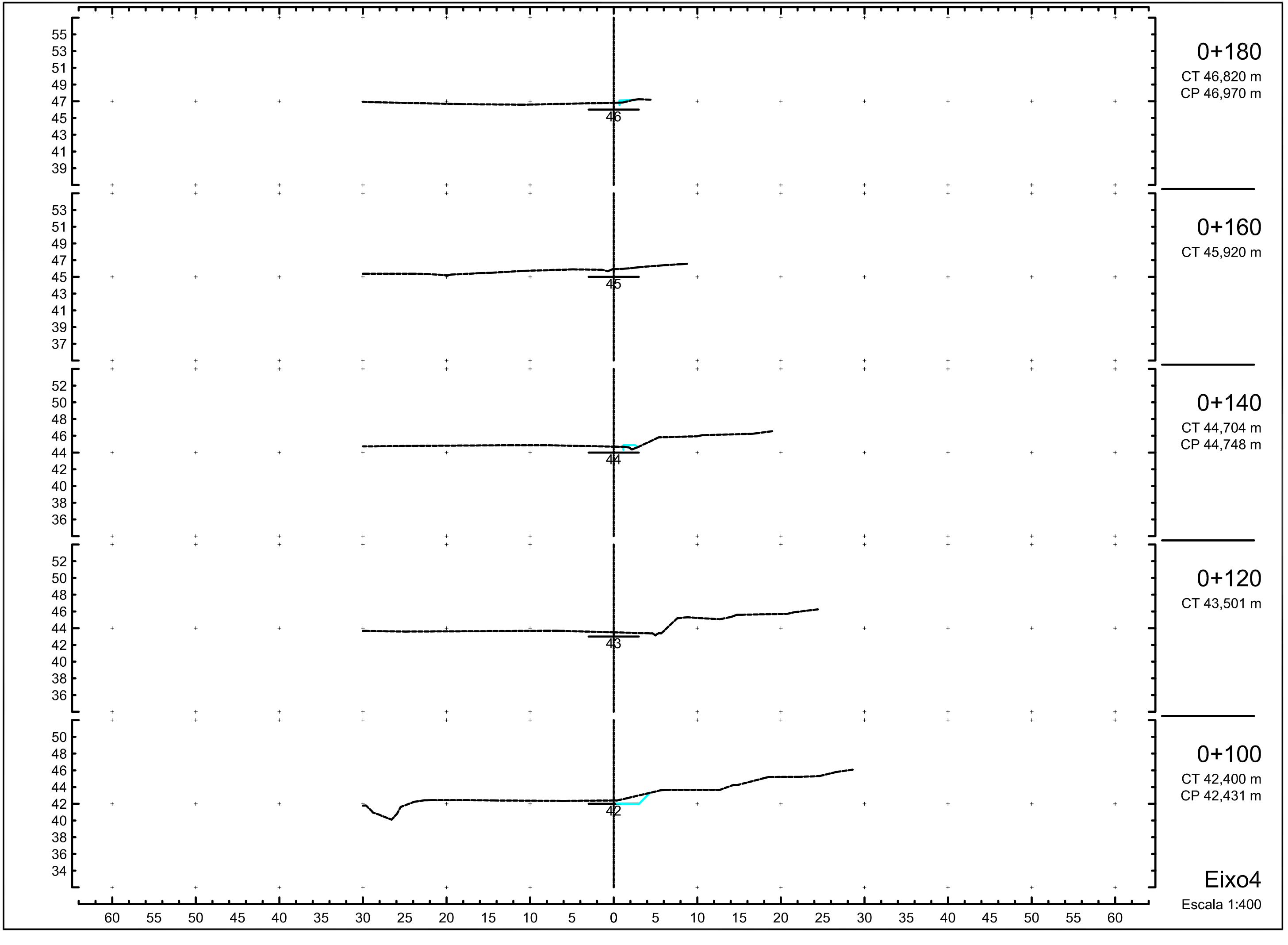
Data: 5_/21	LOCAL: IMPLANTAÇÃO DE VIAS MARGINAIS ERS 130 - TRECHO LAJEADO TRECHO: Entr. RSC-453 (A) (p/ Venâncio Aires) – Entr. ERS-129 (p/ Roca Sales) km 69+430 ao km 70+900 EXTENSÃO: 1,47 km ÁREA TOTAL: 31.616,00m²	Resp. Técnico:	Prefeitura Municipal
Escala: 1/1000	Título: PROJETO BÁSICO DE PAVIMENTAÇÃO - INFRAESTRUTURA	Assunto: CROQUI DE LOCALIZAÇÃO DOS MATERIAIS	Projeto:	Prancha: 01

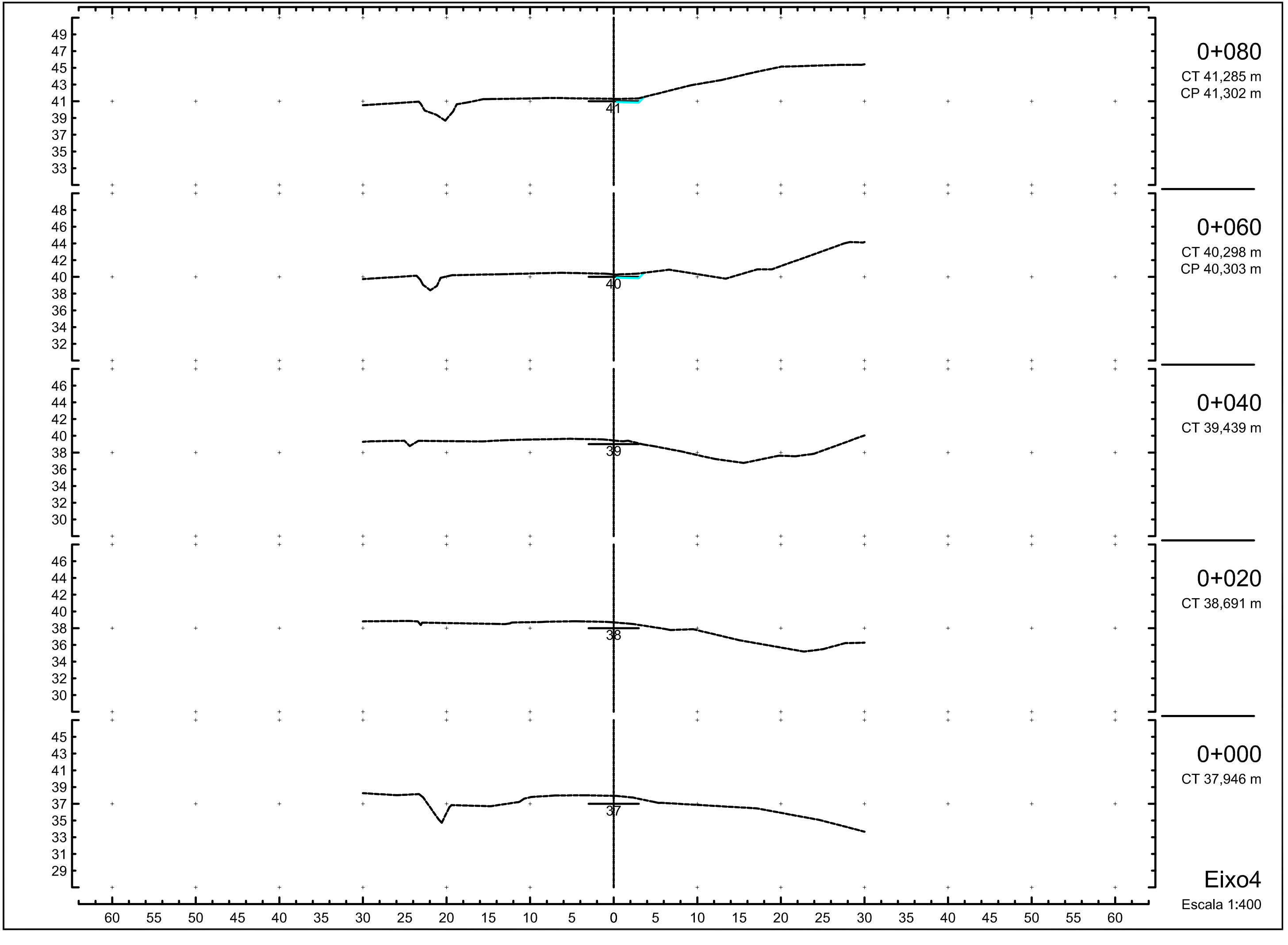

69+800
CT 52,401 m
52
69+780
CT 51,690 m
51
69+760
CT 50,833 m
CP 50,819 m
50
69+740
CT 50,012 m
CP 49,982 m
49
69+720
CT 49,119 m
CP 49,173 m
49
ERS-130
Escala 1:400

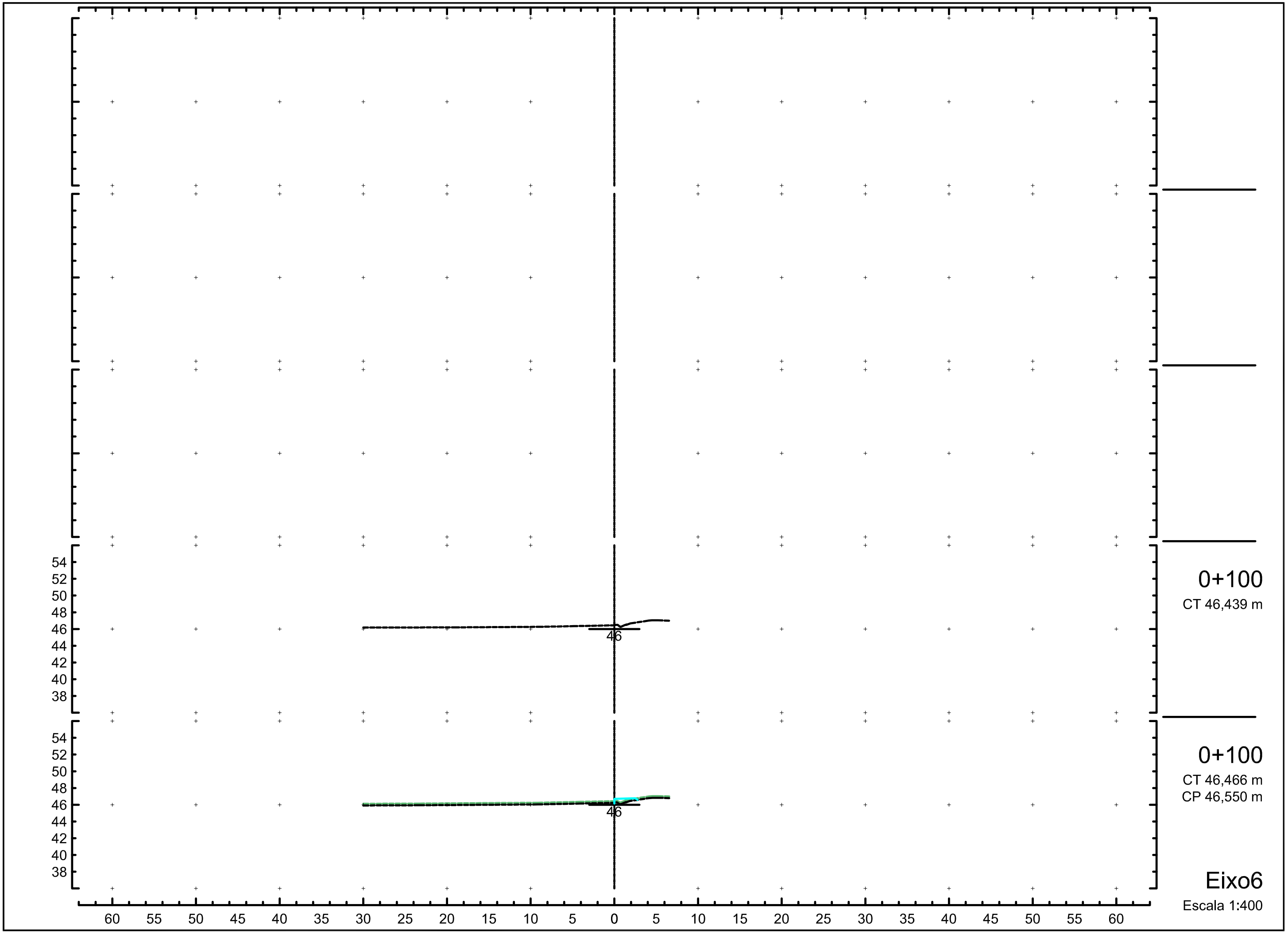

69+700
CT 48,285 m
CP 48,393 m
69+680
CT 47,369 m
CP 47,642 m
69+660
CT 46,859 m
CP 46,870 m
69+640
CT 46,116 m
CP 46,027 m
69+620
CT 45,346 m
CP 45,114 m
ERS-130
Escala 1:400


69+600
CT 44,133 m
CP 44,130 m
69+580
CT 42,930 m
CP 43,075 m
69+560
CT 41,934 m
CP 42,018 m
69+540
CT 40,995 m
69+520
CT 40,134 m
ERS-130
Escala 1:400


55
53
51
49
47
45
43
41
39
47
60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60
0+200
CT 47,799 m
CP 47,794 m
Eixo4
Escala 1:400


0+180
CT 46,820 m
CP 46,970 m
0+160
CT 45,920 m
0+140
CT 44,704 m
CP 44,748 m
0+120
CT 43,501 m
0+100
CT 42,400 m
CP 42,431 m
Eixo4
Escala 1:400


0+080
CT 41,285 m
CP 41,302 m
0+060
CT 40,298 m
CP 40,303 m
0+040
CT 39,439 m
0+020
CT 38,691 m
0+000
CT 37,946 m
Eixo4
Escala 1:400


54
52
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44
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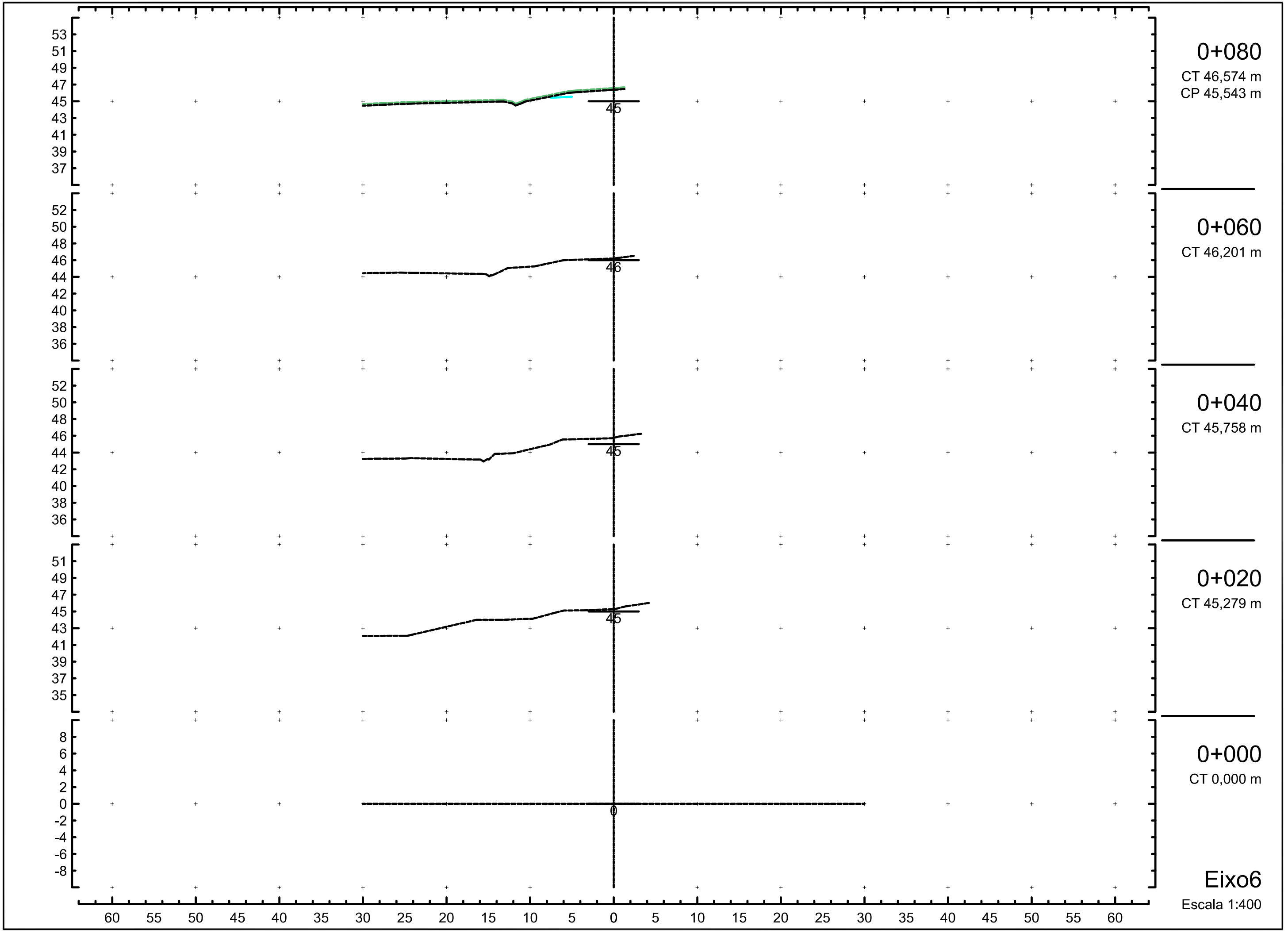
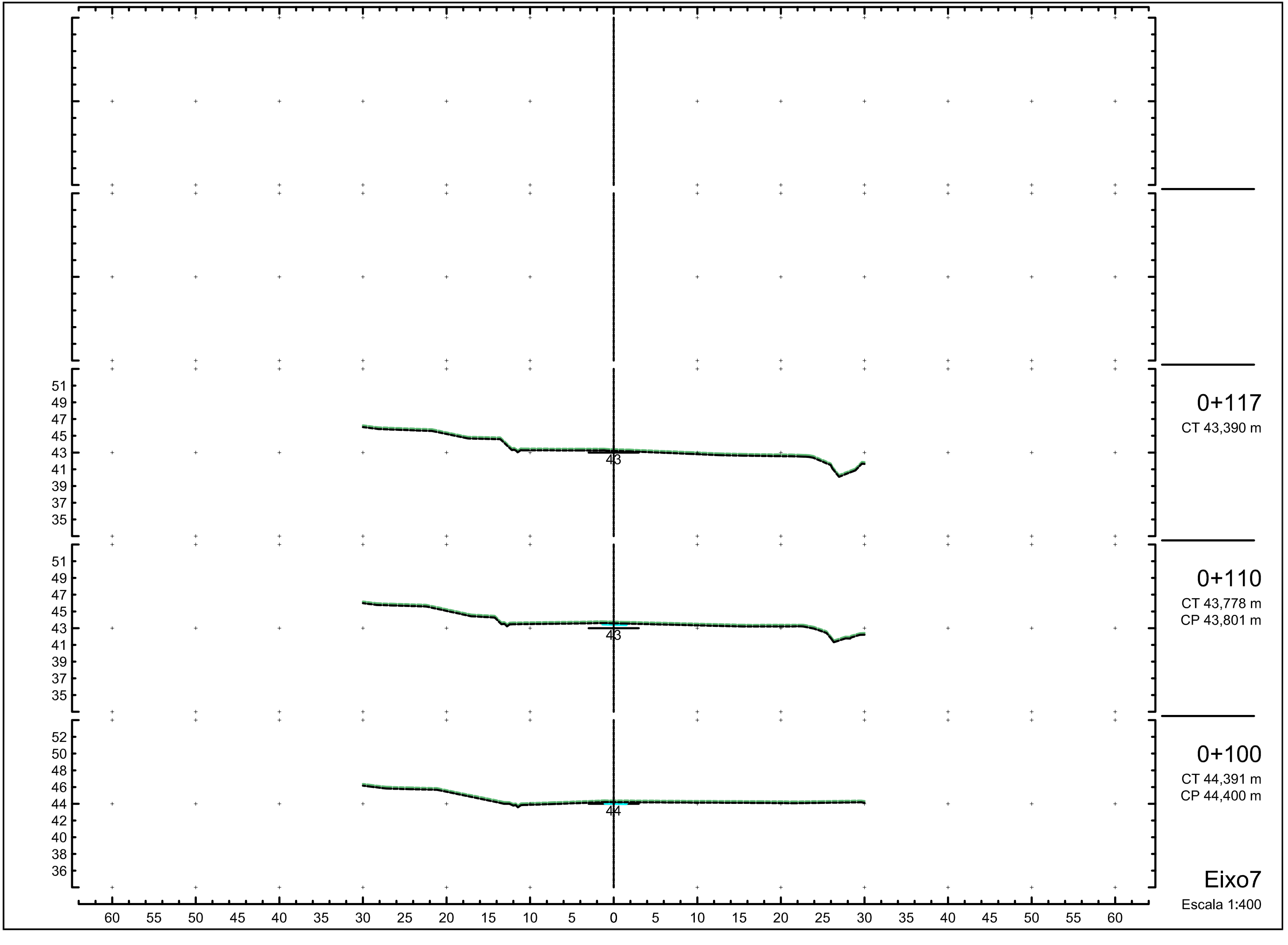
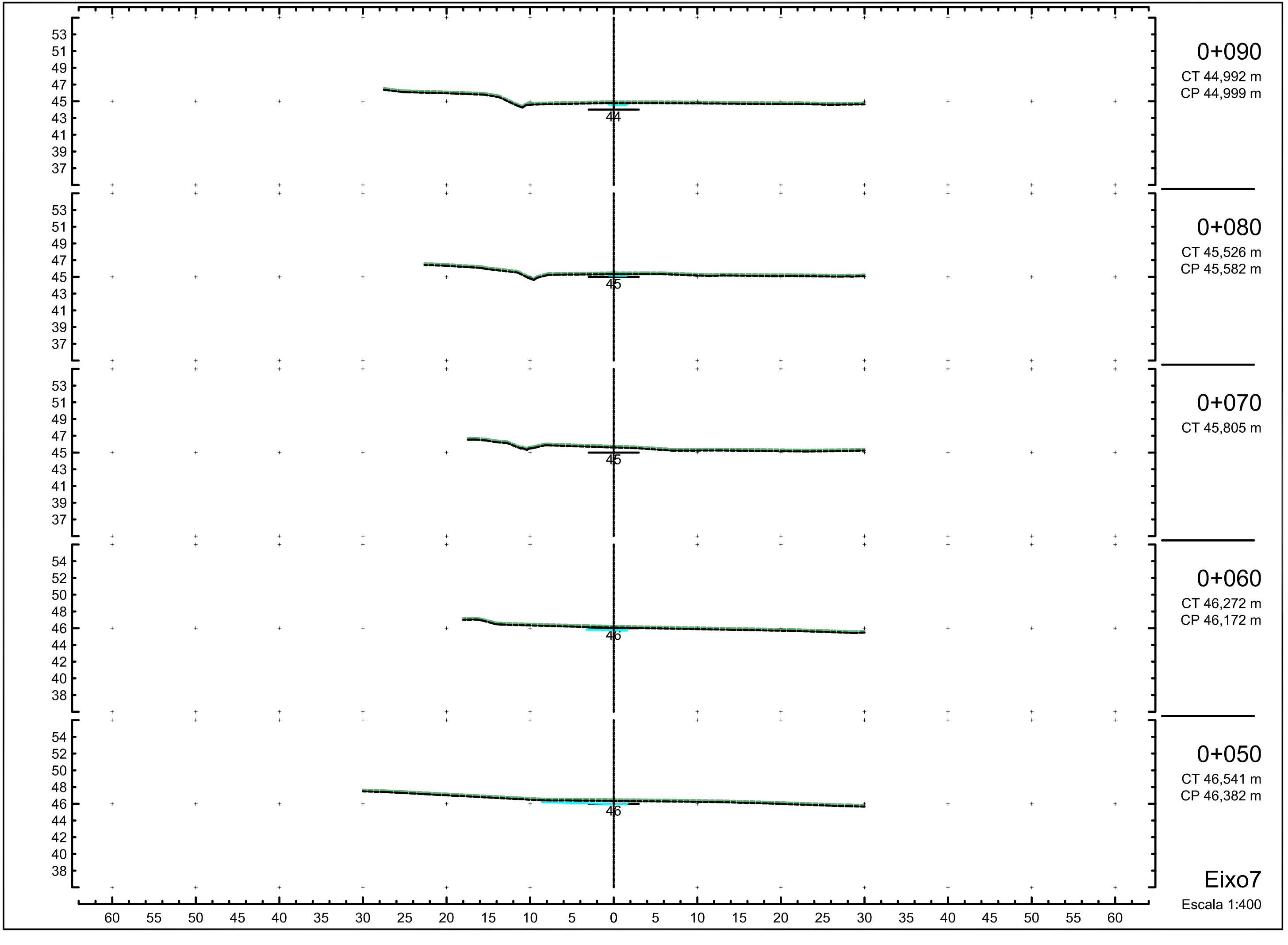
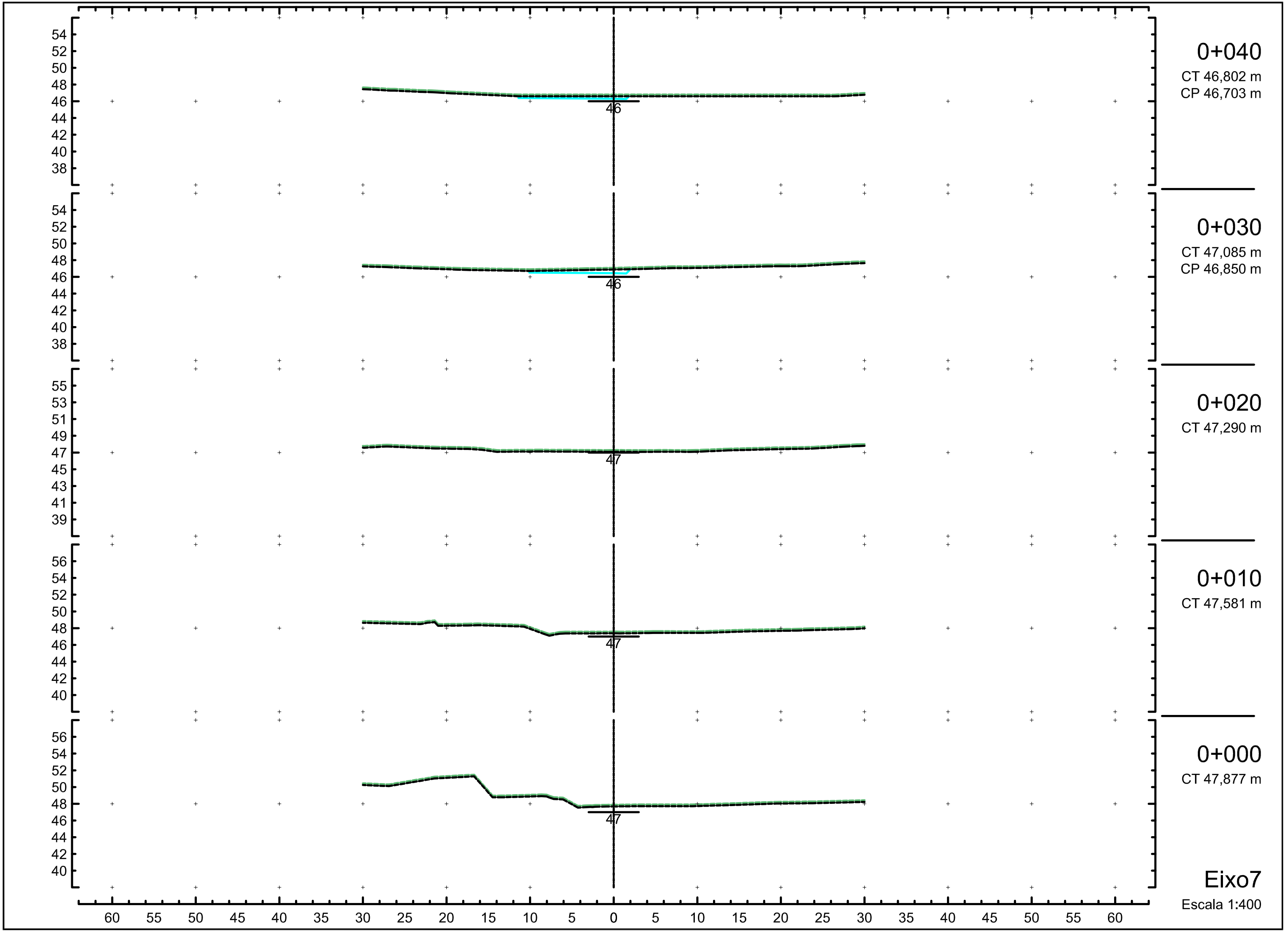
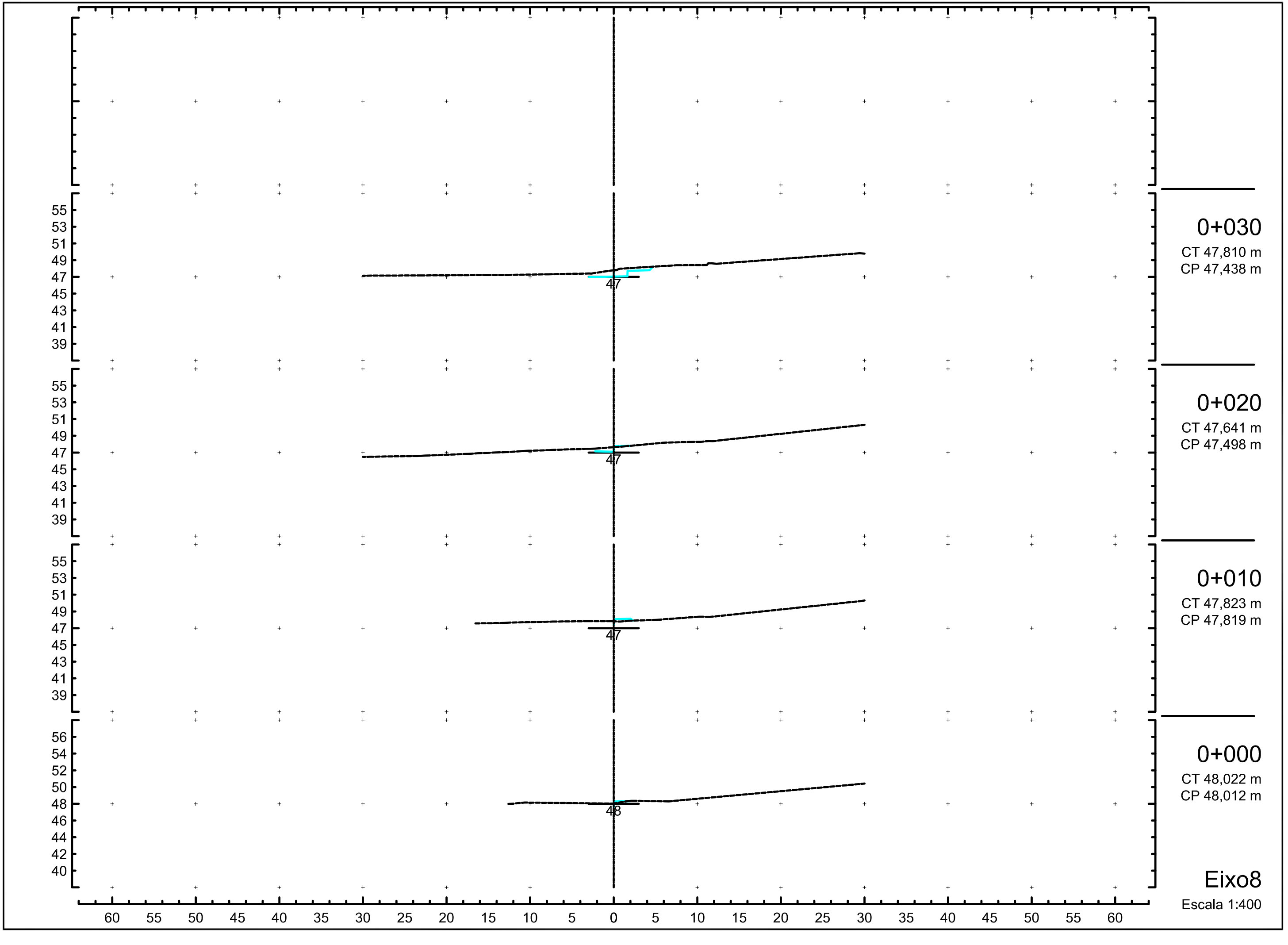
38
46
60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60
0+100
CT 46,439 m
0+100
CT 46,466 m
CP 46,550 m
Eixo6
Escala 1:400


