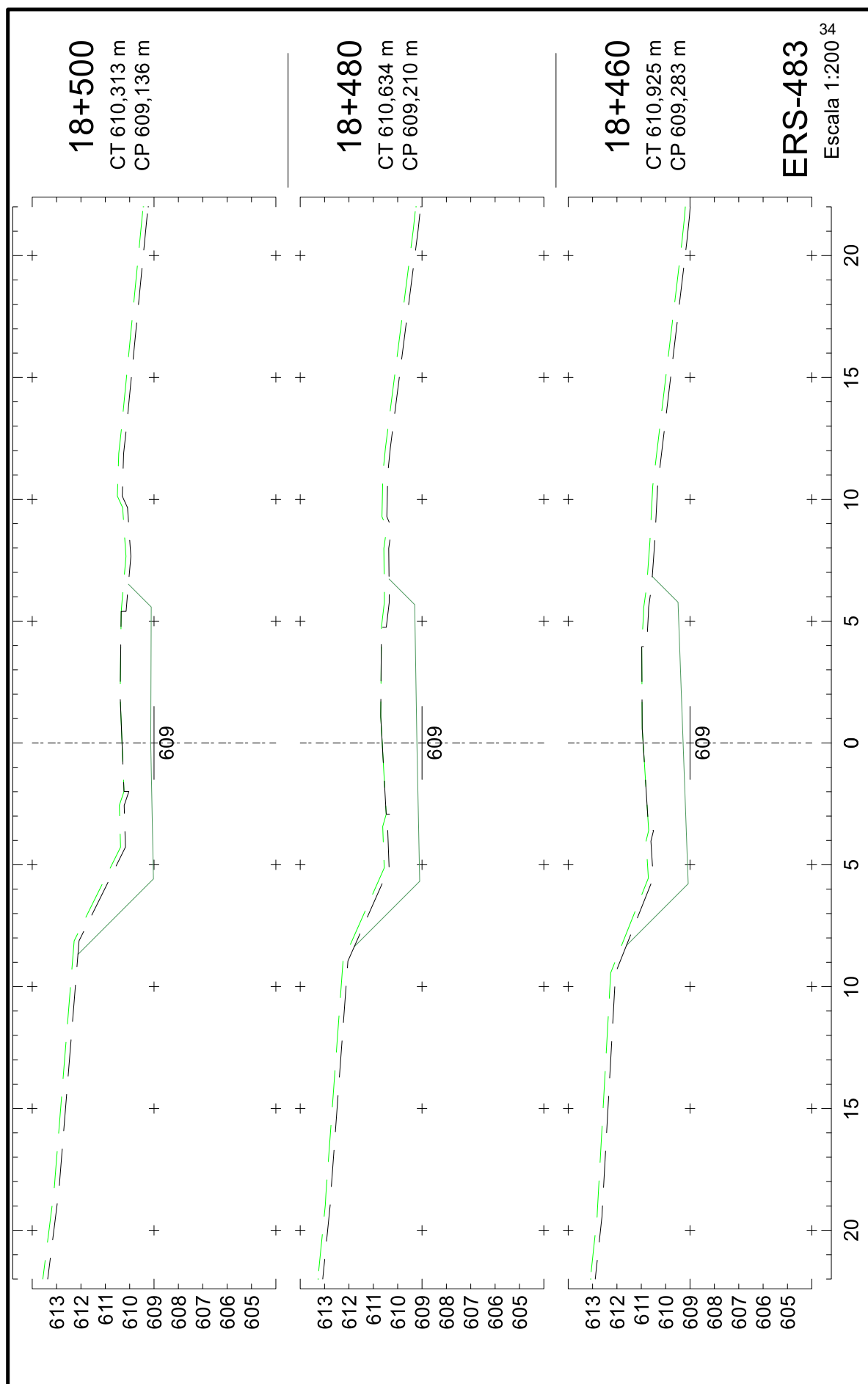
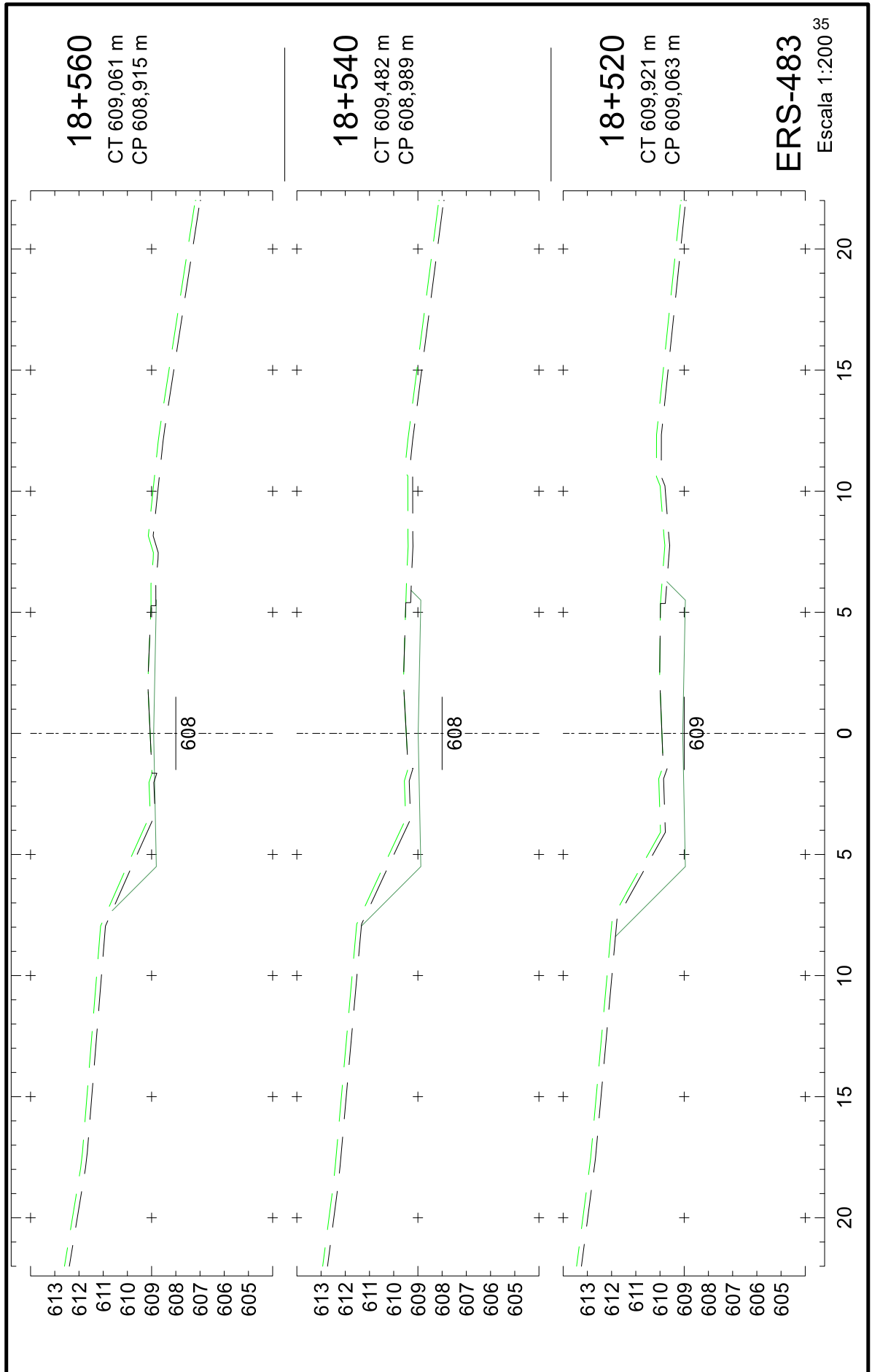




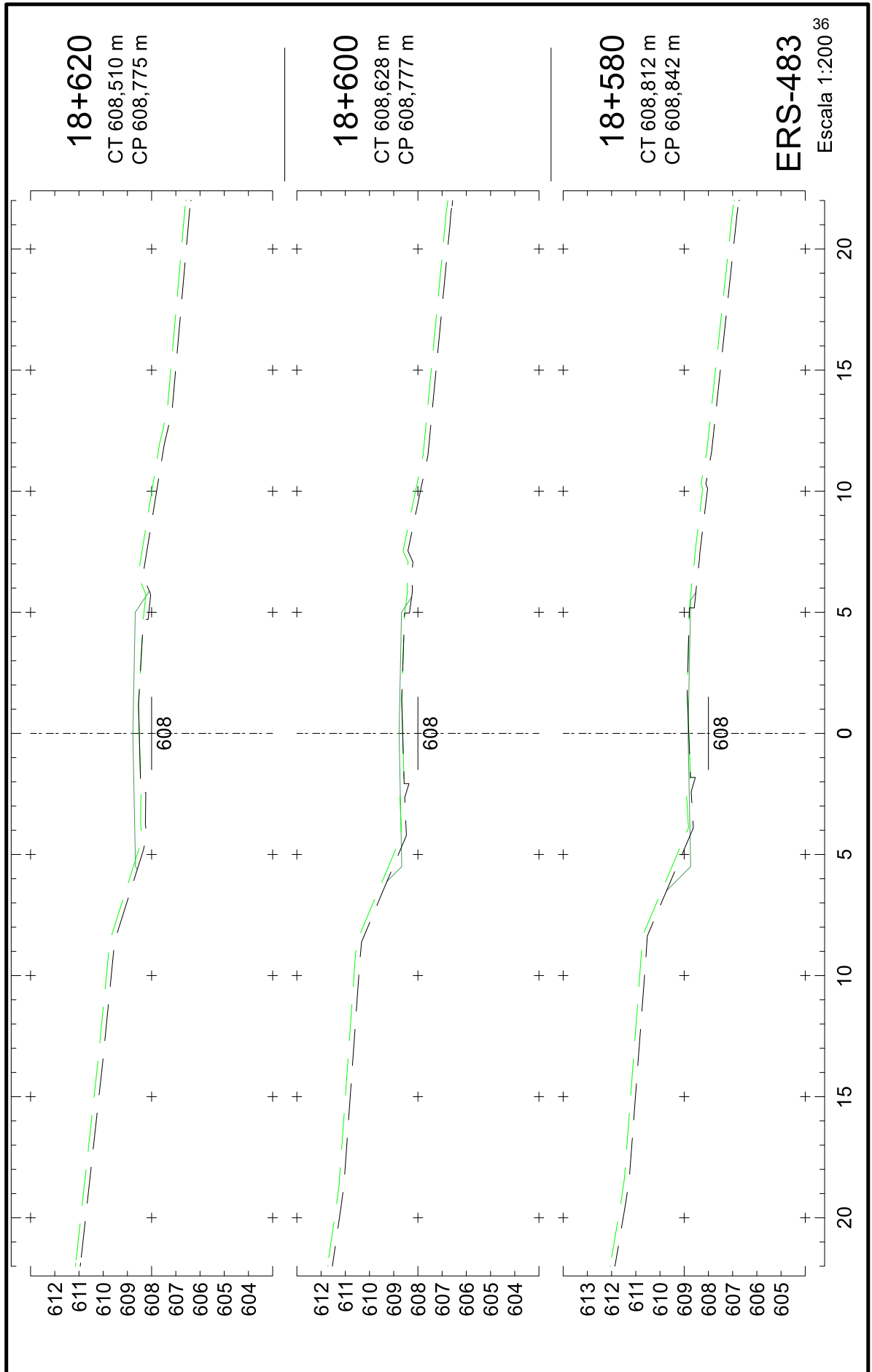


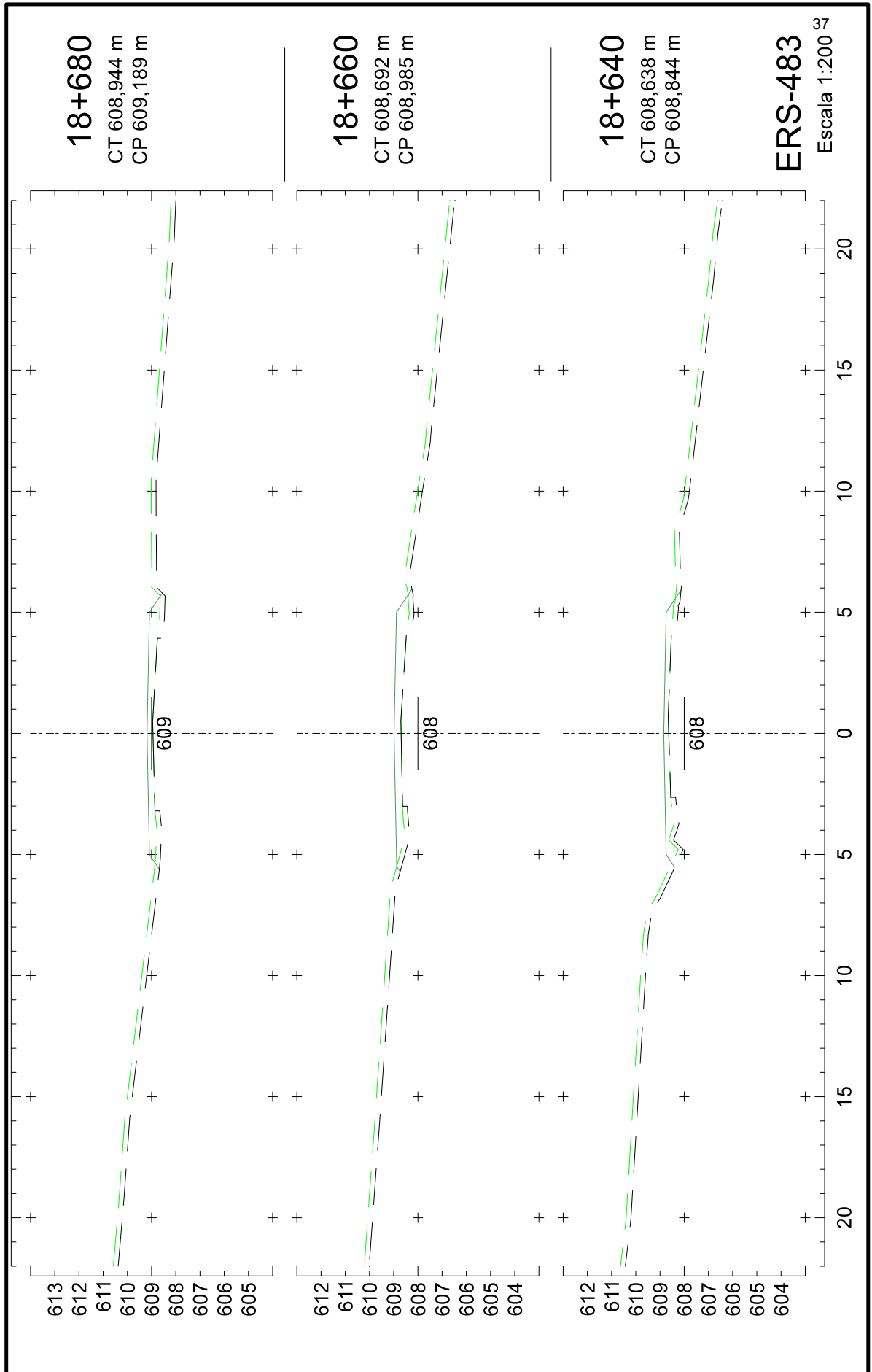
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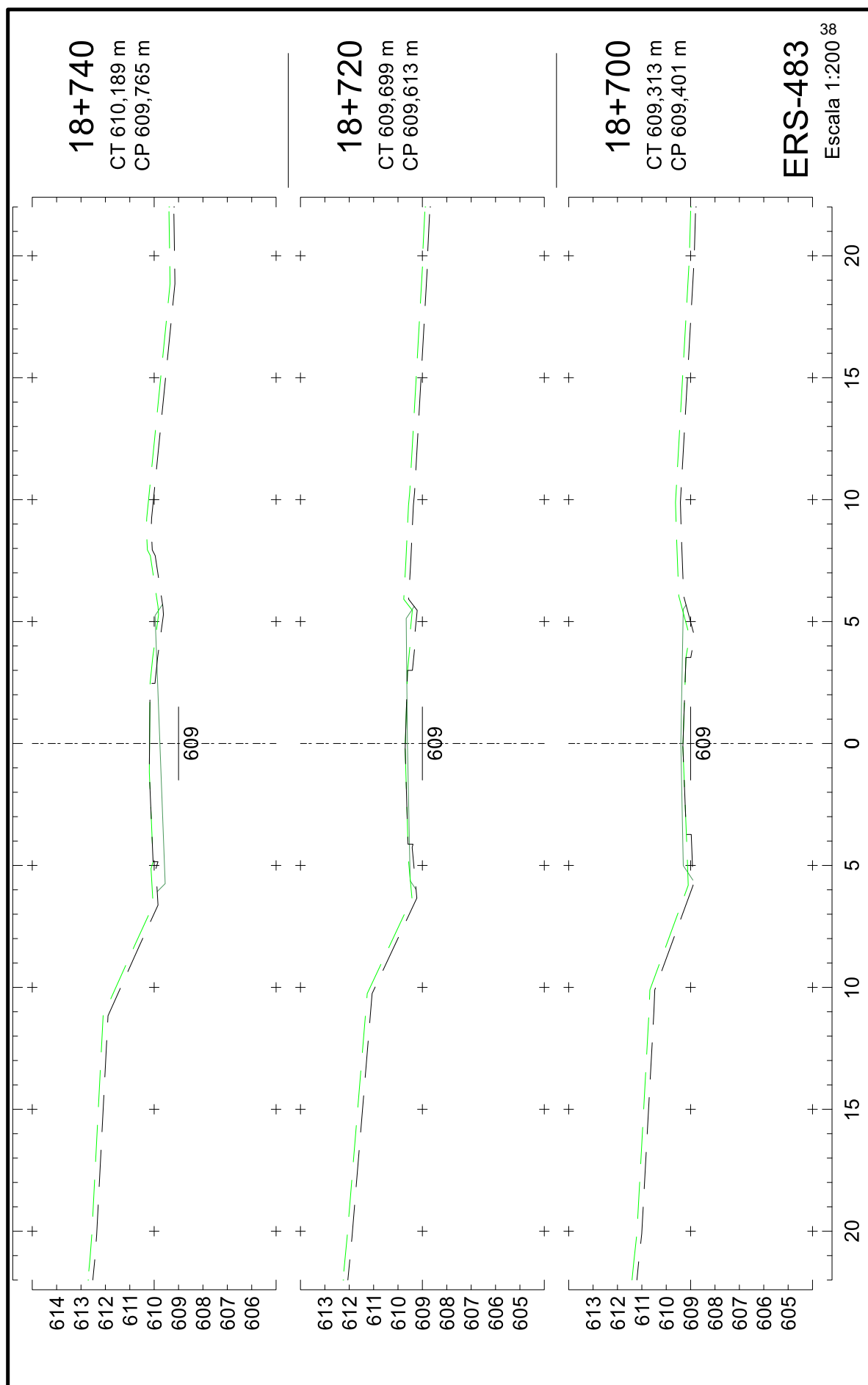
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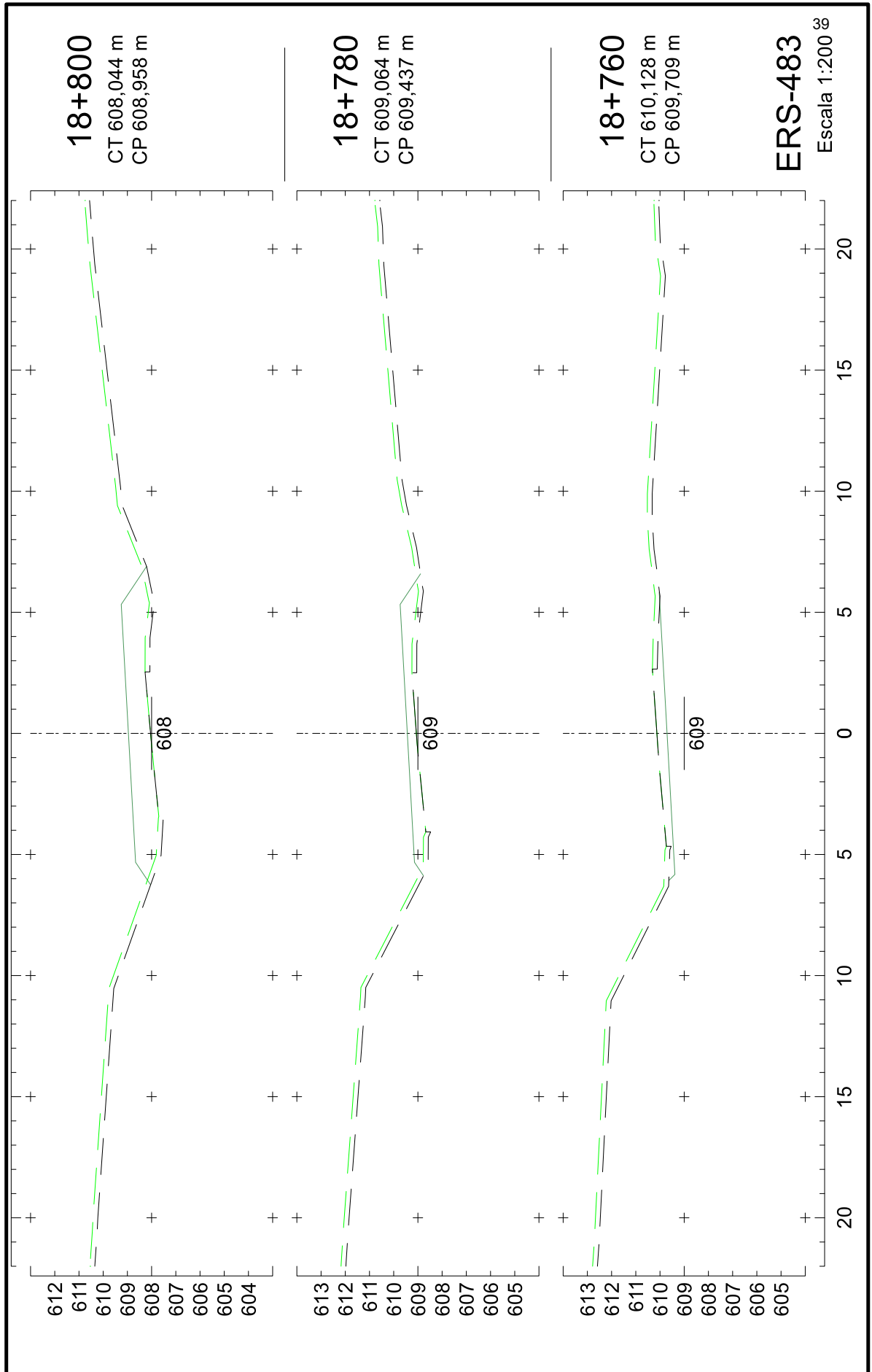


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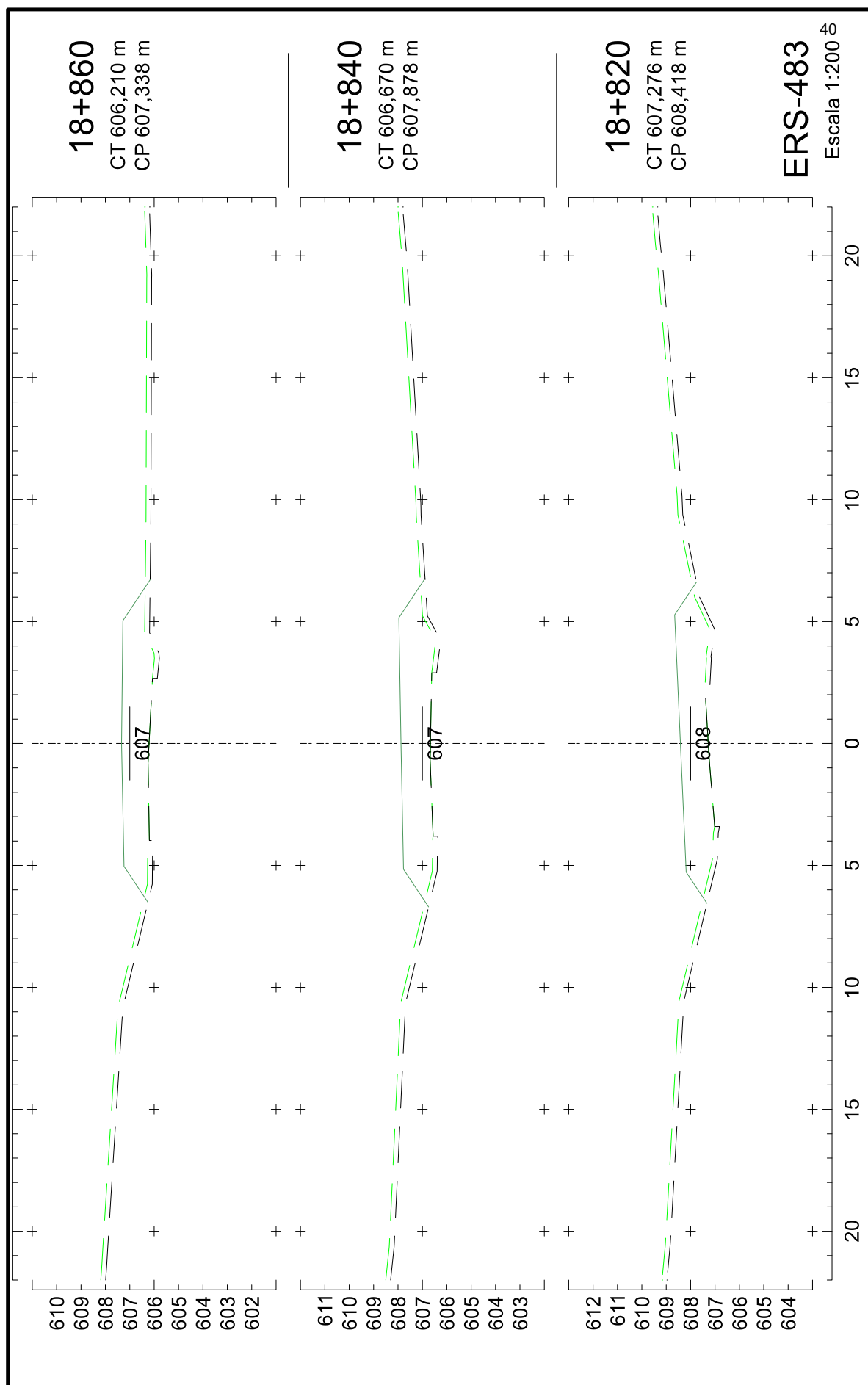


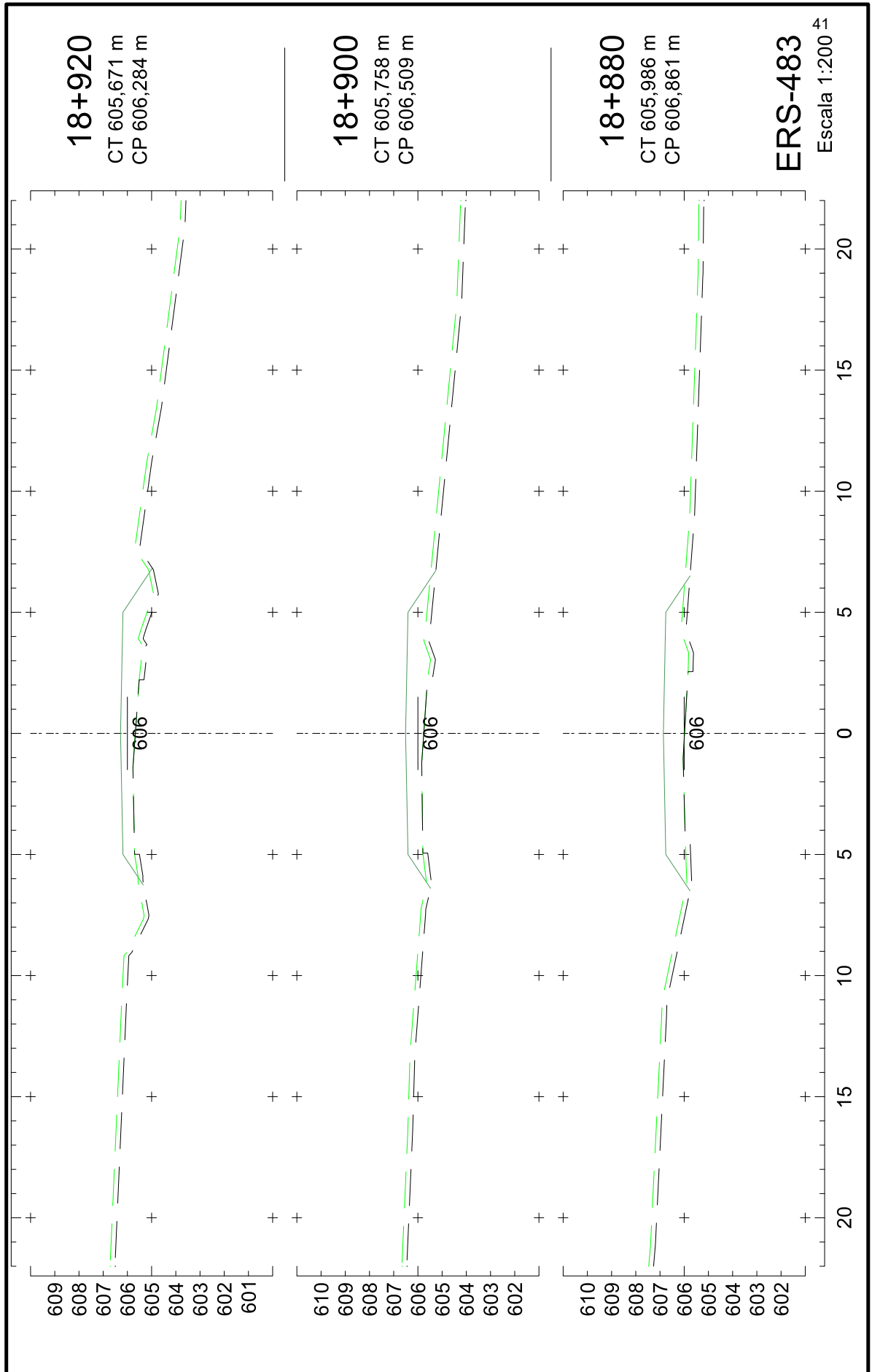
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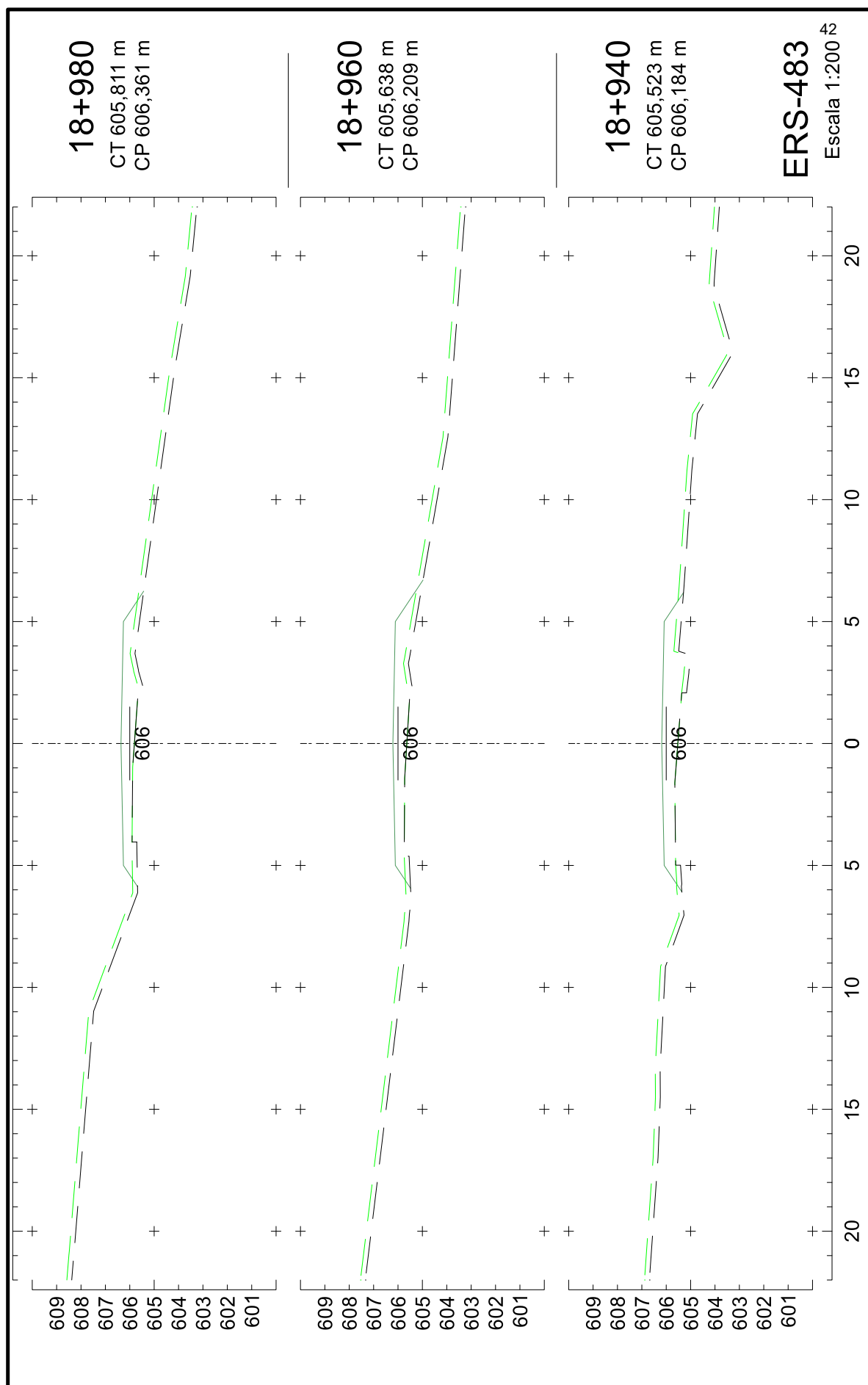
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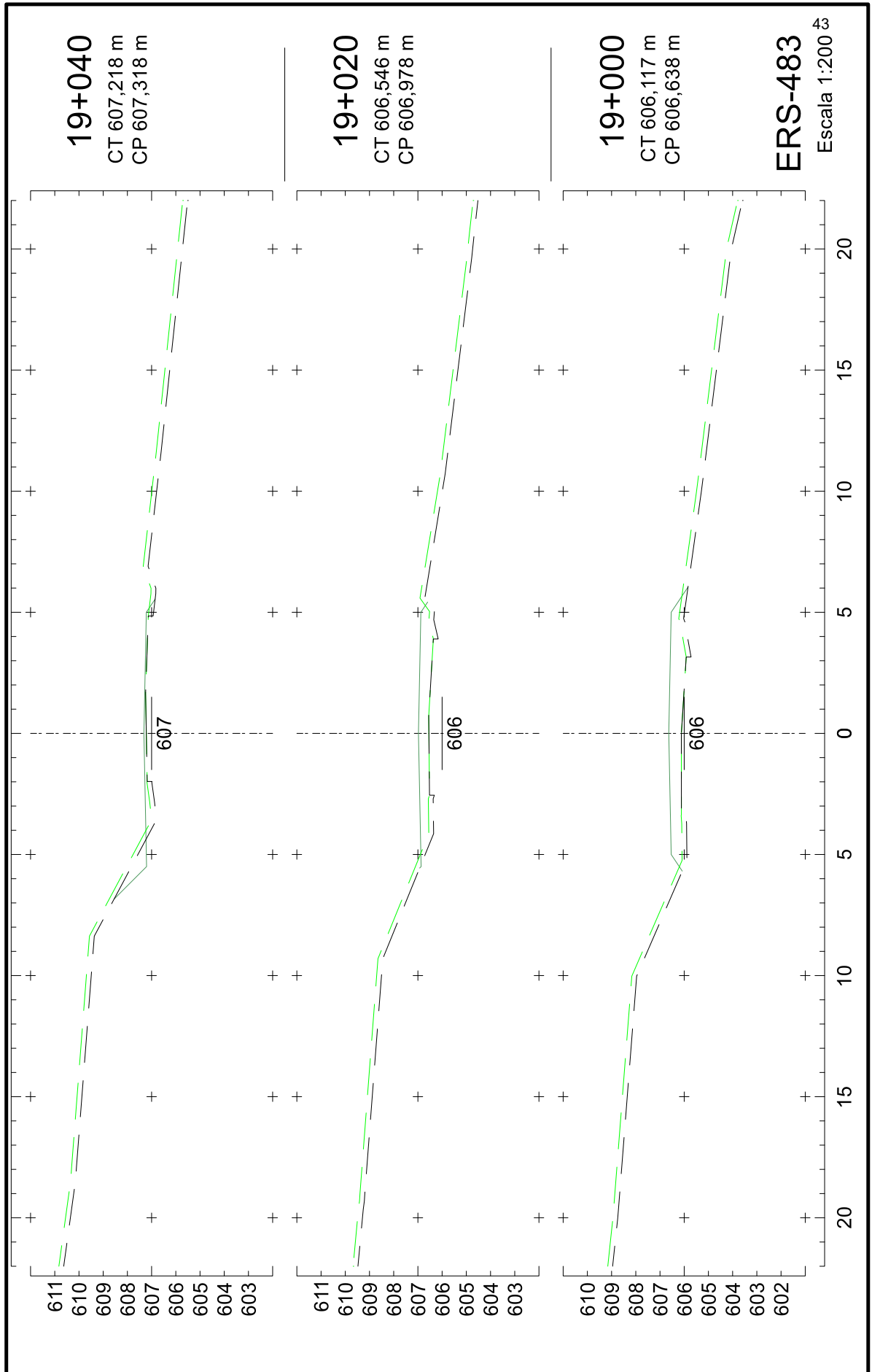


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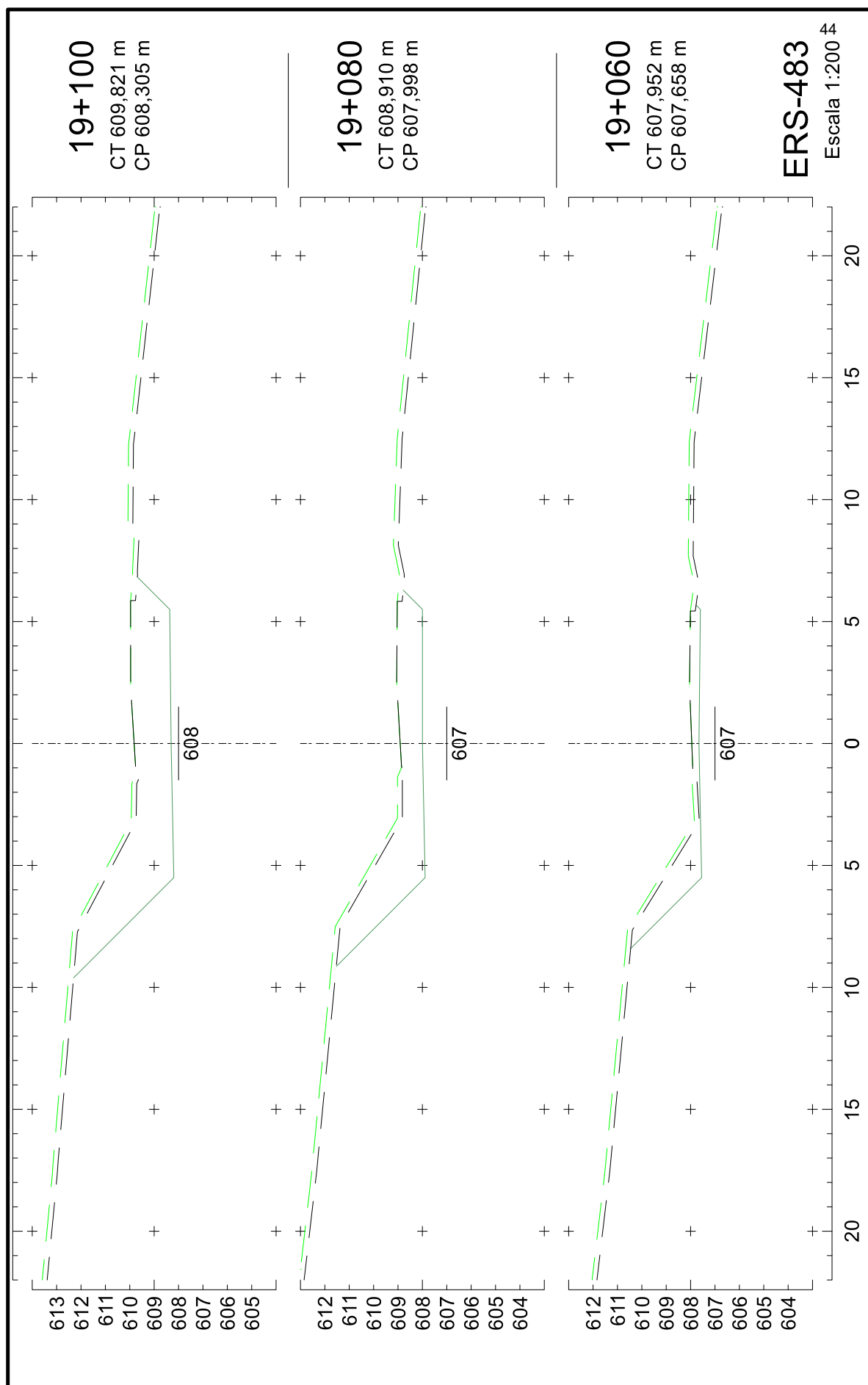
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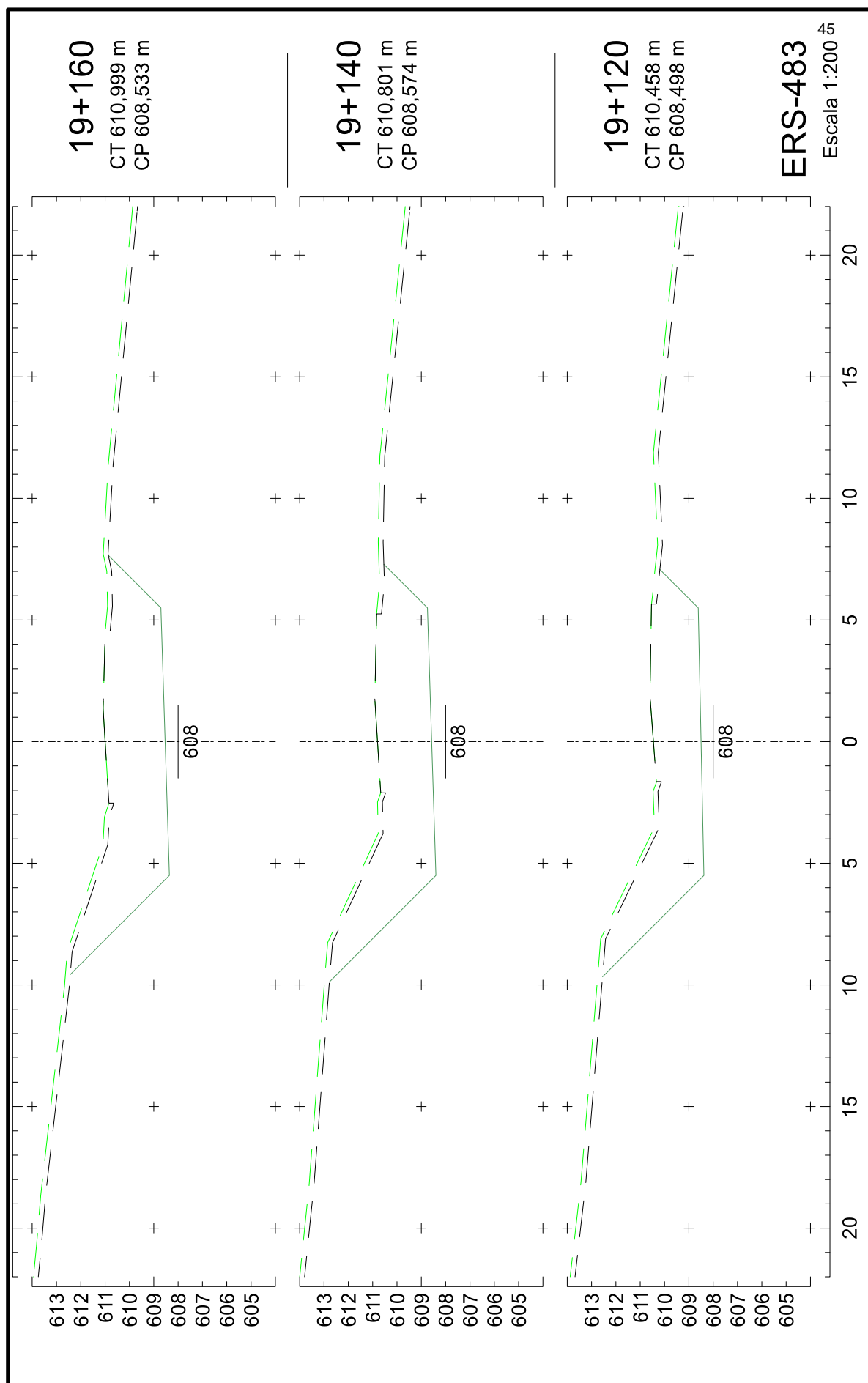


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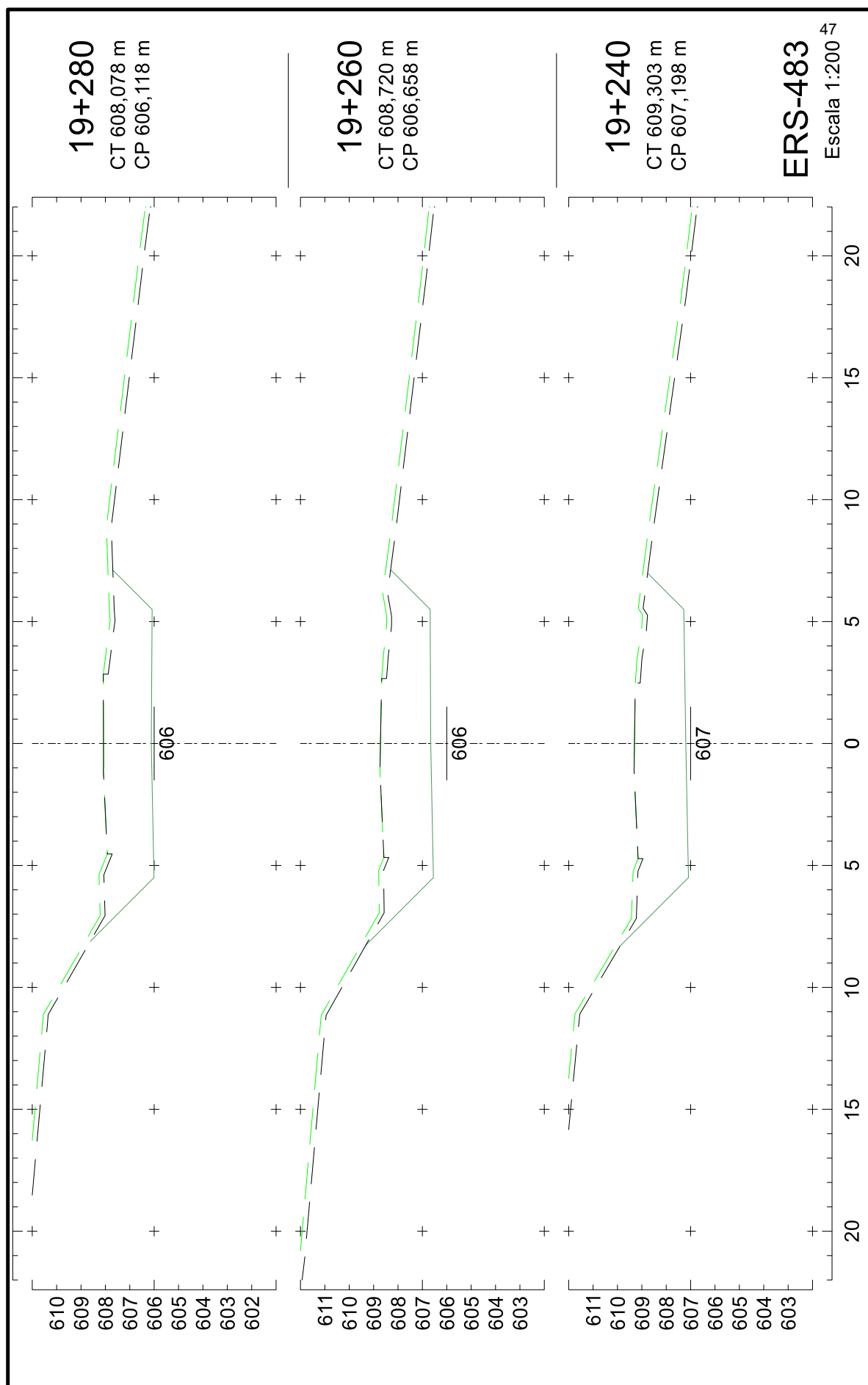


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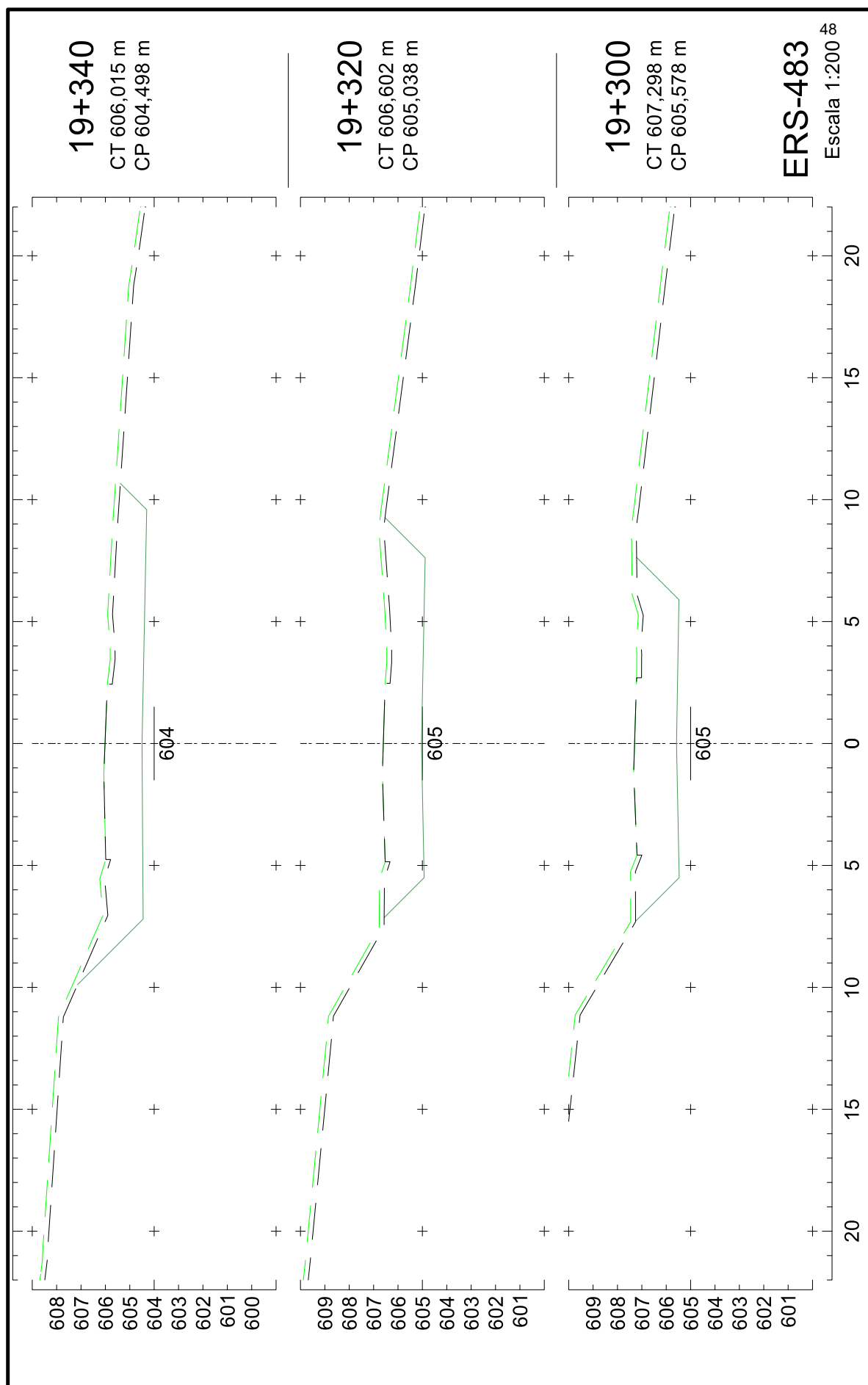






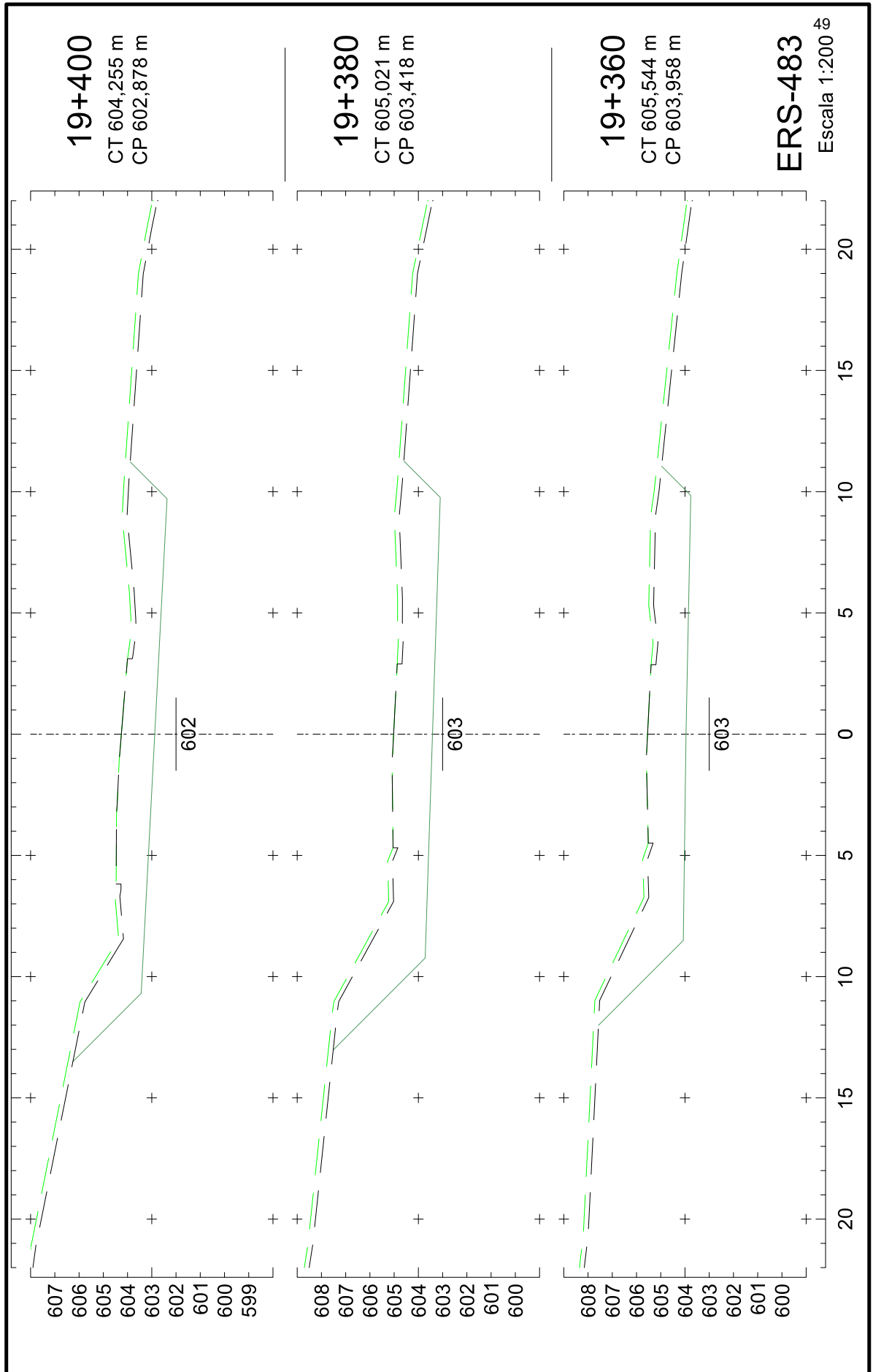


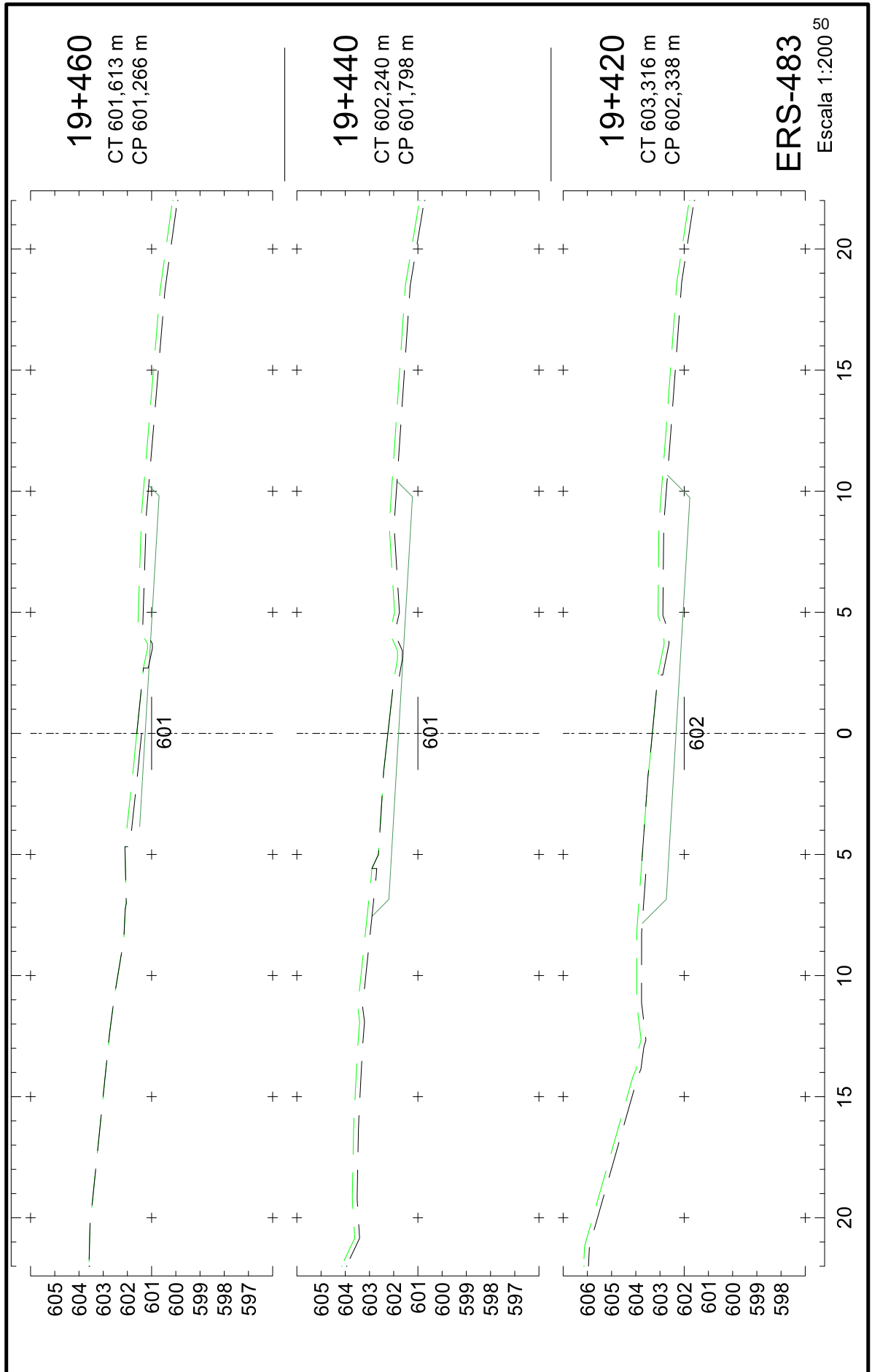
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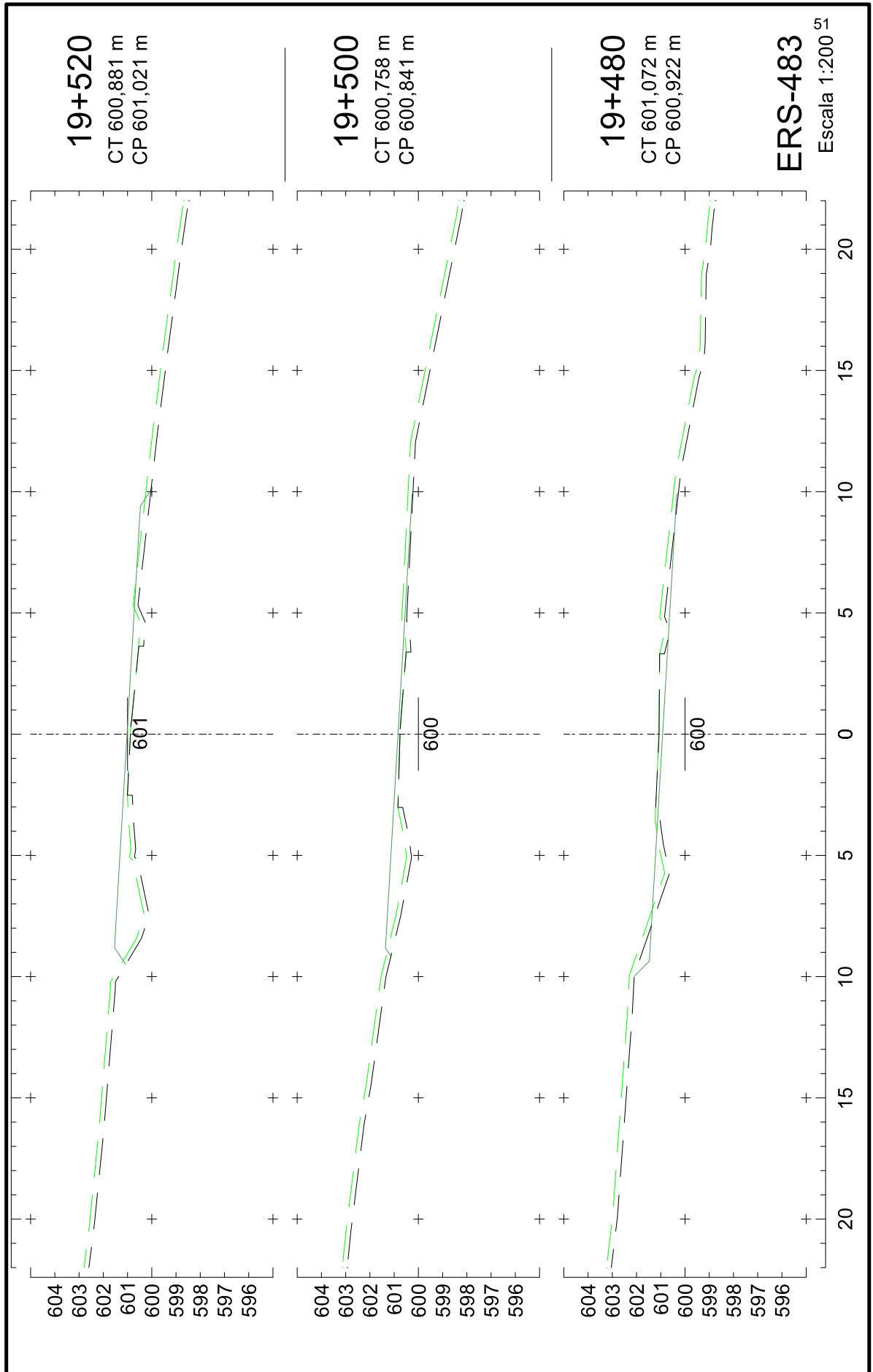
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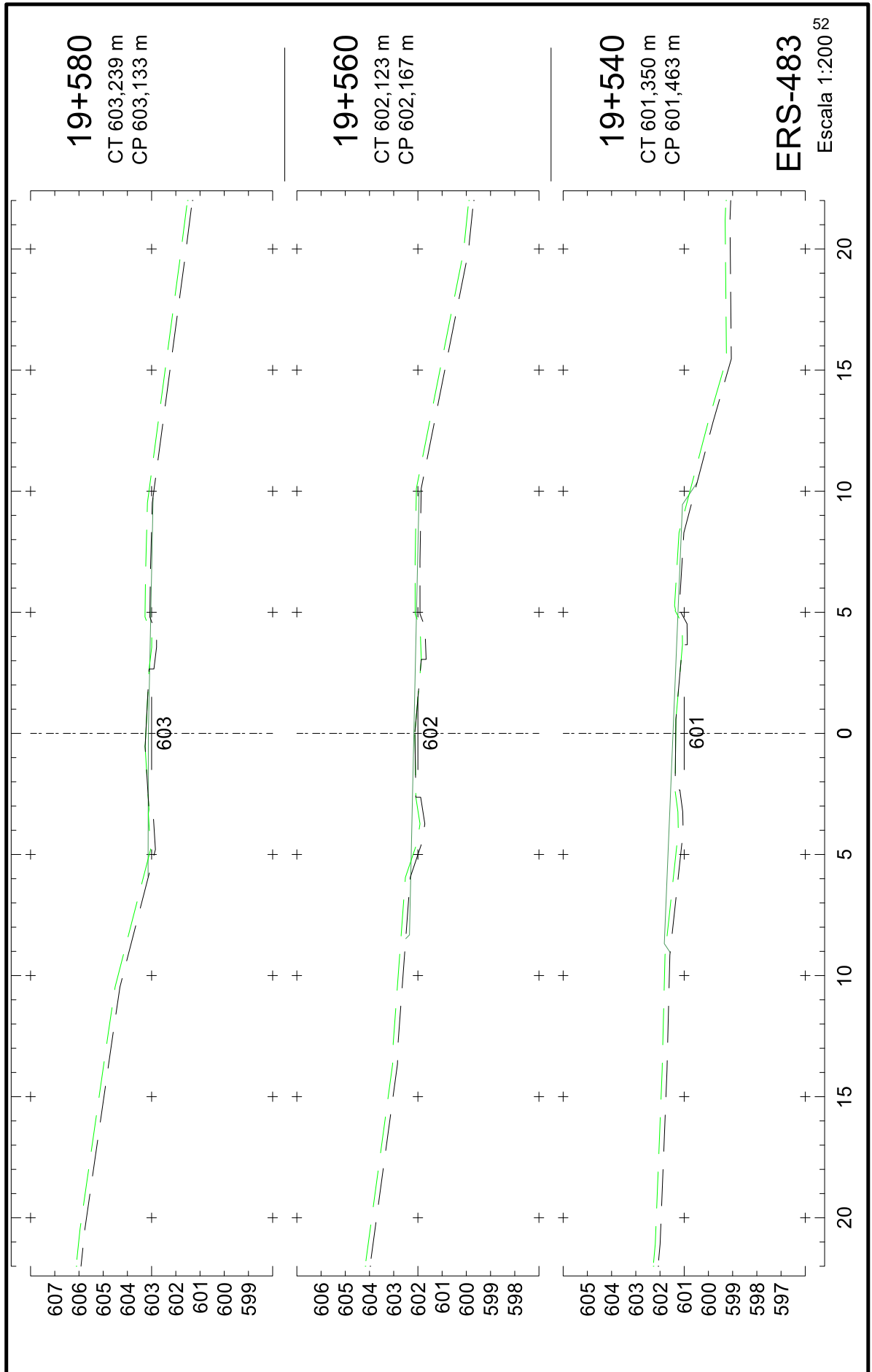


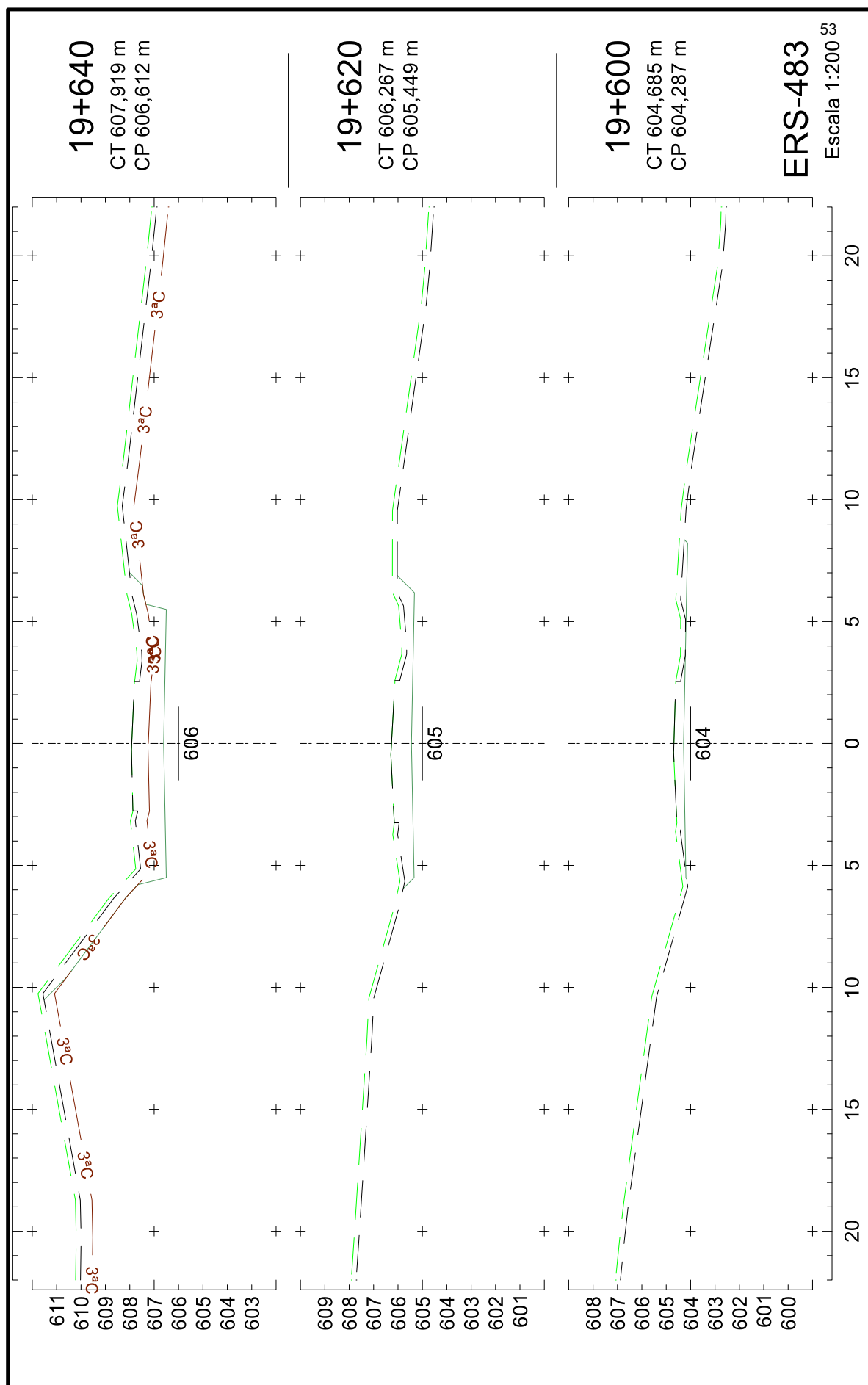


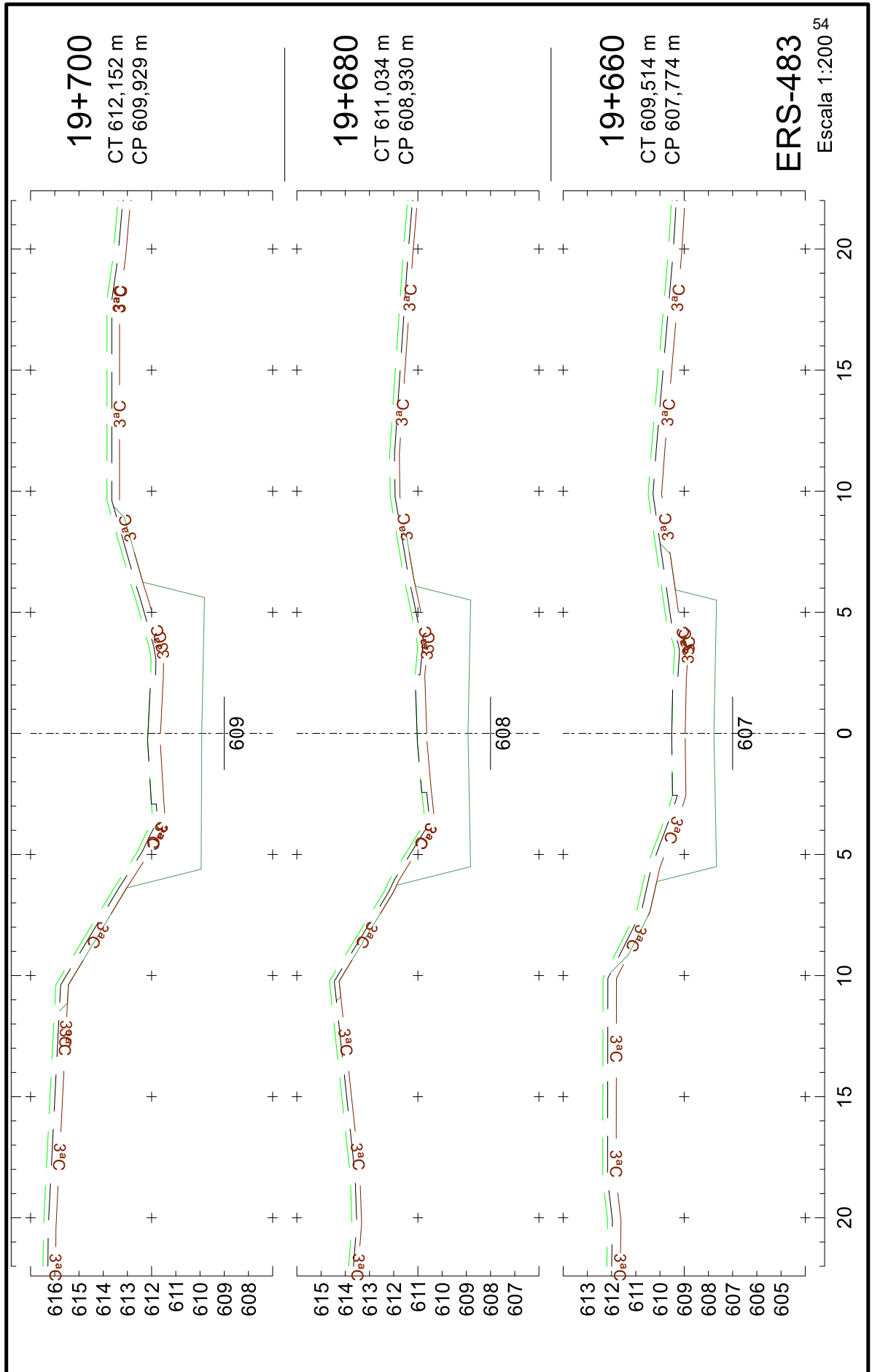


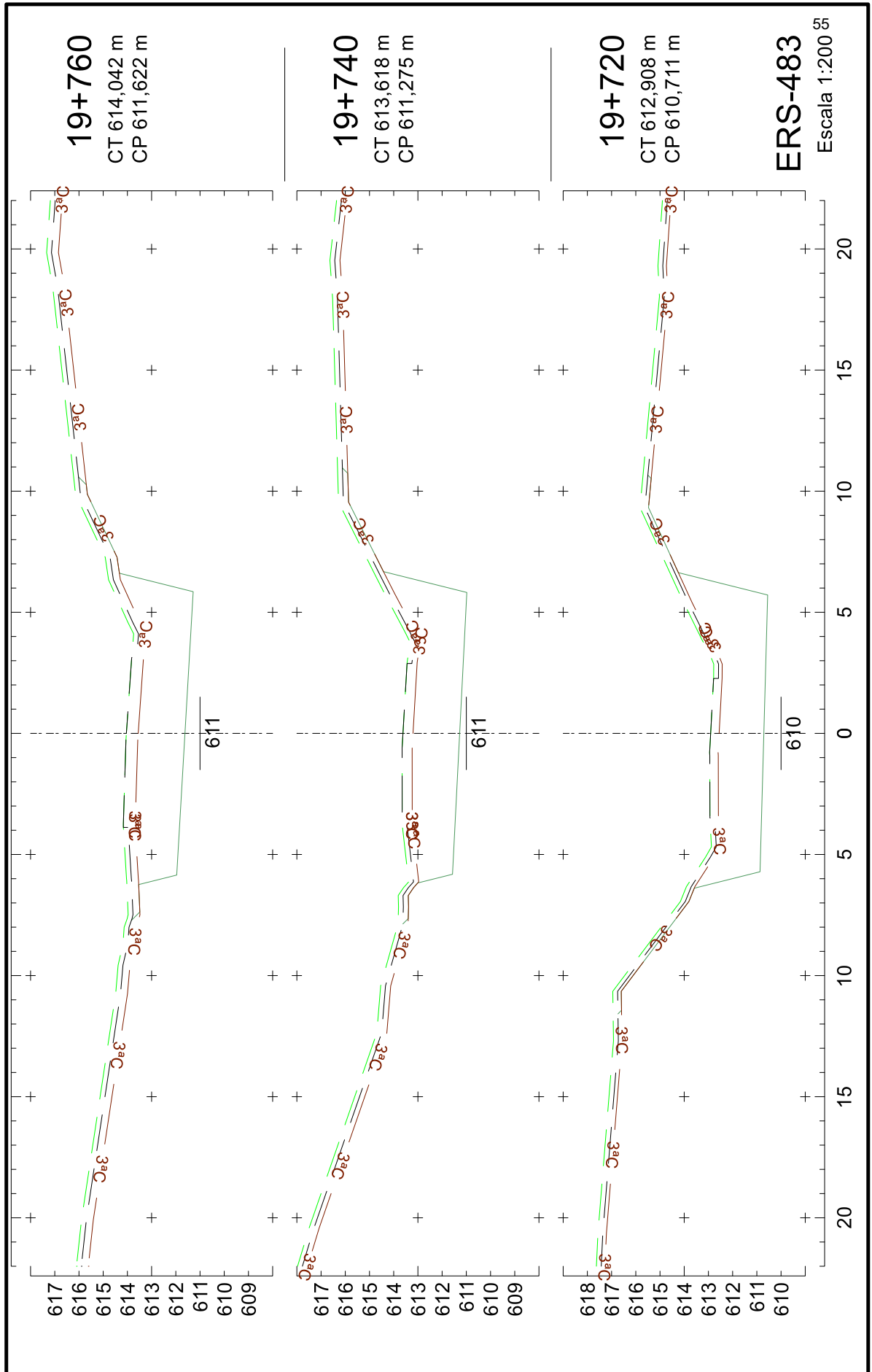
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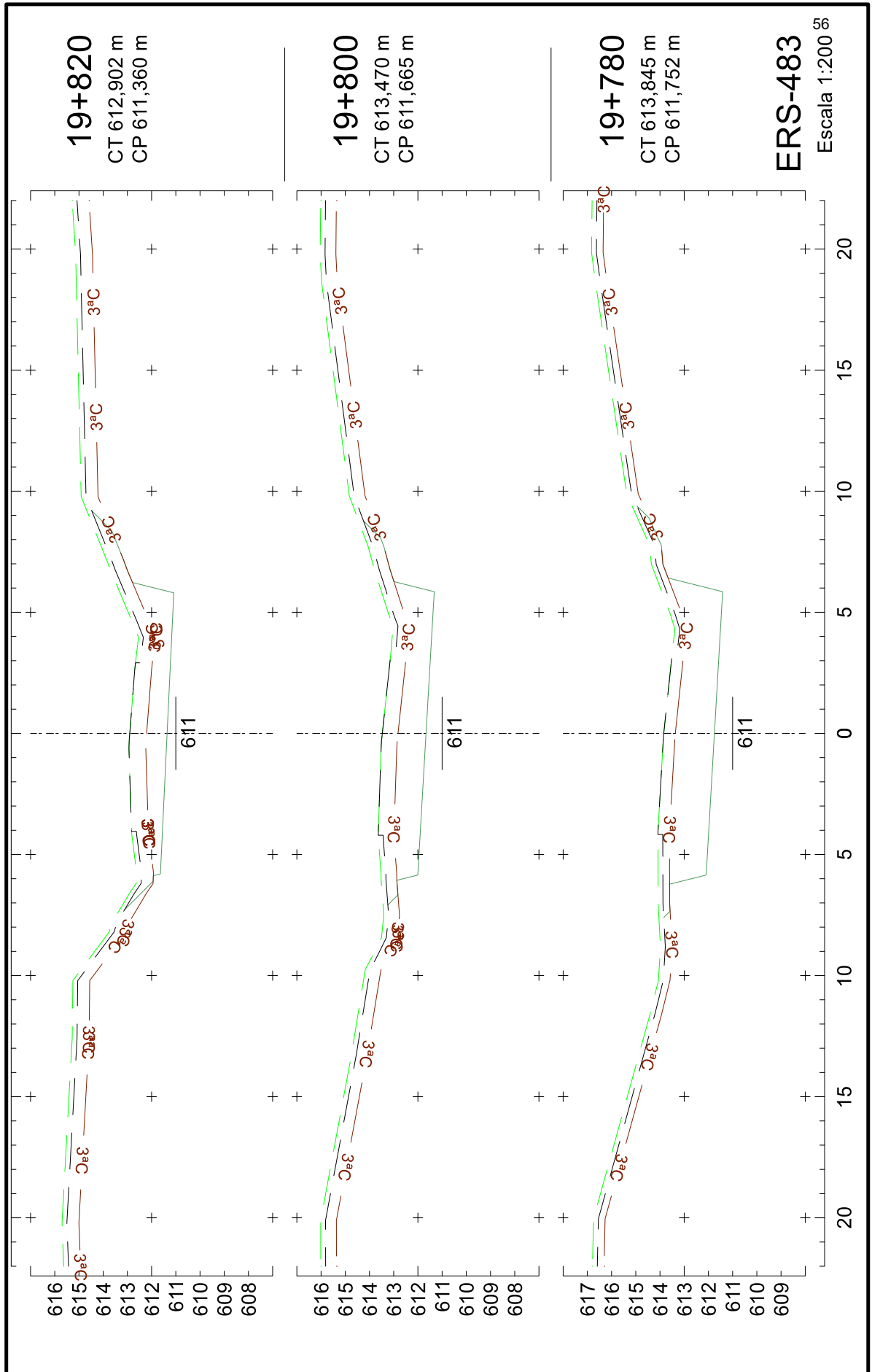