0+080
CT 46,574 m
CP 45,543 m
0+060
CT 46,201 m
0+040
CT 45,758 m
0+020
CT 45,279 m
0+000
CT 0,000 m
Eixo6
Escala 1:400


51
49
47
45
43
41
39
37
35
43
0+117
CT 43,390 m
51
49
47
45
43
41
39
37
35
43
0+110
CT 43,778 m
CP 43,801 m
52
50
48
46
44
42
40
38
36
44
0+100
CT 44,391 m
CP 44,400 m
60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60
Eixo7
Escala 1:400


0+090
CT 44,992 m
CP 44,999 m
0+080
CT 45,526 m
CP 45,582 m
0+070
CT 45,805 m
0+060
CT 46,272 m
CP 46,172 m
0+050
CT 46,541 m
CP 46,382 m
Eixo7
Escala 1:400


0+040
CT 46,802 m
CP 46,703 m
0+030
CT 47,085 m
CP 46,850 m
0+020
CT 47,290 m
0+010
CT 47,581 m
0+000
CT 47,877 m
Eixo7
Escala 1:400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53
51
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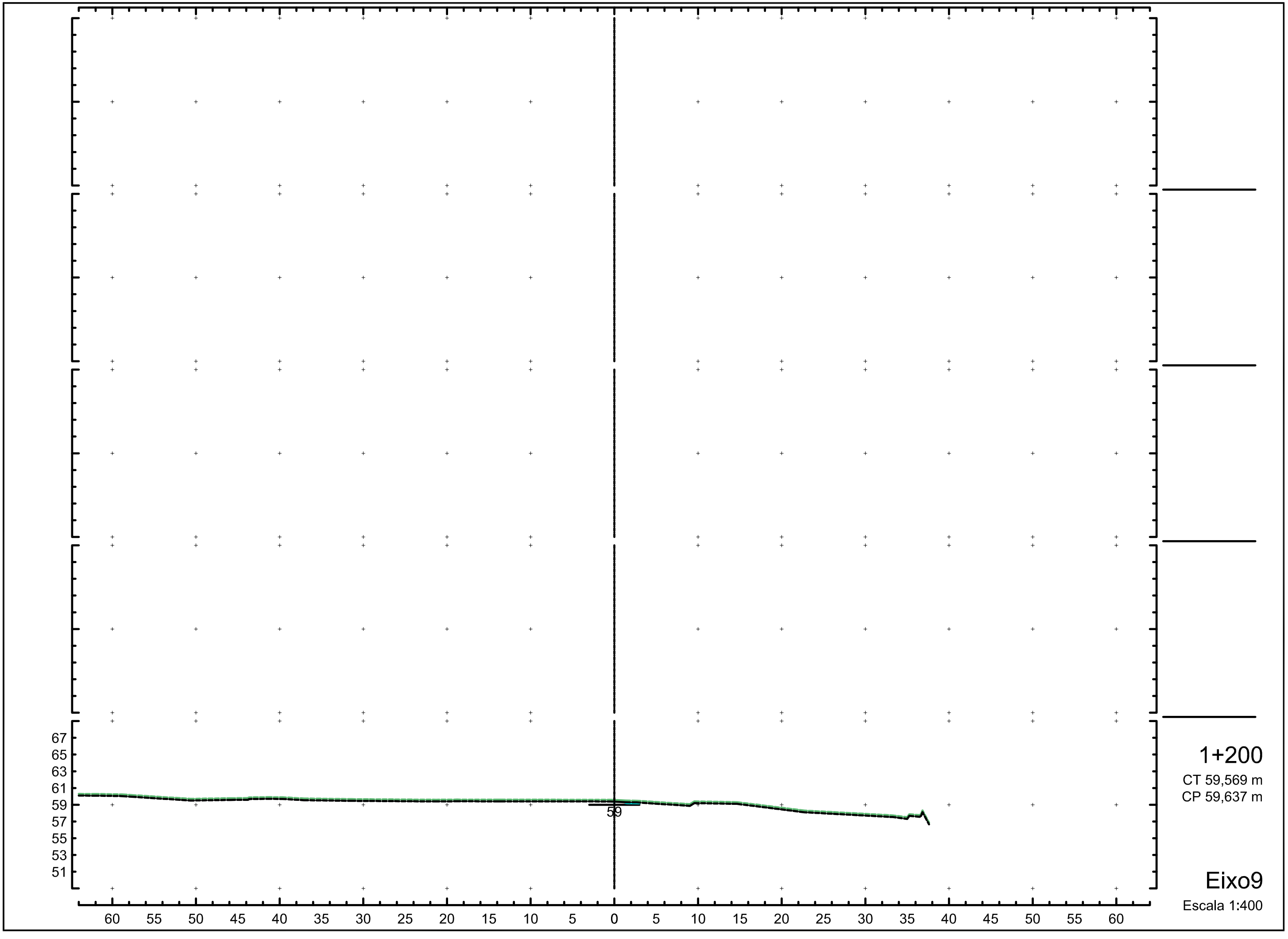
47
45
43
41
39
47
0+030
CT 47,810 m
CP 47,438 m
55
53
51
49
47
45
43
41
39
47
0+020
CT 47,641 m
CP 47,498 m
55
53
51
49
47
45
43
41
39
47
0+010
CT 47,823 m
CP 47,819 m
56
54
52
50
48
46
44
42
40
48
0+000
CT 48,022 m
CP 48,012 m
60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60
Eixo8
Escala 1:400


67
65
63
61
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57
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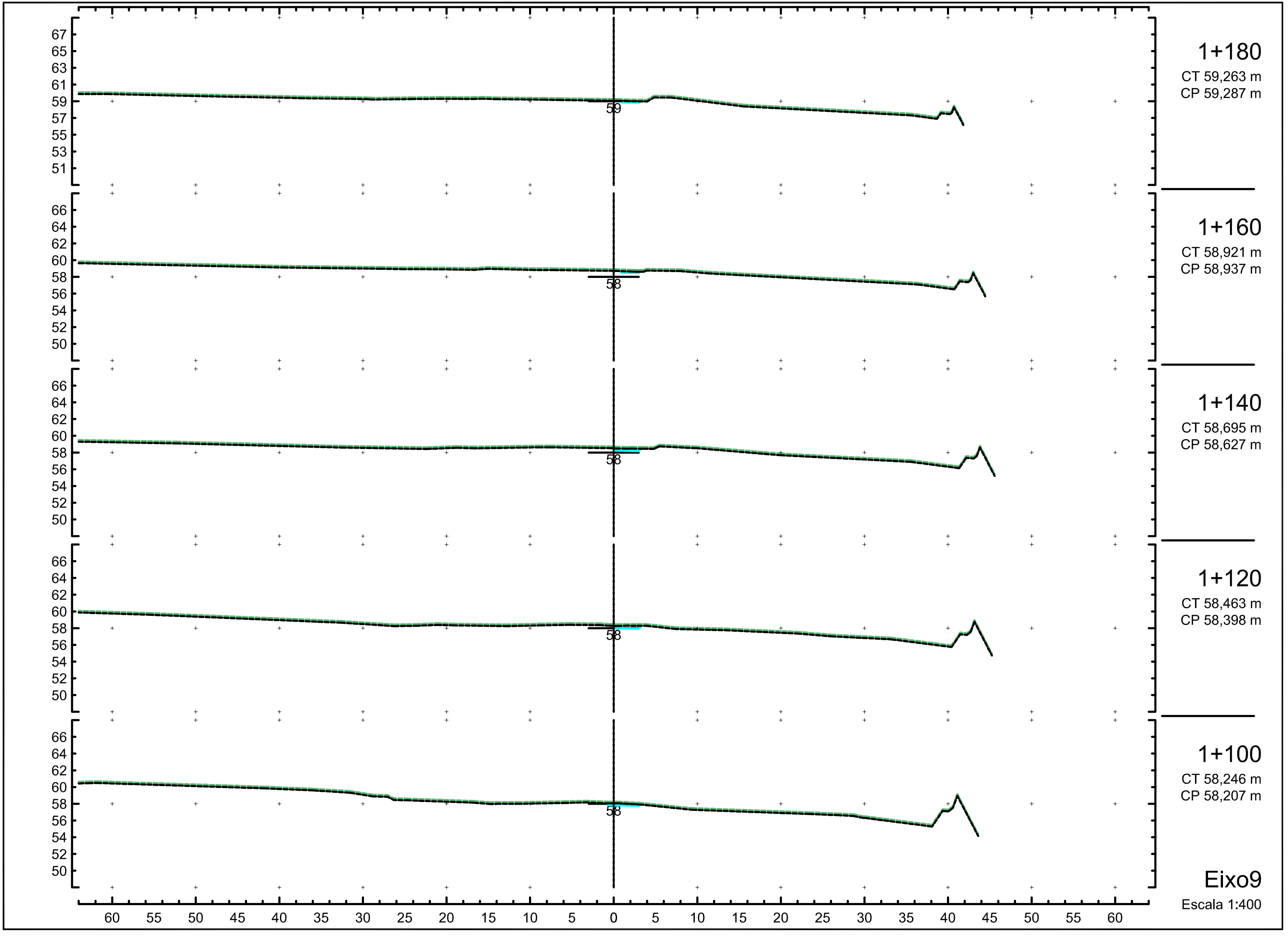
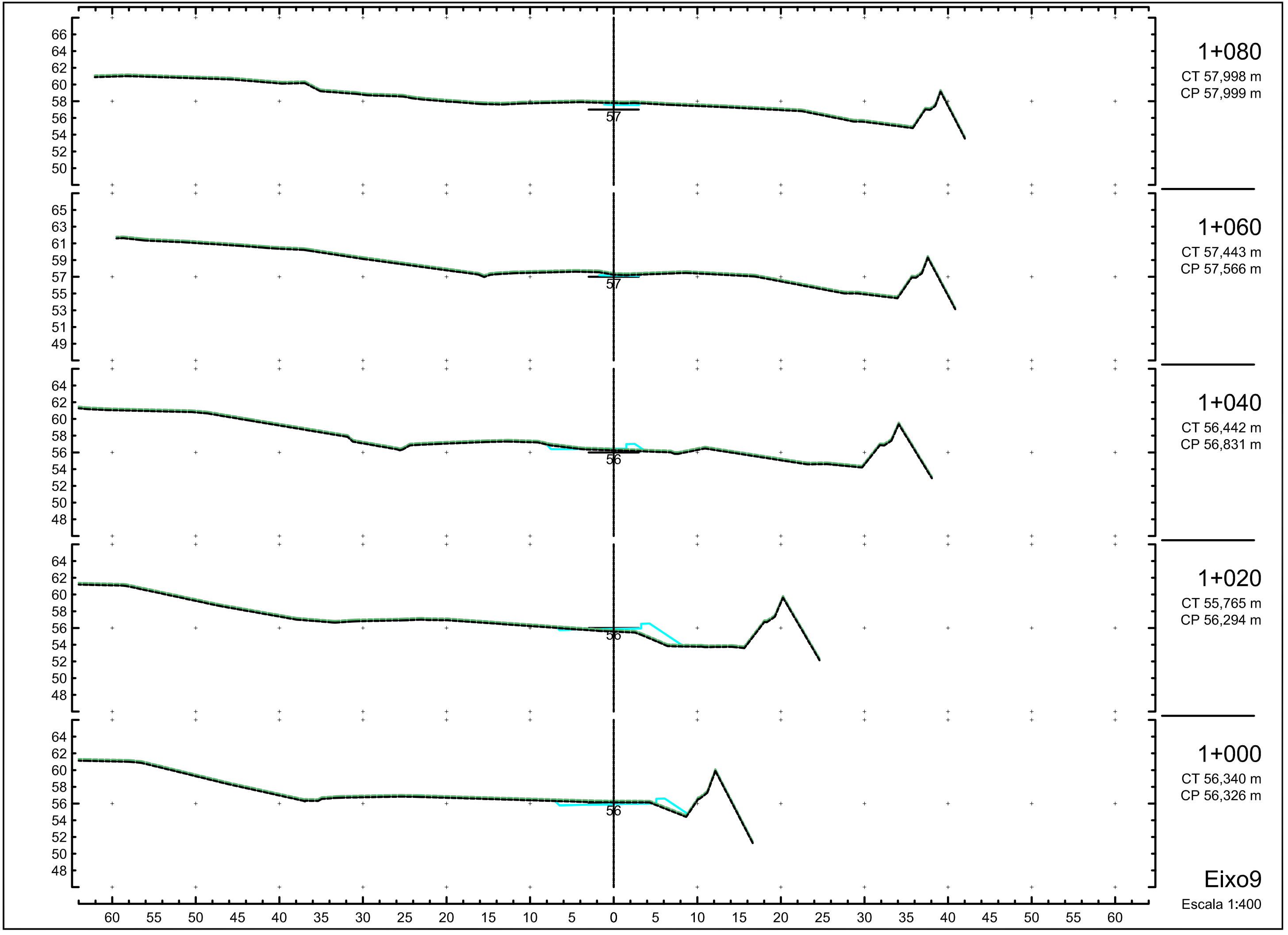
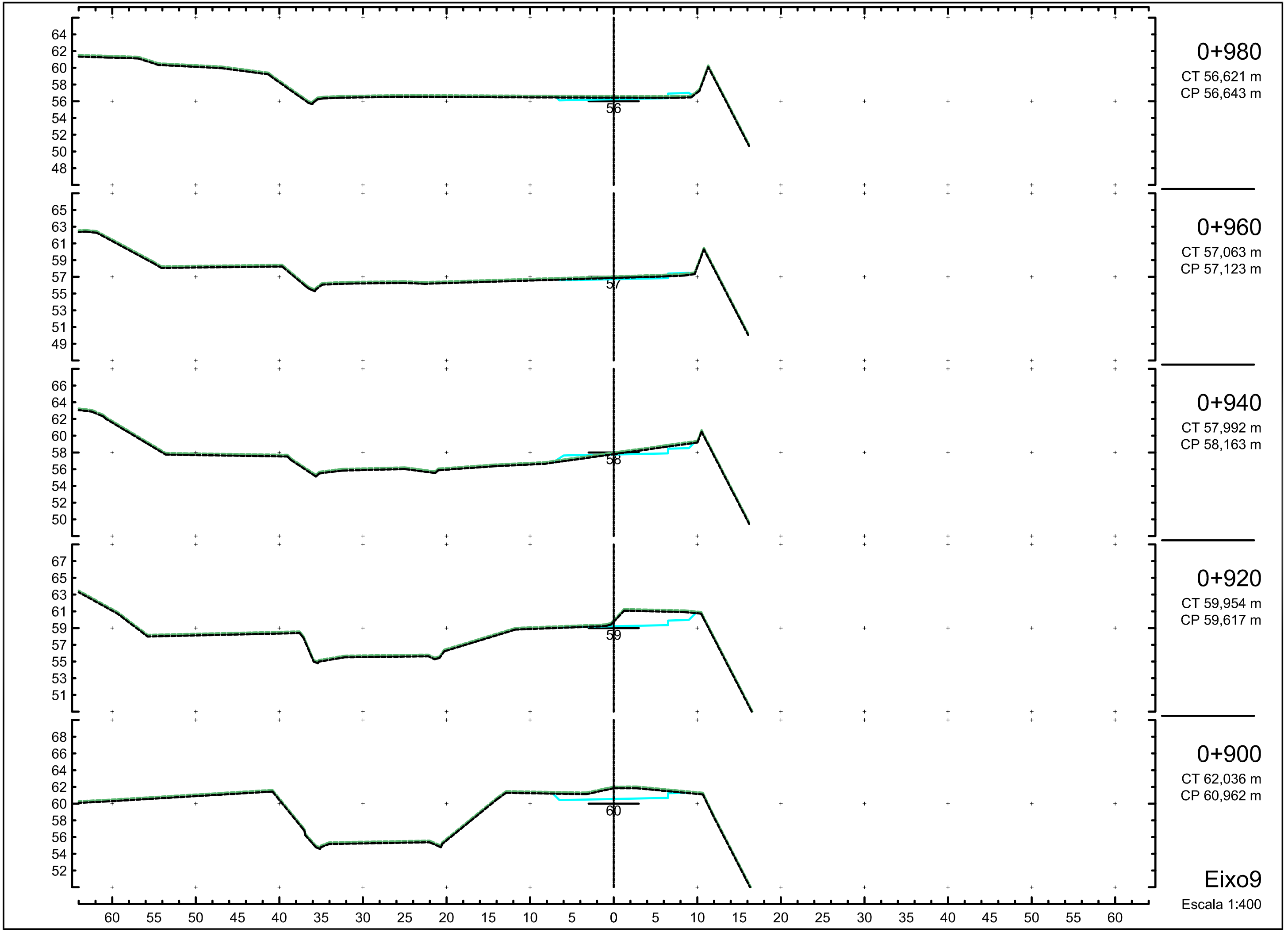
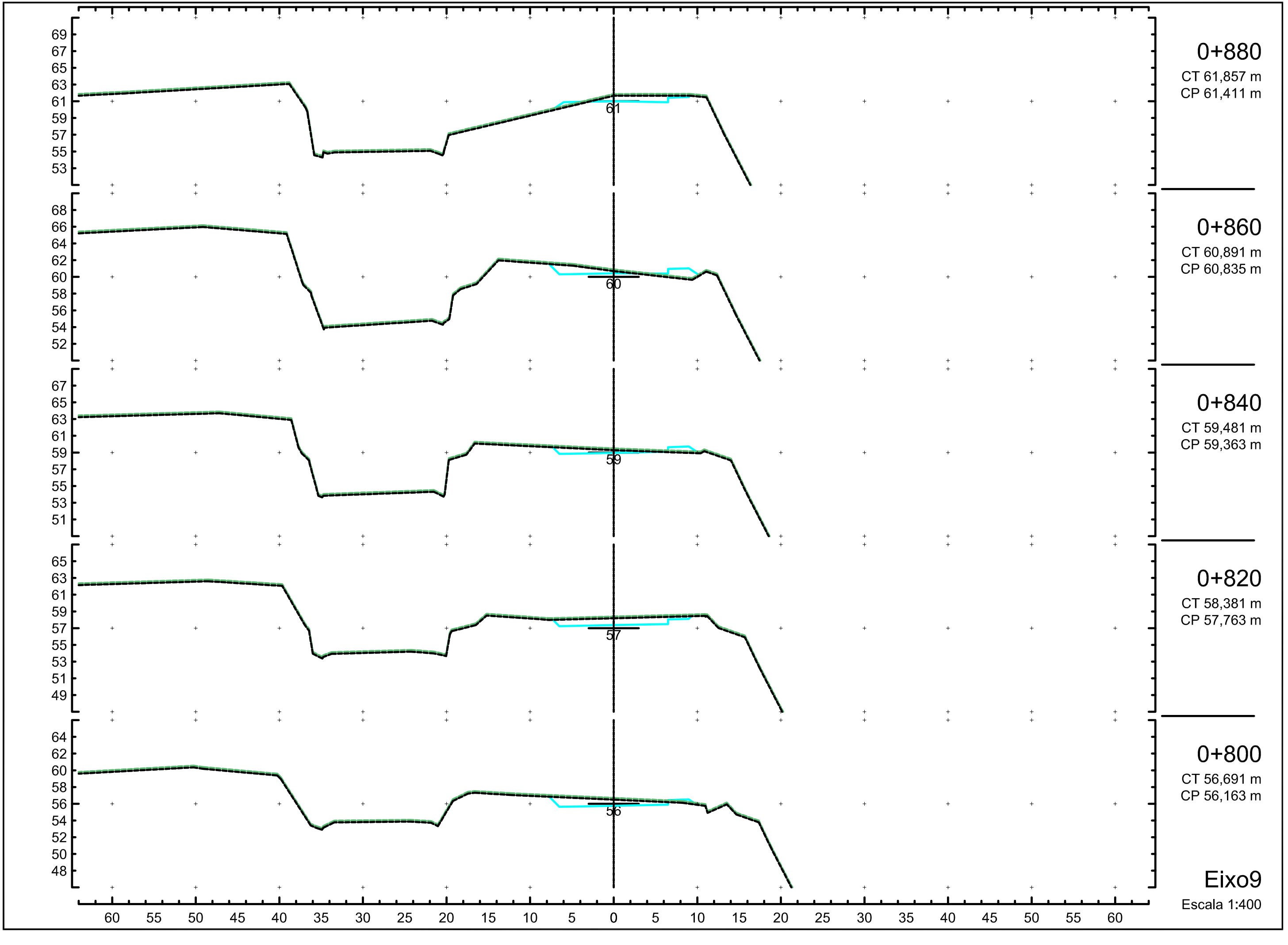
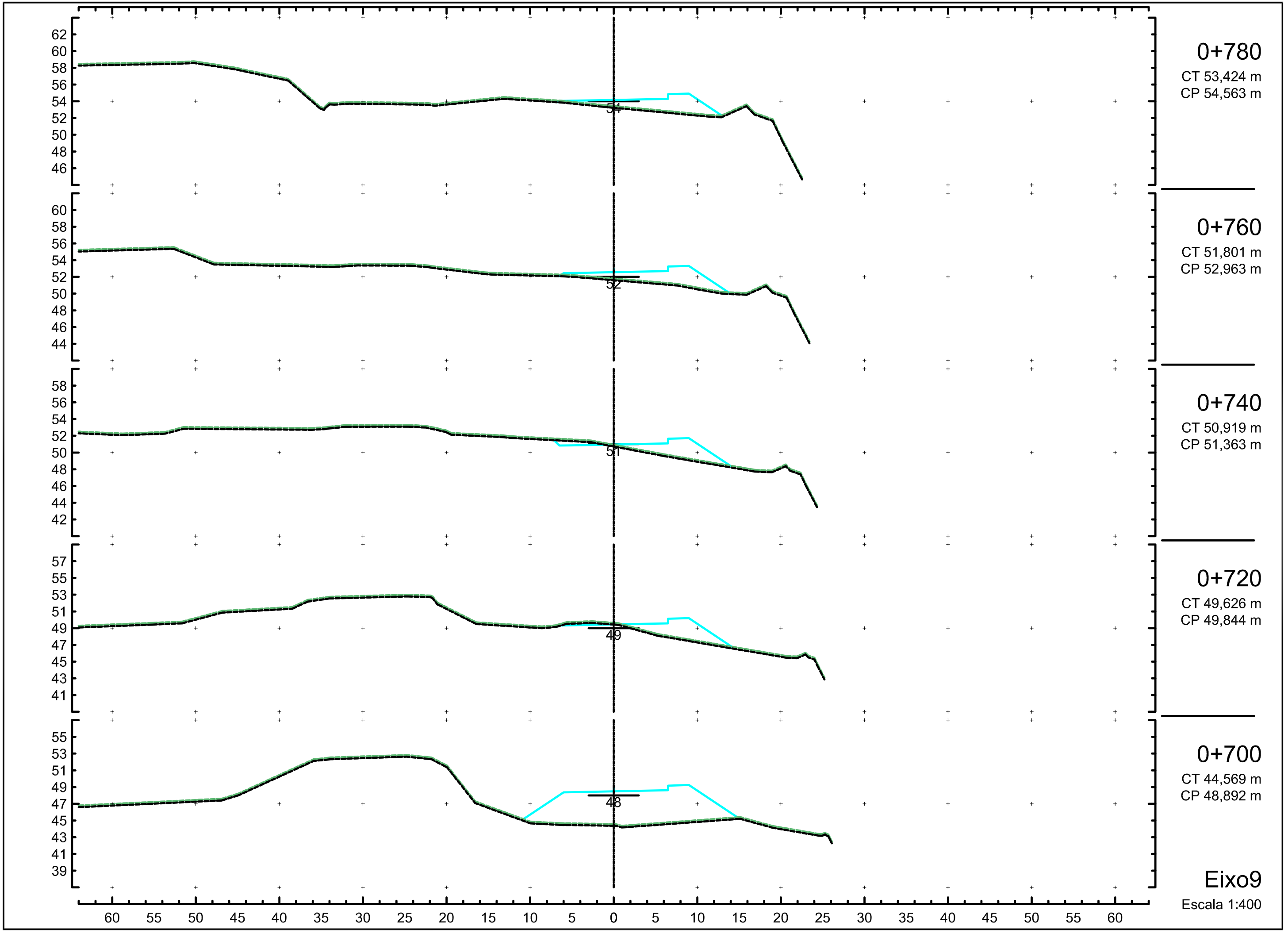
60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60
1+200
CT 59,569 m
CP 59,637 m
Eixo9
Escala 1:400

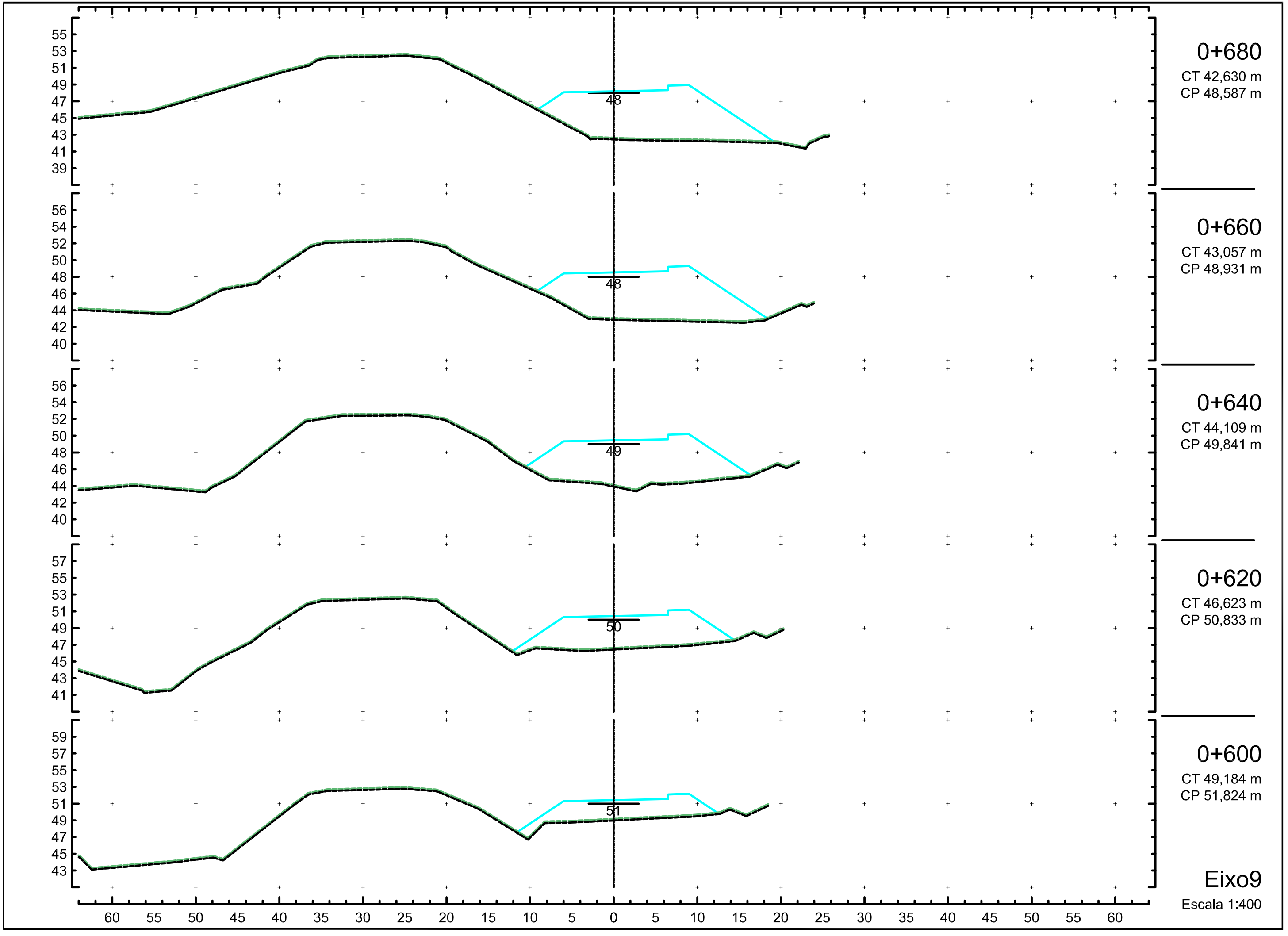

1+180
CT 59,263 m
CP 59,287 m
1+160
CT 58,921 m
CP 58,937 m
1+140
CT 58,695 m
CP 58,627 m
1+120
CT 58,463 m
CP 58,398 m
1+100
CT 58,246 m
CP 58,207 m
Eixo9
Escala 1:400

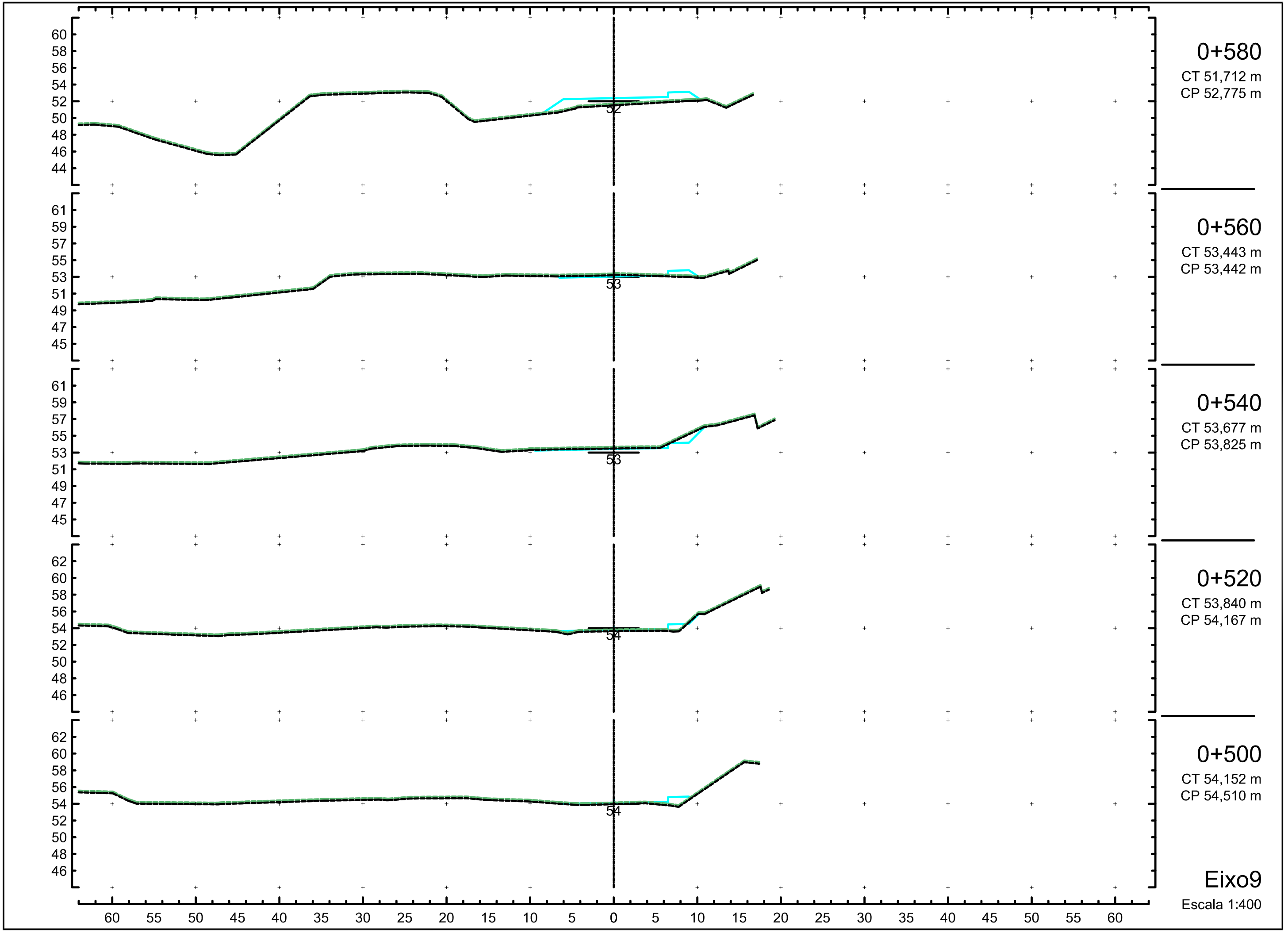

1+080
CT 57,998 m
CP 57,999 m
1+060
CT 57,443 m
CP 57,566 m
1+040
CT 56,442 m
CP 56,831 m
1+020
CT 55,765 m
CP 56,294 m
1+000
CT 56,340 m
CP 56,326 m
Eixo9
Escala 1:400

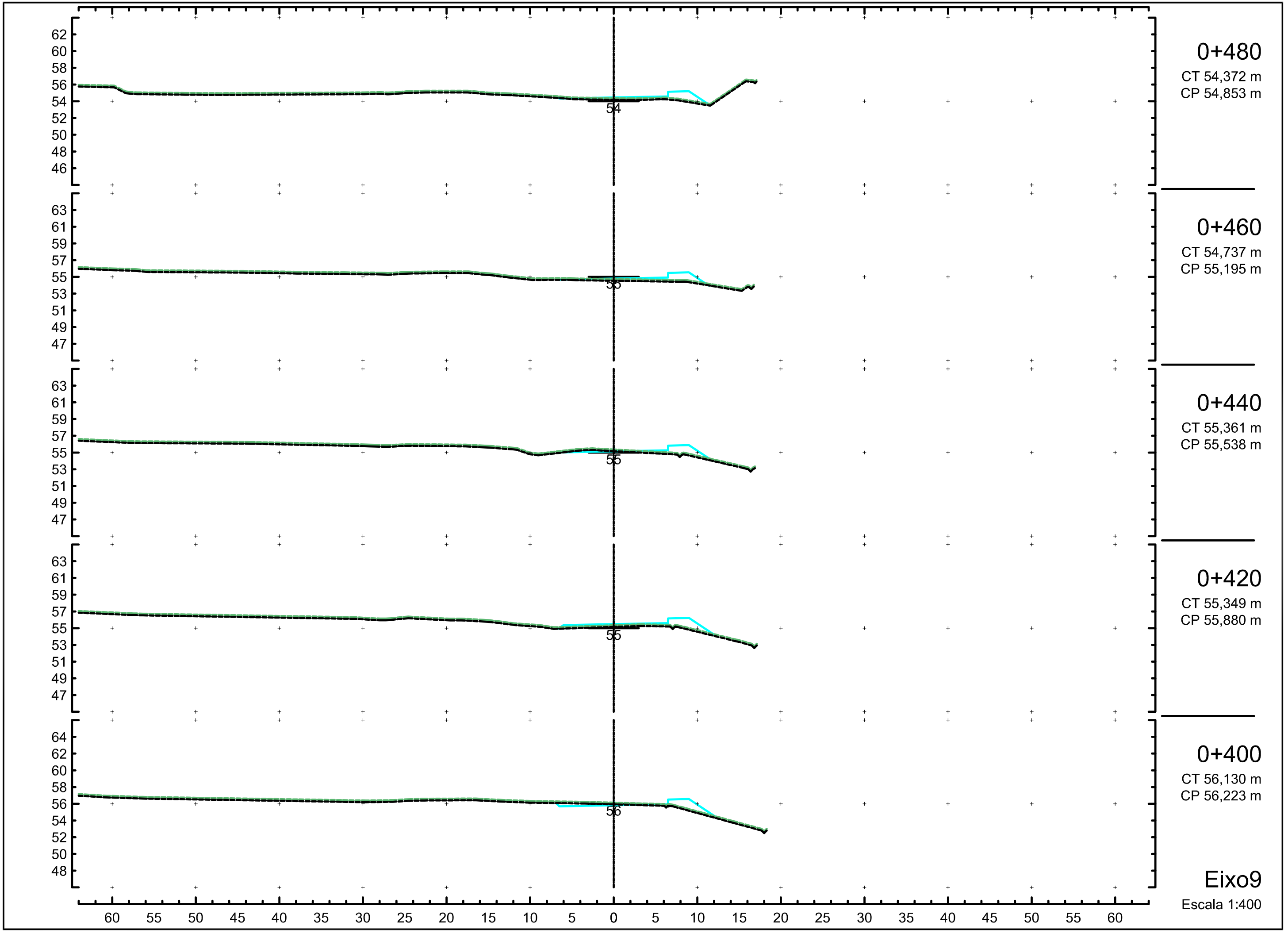

0+980
CT 56,621 m
CP 56,643 m
0+960
CT 57,063 m
CP 57,123 m
0+940
CT 57,992 m
CP 58,163 m
0+920
CT 59,954 m
CP 59,617 m
0+900
CT 62,036 m
CP 60,962 m
Eixo9
Escala 1:400

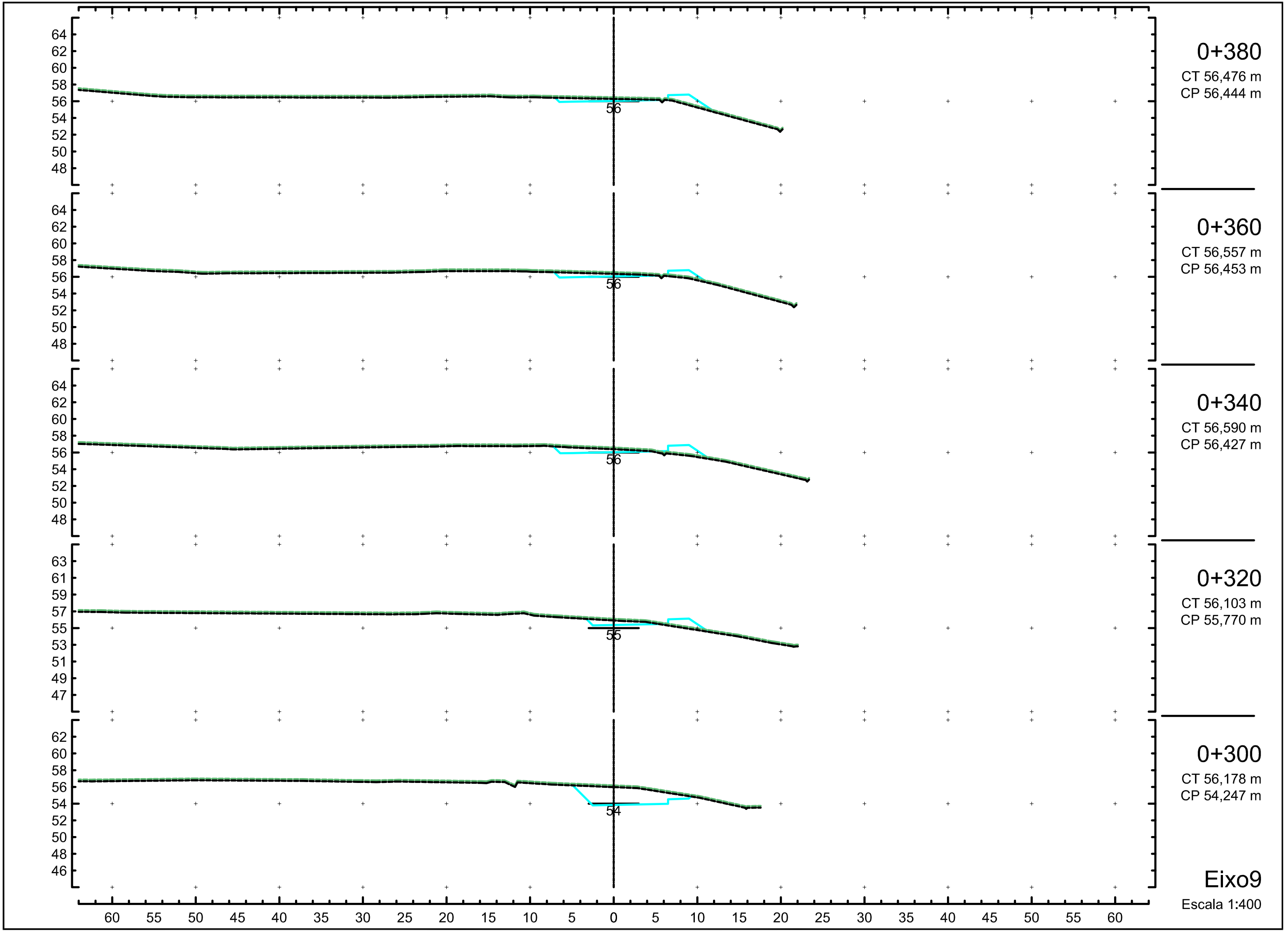

0+880
CT 61,857 m
CP 61,411 m
0+860
CT 60,891 m
CP 60,835 m
0+840
CT 59,481 m
CP 59,363 m
0+820
CT 58,381 m
CP 57,763 m
0+800
CT 56,691 m
CP 56,163 m
Eixo9
Escala 1:400

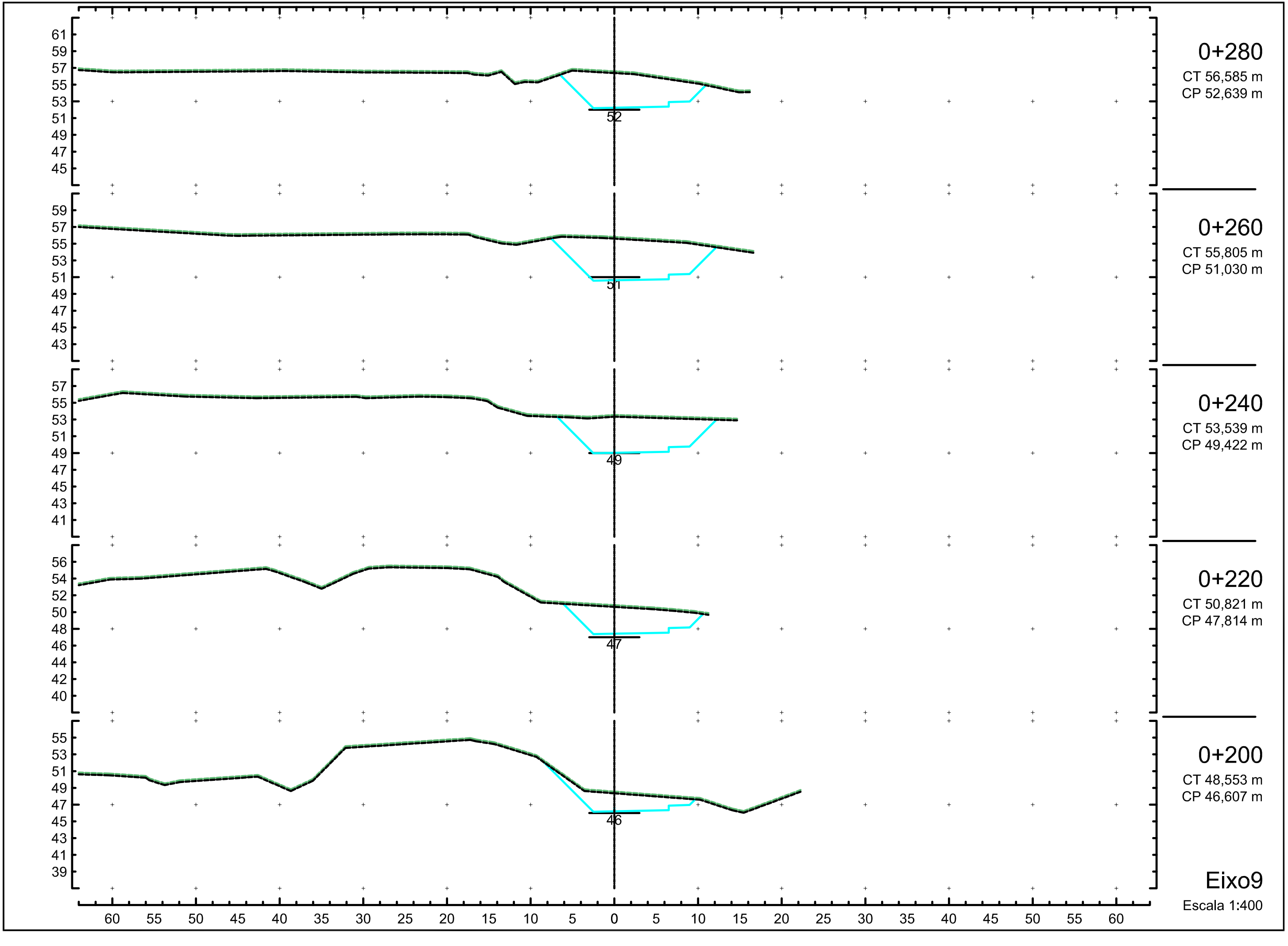

0+780
CT 53,424 m
CP 54,563 m
0+760
CT 51,801 m
CP 52,963 m
0+740
CT 50,919 m
CP 51,363 m
0+720
CT 49,626 m
CP 49,844 m
0+700
CT 44,569 m
CP 48,892 m
Eixo9
Escala 1:400

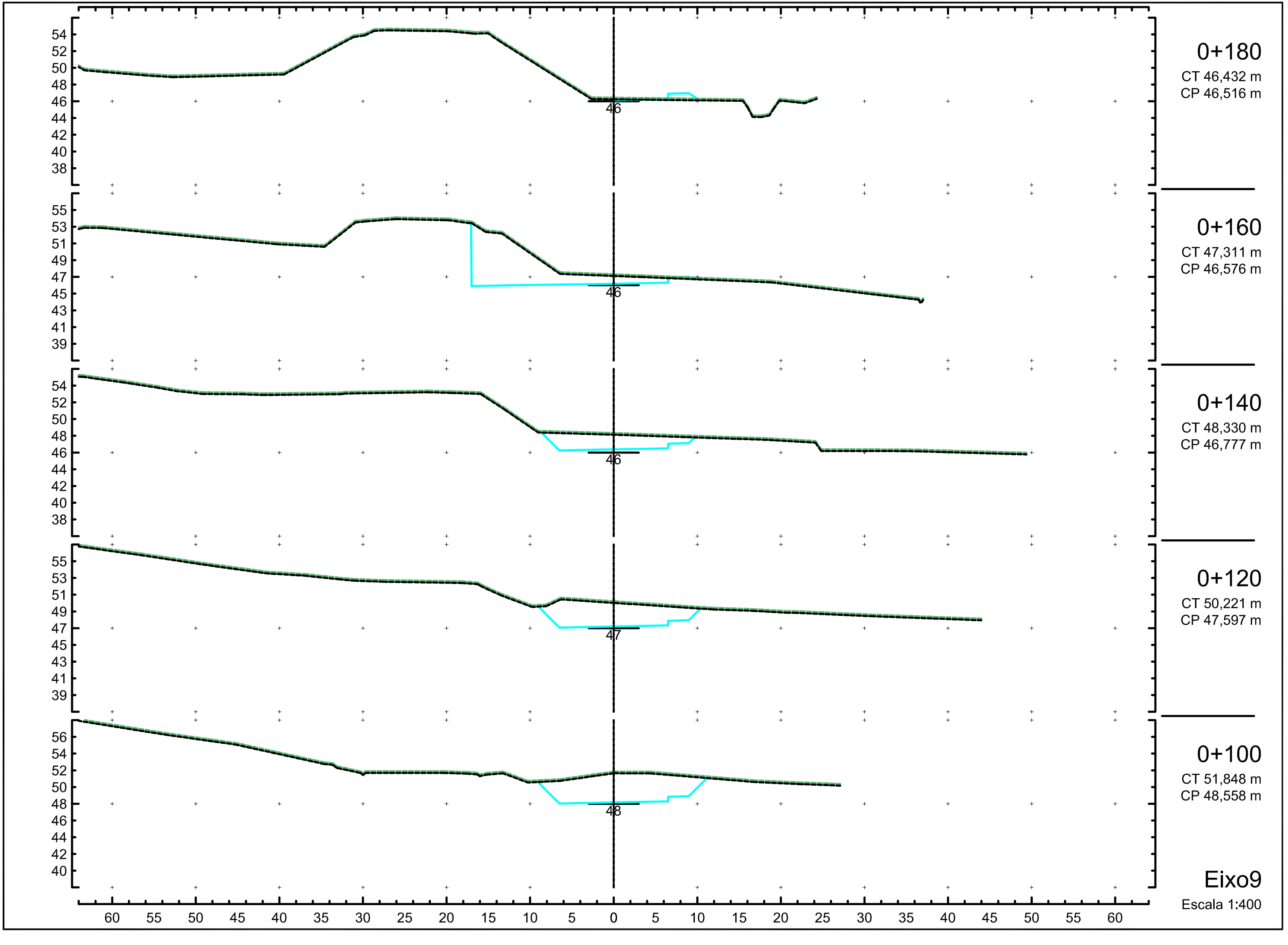

0+680
CT 42,630 m
CP 48,587 m
0+660
CT 43,057 m
CP 48,931 m
0+640
CT 44,109 m
CP 49,841 m
0+620
CT 46,623 m
CP 50,833 m
0+600
CT 49,184 m
CP 51,824 m
Eixo9
Escala 1:400

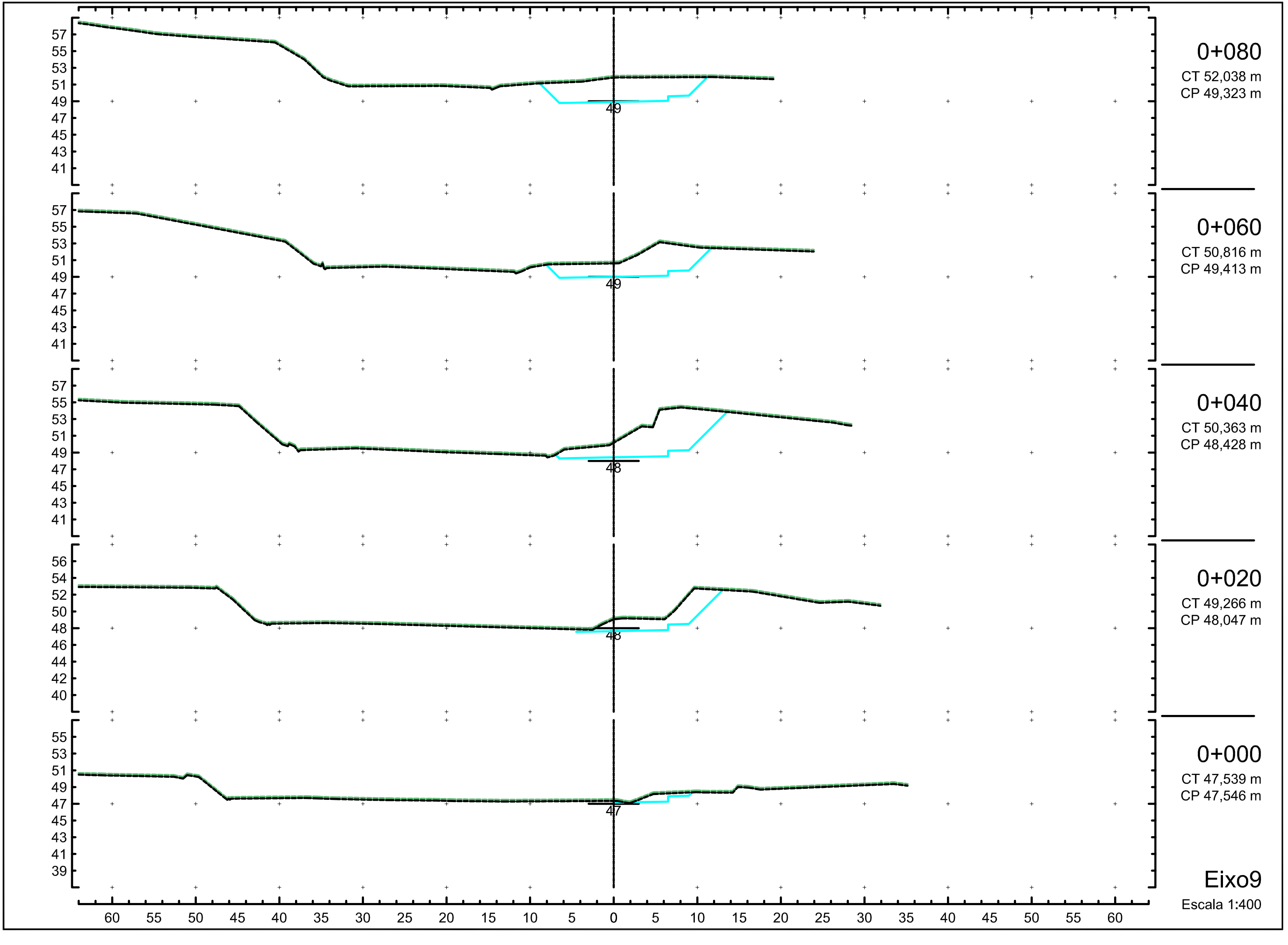

0+580
CT 51,712 m
CP 52,775 m
0+560
CT 53,443 m
CP 53,442 m
0+540
CT 53,677 m
CP 53,825 m
0+520
CT 53,840 m
CP 54,167 m
0+500
CT 54,152 m
CP 54,510 m
Eixo9
Escala 1:400

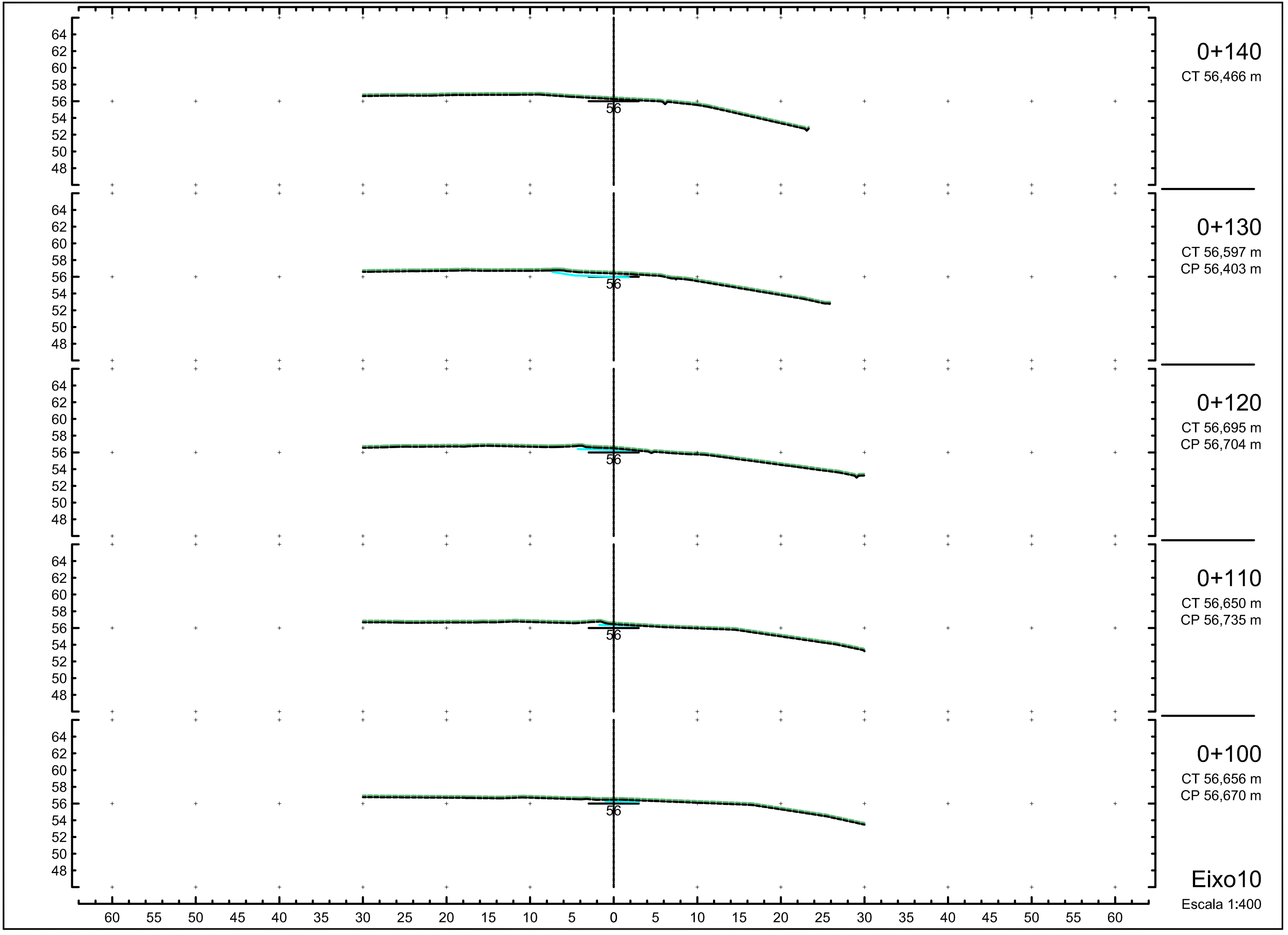

0+480
CT 54,372 m
CP 54,853 m
0+460
CT 54,737 m
CP 55,195 m
0+440
CT 55,361 m
CP 55,538 m
0+420
CT 55,349 m
CP 55,880 m
0+400
CT 56,130 m
CP 56,223 m
Eixo9
Escala 1:400


0+380
CT 56,476 m
CP 56,444 m
0+360
CT 56,557 m
CP 56,453 m
0+340
CT 56,590 m
CP 56,427 m
0+320
CT 56,103 m
CP 55,770 m
0+300
CT 56,178 m
CP 54,247 m
Eixo9
Escala 1:400


0+280
CT 56,585 m
CP 52,639 m
0+260
CT 55,805 m
CP 51,030 m
0+240
CT 53,539 m
CP 49,422 m
0+220
CT 50,821 m
CP 47,814 m
0+200
CT 48,553 m
CP 46,607 m
Eixo9
Escala 1:400


0+180
CT 46,432 m
CP 46,516 m
0+160
CT 47,311 m
CP 46,576 m
0+140
CT 48,330 m
CP 46,777 m
0+120
CT 50,221 m
CP 47,597 m
0+100
CT 51,848 m
CP 48,558 m
Eixo9
Escala 1:400


0+080
CT 52,038 m
CP 49,323 m
0+060
CT 50,816 m
CP 49,413 m
0+040
CT 50,363 m
CP 48,428 m
0+020
CT 49,266 m
CP 48,047 m
0+000
CT 47,539 m
CP 47,546 m
Eixo9
Escala 1:400