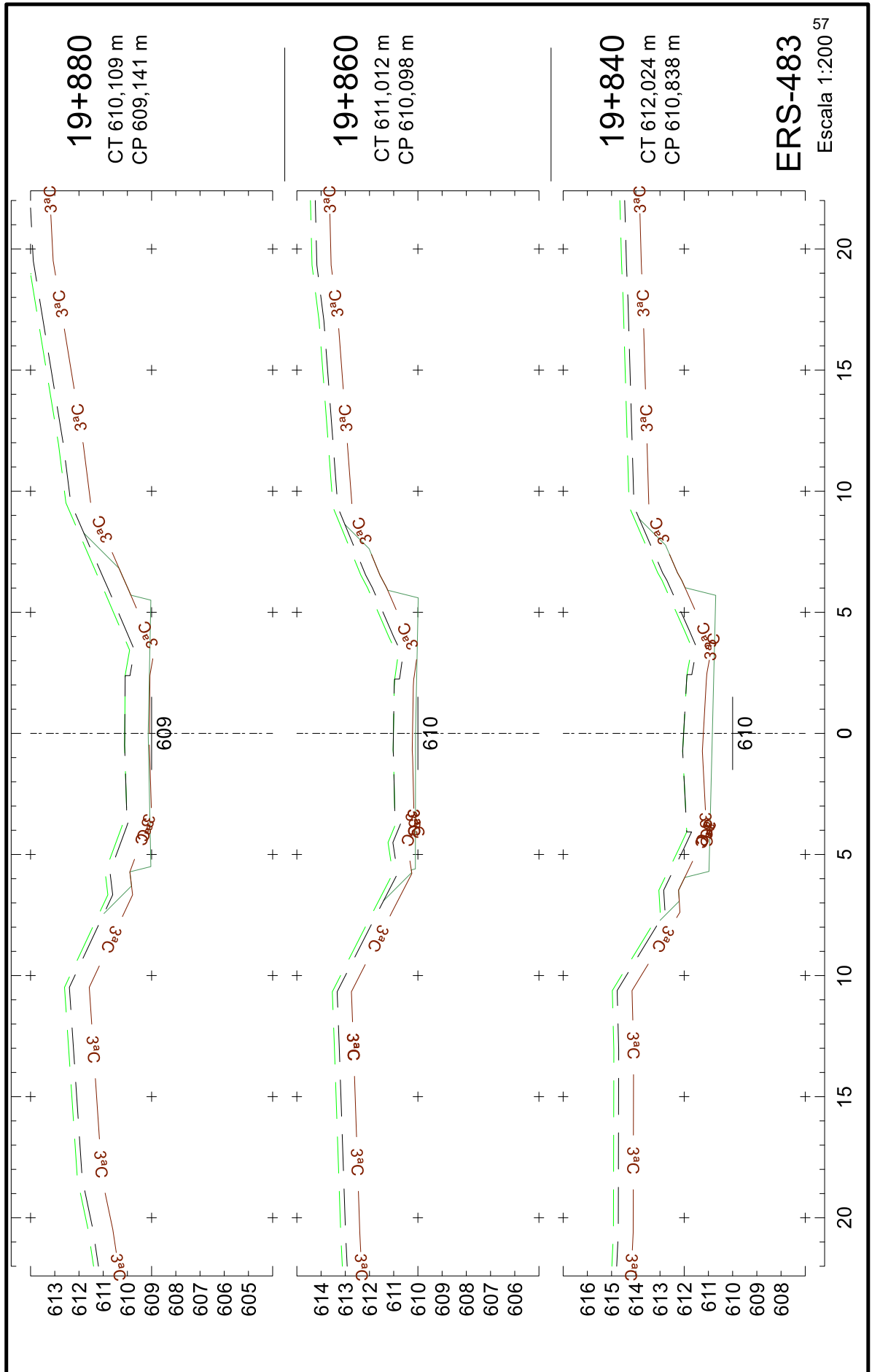


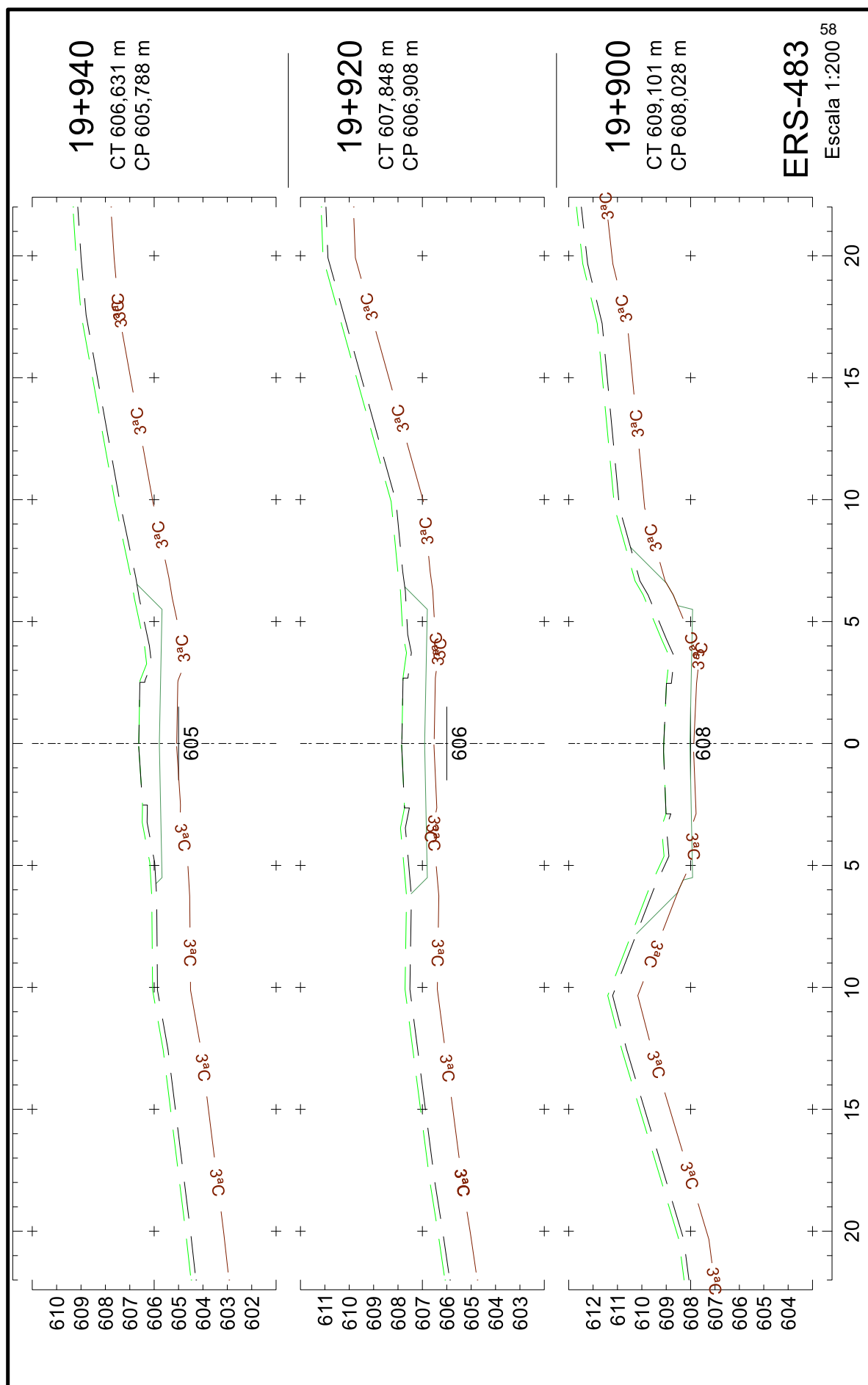




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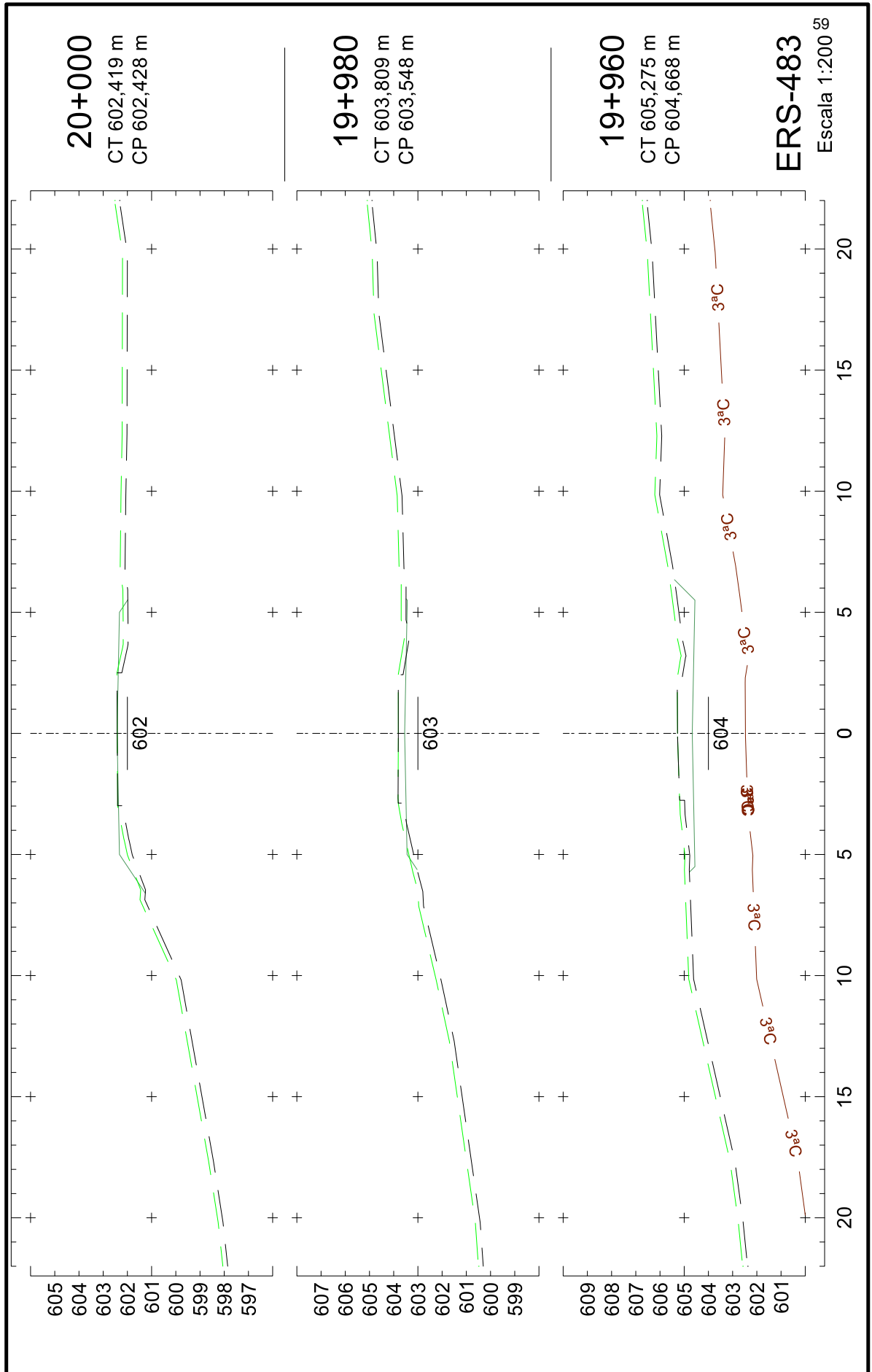


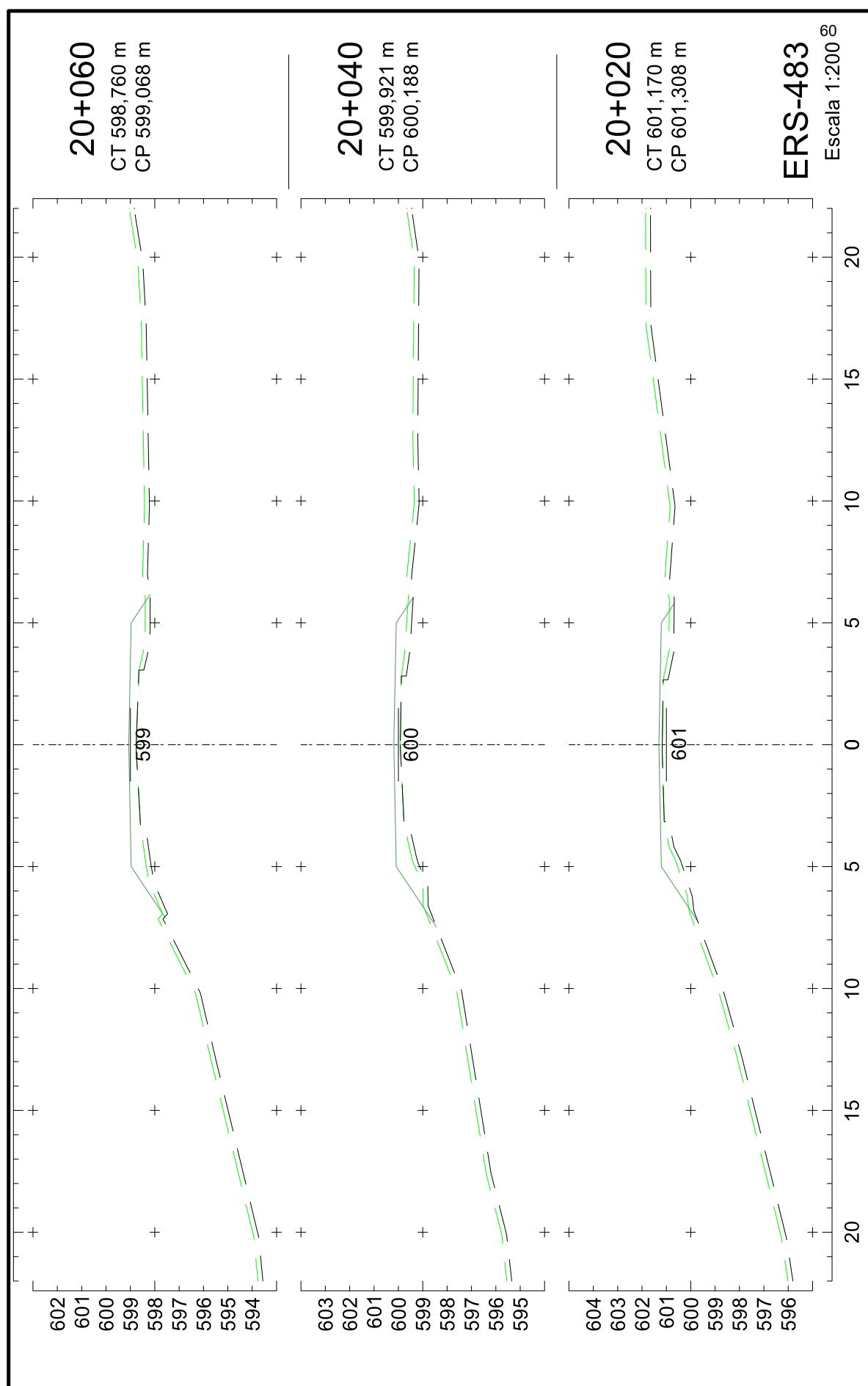






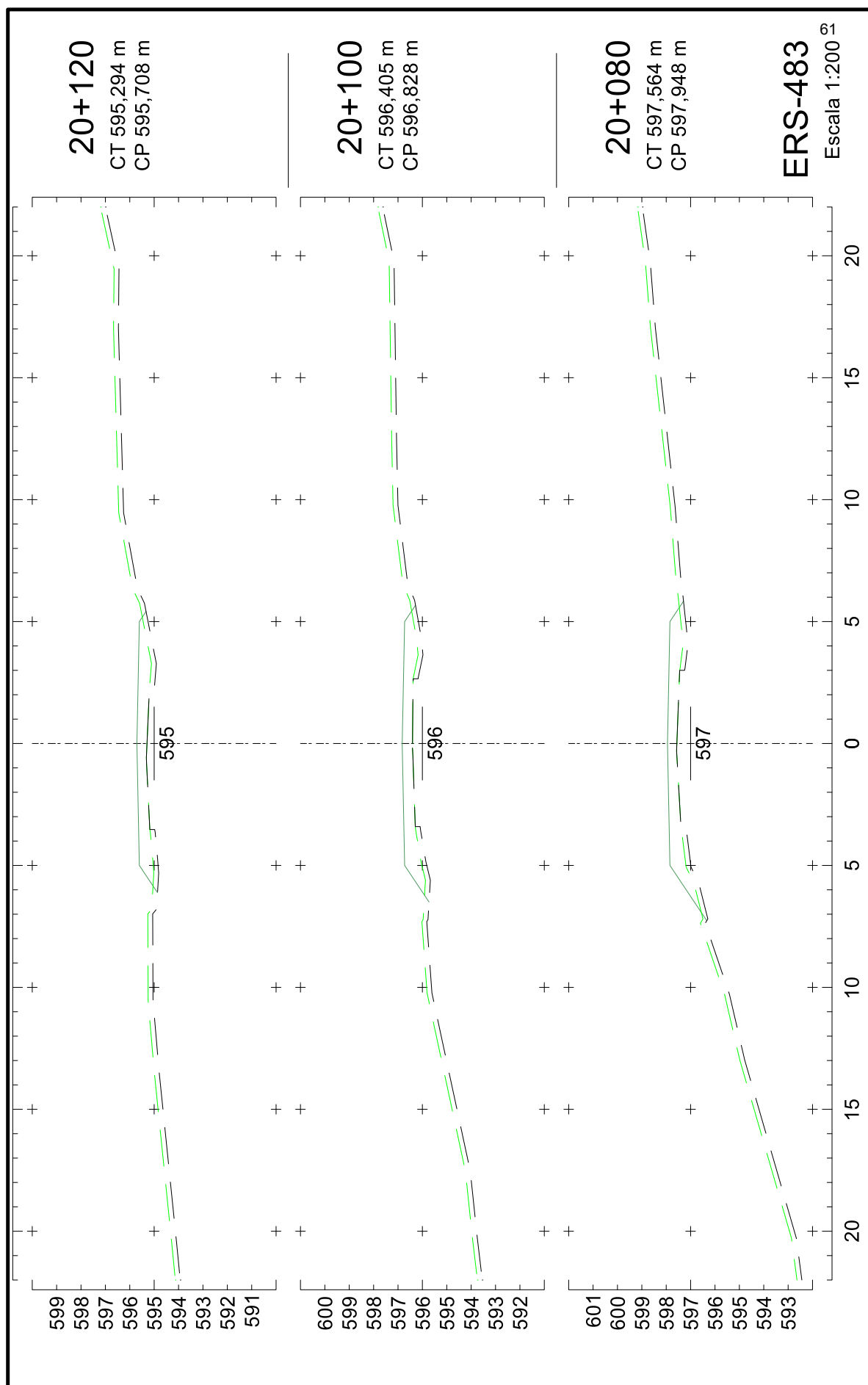
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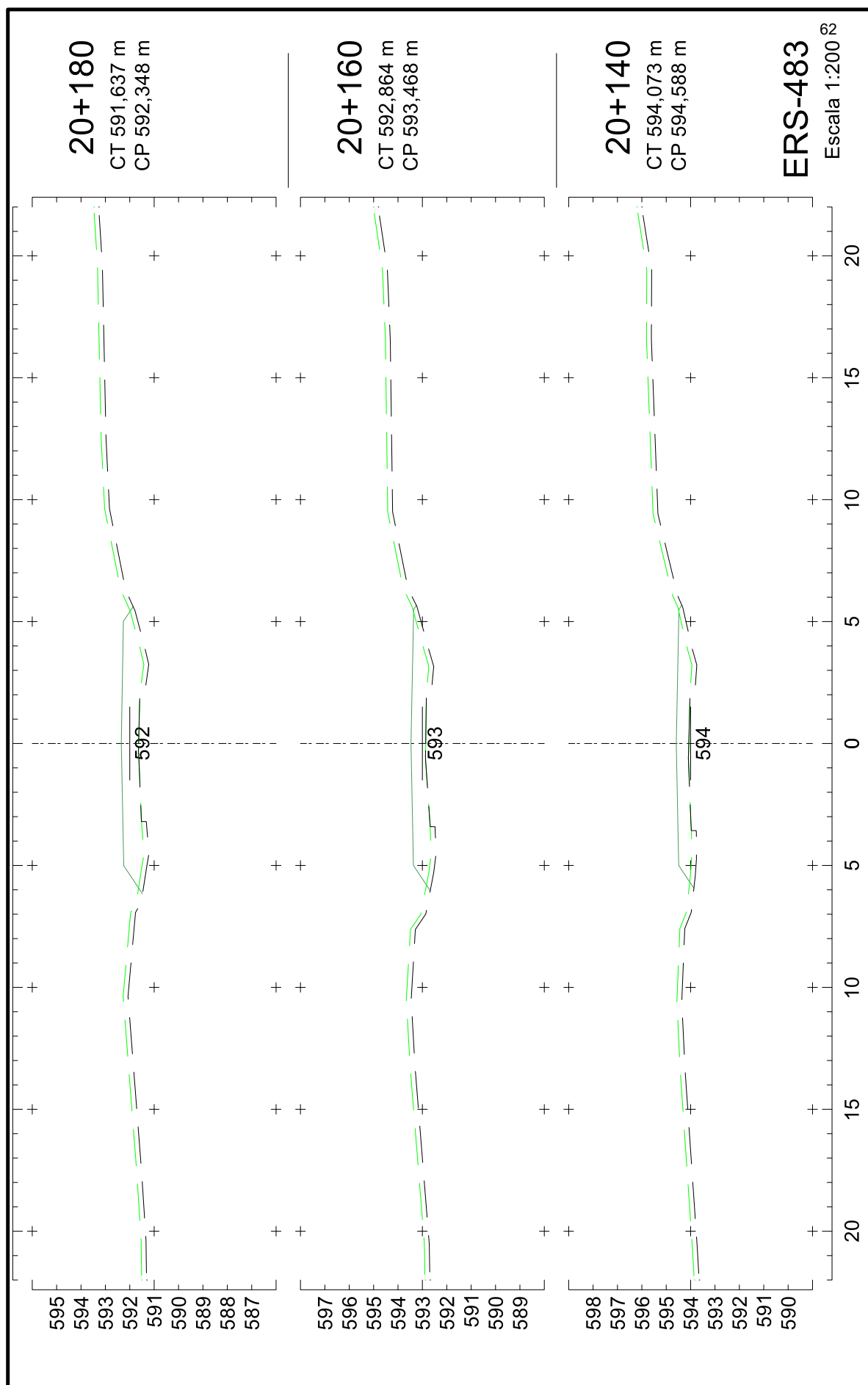


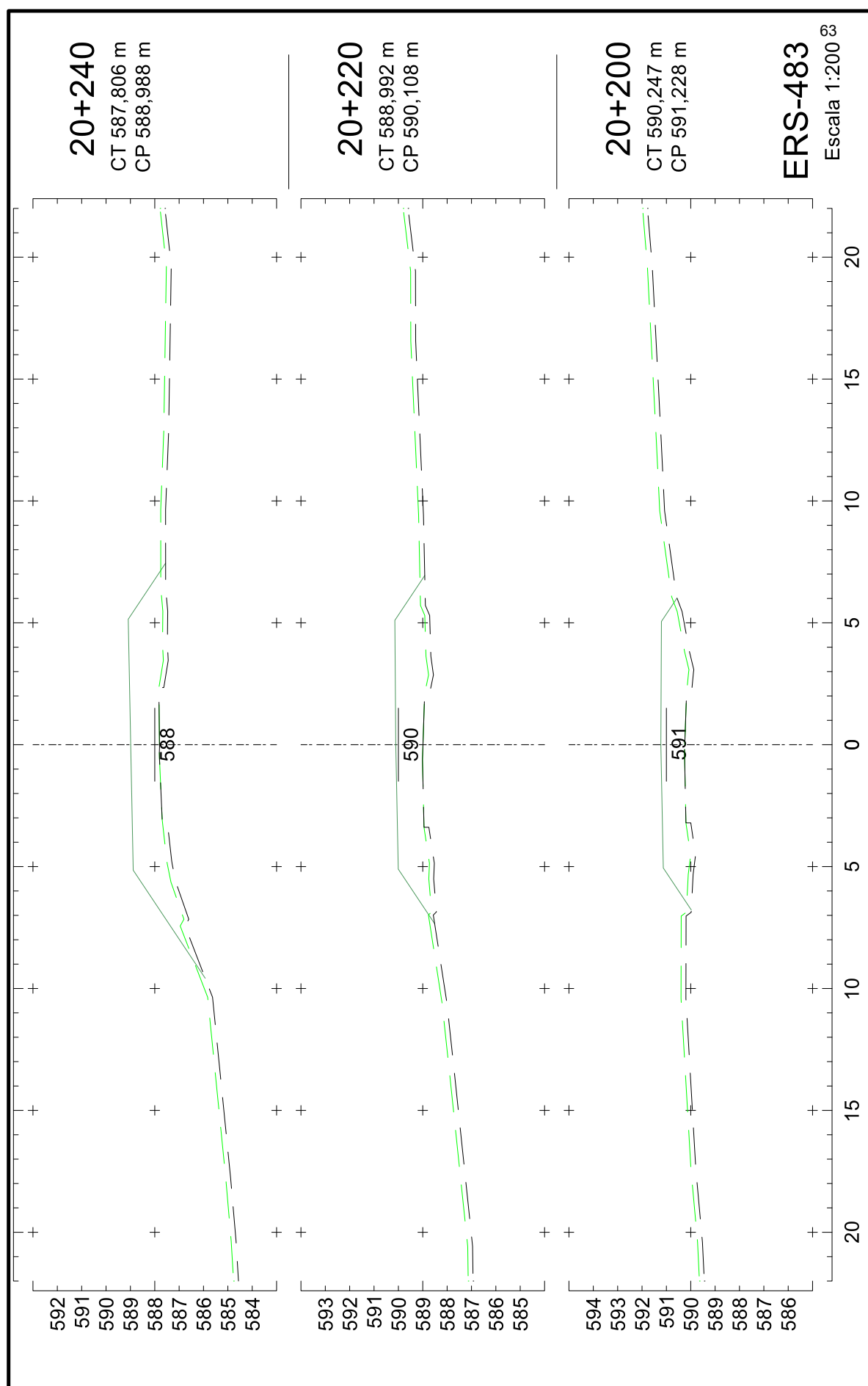


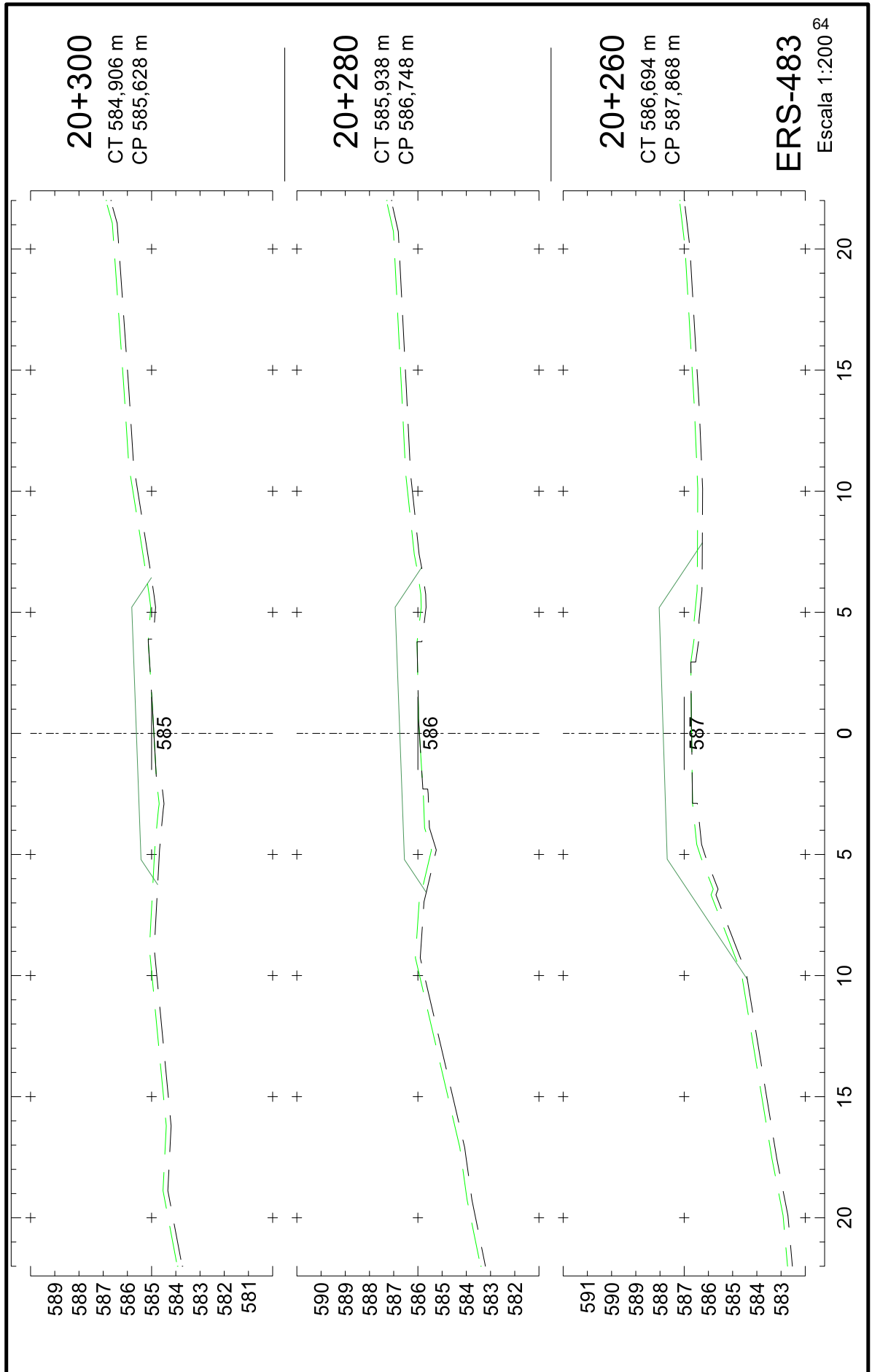


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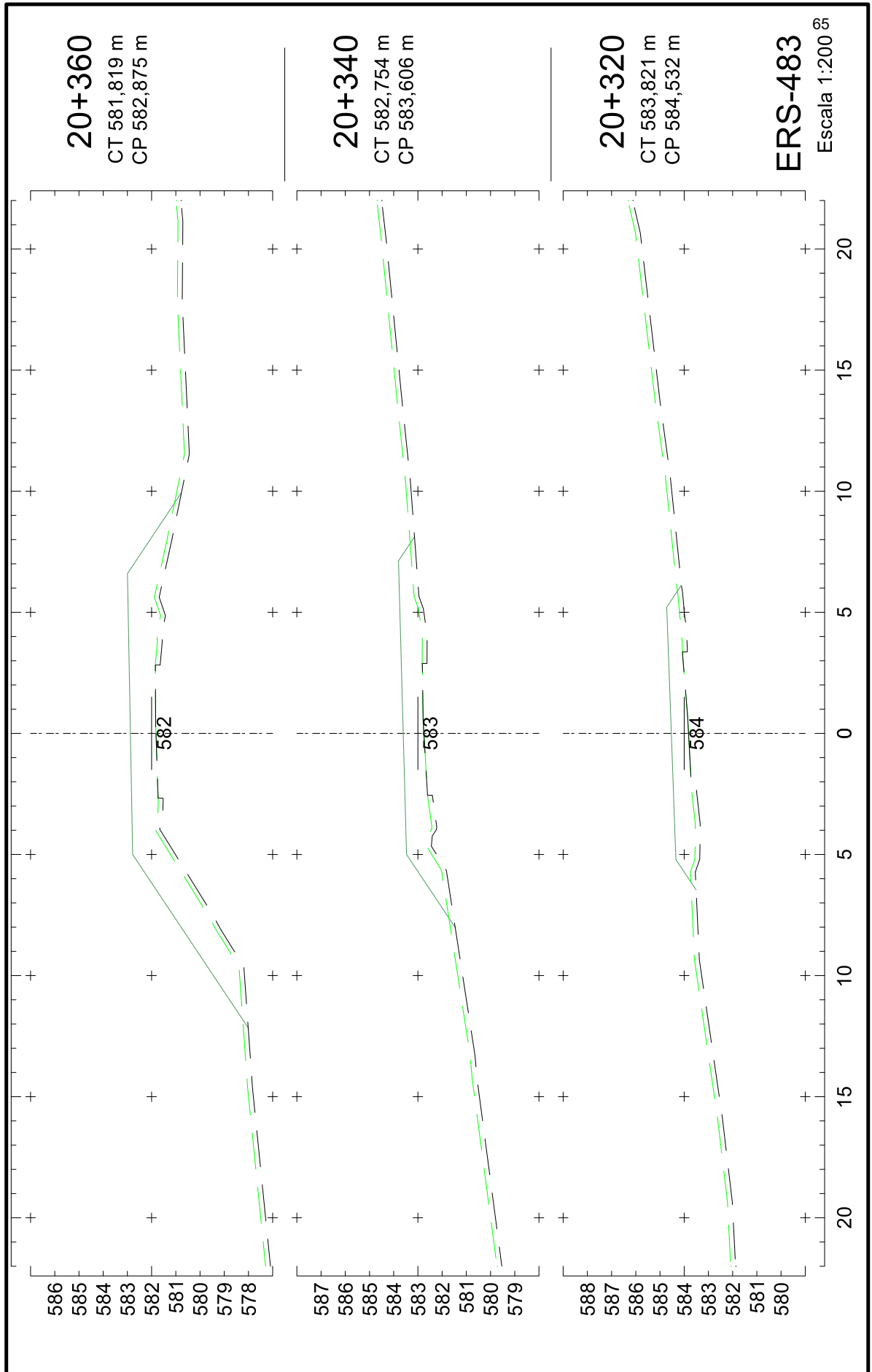


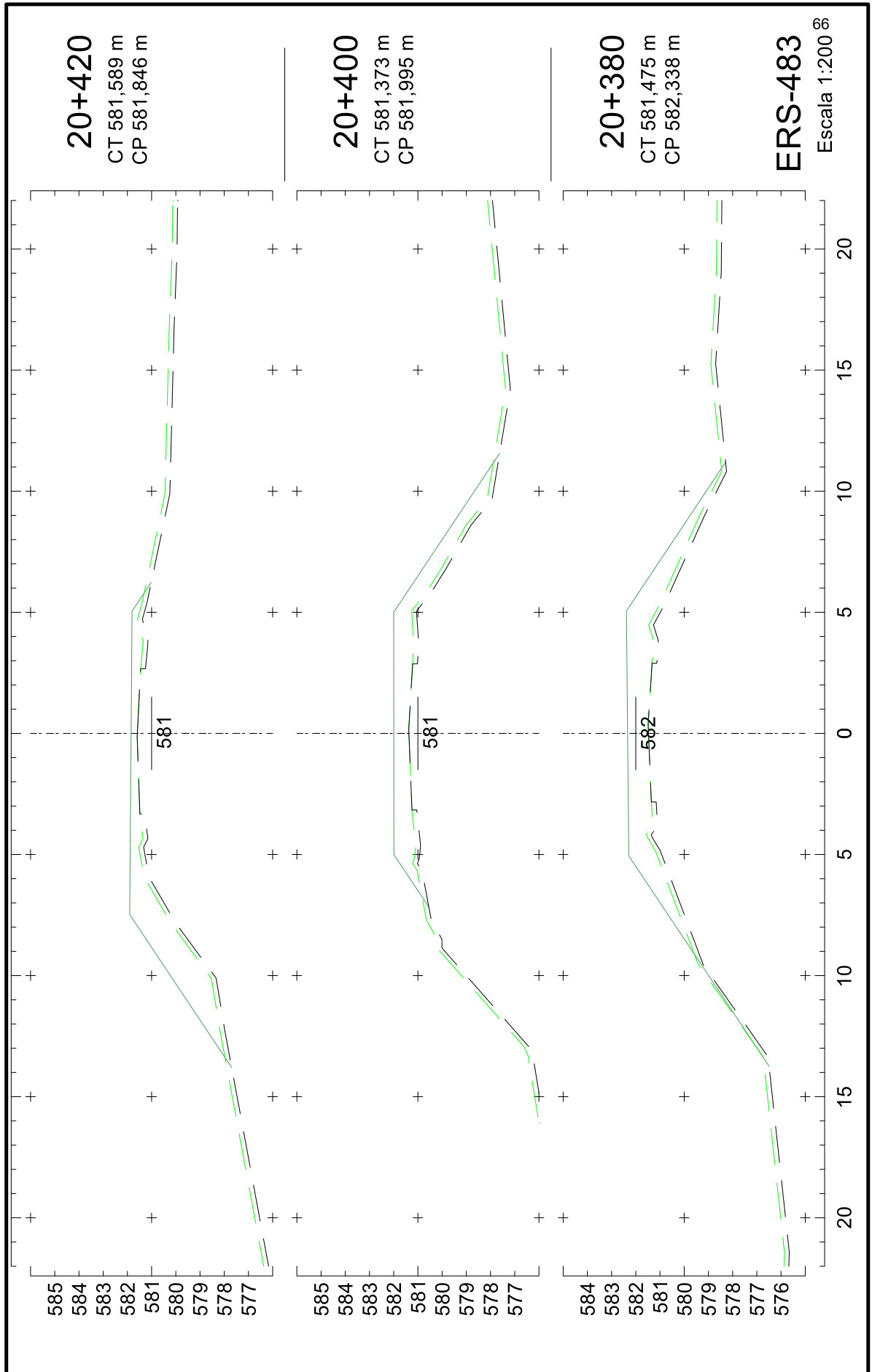


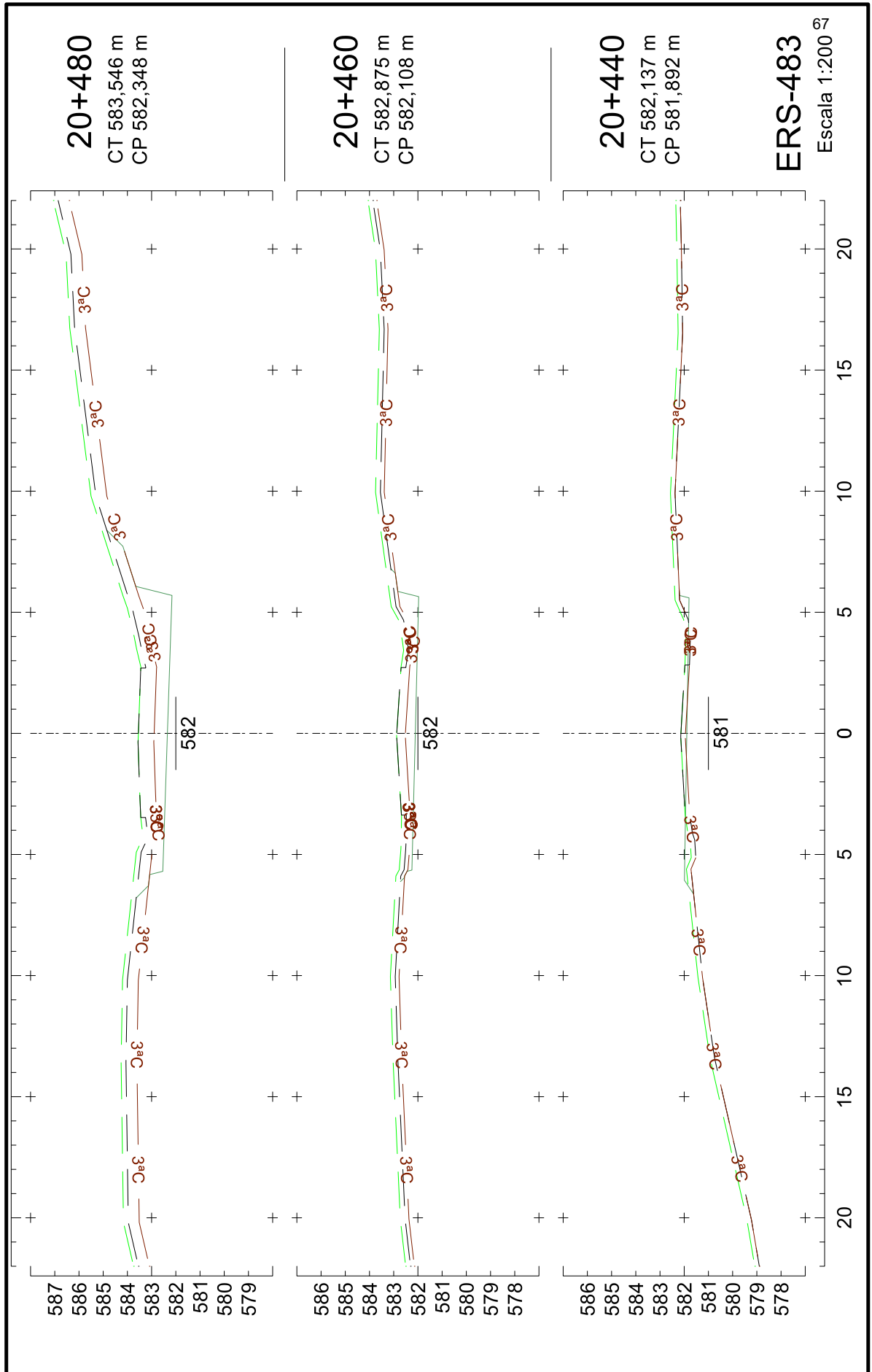


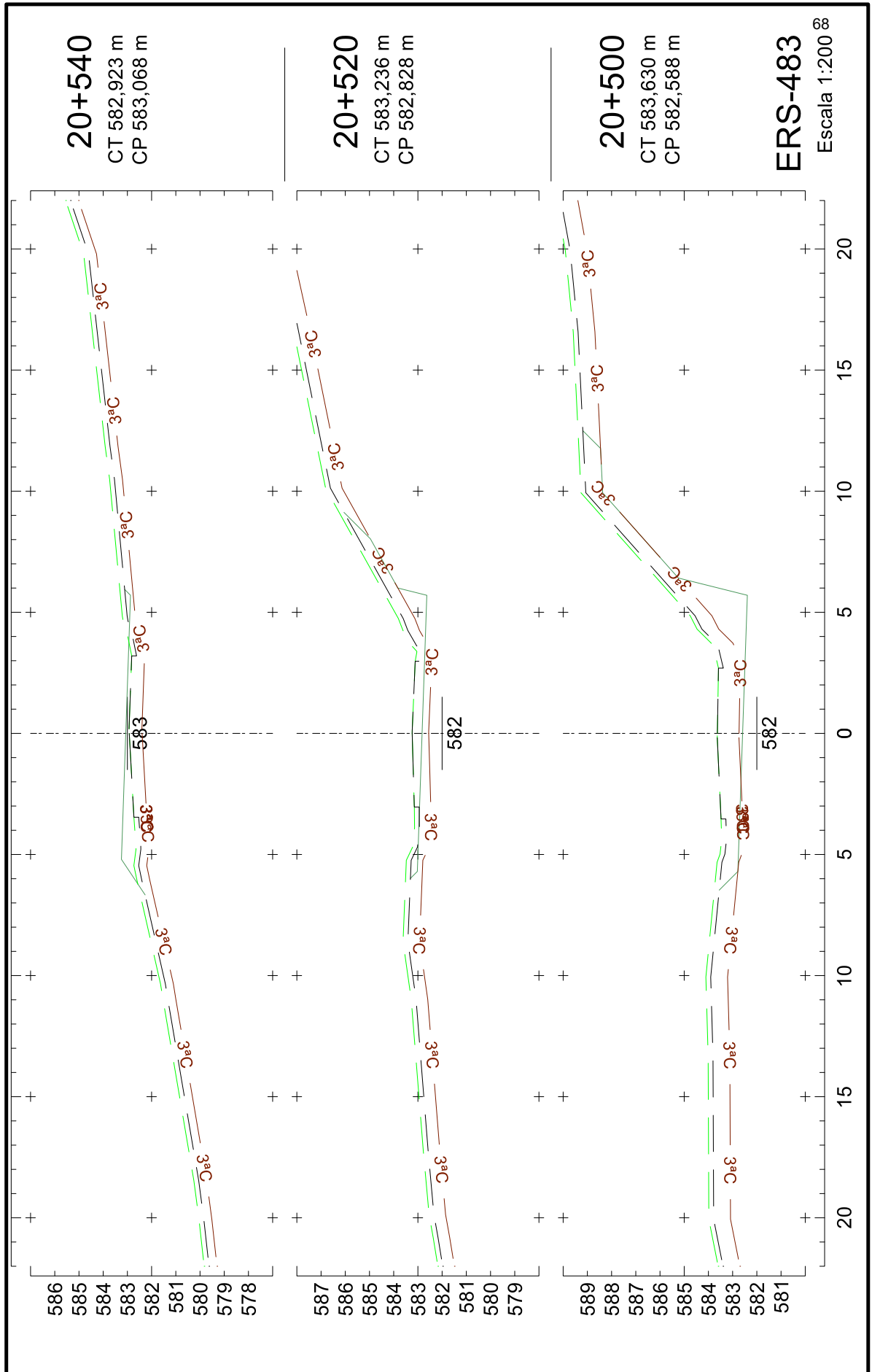


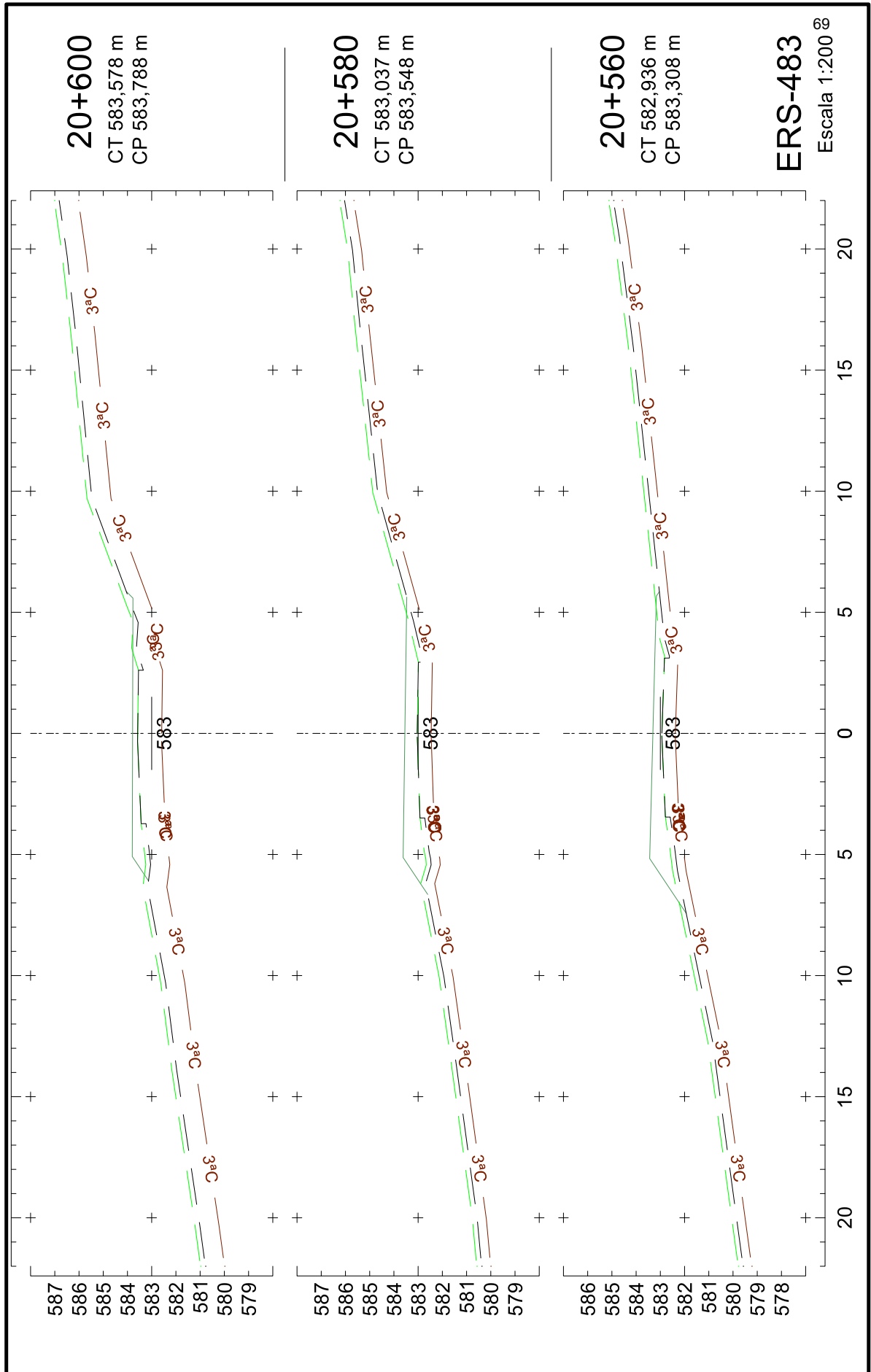
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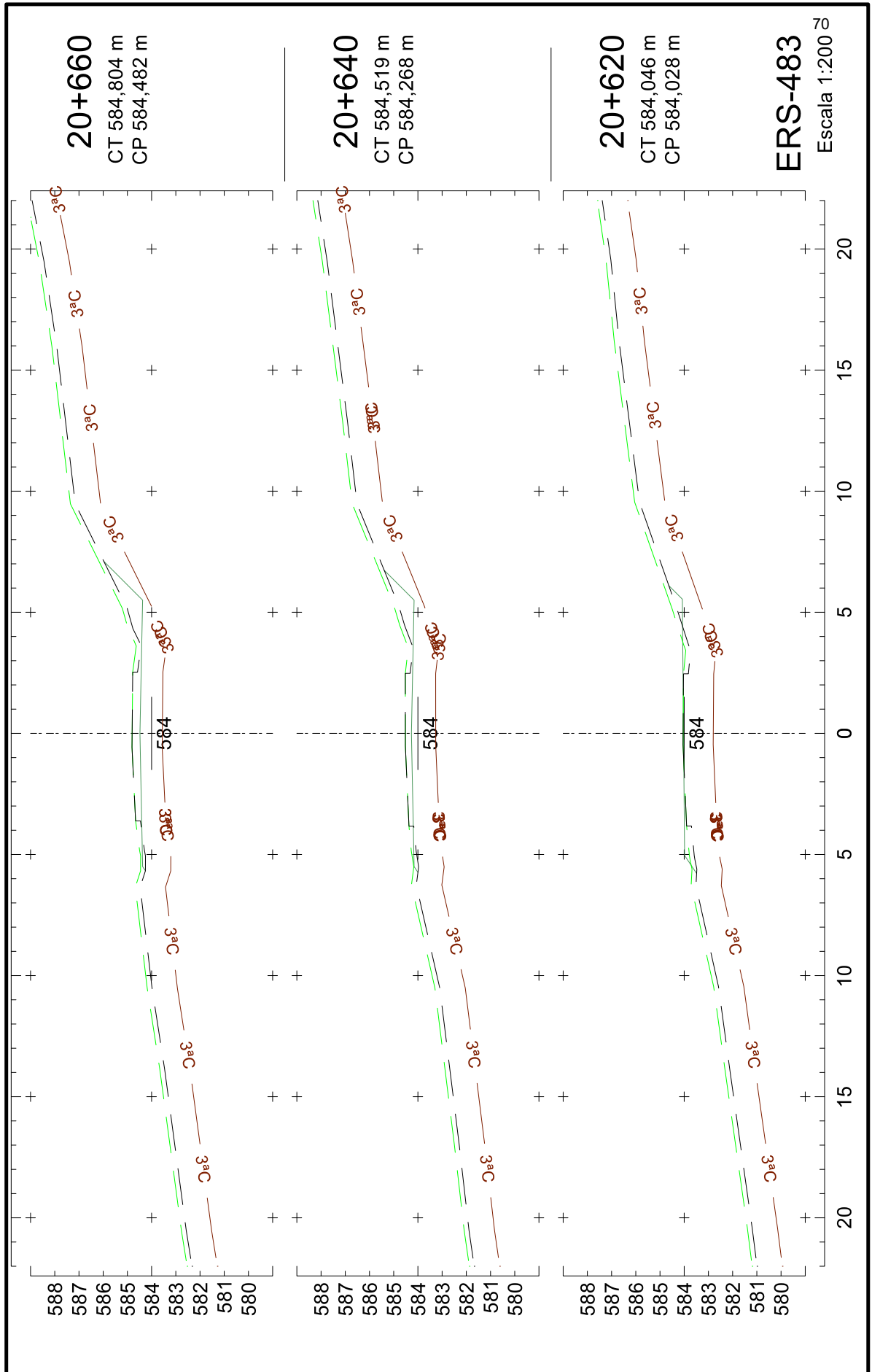


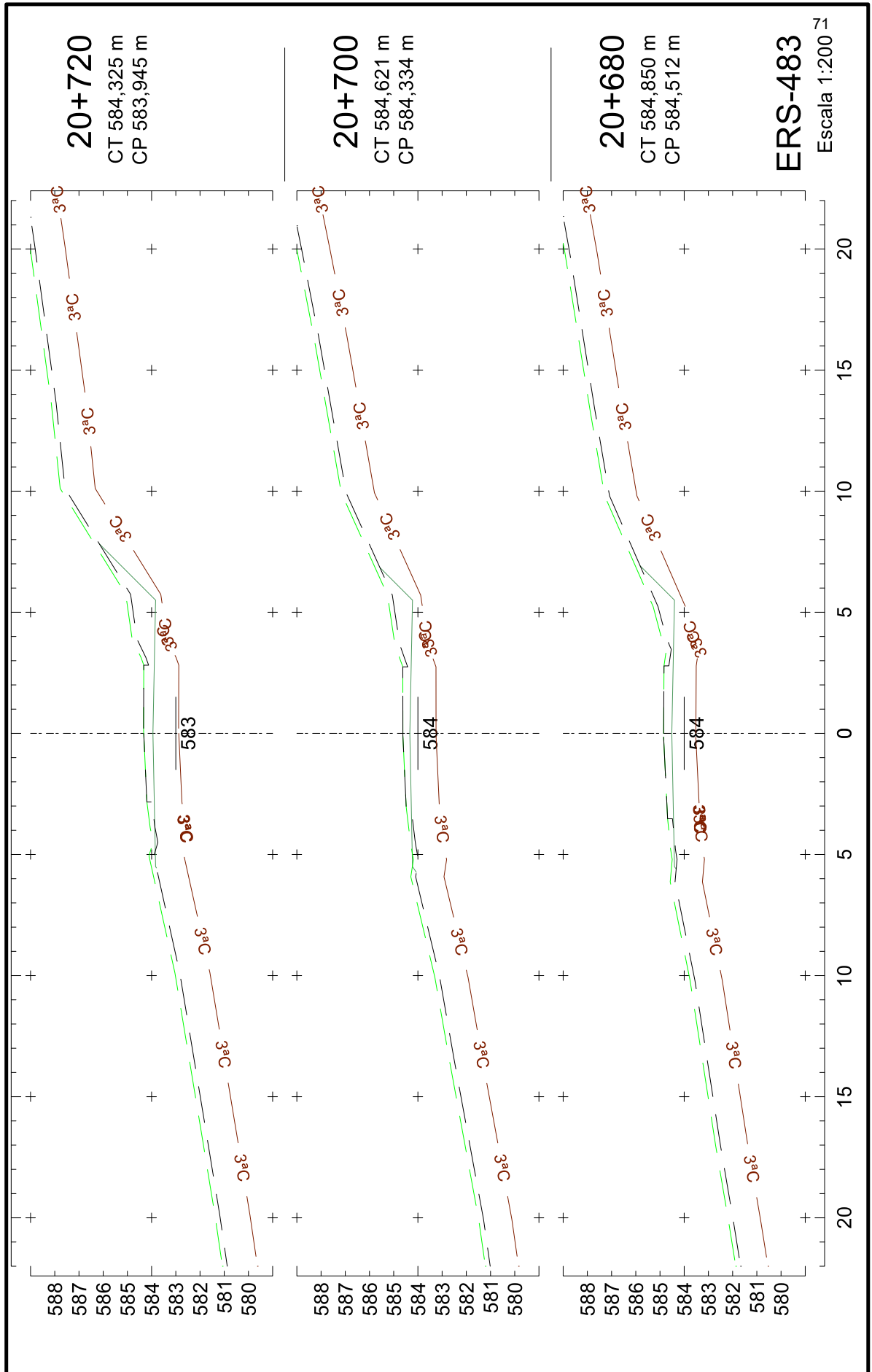


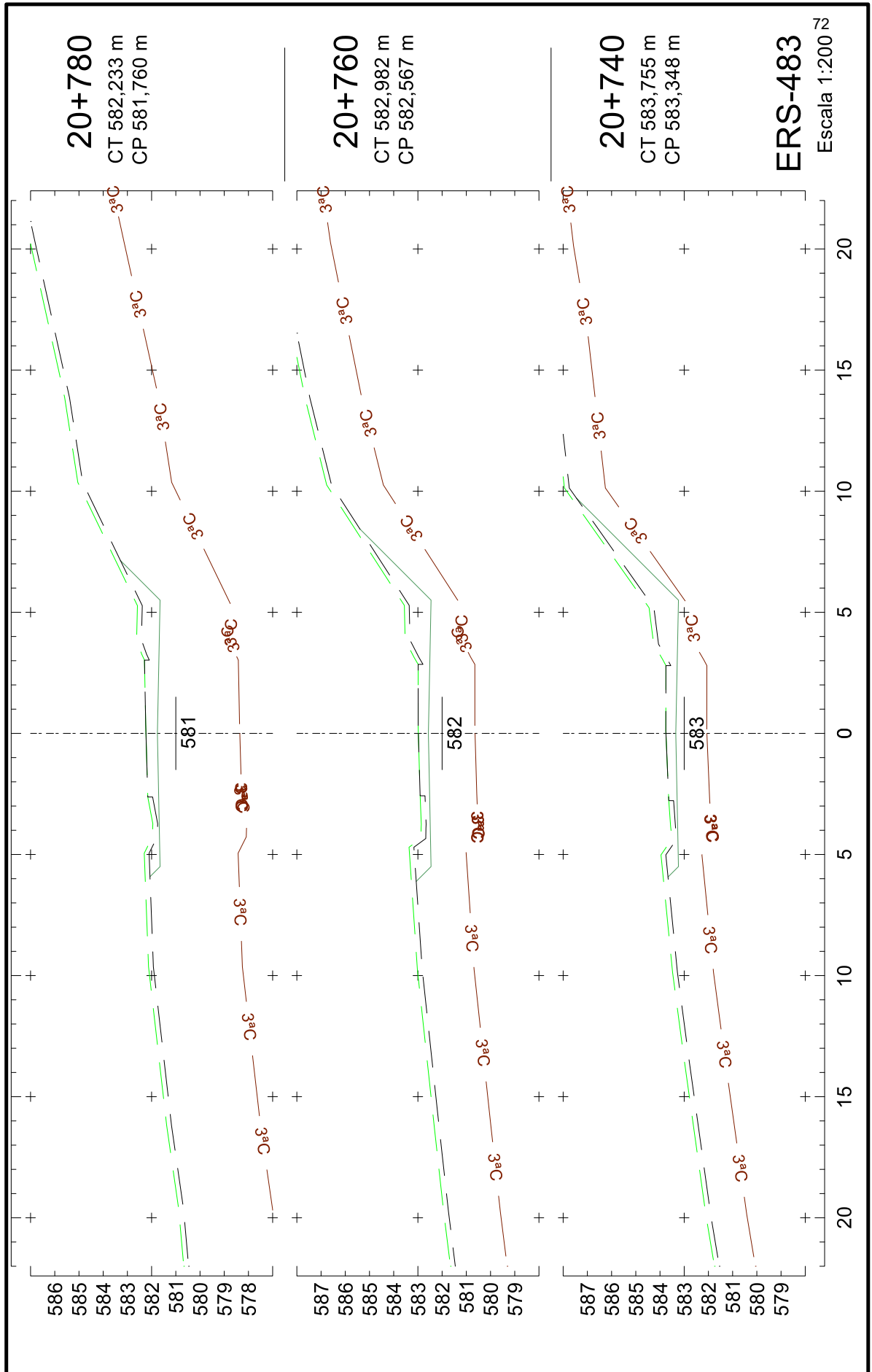


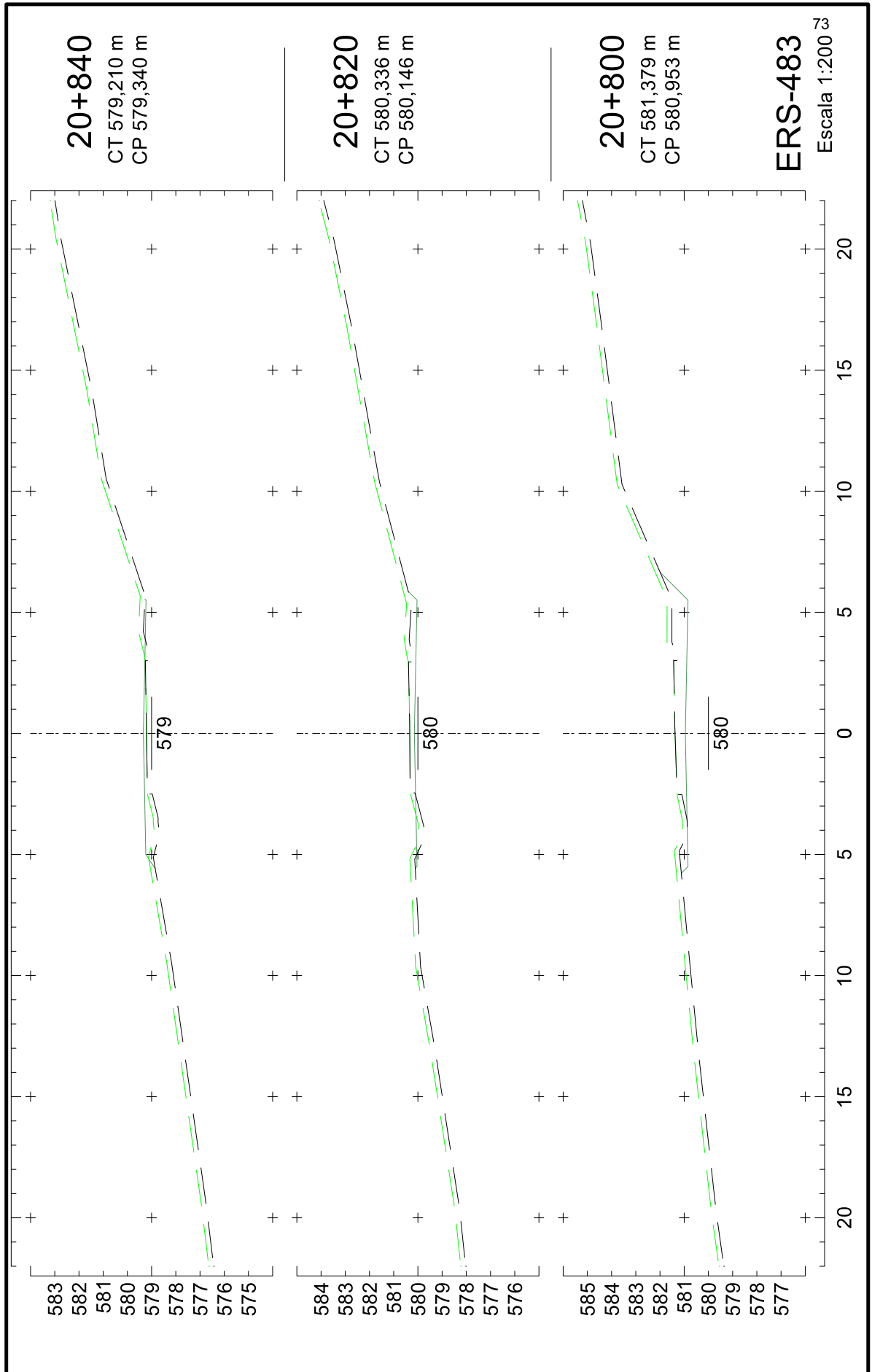






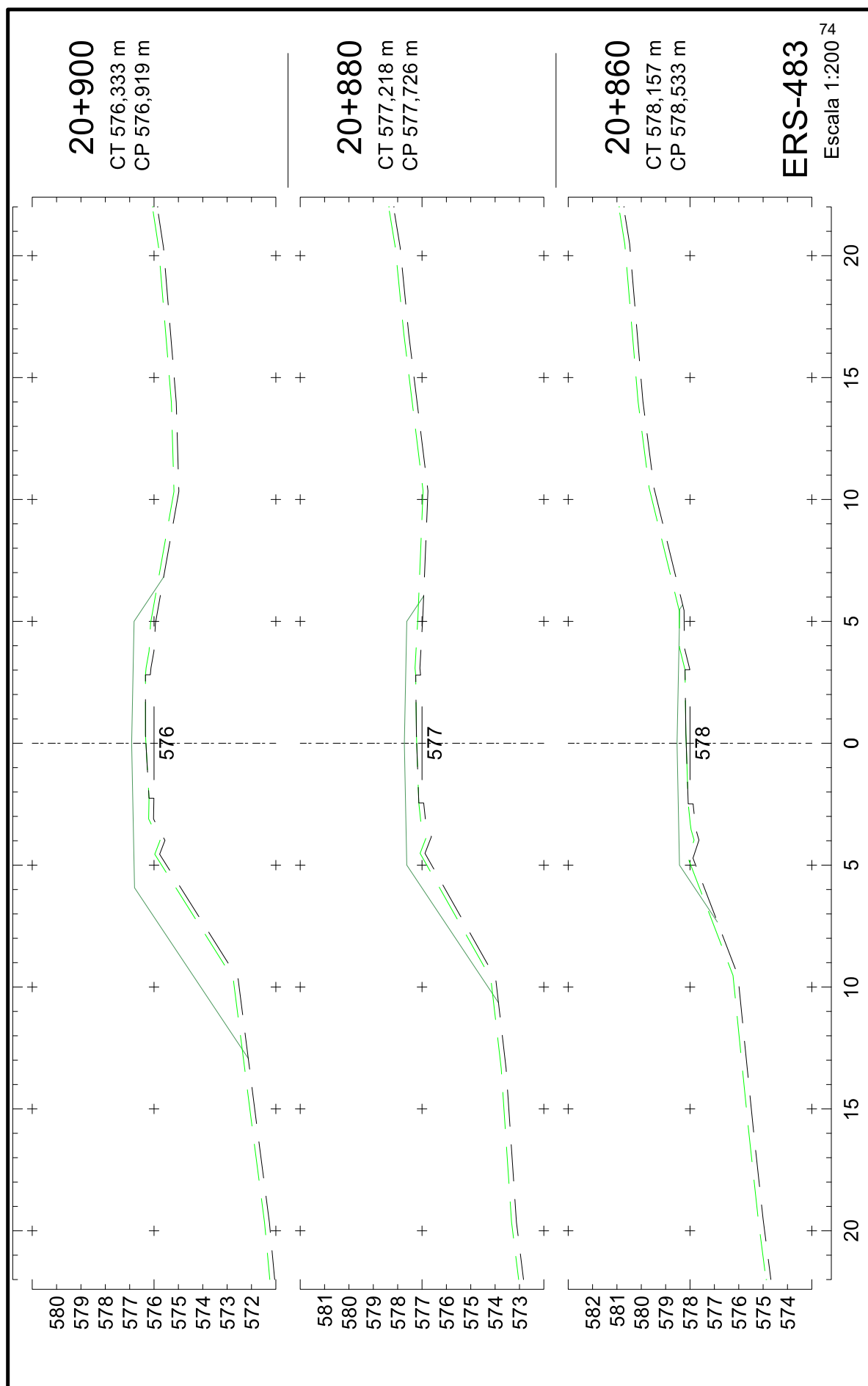


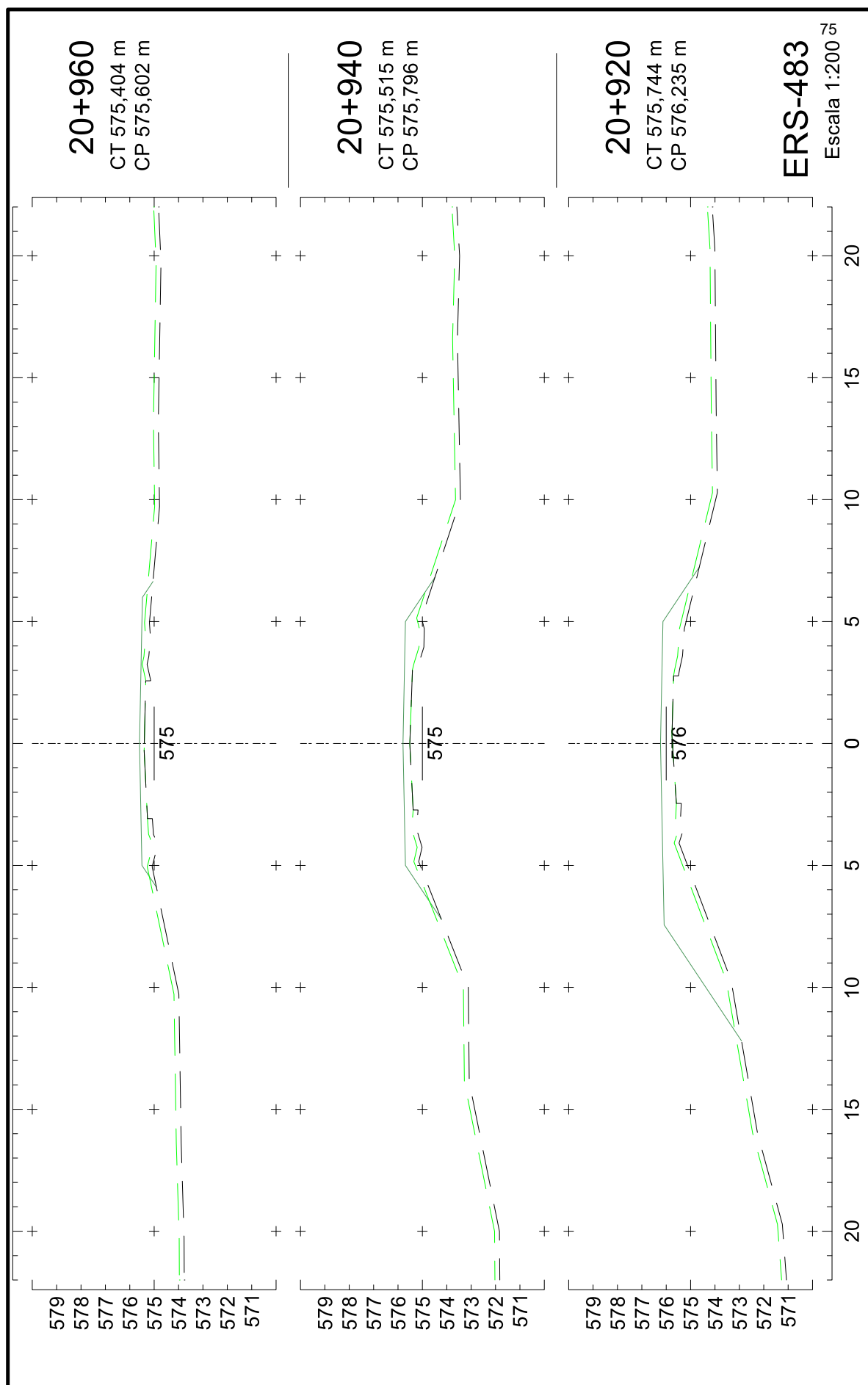






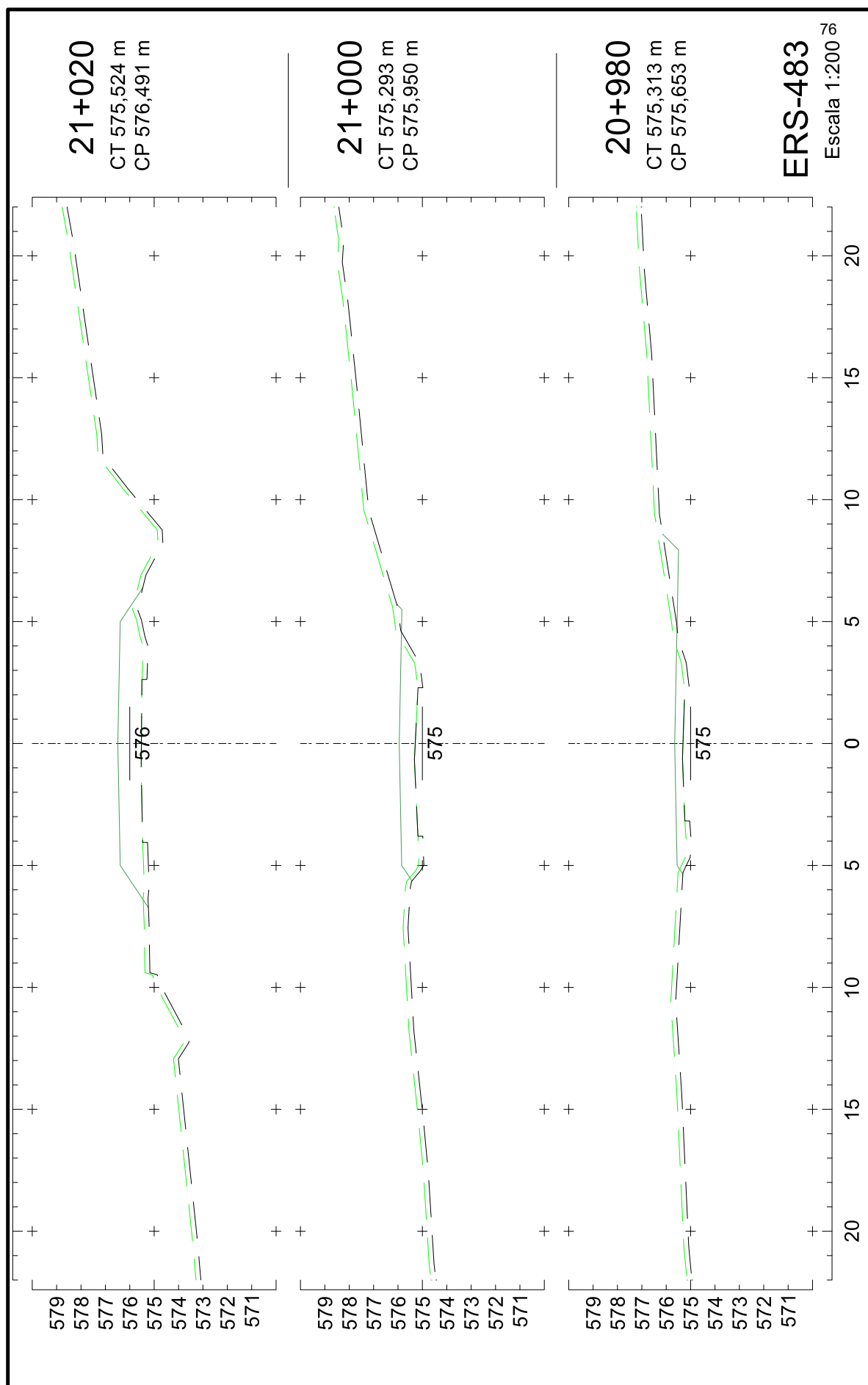
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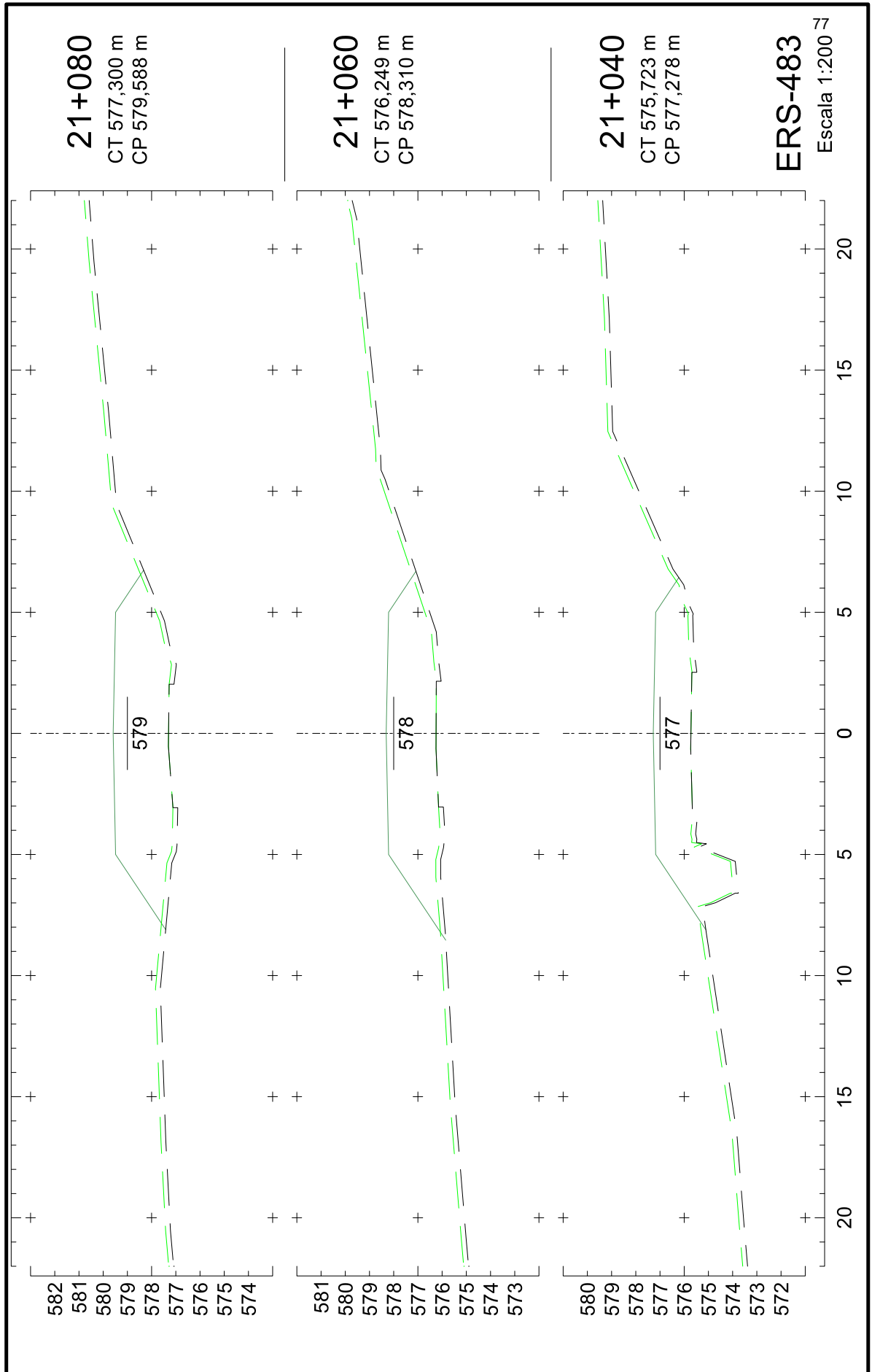


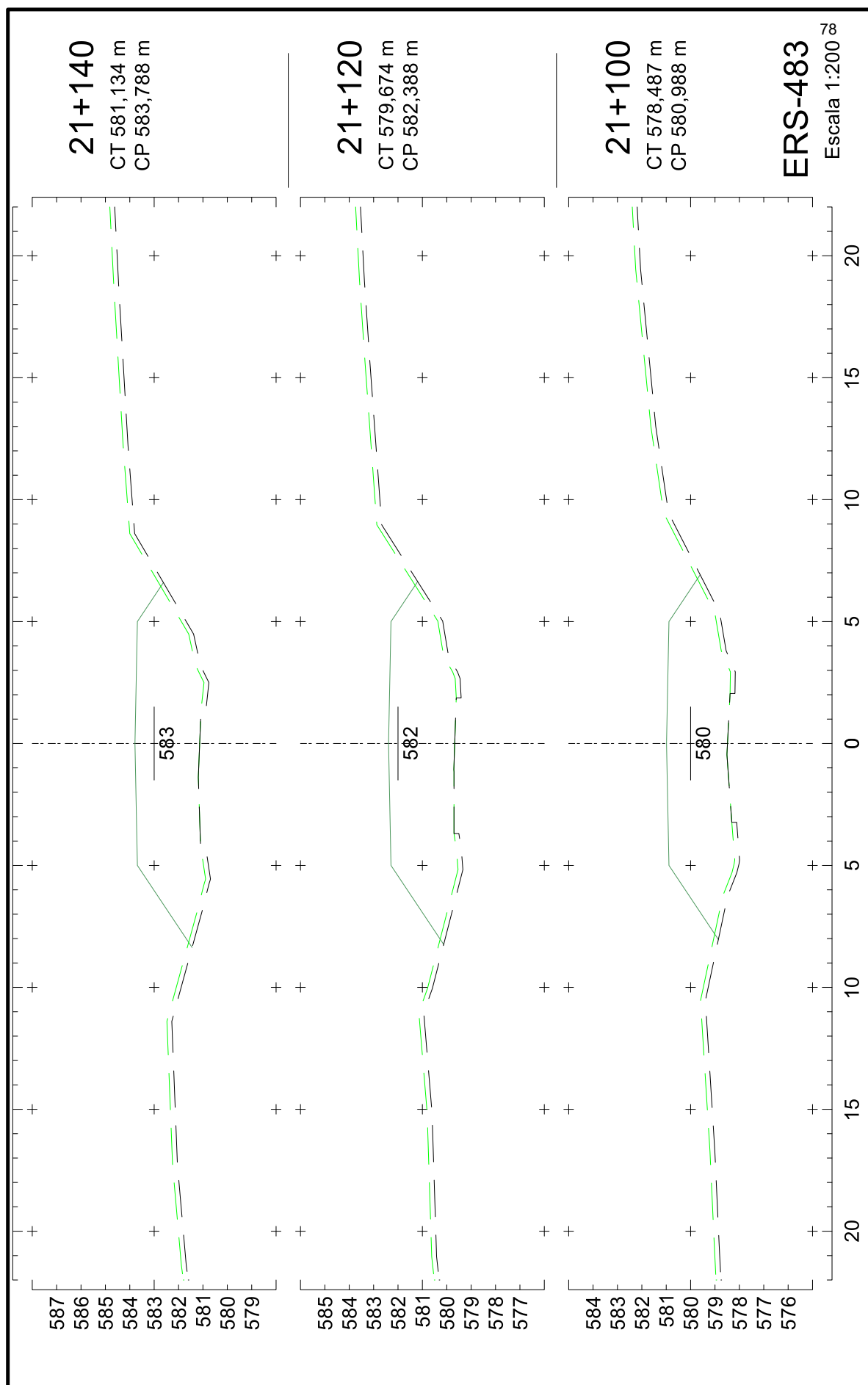




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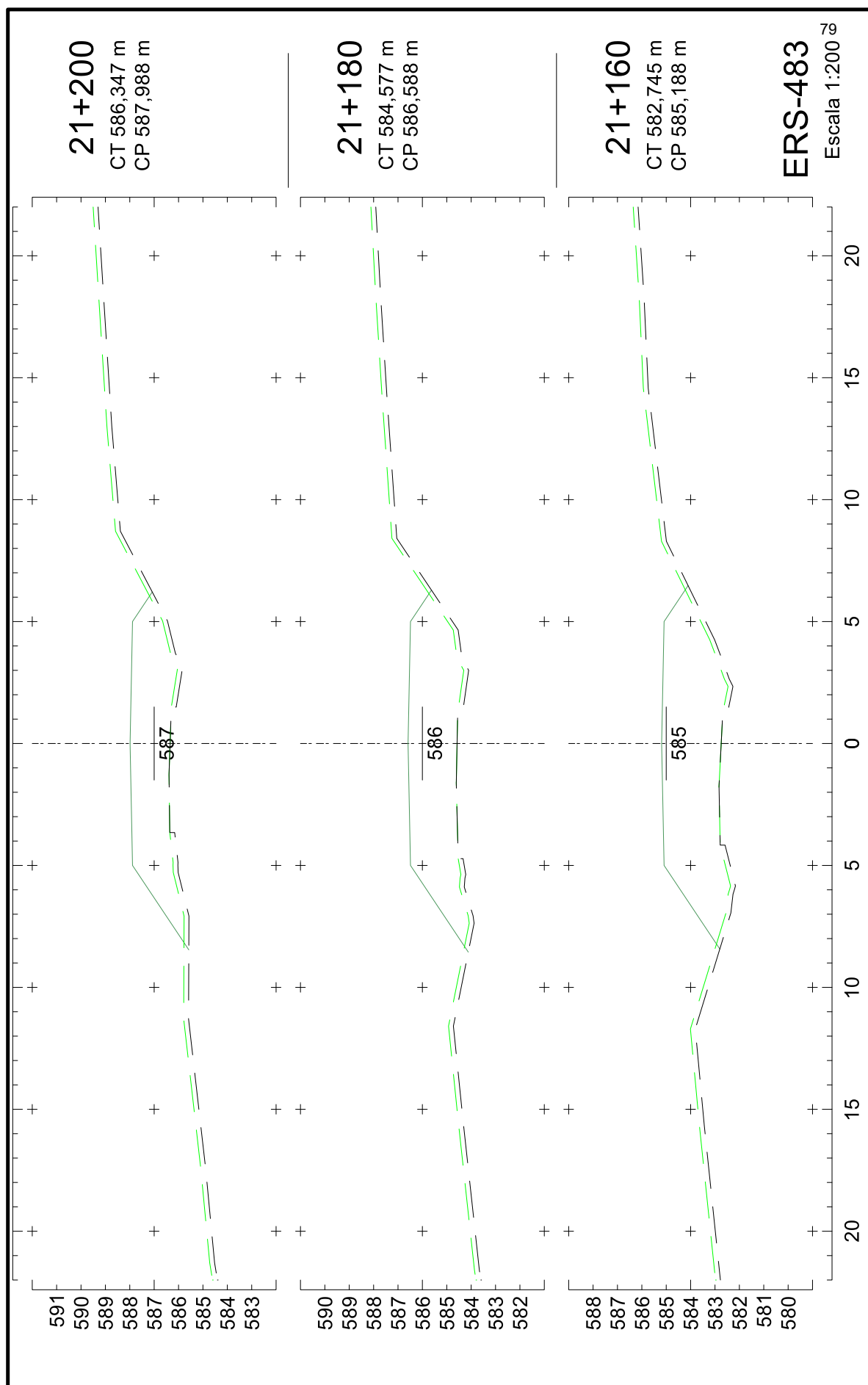