0+140
CT 56,466 m
0+130
CT 56,597 m
CP 56,403 m
0+120
CT 56,695 m
CP 56,704 m
0+110
CT 56,650 m
CP 56,735 m
0+100
CT 56,656 m
CP 56,670 m
Eixo10
Escala 1:400
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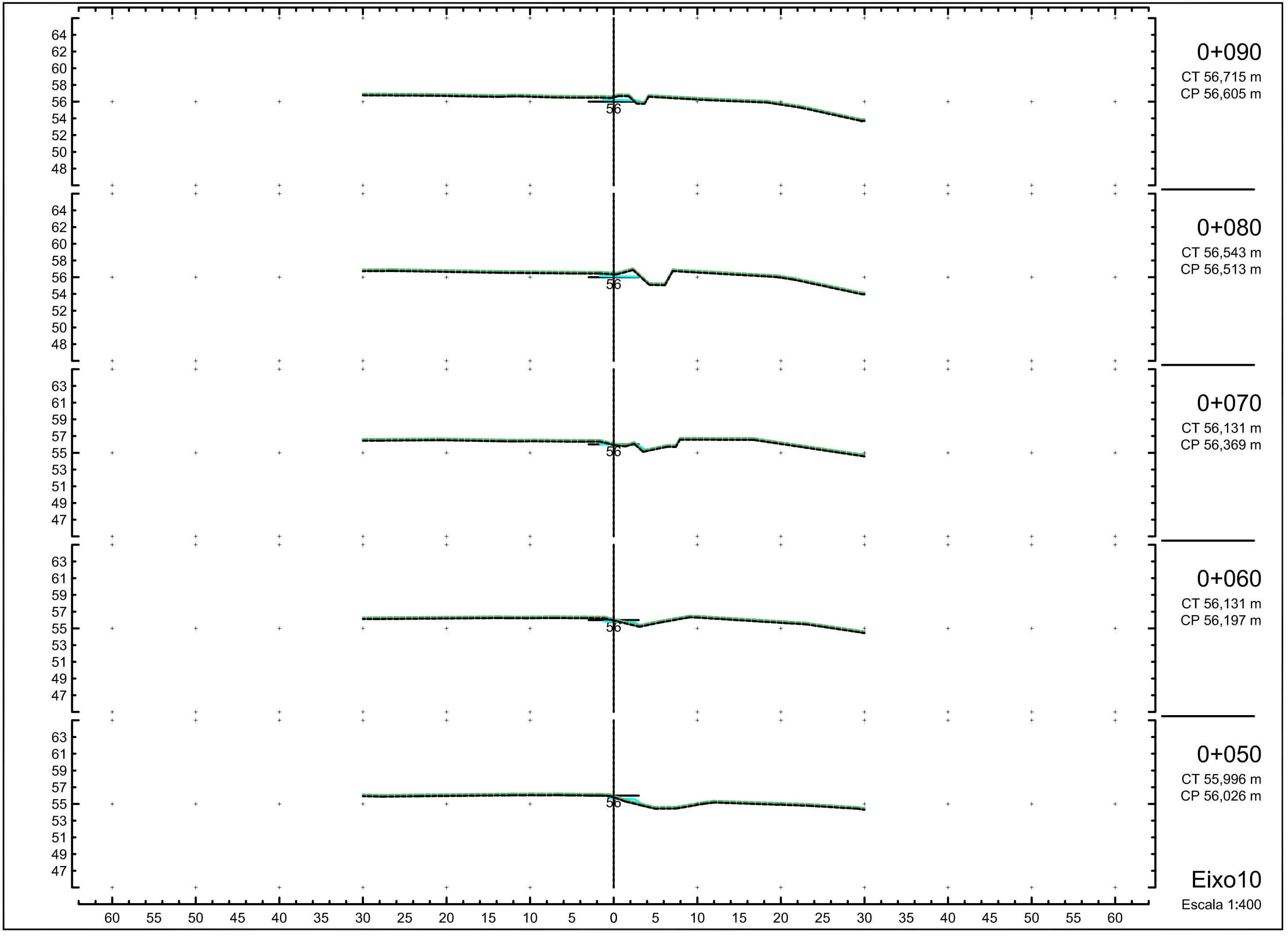
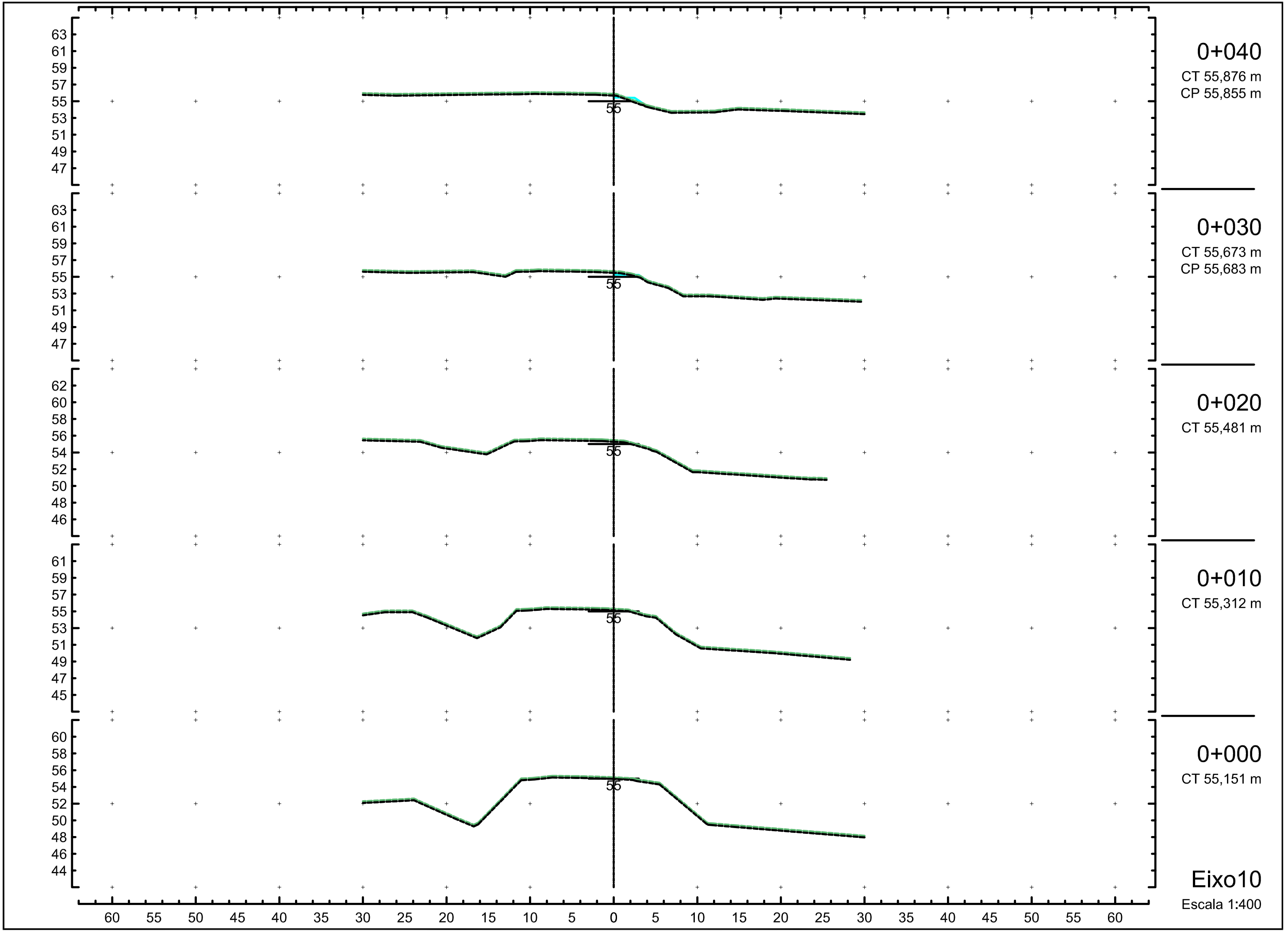
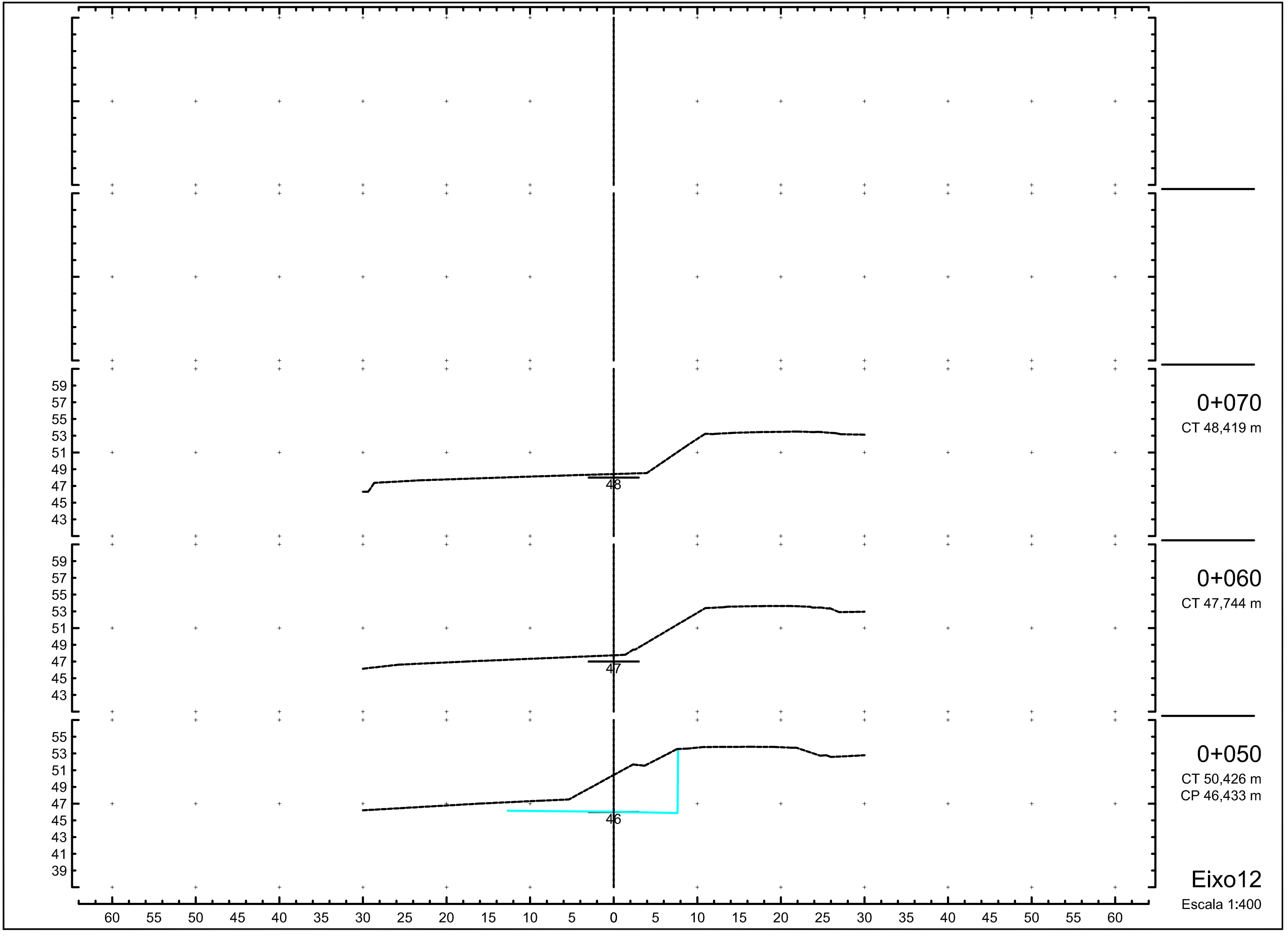
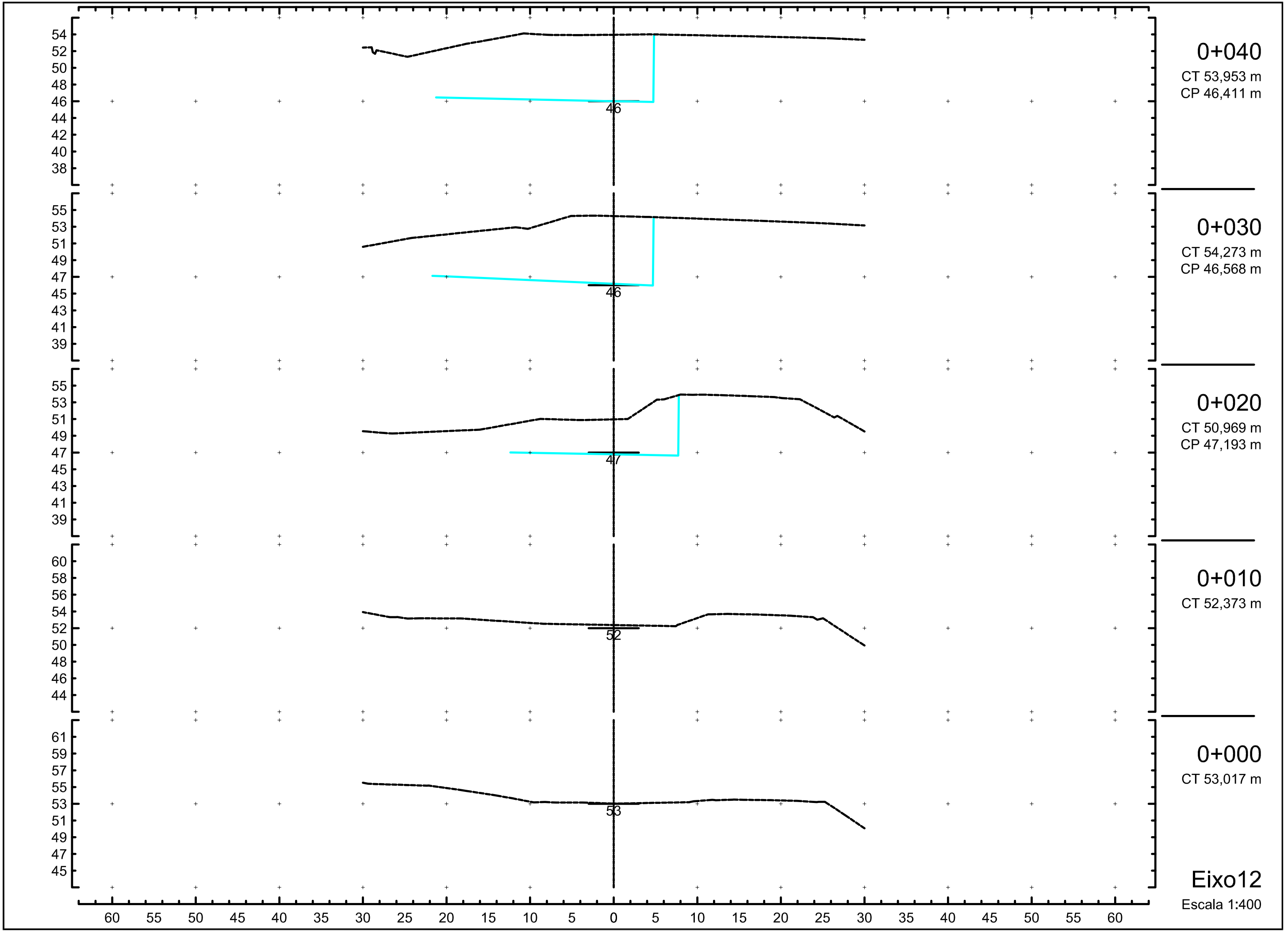
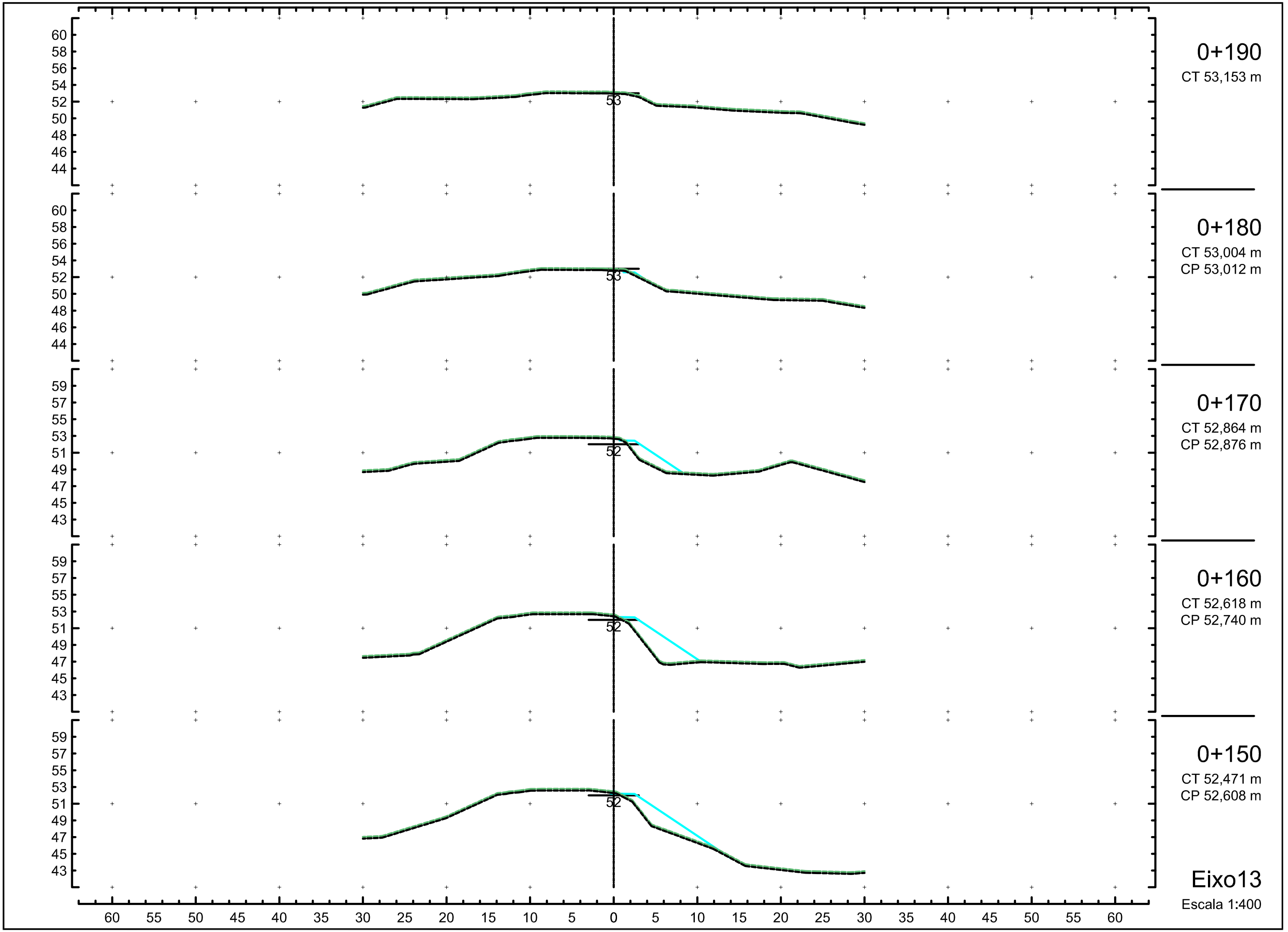
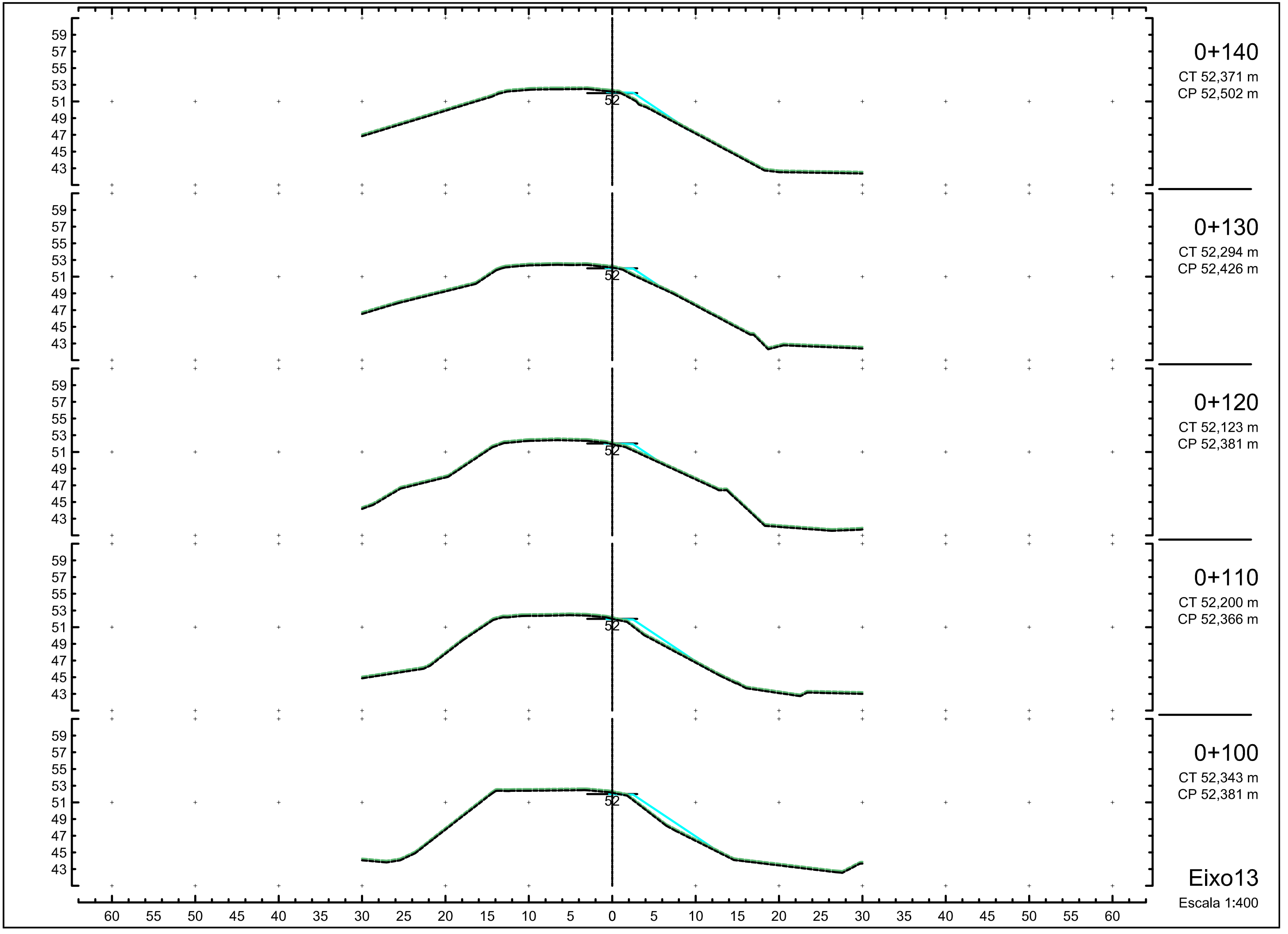

0+090
CT 56,715 m
CP 56,605 m
0+080
CT 56,543 m
CP 56,513 m
0+070
CT 56,131 m
CP 56,369 m
0+060
CT 56,131 m
CP 56,197 m
0+050
CT 55,996 m
CP 56,026 m
Eixo10
Escala 1:400


0+040
CT 55,876 m
CP 55,855 m
0+030
CT 55,673 m
CP 55,683 m
0+020
CT 55,481 m
0+010
CT 55,312 m
0+000
CT 55,151 m
Eixo10
Escala 1:400


0+070
CT 48,419 m
0+060
CT 47,744 m
0+050
CT 50,426 m
CP 46,433 m
Eixo12
Escala 1:400


0+040
CT 53,953 m
CP 46,411 m
0+030
CT 54,273 m
CP 46,568 m
0+020
CT 50,969 m
CP 47,193 m
0+010
CT 52,373 m
0+000
CT 53,017 m
Eixo12
Escala 1:400


0+190
CT 53,153 m
0+180
CT 53,004 m
CP 53,012 m
0+170
CT 52,864 m
CP 52,876 m
0+160
CT 52,618 m
CP 52,740 m
0+150
CT 52,471 m
CP 52,608 m
Eixo13
Escala 1:400


0+140
CT 52,371 m
CP 52,502 m
0+130
CT 52,294 m
CP 52,426 m
0+120
CT 52,123 m
CP 52,381 m
0+110
CT 52,200 m
CP 52,366 m
0+100
CT 52,343 m
CP 52,381 m
Eixo13
Escala 1:400
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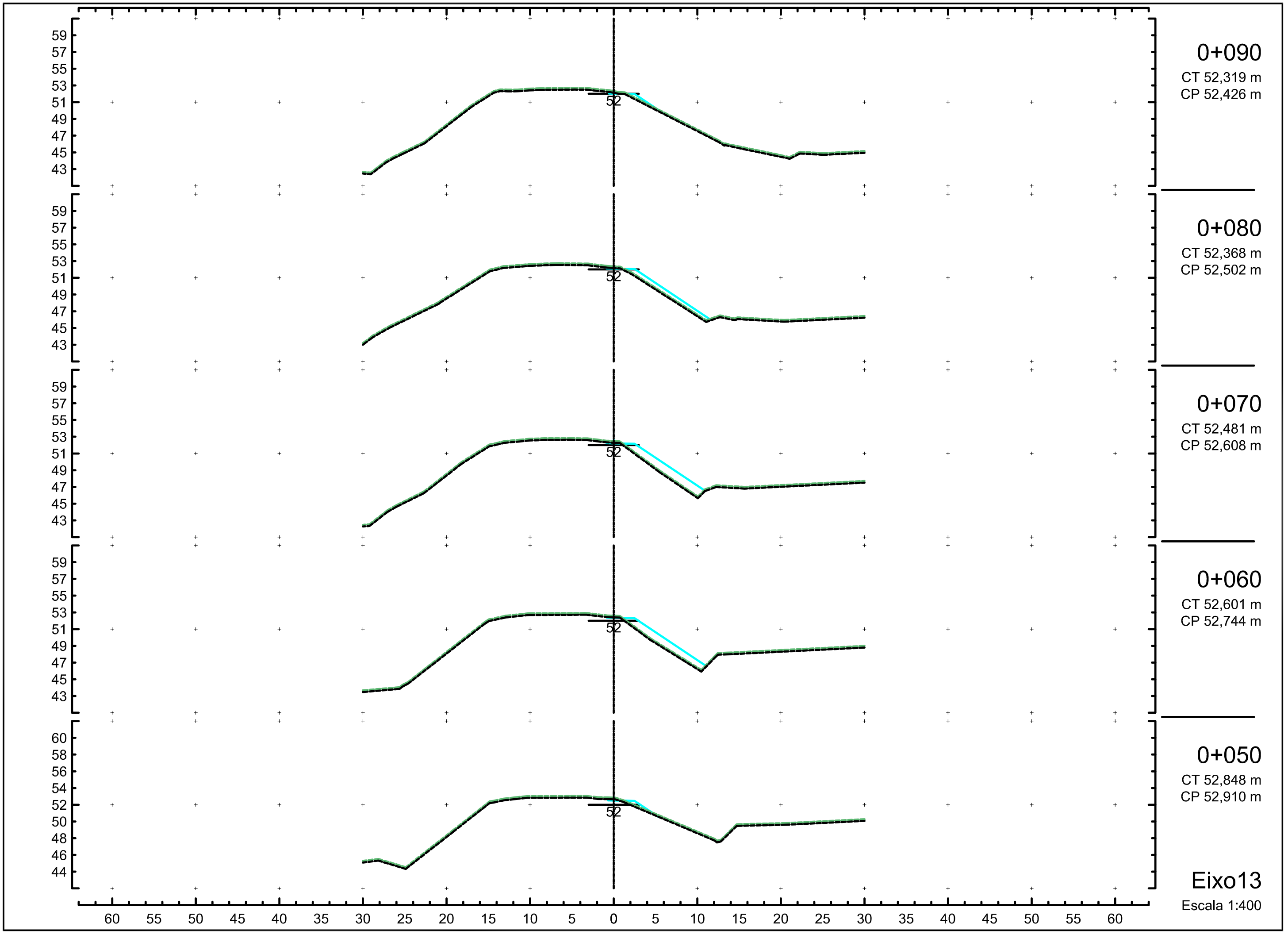
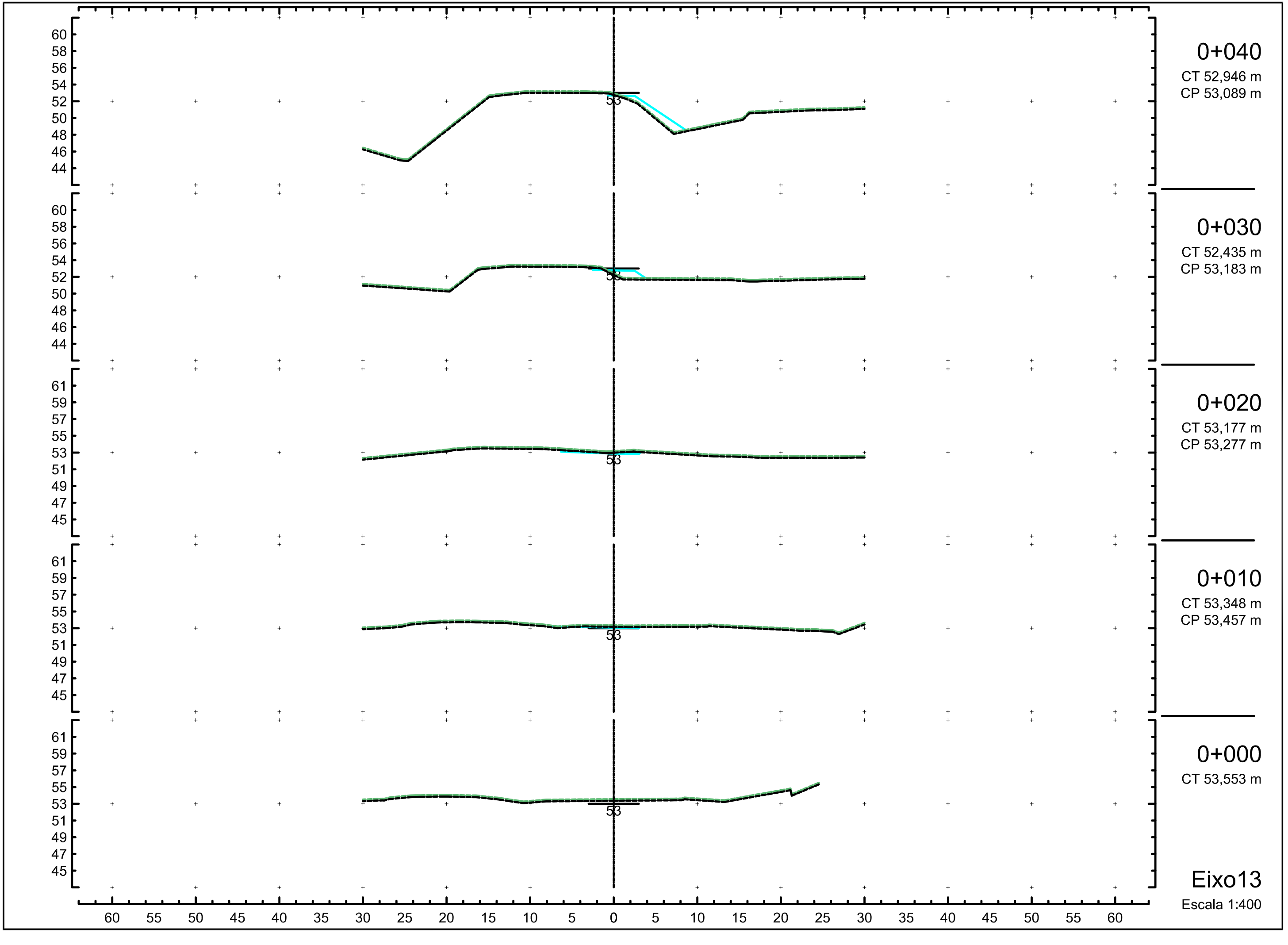
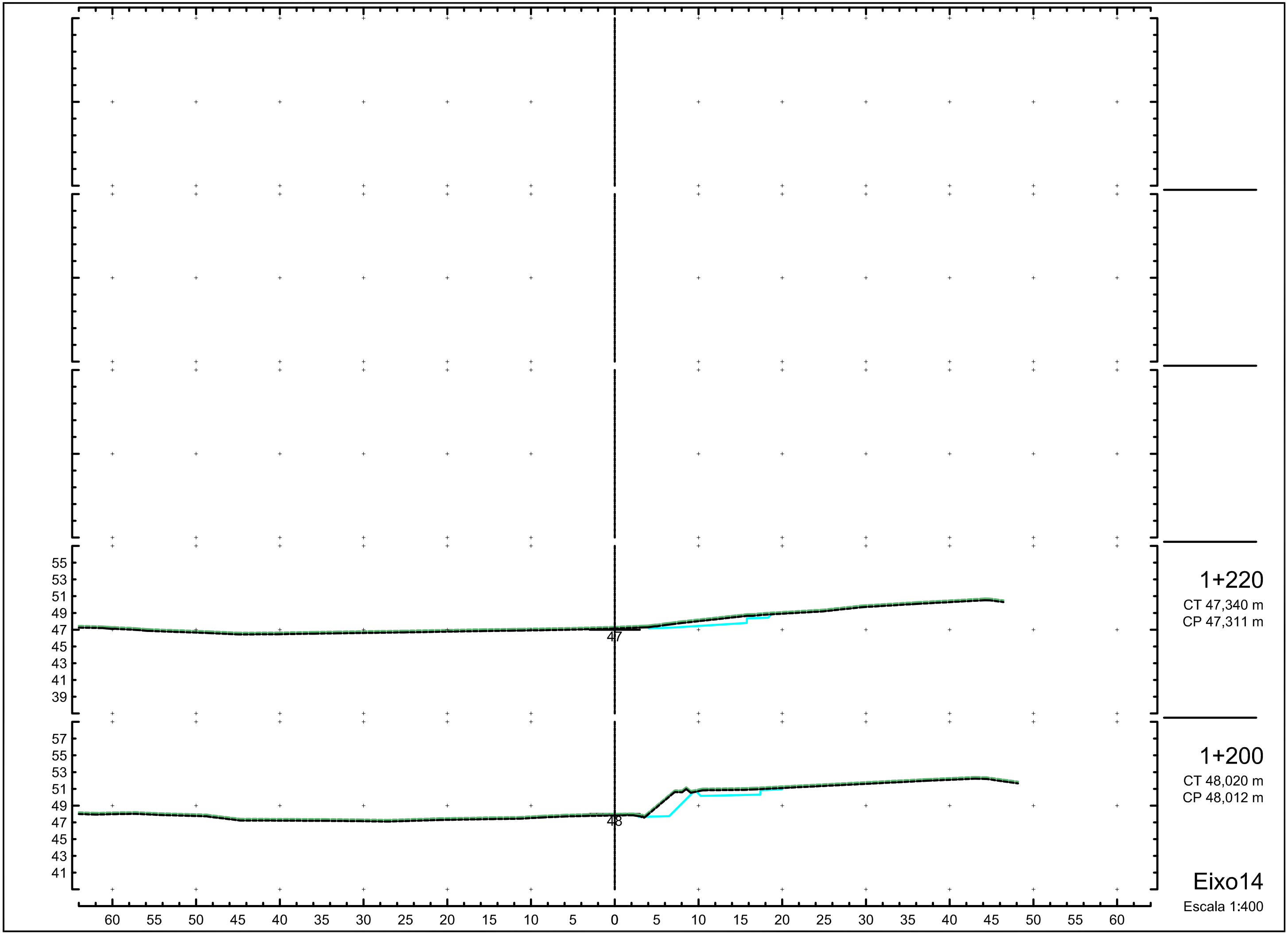

0+090
CT 52,319 m
CP 52,426 m
0+080
CT 52,368 m
CP 52,502 m
0+070
CT 52,481 m
CP 52,608 m
0+060
CT 52,601 m
CP 52,744 m
0+050
CT 52,848 m
CP 52,910 m
Eixo13
Escala 1:400


0+040
CT 52,946 m
CP 53,089 m
0+030
CT 52,435 m
CP 53,183 m
0+020
CT 53,177 m
CP 53,277 m
0+010
CT 53,348 m
CP 53,457 m
0+000
CT 53,553 m
Eixo13
Escala 1:400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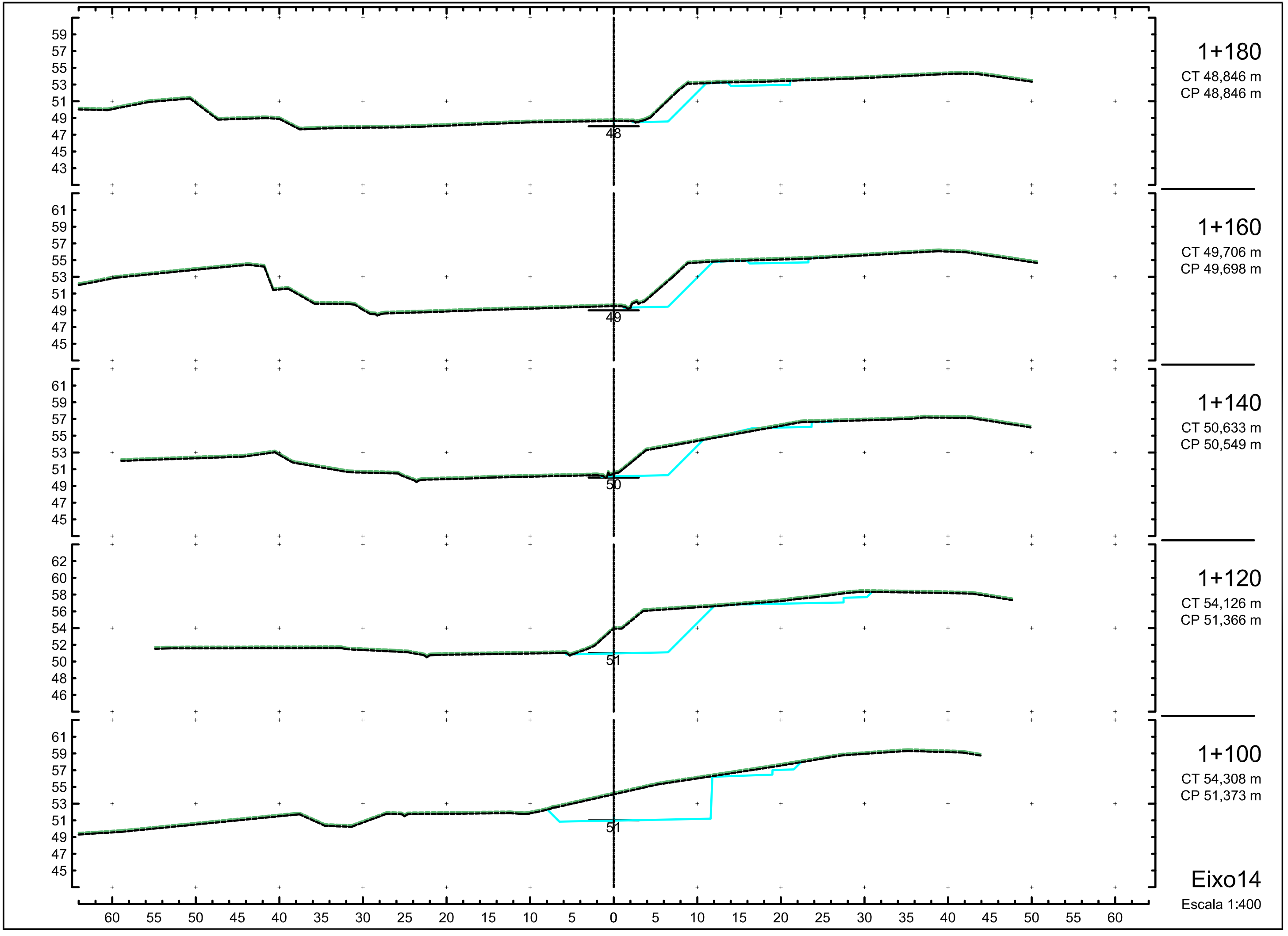
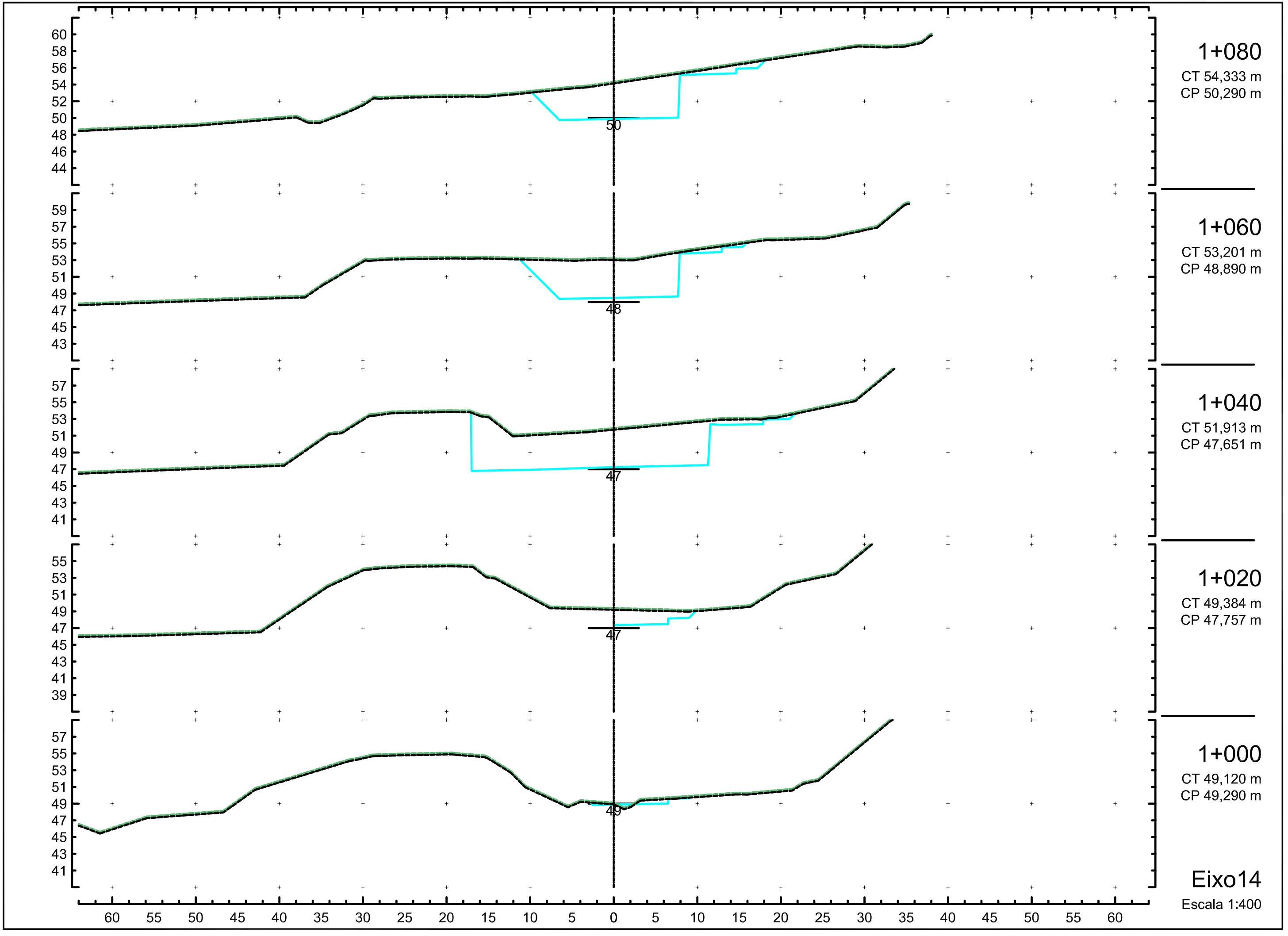
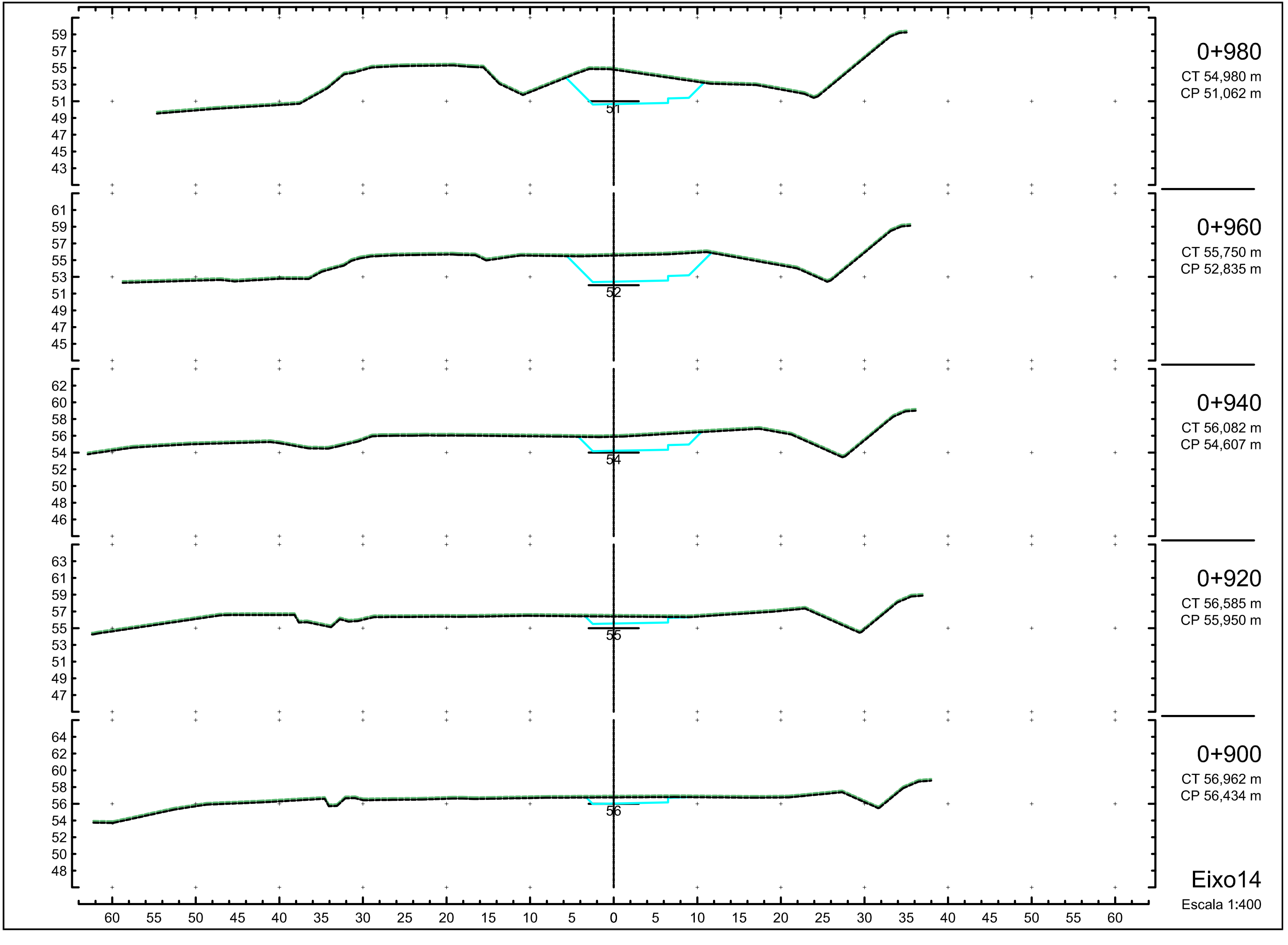
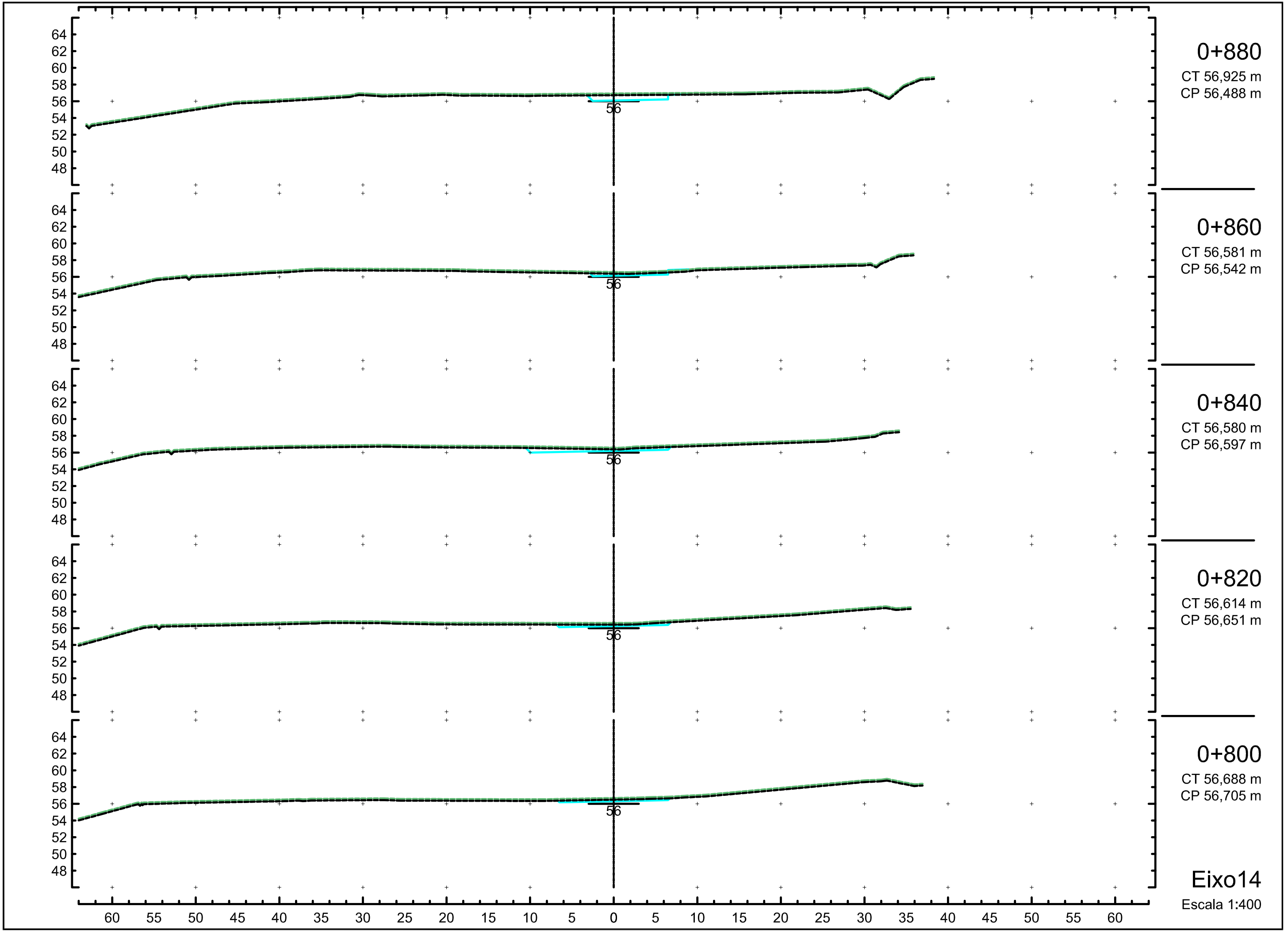
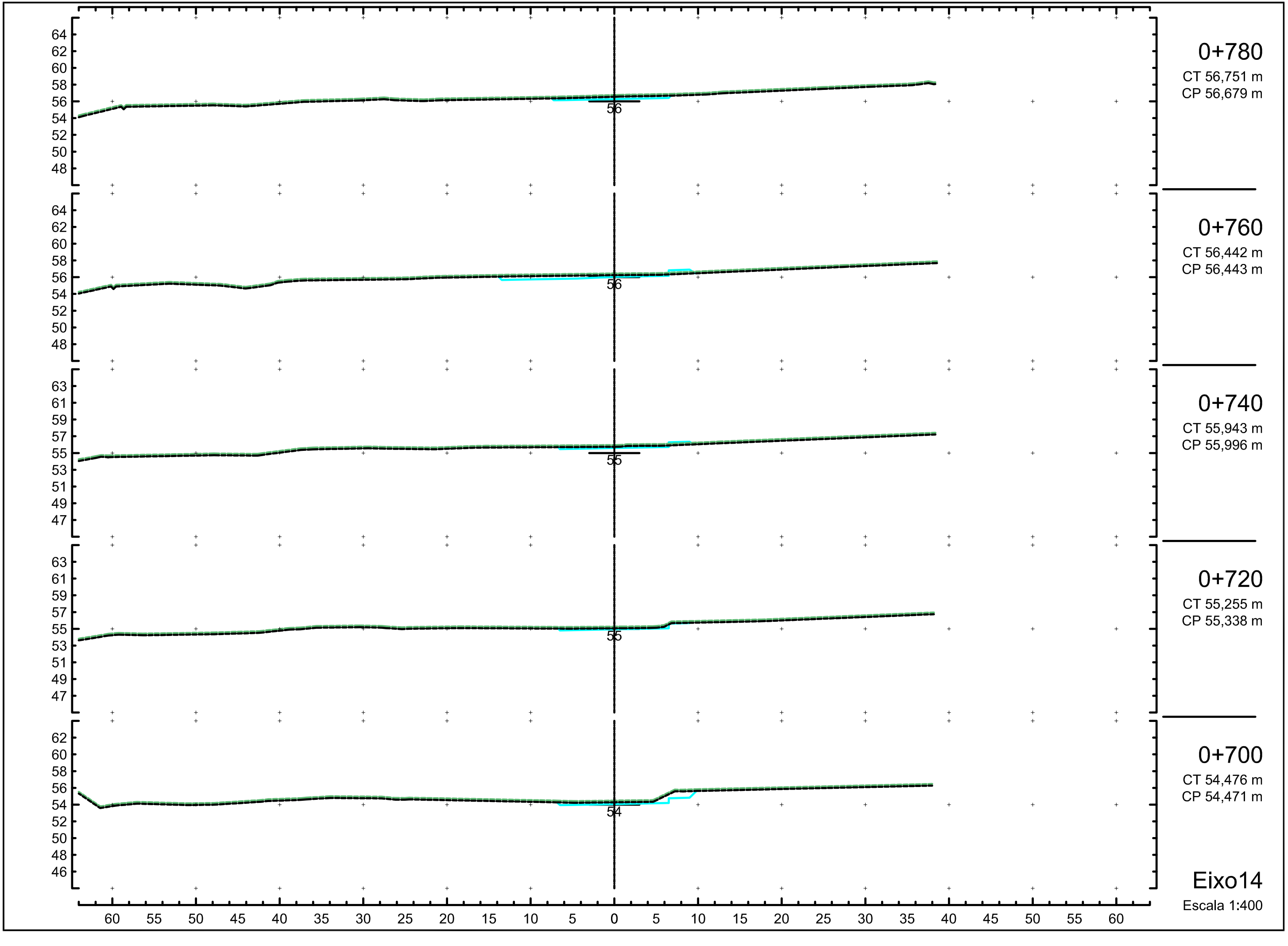
60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60
1+220
CT 47,340 m
CP 47,311 m
1+200
CT 48,020 m
CP 48,012 m
Eixo14
Escala 1:400

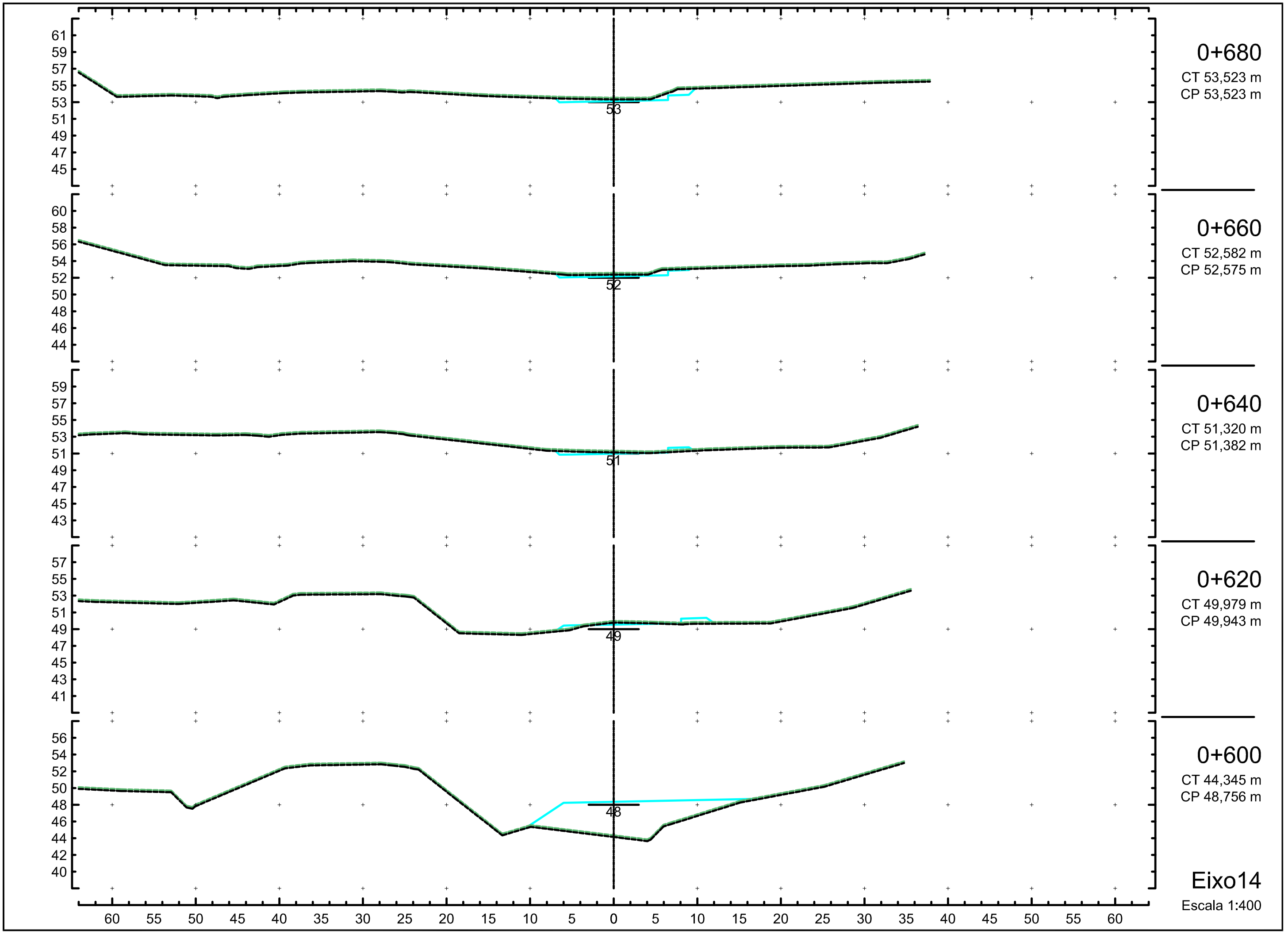

1+180
CT 48,846 m
CP 48,846 m
1+160
CT 49,706 m
CP 49,698 m
1+140
CT 50,633 m
CP 50,549 m
1+120
CT 54,126 m
CP 51,366 m
1+100
CT 54,308 m
CP 51,373 m
Eixo14
Escala 1:400