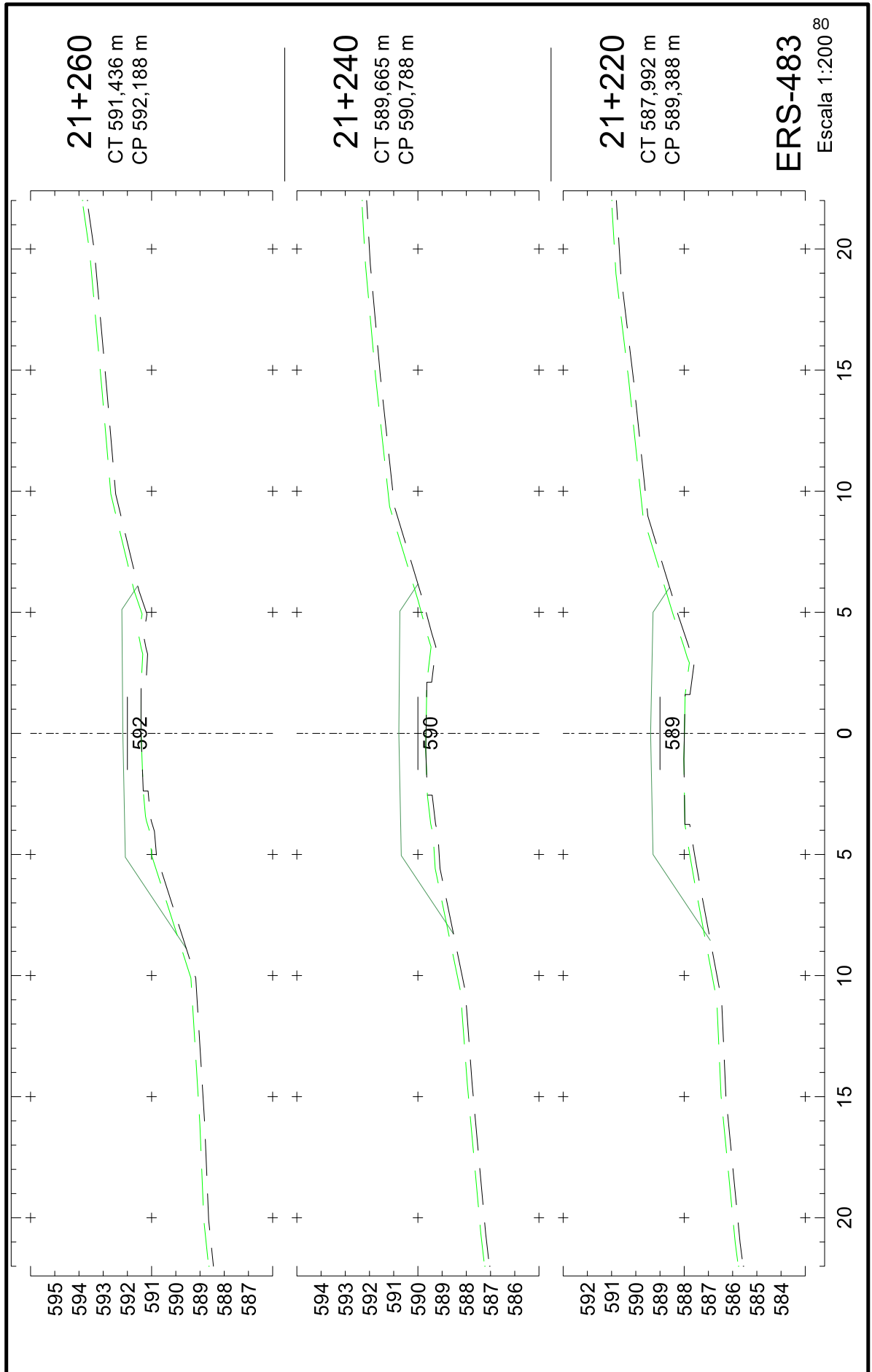
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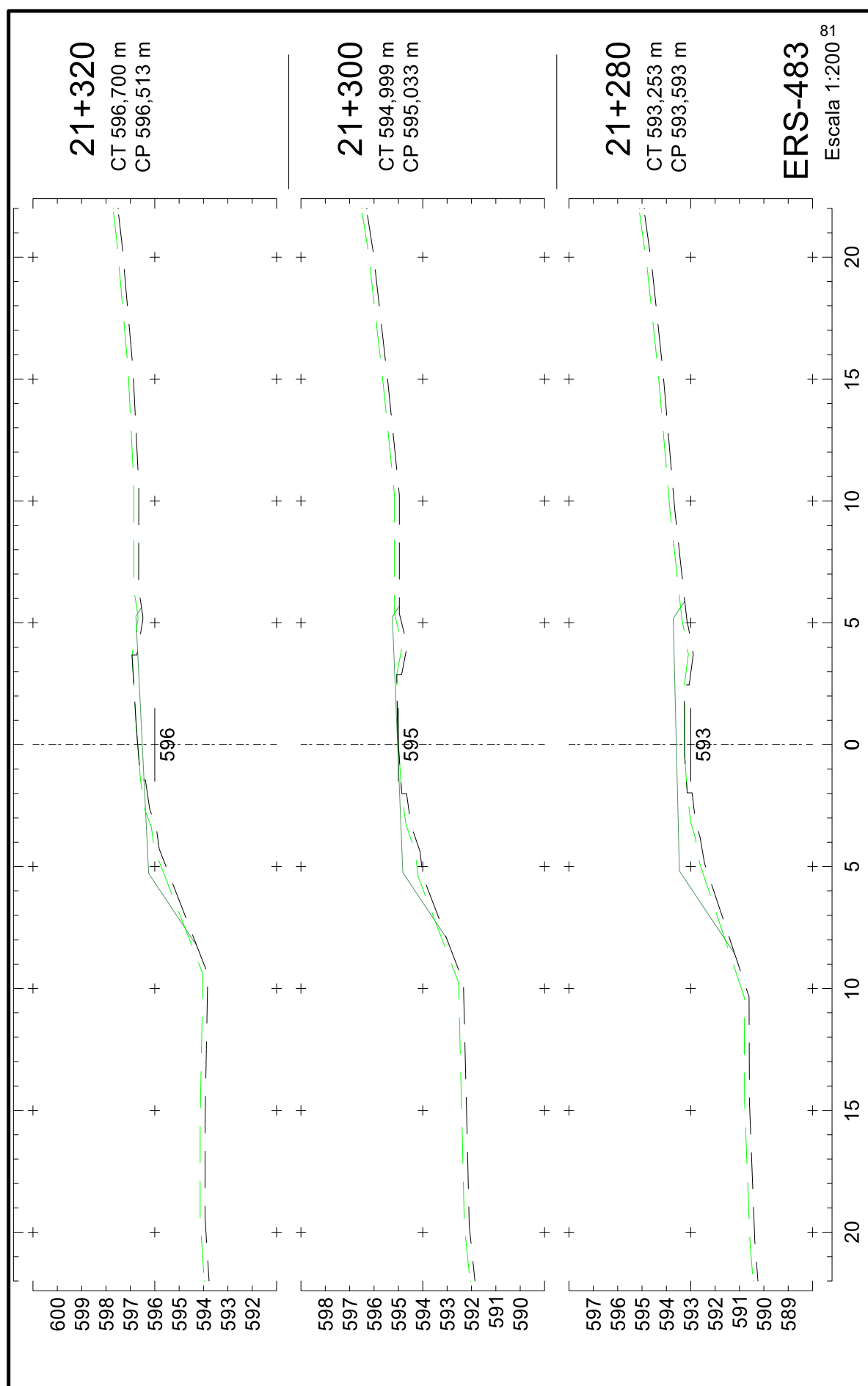
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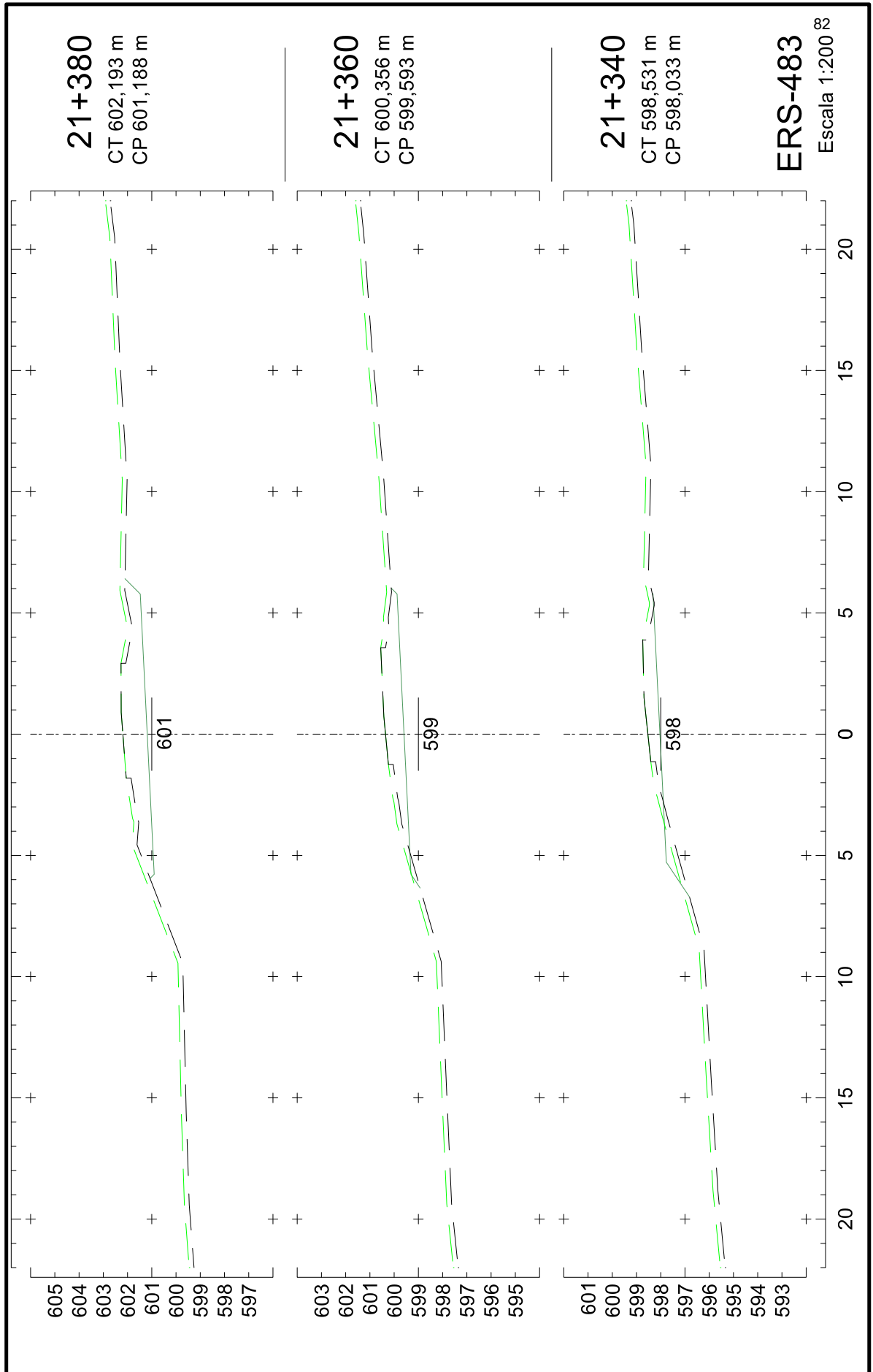






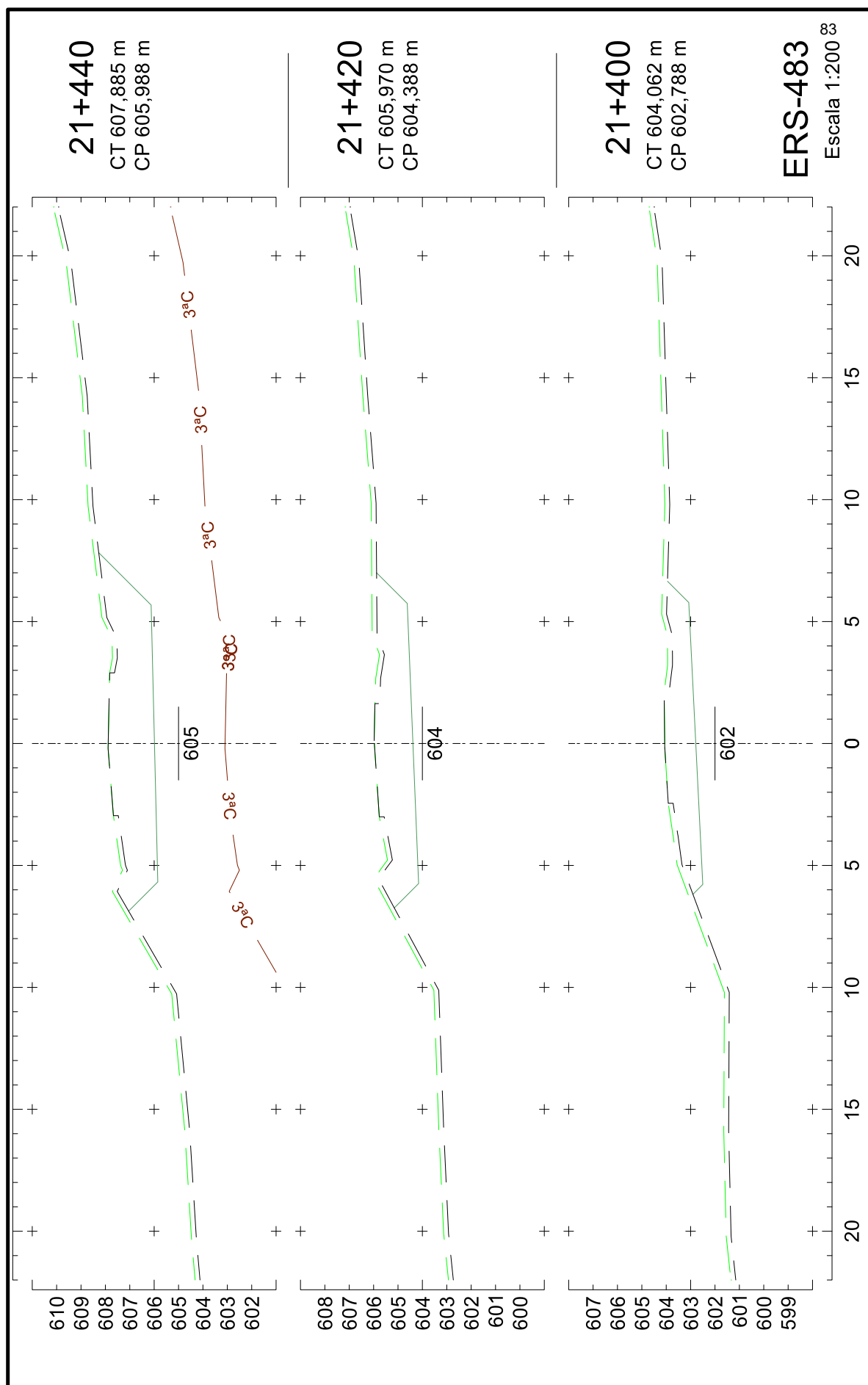


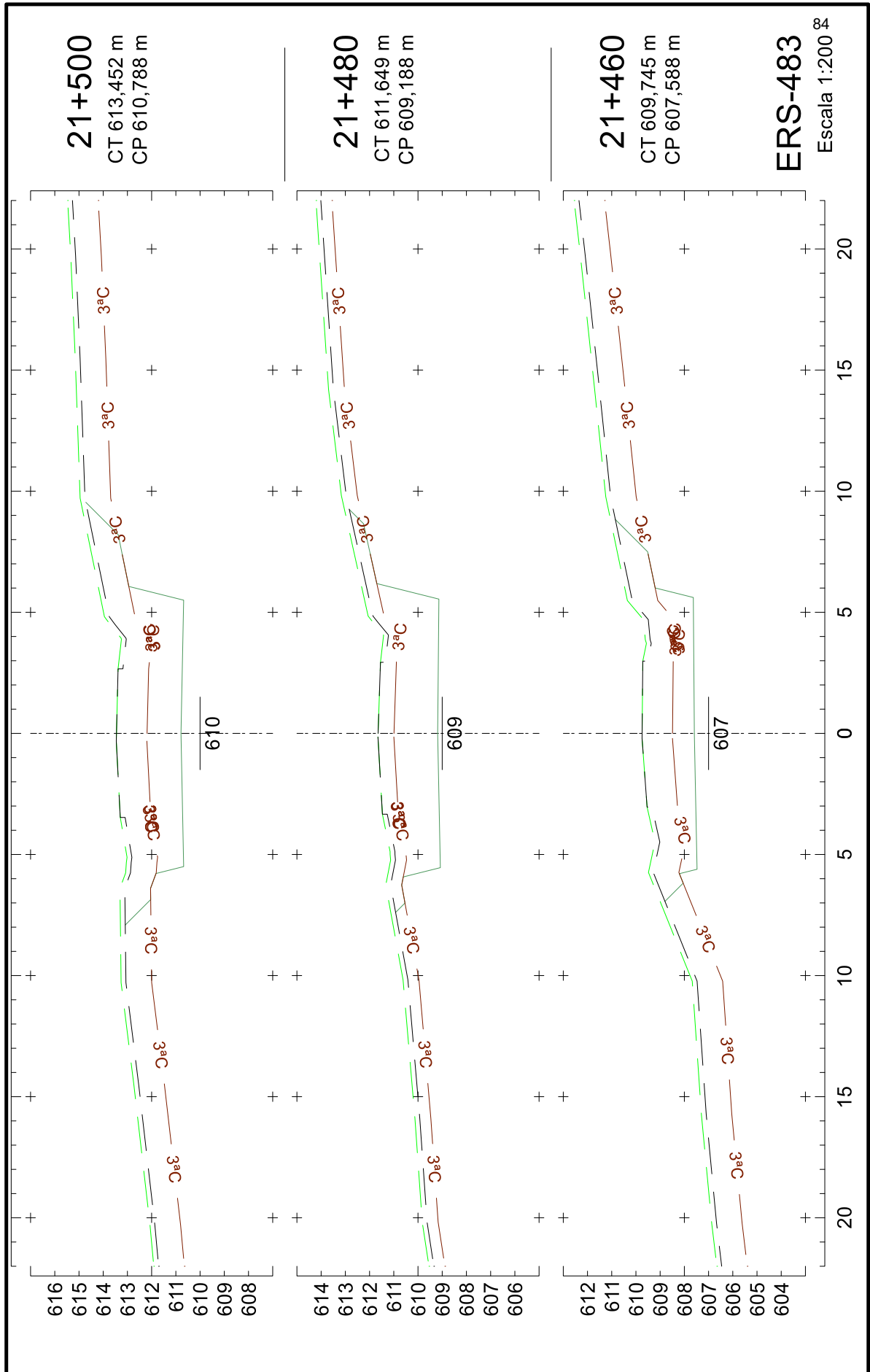
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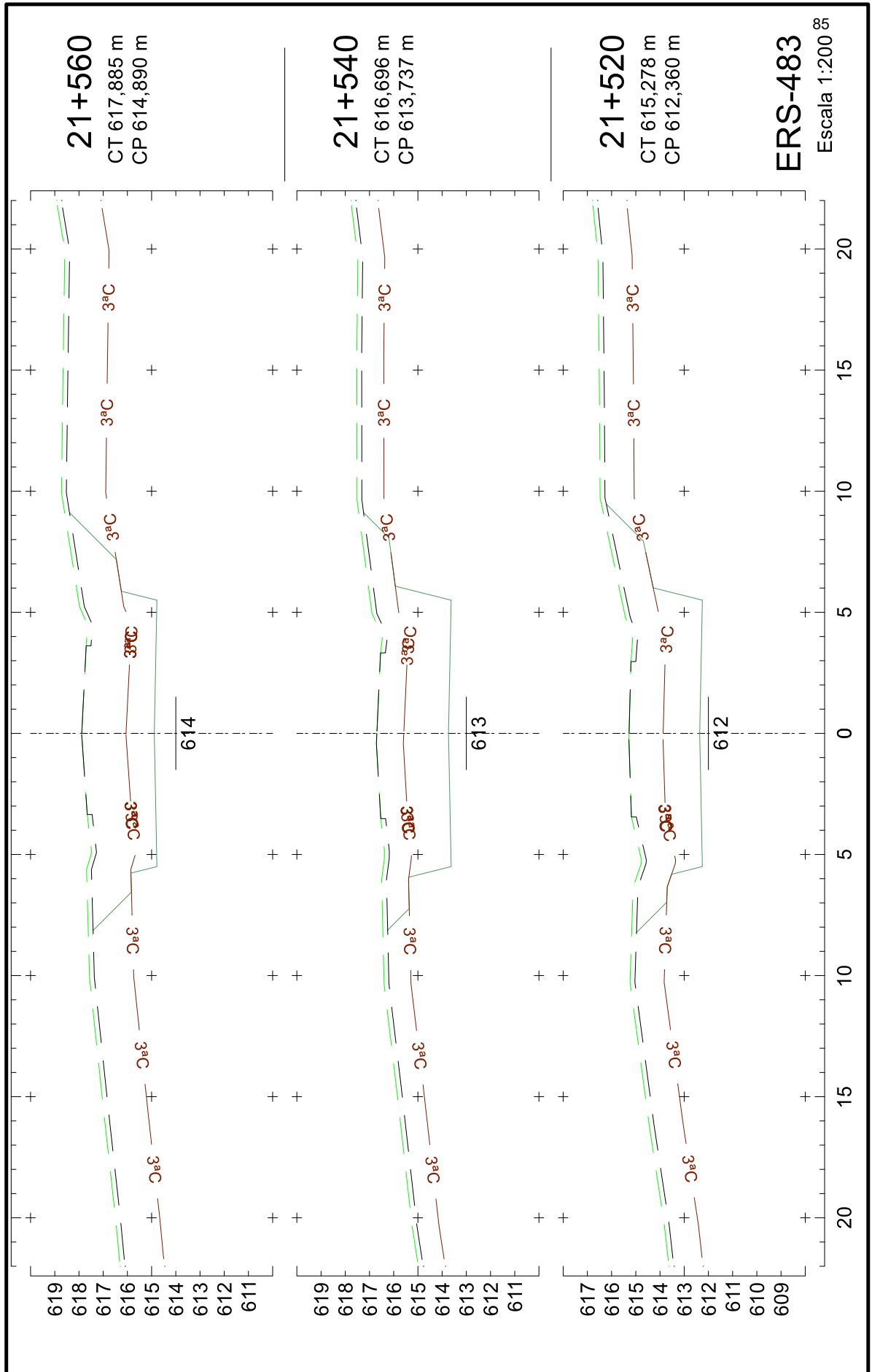


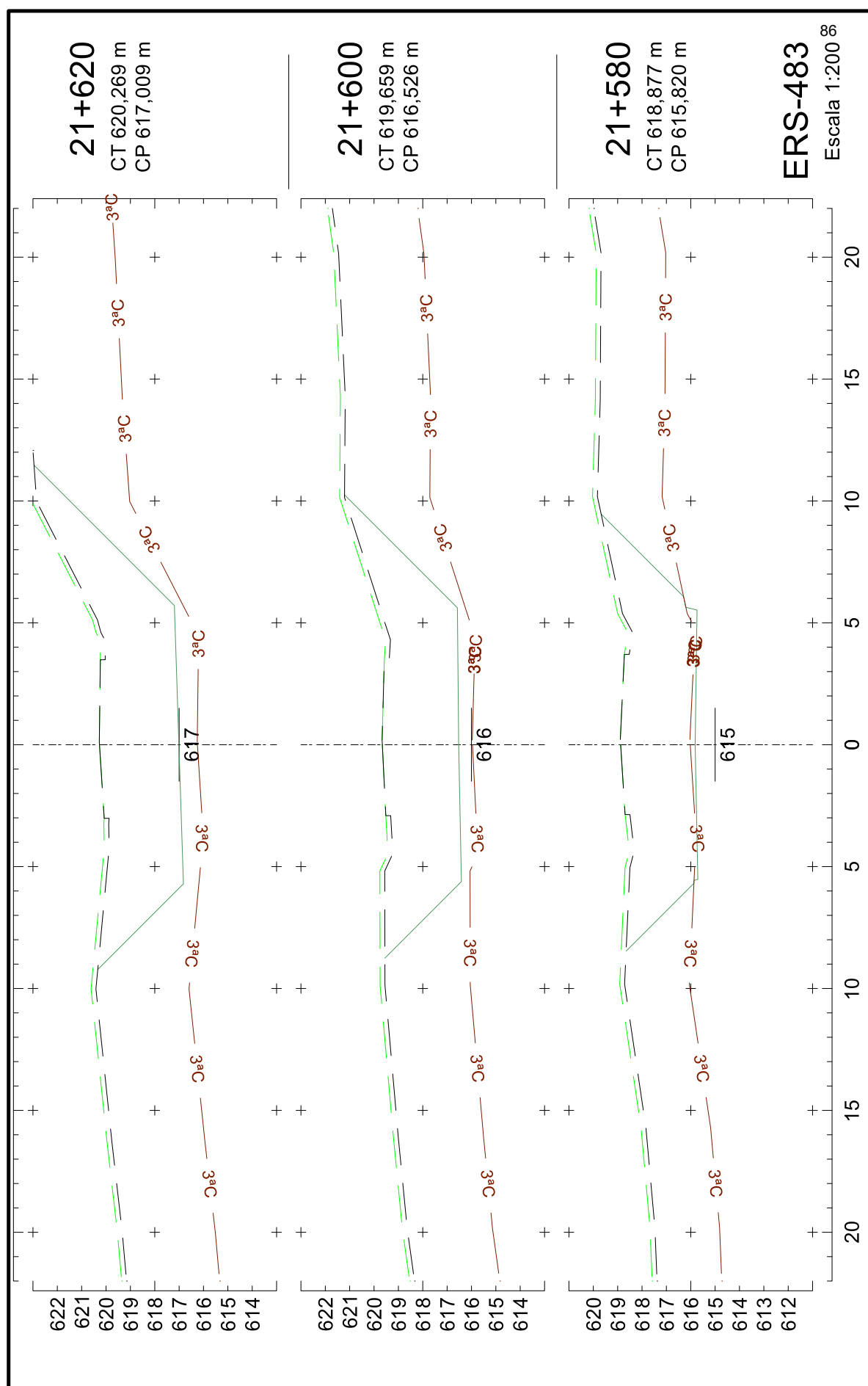


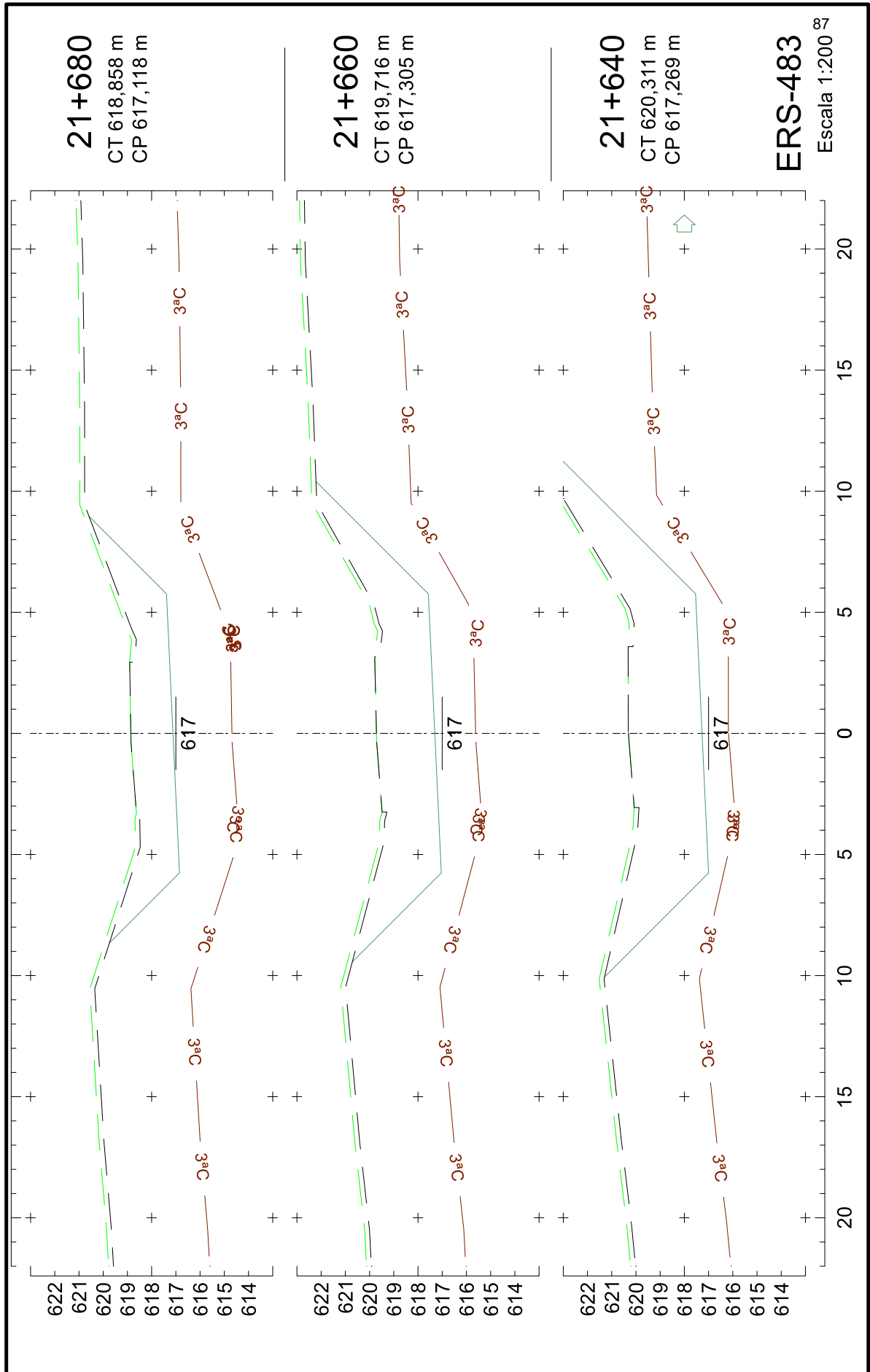
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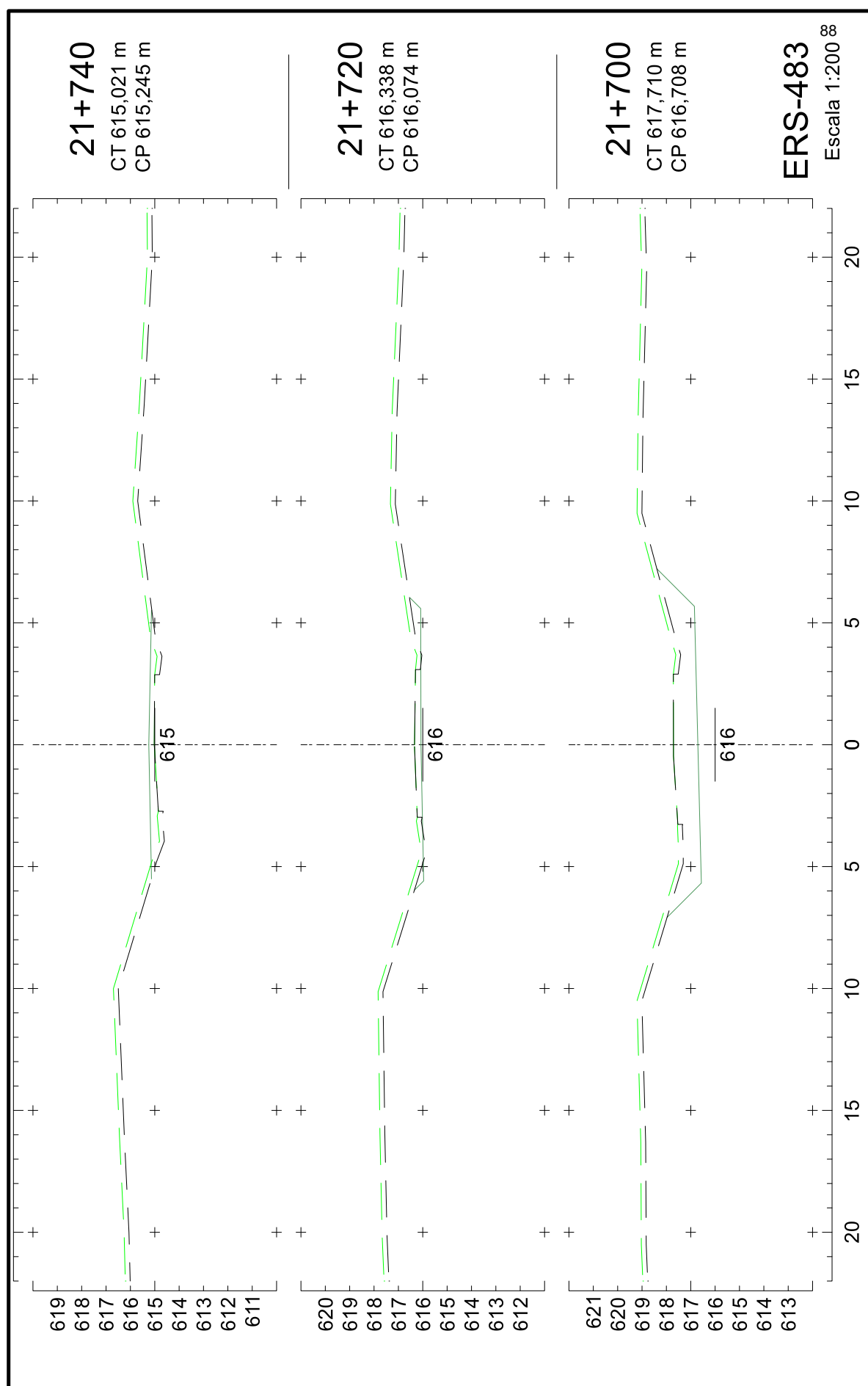


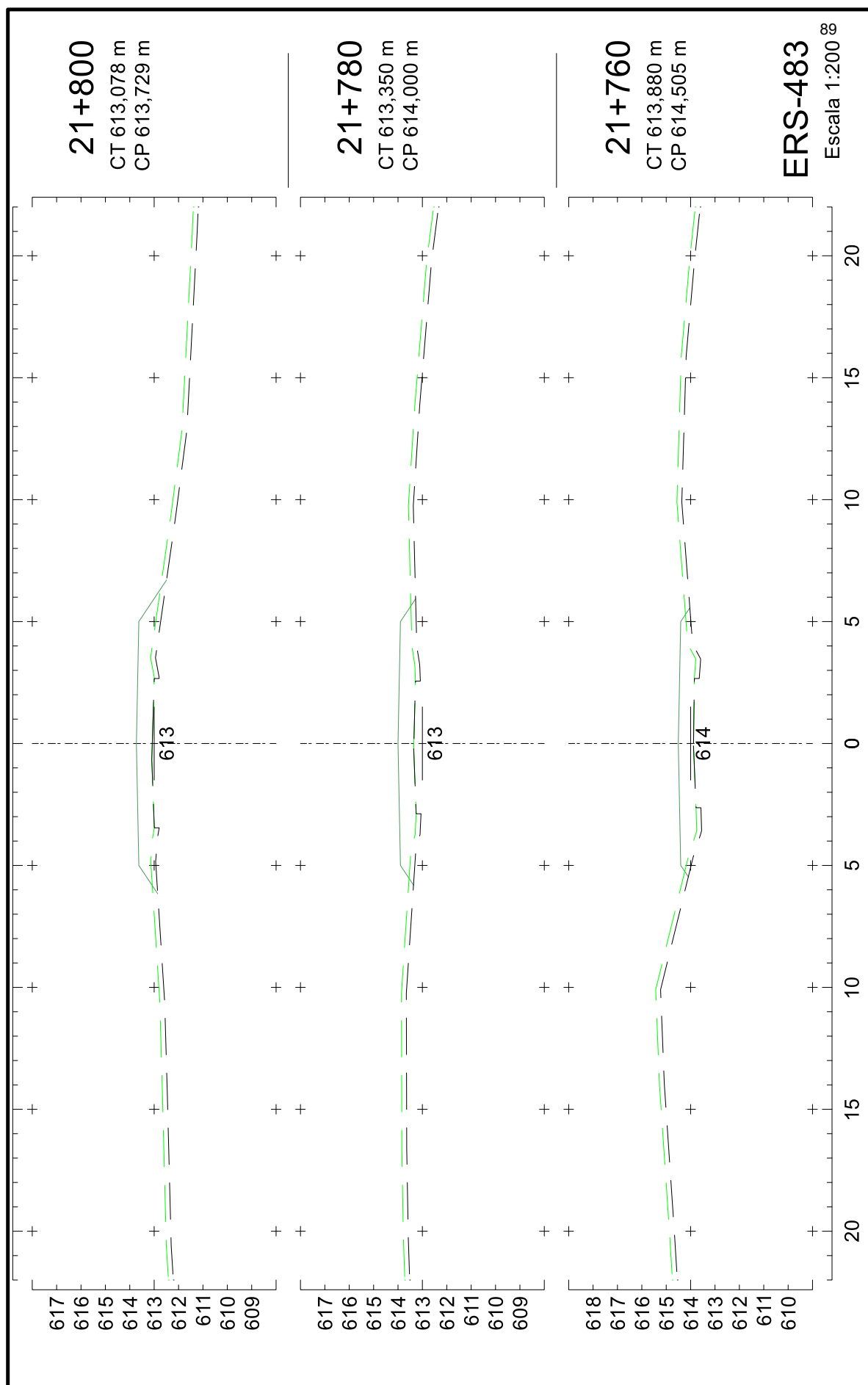


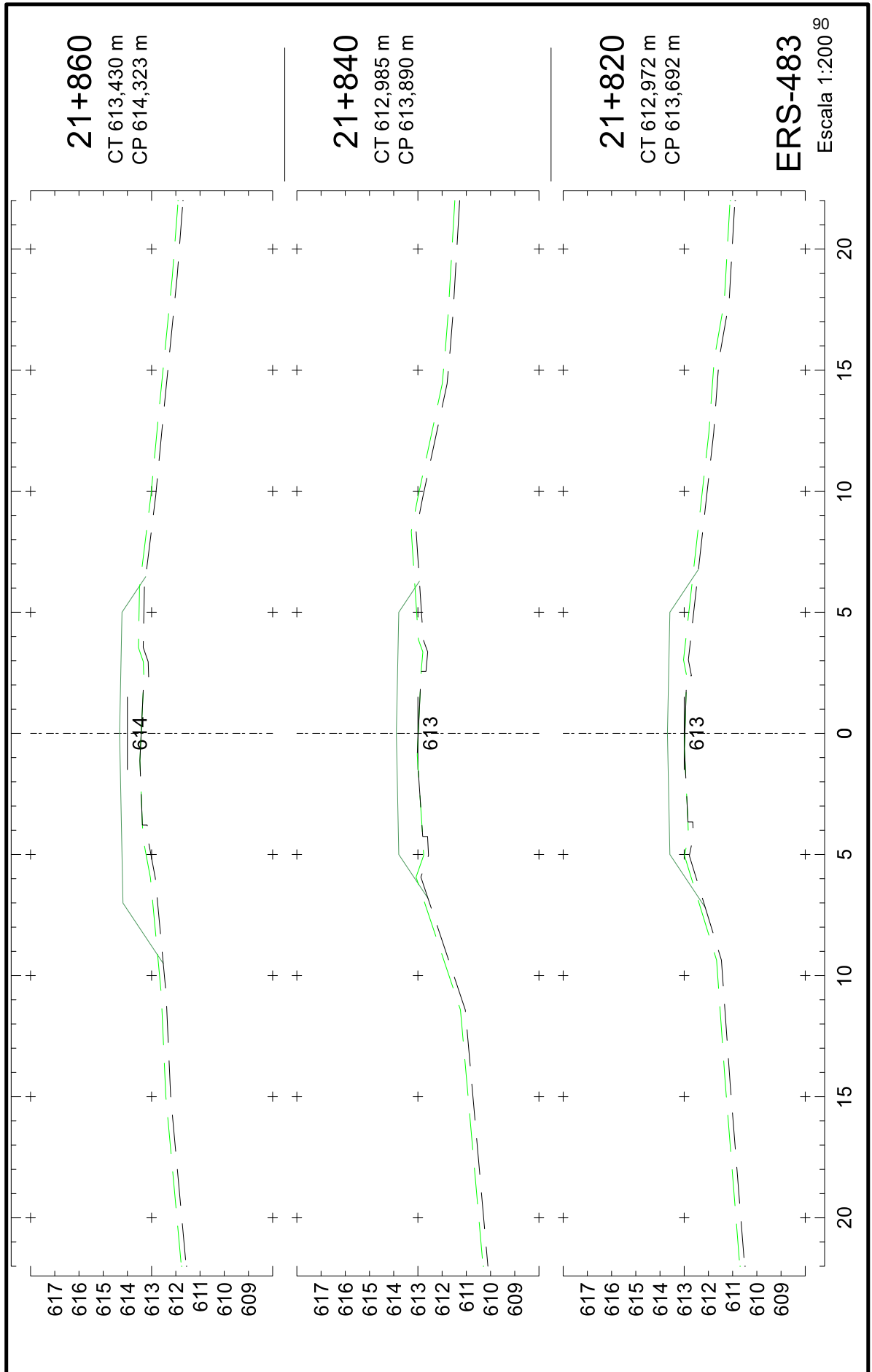






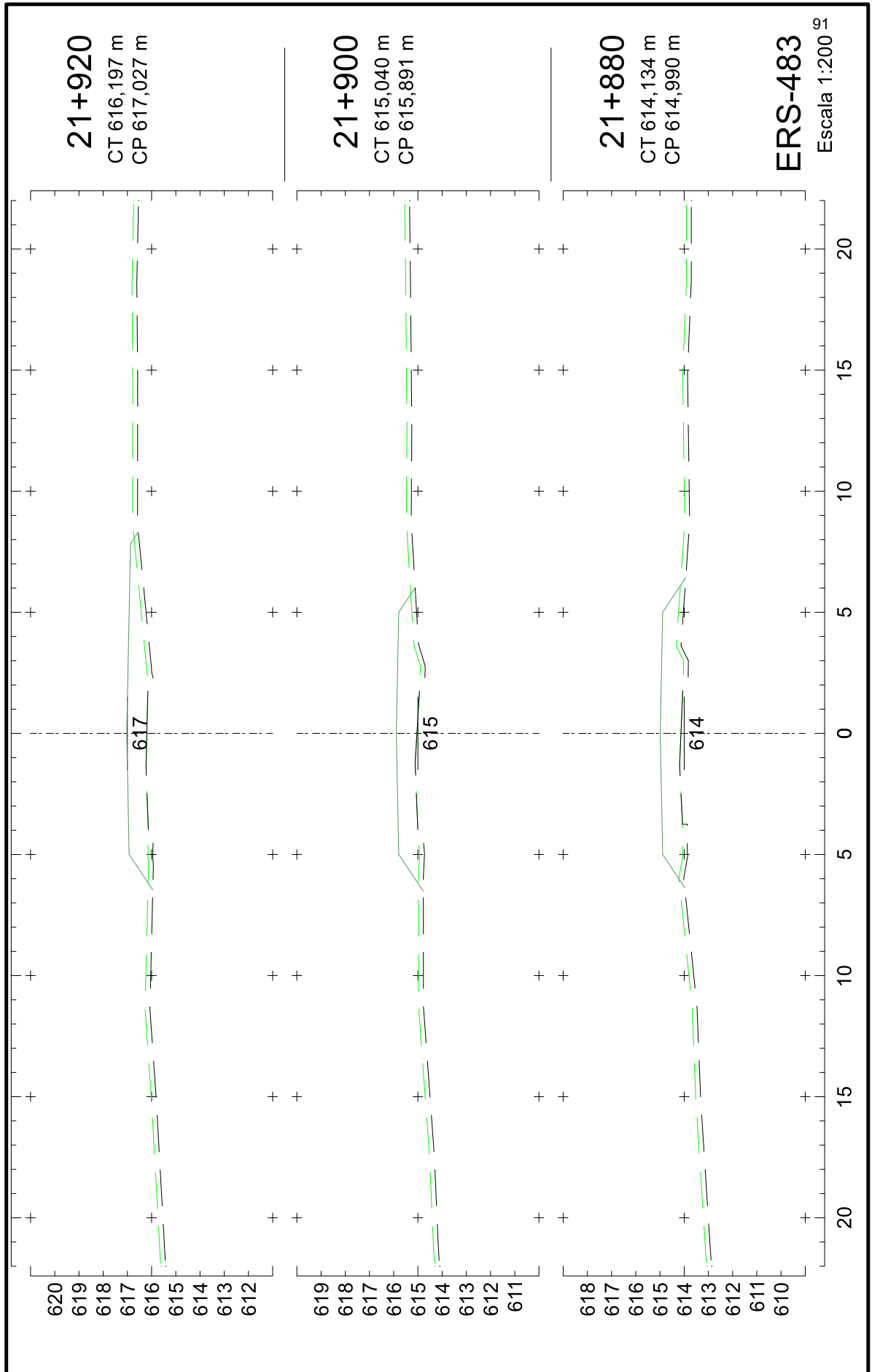






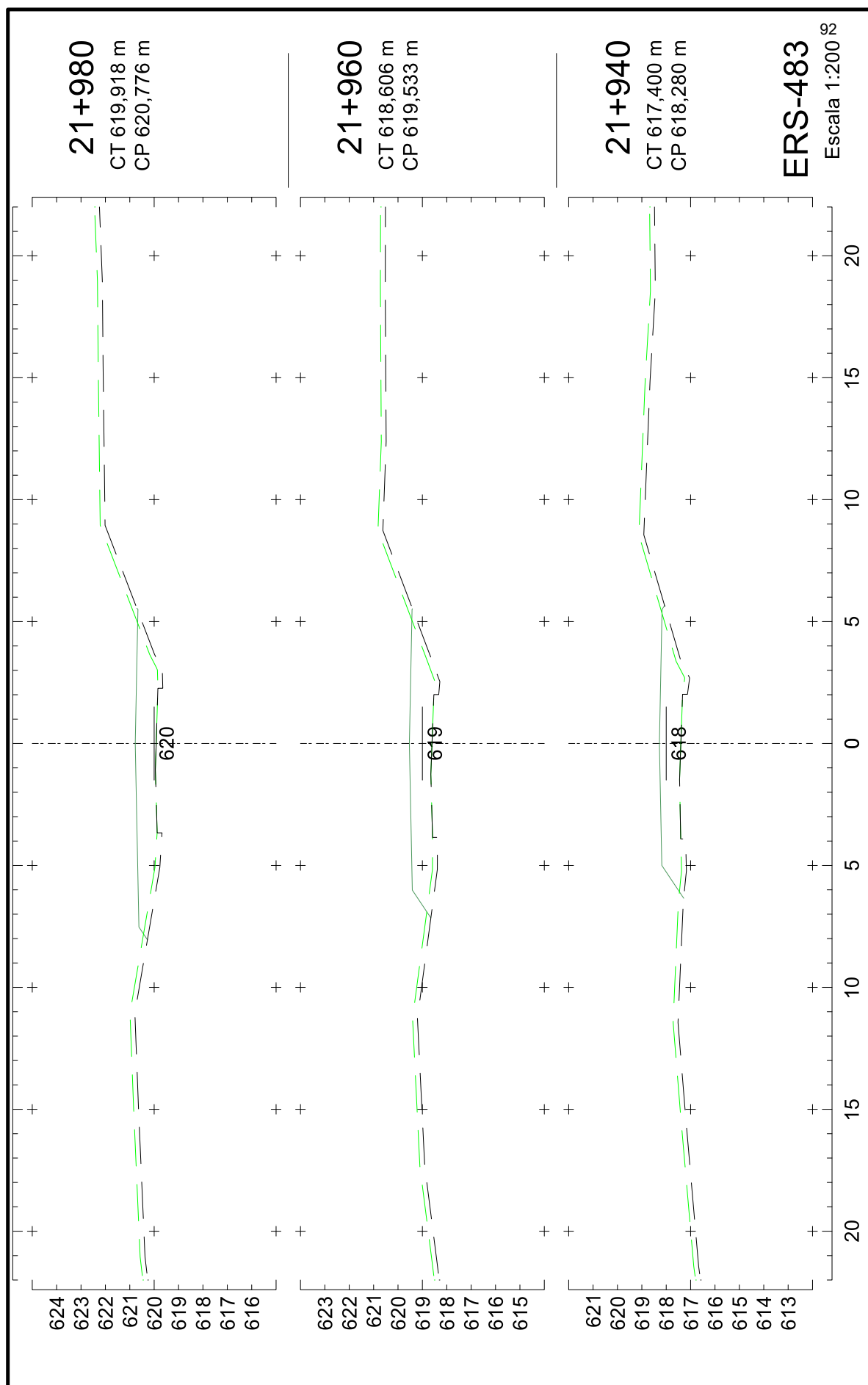


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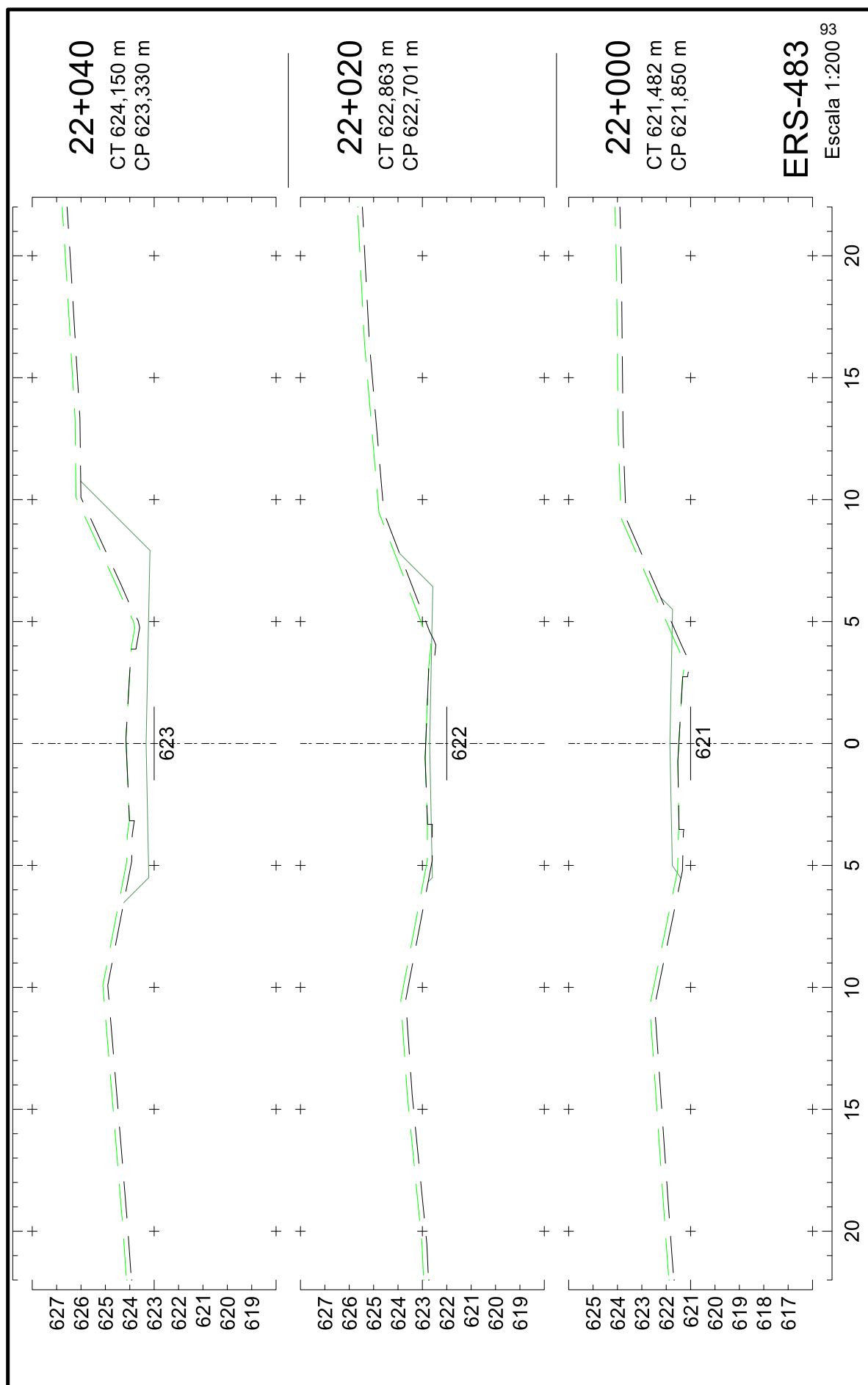


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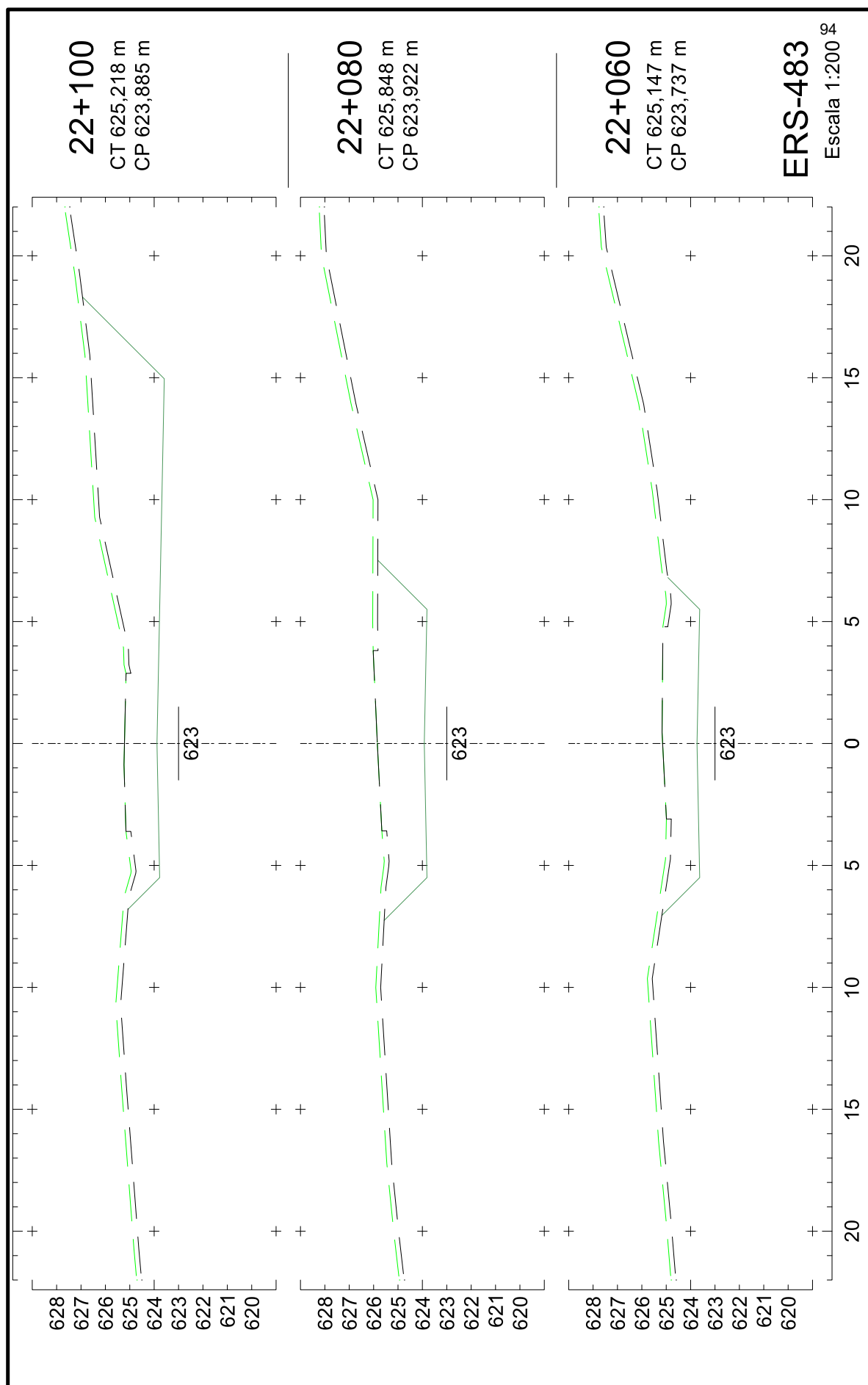


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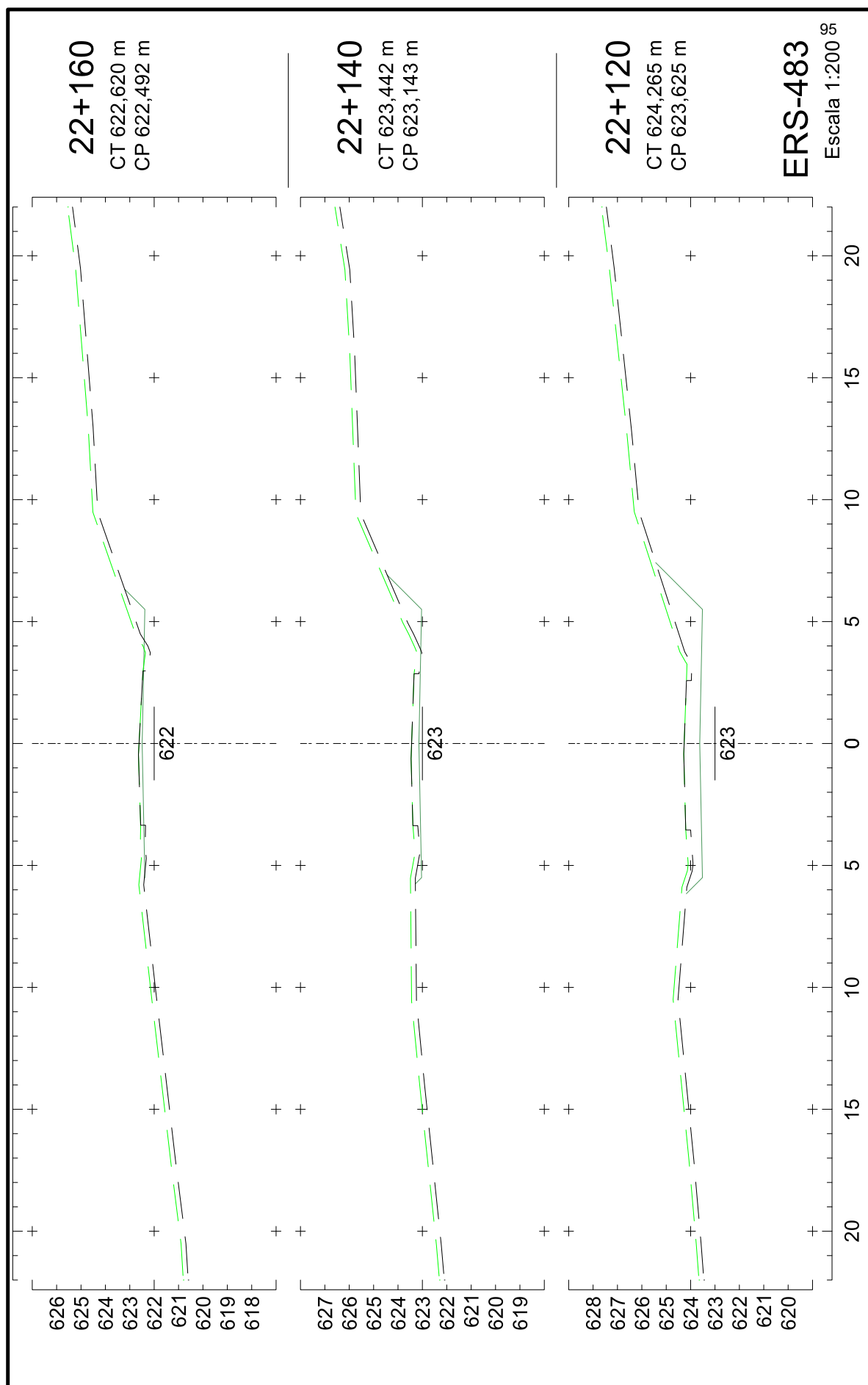


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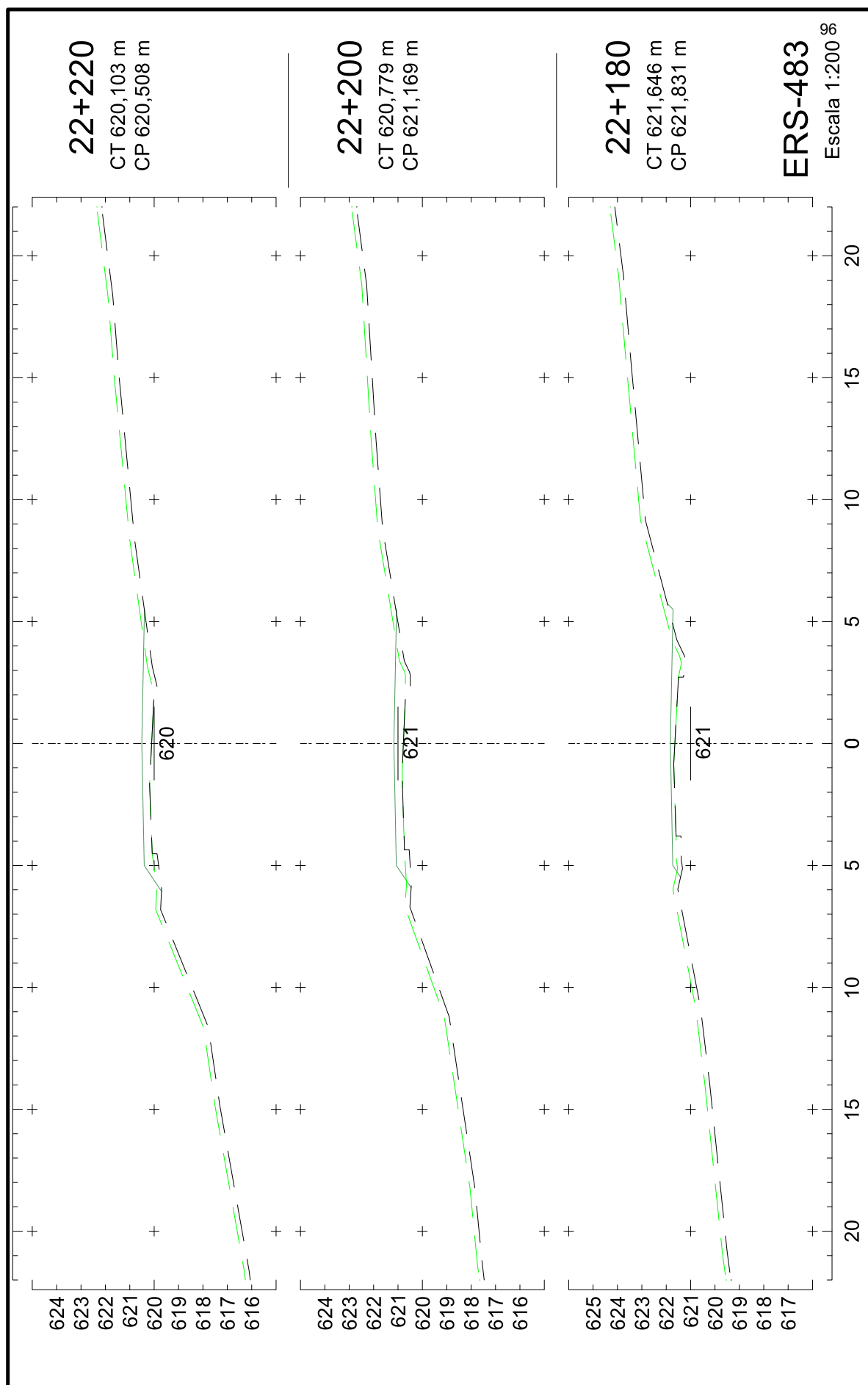


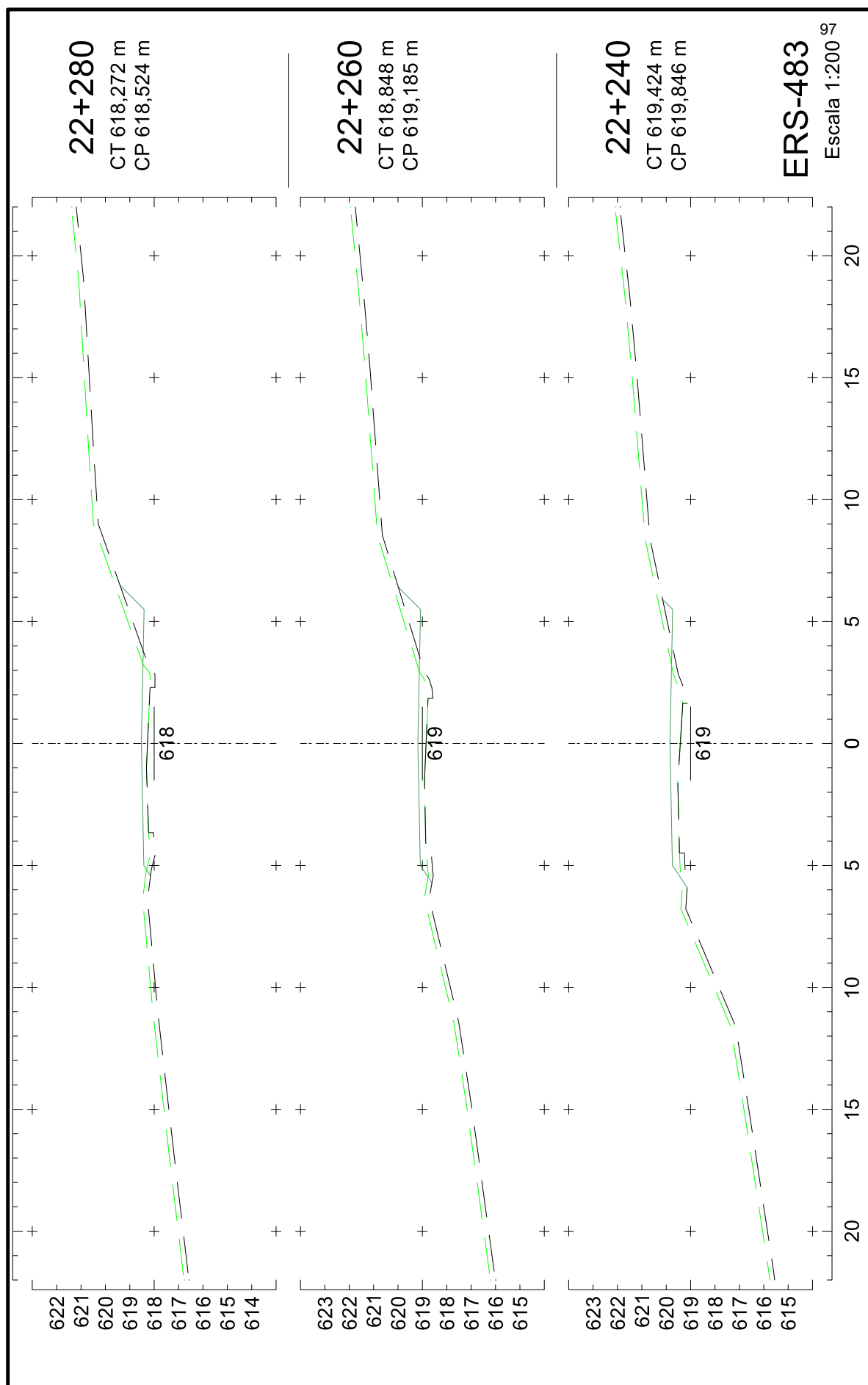
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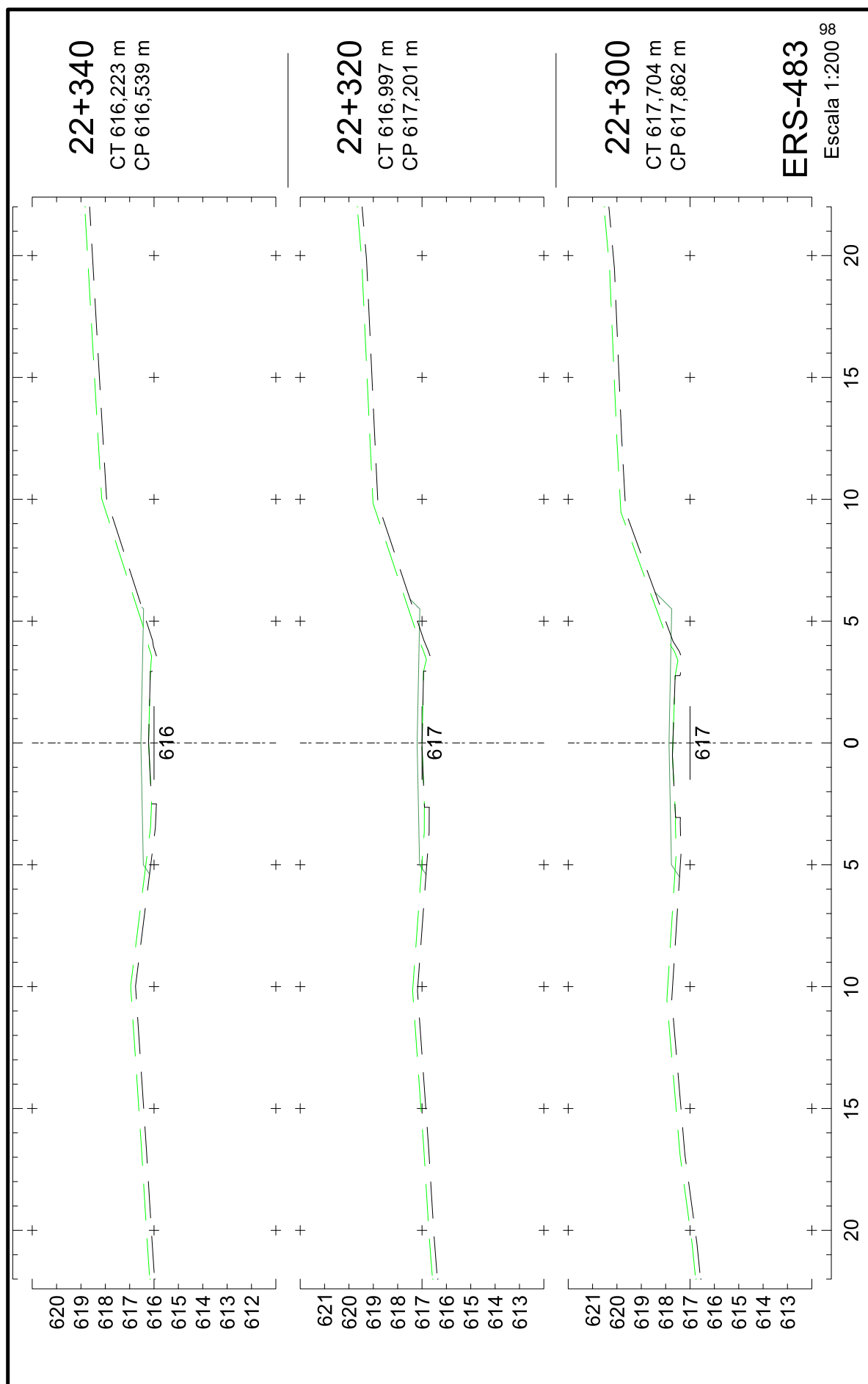
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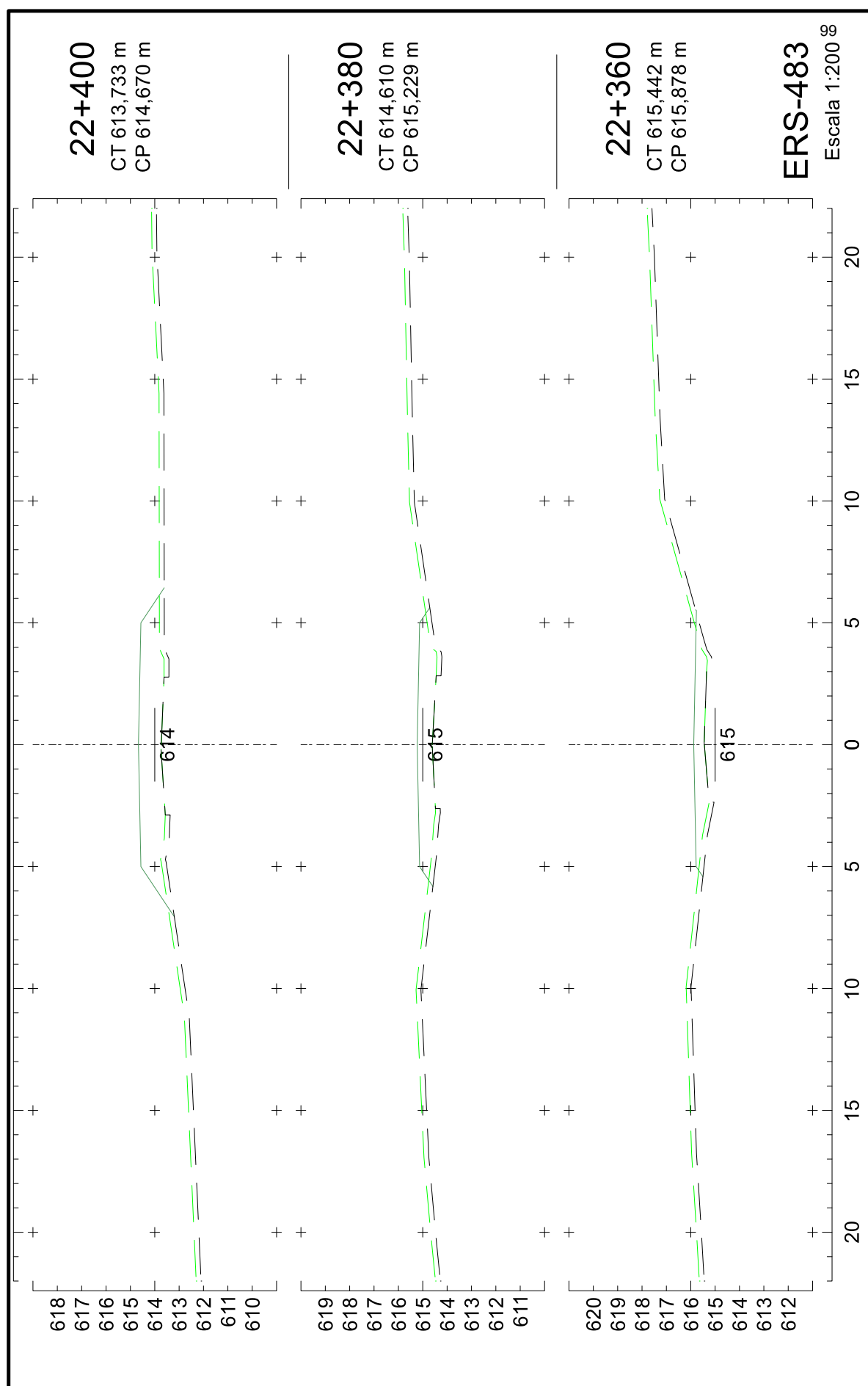






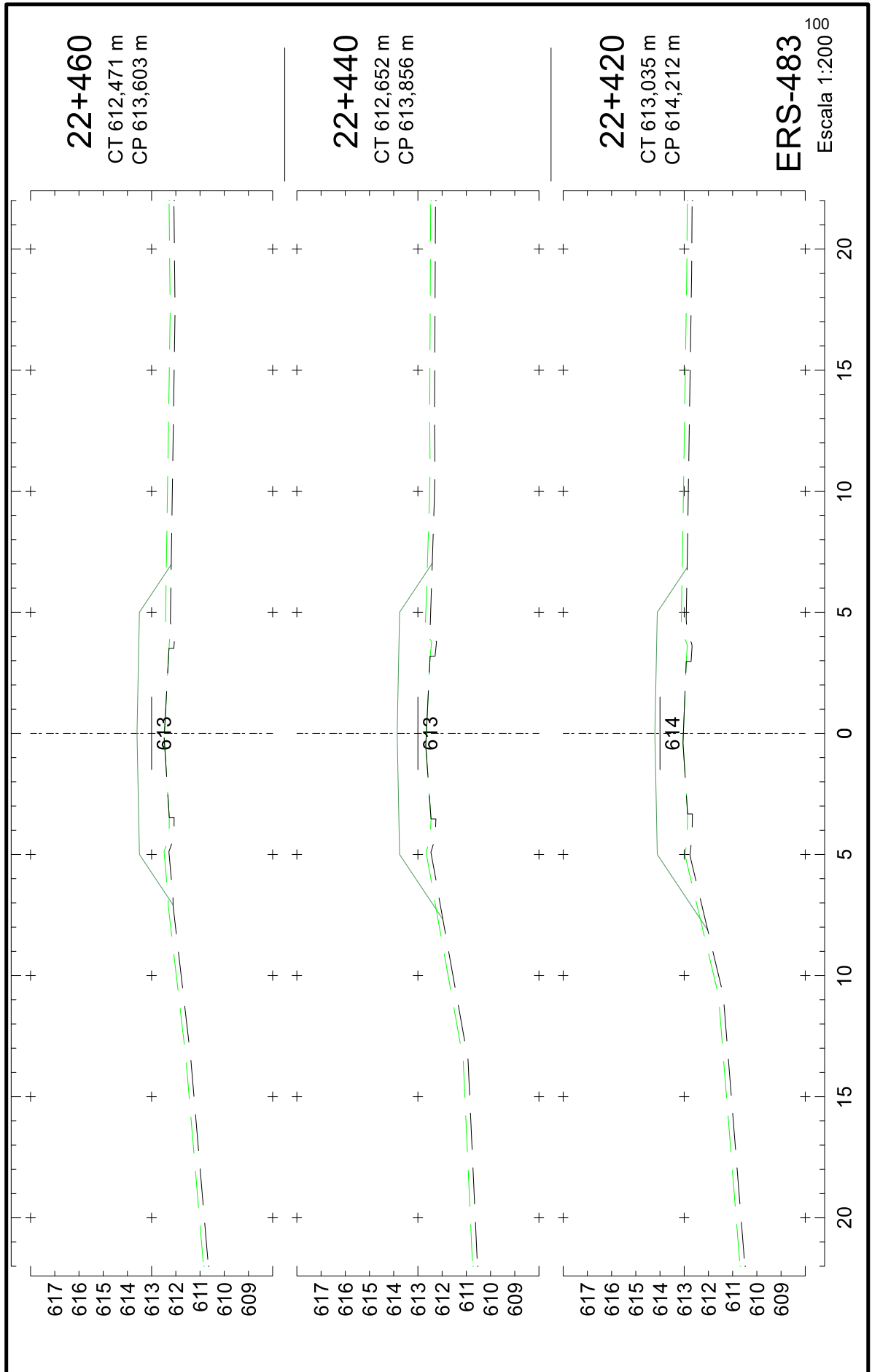
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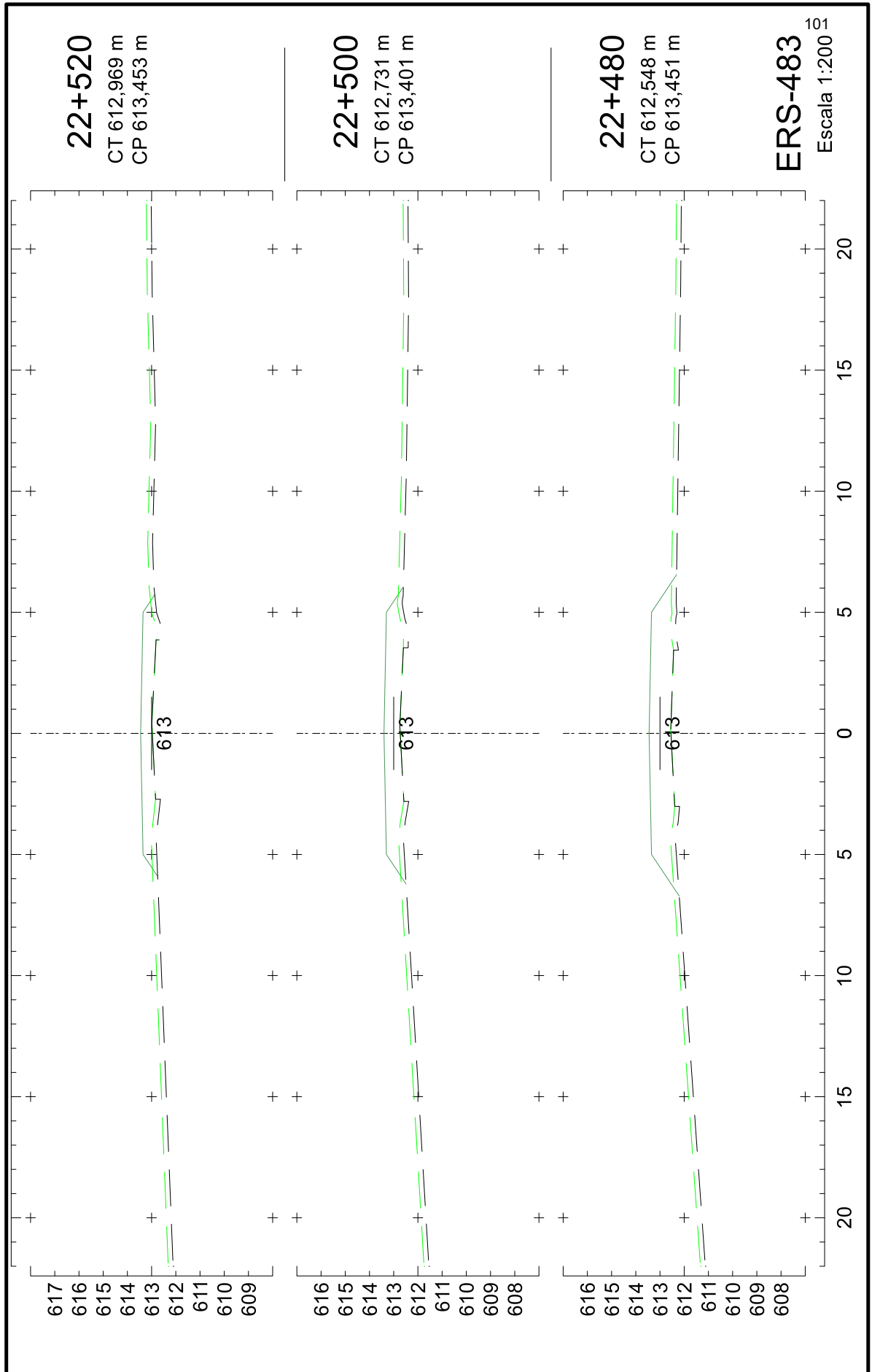


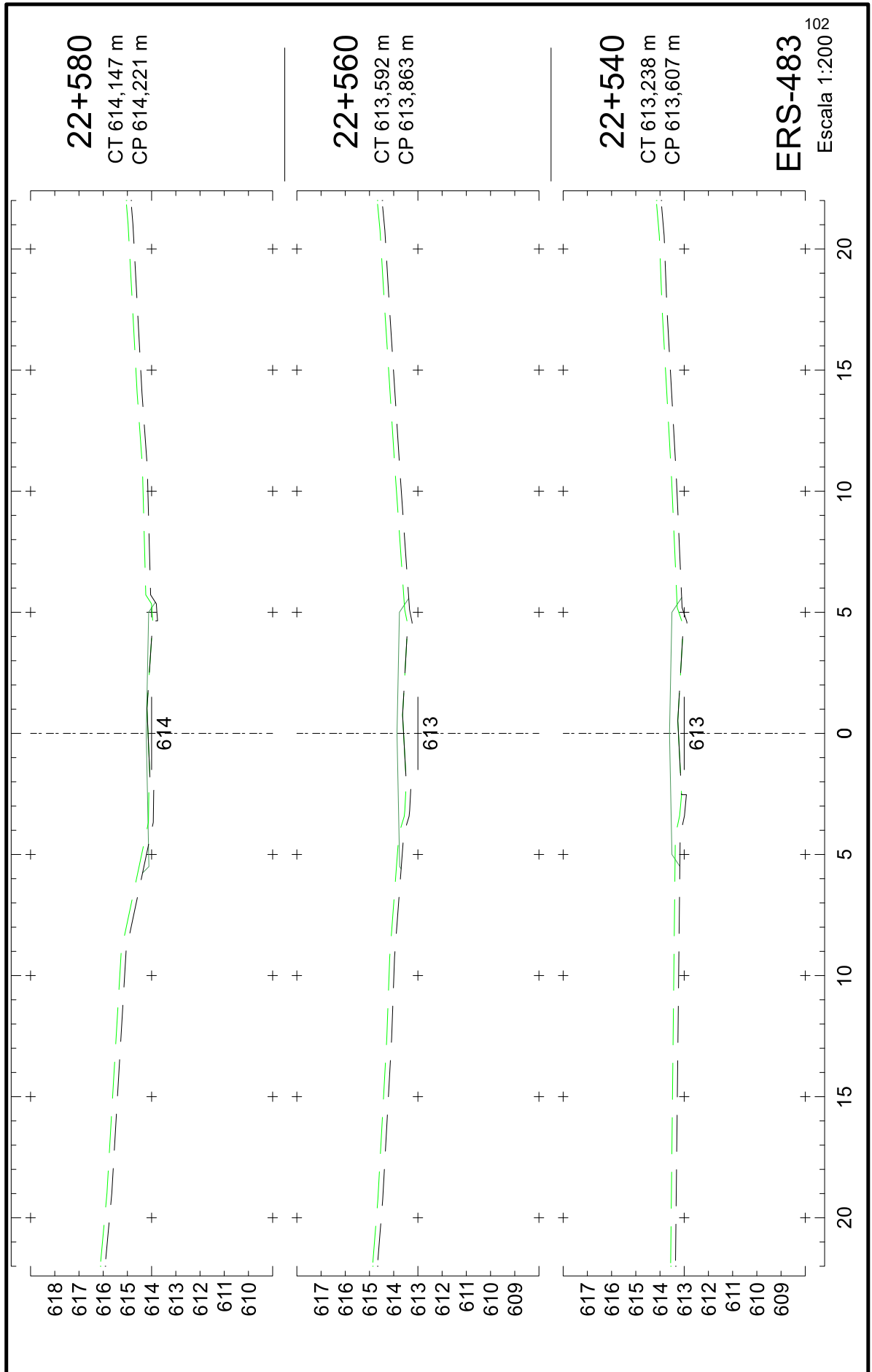


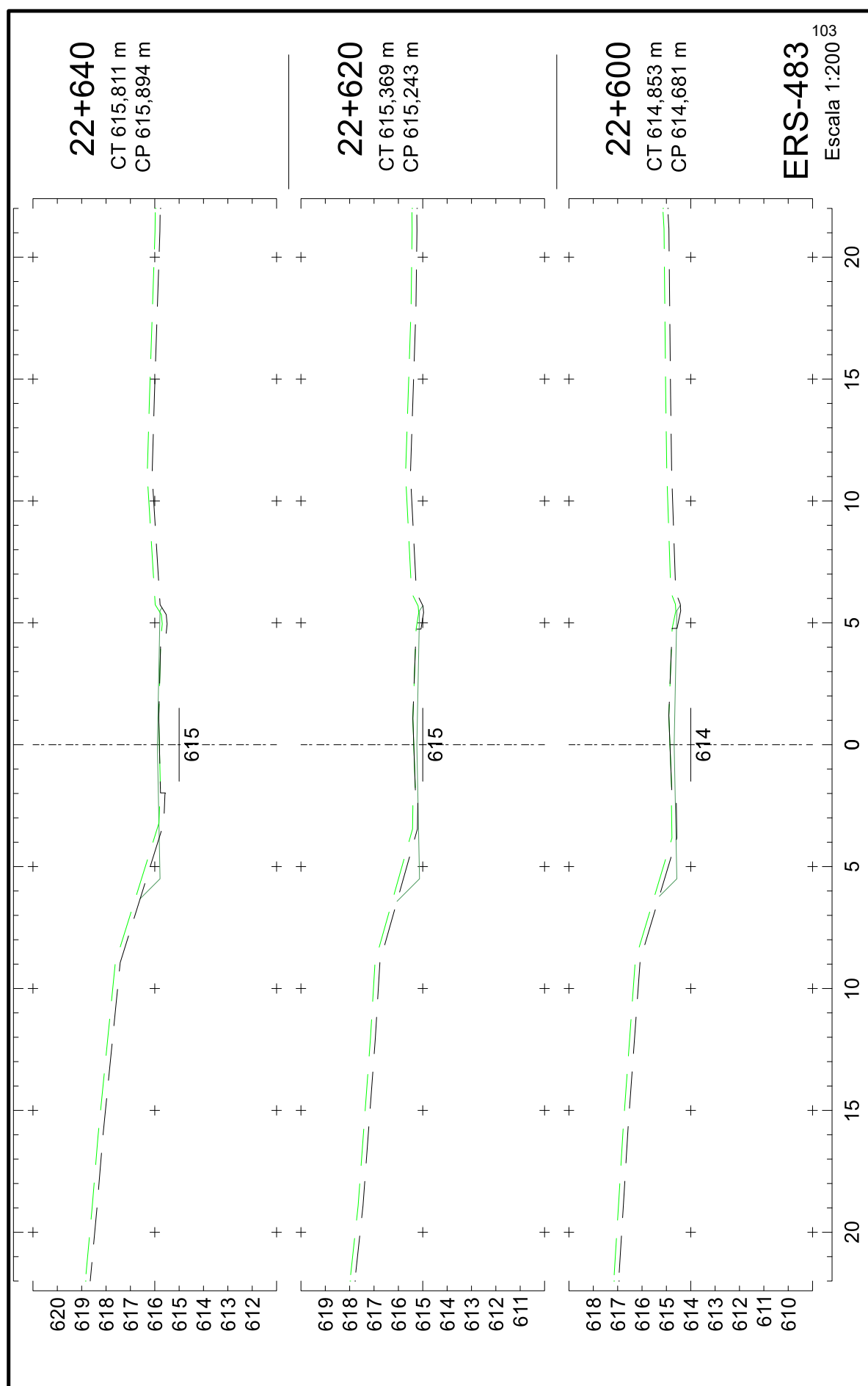


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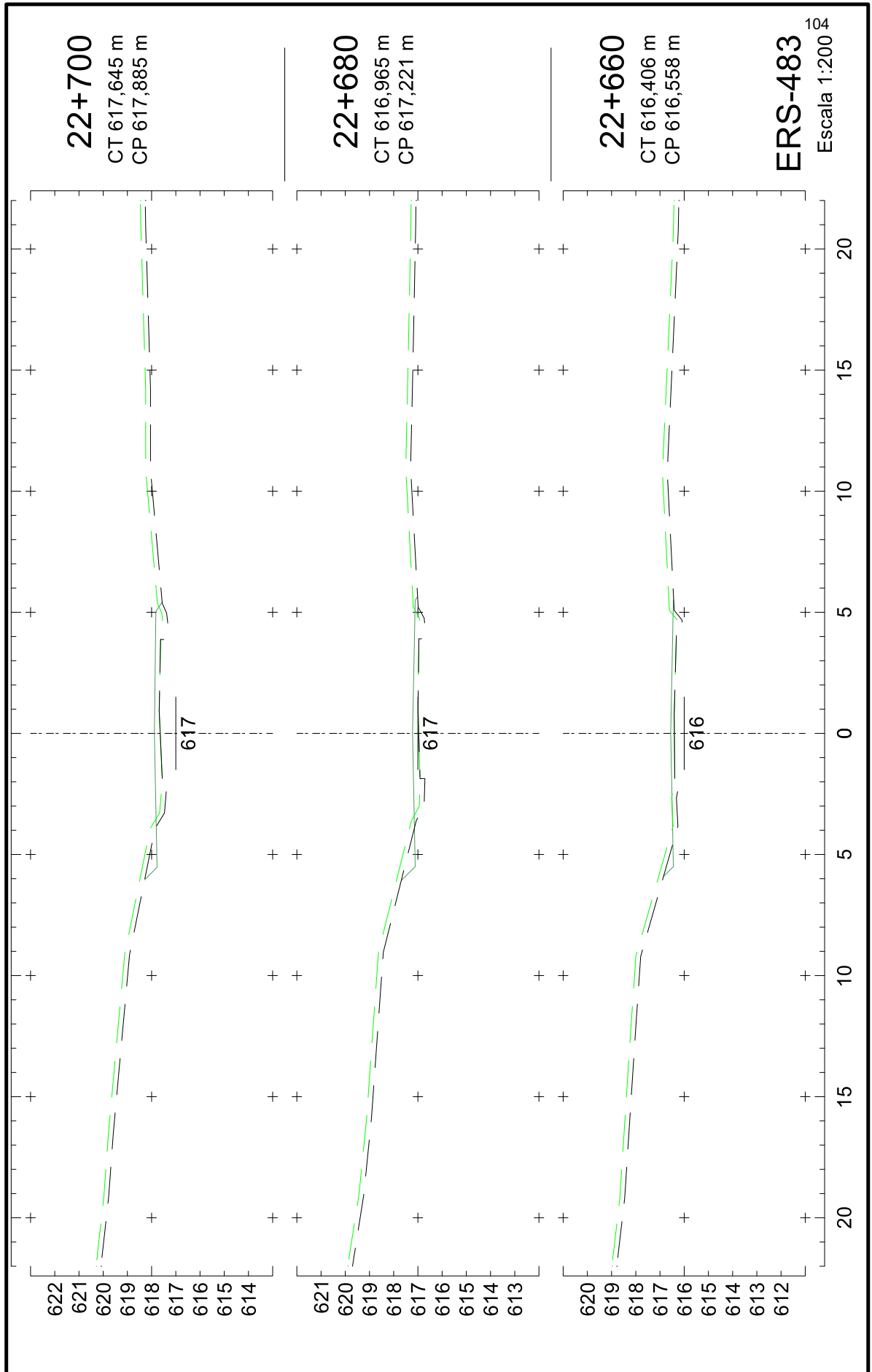