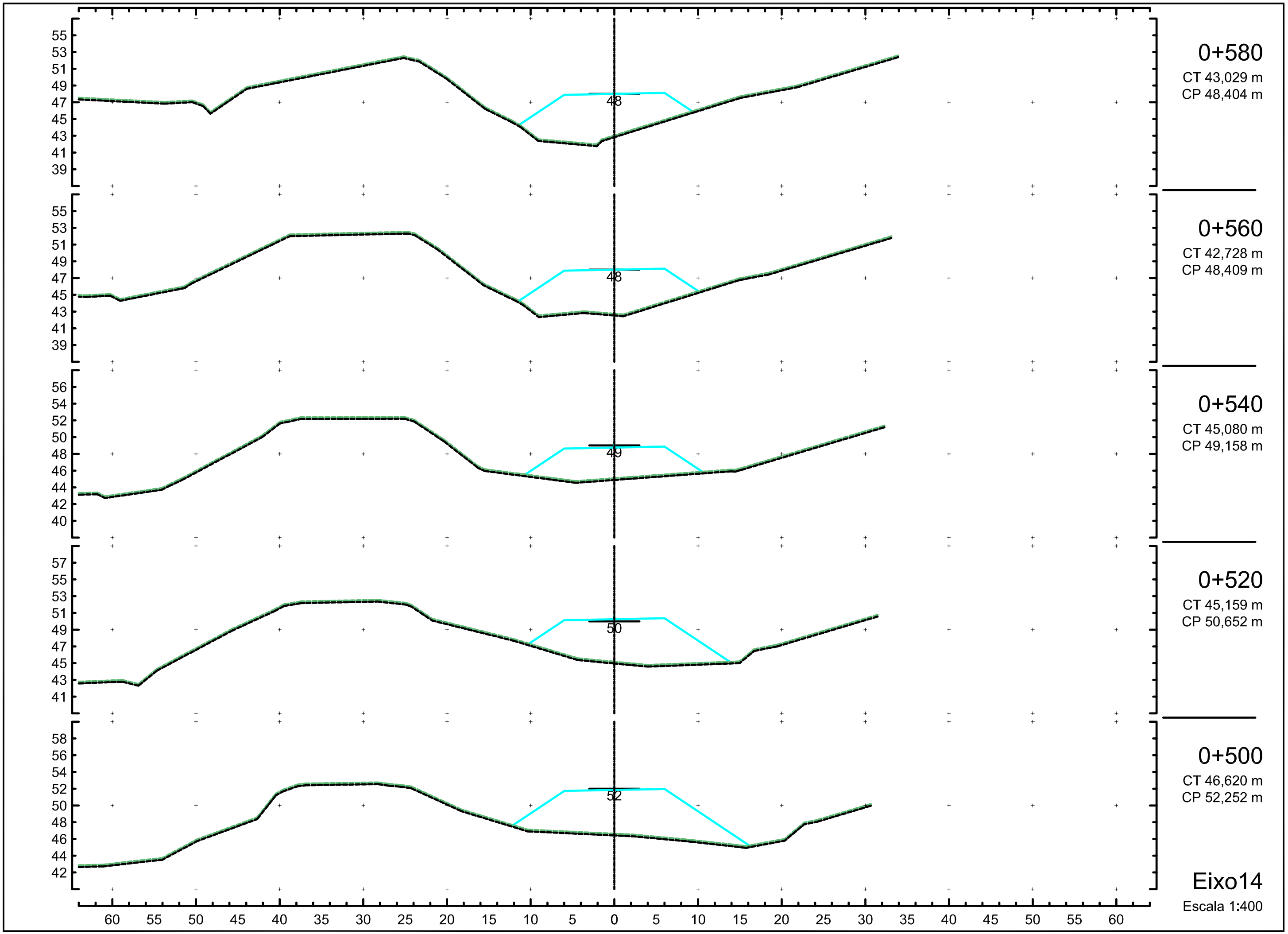

1+080
CT 54,333 m
CP 50,290 m
1+060
CT 53,201 m
CP 48,890 m
1+040
CT 51,913 m
CP 47,651 m
1+020
CT 49,384 m
CP 47,757 m
1+000
CT 49,120 m
CP 49,290 m
Eixo14
Escala 1:400

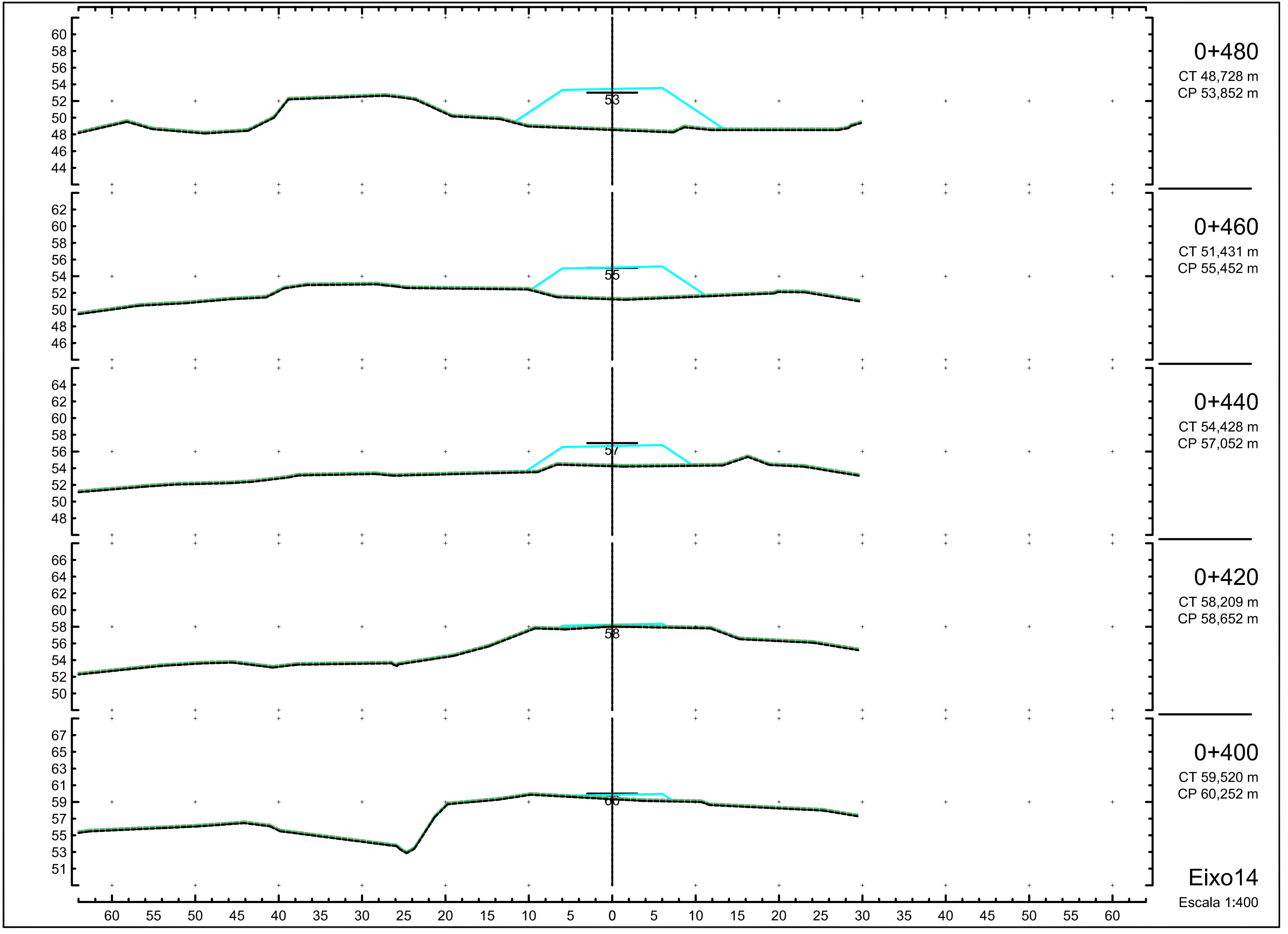

0+980
CT 54,980 m
CP 51,062 m
0+960
CT 55,750 m
CP 52,835 m
0+940
CT 56,082 m
CP 54,607 m
0+920
CT 56,585 m
CP 55,950 m
0+900
CT 56,962 m
CP 56,434 m
Eixo14
Escala 1:400

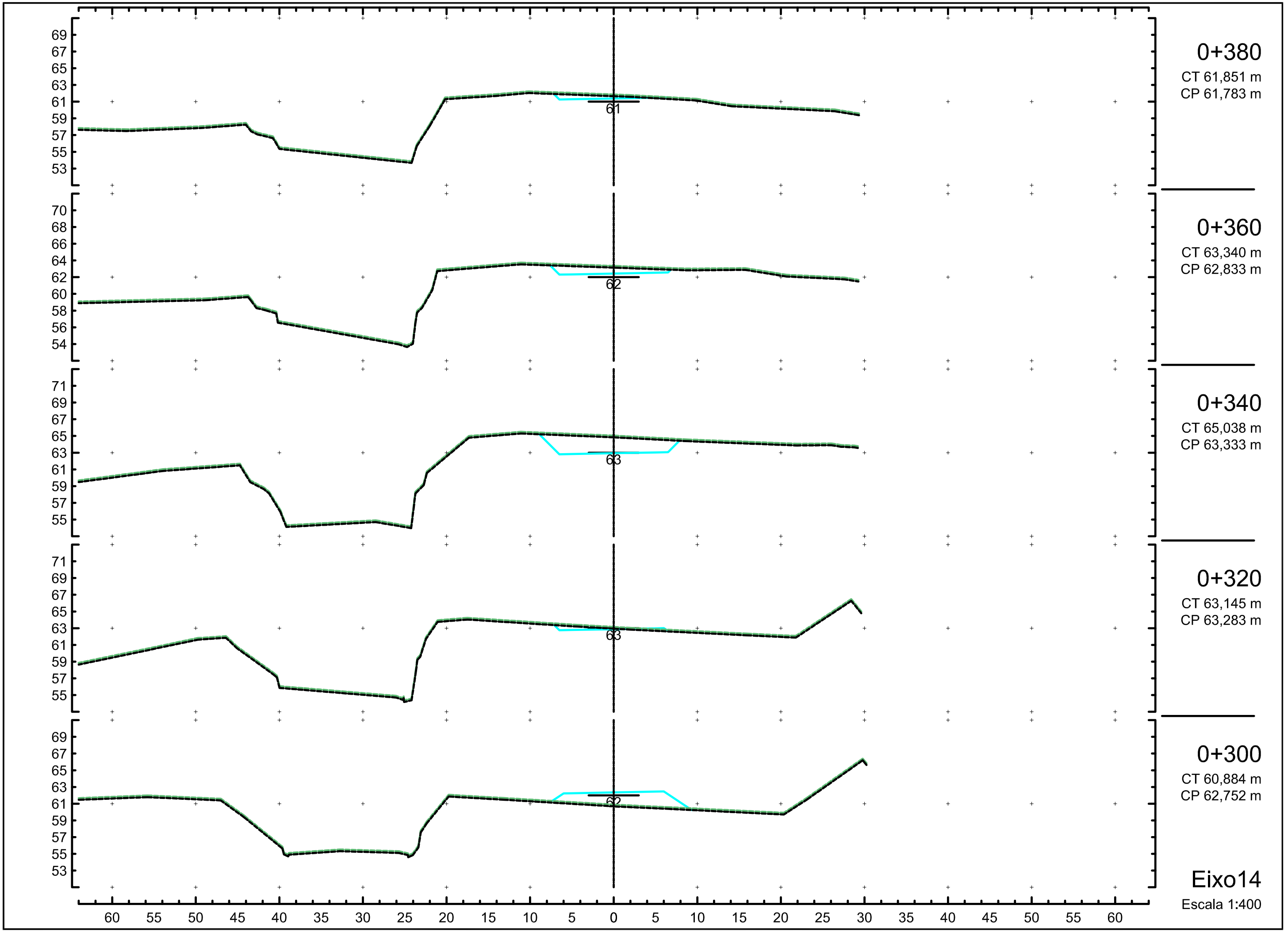

0+880
CT 56,925 m
CP 56,488 m
0+860
CT 56,581 m
CP 56,542 m
0+840
CT 56,580 m
CP 56,597 m
0+820
CT 56,614 m
CP 56,651 m
0+800
CT 56,688 m
CP 56,705 m
Eixo14
Escala 1:400
64
62
60
58
56
54
52
50
48
56
60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60

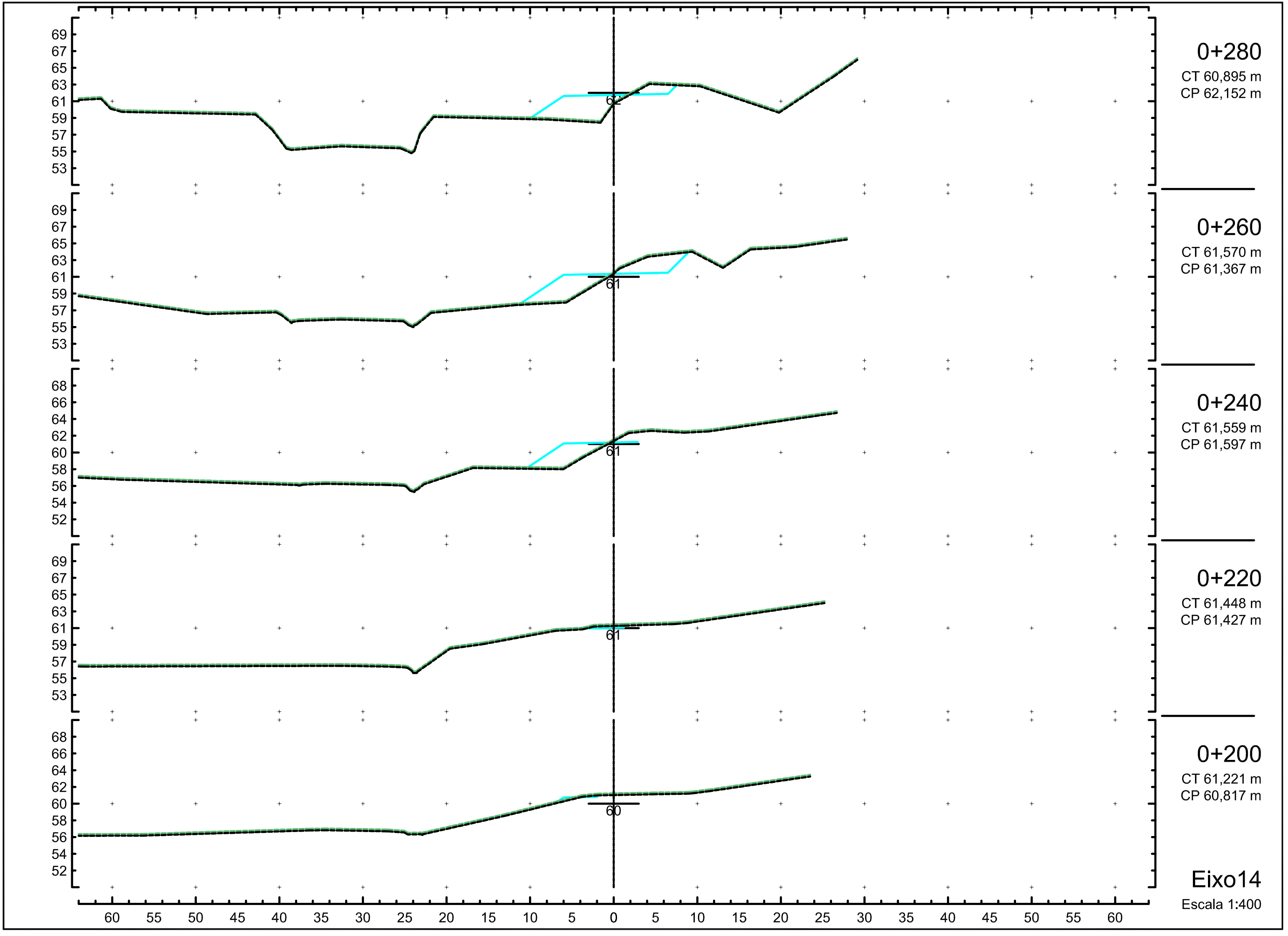

0+780
CT 56,751 m
CP 56,679 m
0+760
CT 56,442 m
CP 56,443 m
0+740
CT 55,943 m
CP 55,996 m
0+720
CT 55,255 m
CP 55,338 m
0+700
CT 54,476 m
CP 54,471 m
Eixo14
Escala 1:400

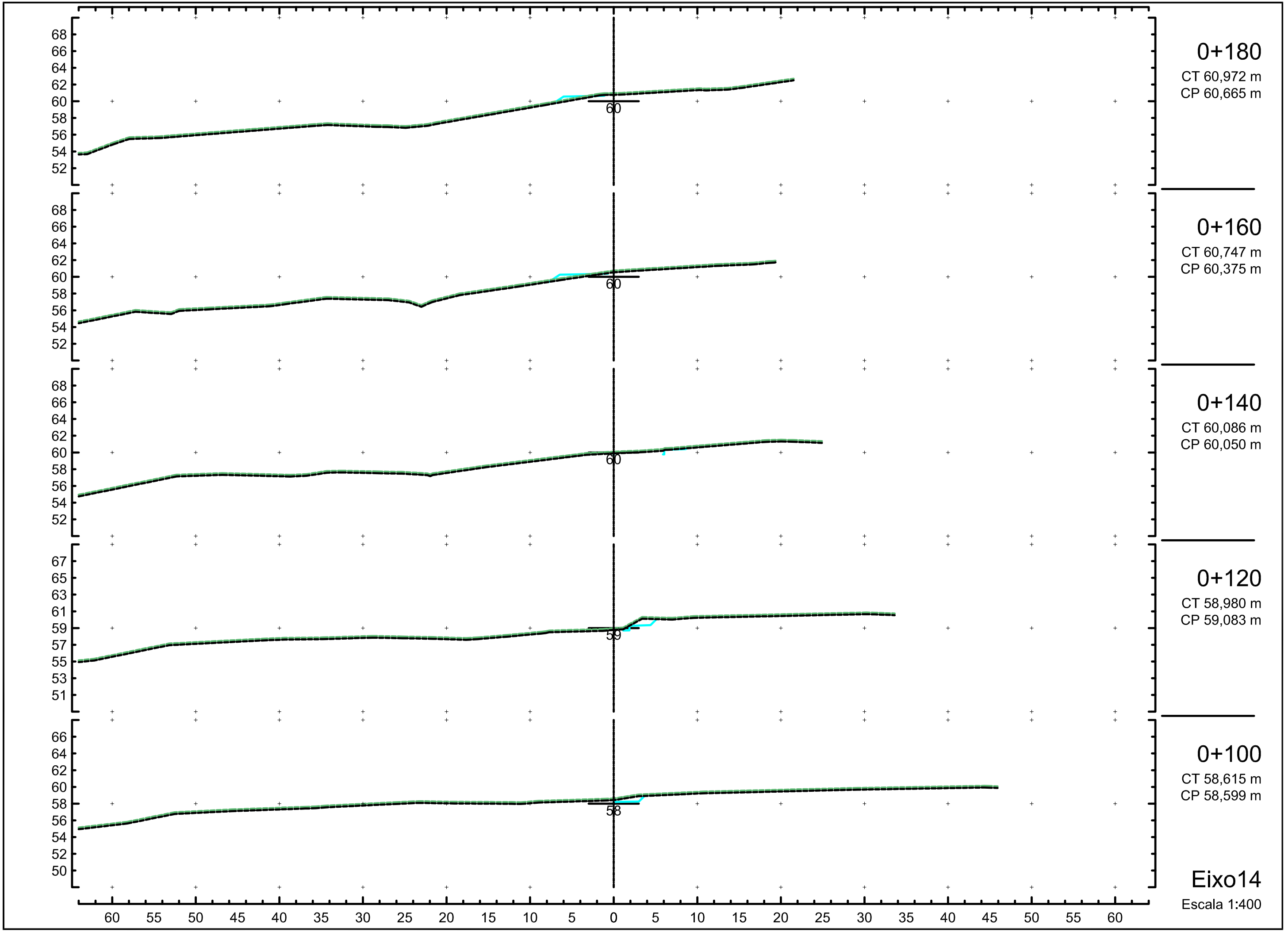

0+680
CT 53,523 m
CP 53,523 m
0+660
CT 52,582 m
CP 52,575 m
0+640
CT 51,320 m
CP 51,382 m
0+620
CT 49,979 m
CP 49,943 m
0+600
CT 44,345 m
CP 48,756 m
Eixo14
Escala 1:400

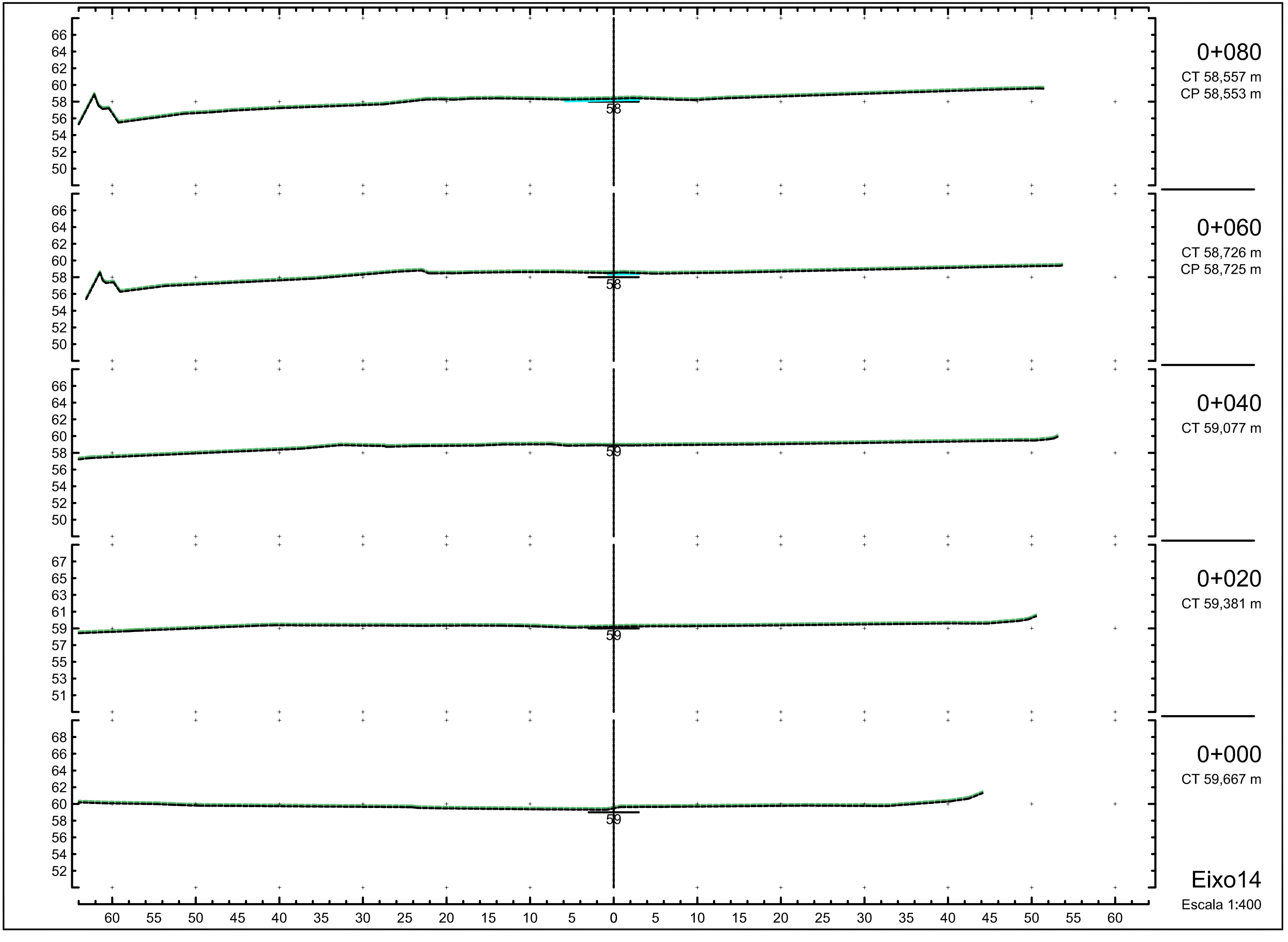

0+580
CT 43,029 m
CP 48,404 m
0+560
CT 42,728 m
CP 48,409 m
0+540
CT 45,080 m
CP 49,158 m
0+520
CT 45,159 m
CP 50,652 m
0+500
CT 46,620 m
CP 52,252 m
Eixo14
Escala 1:400

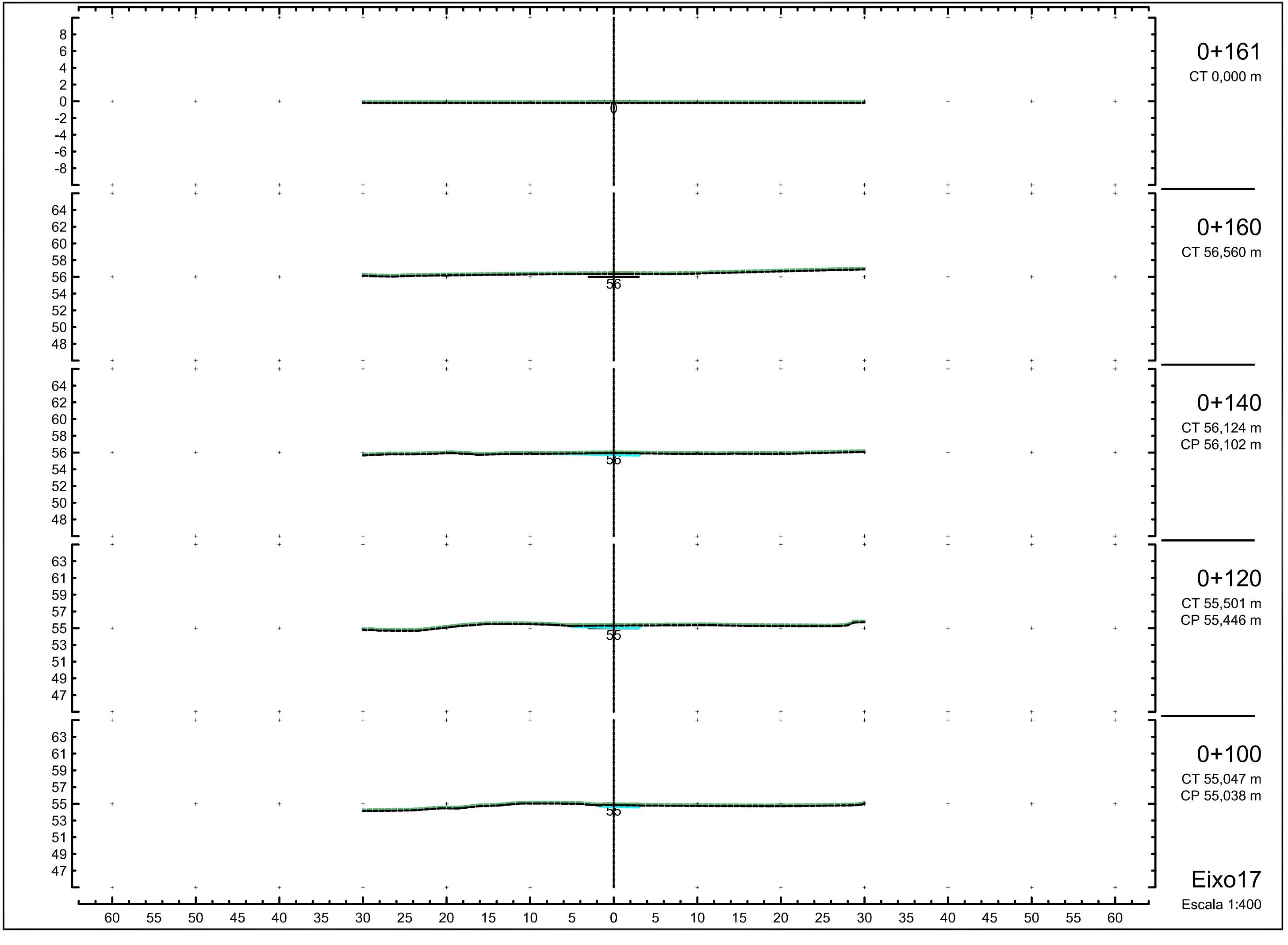

0+480
CT 48,728 m
CP 53,852 m
0+460
CT 51,431 m
CP 55,452 m
0+440
CT 54,428 m
CP 57,052 m
0+420
CT 58,209 m
CP 58,652 m
0+400
CT 59,520 m
CP 60,252 m
Eixo14
Escala 1:400

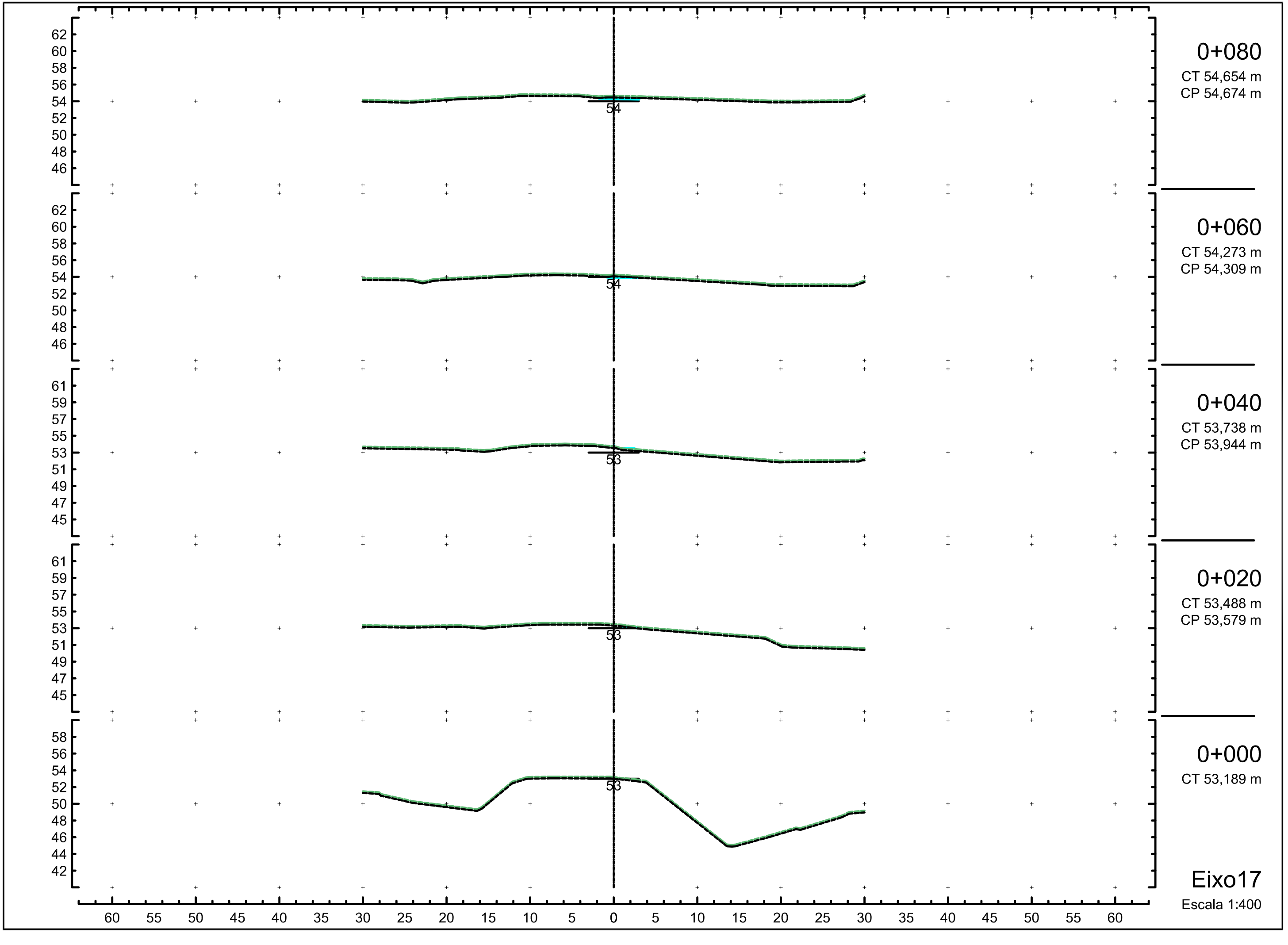

0+380
CT 61,851 m
CP 61,783 m
0+360
CT 63,340 m
CP 62,833 m
0+340
CT 65,038 m
CP 63,333 m
0+320
CT 63,145 m
CP 63,283 m
0+300
CT 60,884 m
CP 62,752 m
Eixo14
Escala 1:400

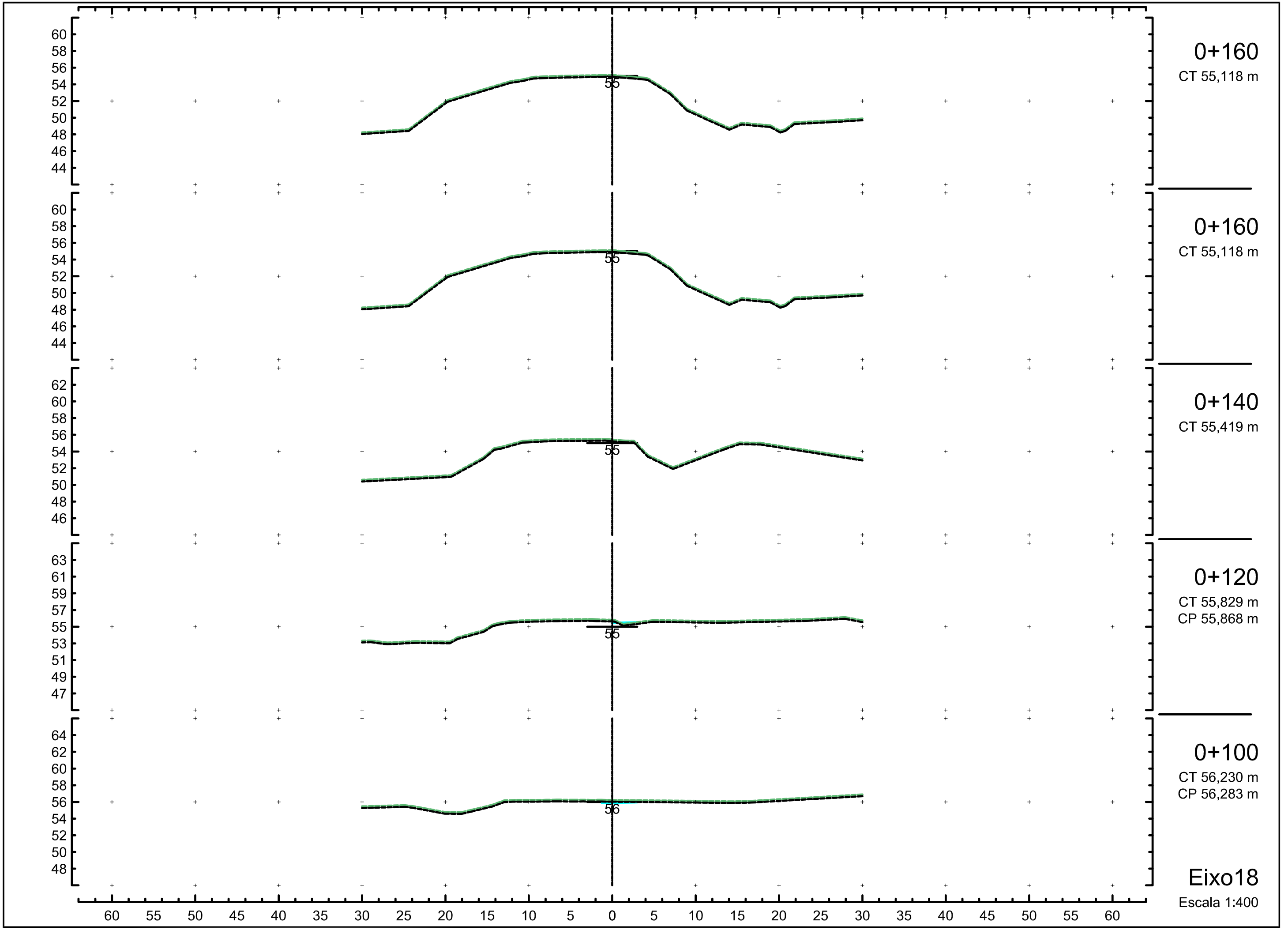

0+280
CT 60,895 m
CP 62,152 m
0+260
CT 61,570 m
CP 61,367 m
0+240
CT 61,559 m
CP 61,597 m
0+220
CT 61,448 m
CP 61,427 m
0+200
CT 61,221 m
CP 60,817 m
Eixo14
Escala 1:400

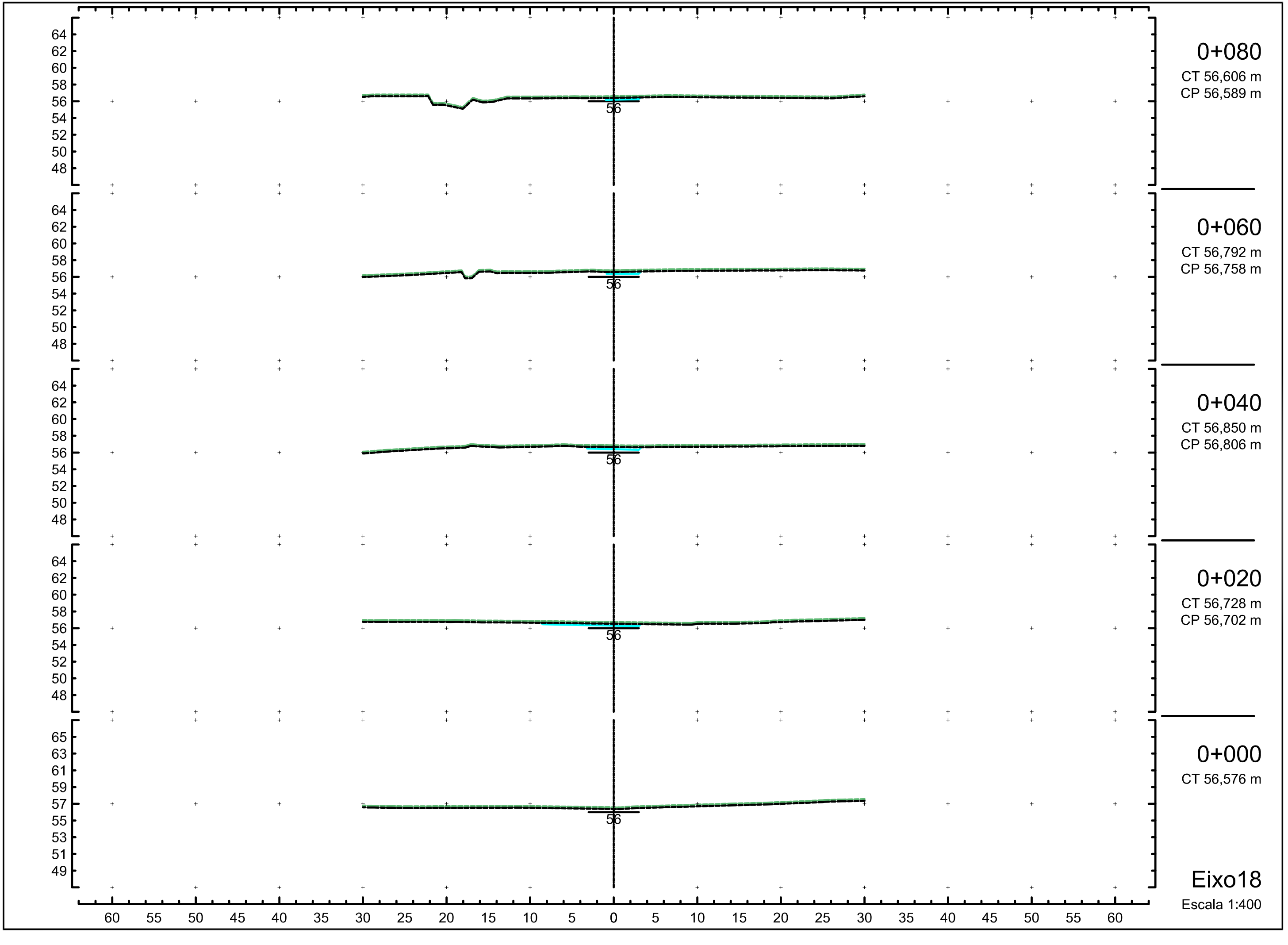

0+180
CT 60,972 m
CP 60,665 m
0+160
CT 60,747 m
CP 60,375 m
0+140
CT 60,086 m
CP 60,050 m
0+120
CT 58,980 m
CP 59,083 m
0+100
CT 58,615 m
CP 58,599 m
Eixo14
Escala 1:400

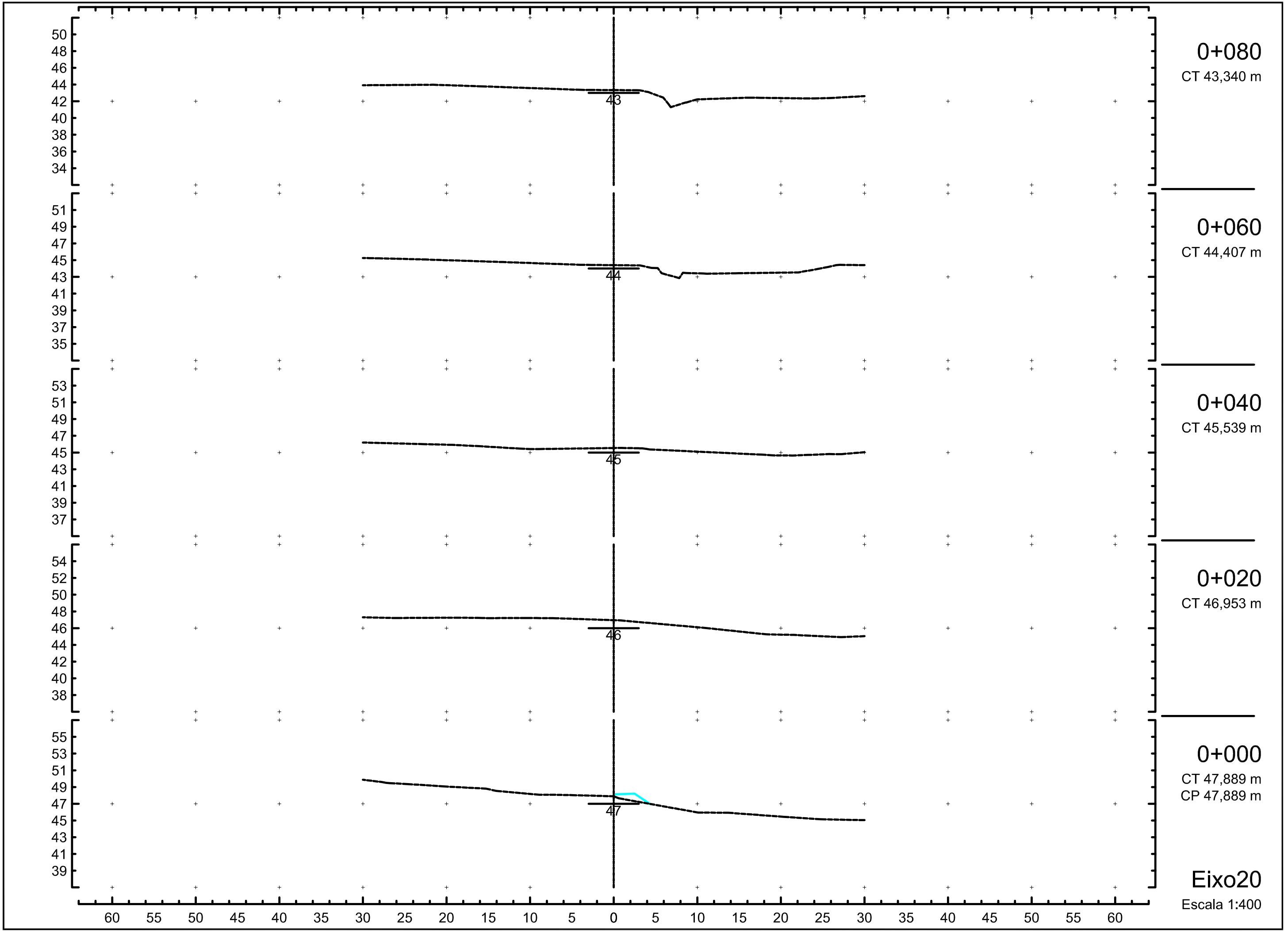

0+080
CT 58,557 m
CP 58,553 m
0+060
CT 58,726 m
CP 58,725 m
0+040
CT 59,077 m
0+020
CT 59,381 m
0+000
CT 59,667 m
Eixo14
Escala 1:400

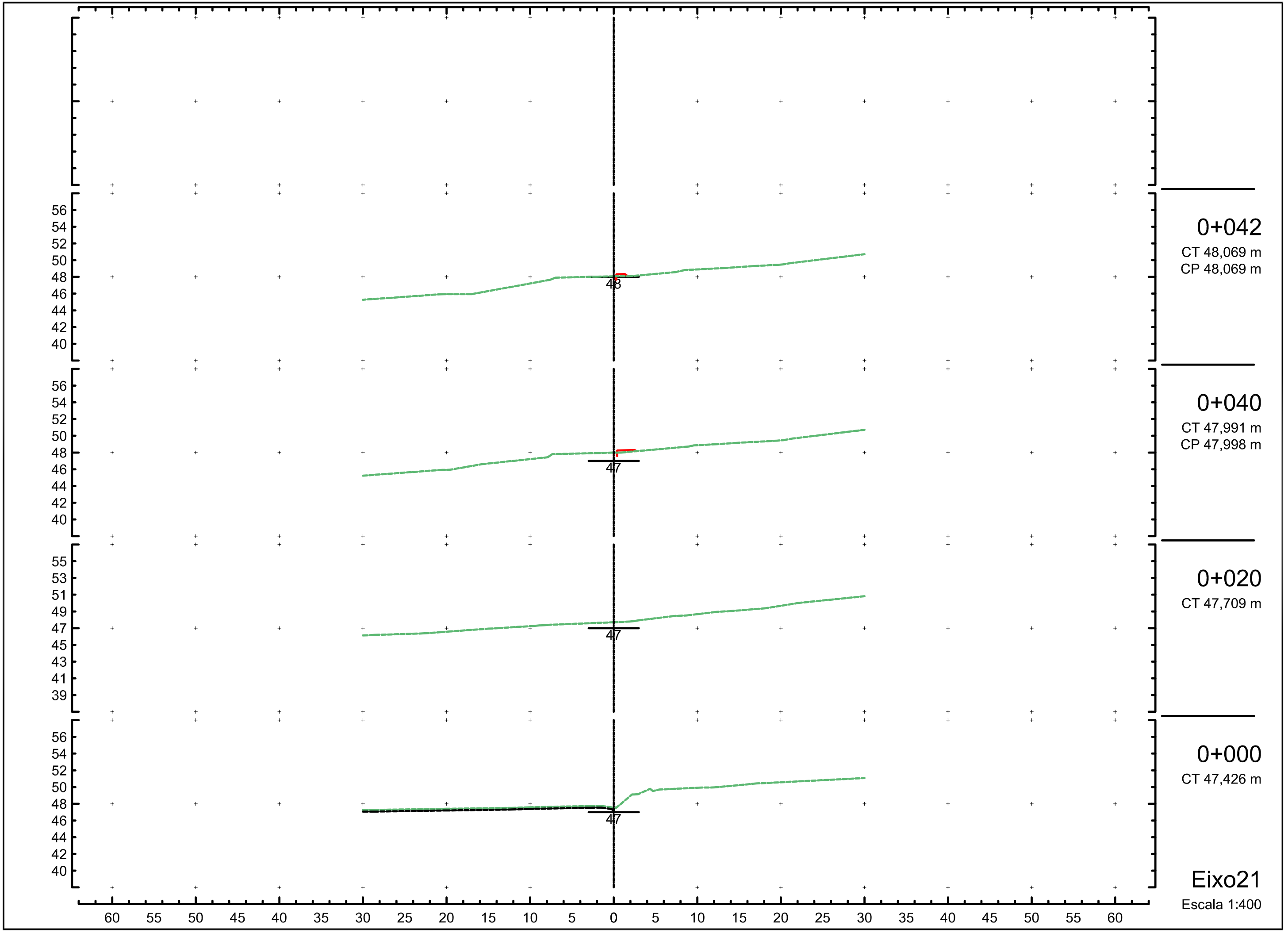

0+161
CT 0,000 m
0+160
CT 56,560 m
0+140
CT 56,124 m
CP 56,102 m
0+120
CT 55,501 m
CP 55,446 m
0+100
CT 55,047 m
CP 55,038 m
Eixo17
Escala 1:400

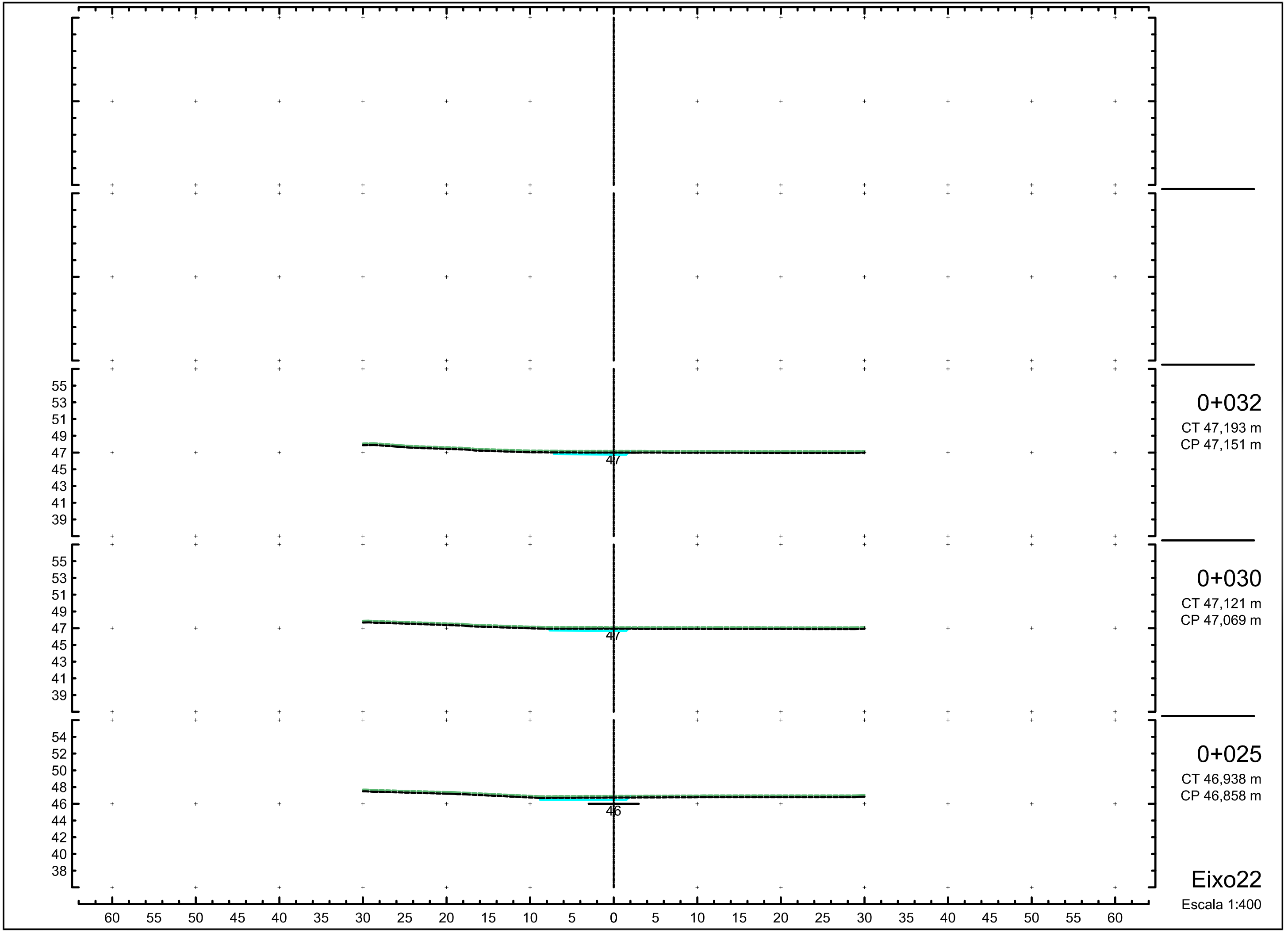

0+080
CT 54,654 m
CP 54,674 m
0+060
CT 54,273 m
CP 54,309 m
0+040
CT 53,738 m
CP 53,944 m
0+020
CT 53,488 m
CP 53,579 m
0+000
CT 53,189 m
Eixo17
Escala 1:400

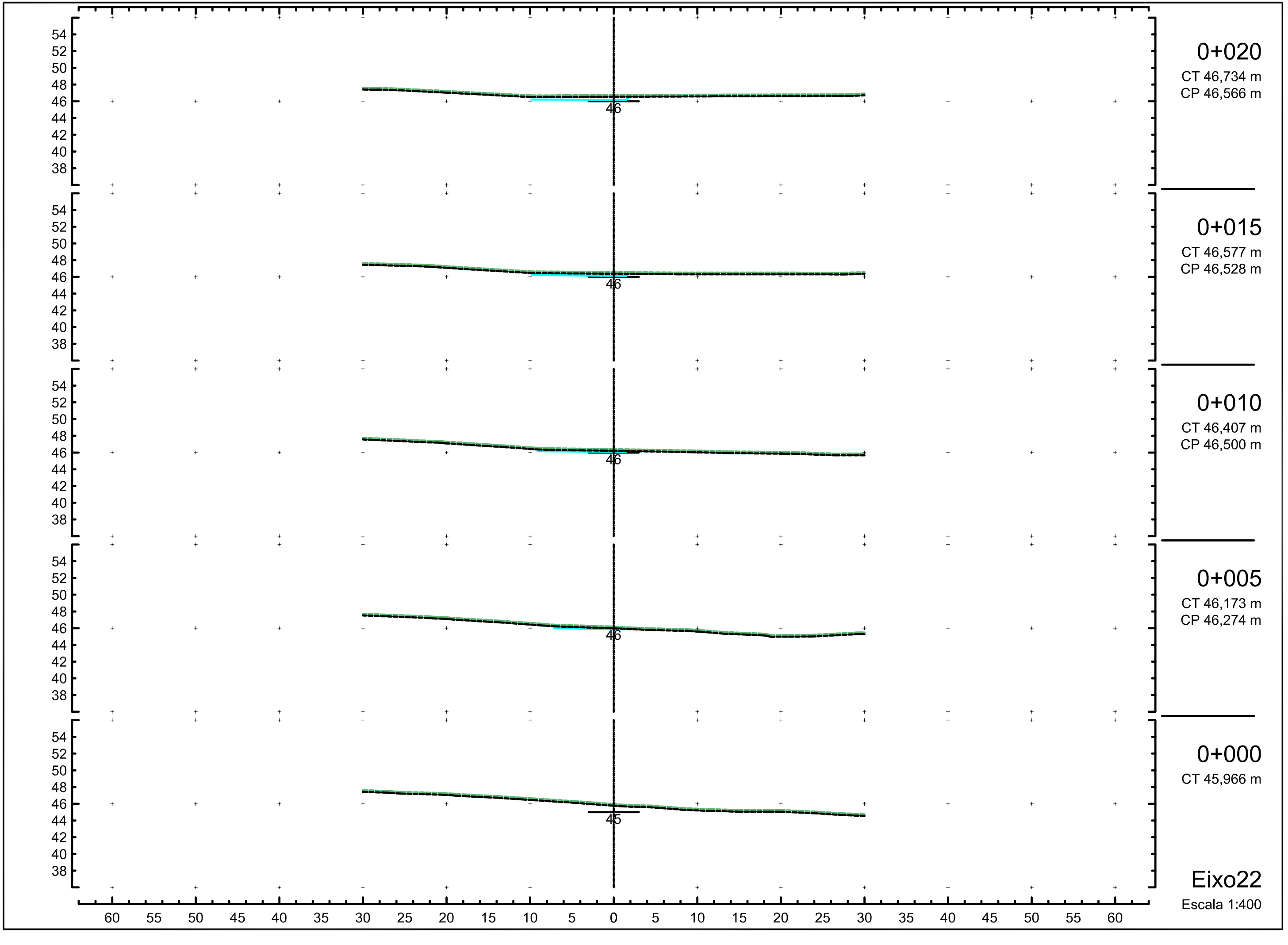

0+160
CT 55,118 m
0+160
CT 55,118 m
0+140
CT 55,419 m
0+120
CT 55,829 m
CP 55,868 m
0+100
CT 56,230 m
CP 56,283 m
Eixo18
Escala 1:400

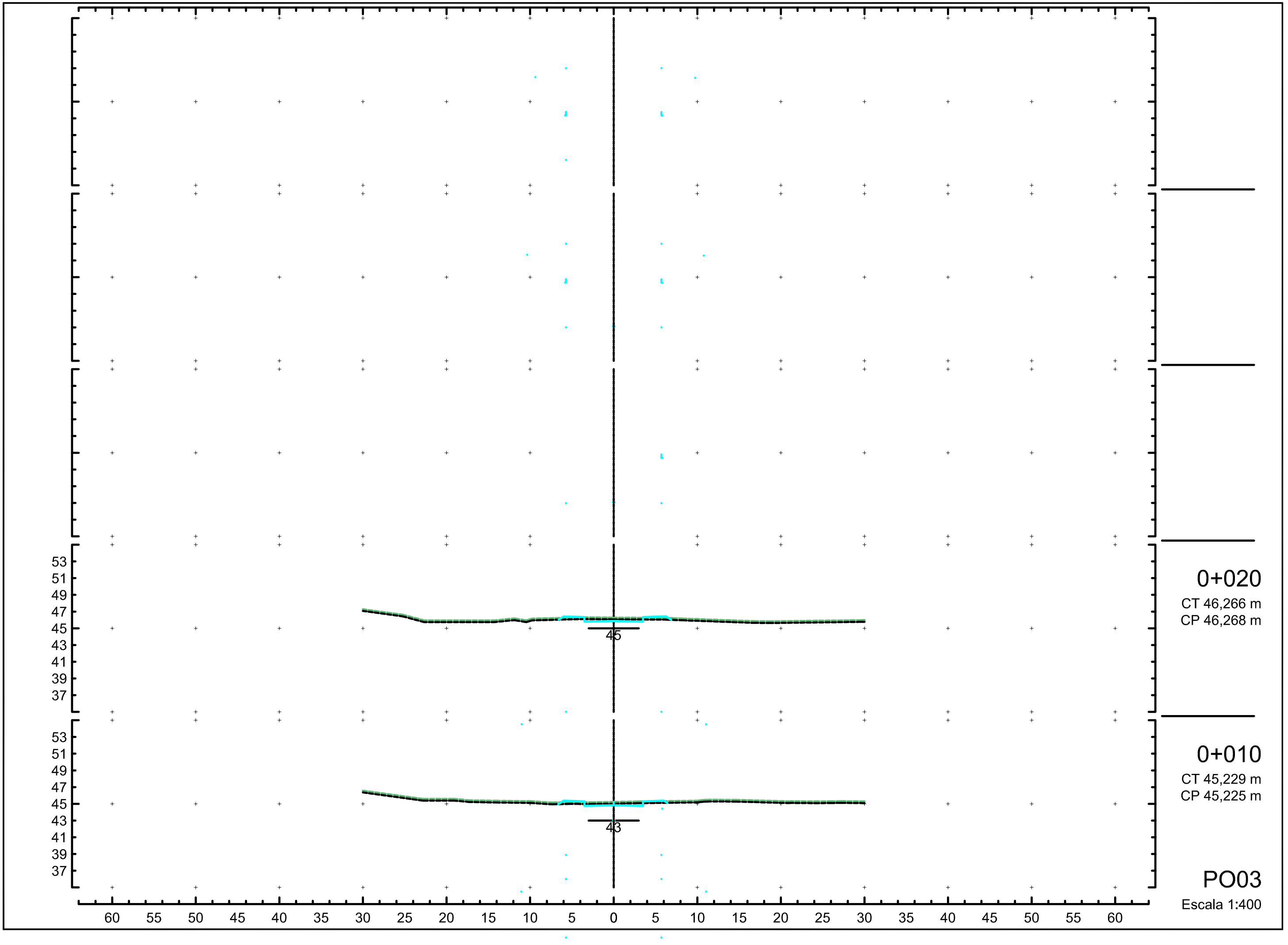

0+080
CT 56,606 m
CP 56,589 m
0+060
CT 56,792 m
CP 56,758 m
0+040
CT 56,850 m
CP 56,806 m
0+020
CT 56,728 m
CP 56,702 m
0+000
CT 56,576 m
Eixo18
Escala 1:400


0+080
CT 43,340 m
0+060
CT 44,407 m
0+040
CT 45,539 m
0+020
CT 46,953 m
0+000
CT 47,889 m
CP 47,889 m
Eixo20
Escala 1:400

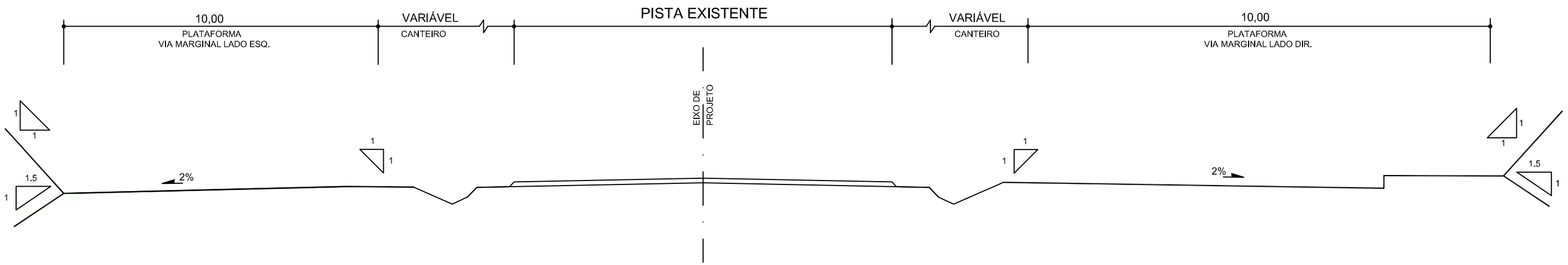

0+042
CT 48,069 m
CP 48,069 m
0+040
CT 47,991 m
CP 47,998 m
0+020
CT 47,709 m
0+000
CT 47,426 m
Eixo21
Escala 1:400