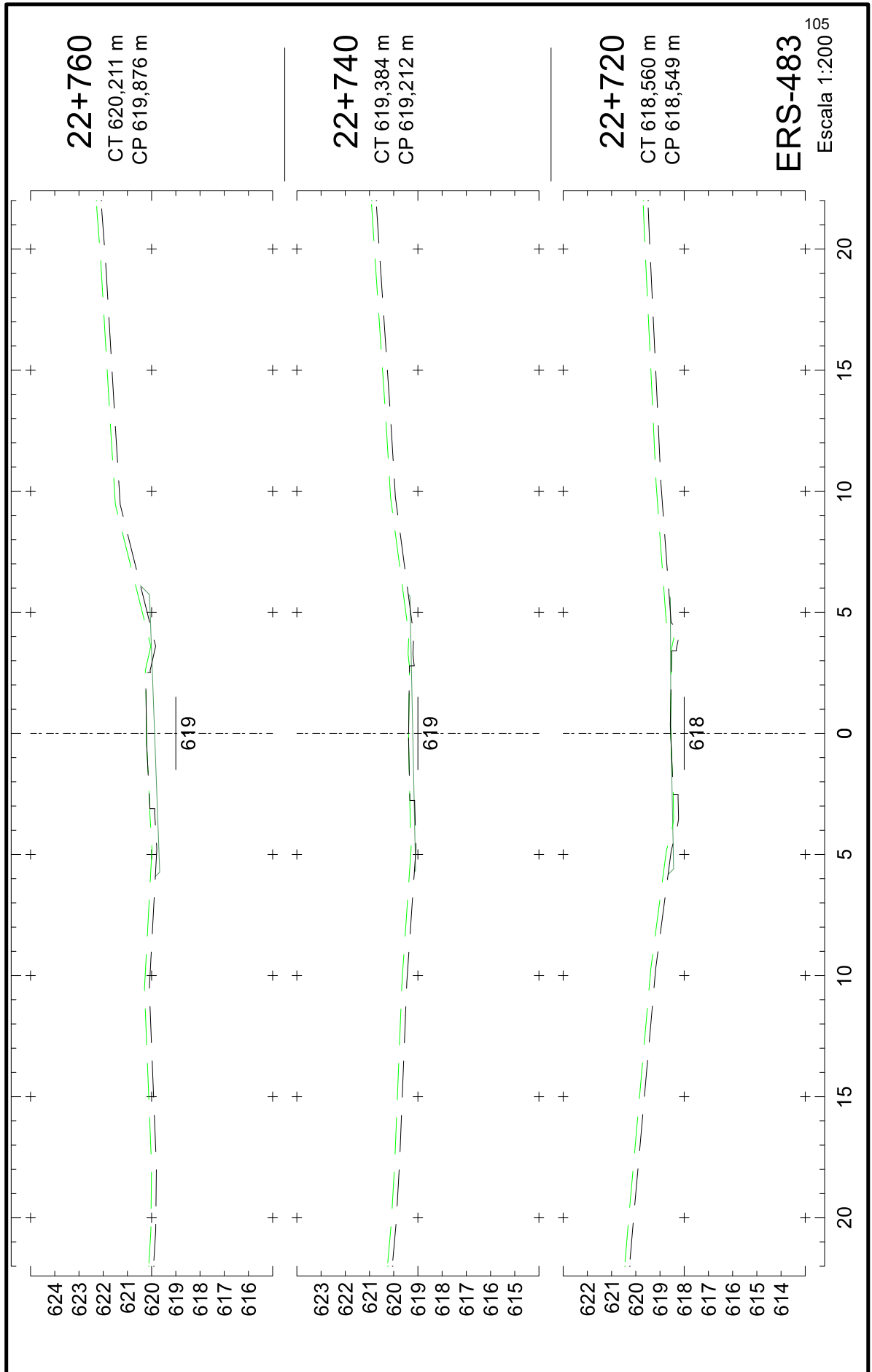






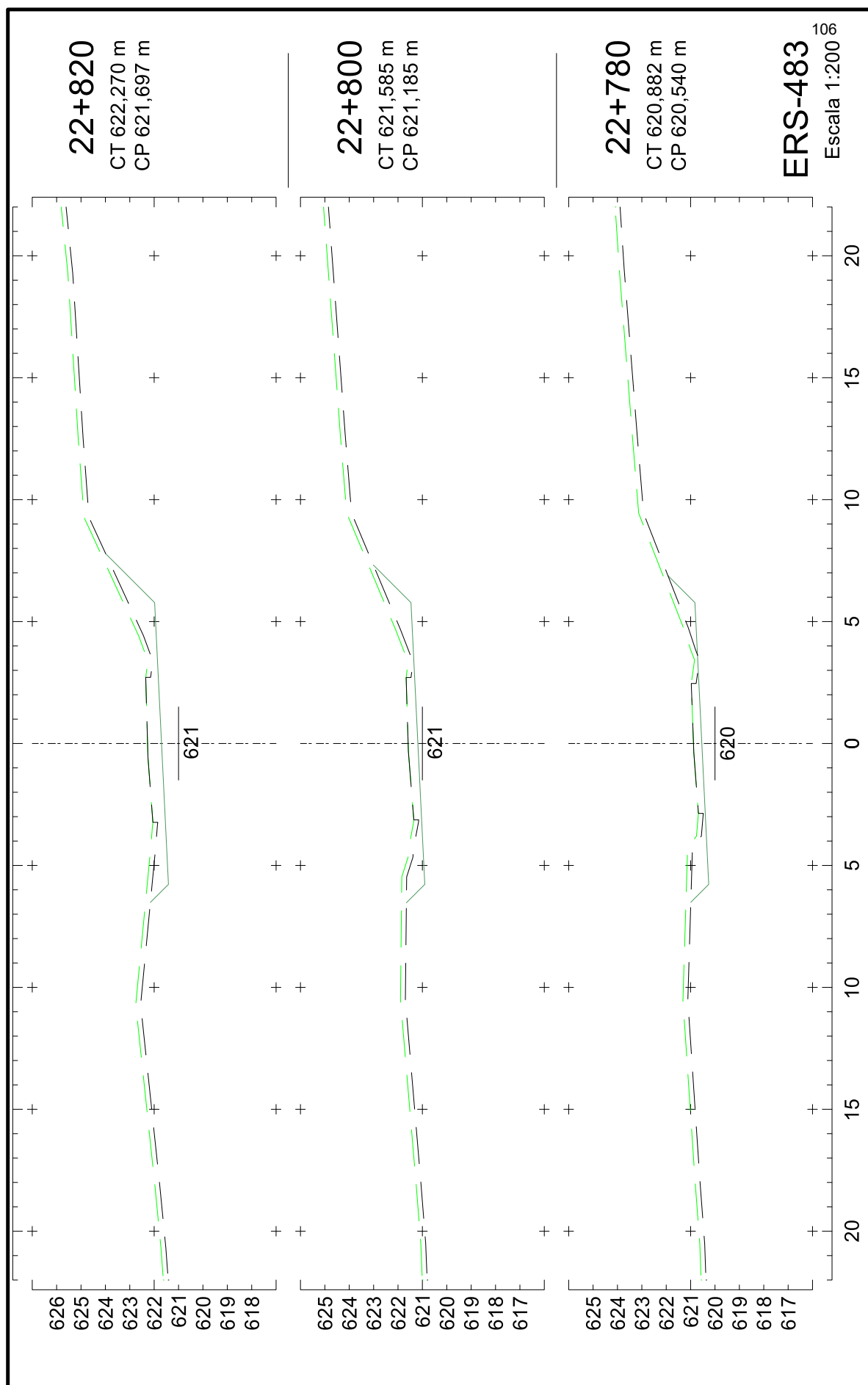
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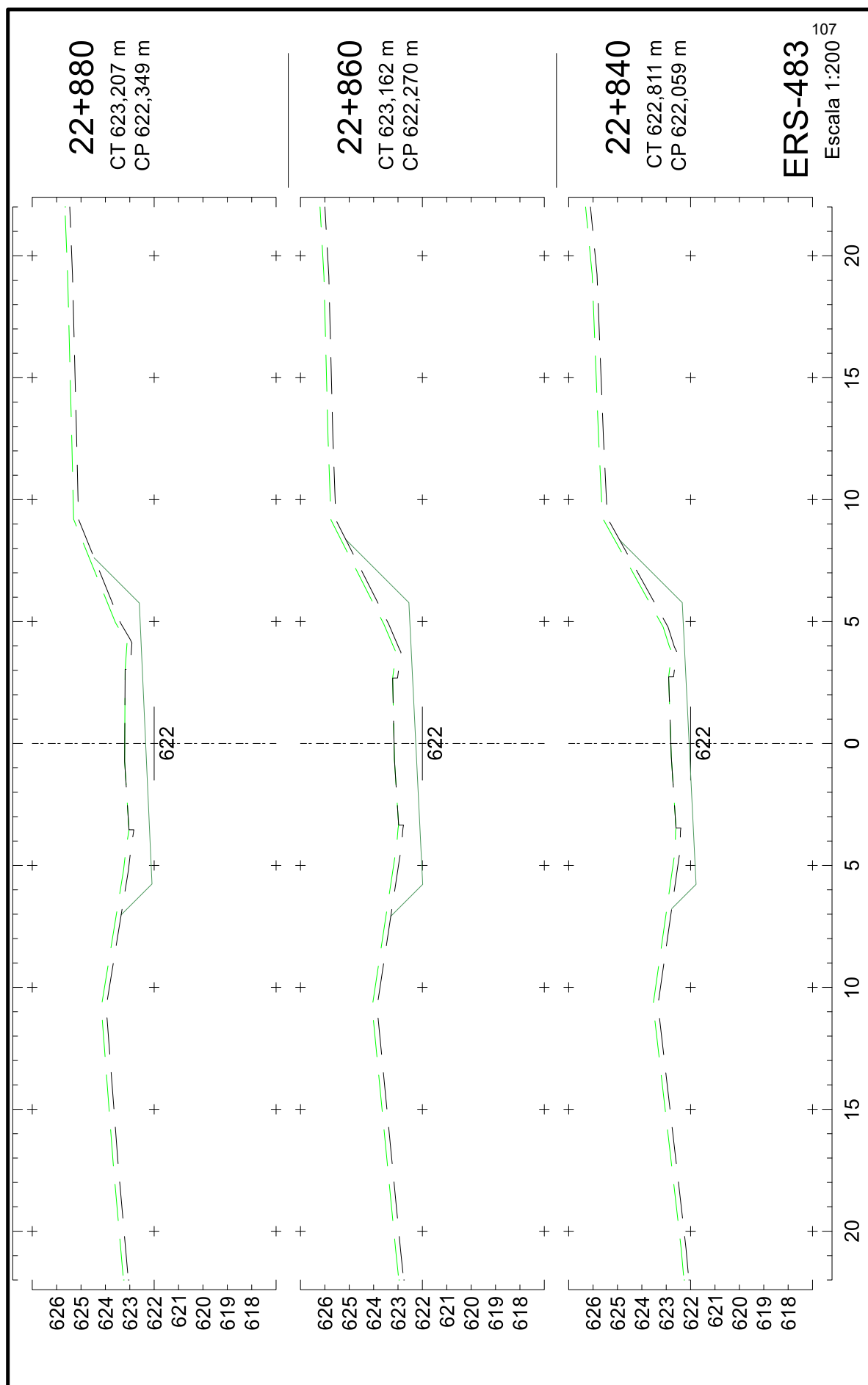


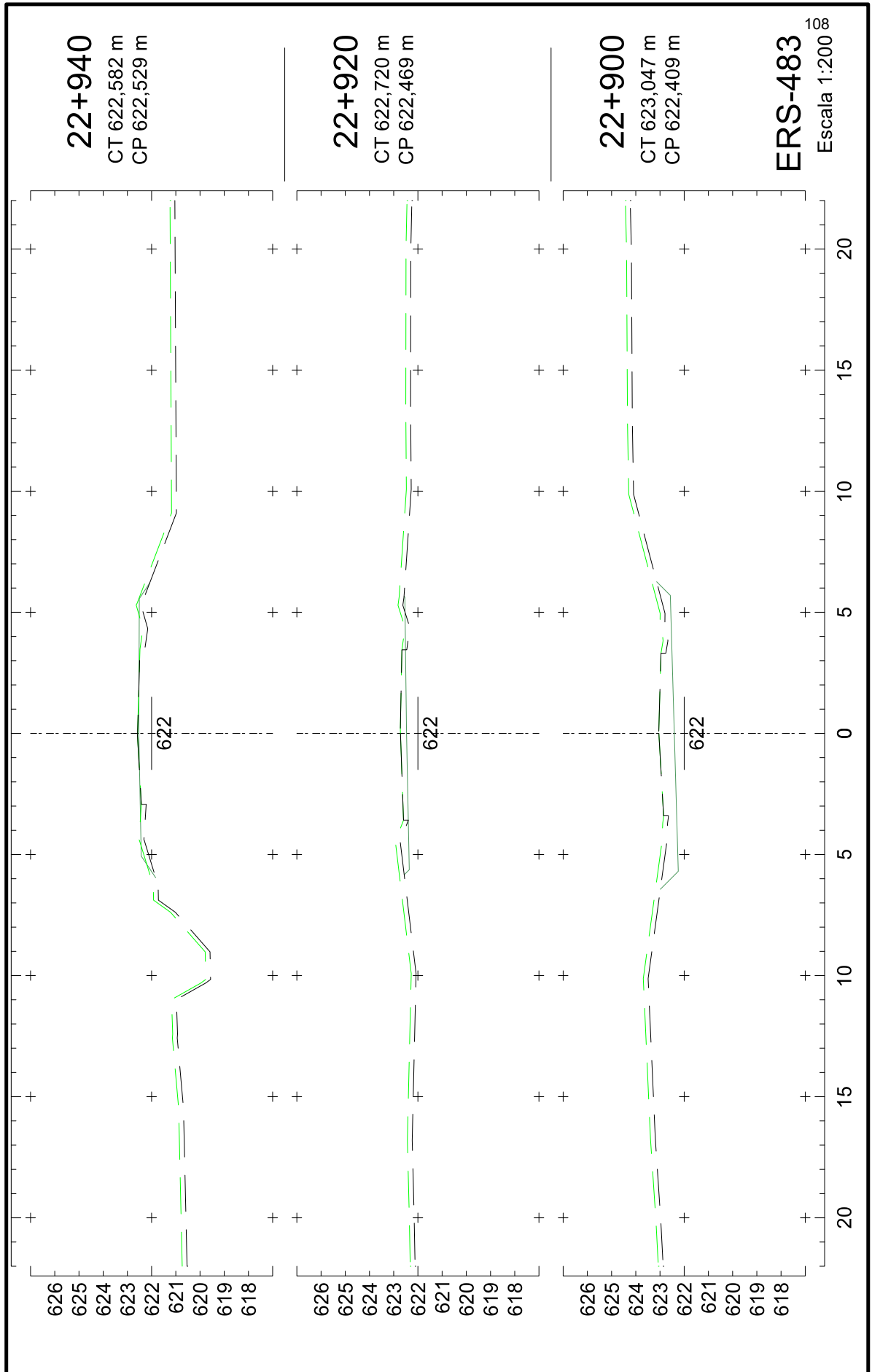
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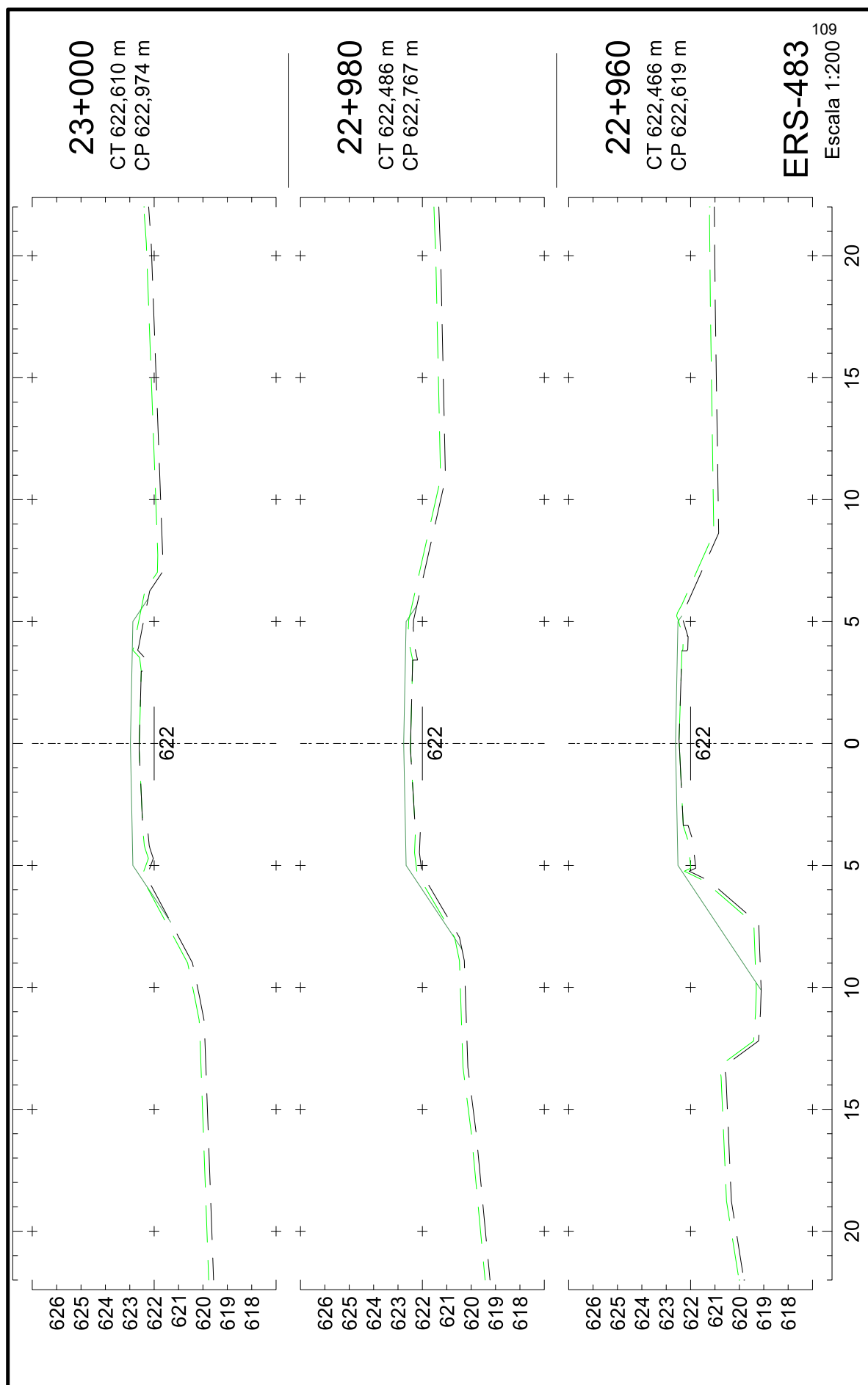
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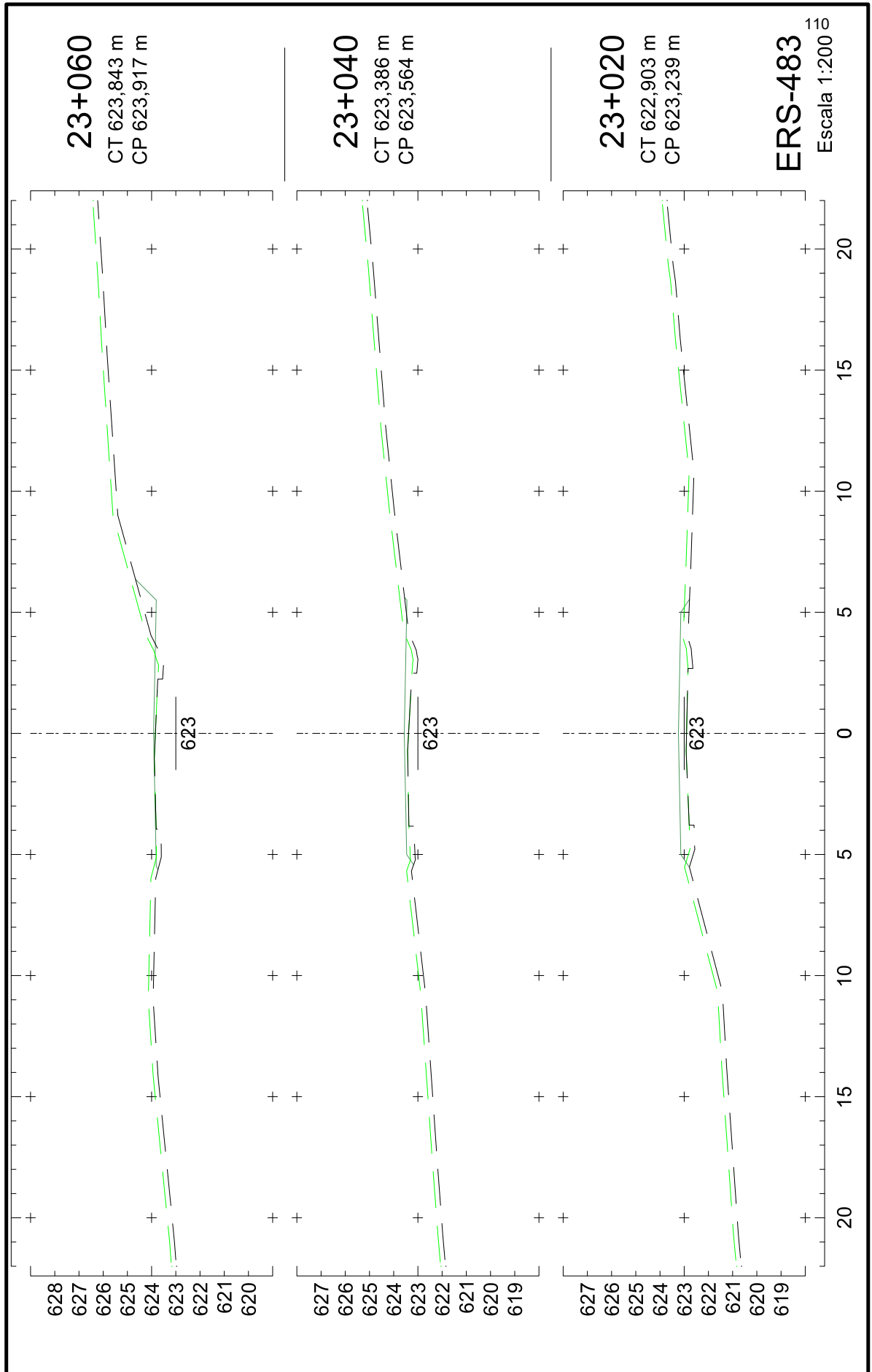


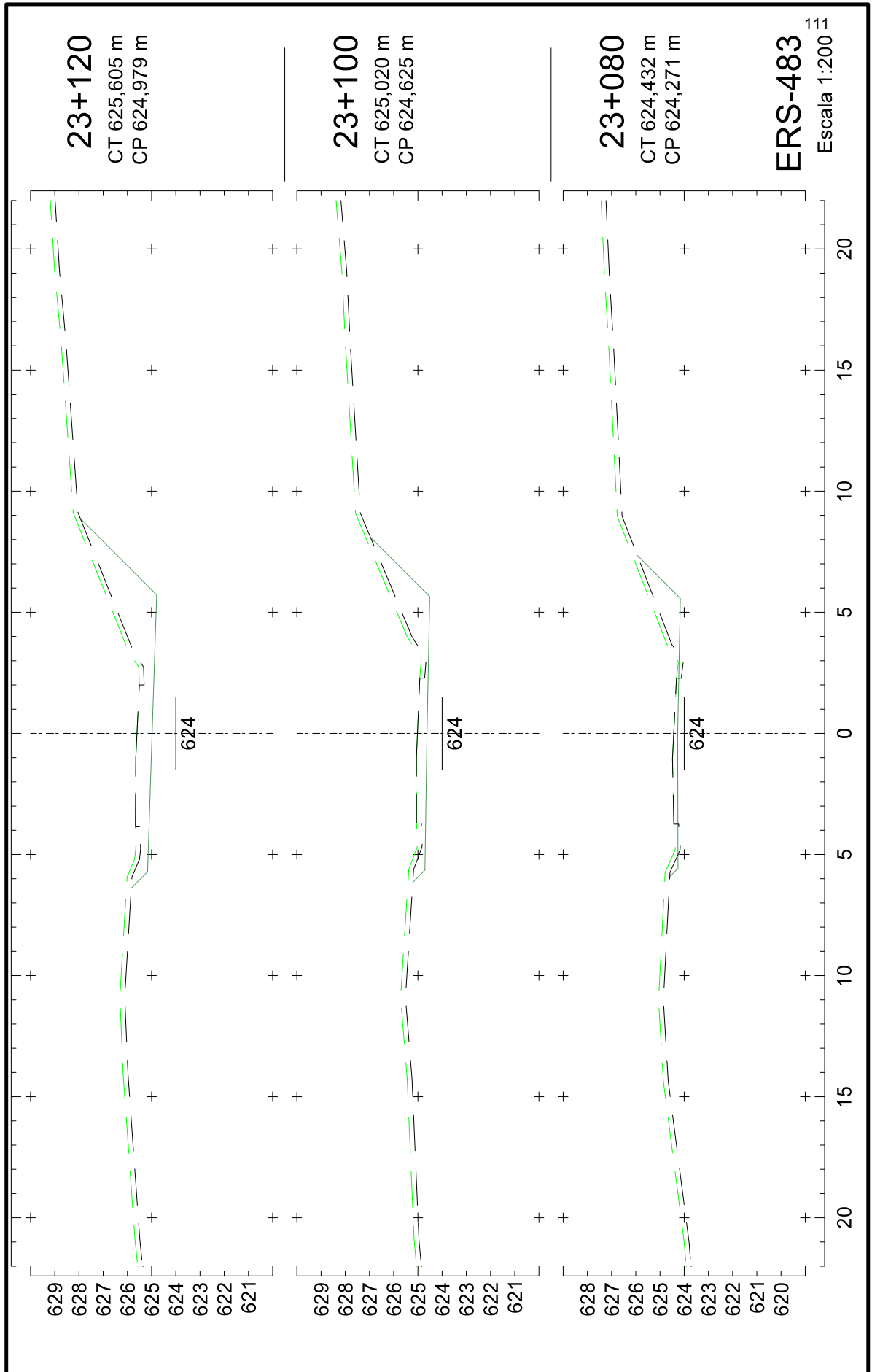




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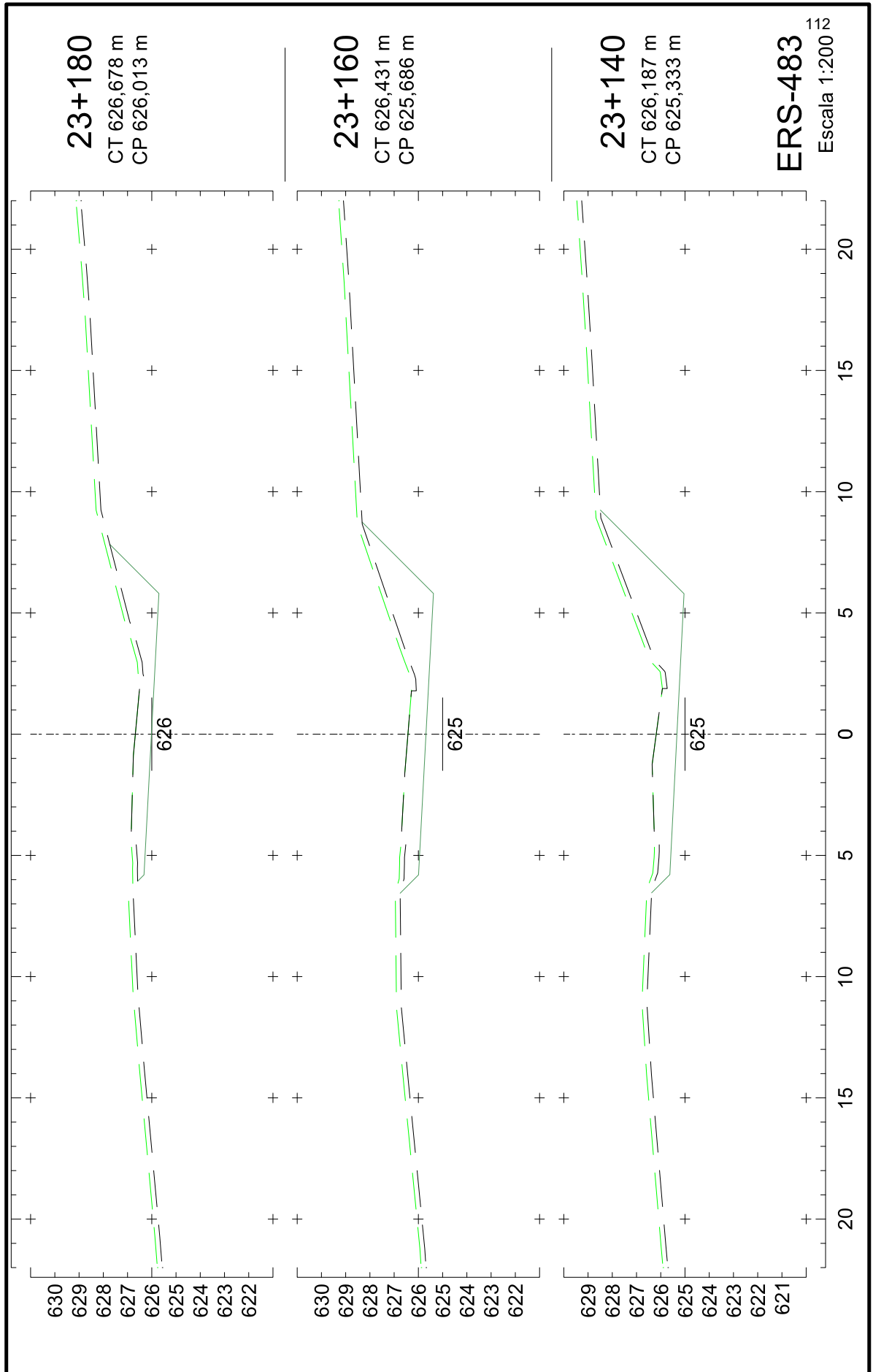


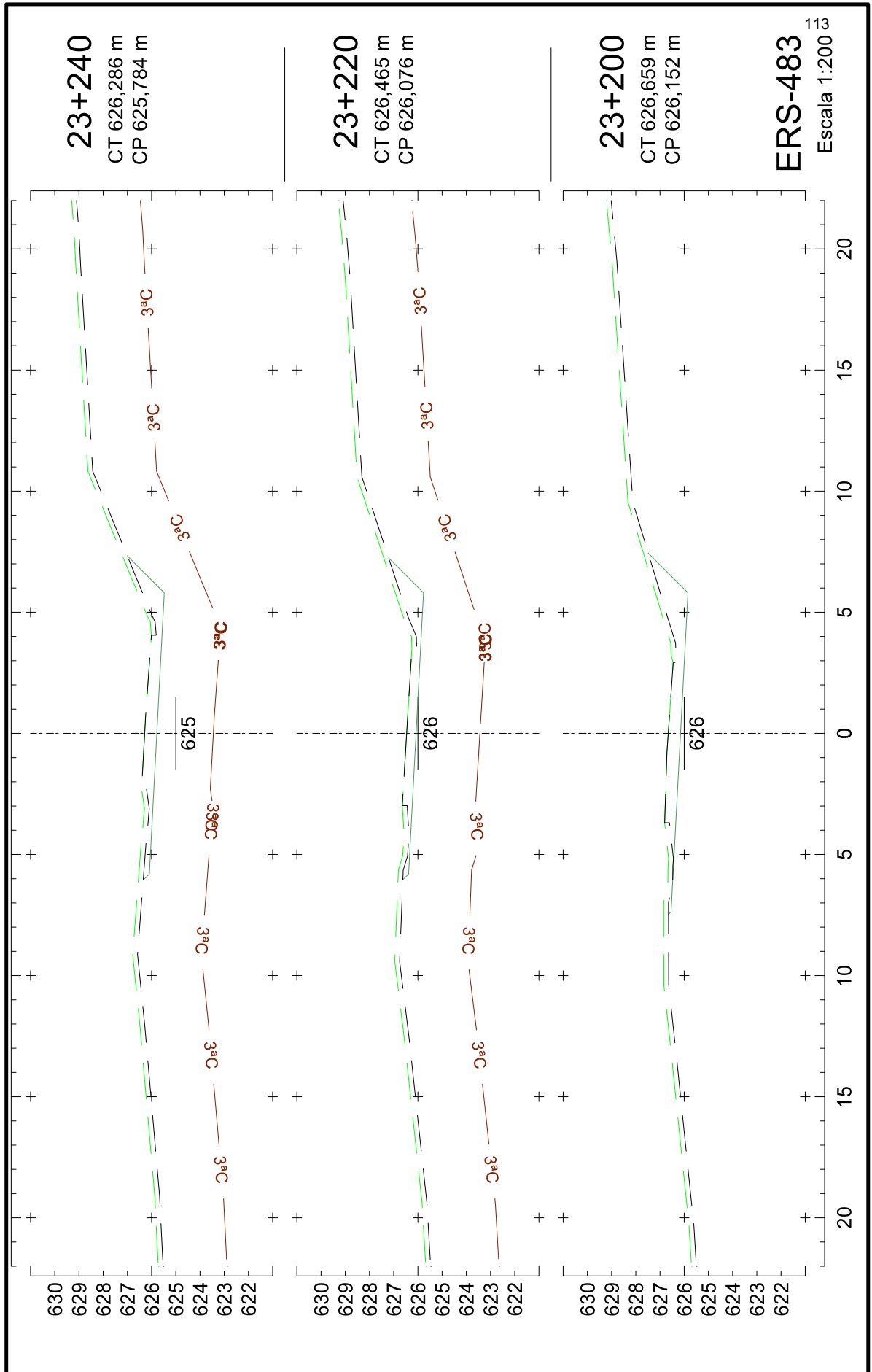


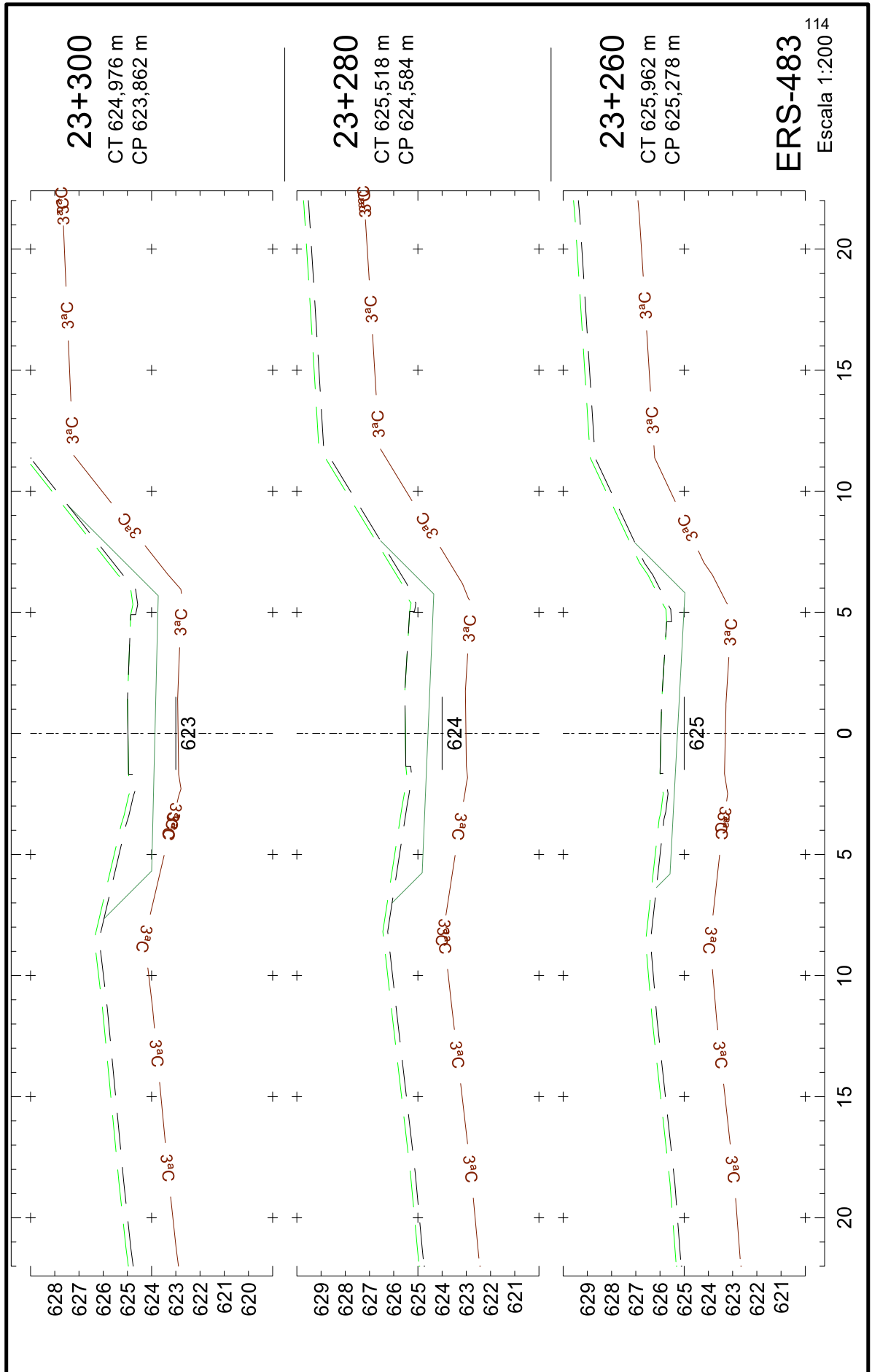


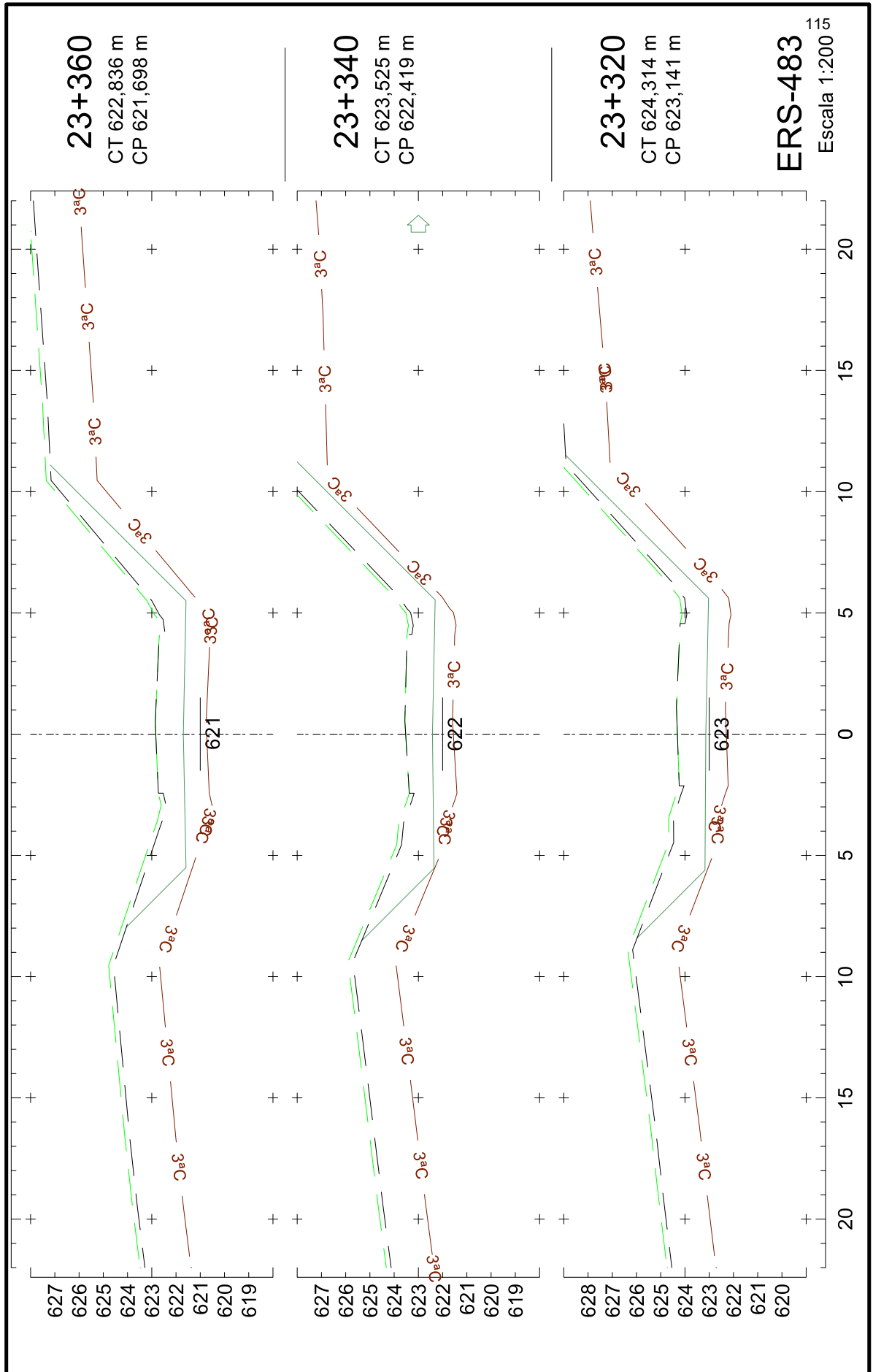


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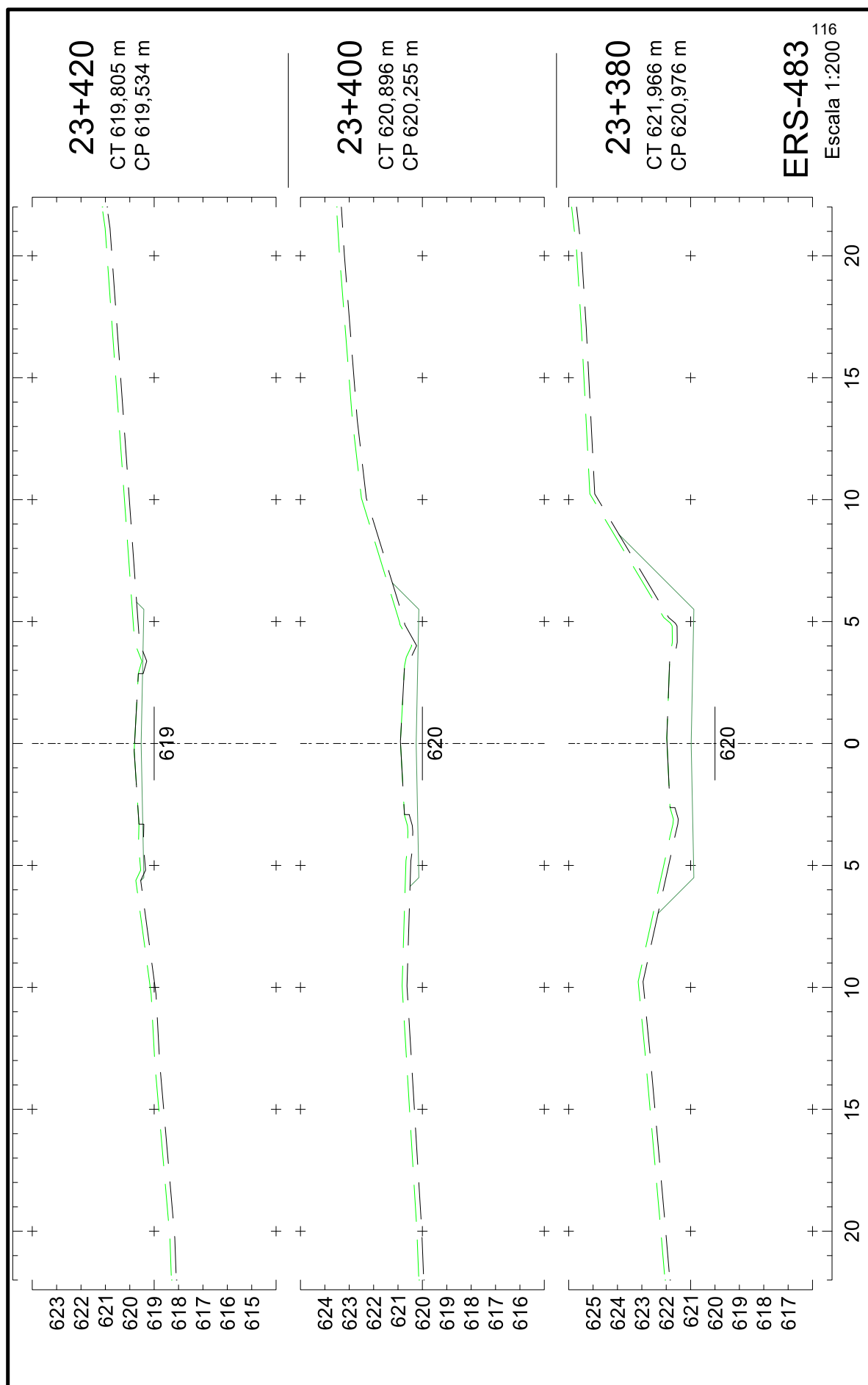


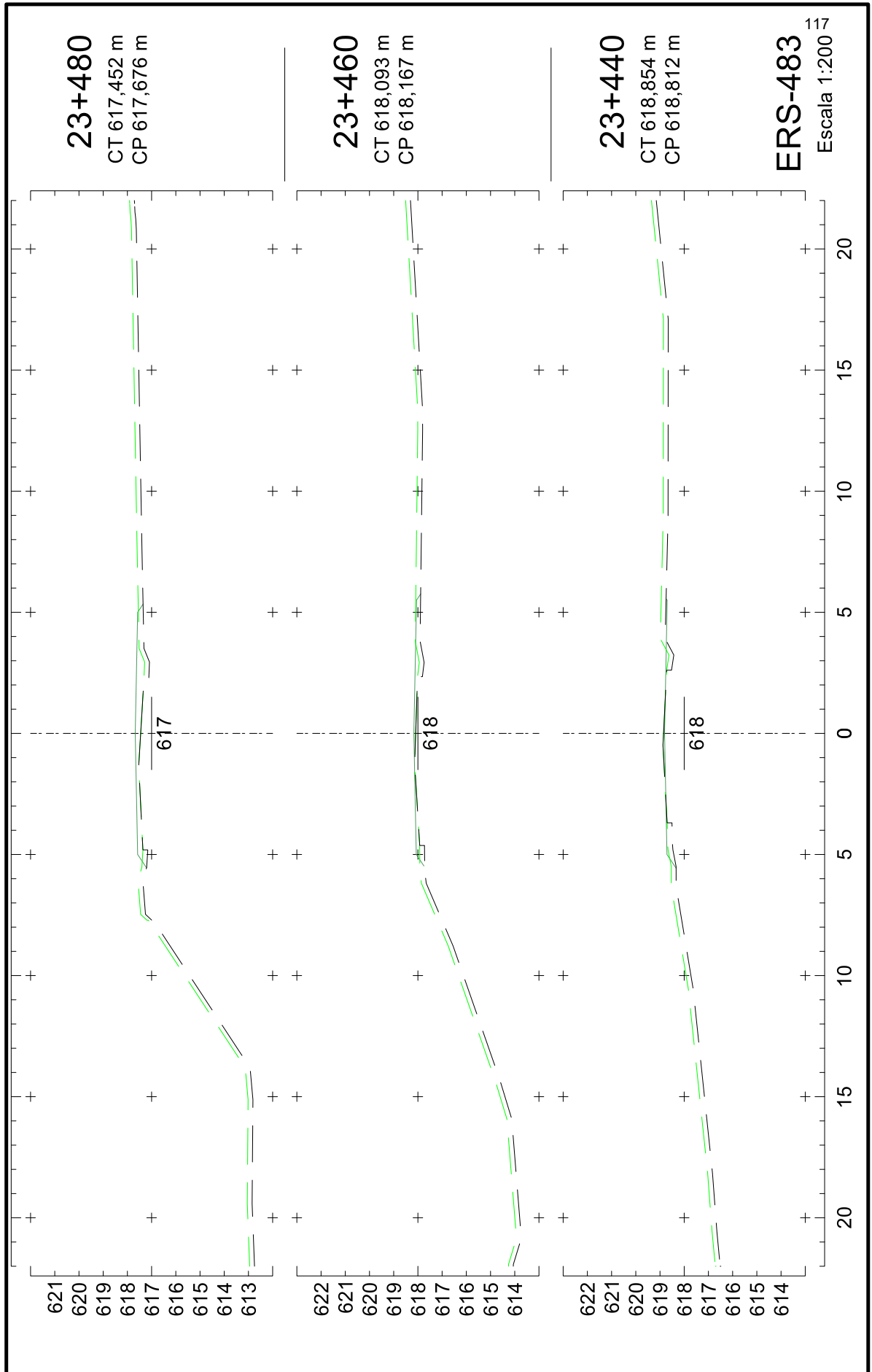


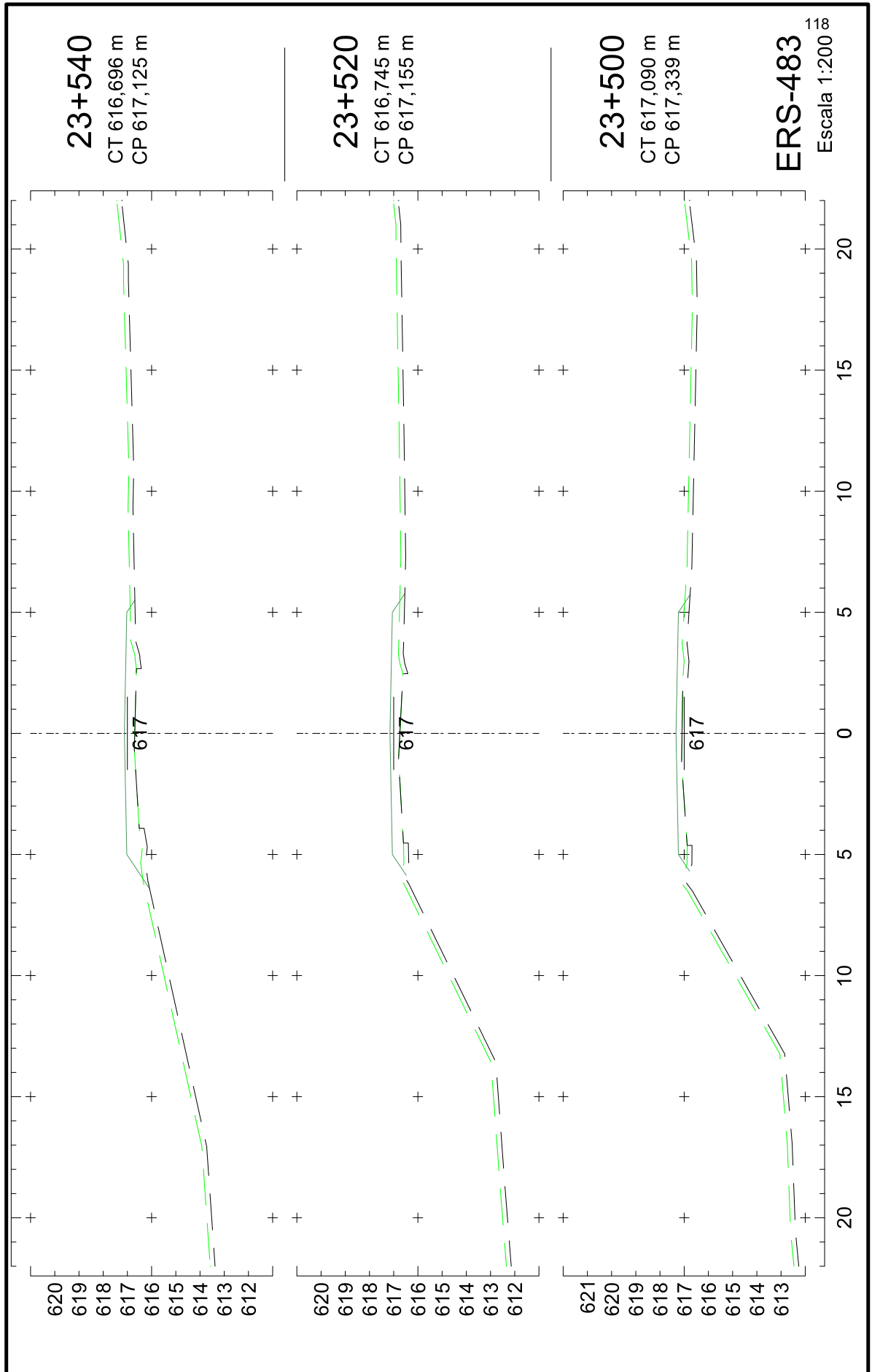




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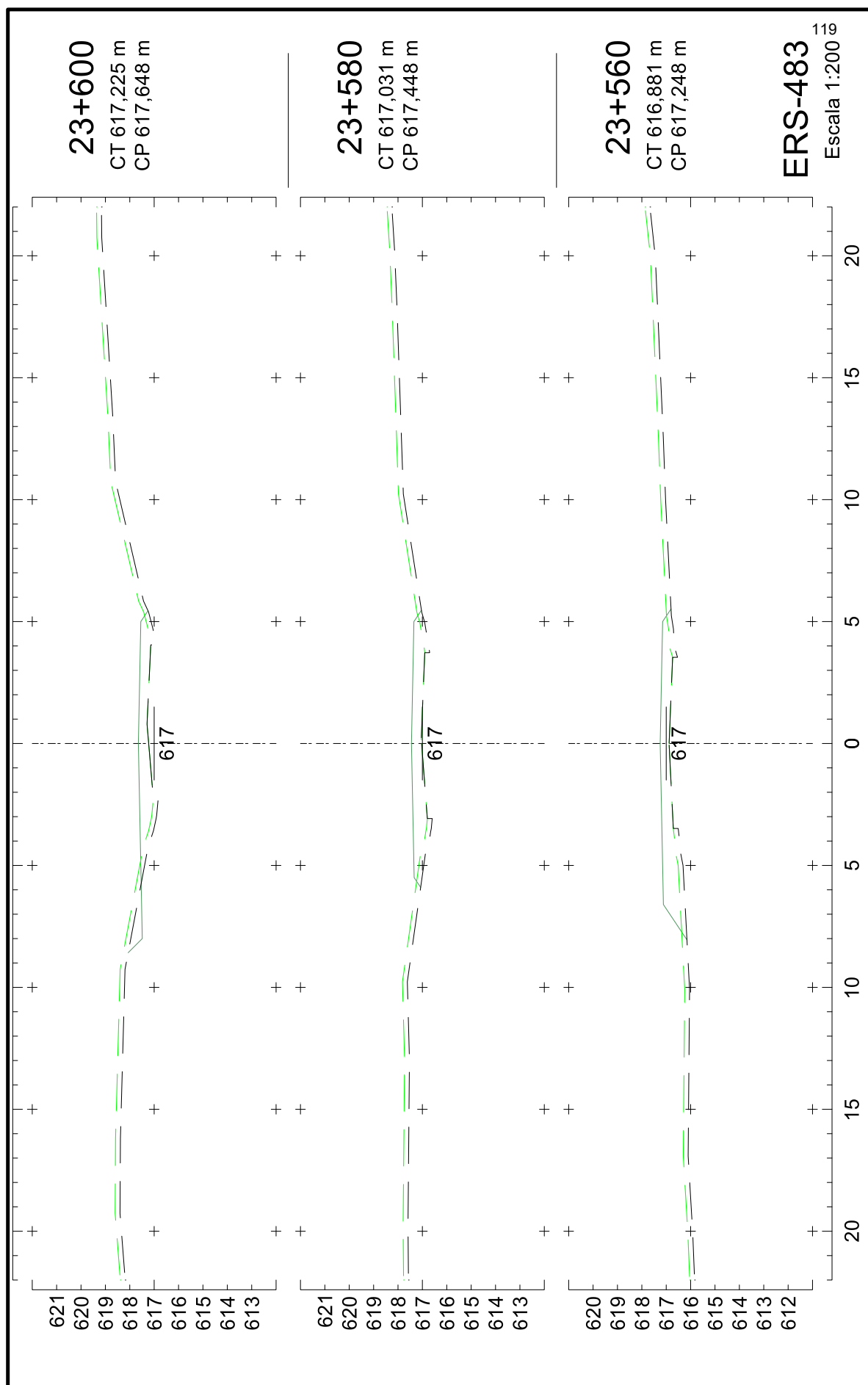


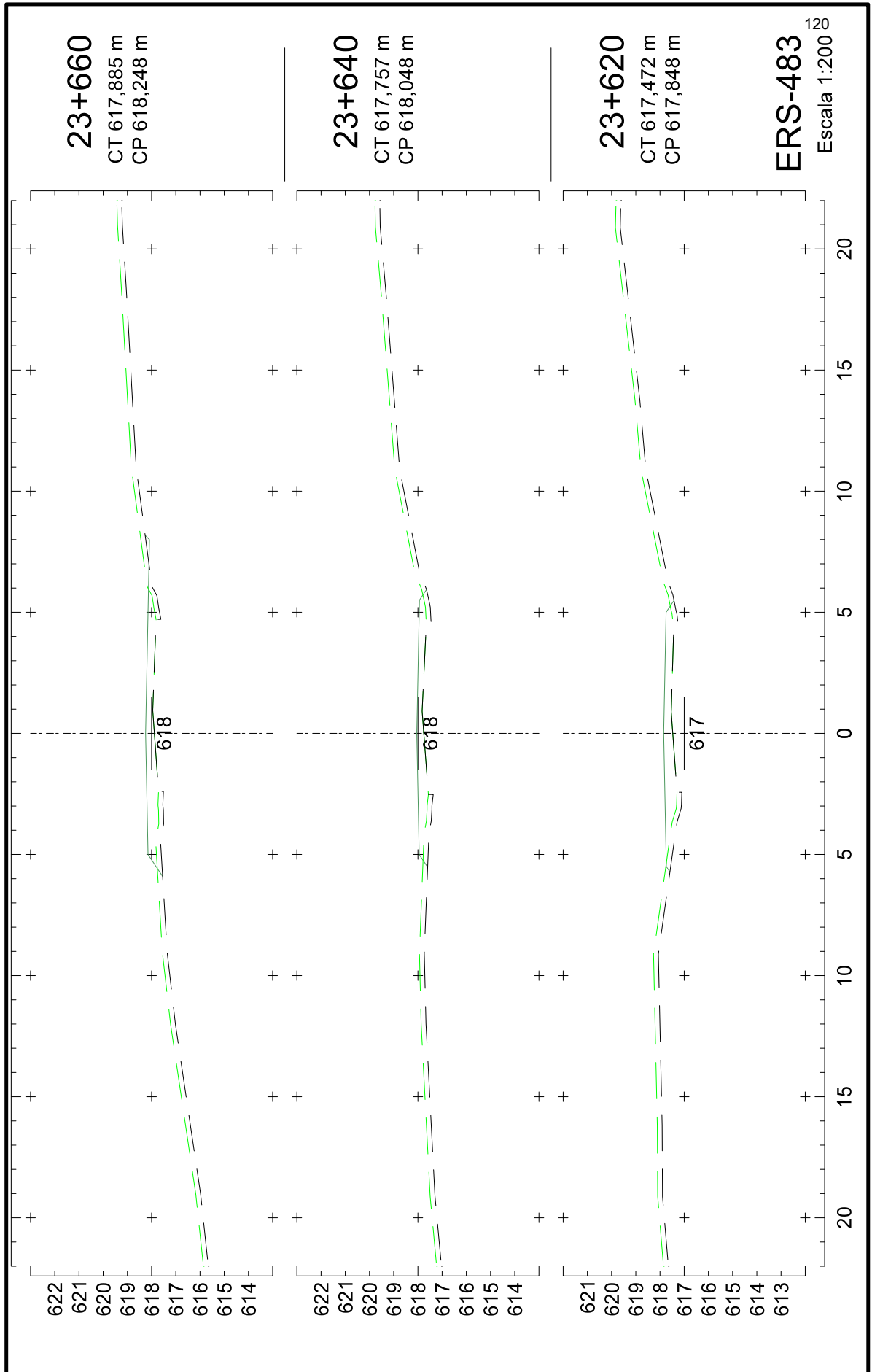


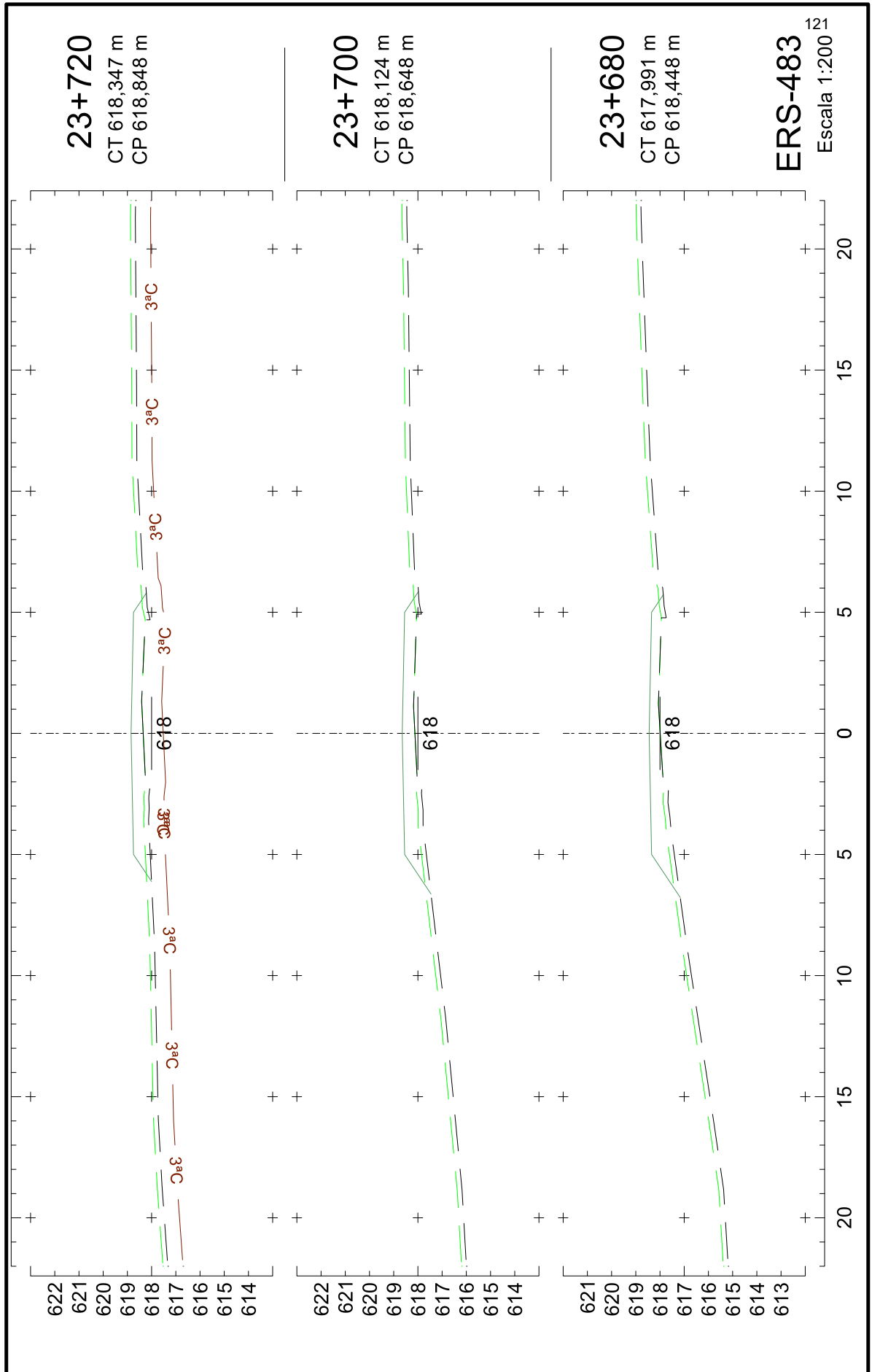


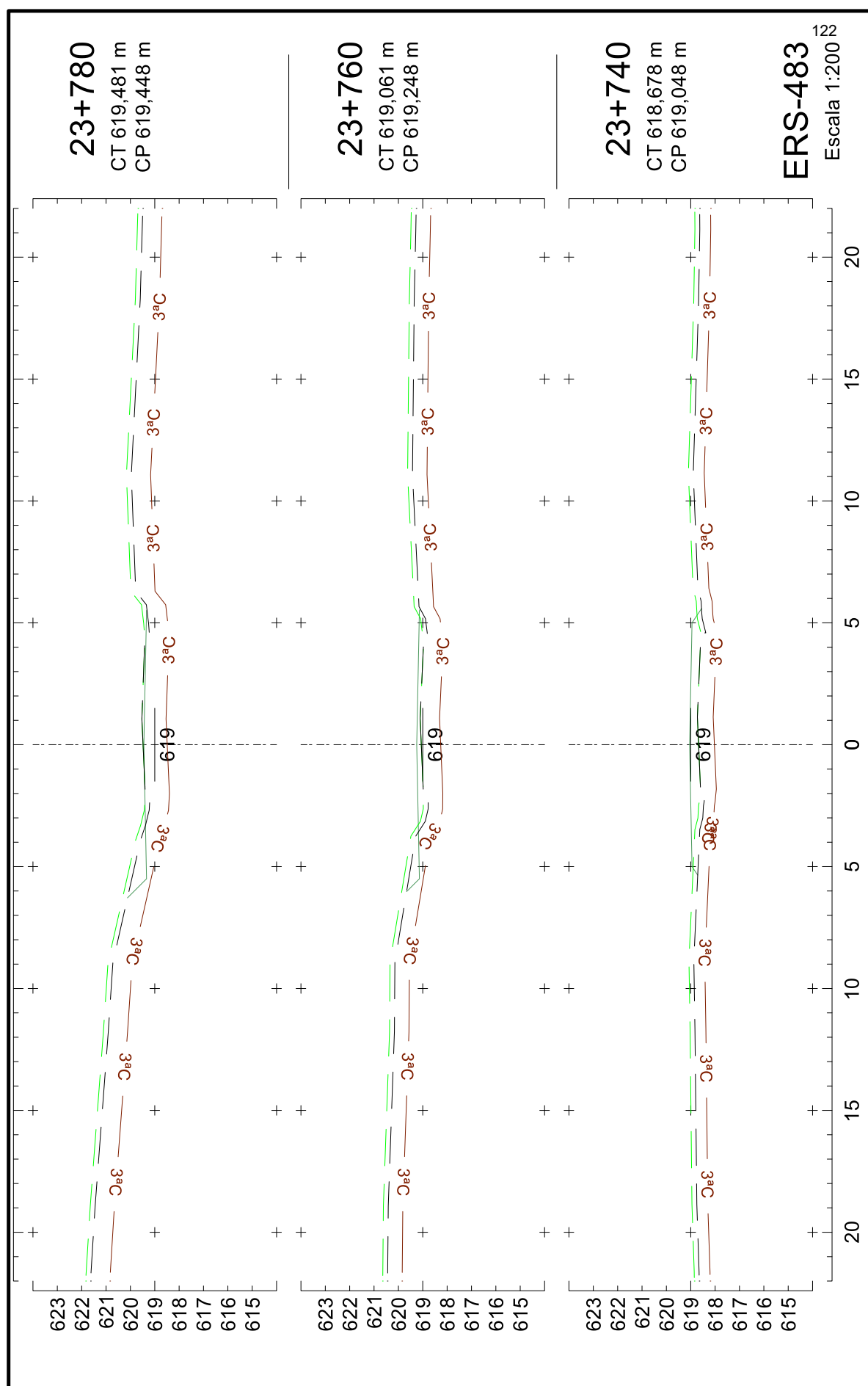


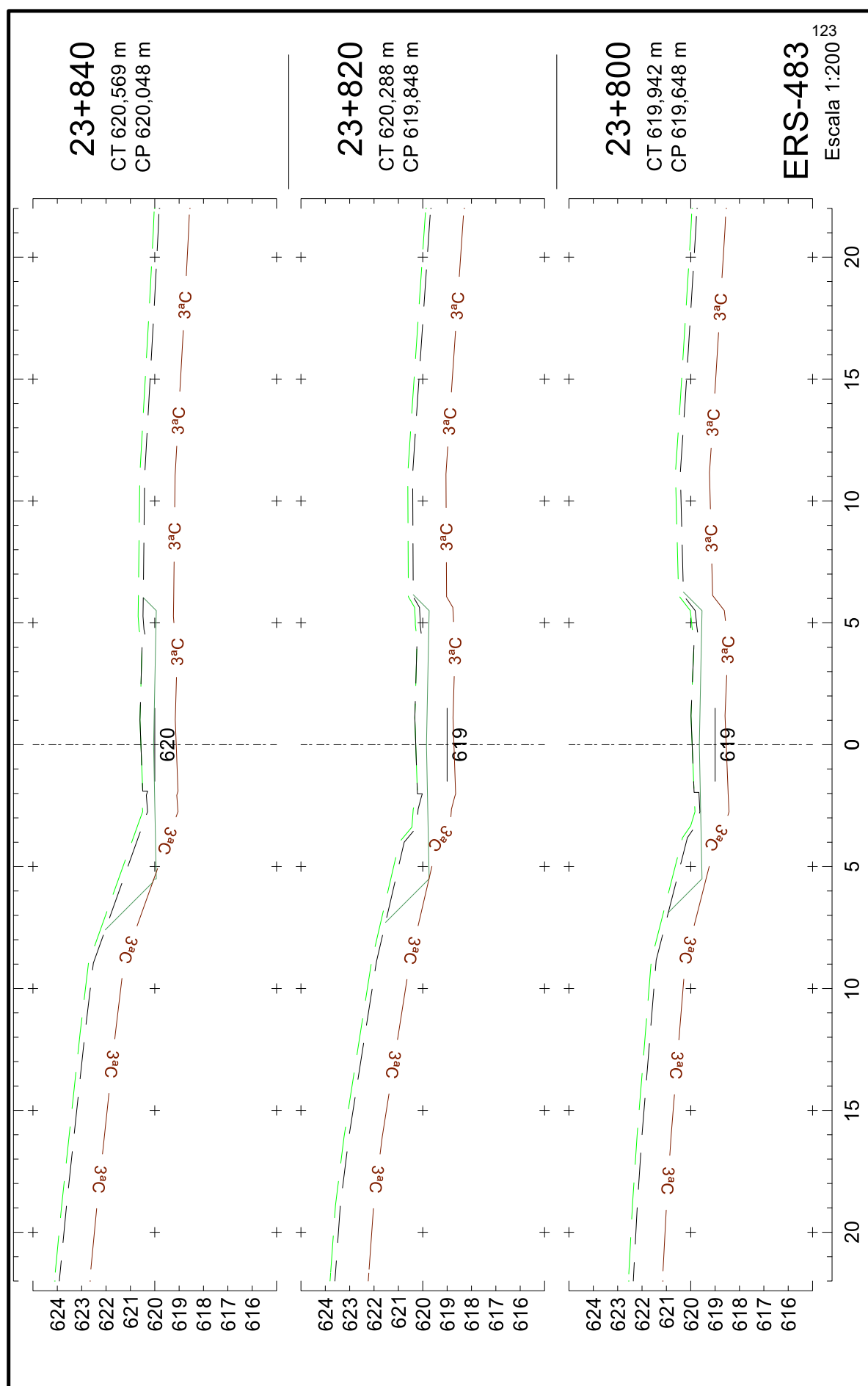
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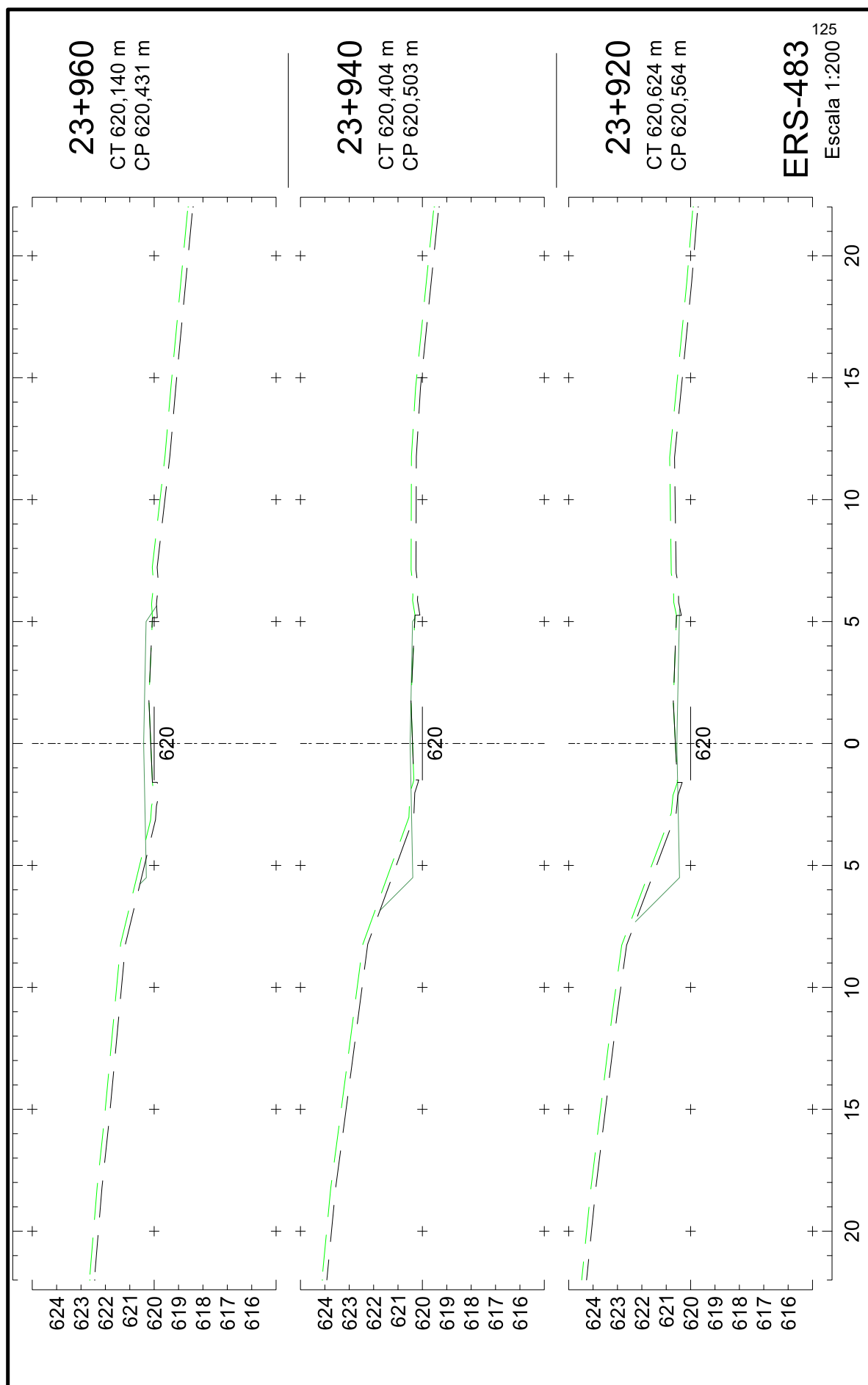


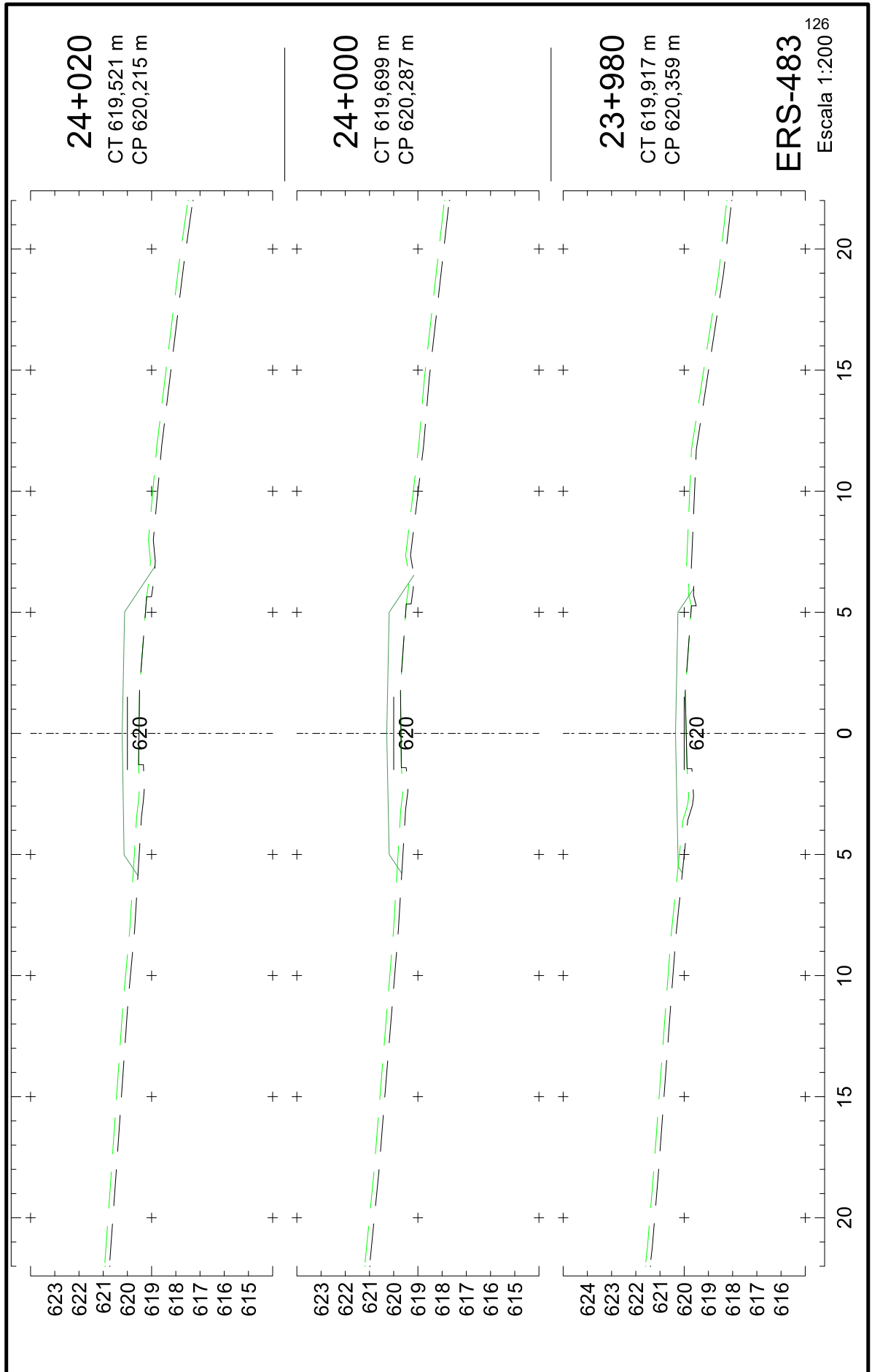


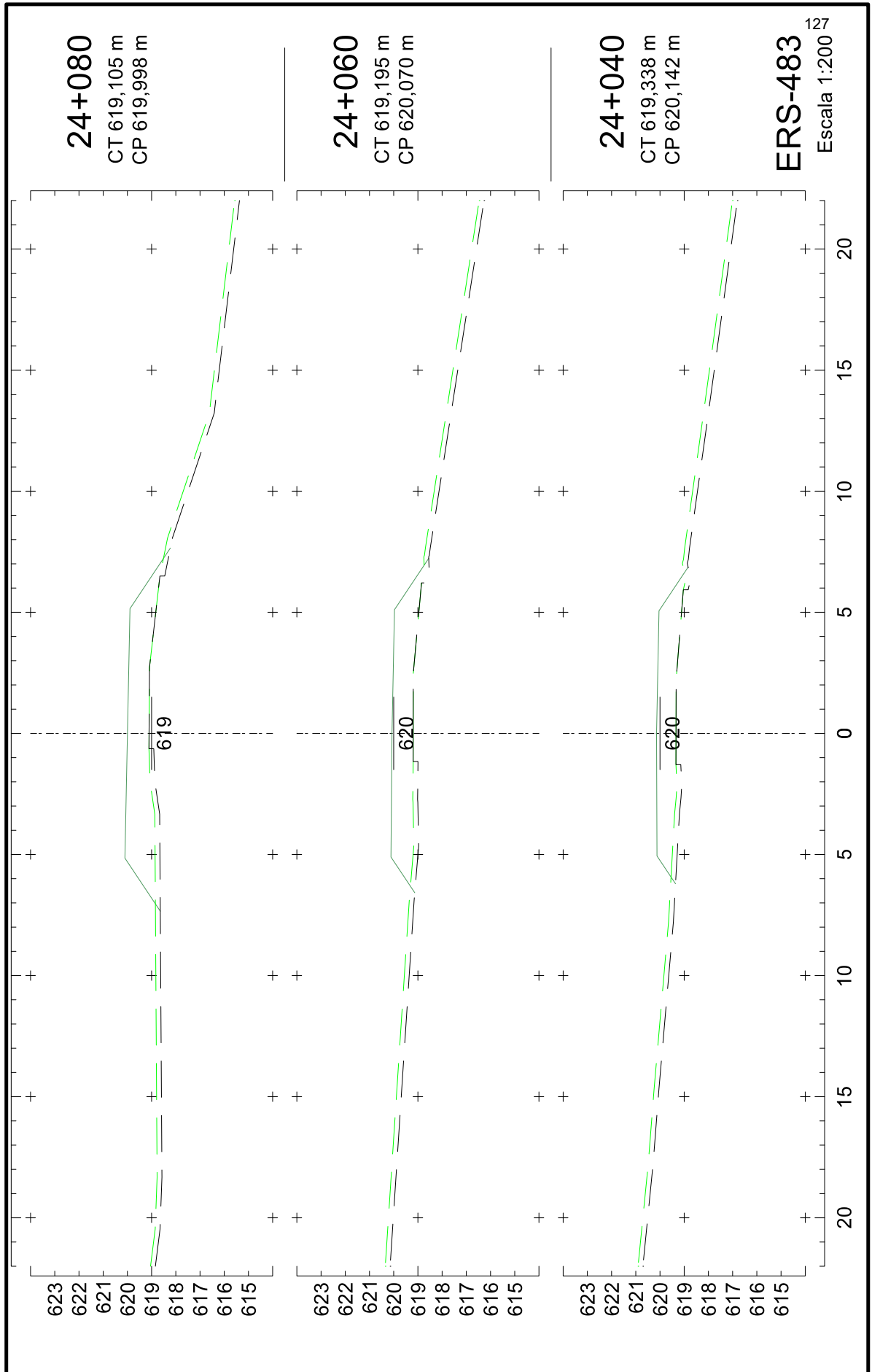


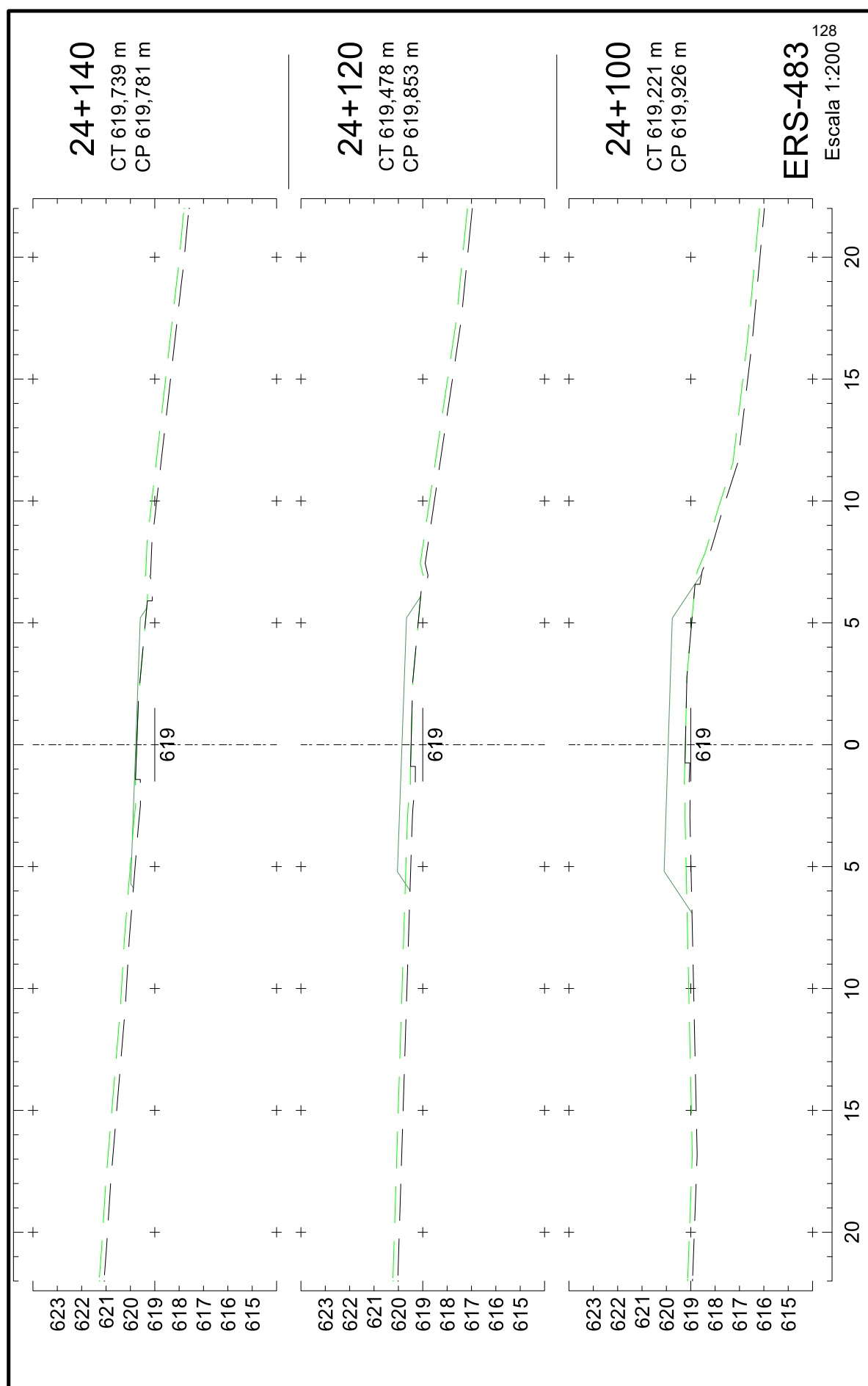


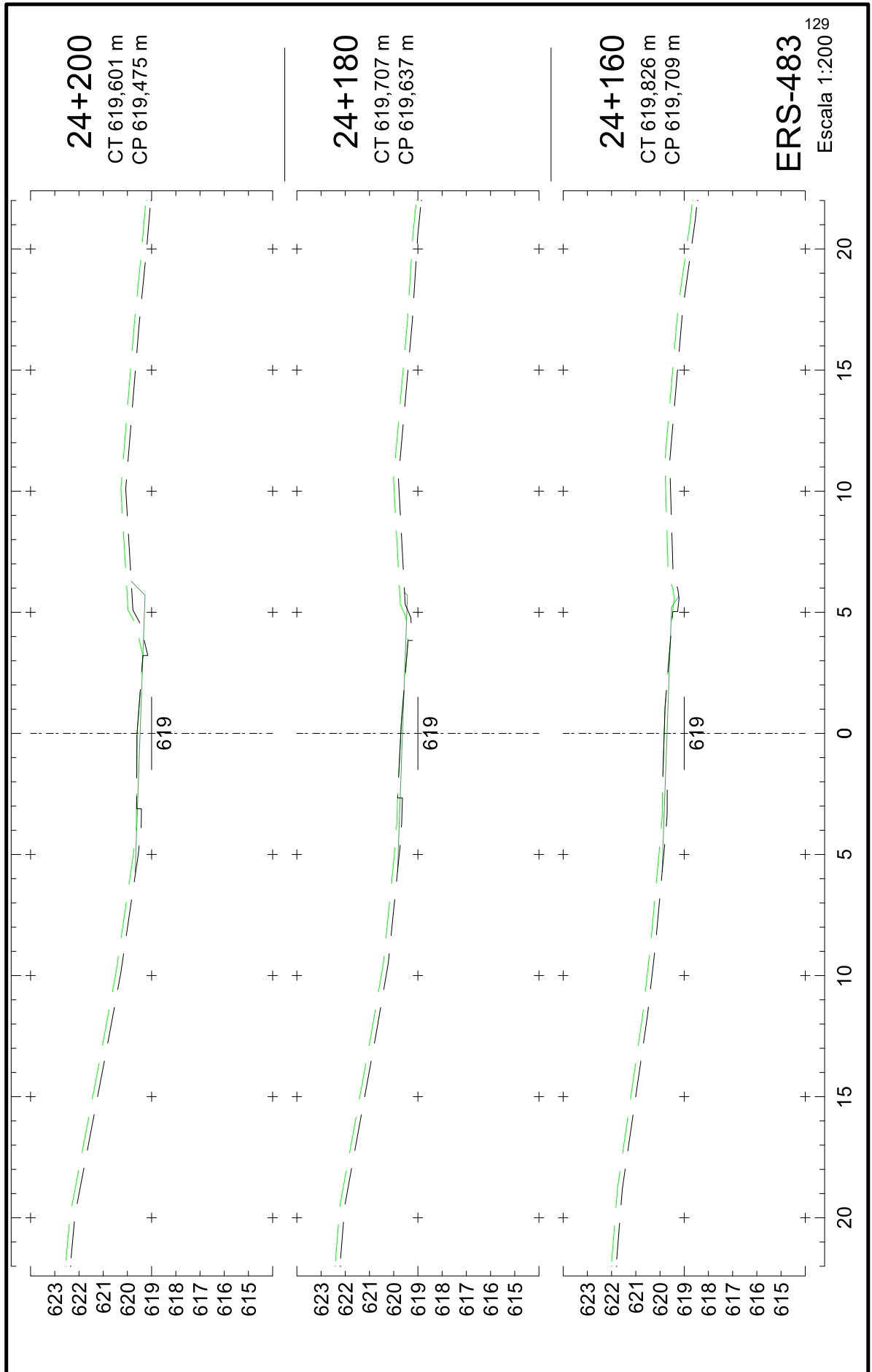
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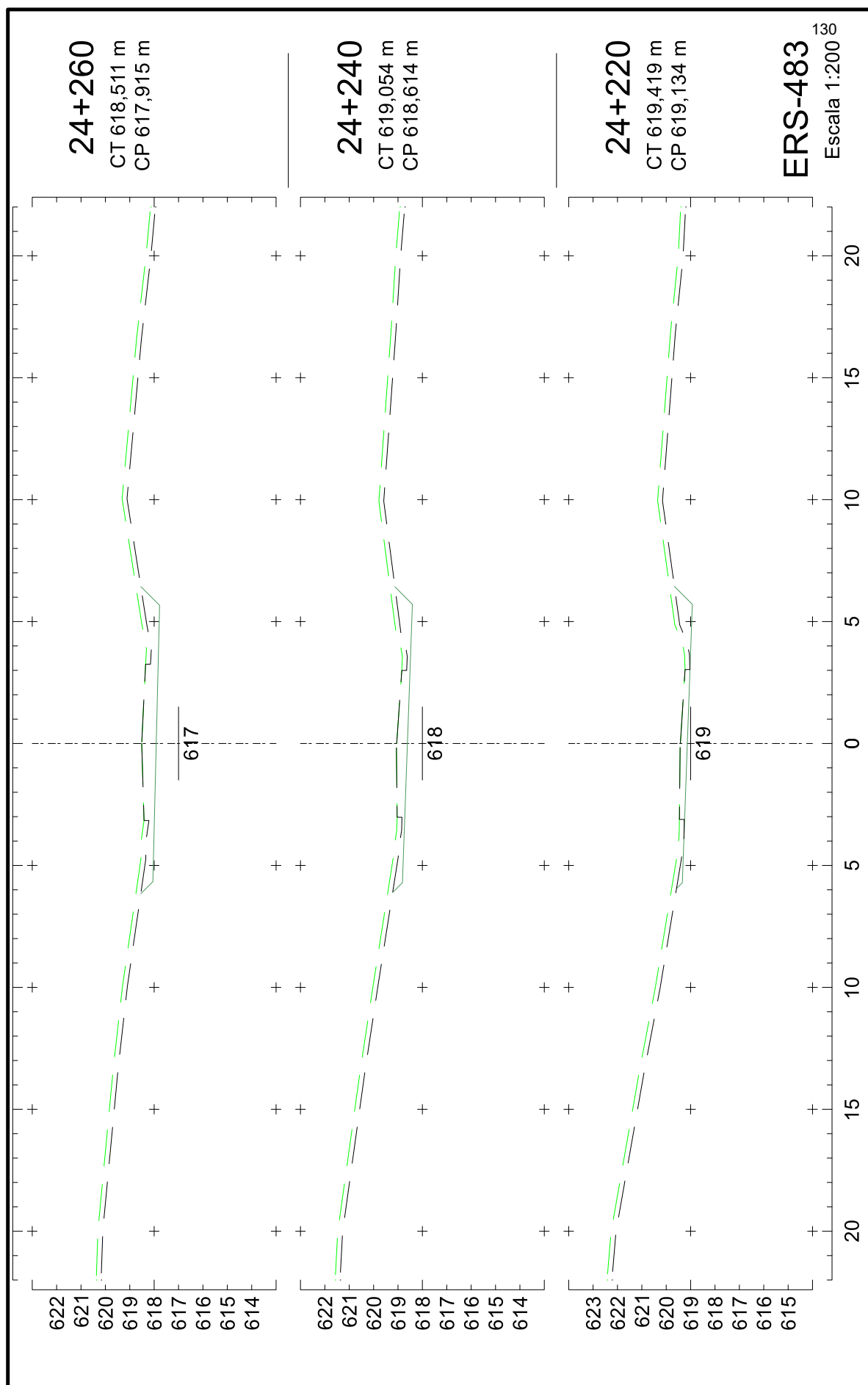


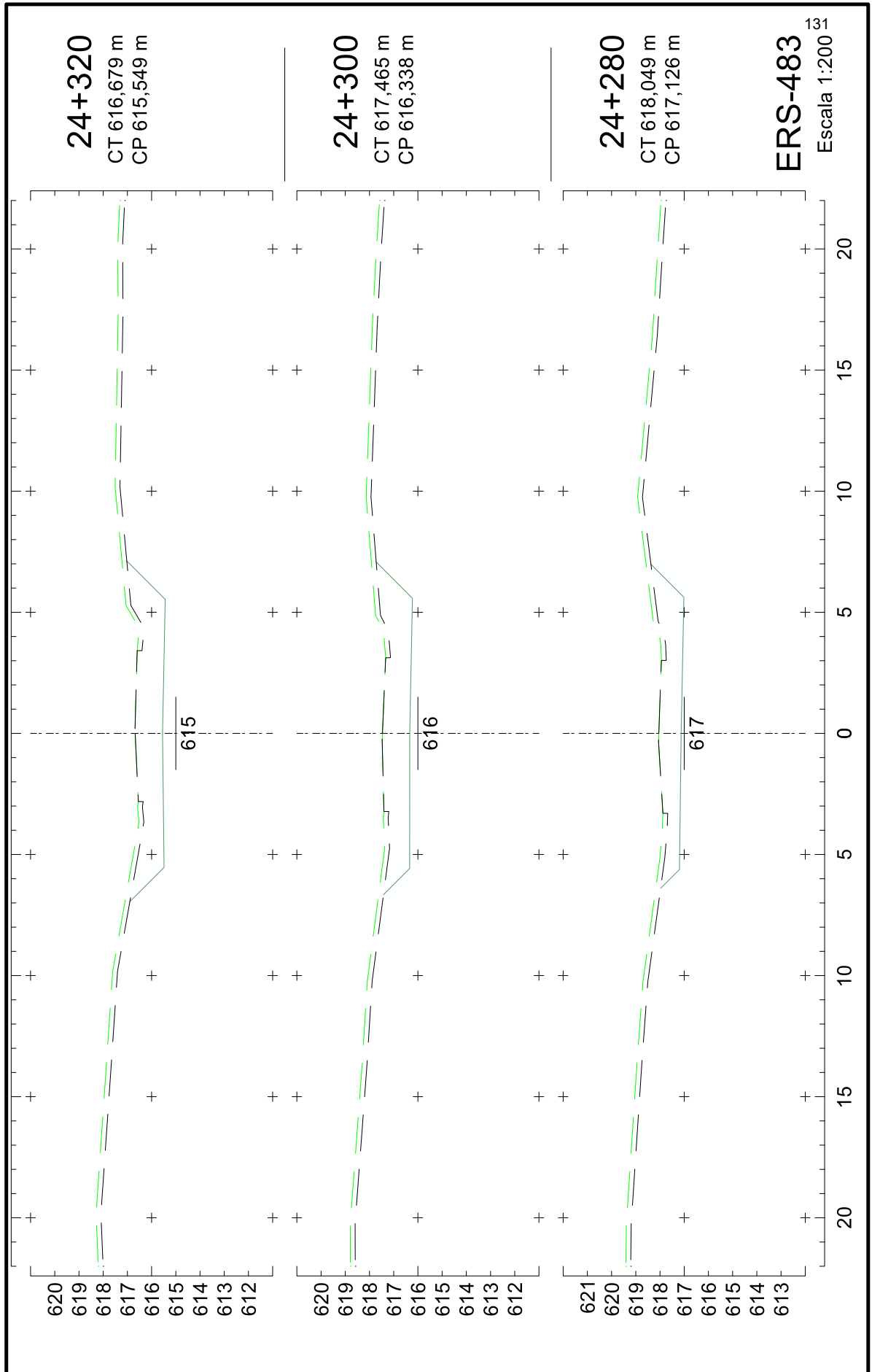


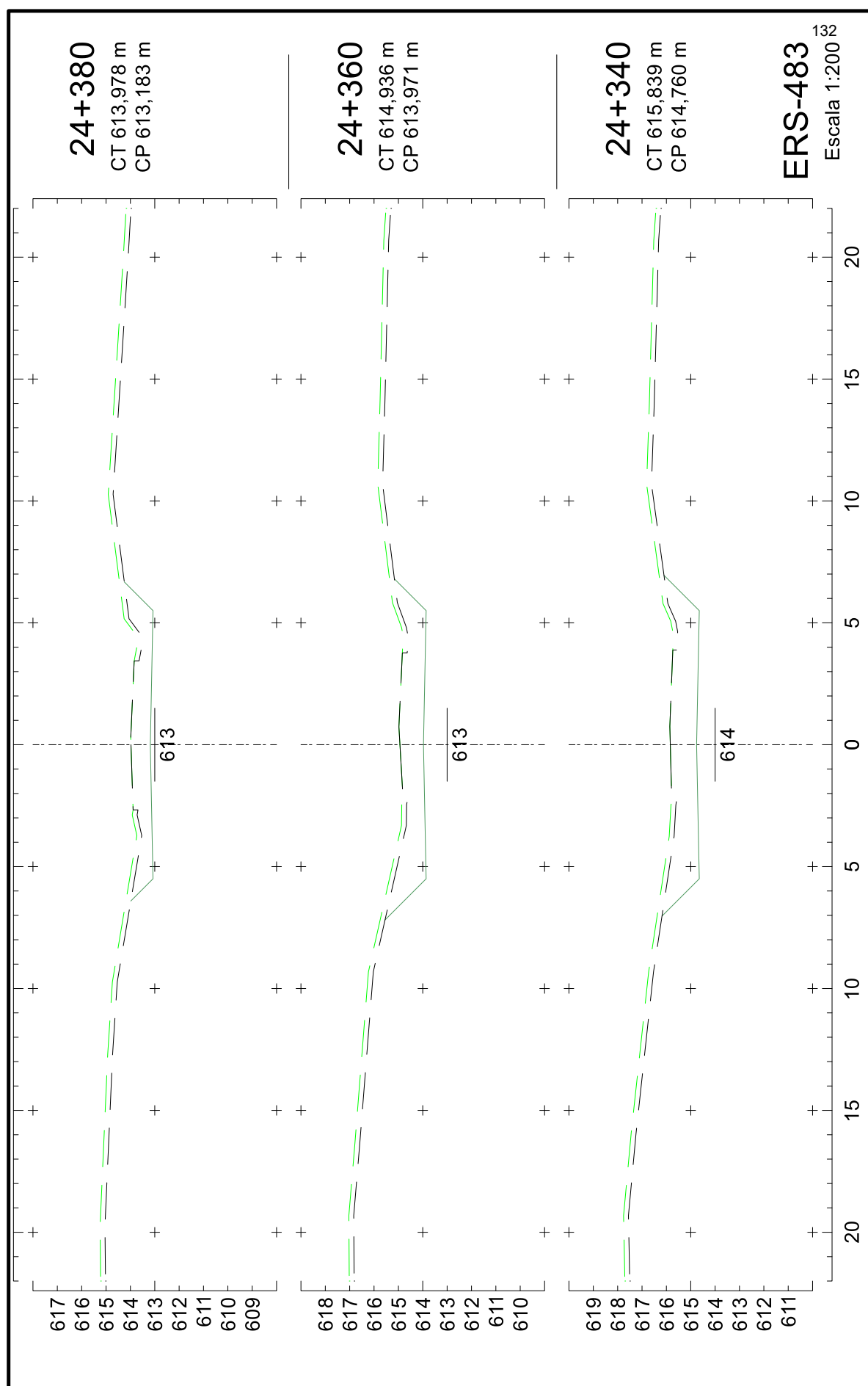




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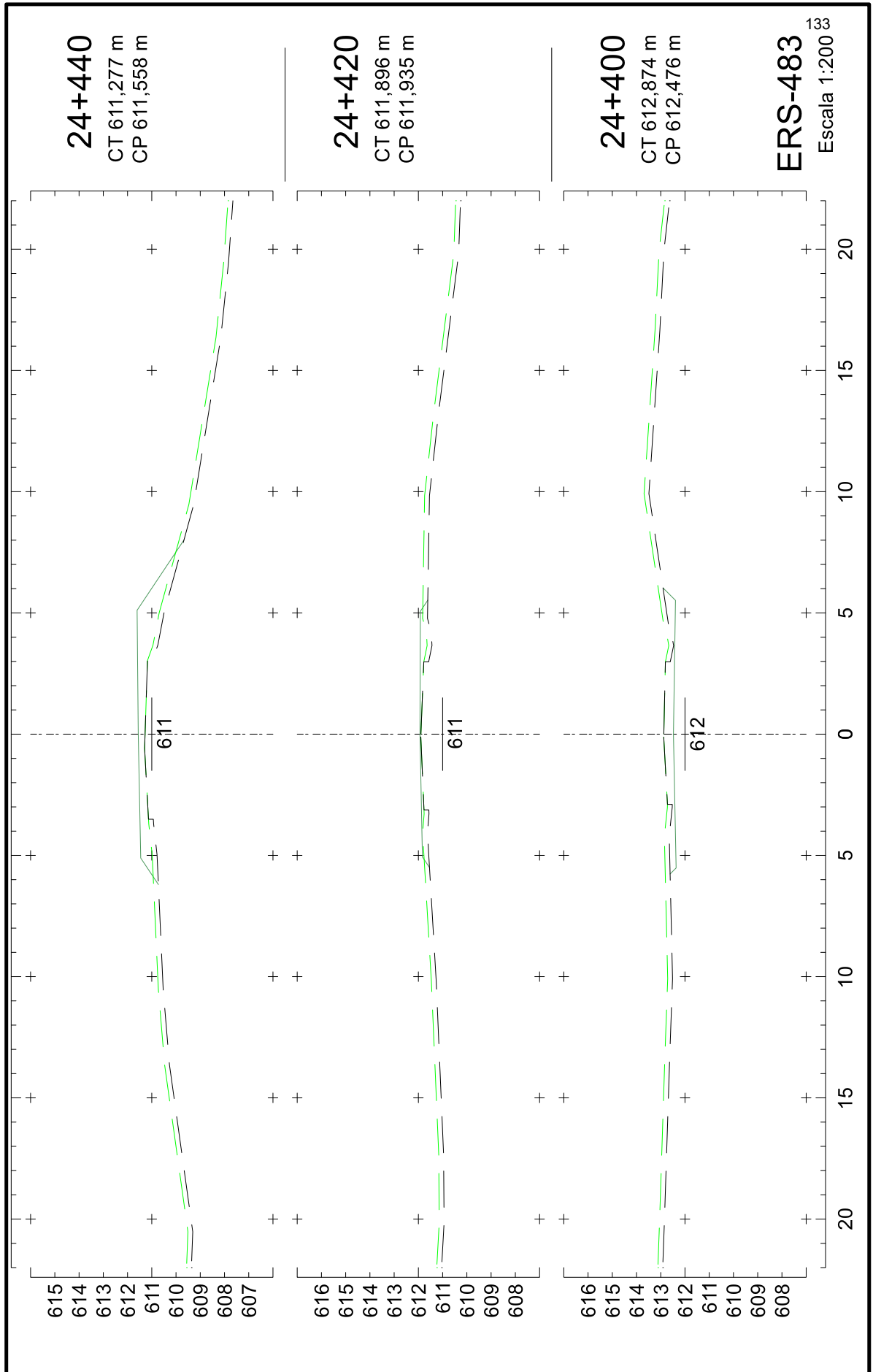


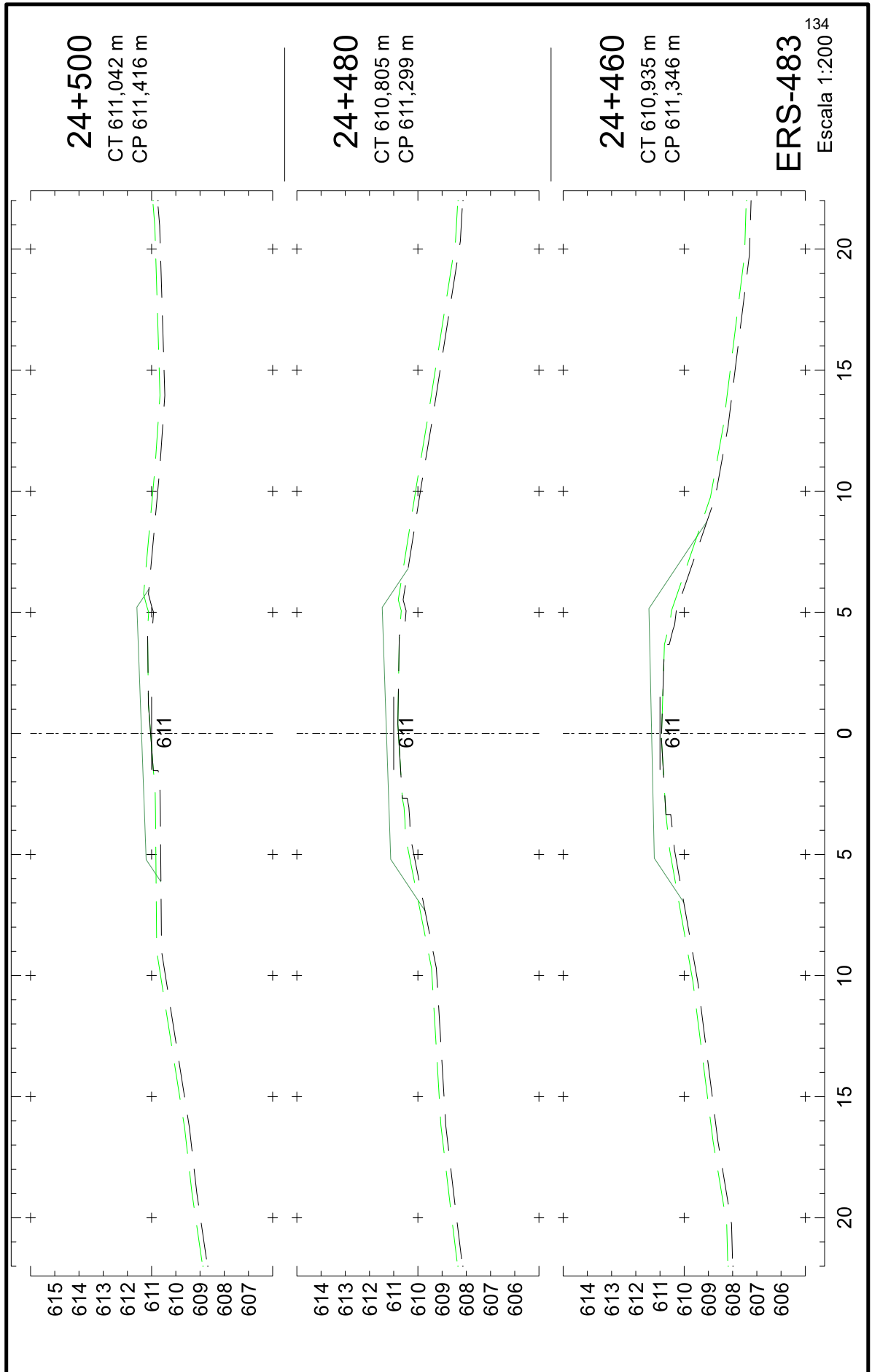


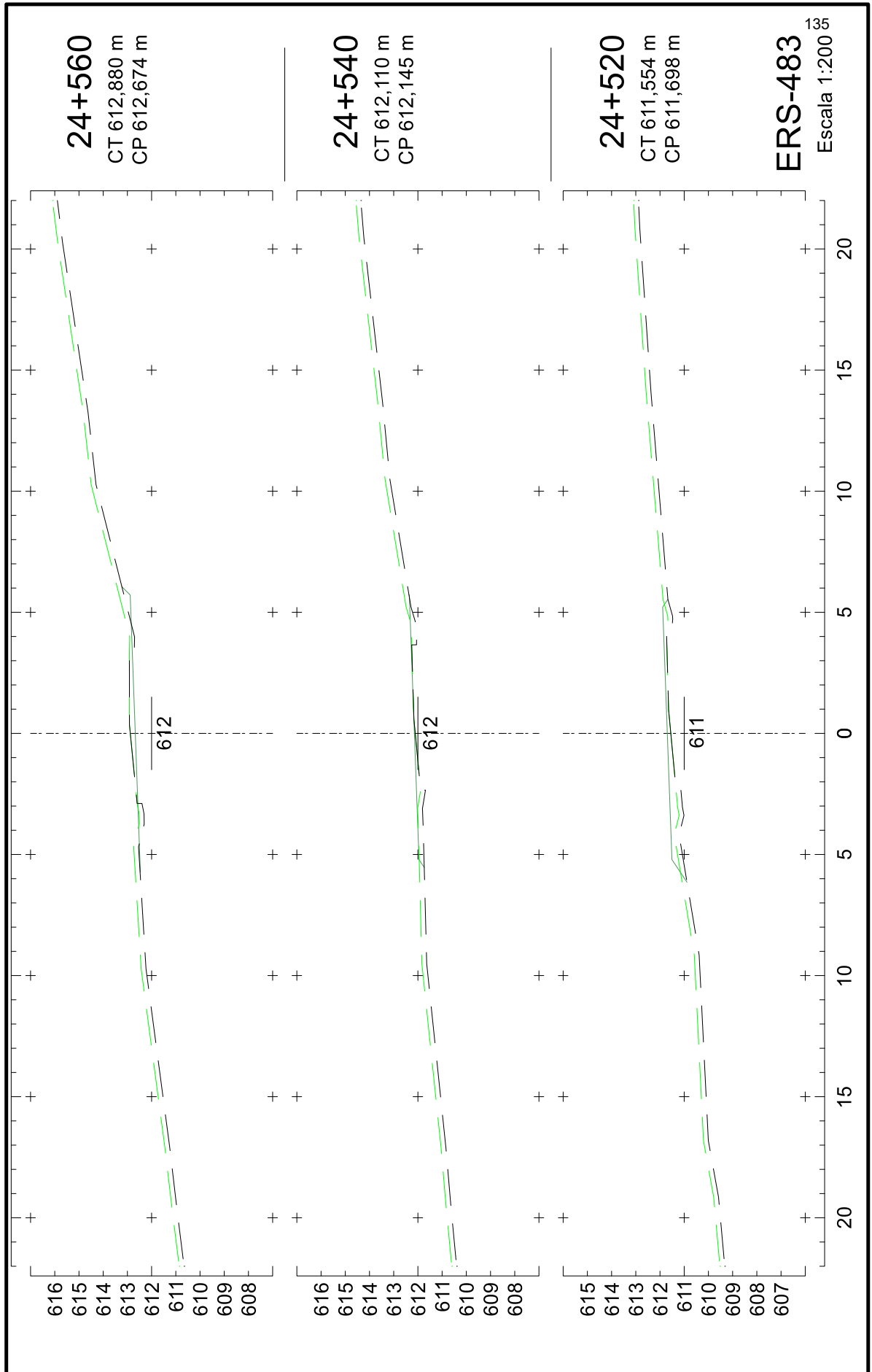


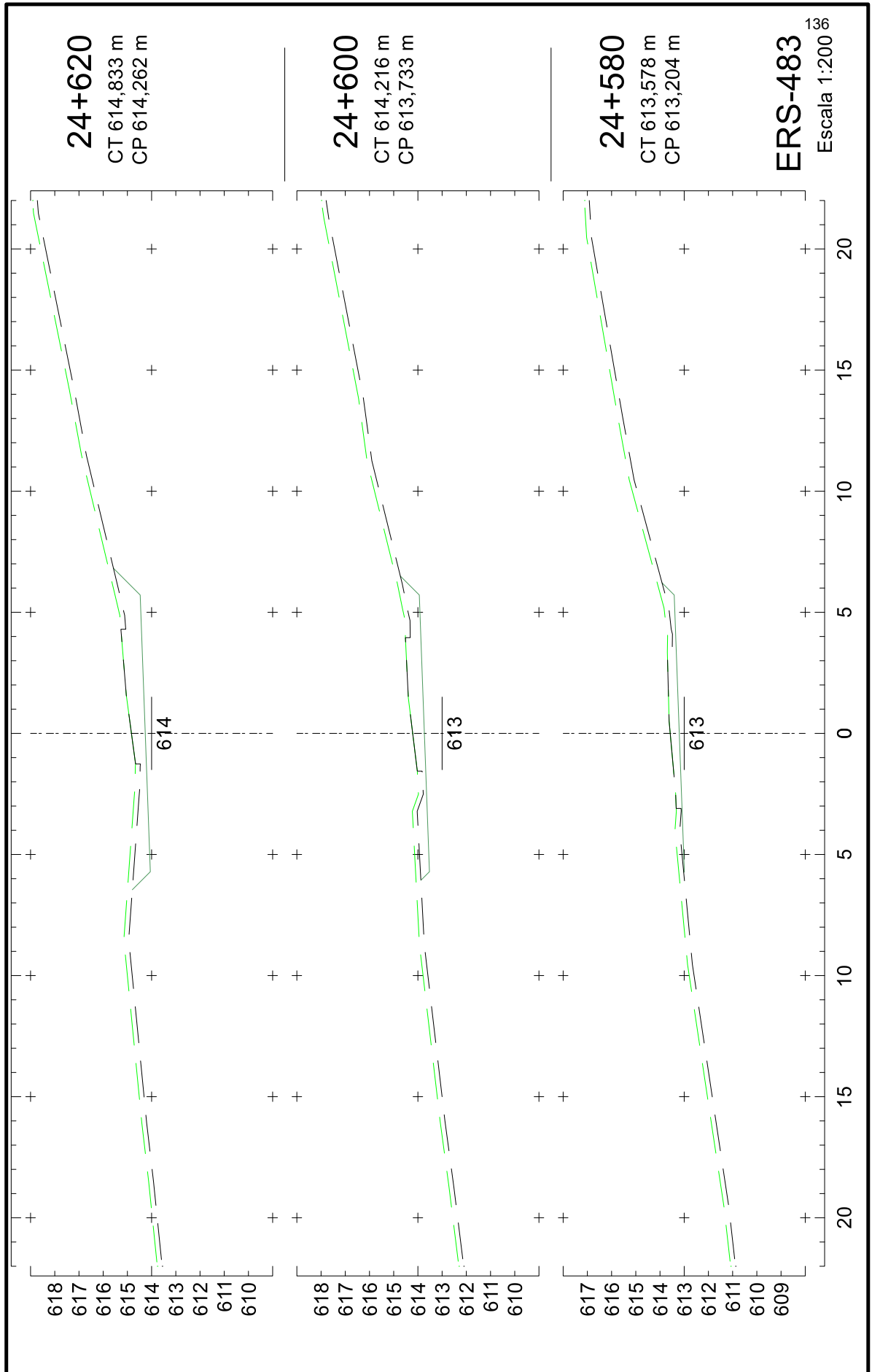


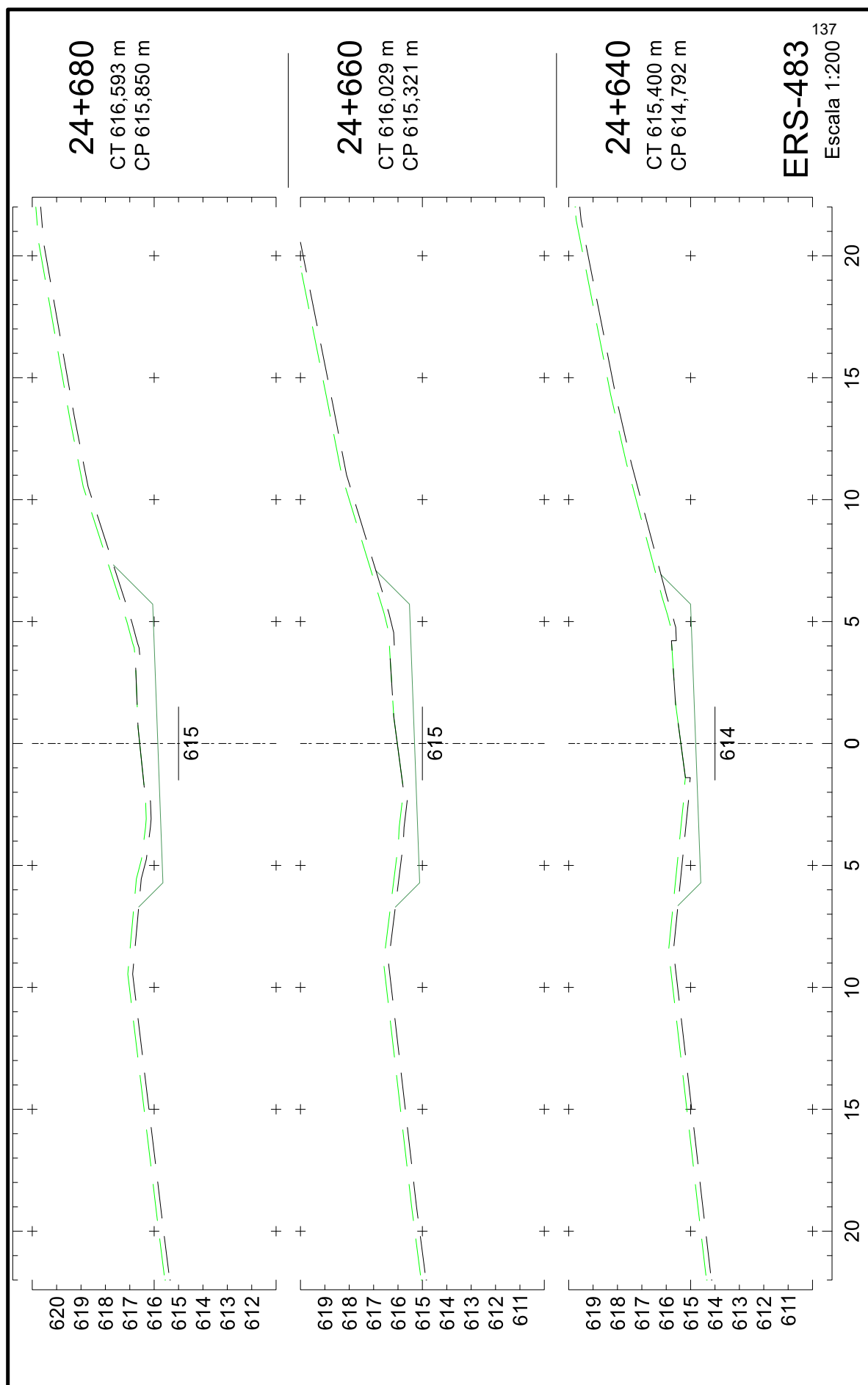
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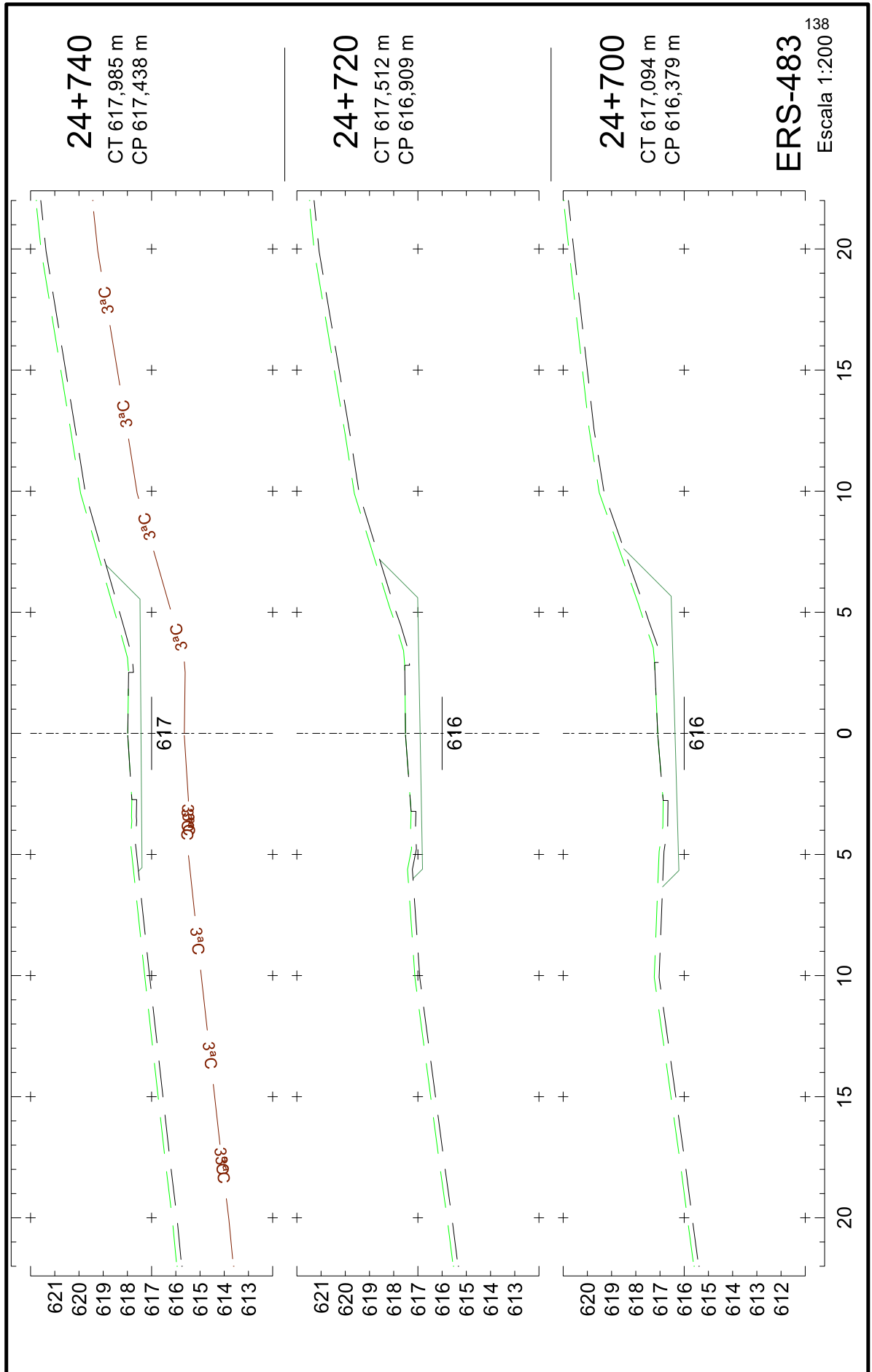


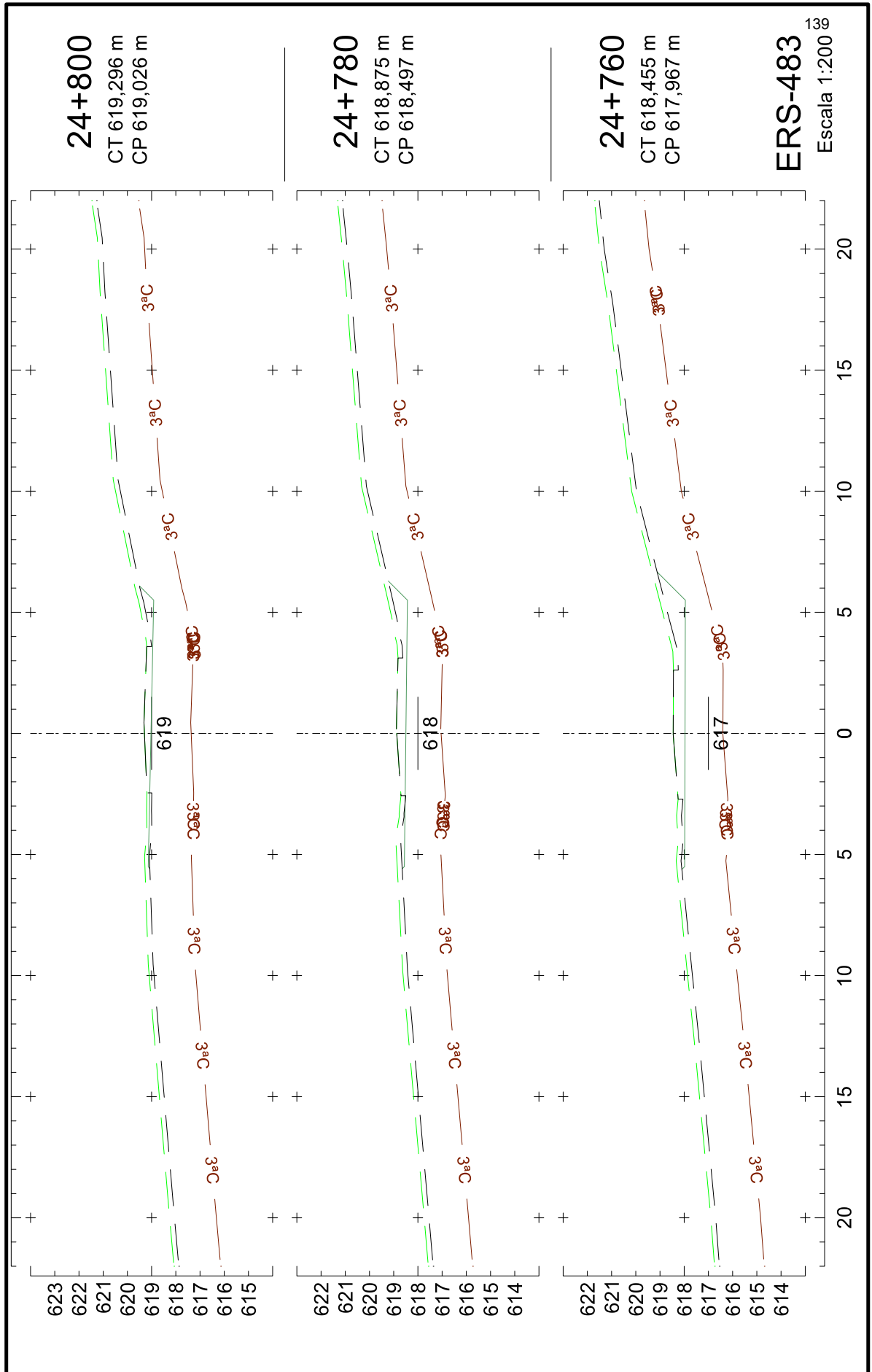


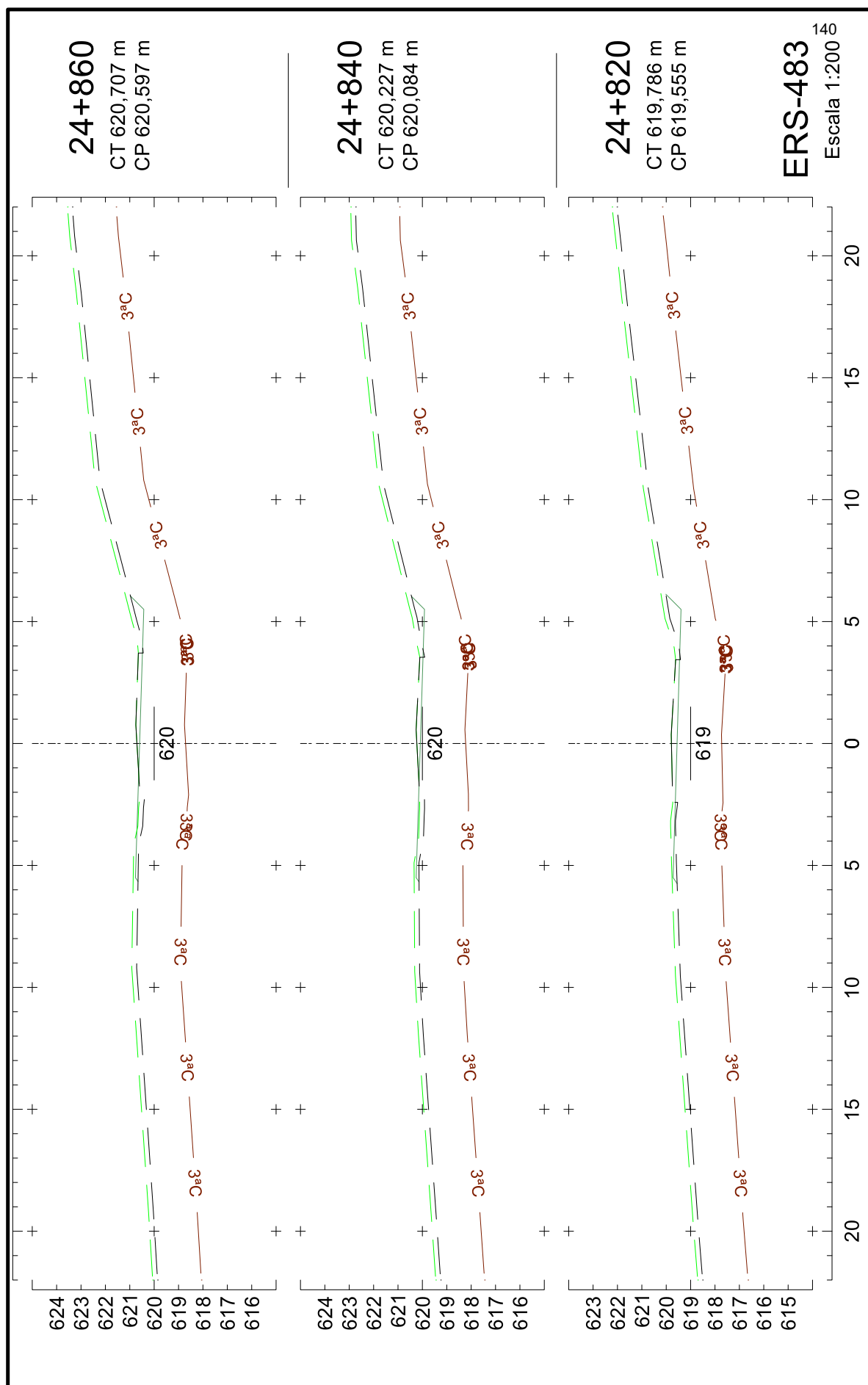


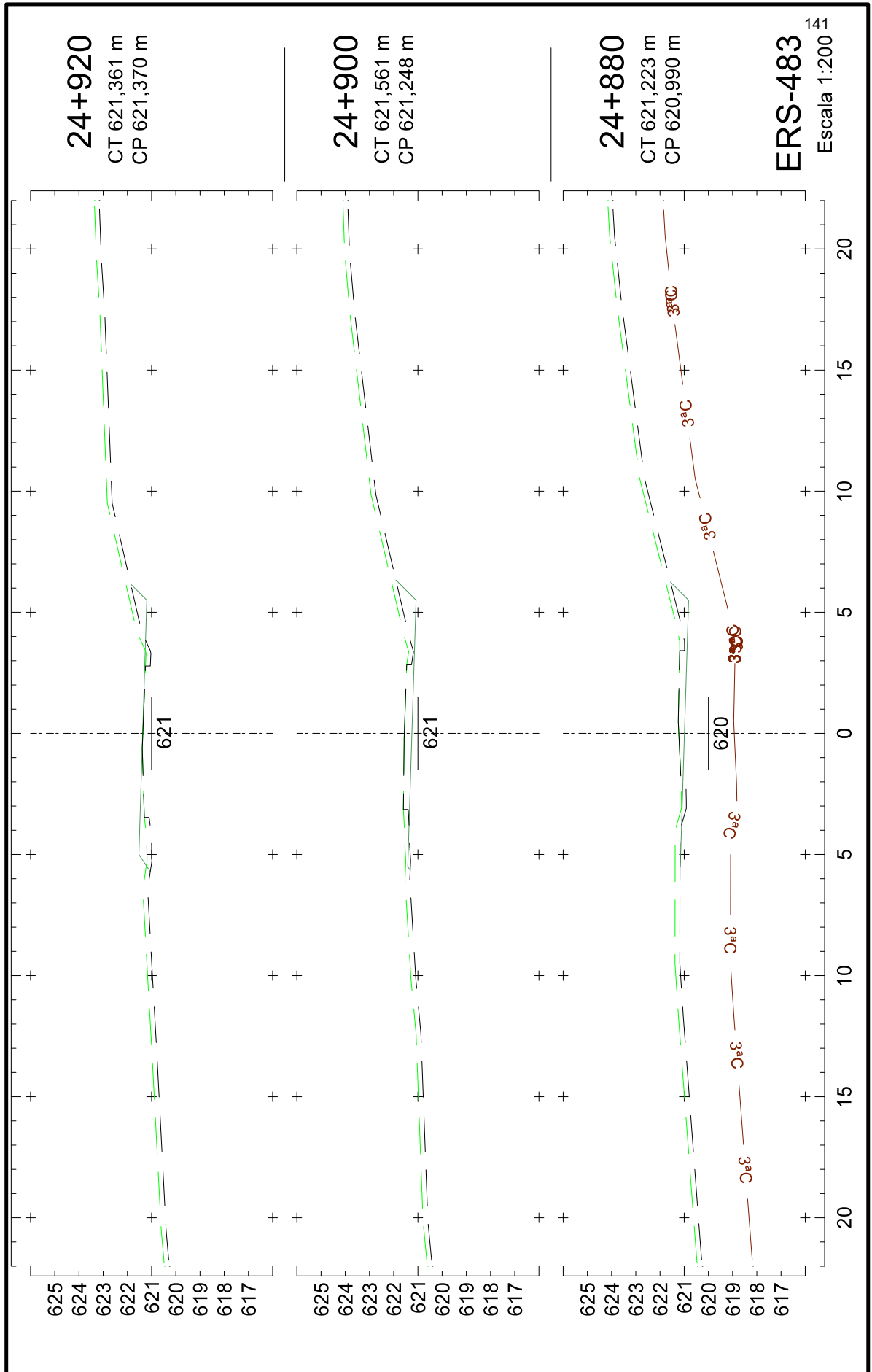






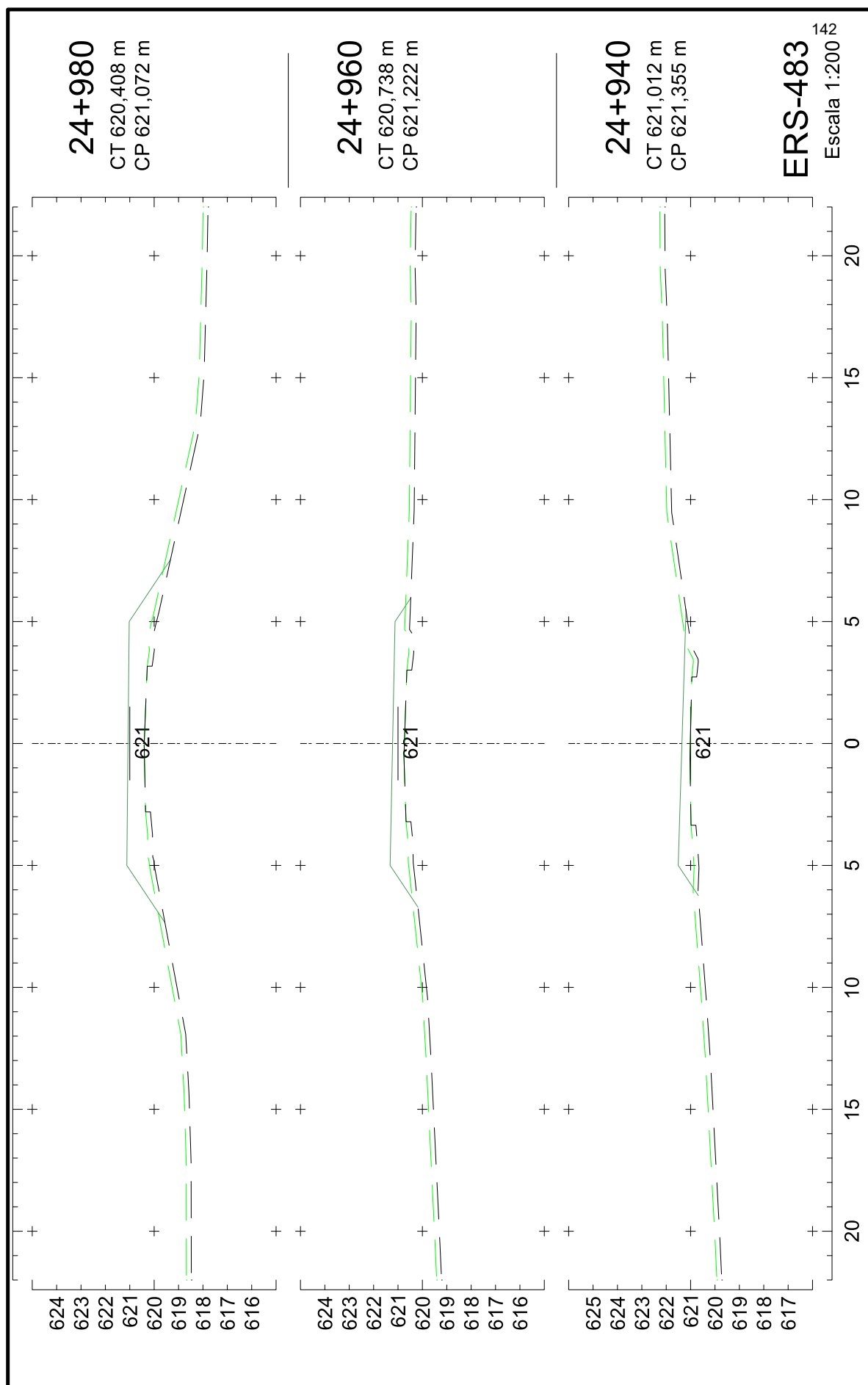






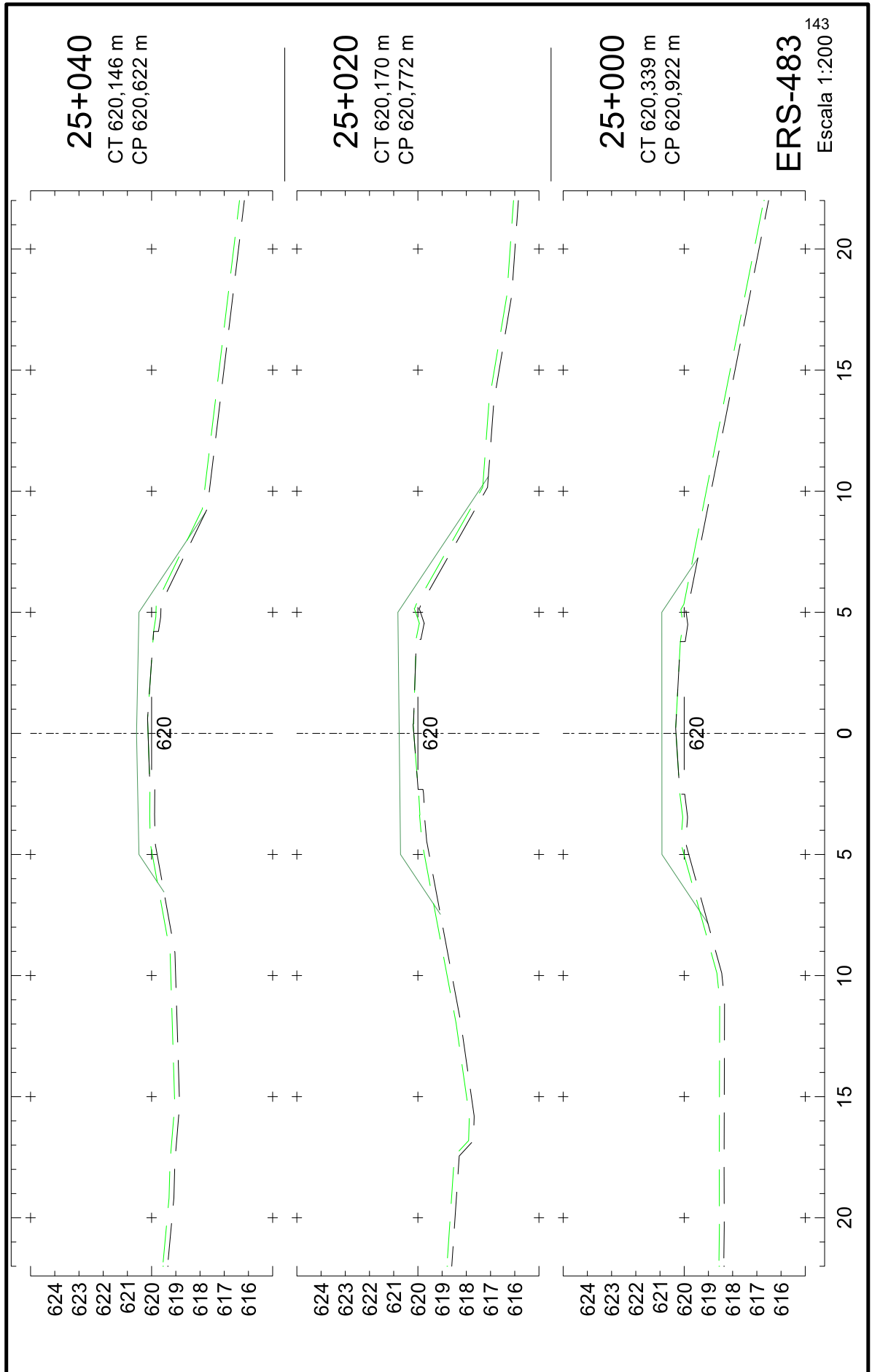


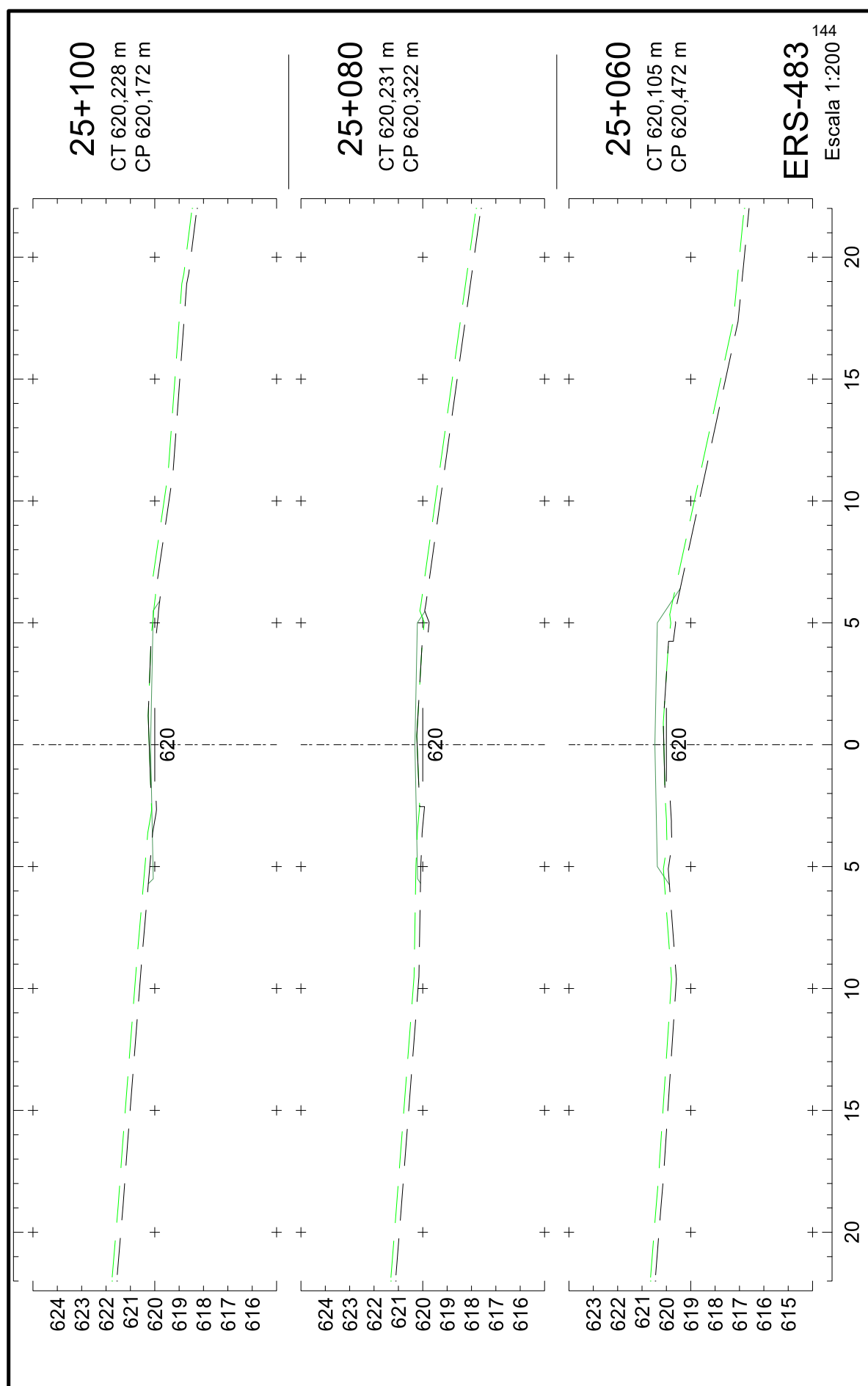
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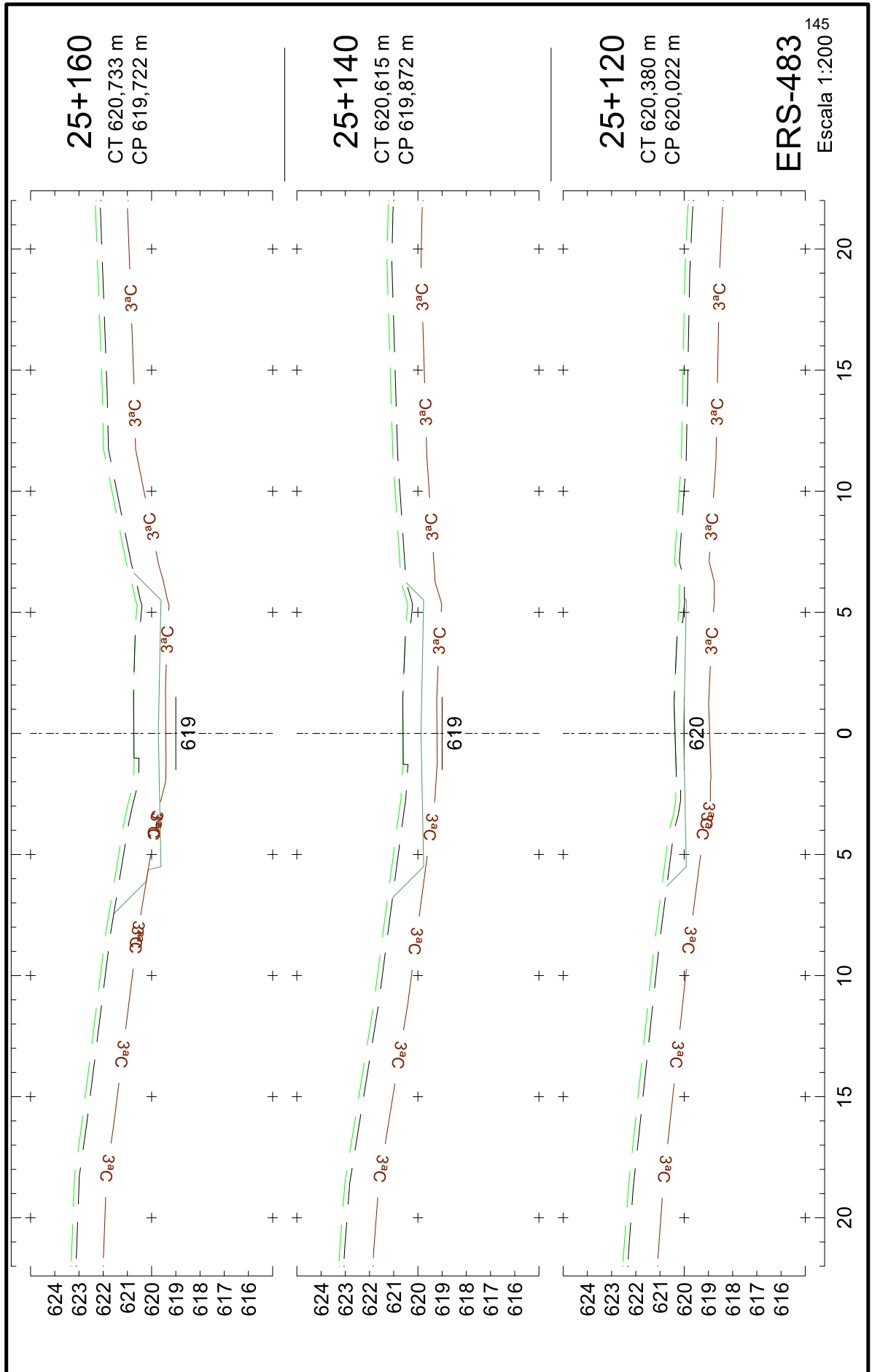




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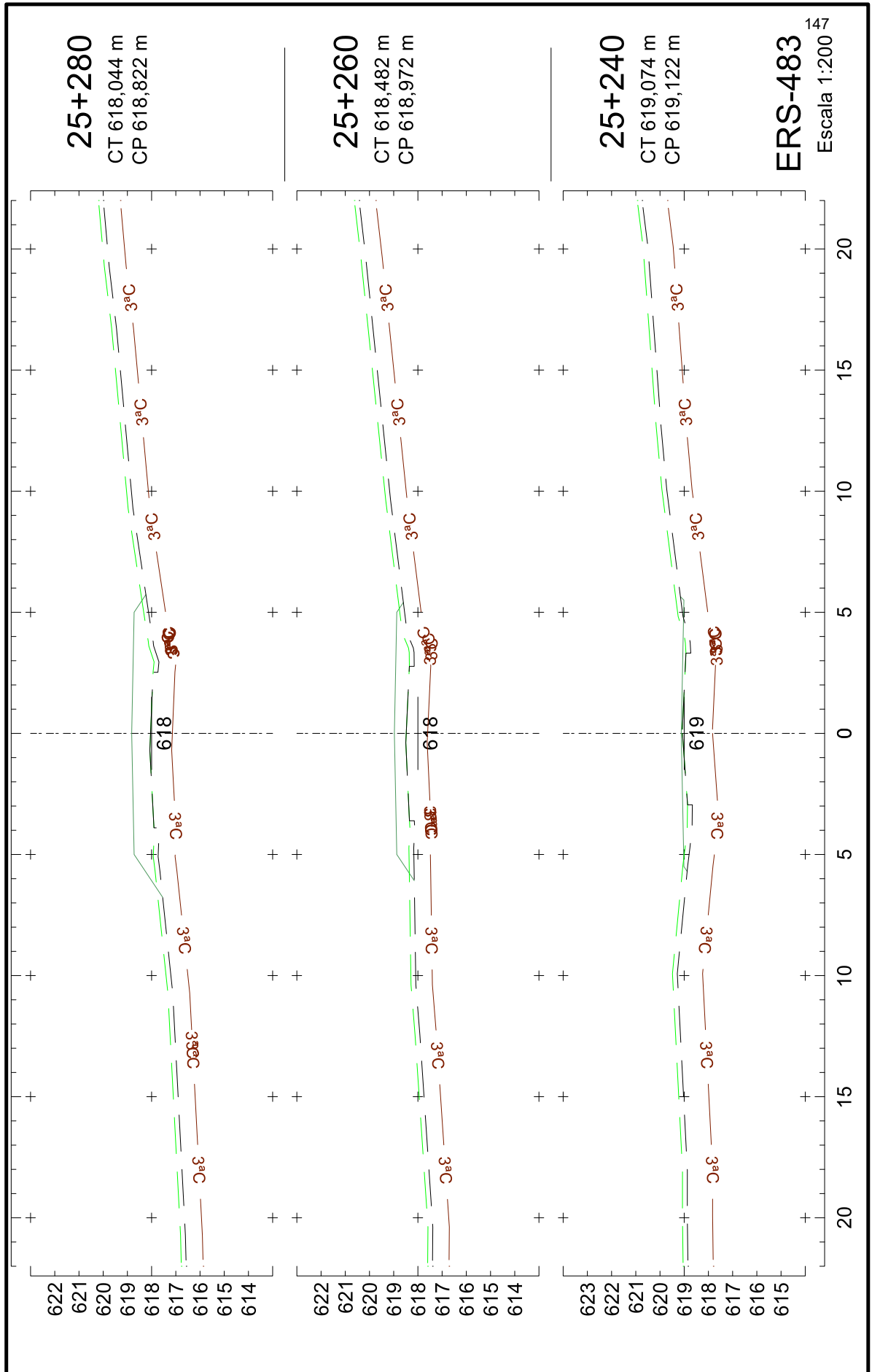


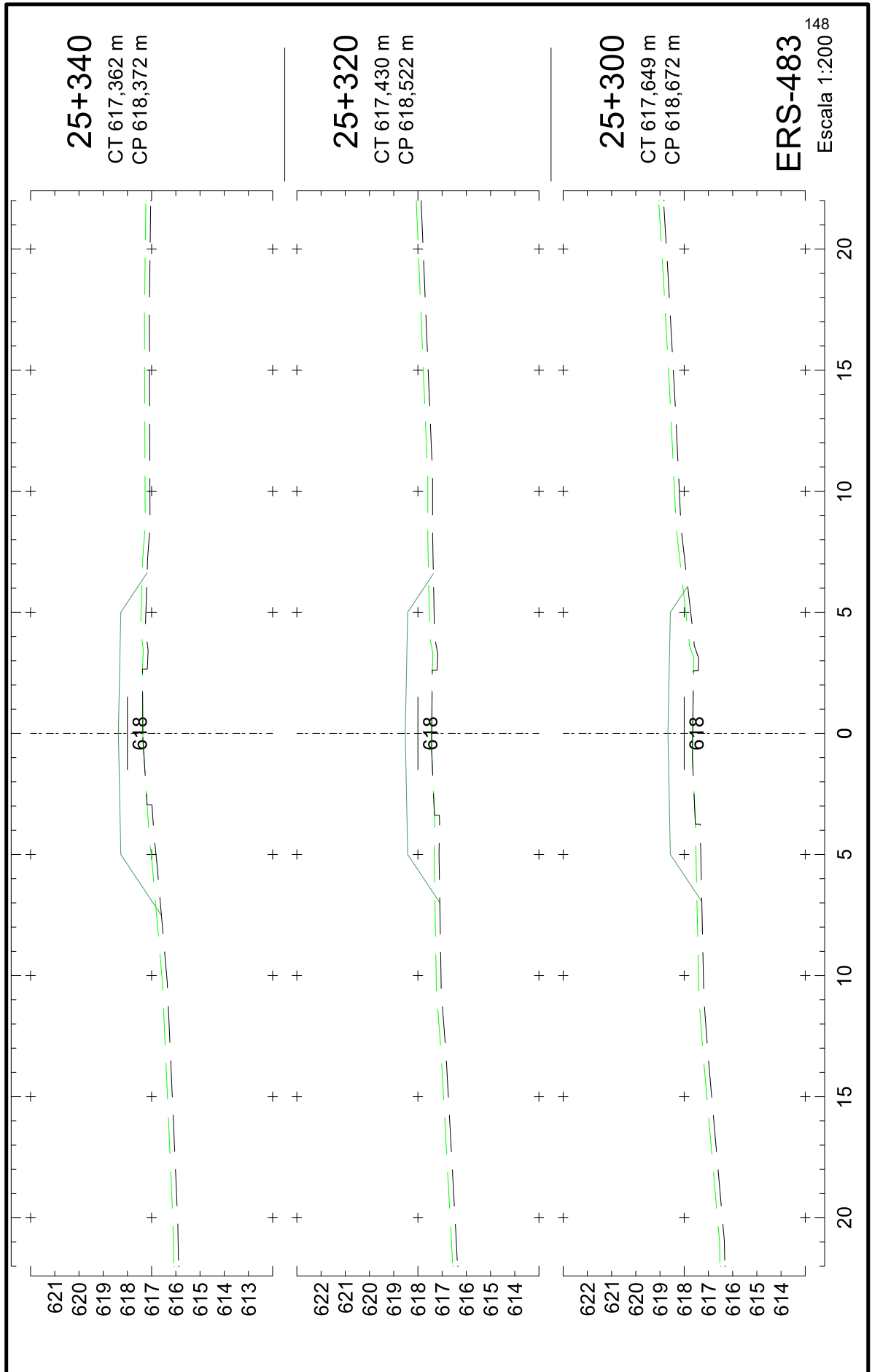


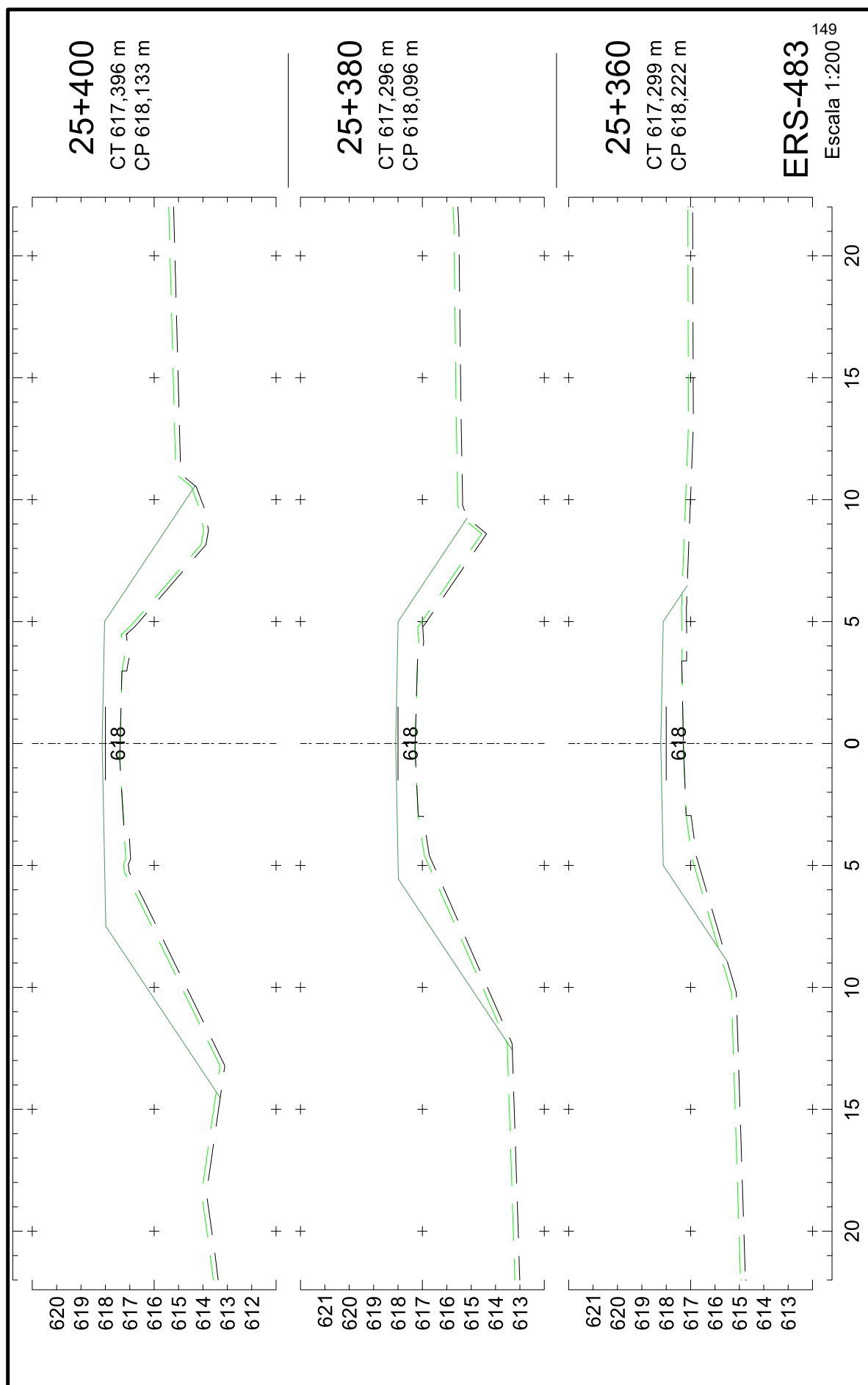


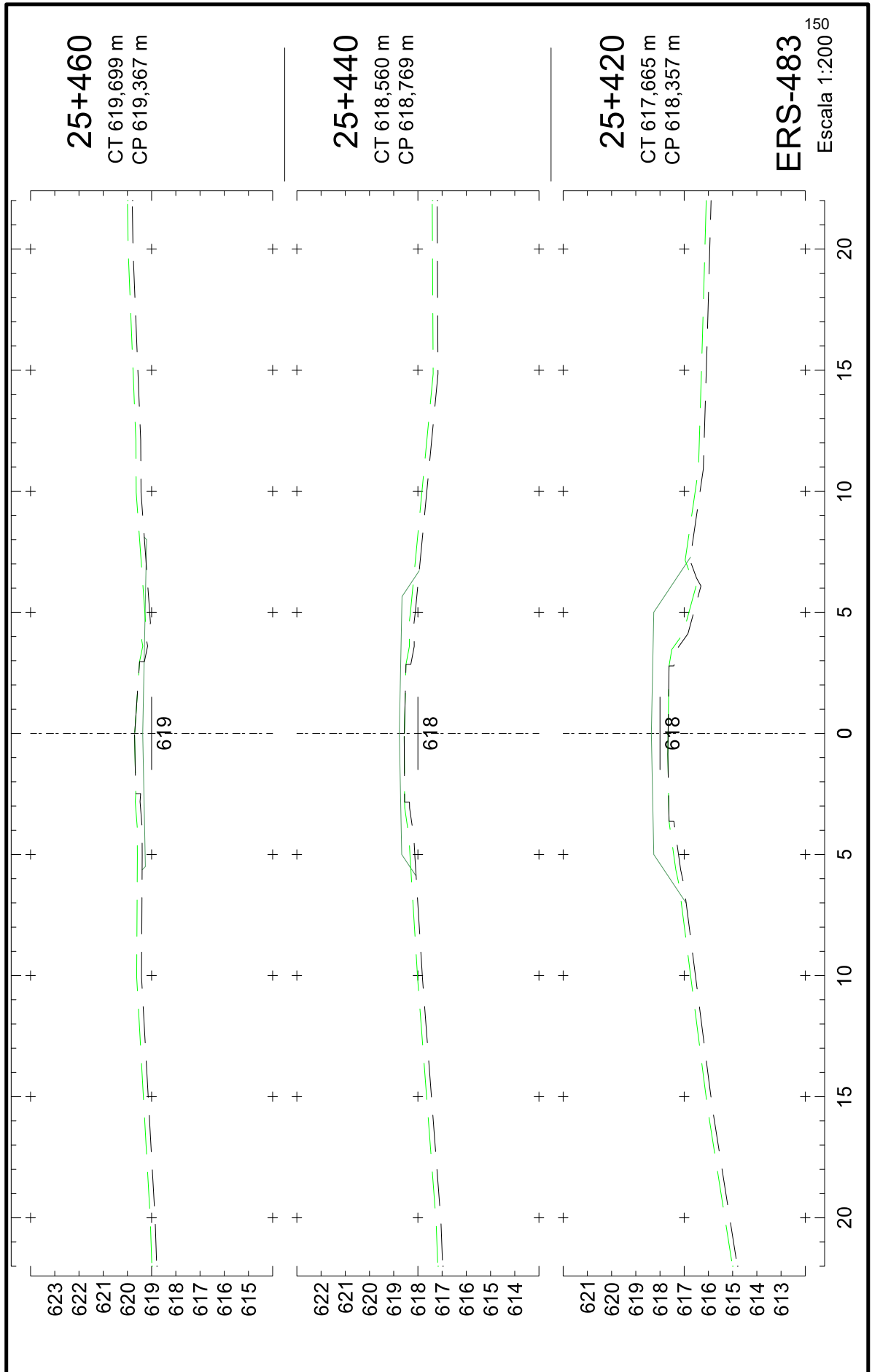


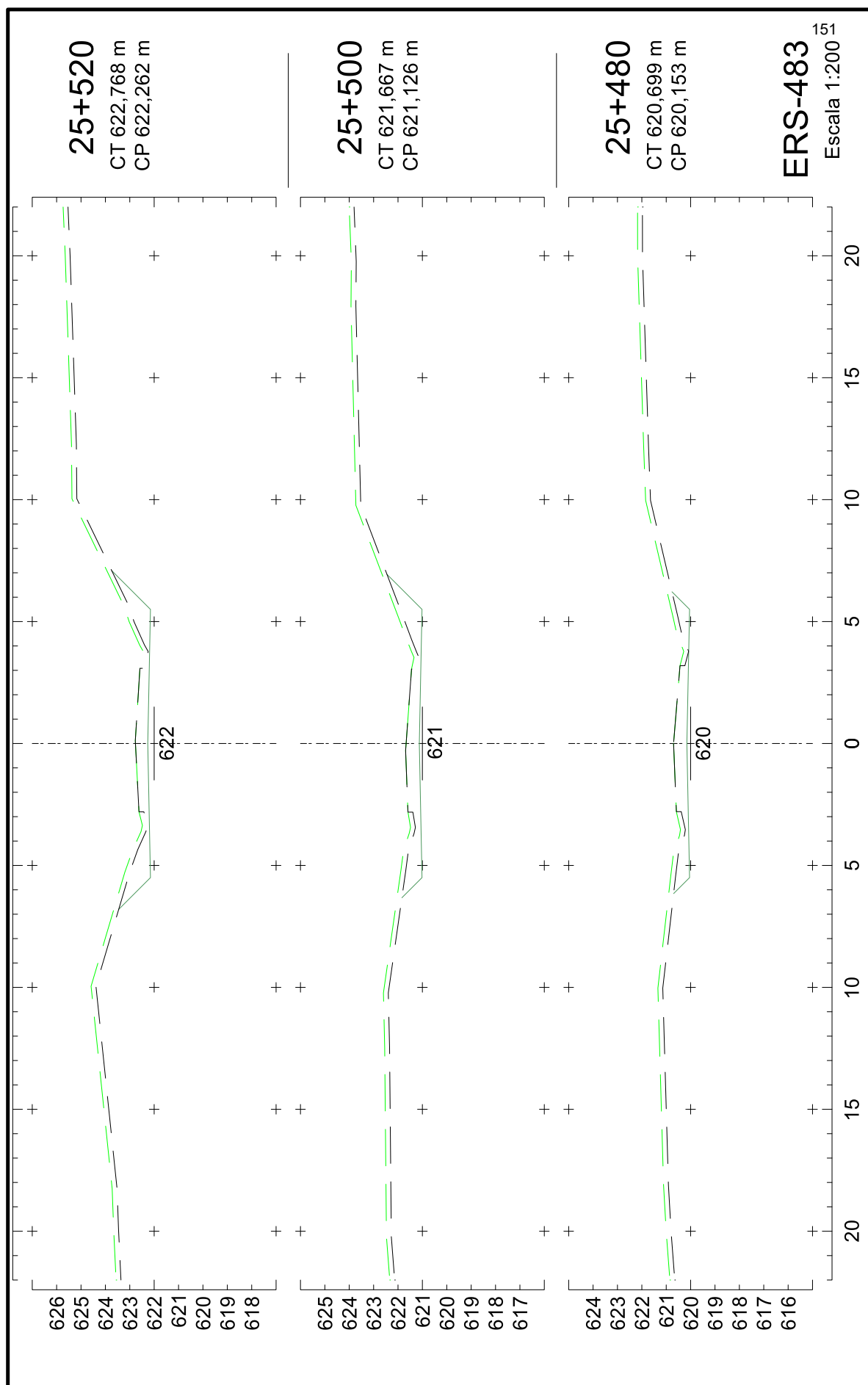
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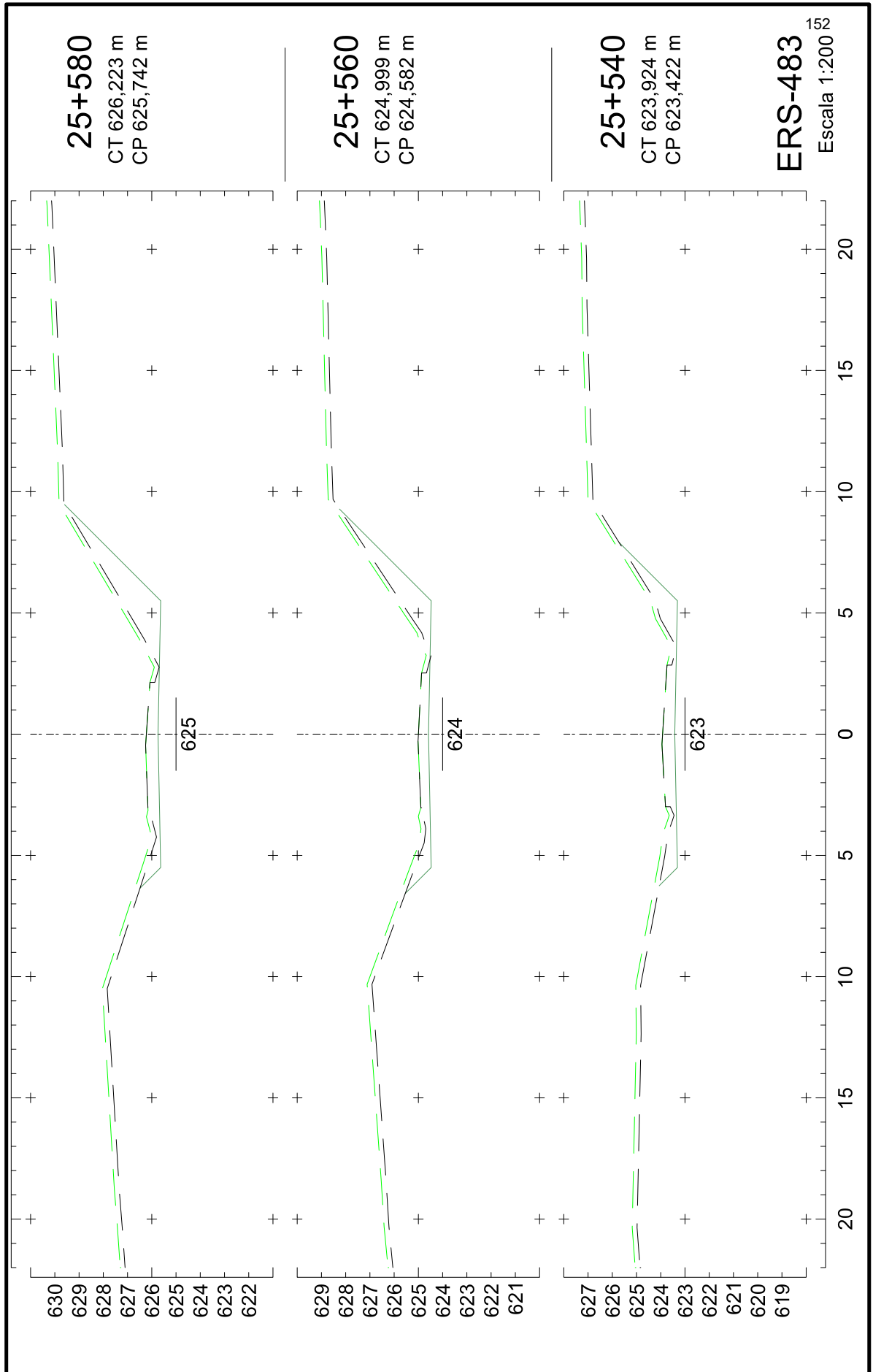