55
53
51
49
47
45
43
41
39
47
0+032
CT 47,193 m
CP 47,151 m
55
53
51
49
47
45
43
41
39
47
0+030
CT 47,121 m
CP 47,069 m
54
52
50
48
46
44
42
40
38
46
0+025
CT 46,938 m
CP 46,858 m
Eixo22
Escala 1:400
60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60


0+020
CT 46,734 m
CP 46,566 m
0+015
CT 46,577 m
CP 46,528 m
0+010
CT 46,407 m
CP 46,500 m
0+005
CT 46,173 m
CP 46,274 m
0+000
CT 45,966 m
Eixo22
Escala 1:400
54
52
50
48
46
44
42
40
38
46
45
60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60


53
51
49
47
45
43
41
39
37
45
53
51
49
47
45
43
41
39
37
43
60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60
0+020
CT 46,266 m
CP 46,268 m
0+010
CT 45,229 m
CP 45,225 m
PO03
Escala 1:400

SEÇÃO TRANSVERSAL TIPO DE TERRAPLENAGEM
VIAS MARGINAIS A RS 130



Legenda:

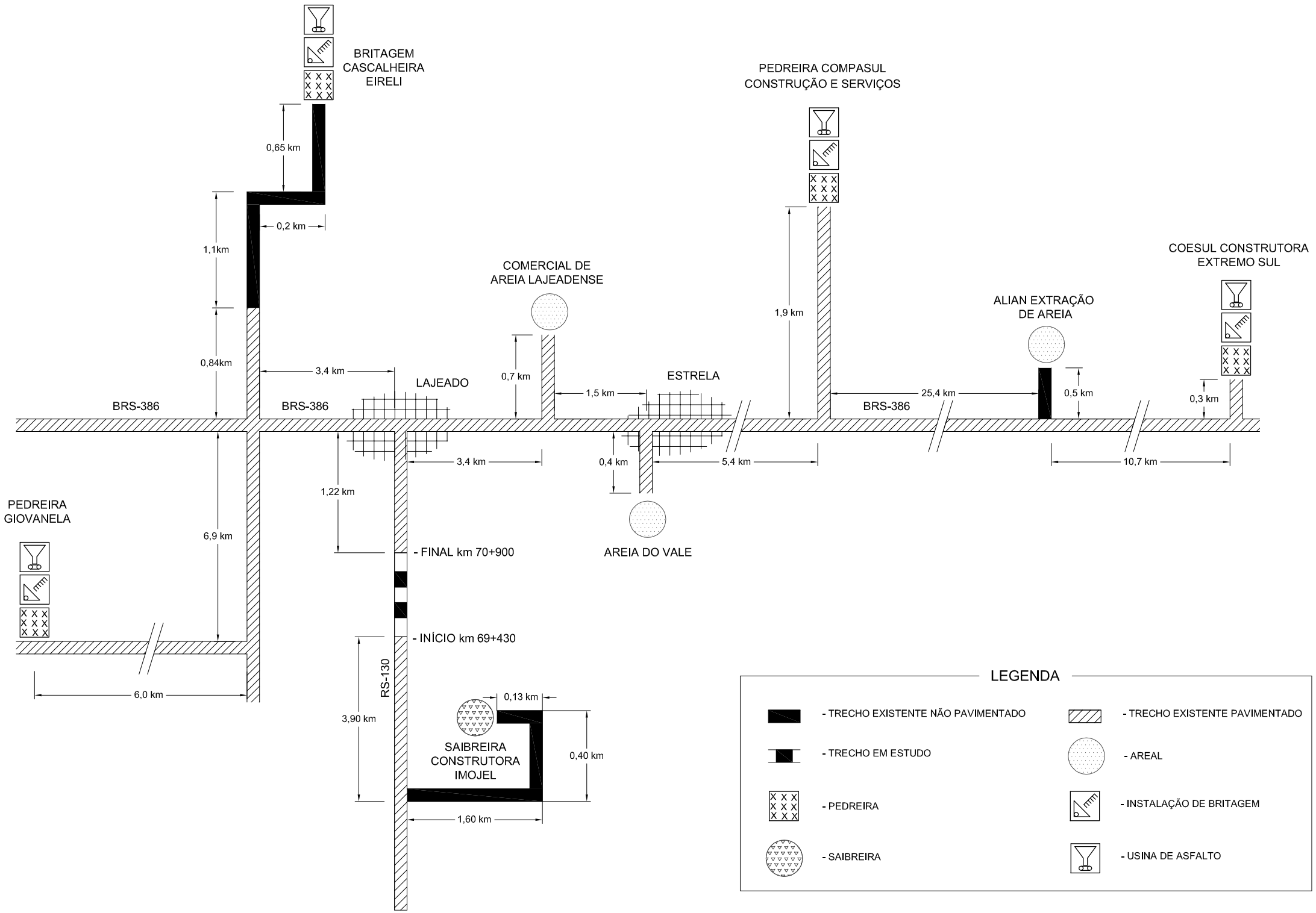
Controle de revisões:

nº ordem	desc. da alteração	data	resp. alt.	aprov.

PREFEITURA MUNICIPAL DE LAJEADO

Data: SET/21	LOCAL: IMPLANTAÇÃO DE VIAS MARGINAIS ERS 130 - TRECHO LAJEADO TRECHO: Entr. RSC-453 (A) (p/ Venâncio Aires) – Entr. ERS-129 (p/ Roca Sales) km 69+430 ao km 70+900 EXTENSÃO: 1,47 km ÁREA TOTAL: 31.616,00m²	Resp. Técnico:	Prefeitura Municipal:
Escala: 1/1000	Título: PROJETO BÁSICO DE PAVIMENTAÇÃO - INFRAESTRUTURA	Assunto: SEÇÃO TIPO DE TERRAPLENAGEM	Desenho: Prancha: 01

ESQUEMA DE LOCALIZAÇÃO DAS OCORRÊNCIAS



LEGENDA

- TRECHO EXISTENTE NÃO PAVIMENTADO
- TRECHO EXISTENTE PAVIMENTADO
- TRECHO EM ESTUDO
- AREAL
- PEDREIRA
- INSTALAÇÃO DE BRITAGEM
- SAIBREIRA
- USINA DE ASFALTO

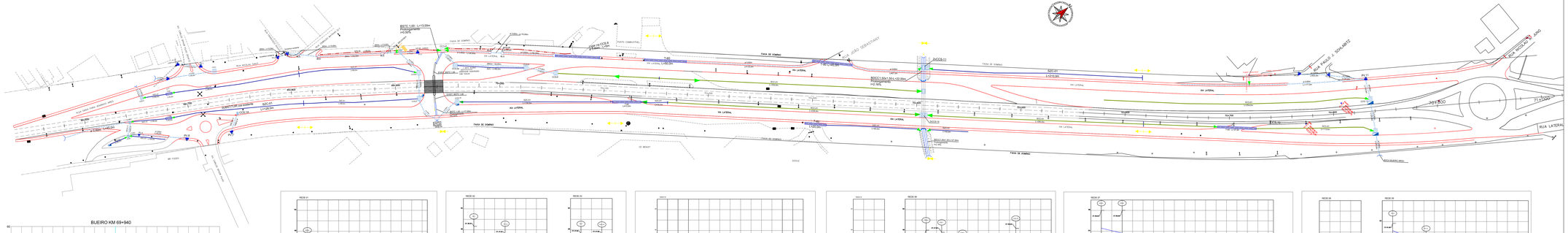
PREFEITURA MUNICIPAL DE LAJEADO

LOCAL: IMPLANTAÇÃO DE VIAS MARGINAIS ERS 130 - TRECHO LAJEADO
TRECHO: Entr. RSC-453 (A) (p/ Venâncio Aires) – Entr. ERS-129 (p/ Roca Sales) km 69+430 ao km 70+900
EXTENSÃO: 1,47 km
ÁREA TOTAL: 31.616,00m²

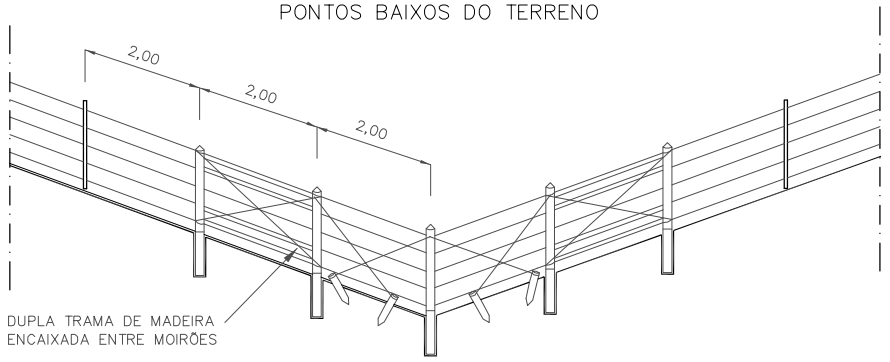
PROJETO BÁSICO DE PAVIMENTAÇÃO - INFRAESTRUTURA

LOCALIZ. DE FORNECEDORES

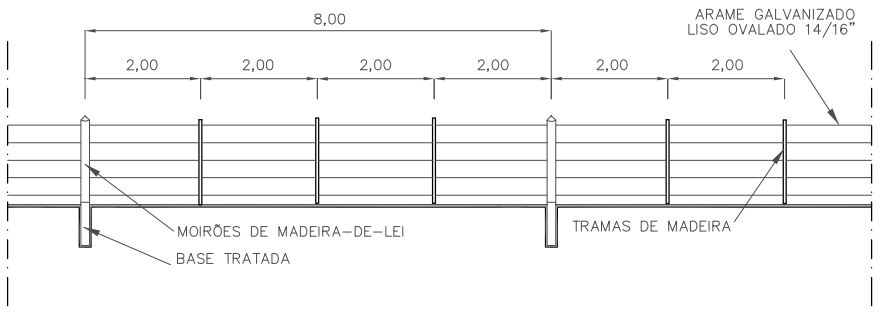
Prancha: 01


BSTC 1.00 - L=13.00m
REVESTIMENTO
I=0.50%
RUA ANTONIO SIMÕES
RUA PAULO J. BONAMETZ
RUA ANTONIO SIMÕES
RUA LATERAL
RUA LATERAL
RUA LATERAL

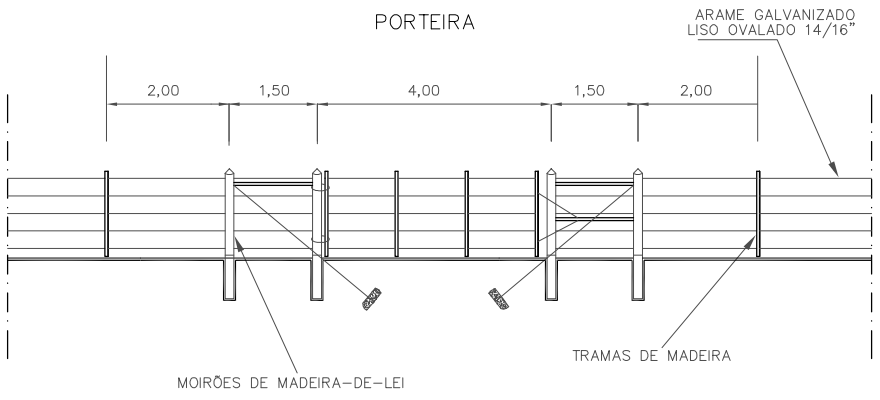
PONTOS BAIXOS DO TERRENO



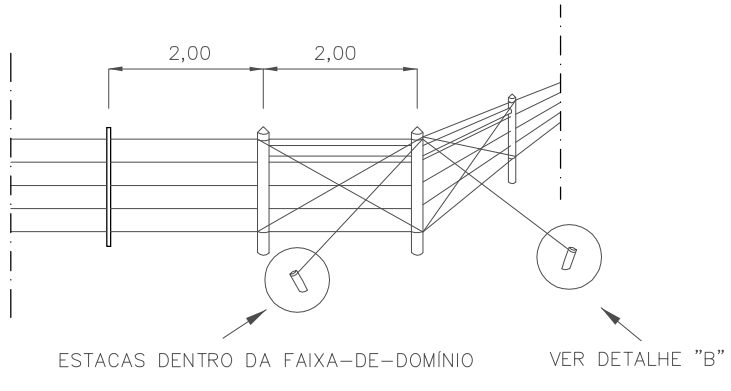
ALINHAMENTO EM RETA



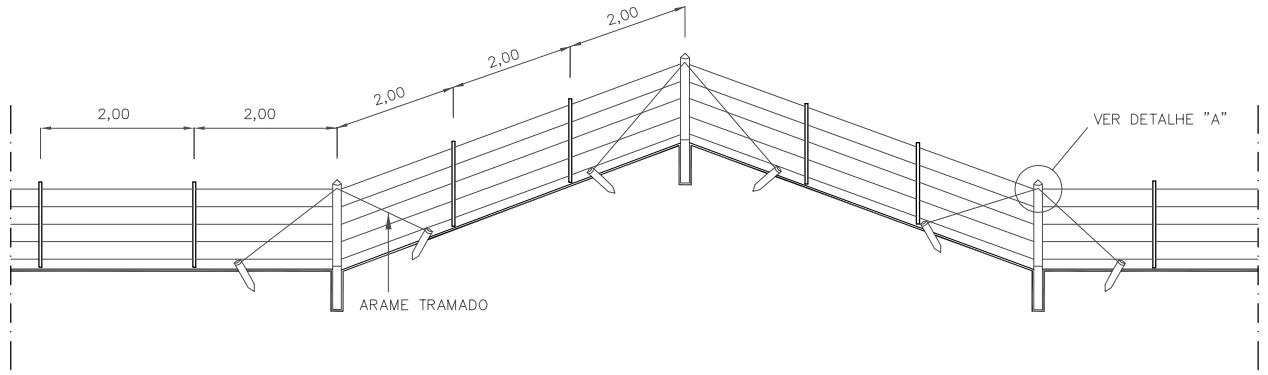
PORTEIRA



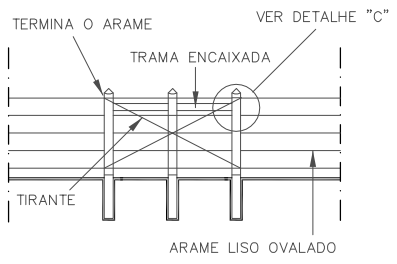
CANTO DA CERCA



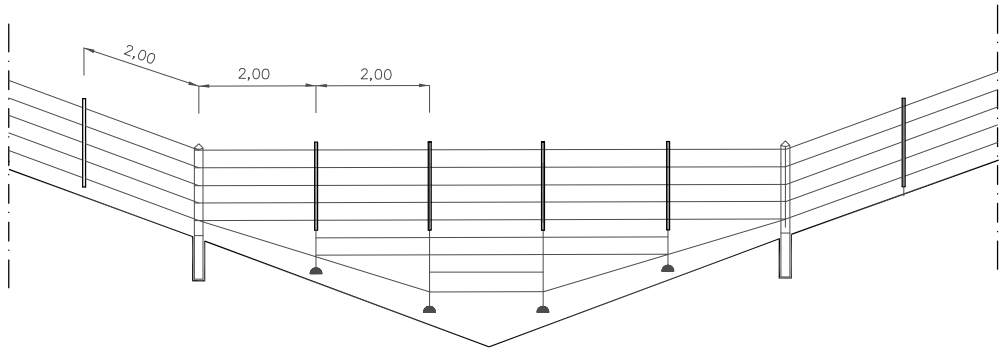
AMARRAÇÃO COM ESTACAS EM TOPOS DE COXILHAS OU PONTOS ALTOS DO TERRENO

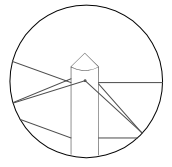


SISTEMA DE AMARRAÇÃO

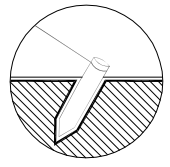


FUNDOS DE SANGA

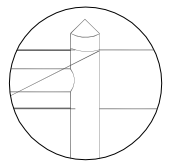




DETALHE "A"

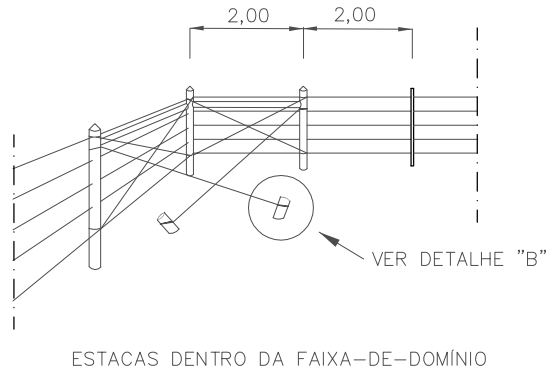


DETALHE "B"



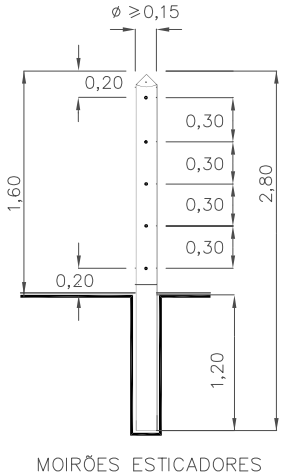
DETALHE "C"

CANTO DA CERCA

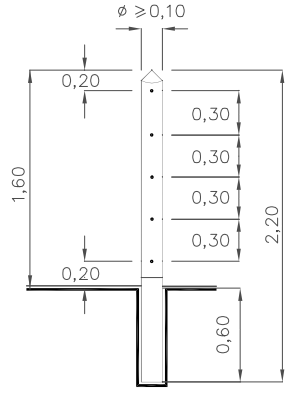


ESTACAS DENTRO DA FAIXA-DE-DOMÍNIO

MOIRÕES DE MADEIRA

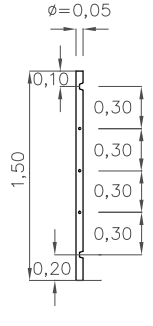


MOIRÕES ESTICADORES



MOIRÕES DE SUPORTE

TRAMA DE MADEIRA



Legenda:

OBS: MEDIDAS EM METROS (m)

Controle de revisões:

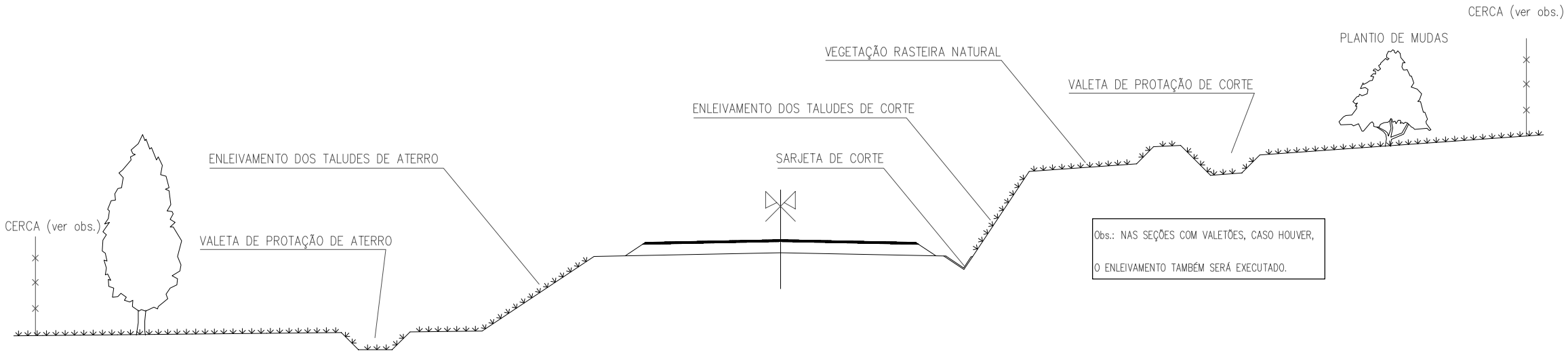
nº ordem	desc. da alteração	data	resp. alt.	aprov.

PREFEITURA MUNICIPAL DE LAJEADO

Data: SET/21	LOCAL: IMPLANTAÇÃO DE VIAS MARGINAIS ERS 130 - TRECHO LAJEADO TRECHO: Entr. RSC-453 (A) (p/ Venâncio Aires) – Entr. ERS-129 (p/ Roca Sales) km 69+430 ao km 70+900 EXTENSÃO: 1,47 km ÁREA TOTAL: 31.616,00m²	Resp. Técnico:	Prefeitura Municipal:
Escala: 1/1000	Título: PROJETO BÁSICO DE PAVIMENTAÇÃO - INFRAESTRUTURA	Assunto: DET. OBRAS DE CERCAS	Projeto: / Prancha: 01

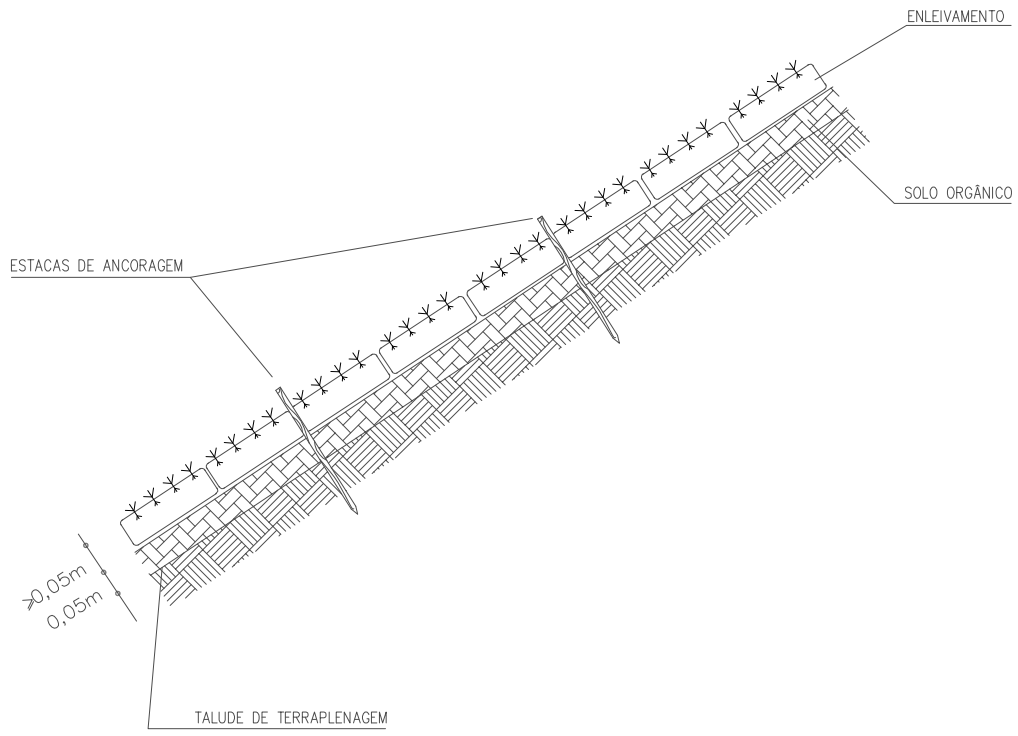
PROTEÇÃO VEGETAL

SEÇÃO TRANSVERSAL TIPO



Obs.: NAS SEÇÕES COM VALETÕES, CASO HOUVER, O ENLEIVAMENTO TAMBÉM SERÁ EXECUTADO.

DETALHE DE FIXAÇÃO DA LEIVA AO TALUDE



Obs.: CERCA COM 5 FIOS DE ARAMES E MOIRÕES DE MADEIRA DE LEI, A SER IMPLANTADA NOS LIMITES DA FAIXA DE DOMÍNIO, A 40,00 m DO EIXO.

Legenda:

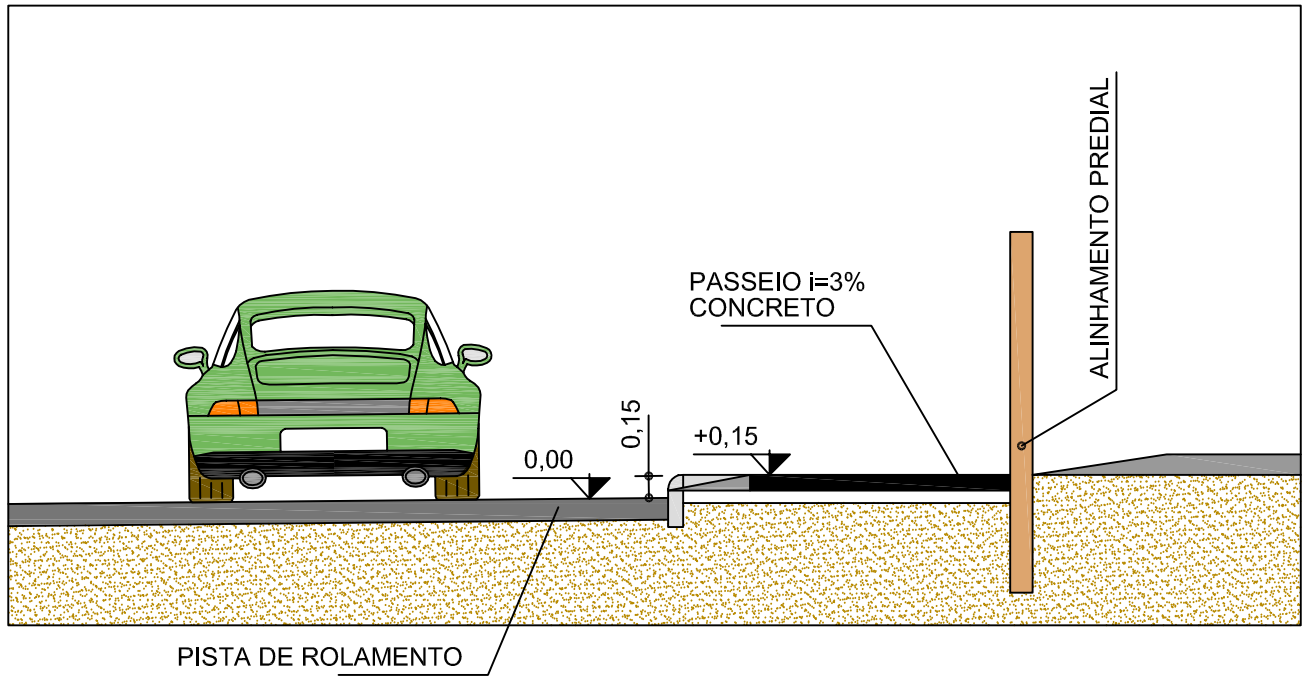
OBS: MEDIDAS EM METROS (m)

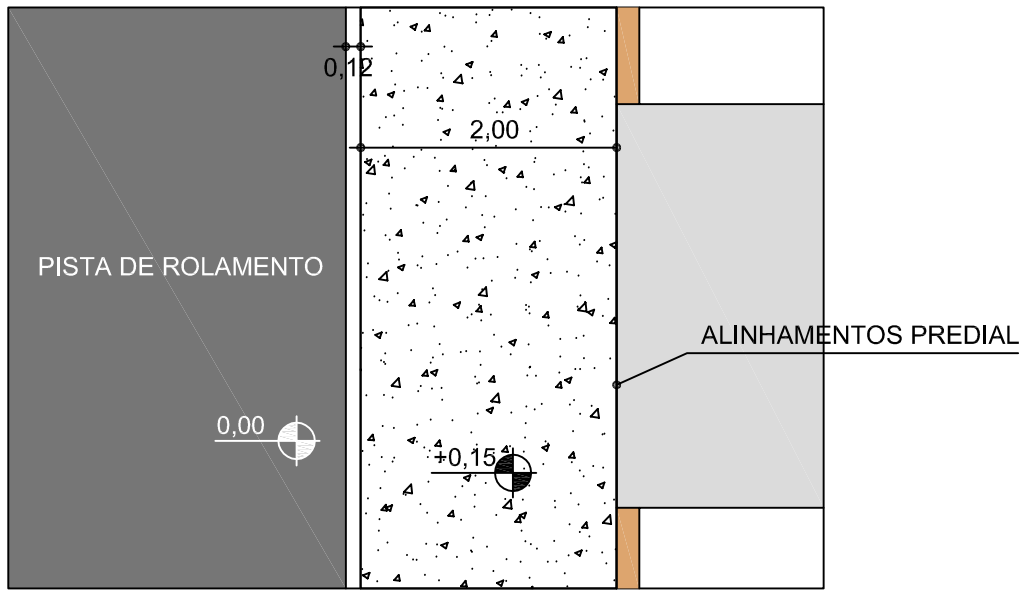
Controle de revisões:

nºordem	desc. da alteração	data	resp. alt.	aprov.

PREFEITURA MUNICIPAL DE LAJEADO

Data: SET/21	LOCAL: IMPLANTAÇÃO DE VIAS MARGINAIS ERS 130 - TRECHO LAJEADO TRECHO: Entr. RSC-453 (A) (p/ Venâncio Aires) – Entr. ERS-129 (p/ Roca Sales) km 69+430 ao km 70+900 EXTENSÃO: 1,47 km ÁREA TOTAL: 31.616,00m²	Resp. Técnico:	Prefeitura Municipal:
Escala: 1/1000	Título: PROJETO BÁSICO DE PAVIMENTAÇÃO - INFRAESTRUTURA	Assunto: DET. ENLEIVAMENTO	Projeto: / Prancha: 01





Legenda:

Controle de revisões:

nºordem	desc. da alteração	data	resp. alt.	aprov.

PREFEITURA MUNICIPAL DE LAJEADO

Data: SET/21	LOCAL: IMPLANTAÇÃO DE VIAS MARGINAIS ERS 130 - TRECHO LAJEADO TRECHO: Entr. RSC-453 (A) (p/ Venâncio Aires) – Entr. ERS-129 (p/ Roca Sales) km 69+430 ao km 70+900 EXTENSÃO: 1,47 km ÁREA TOTAL: 31.616,00m²	**Resp. Técnico:**	**Prefeitura Municipal:**
Escala: 1/1000	**Título:** PROJETO BÁSICO DE PAVIMENTAÇÃO - INFRAESTRUTURA	**Assunto:** DET. EXEC. IMP. PASSEIOS	**Projeto:** / **Prancha:** 01