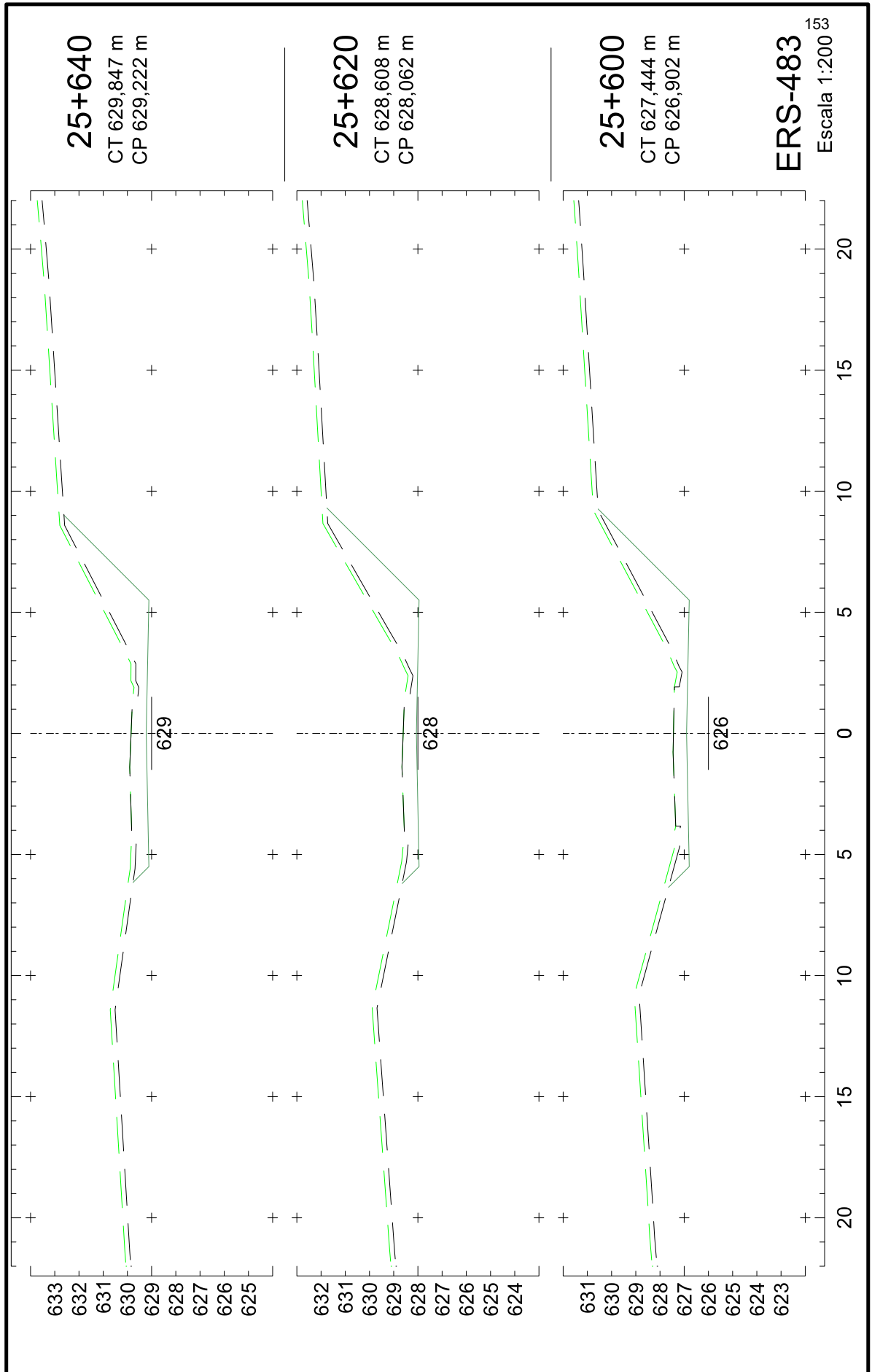






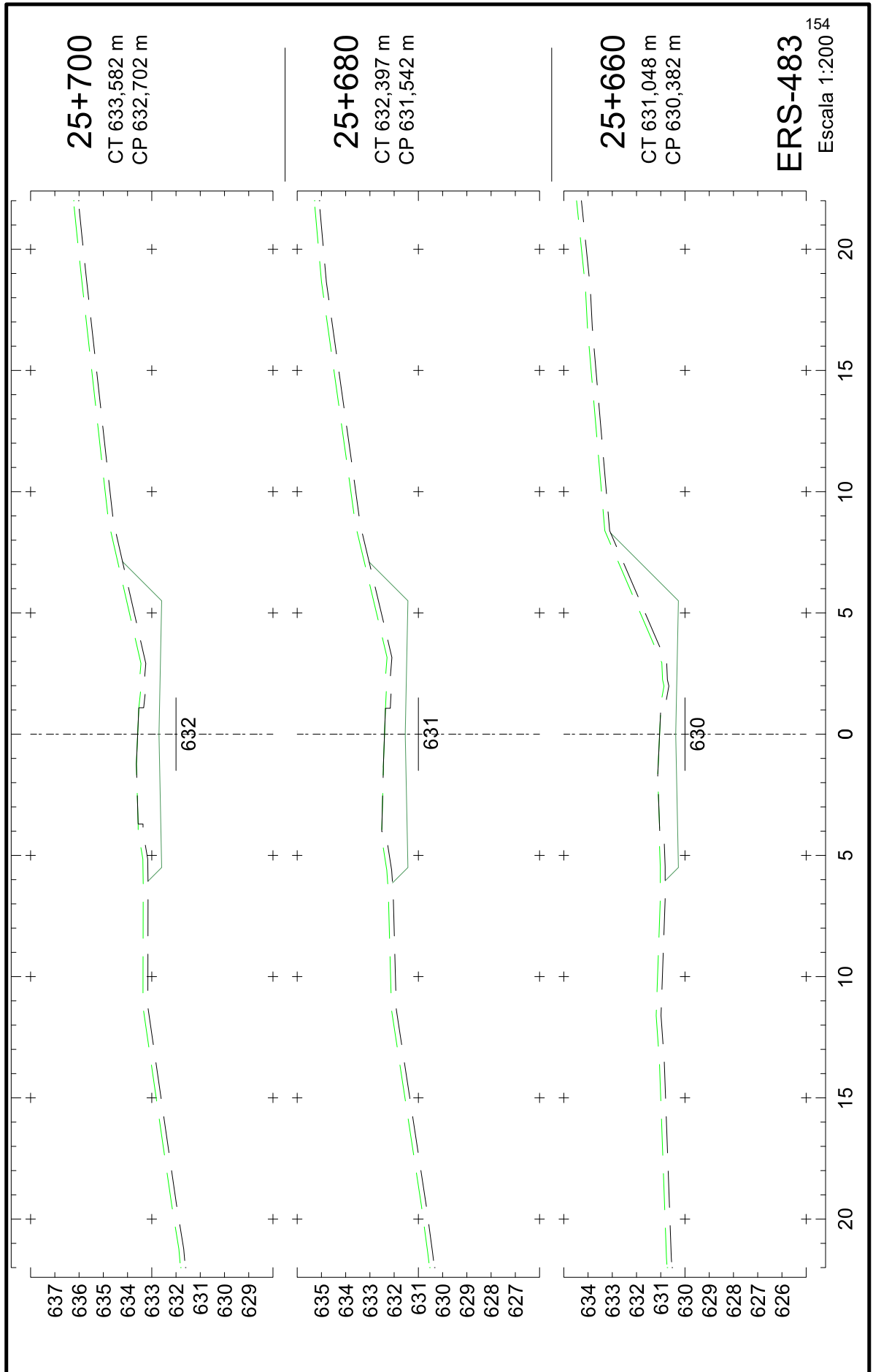
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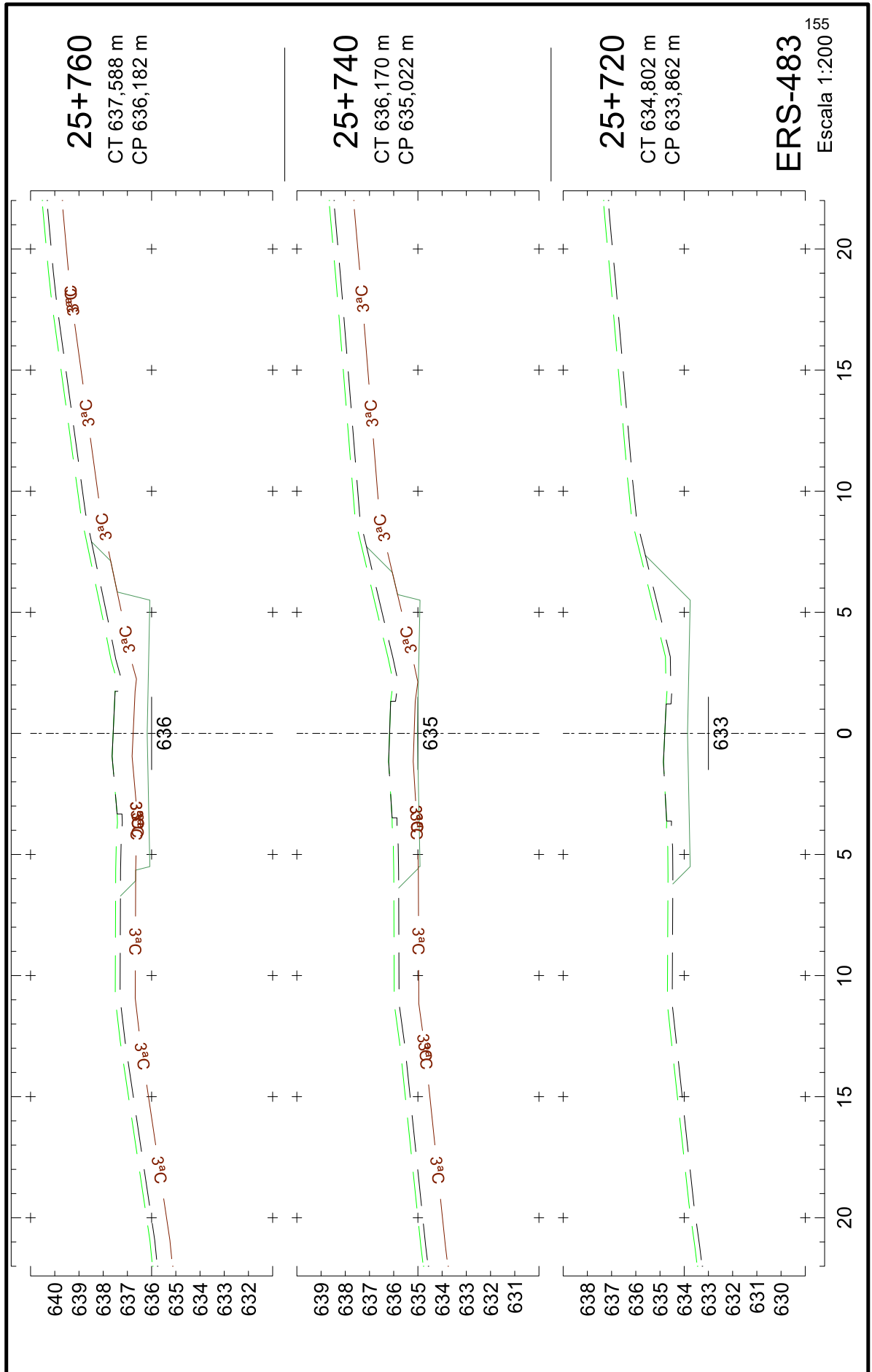


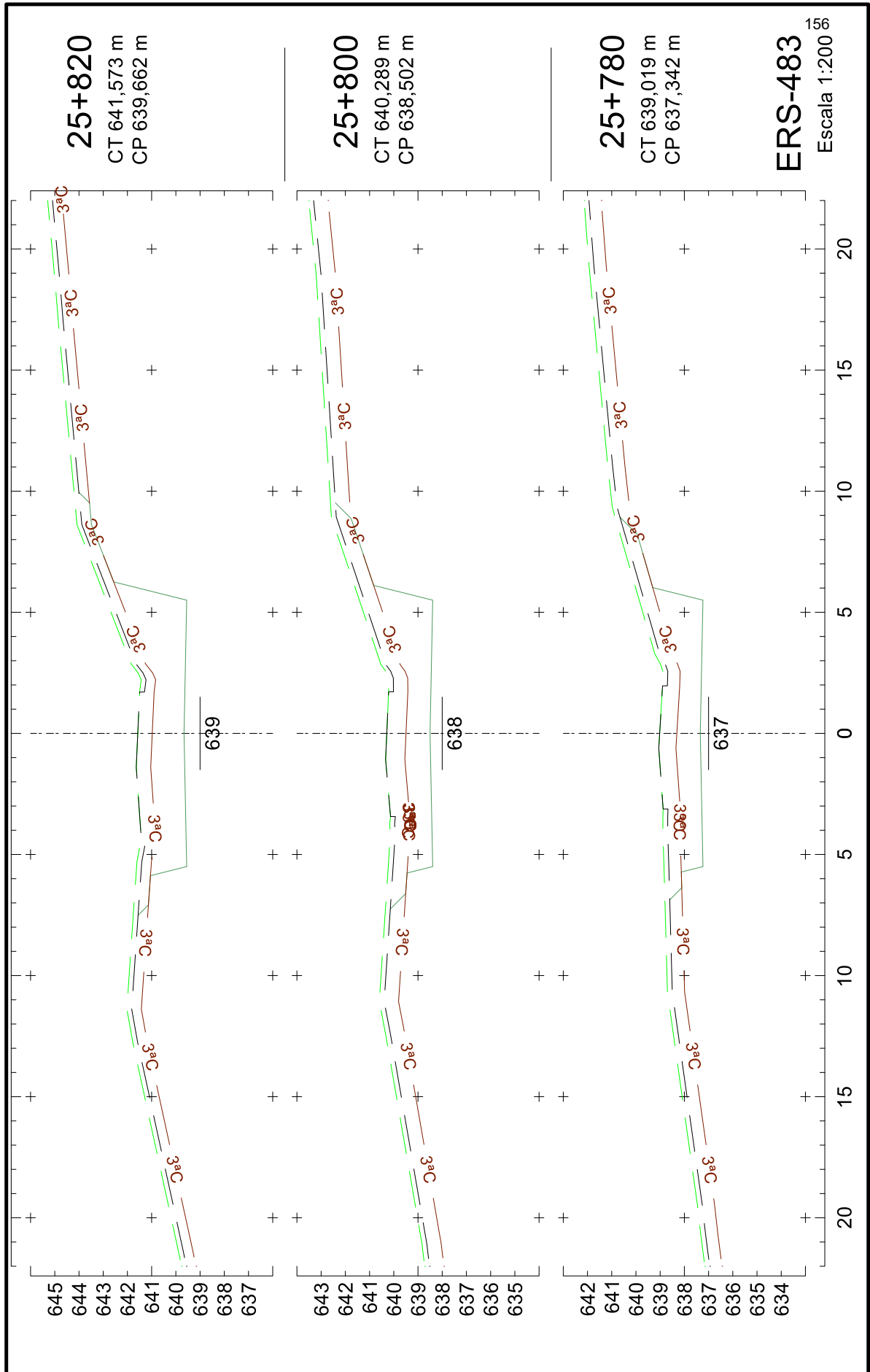
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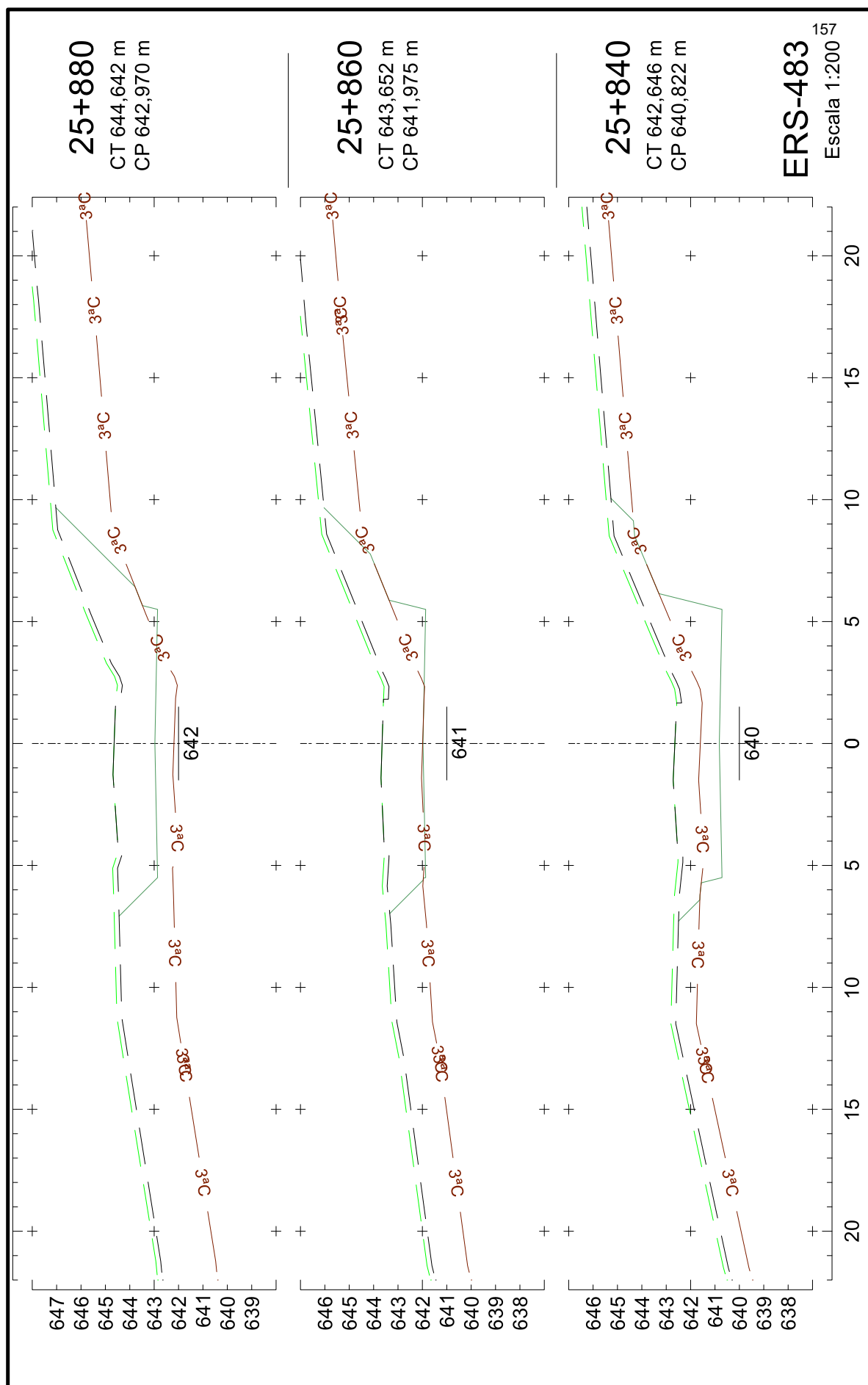


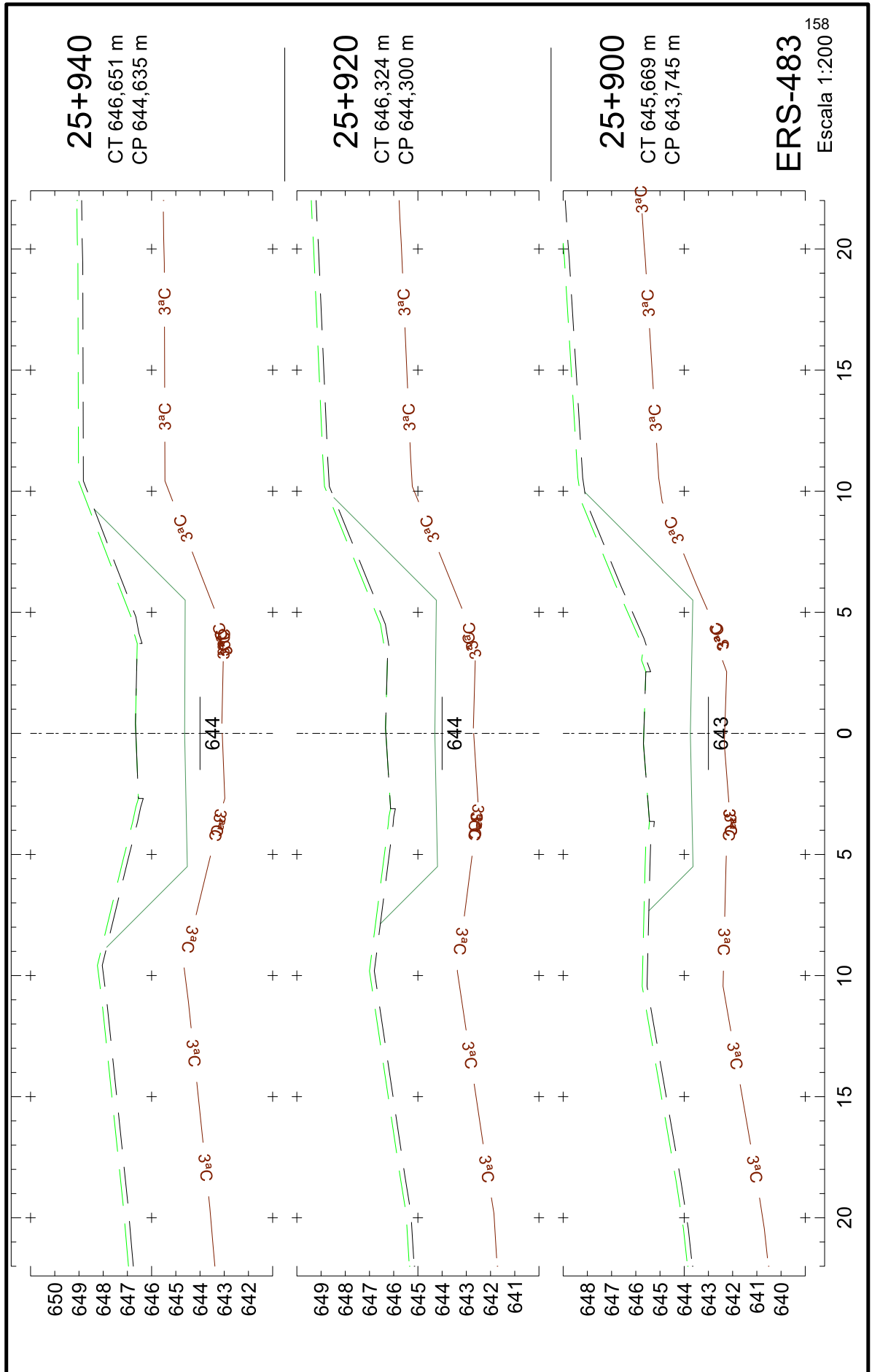


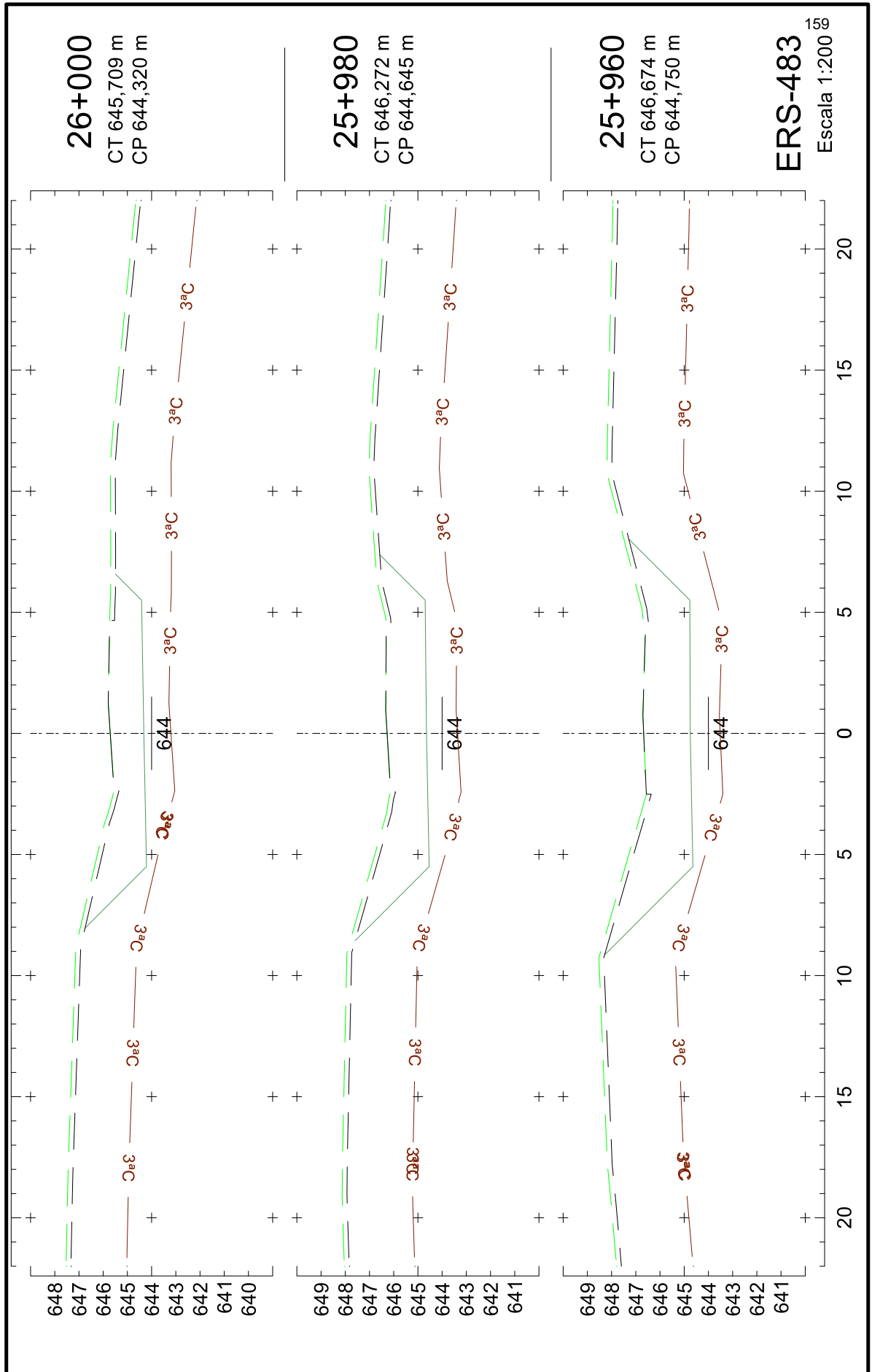
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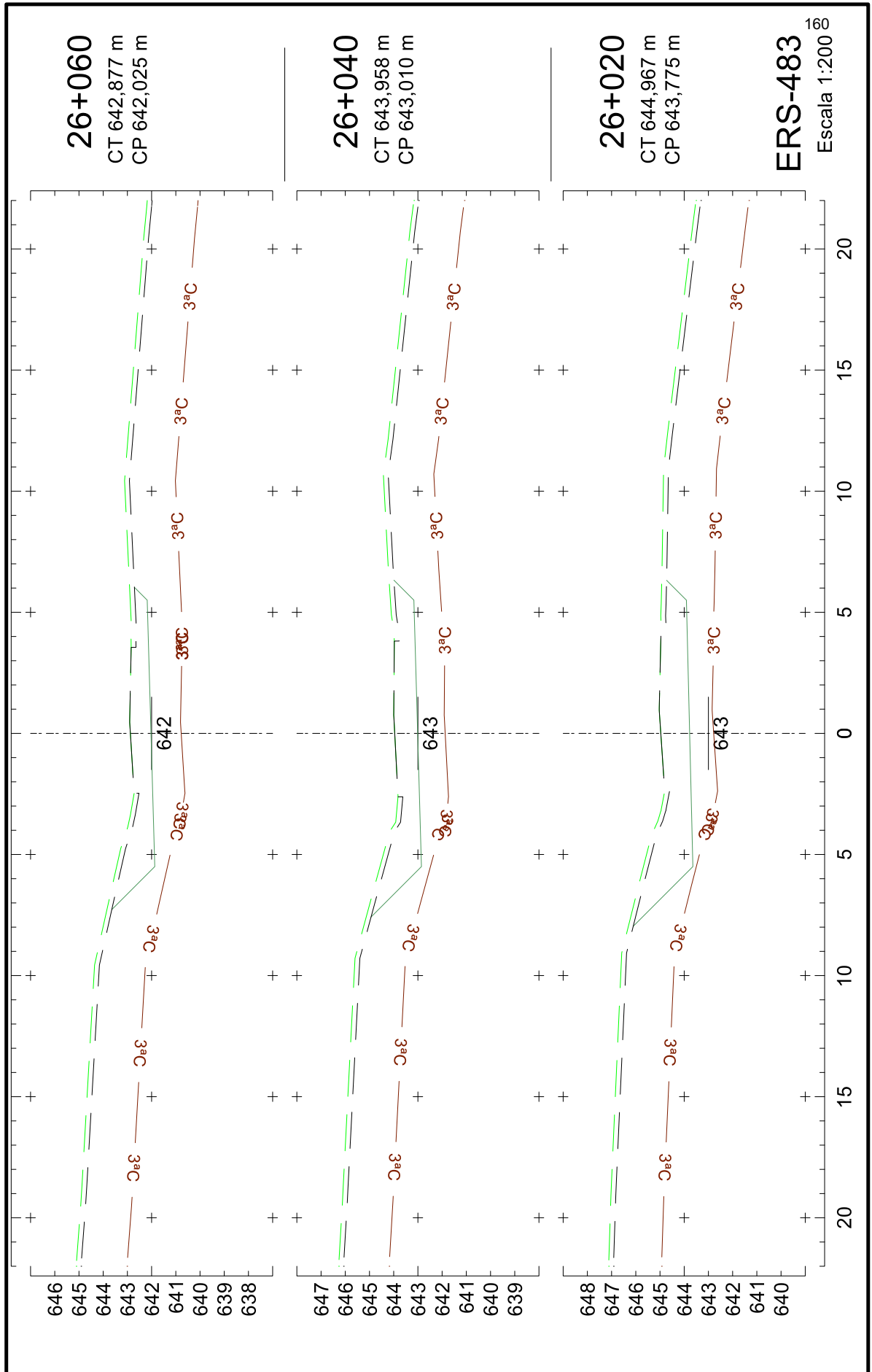


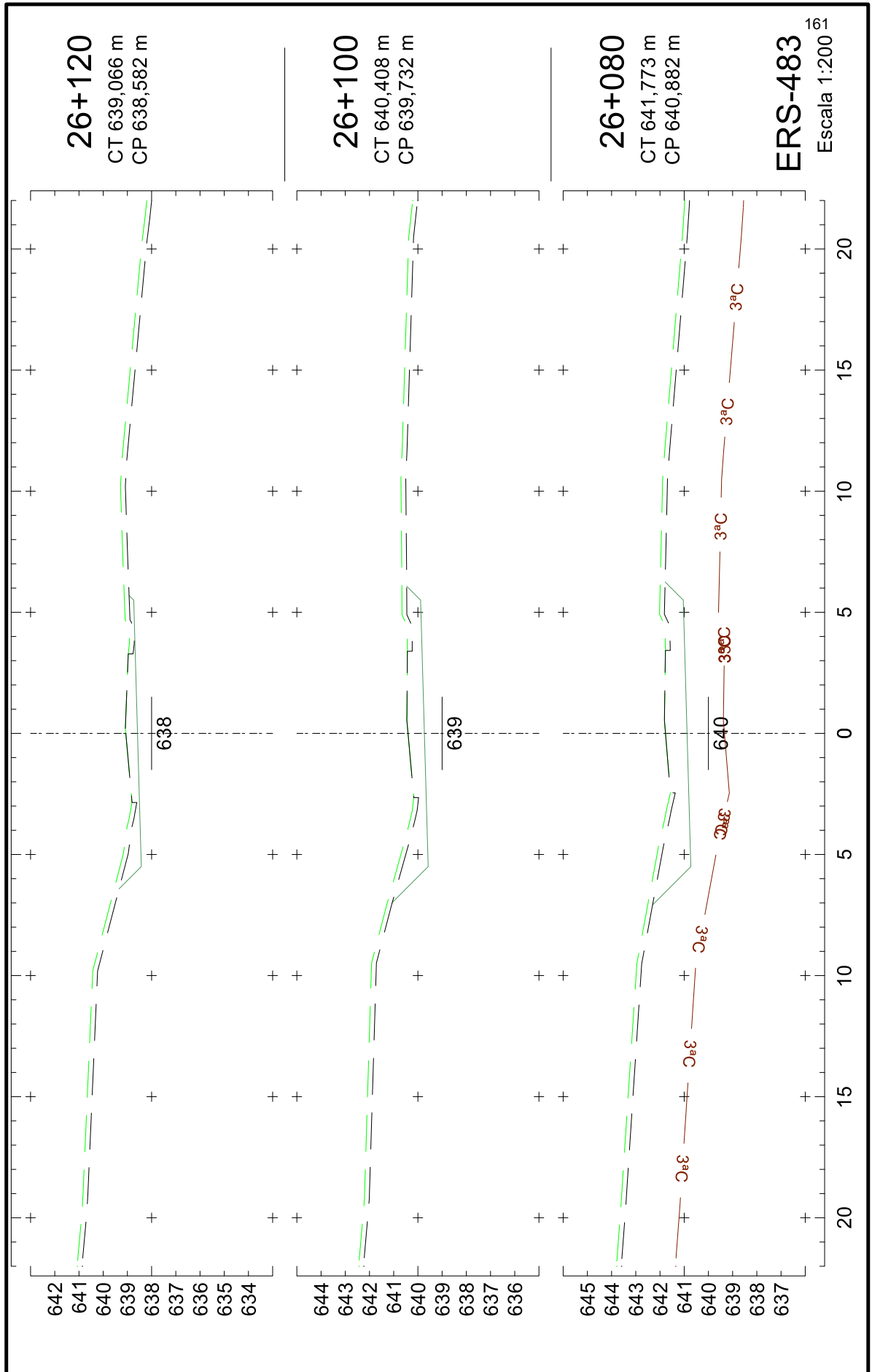
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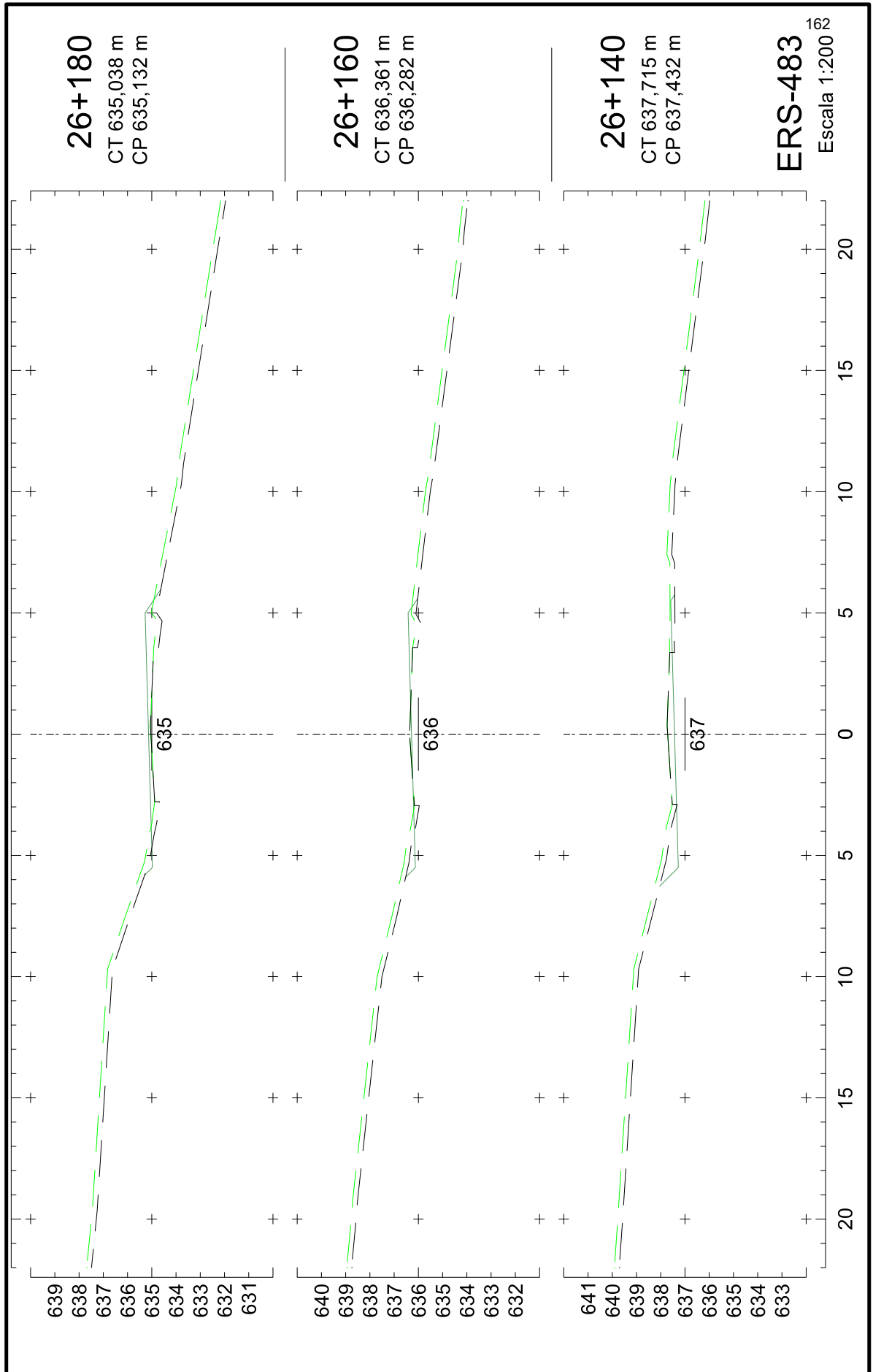


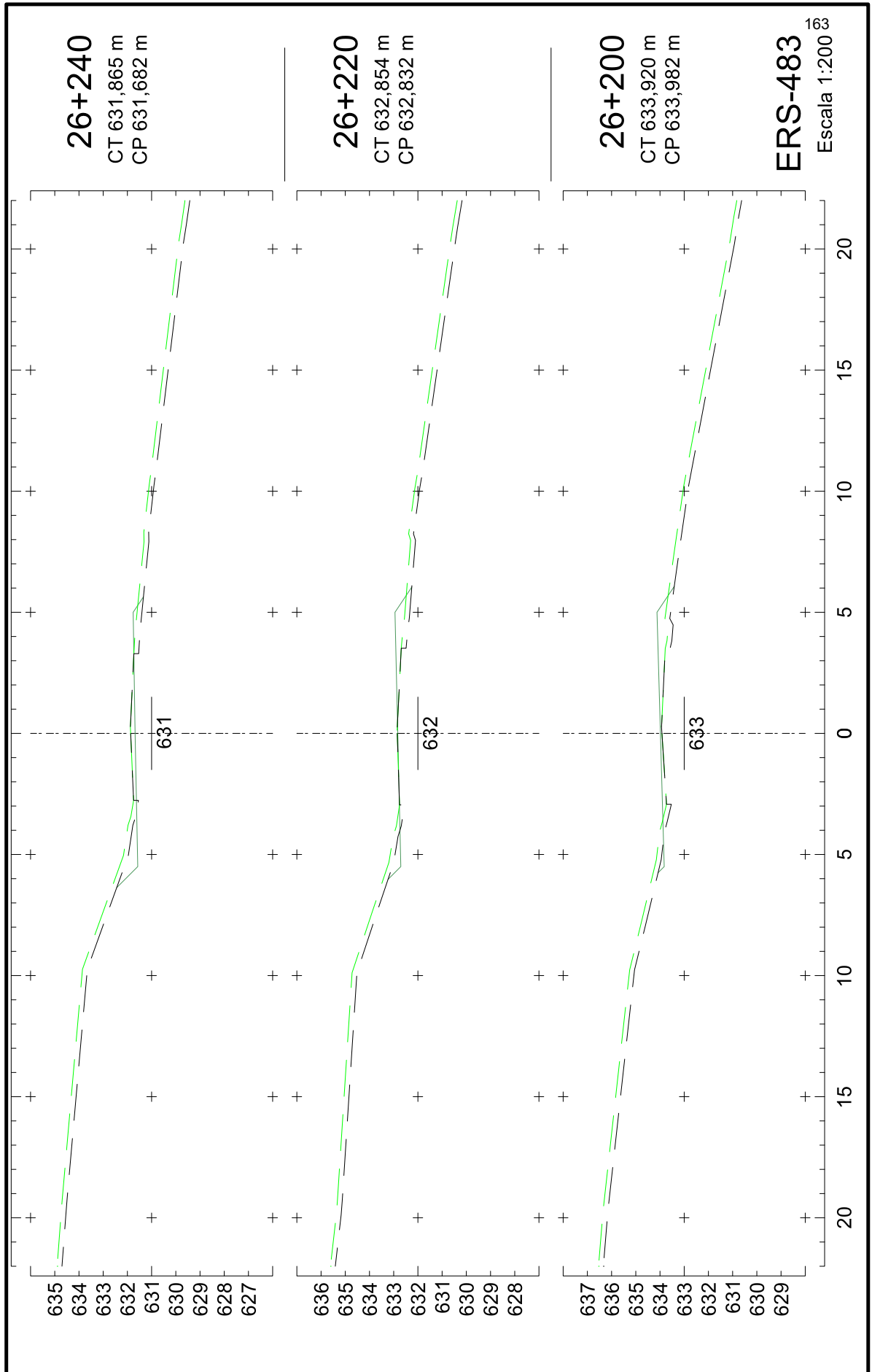






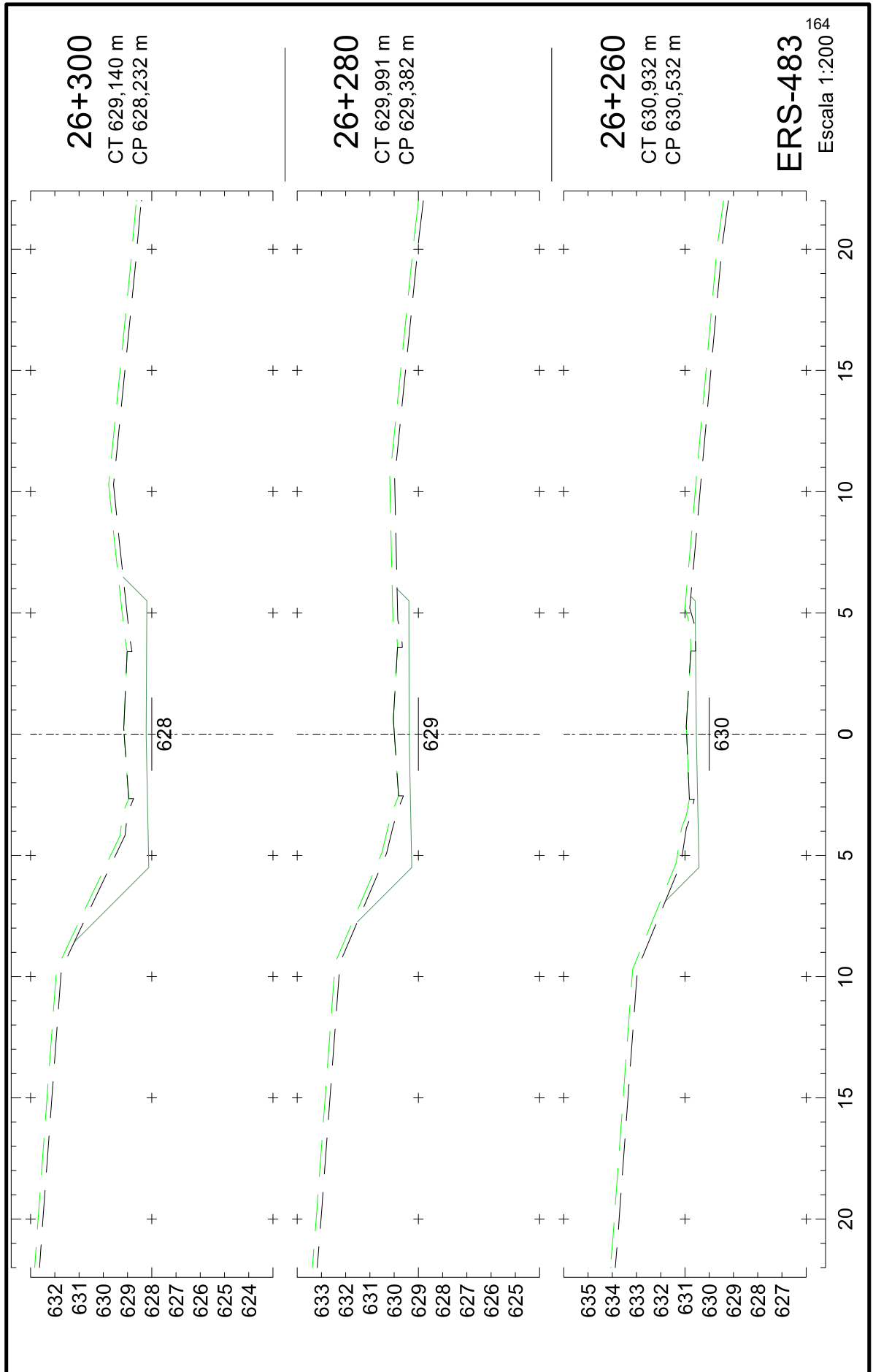






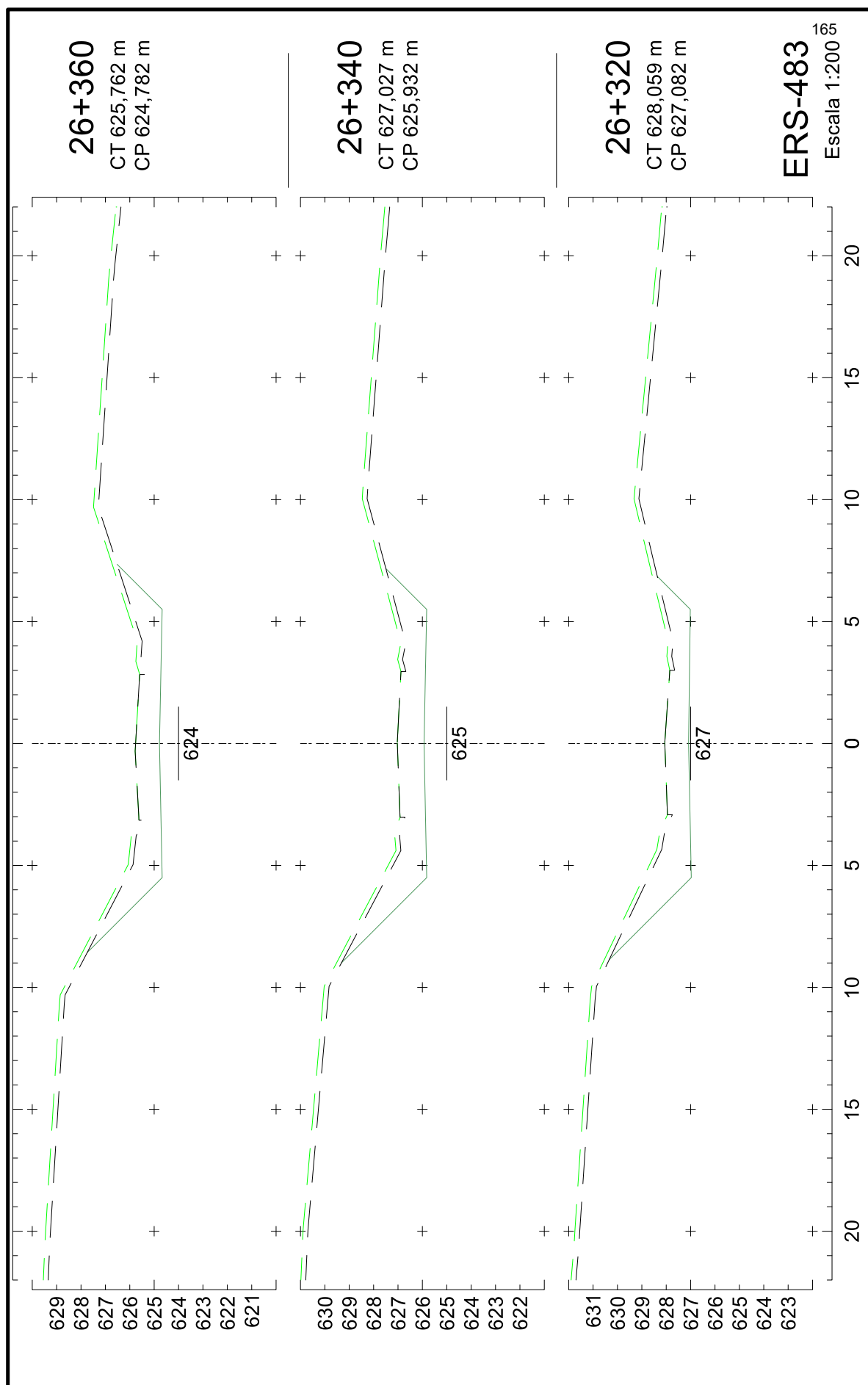


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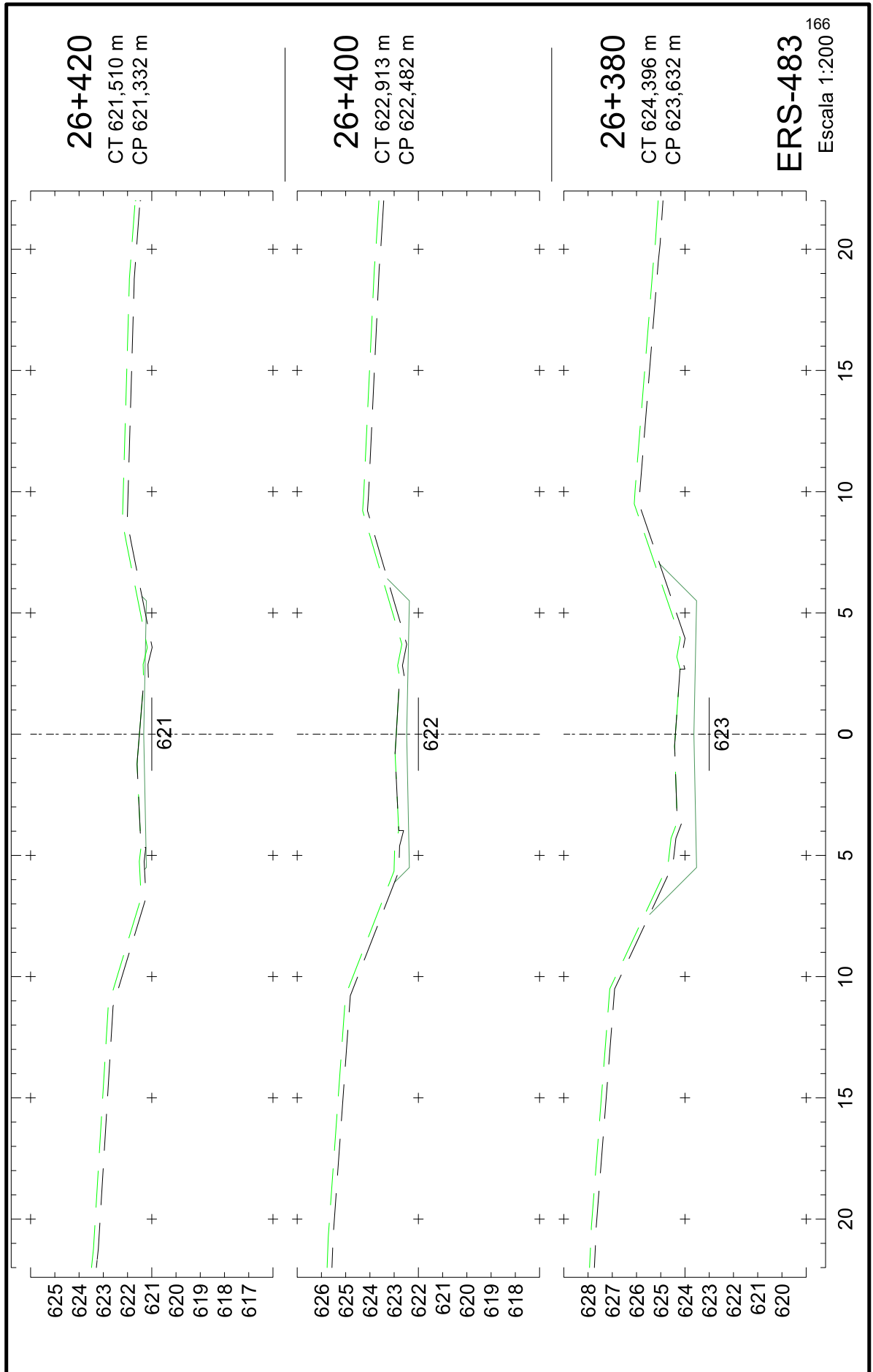


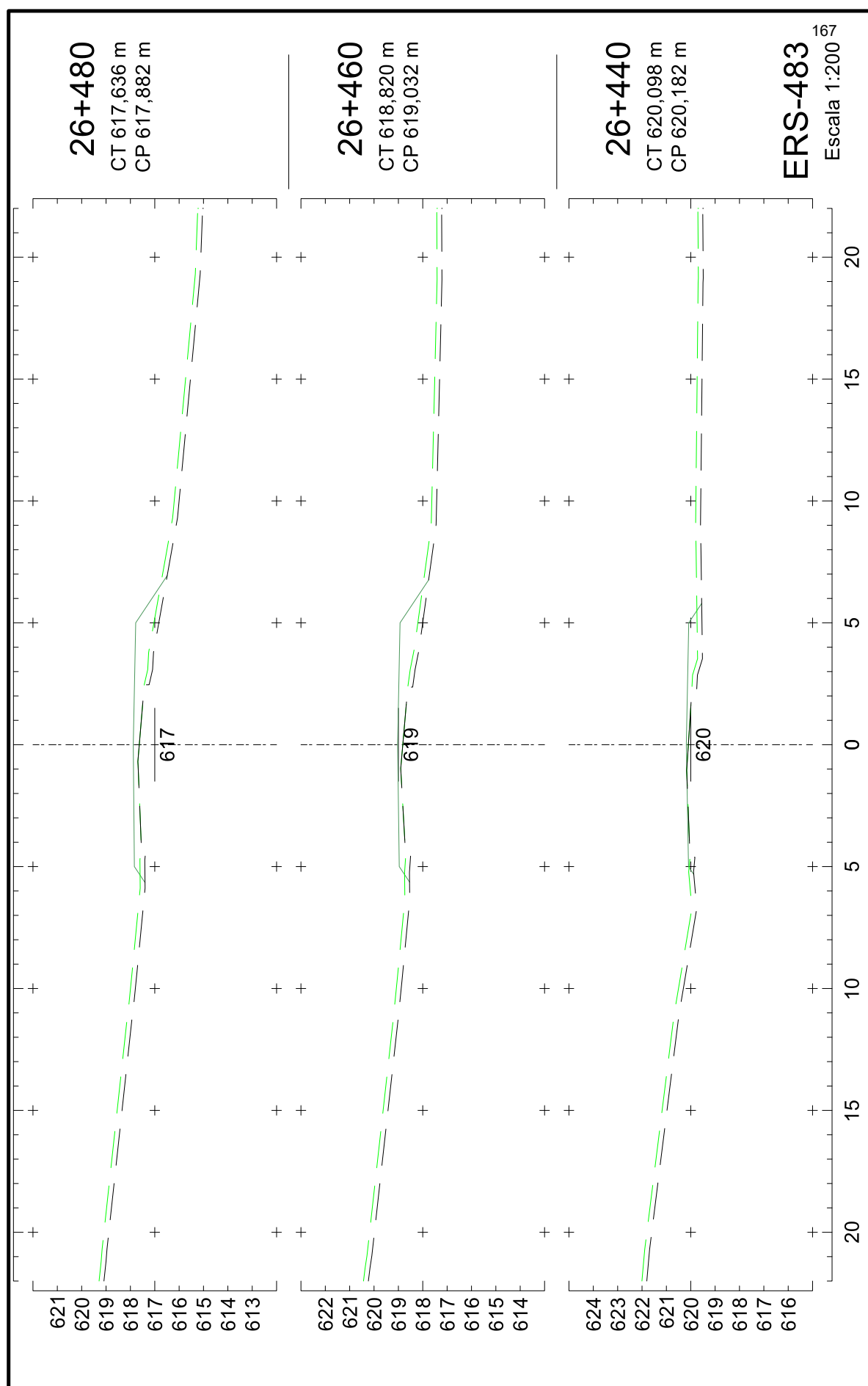
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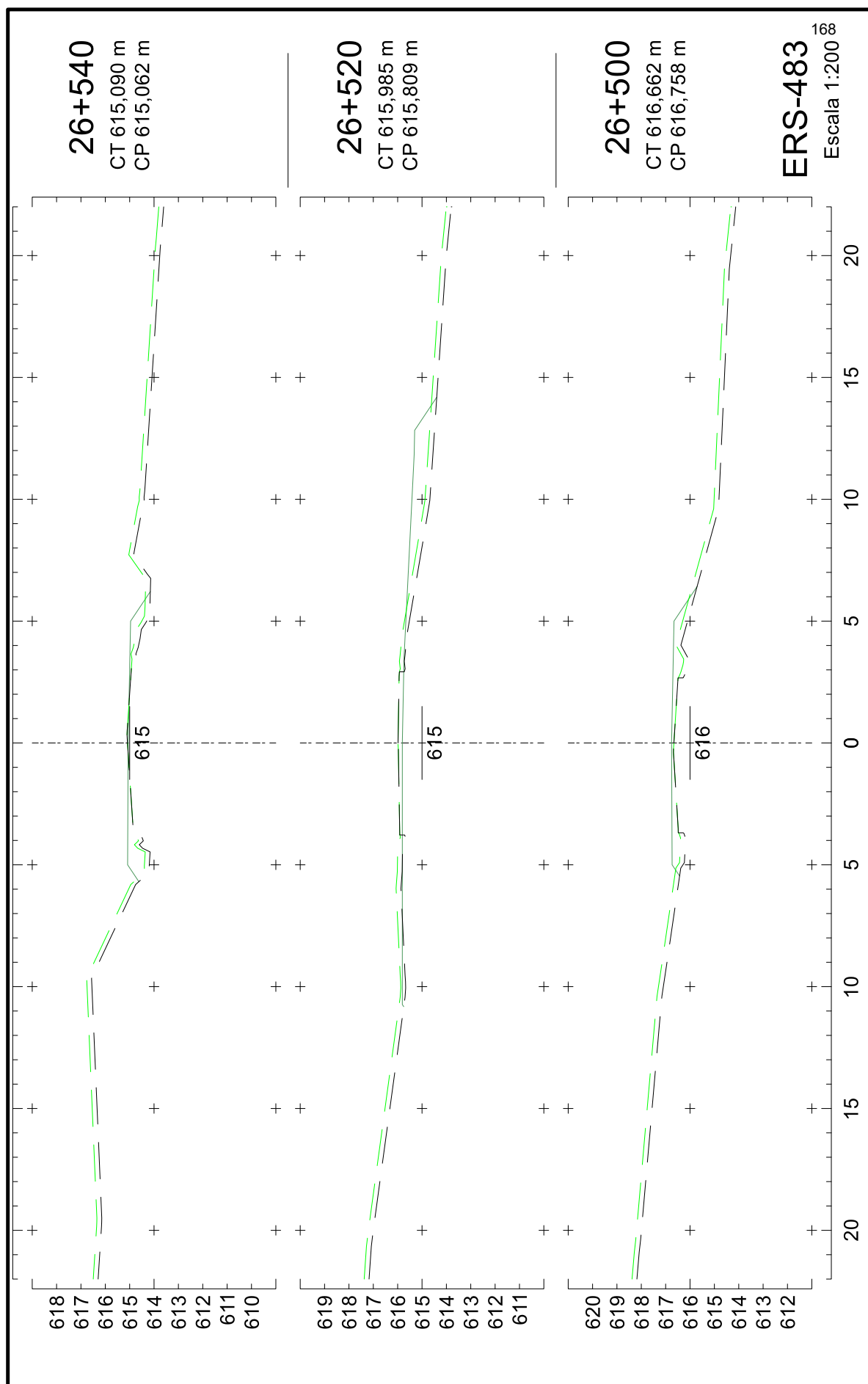




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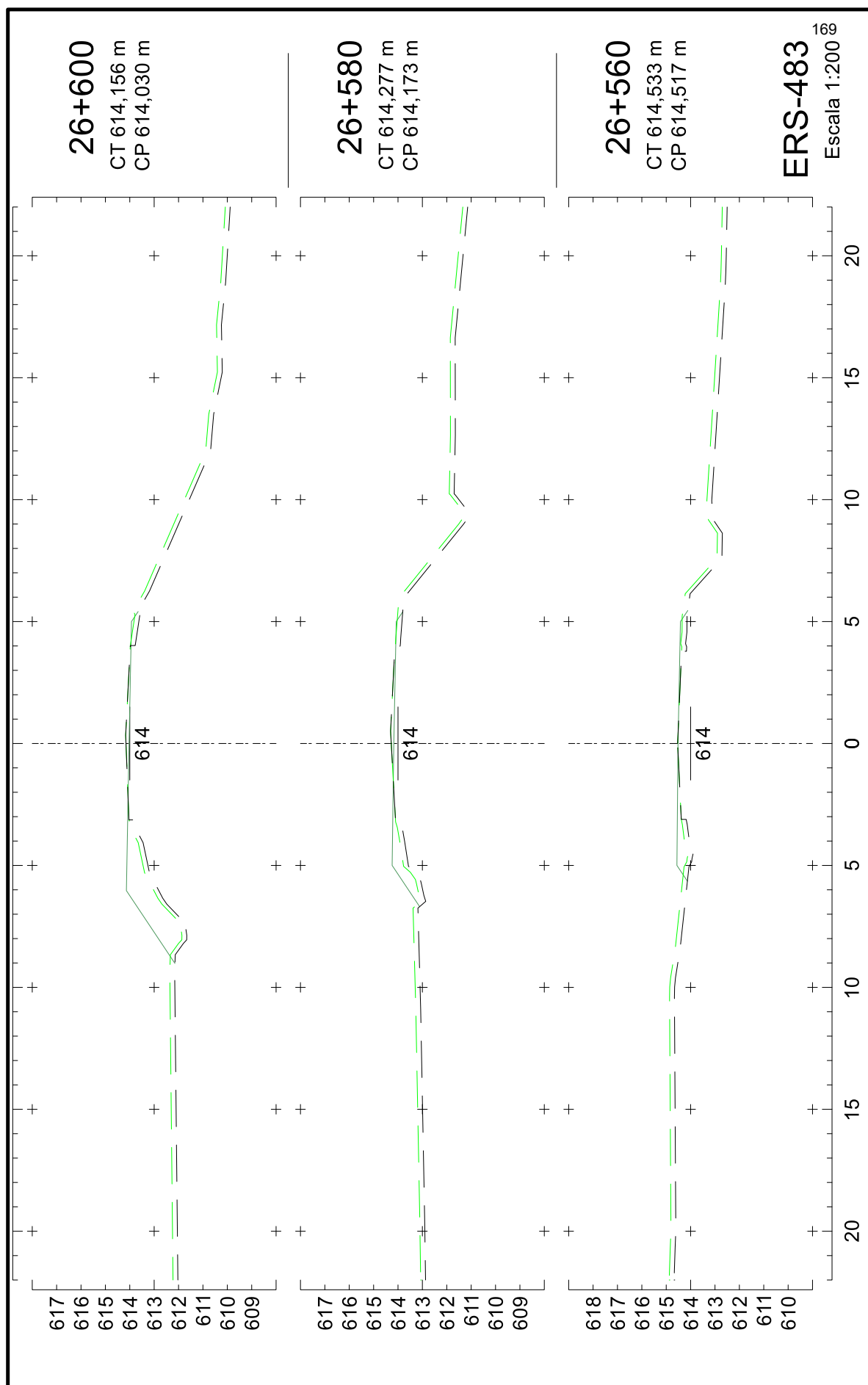


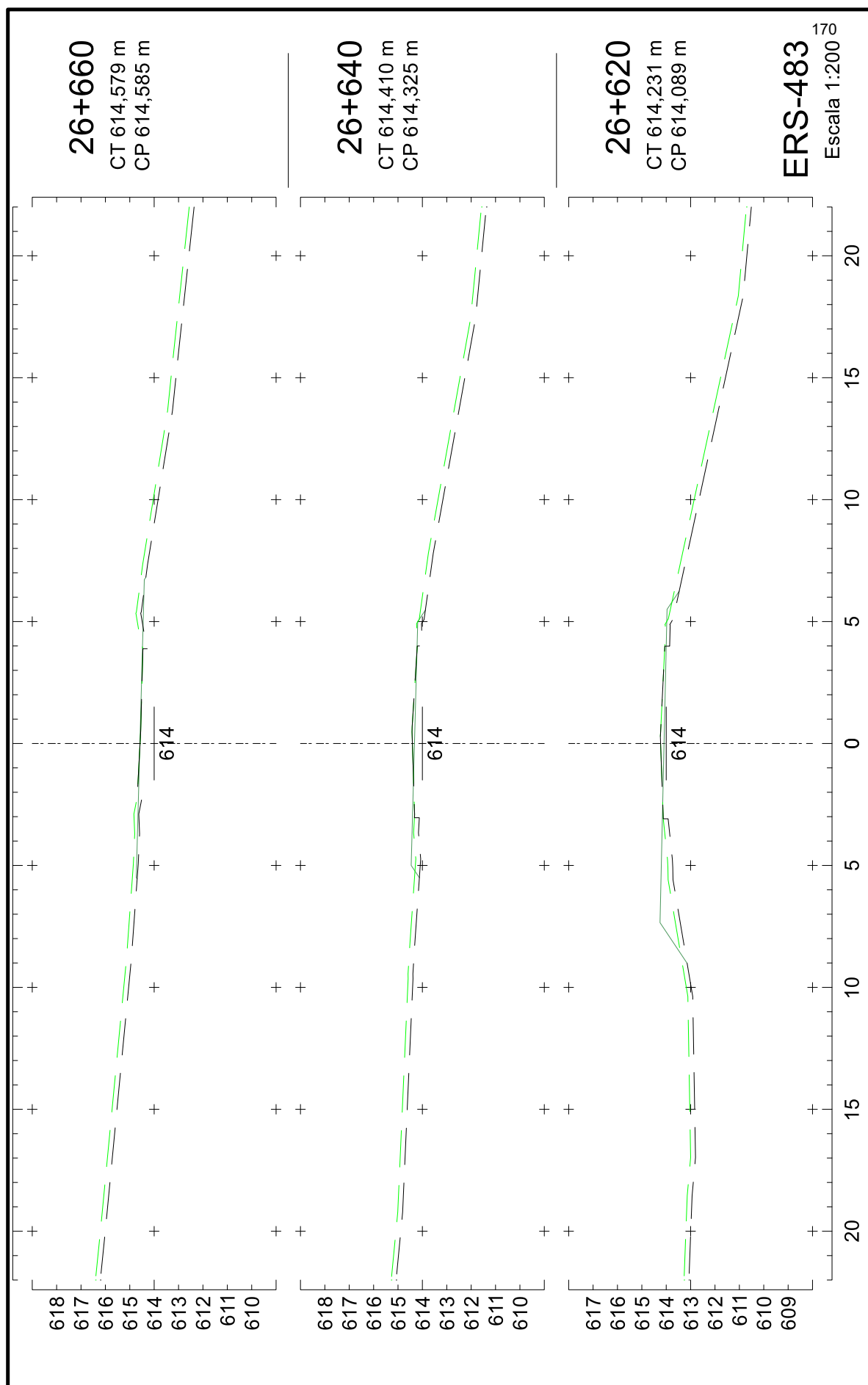




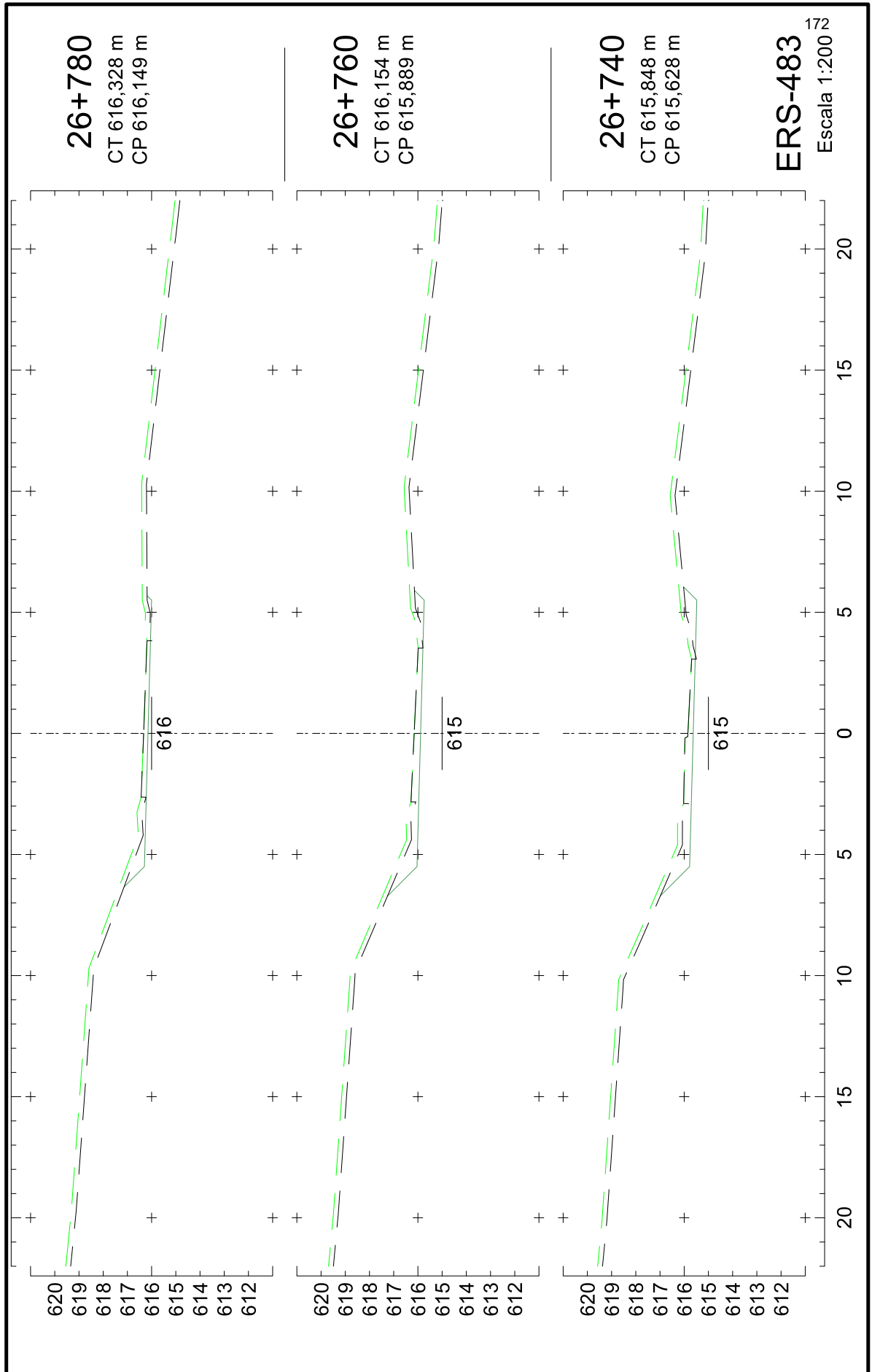


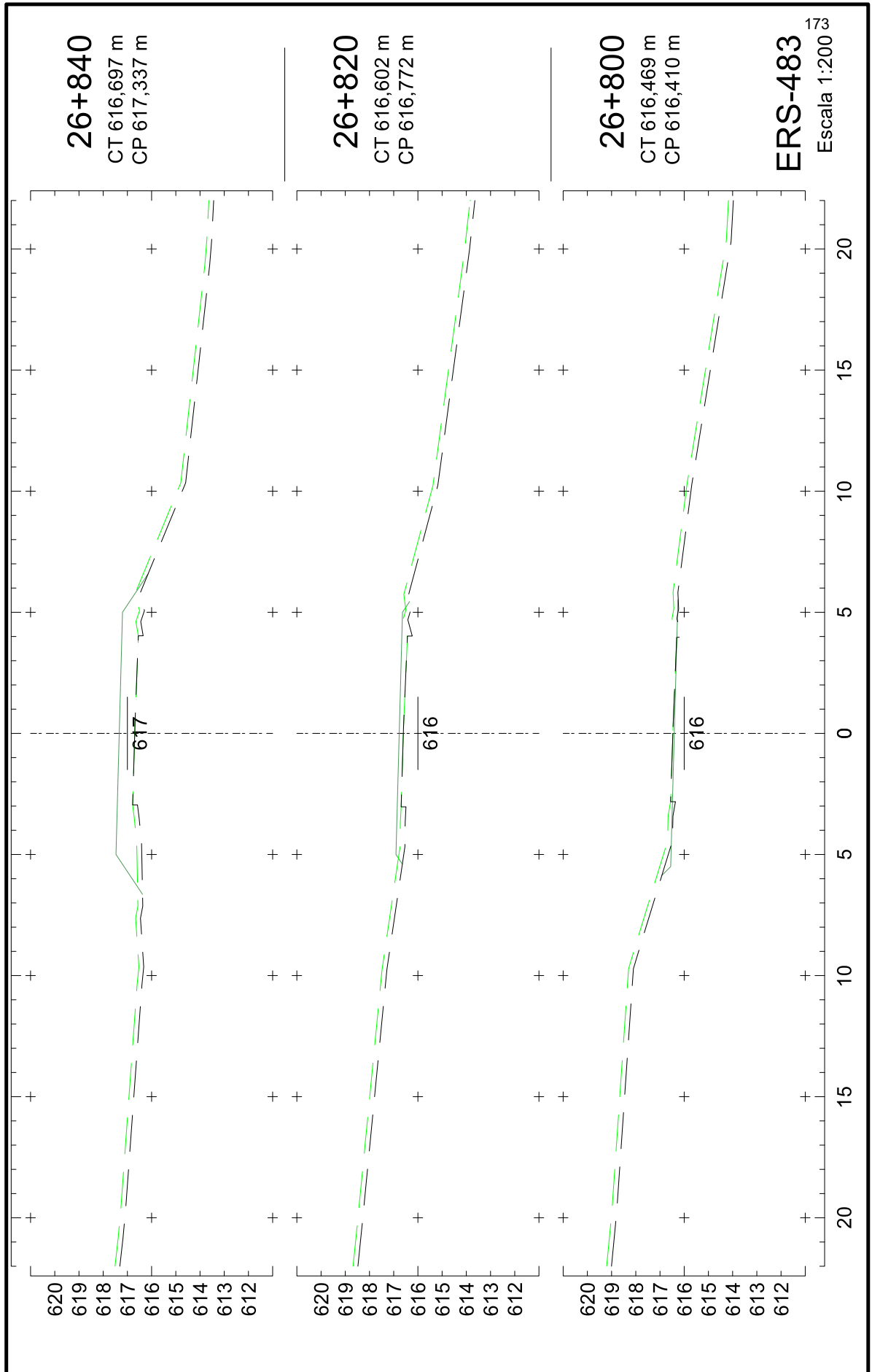
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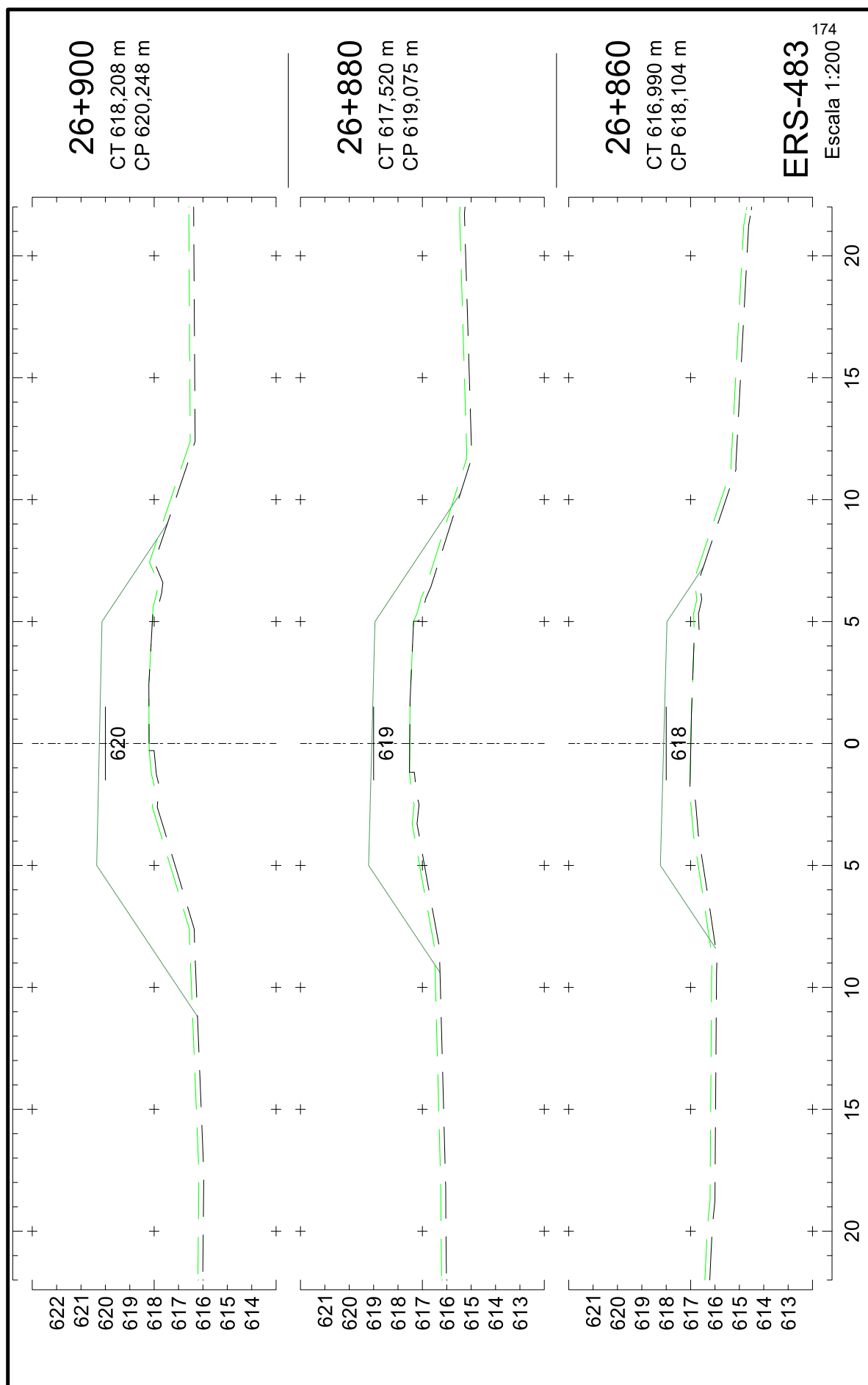






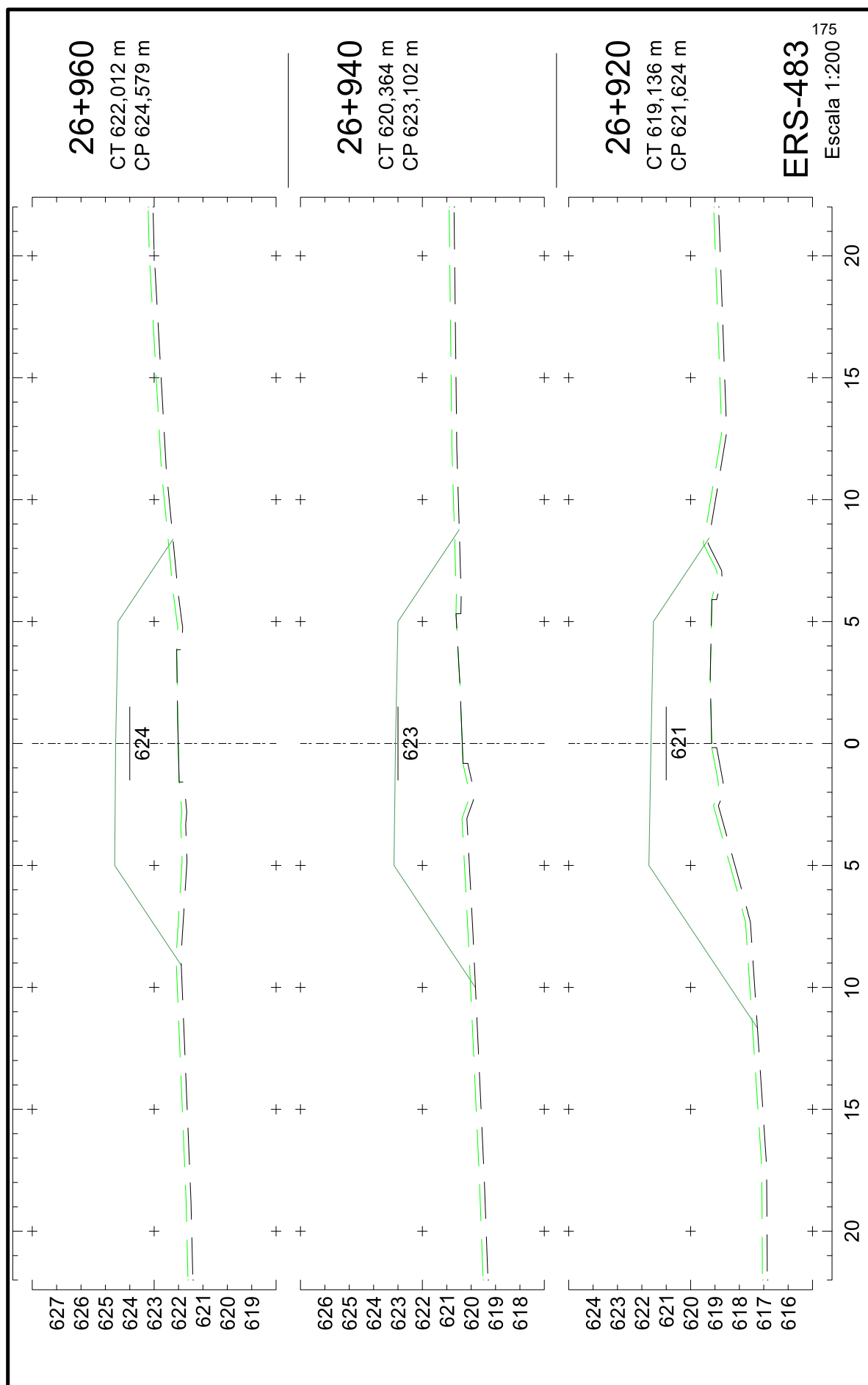


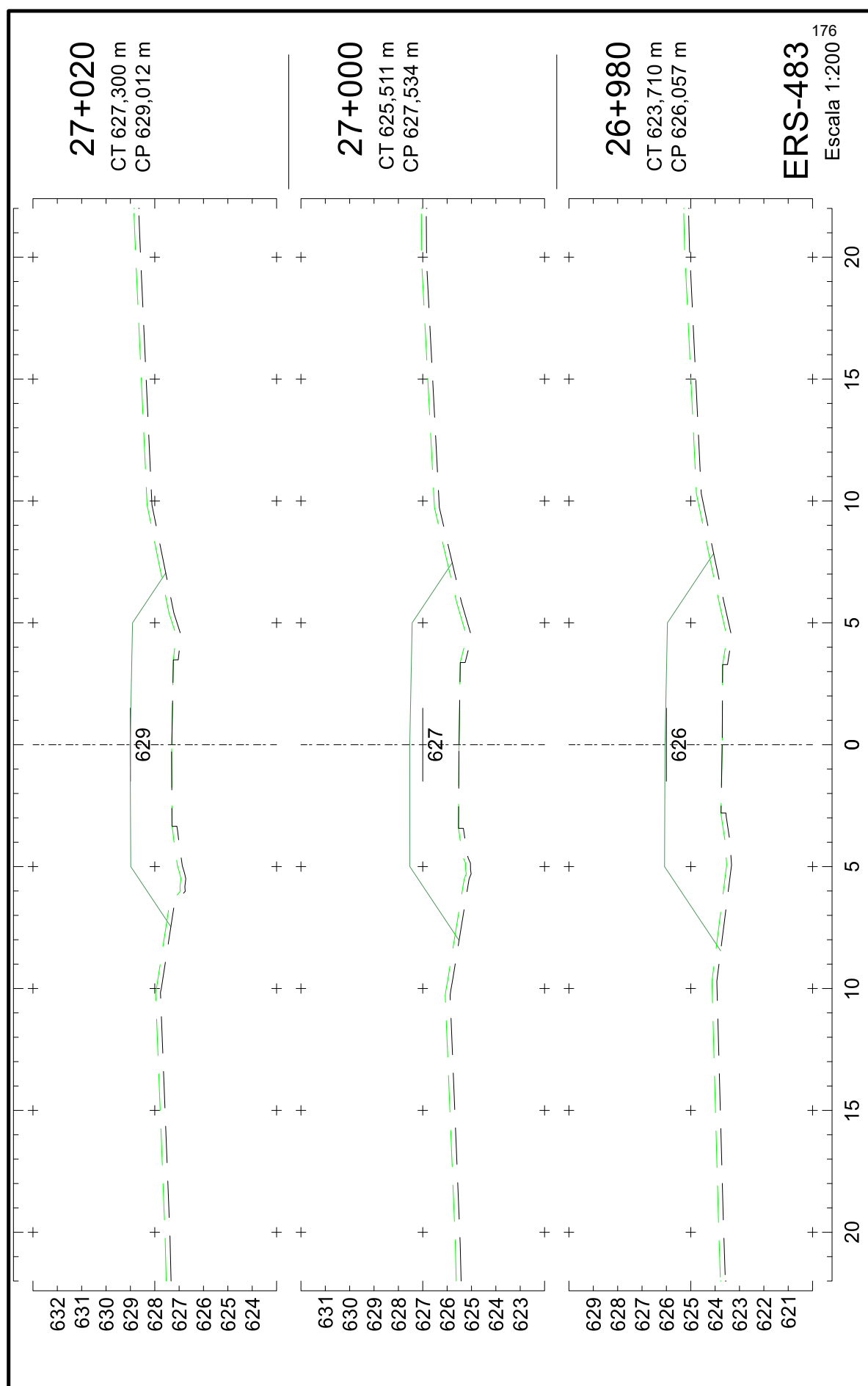
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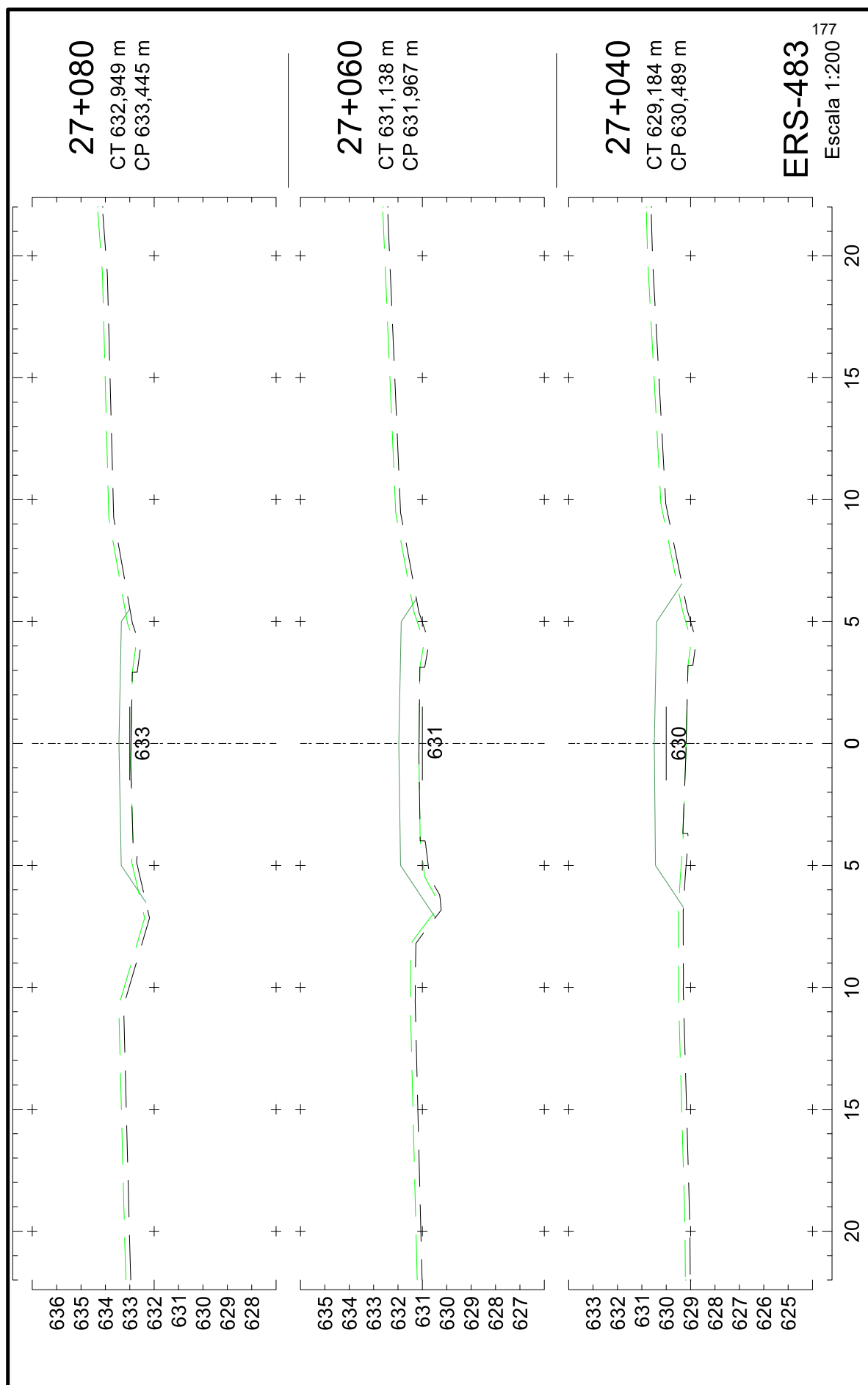
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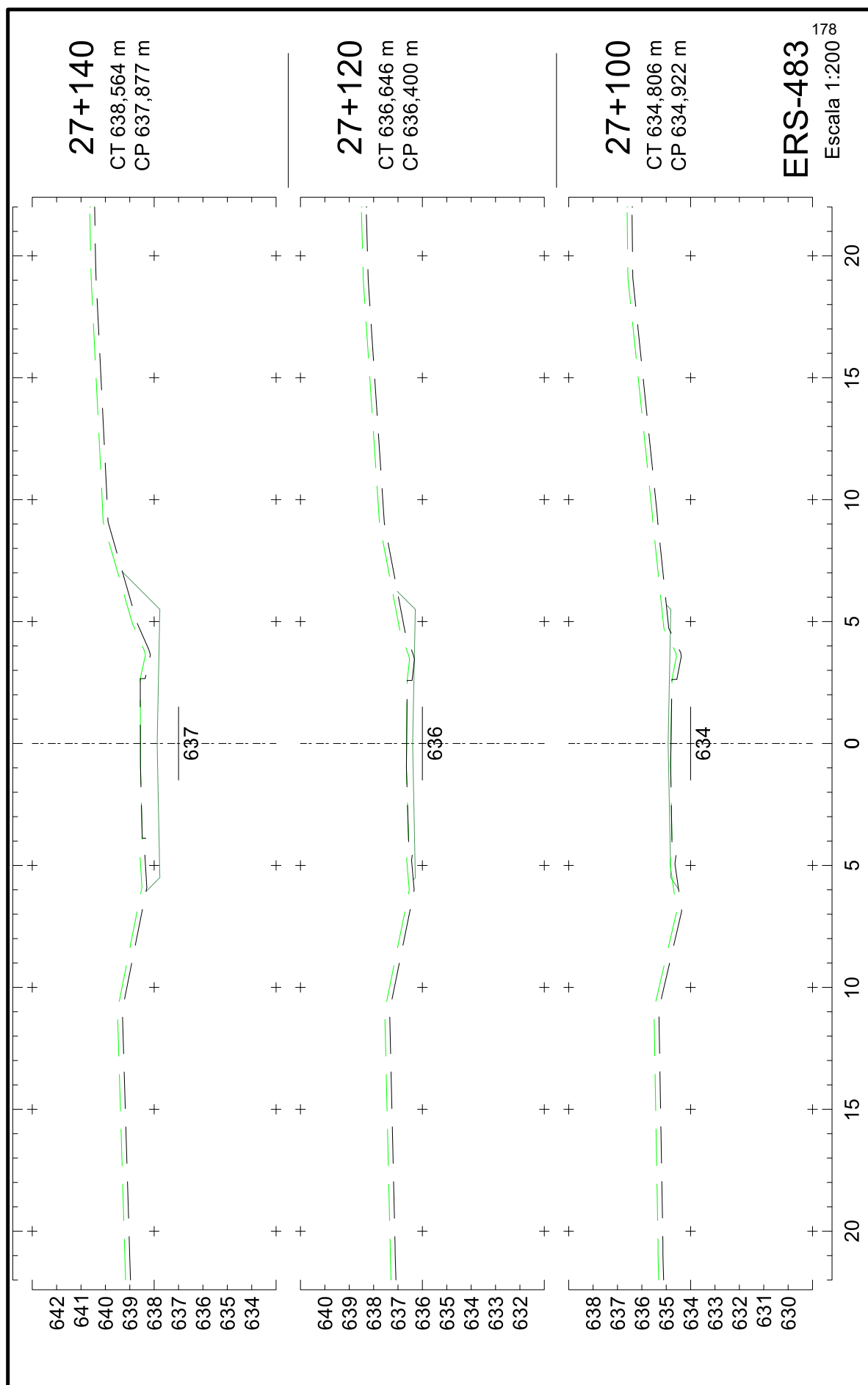


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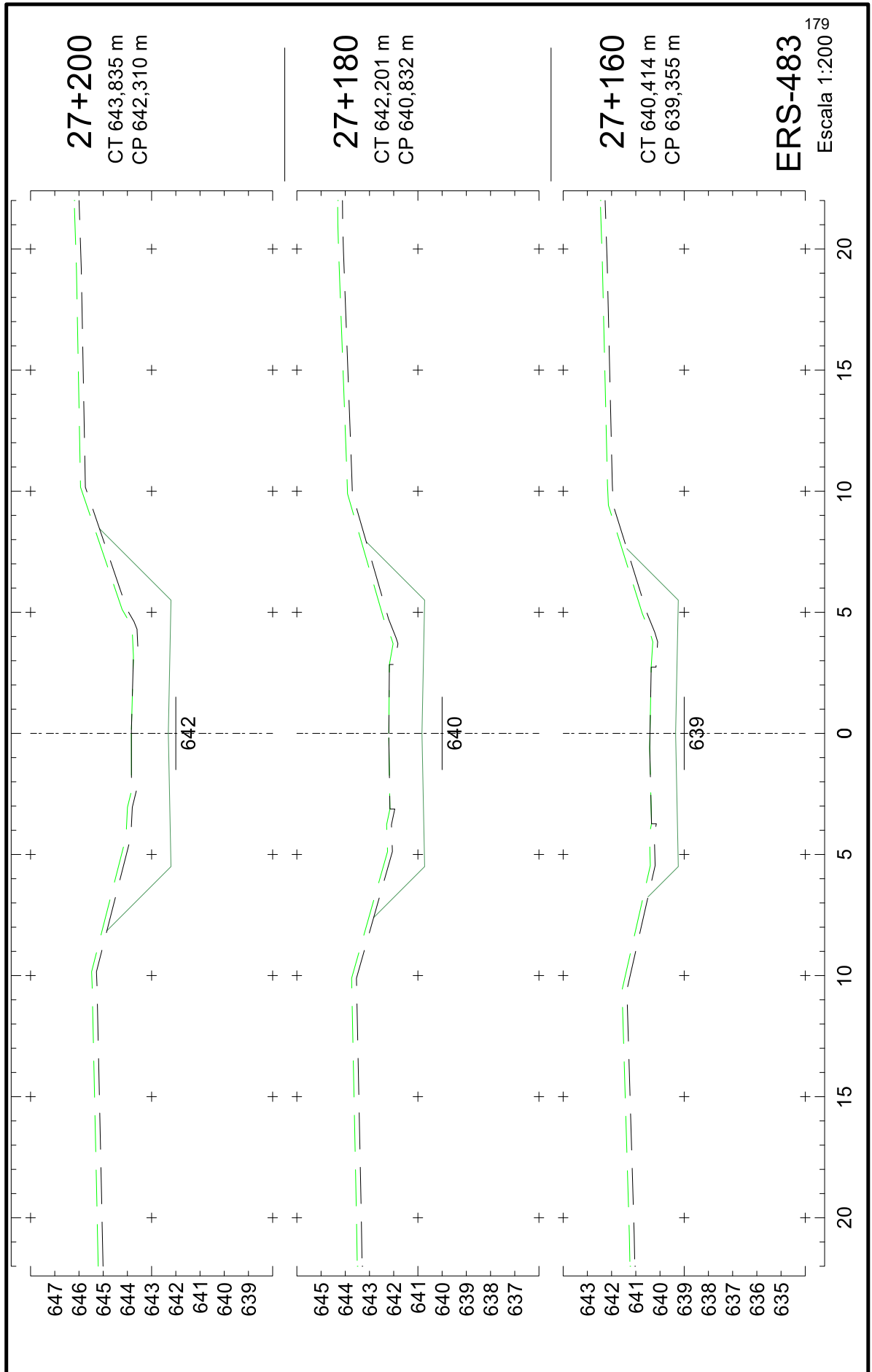


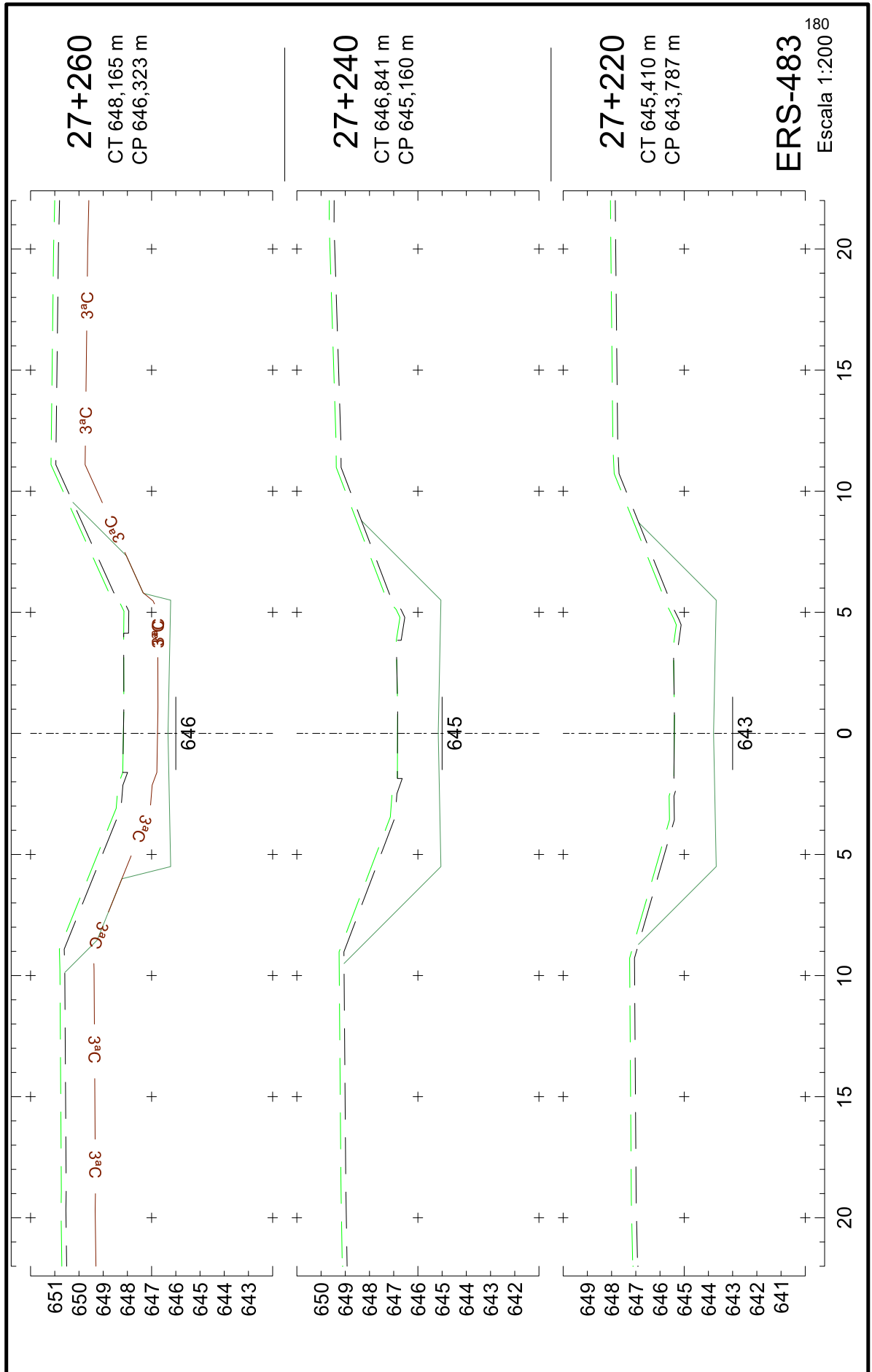
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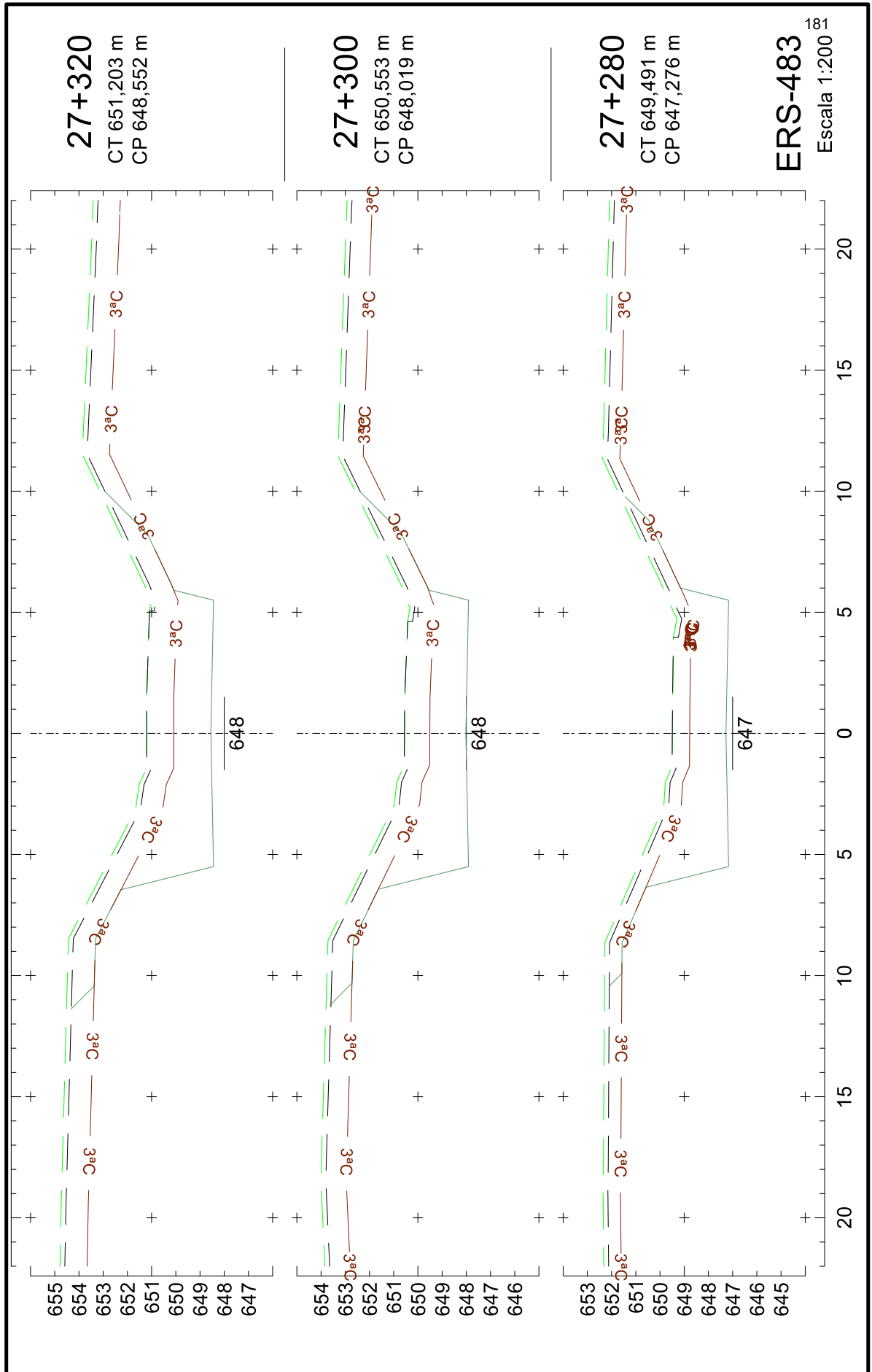


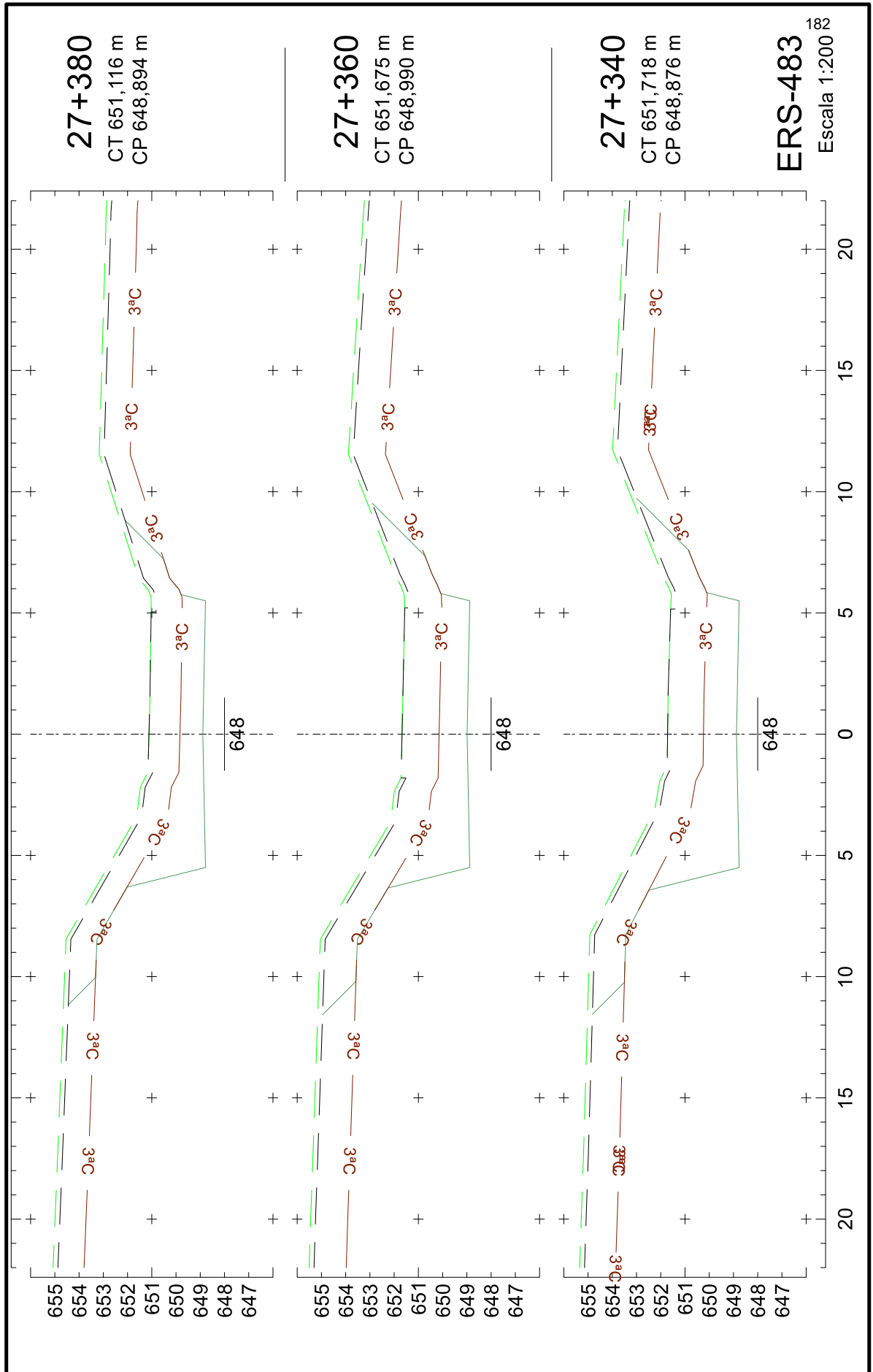


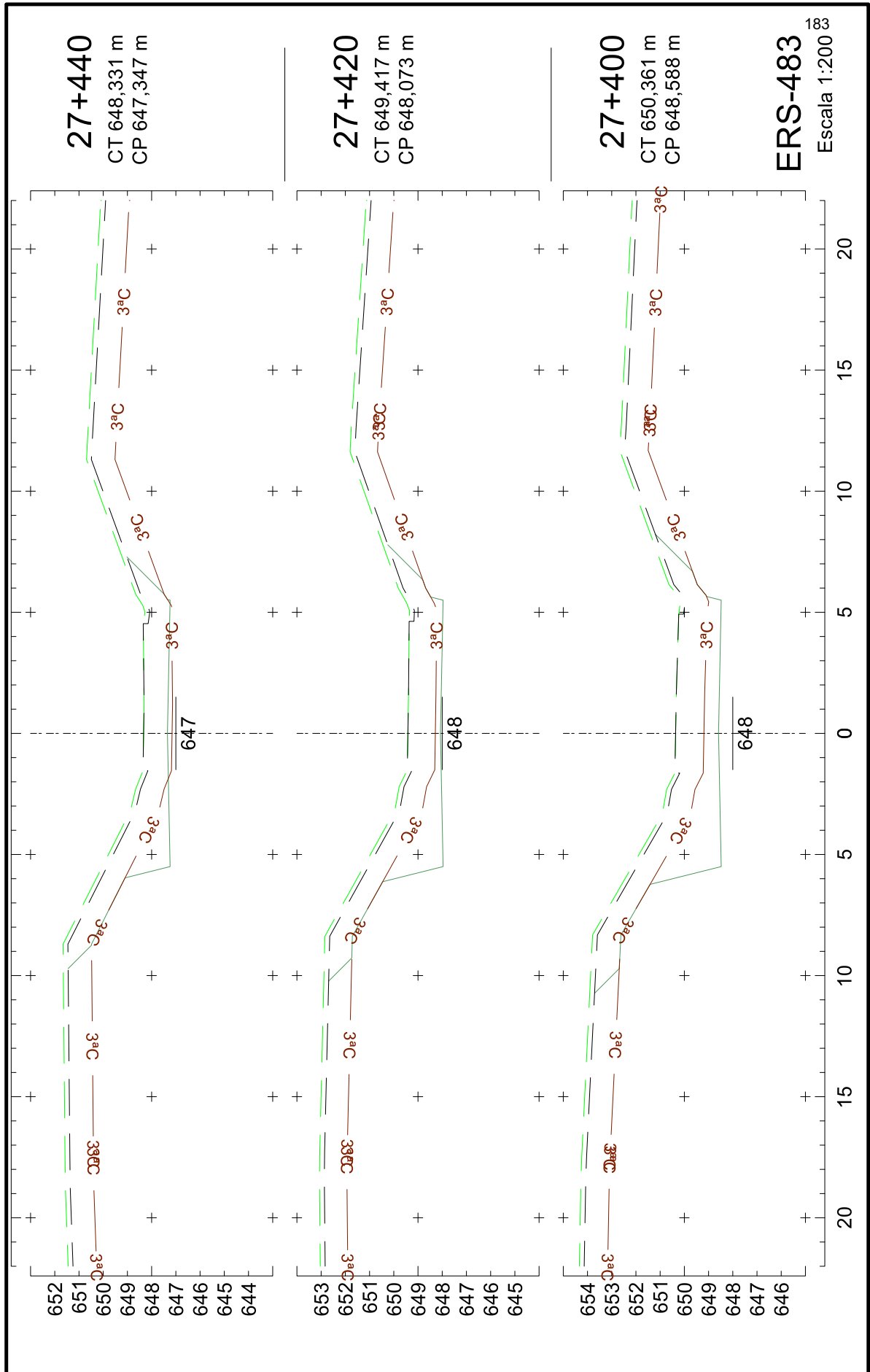
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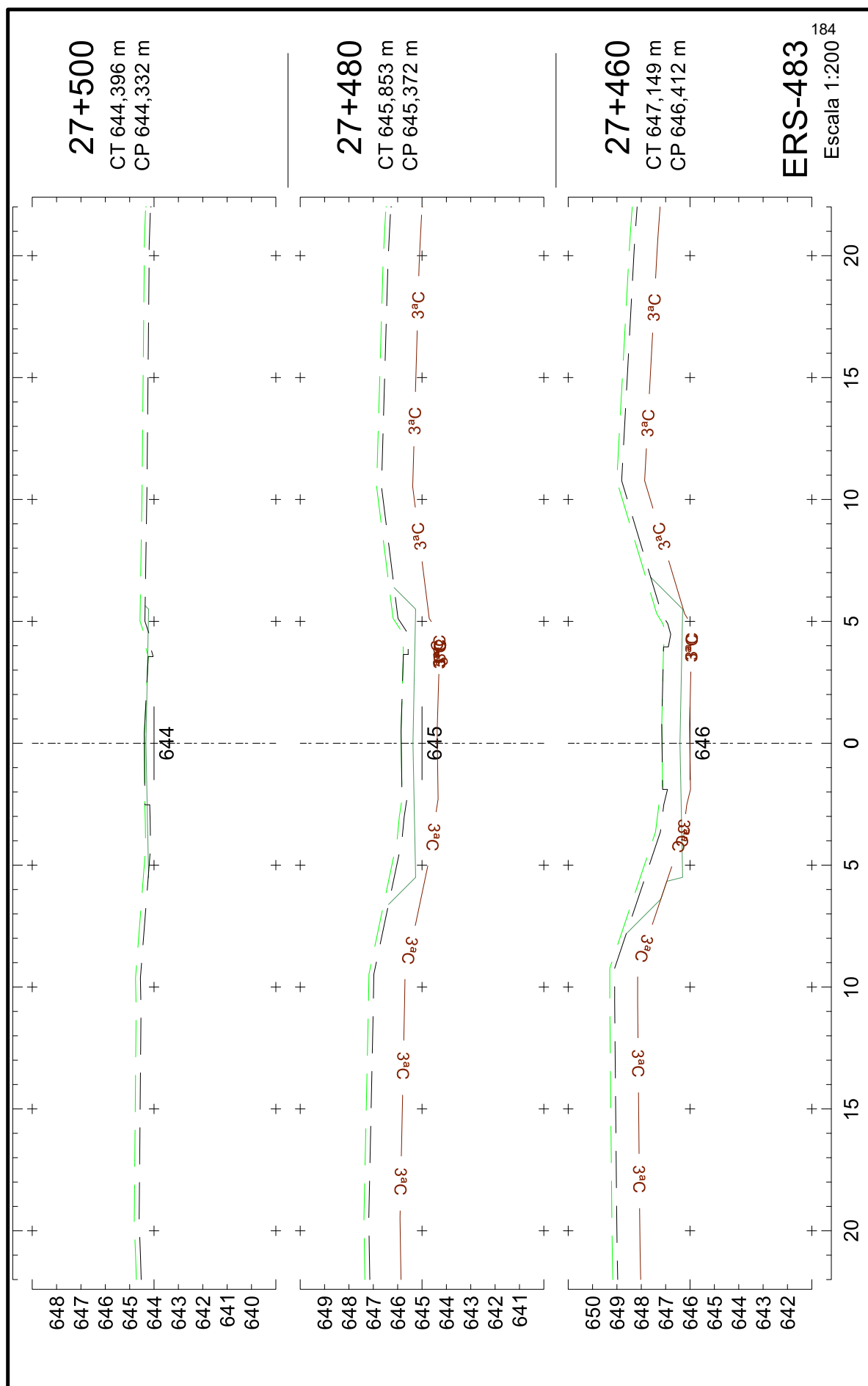






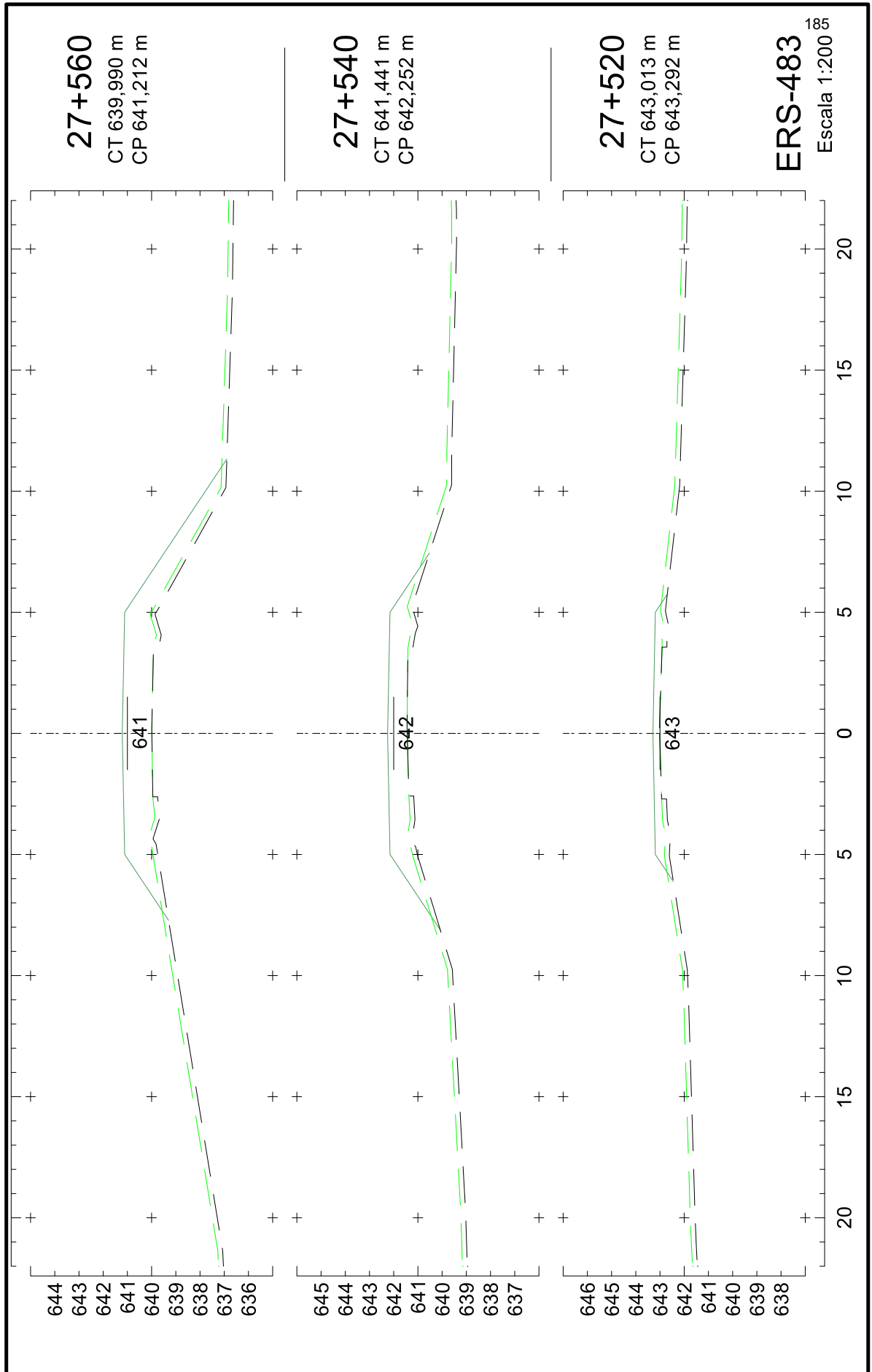






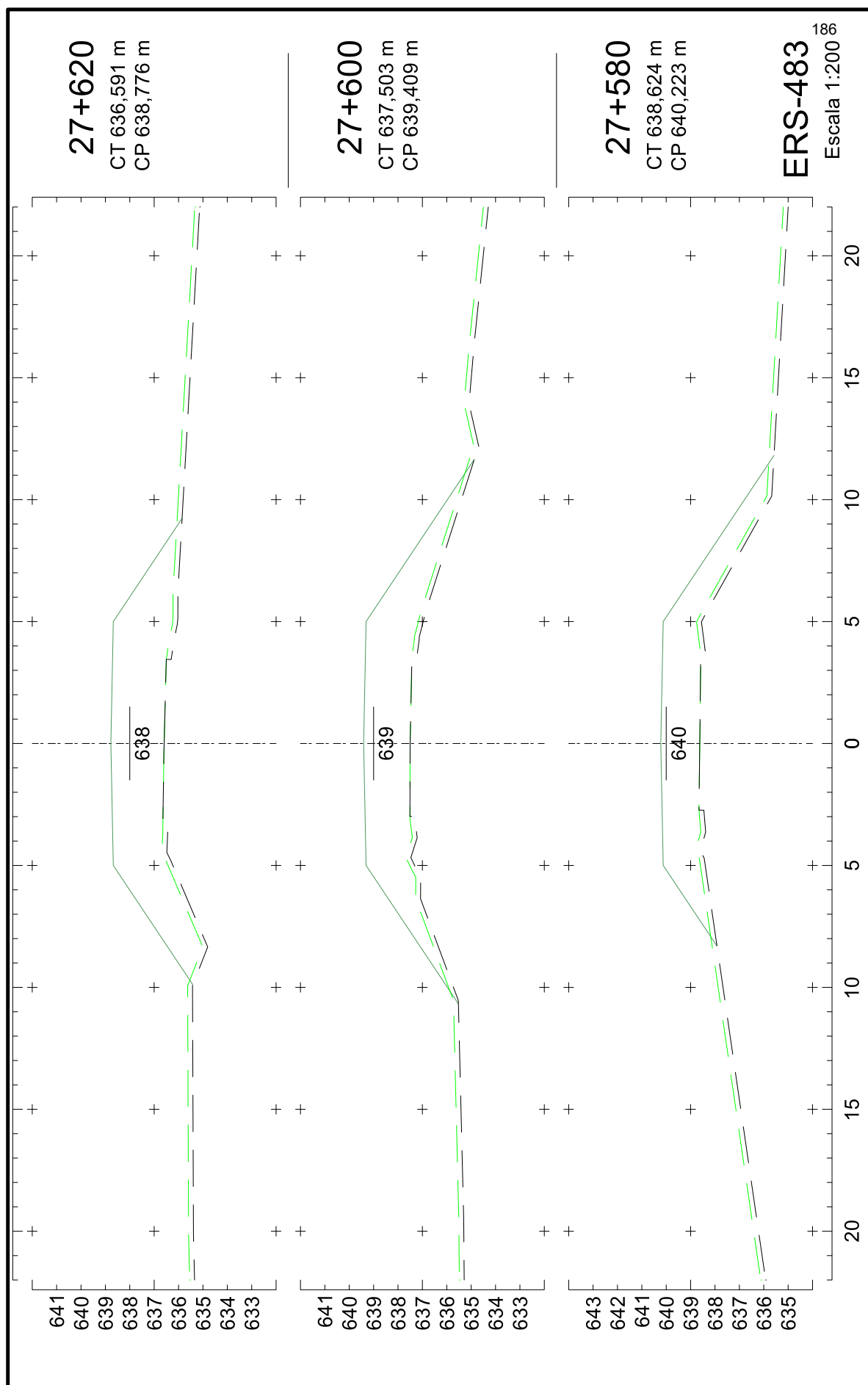


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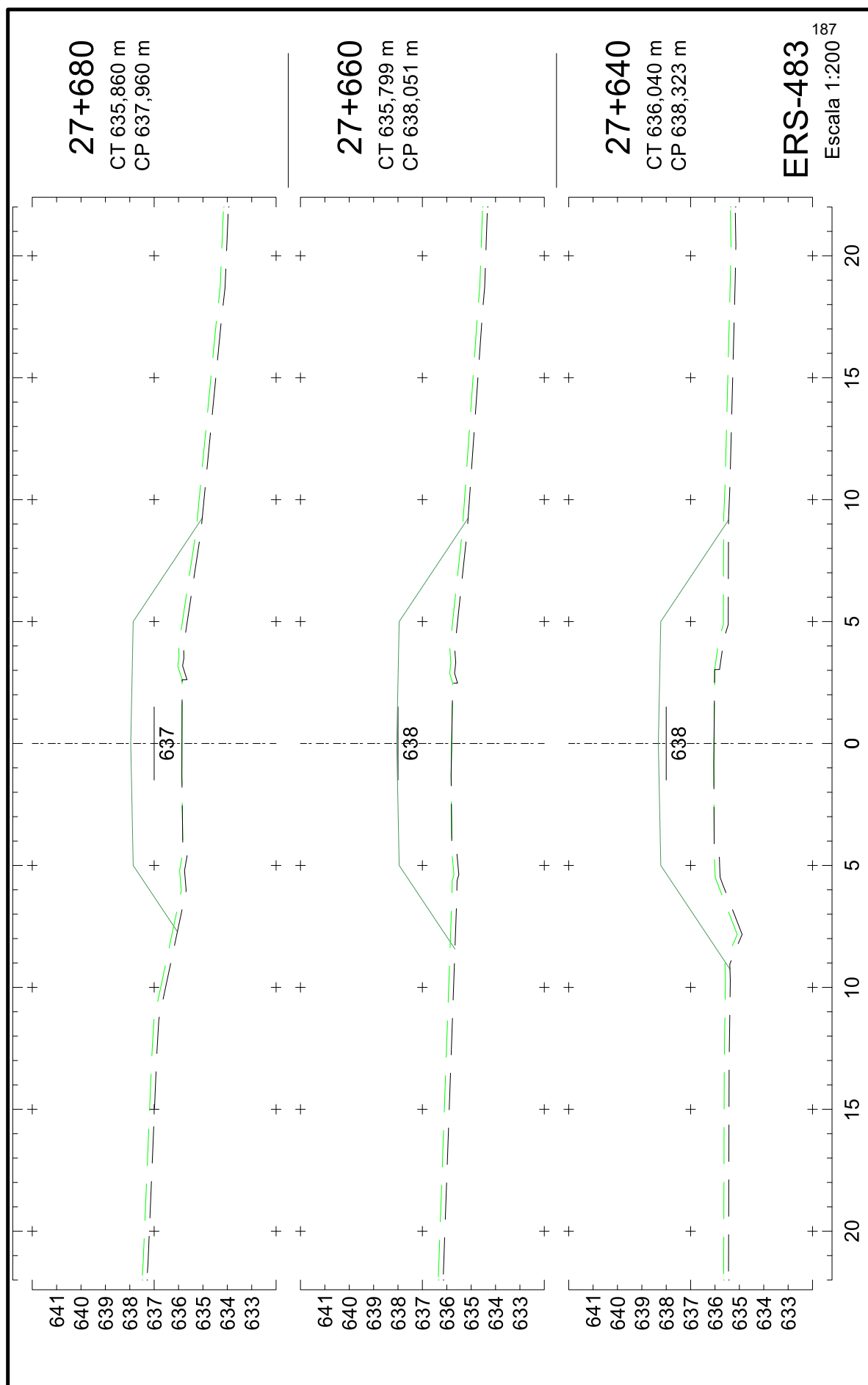


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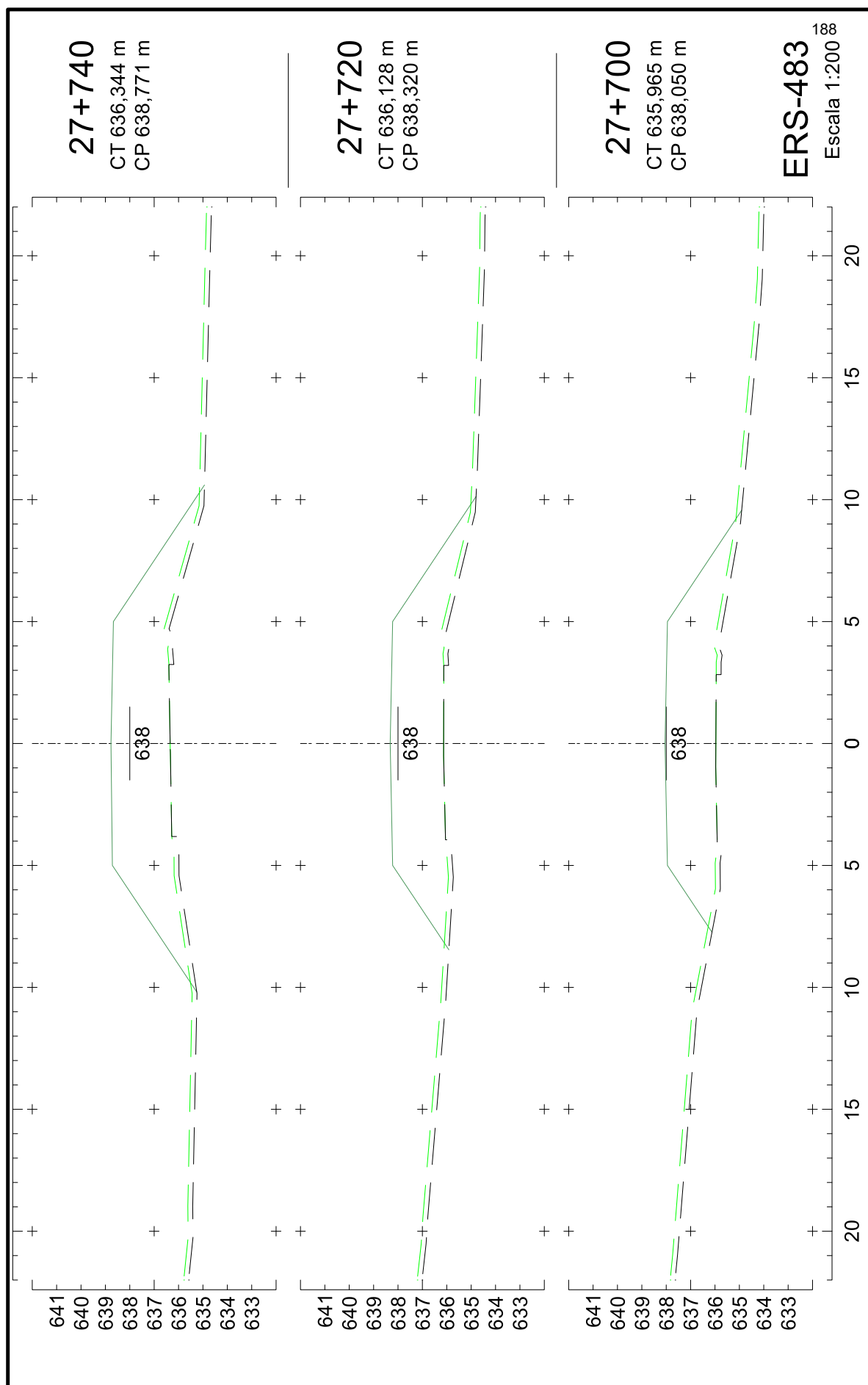


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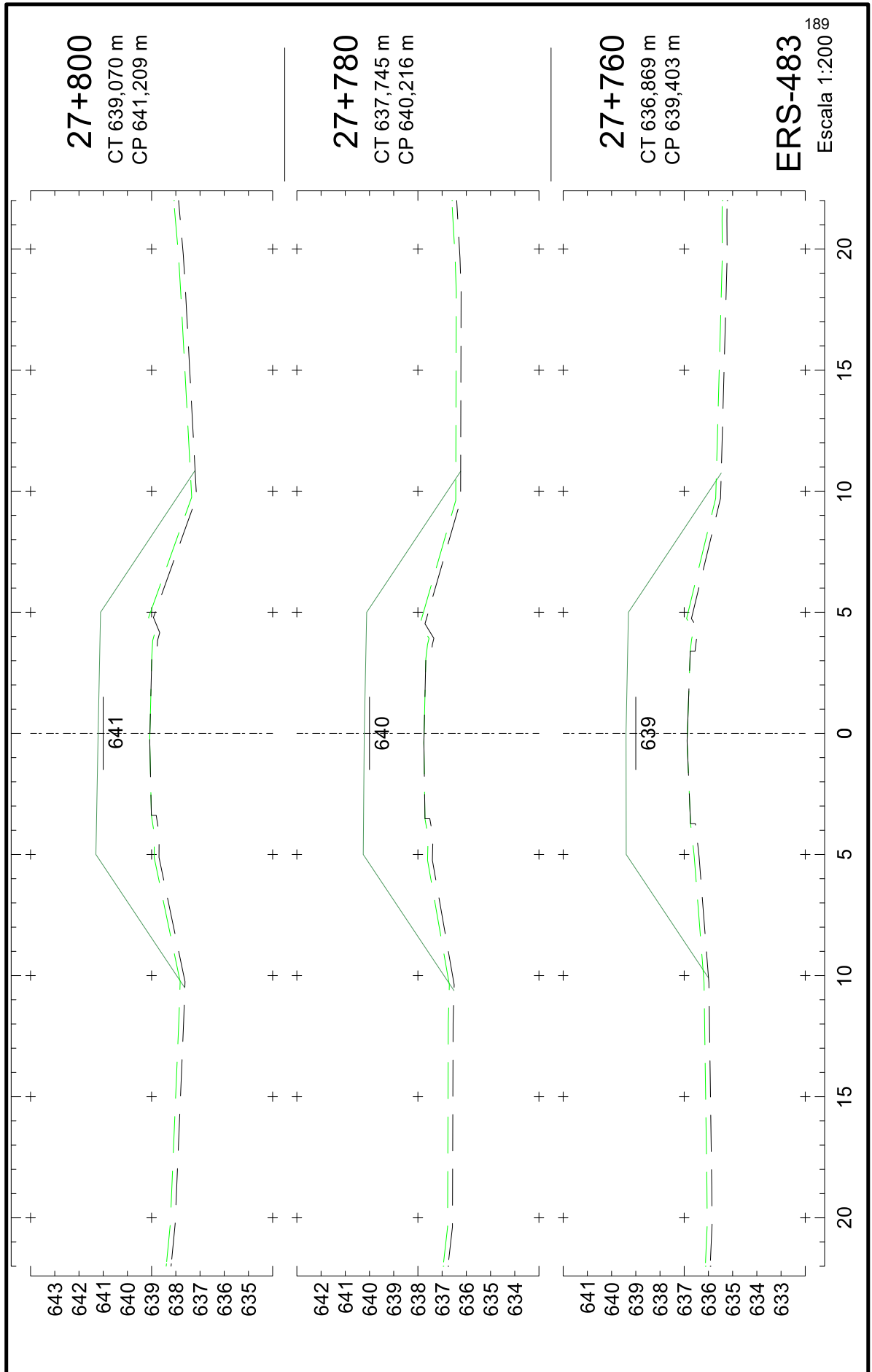


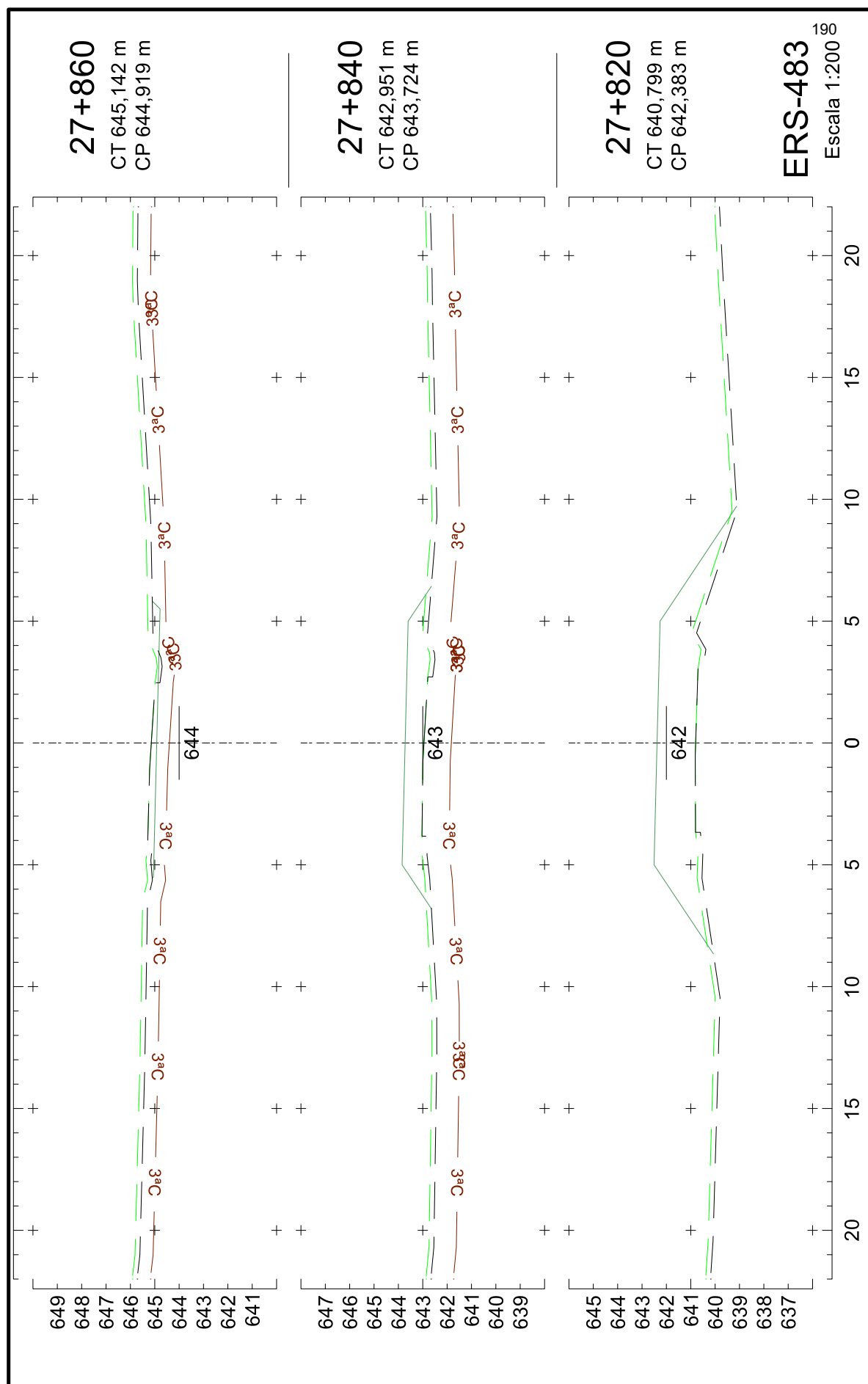
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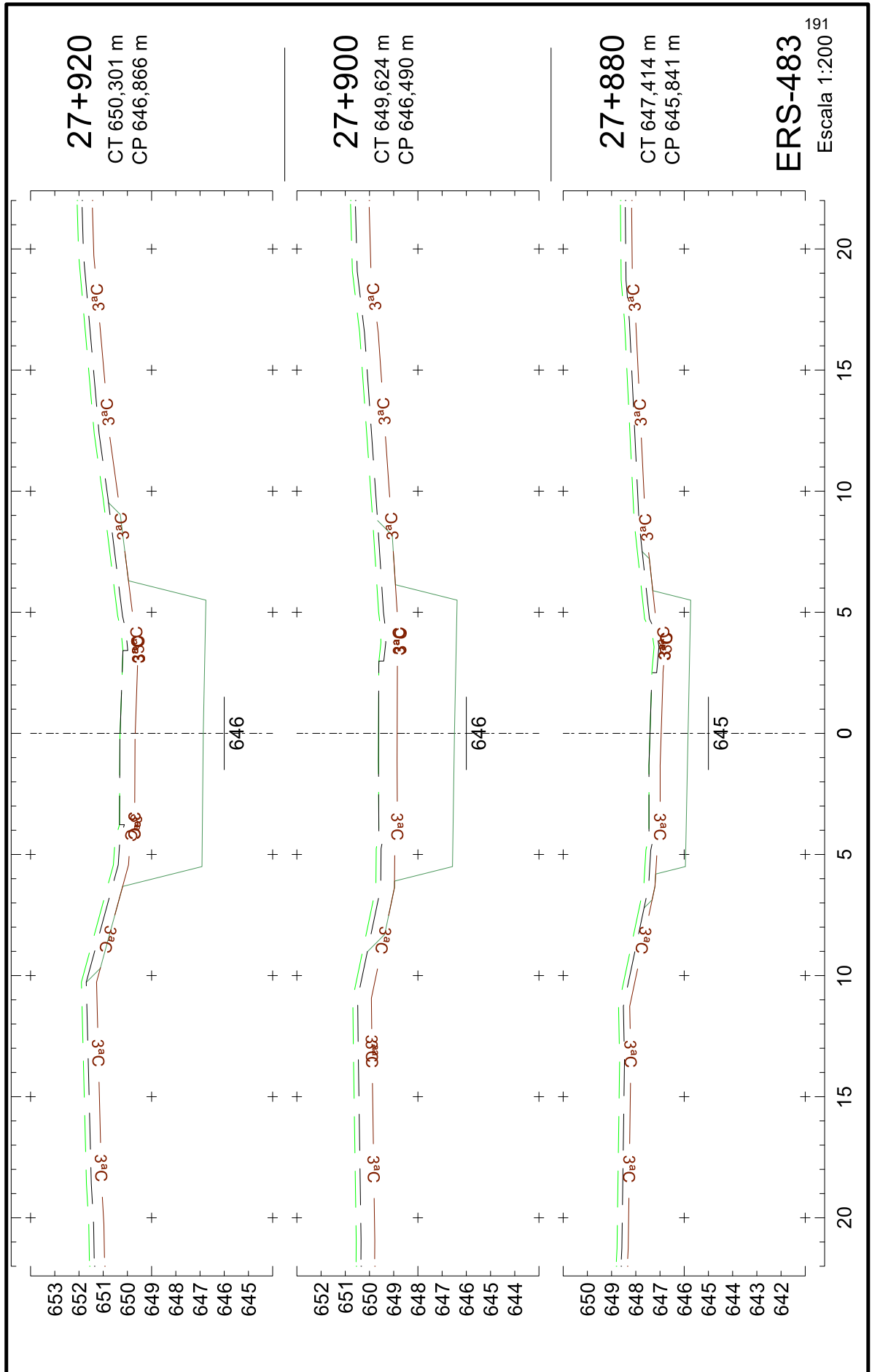


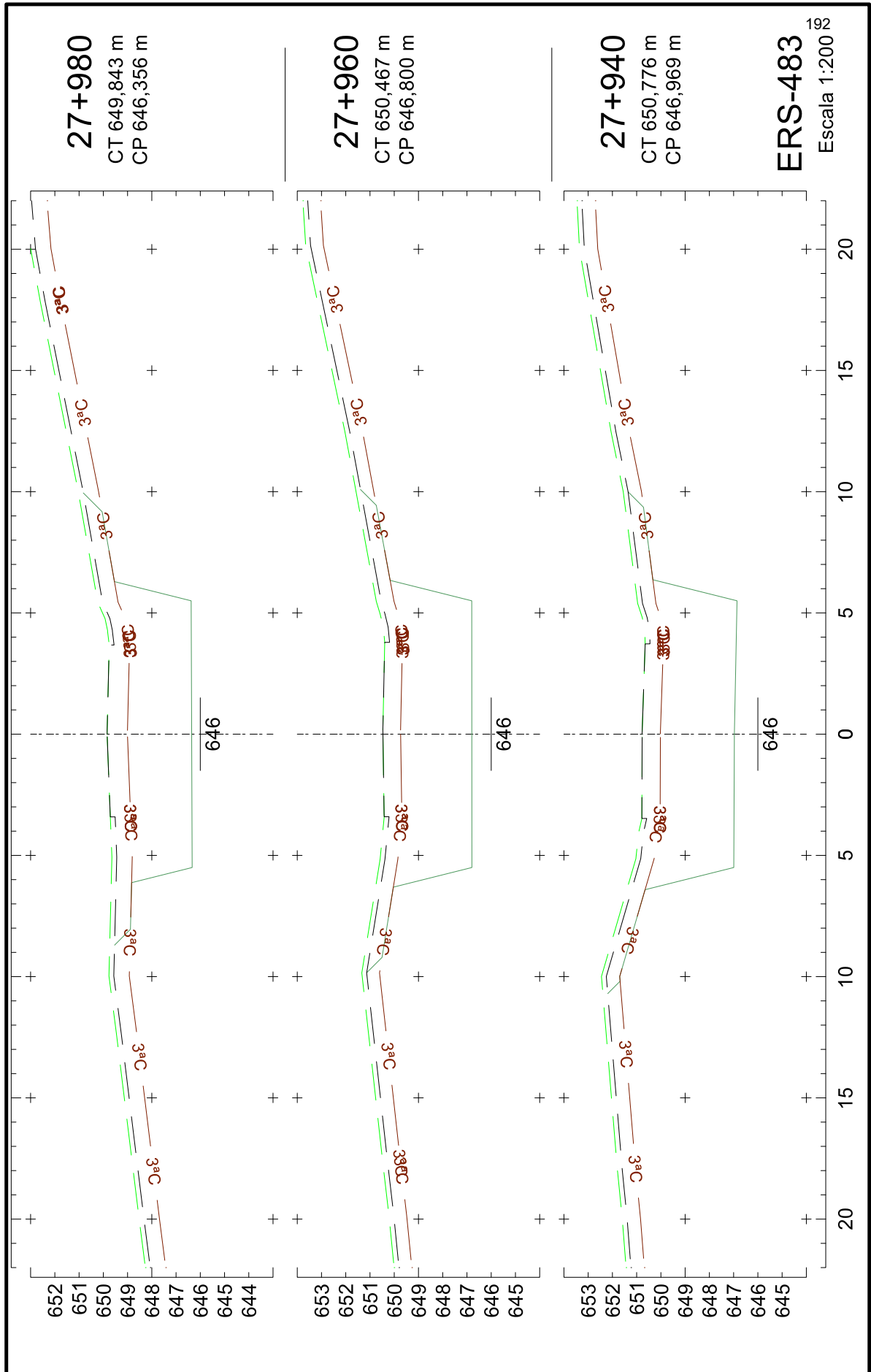


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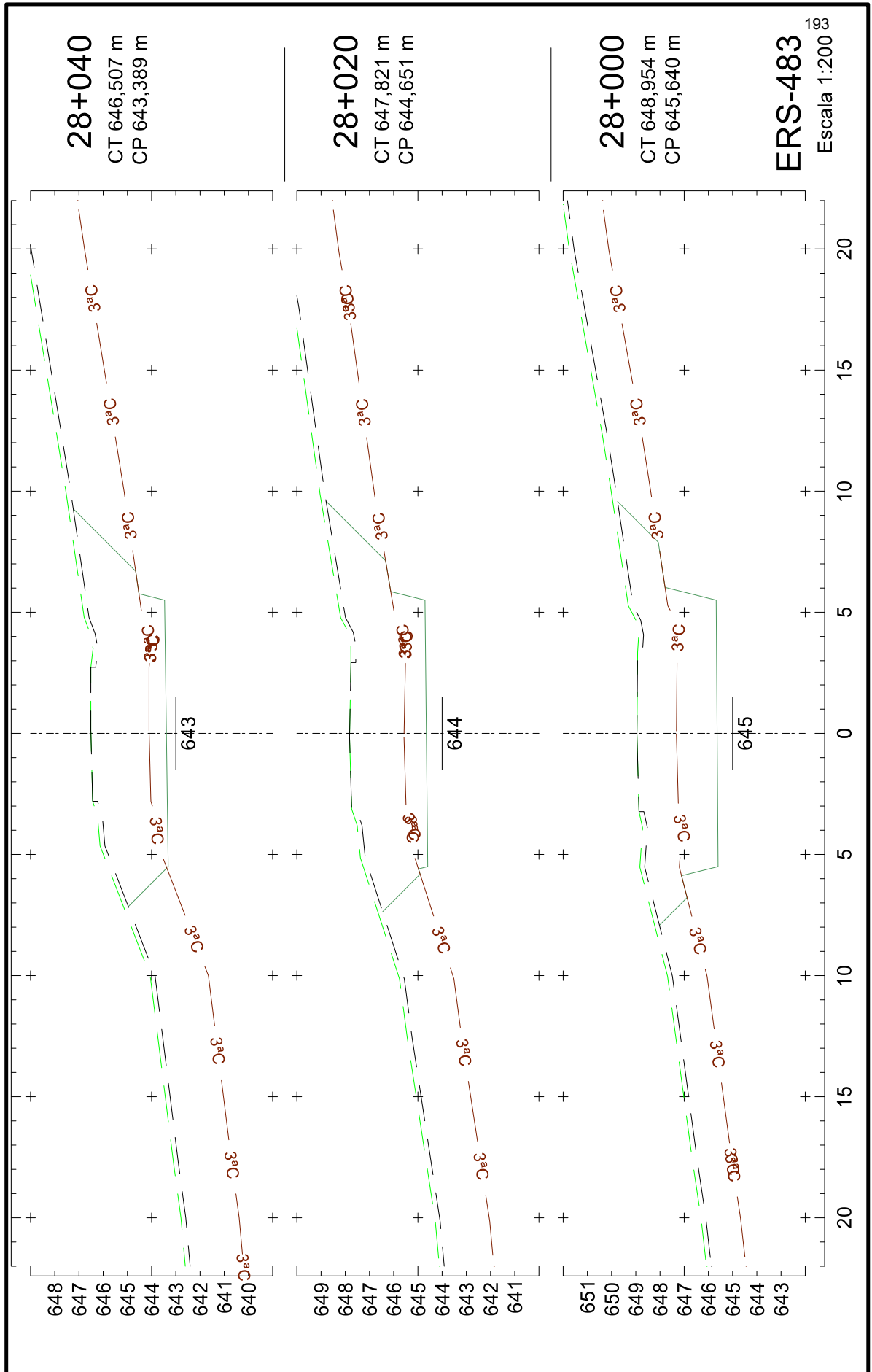


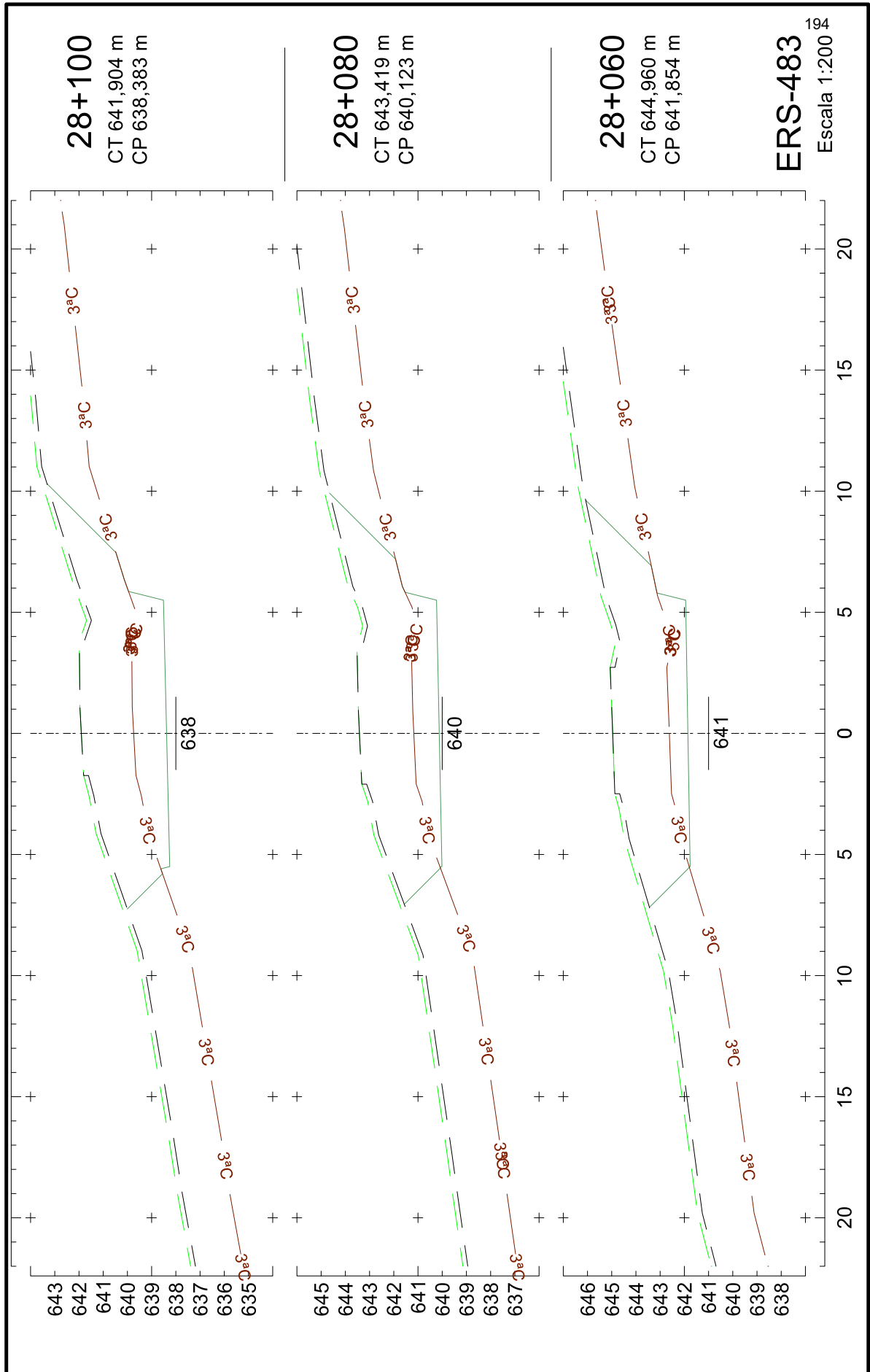


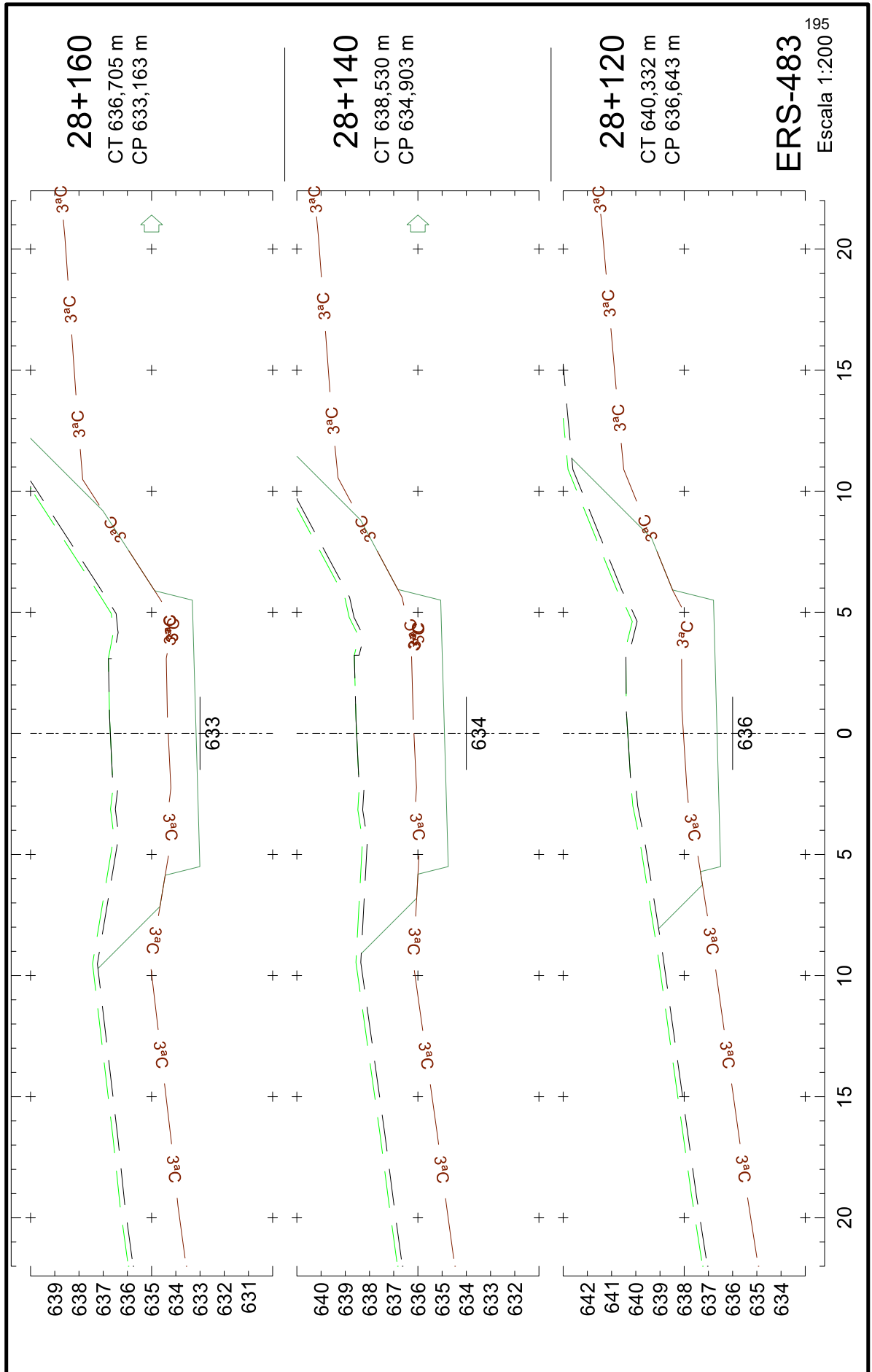


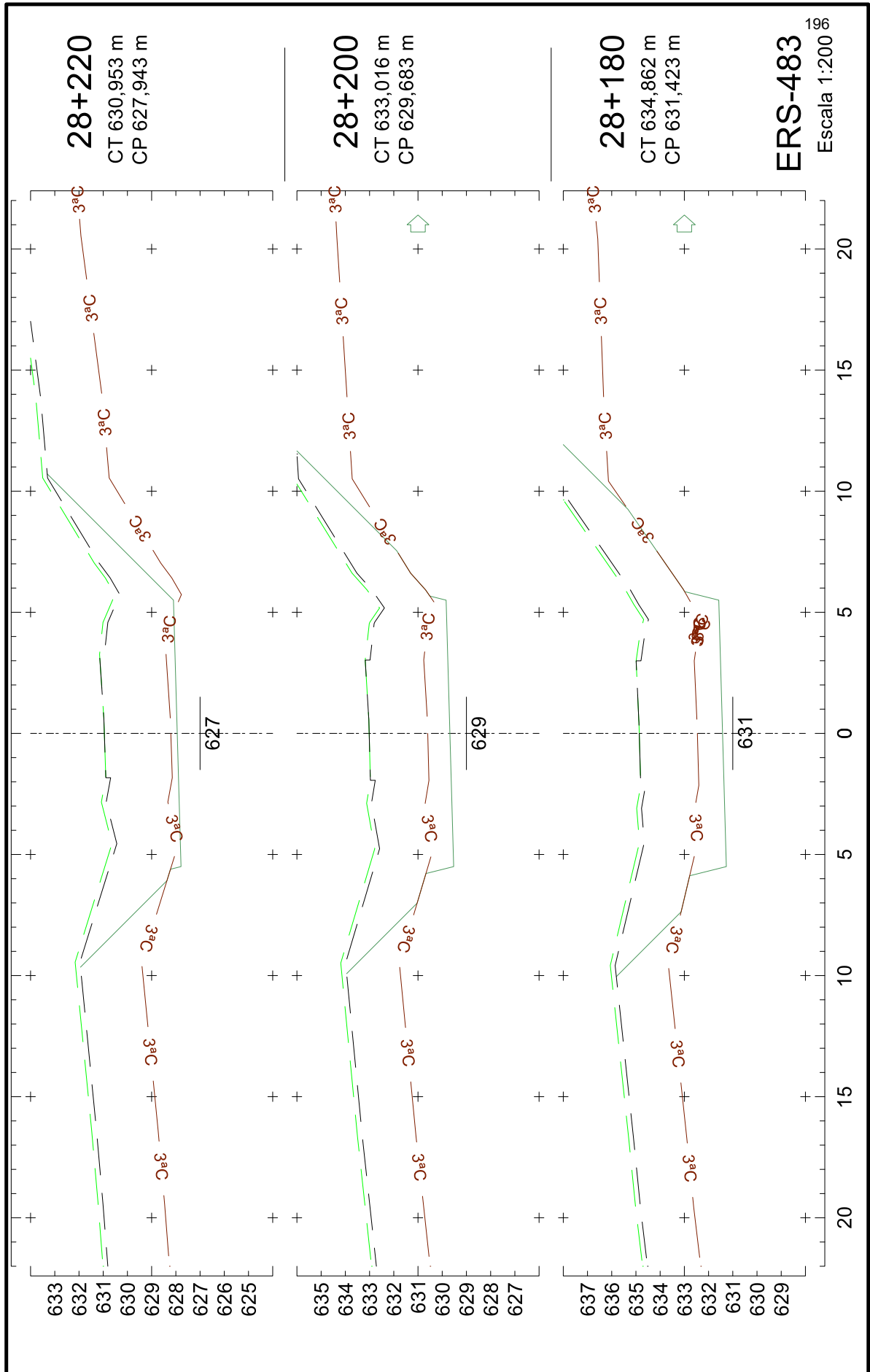


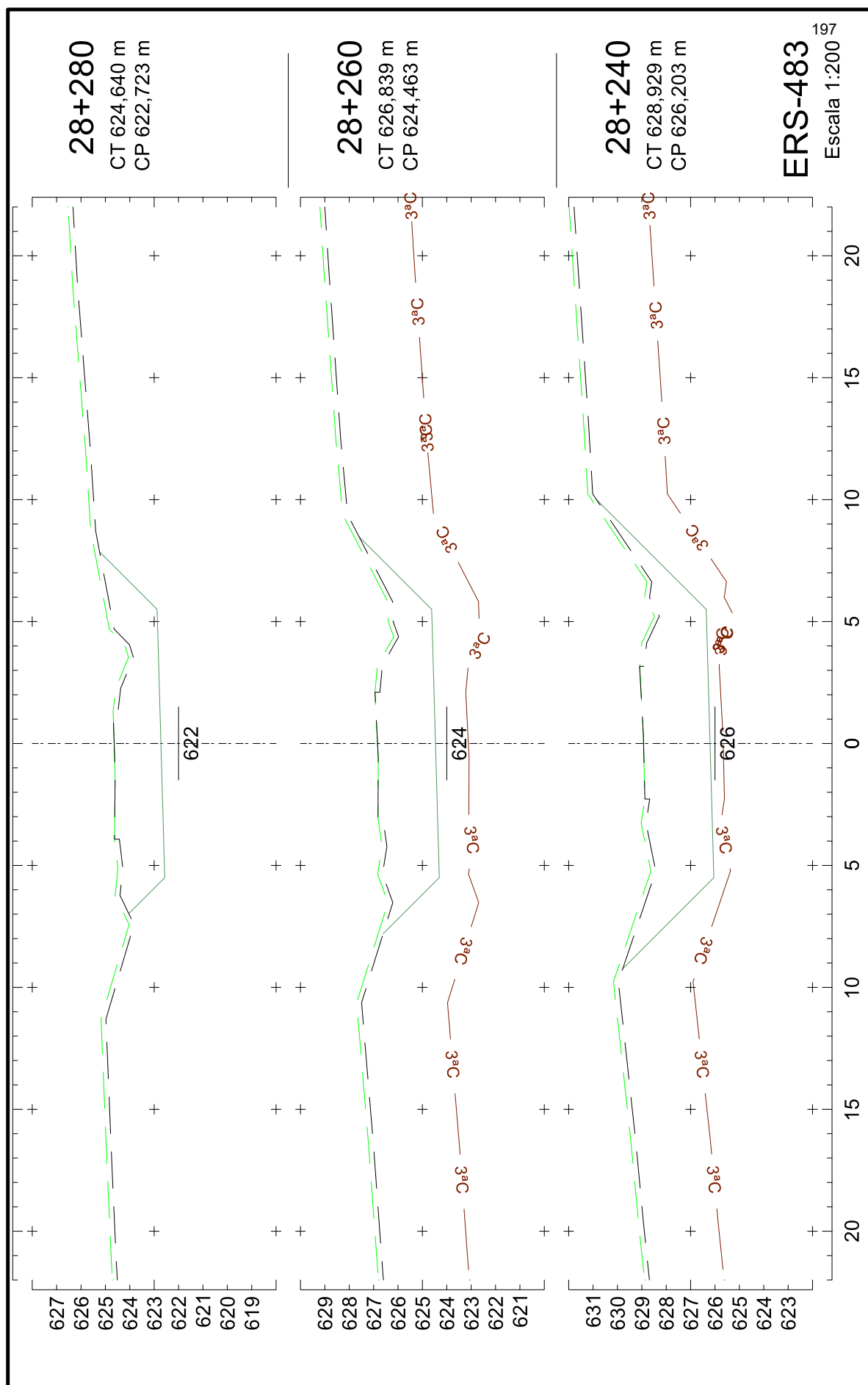
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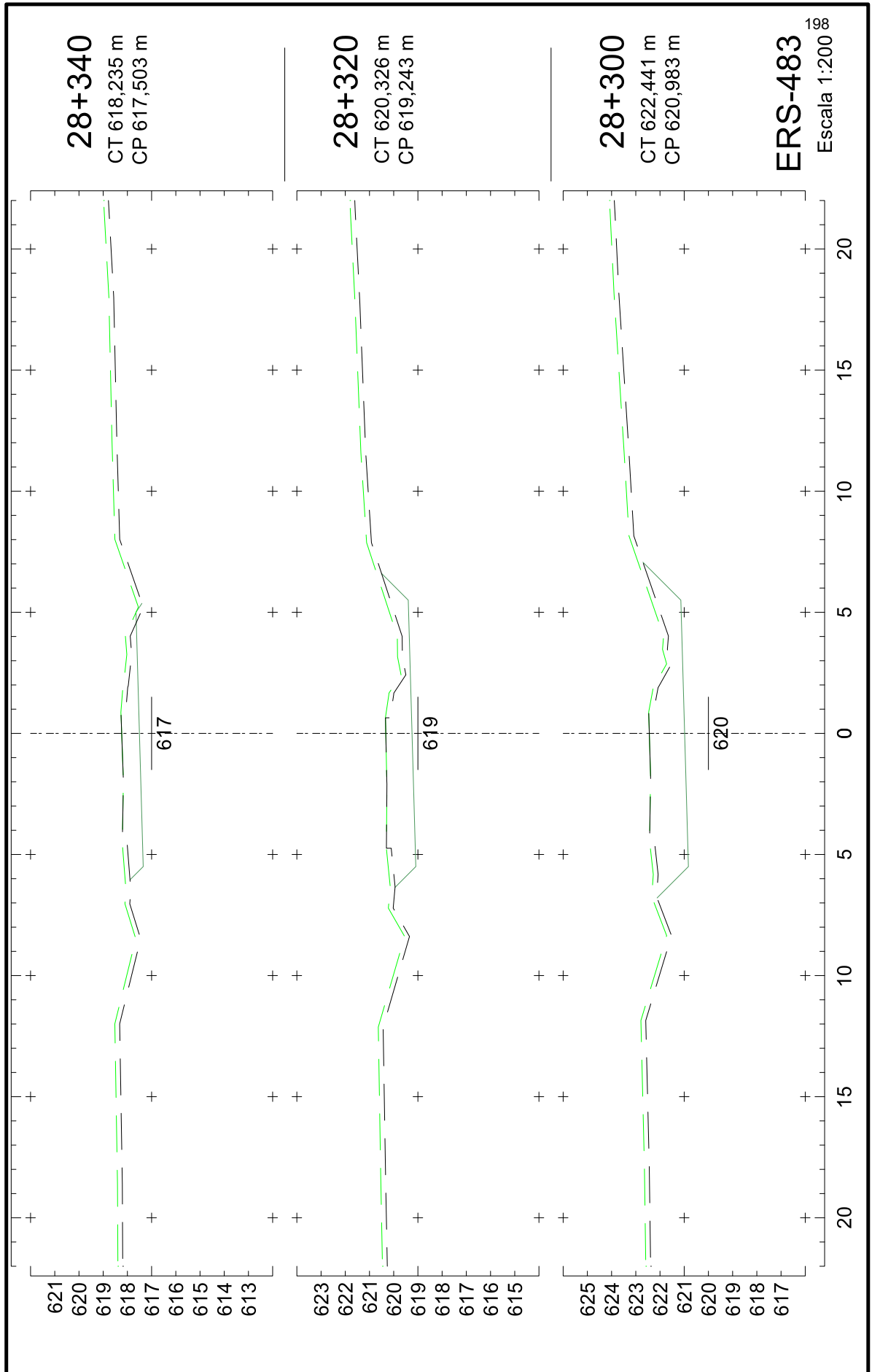




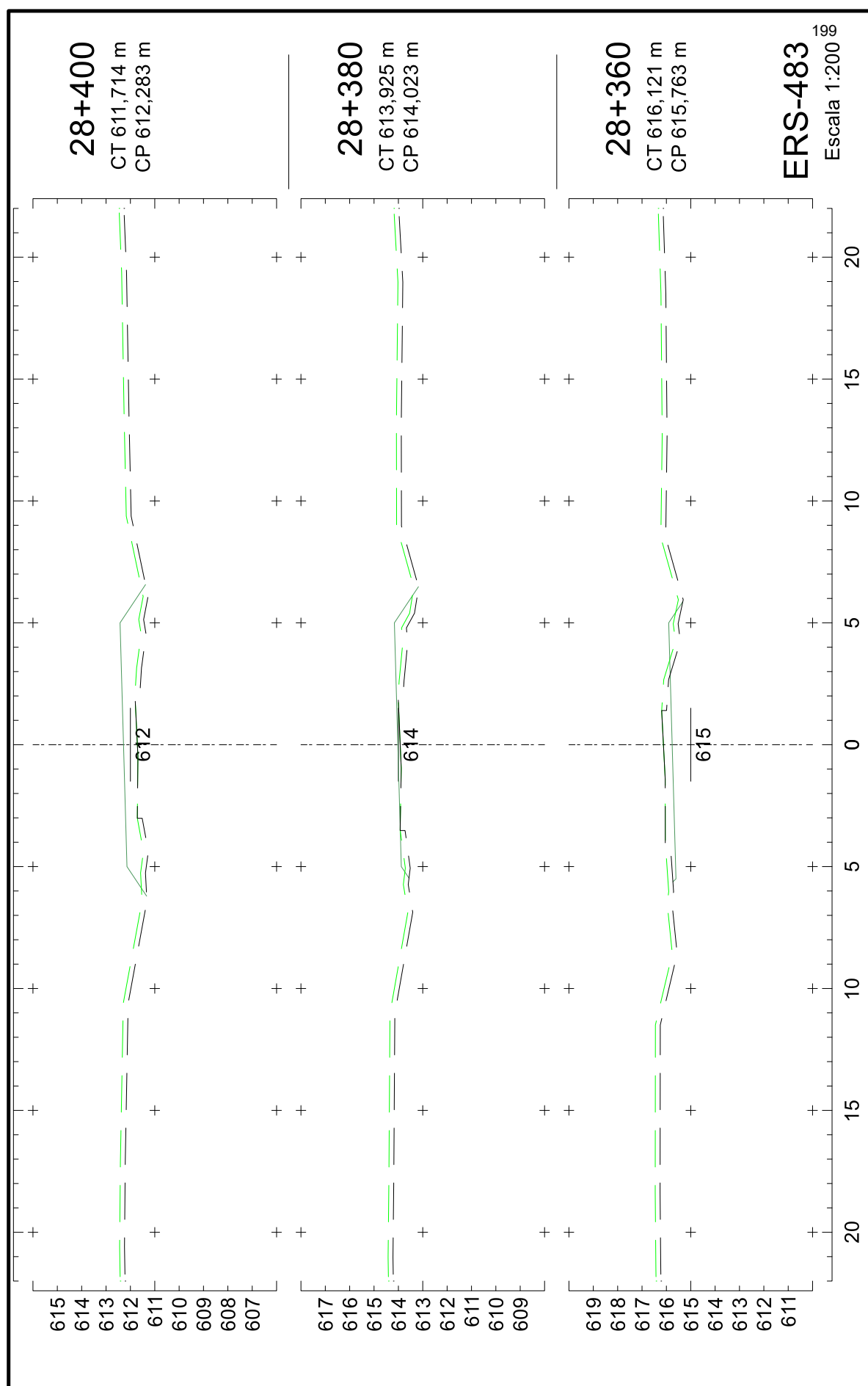


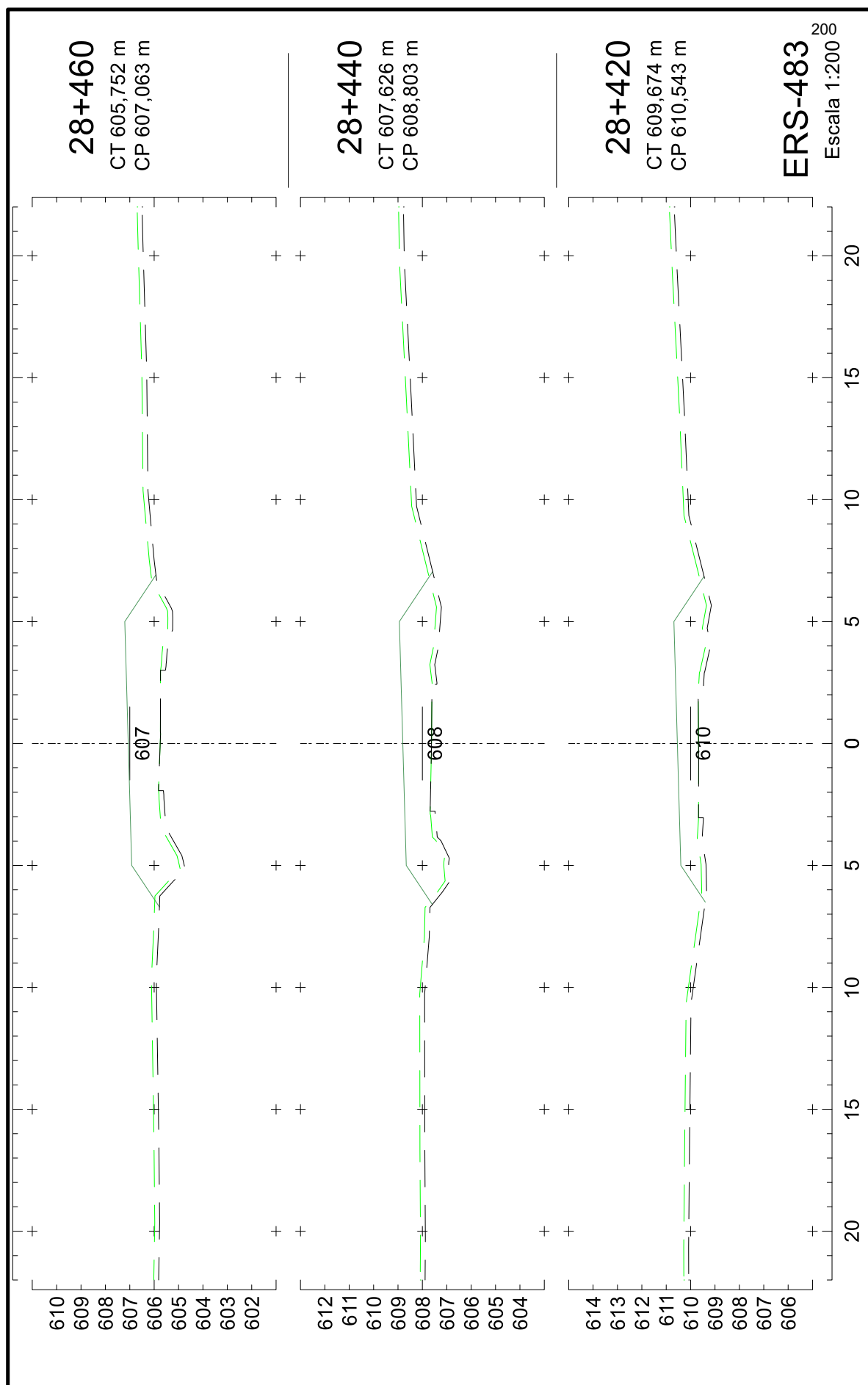


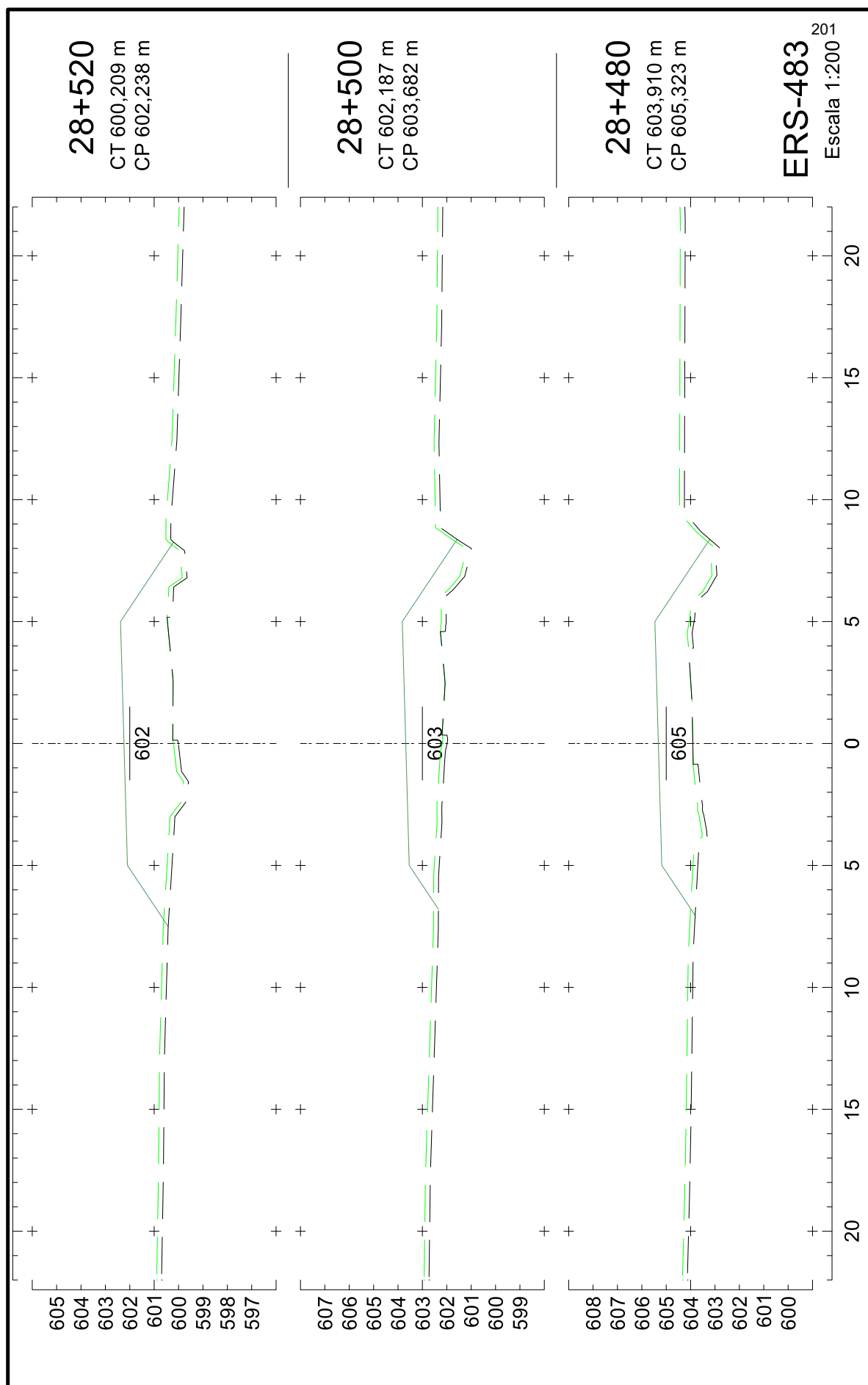
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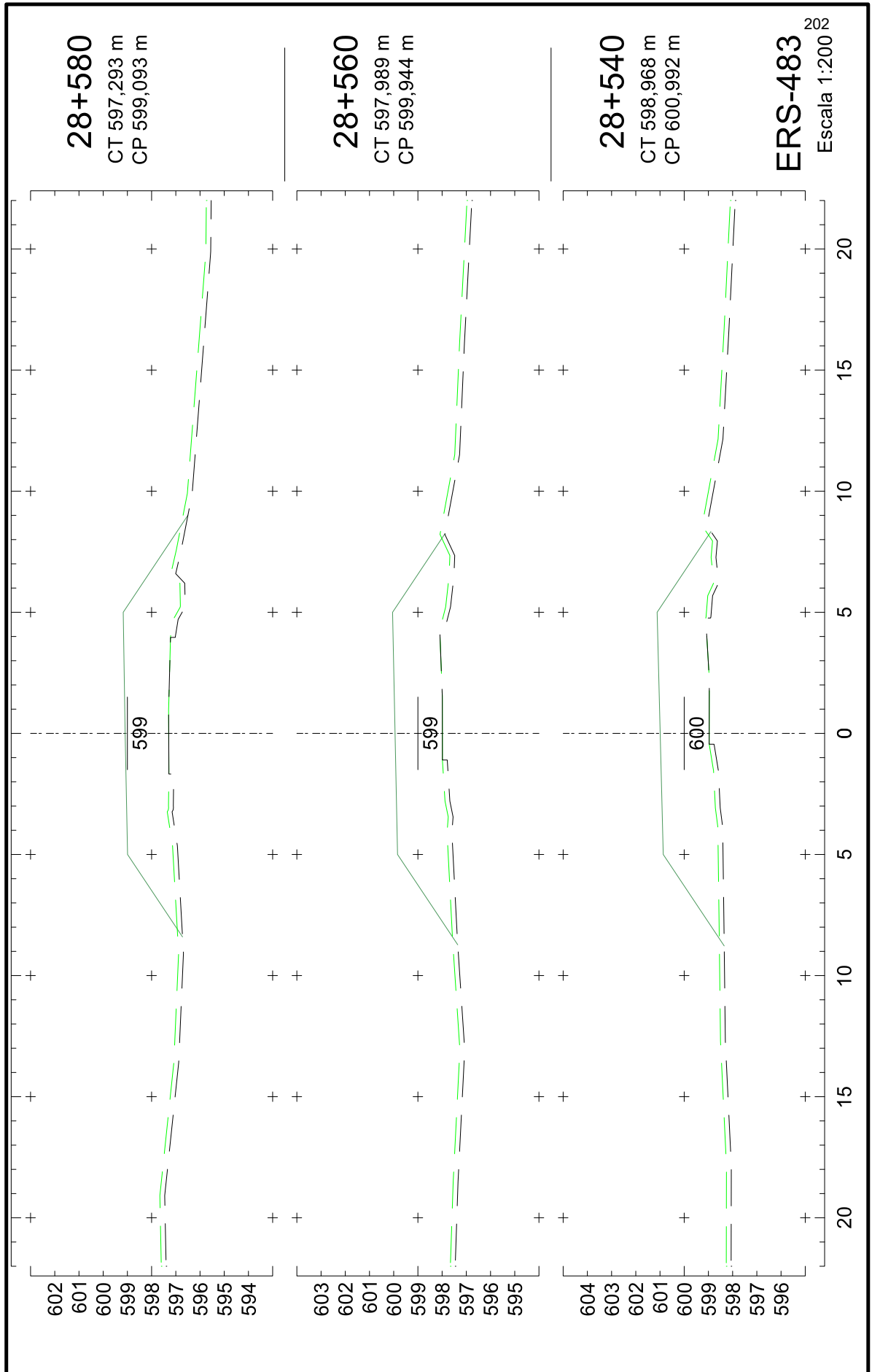






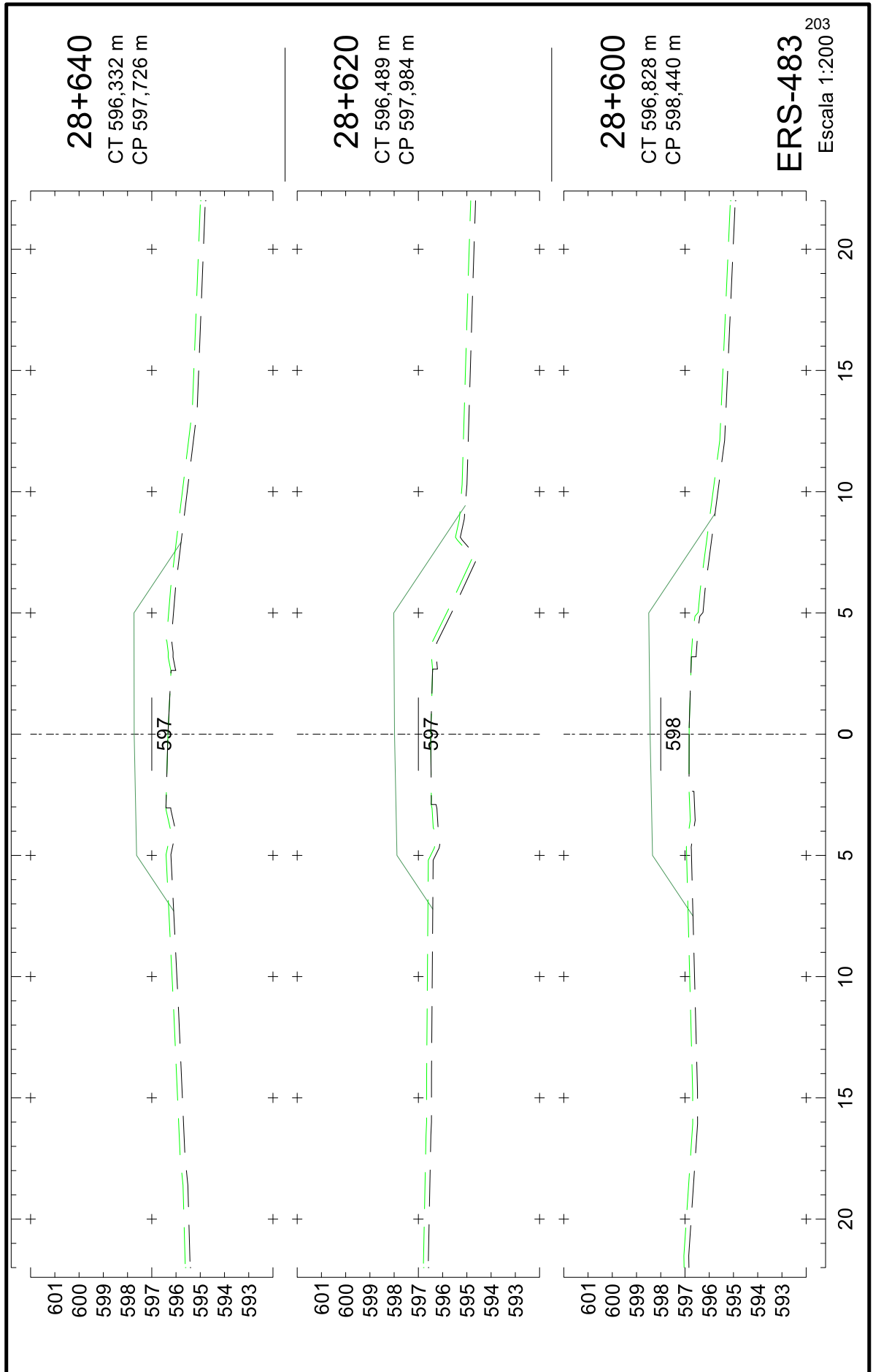


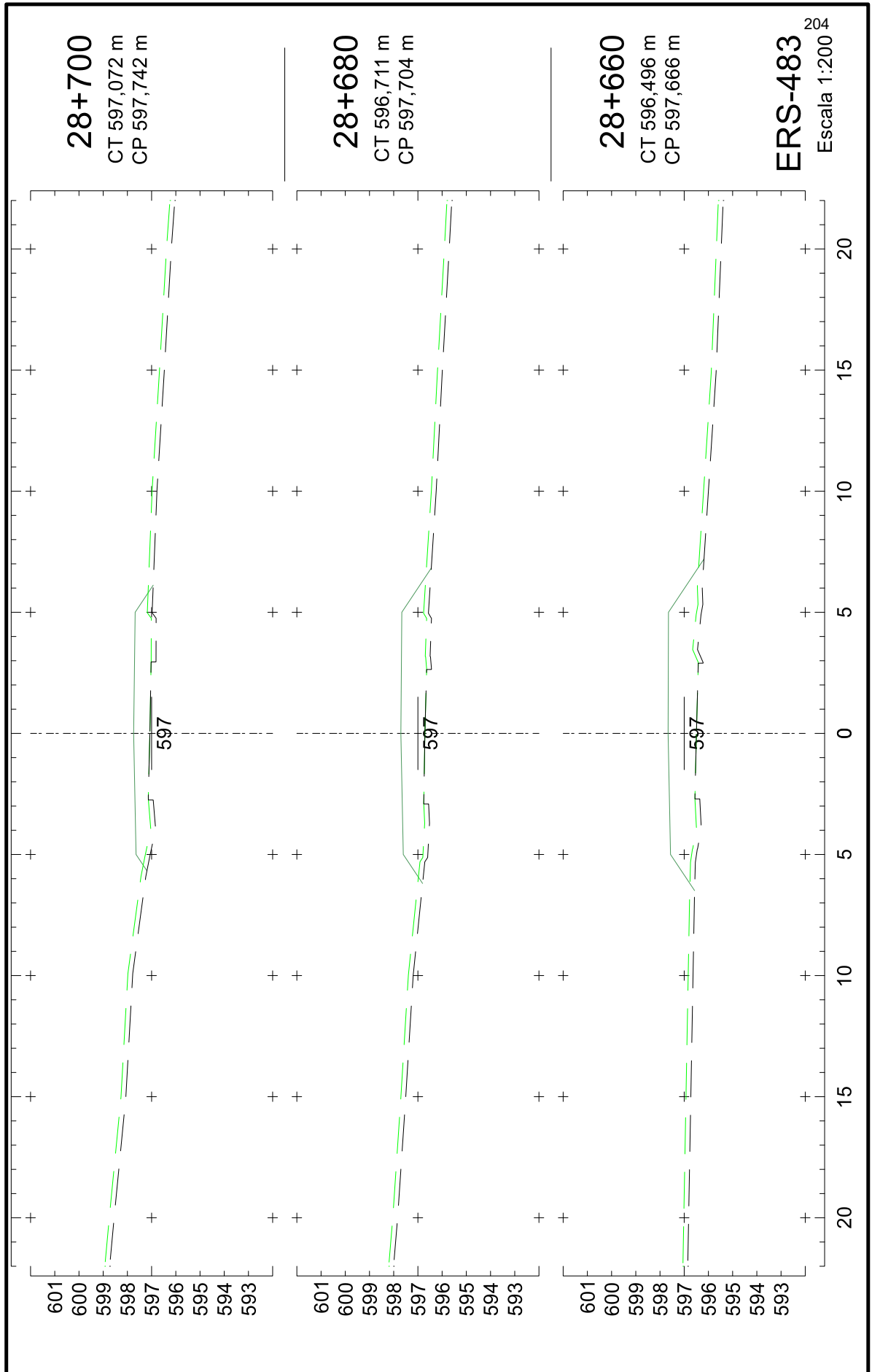
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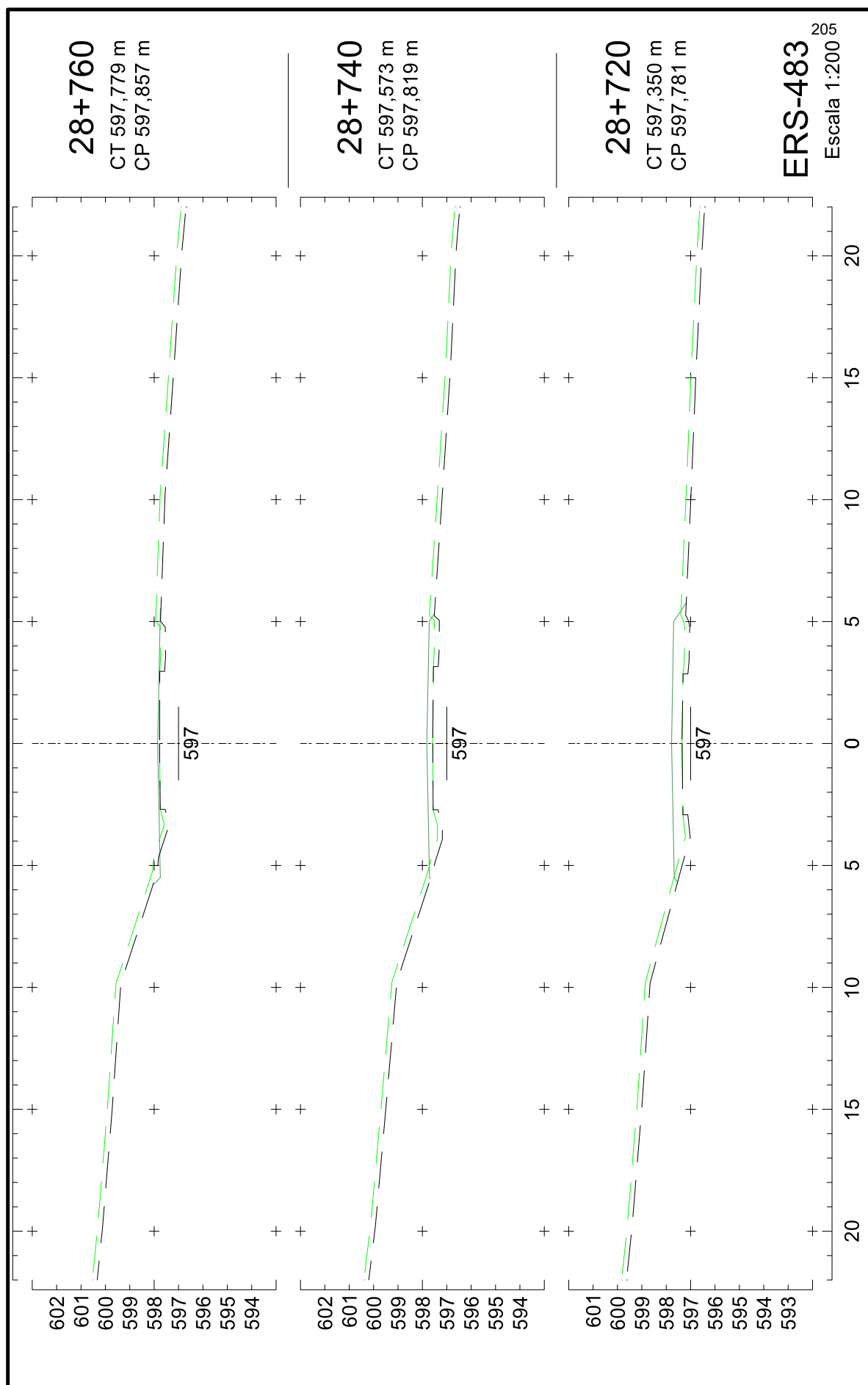


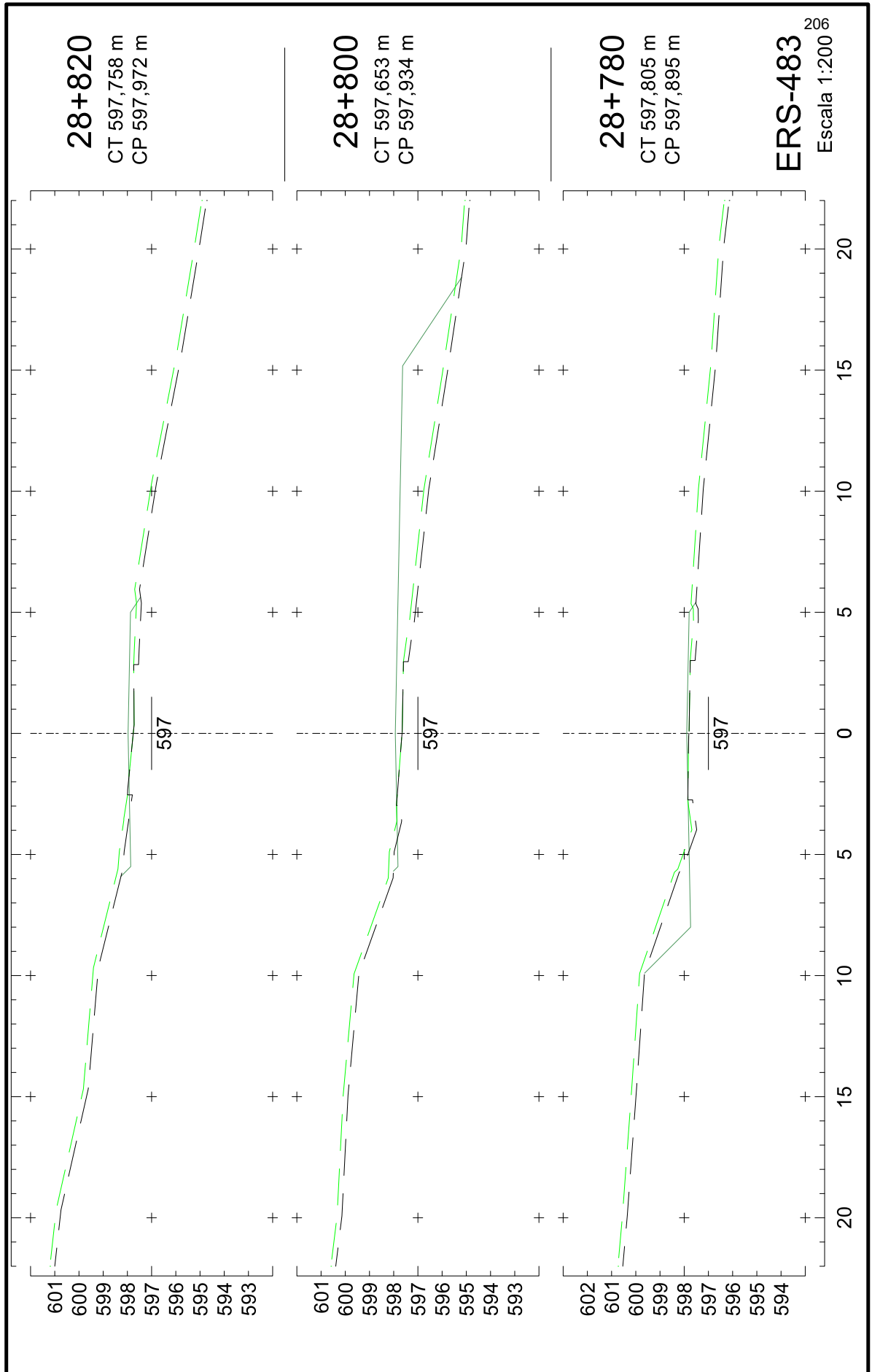


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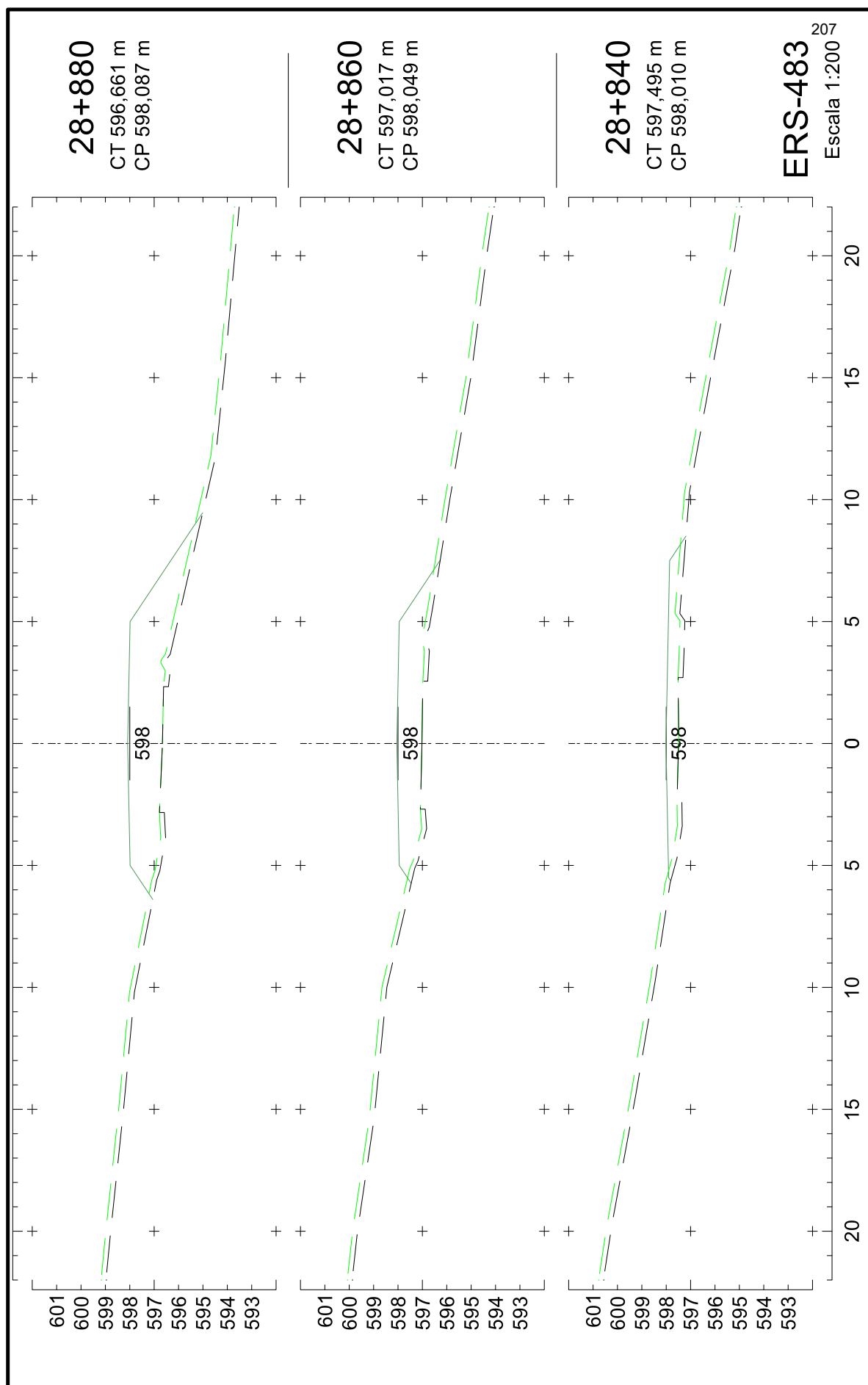


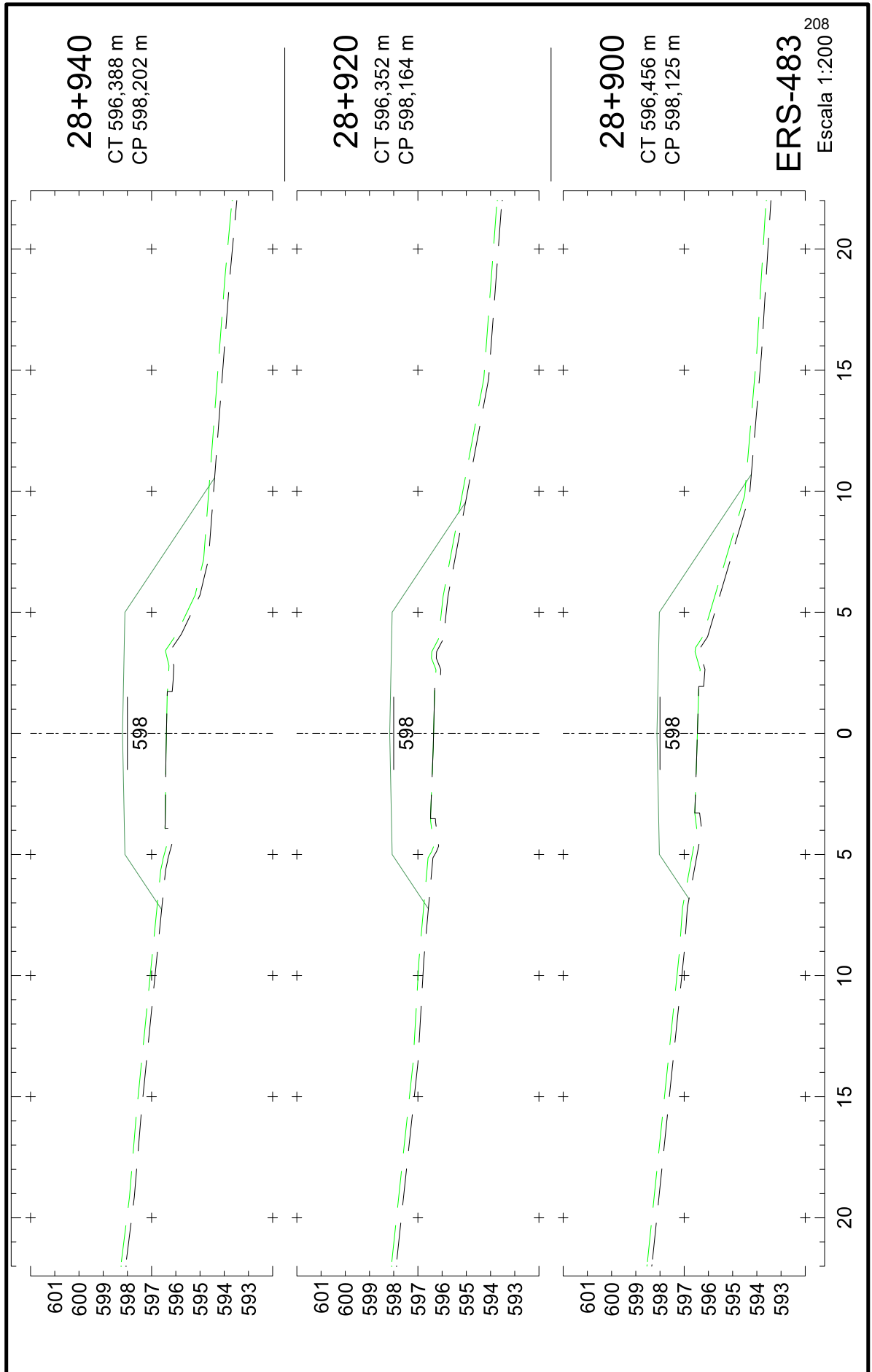


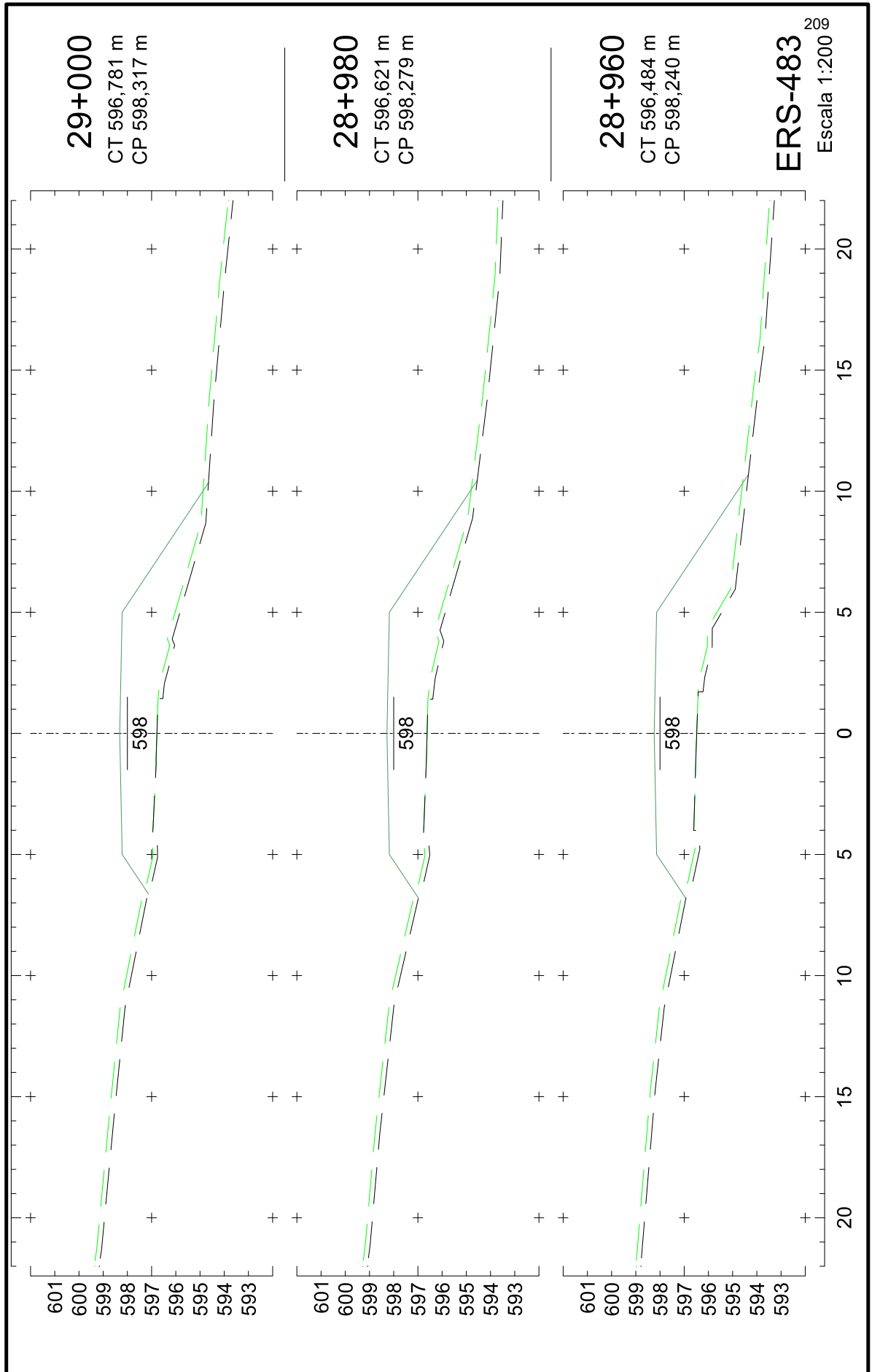


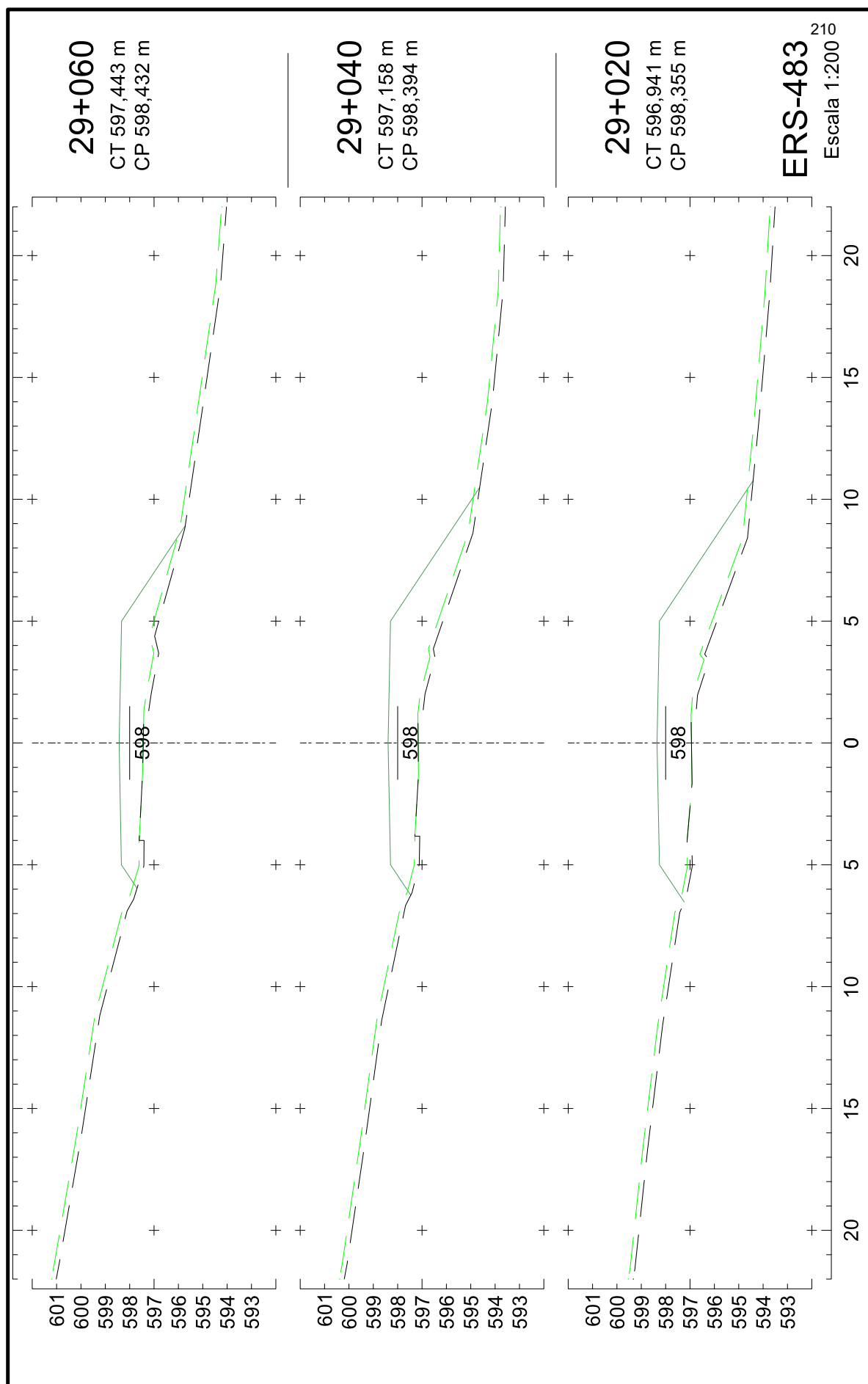


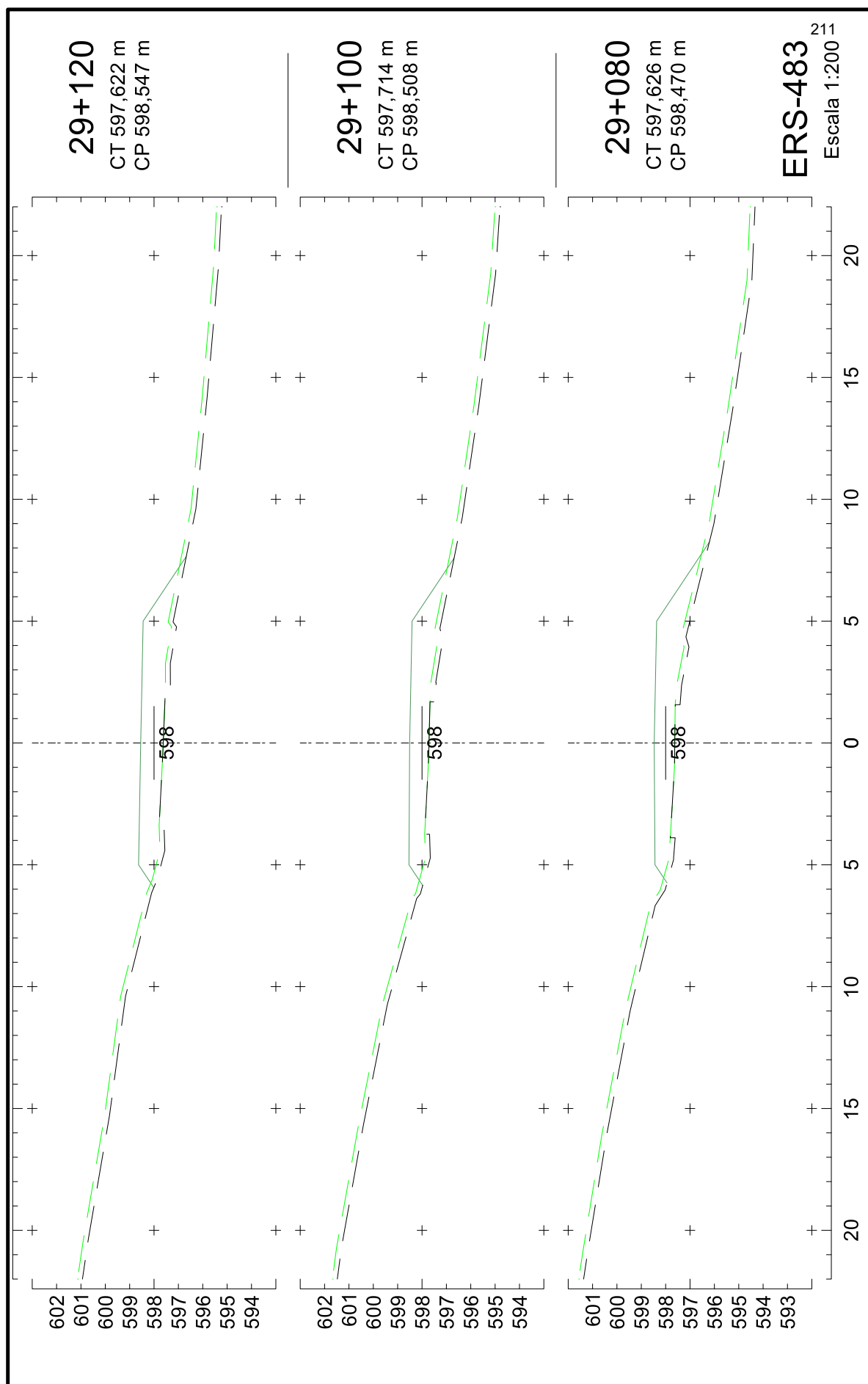
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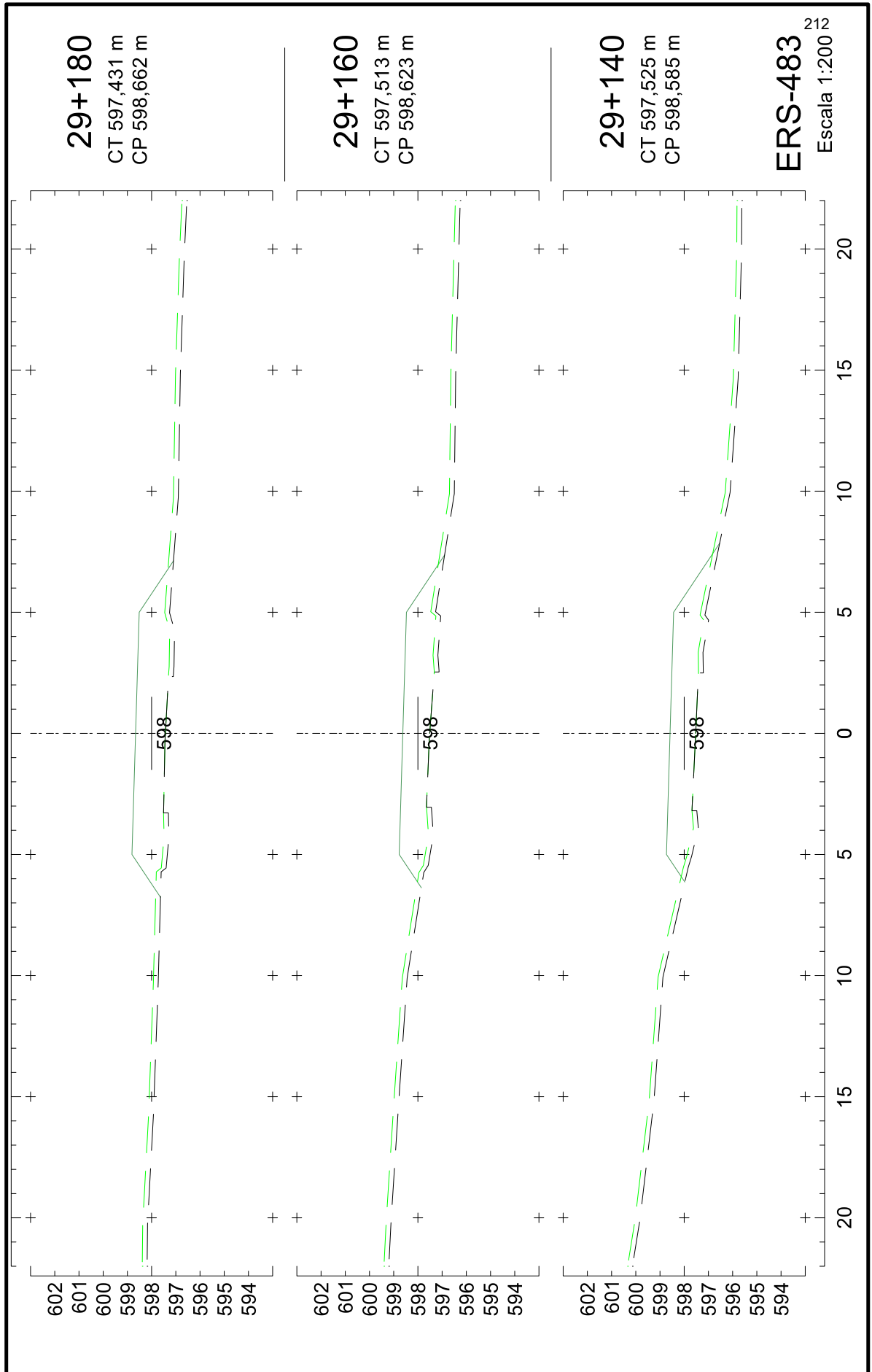


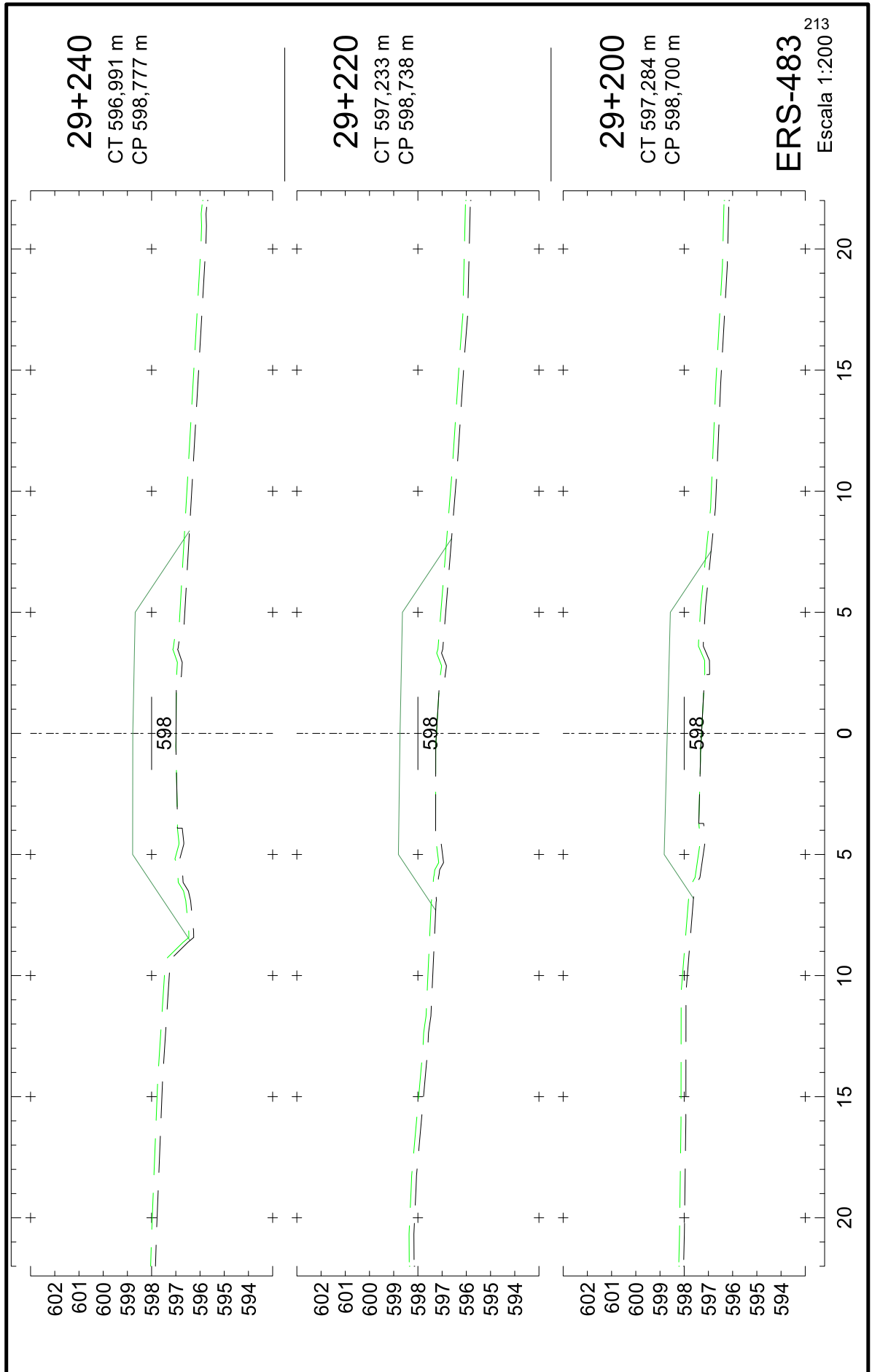


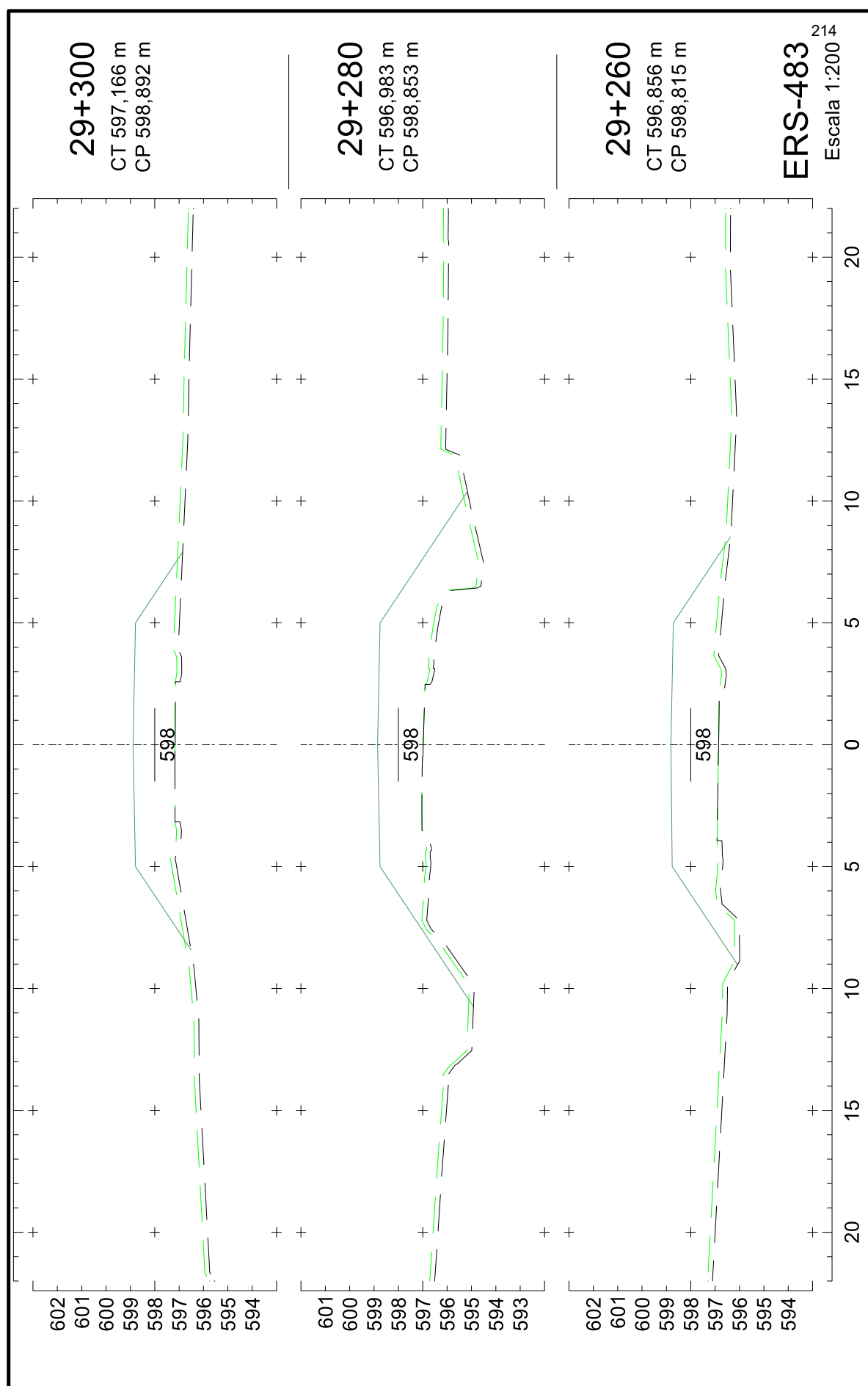


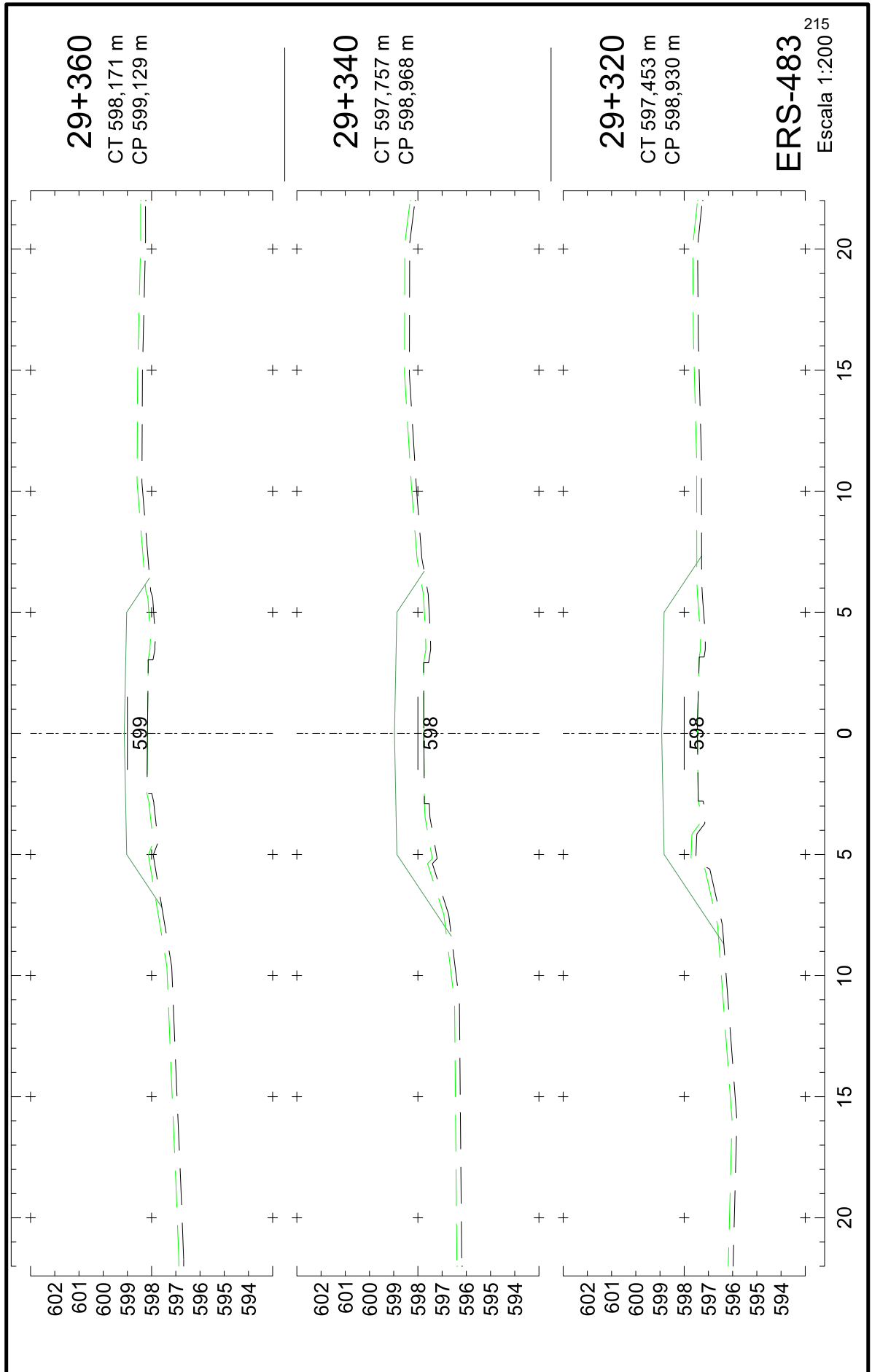


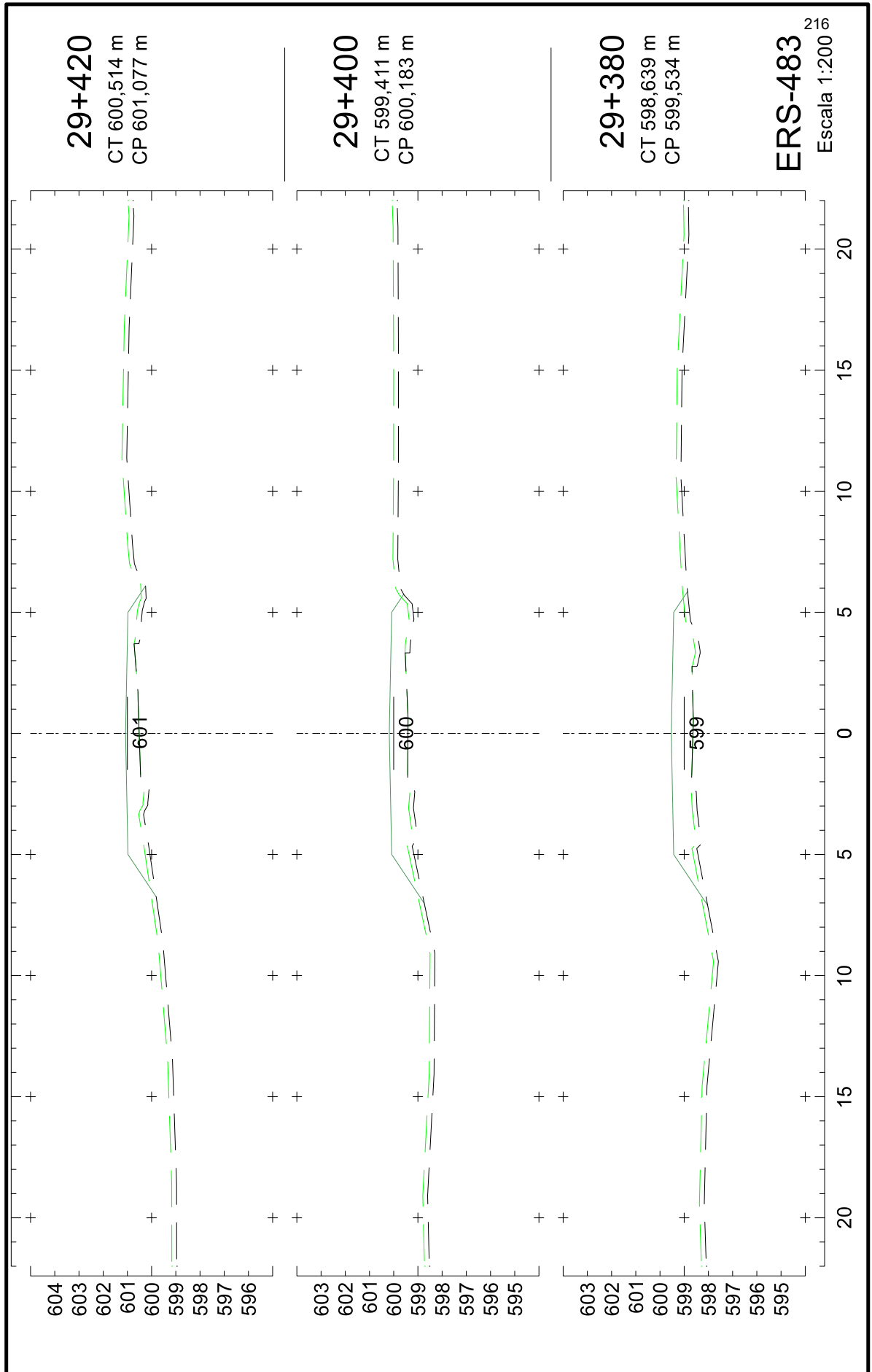


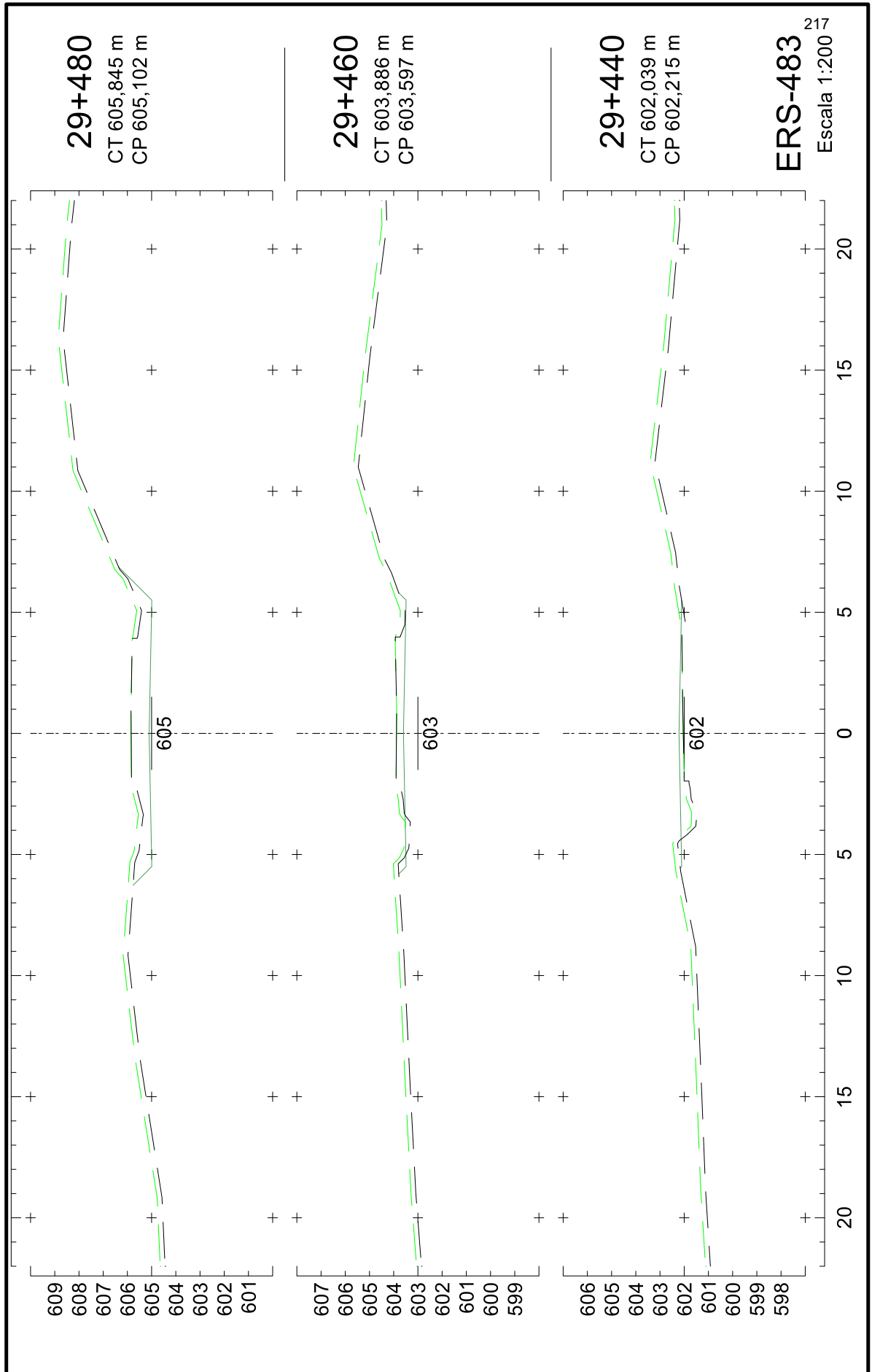


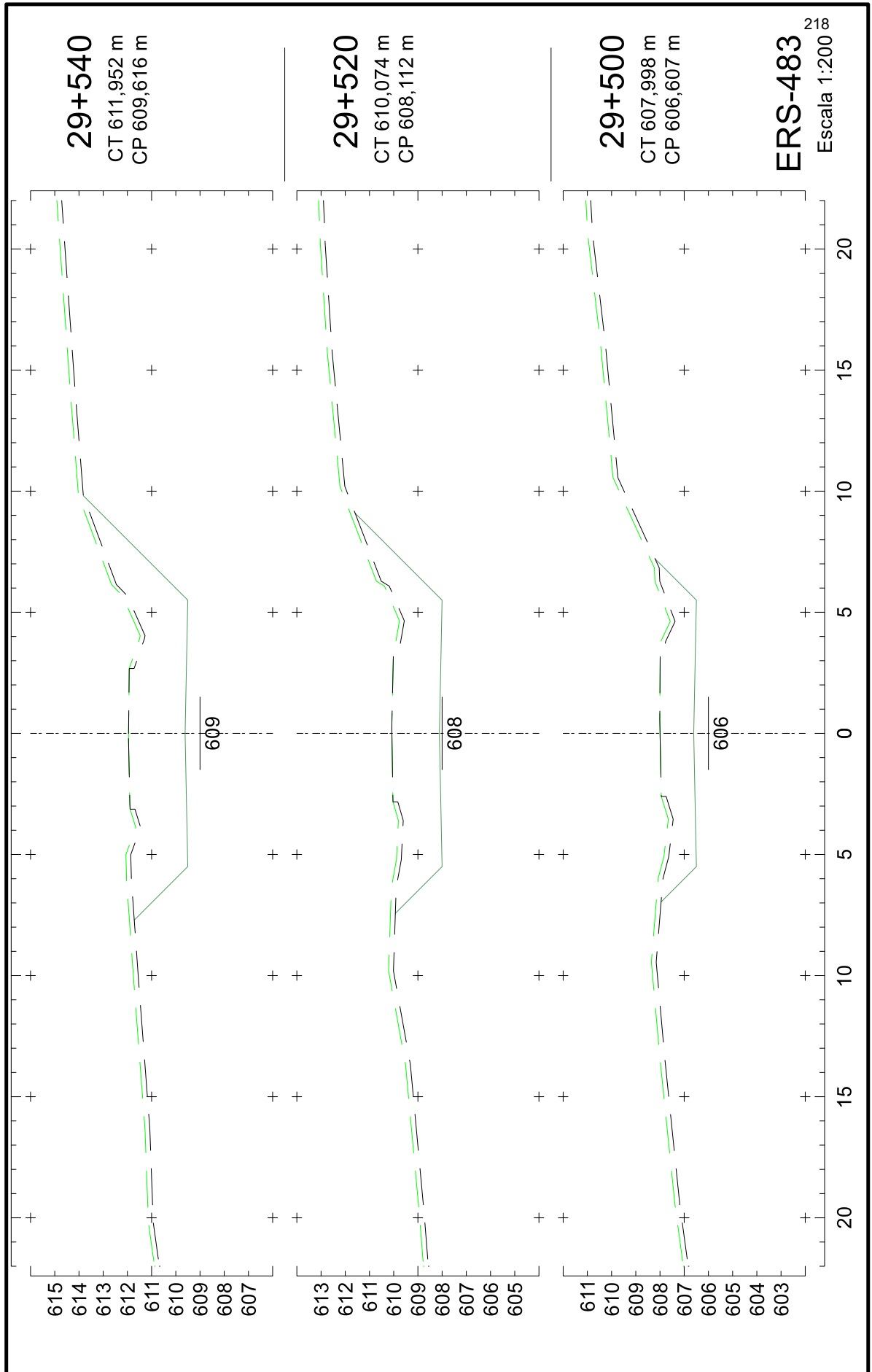






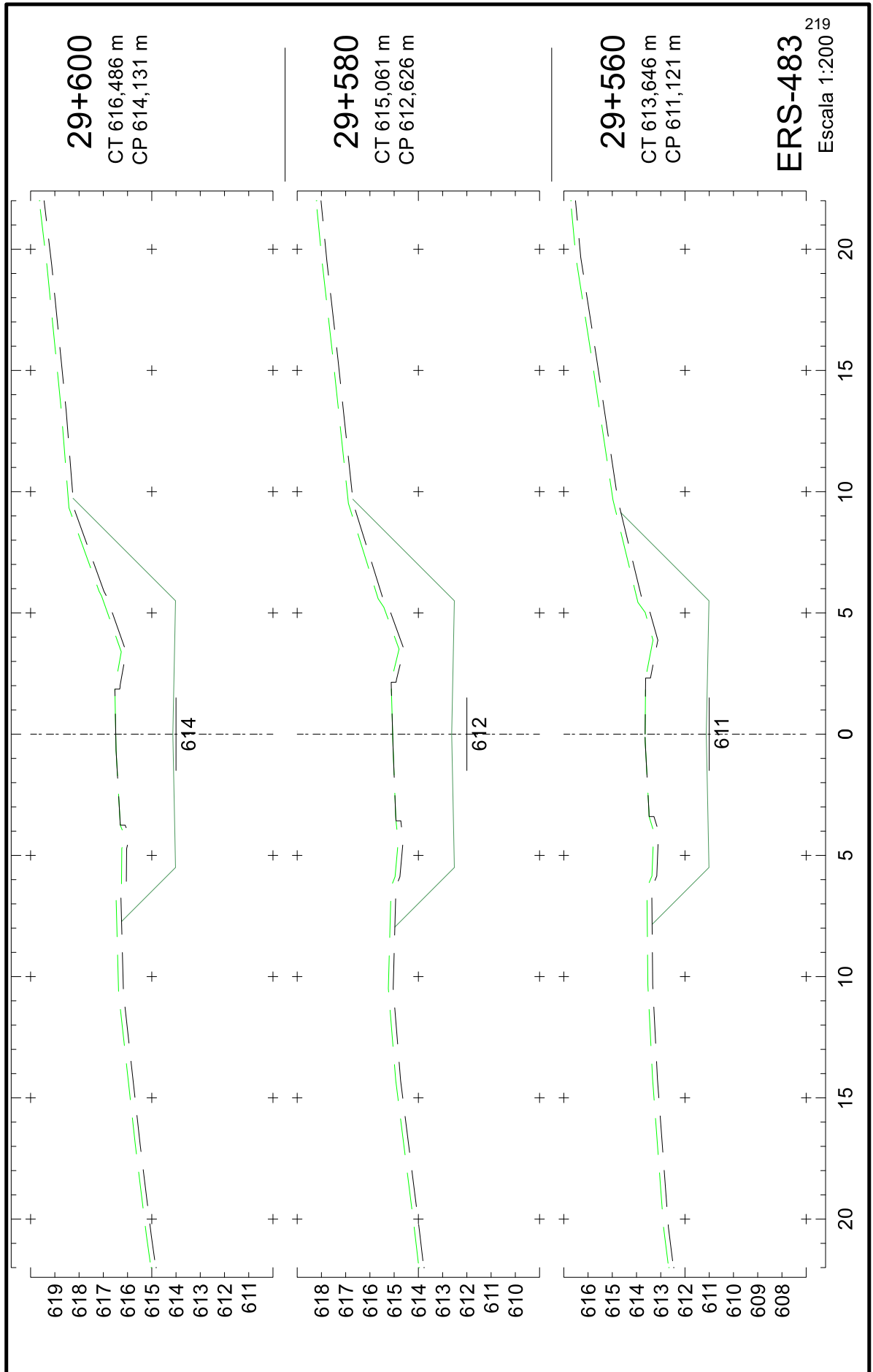


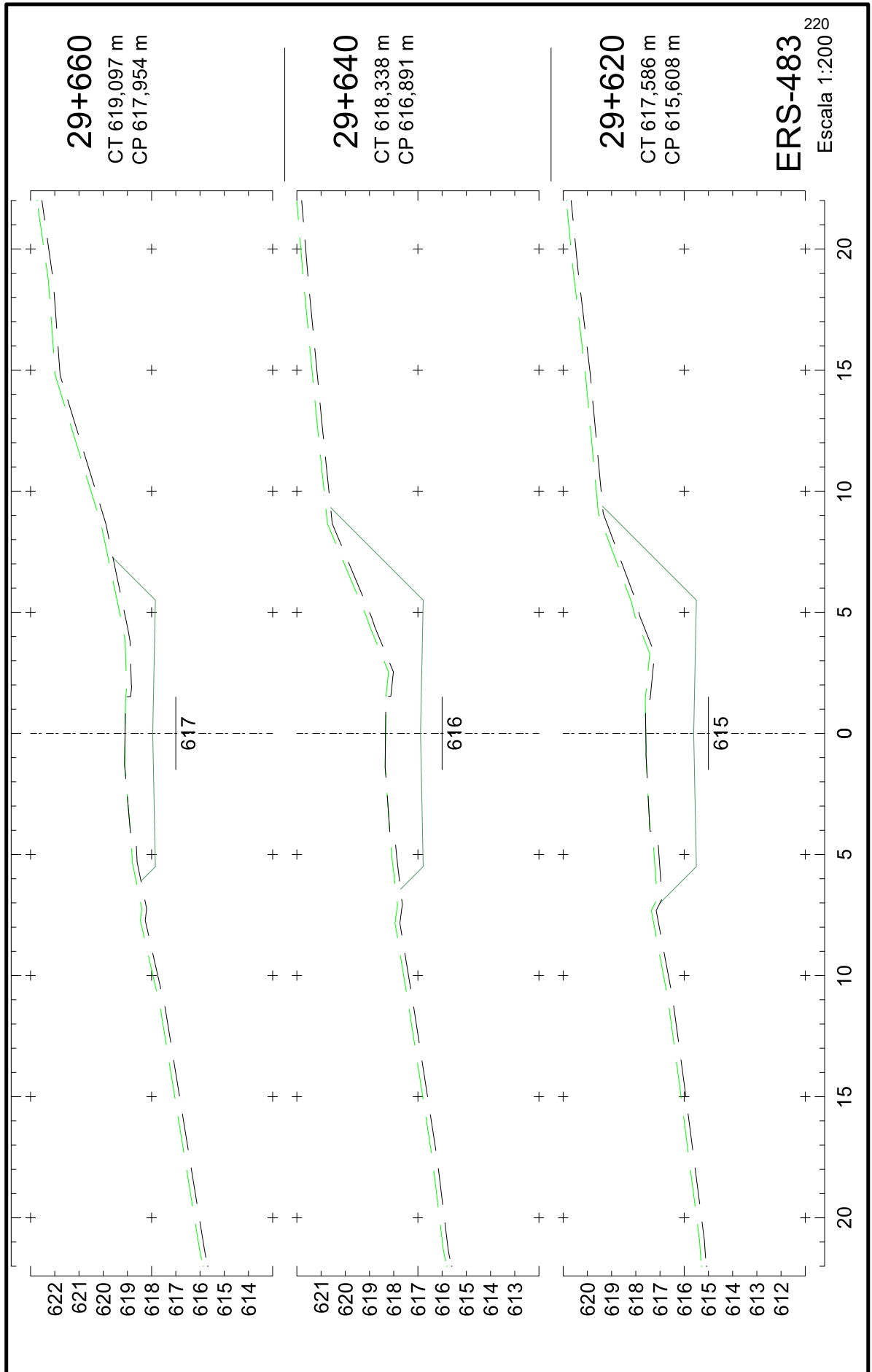


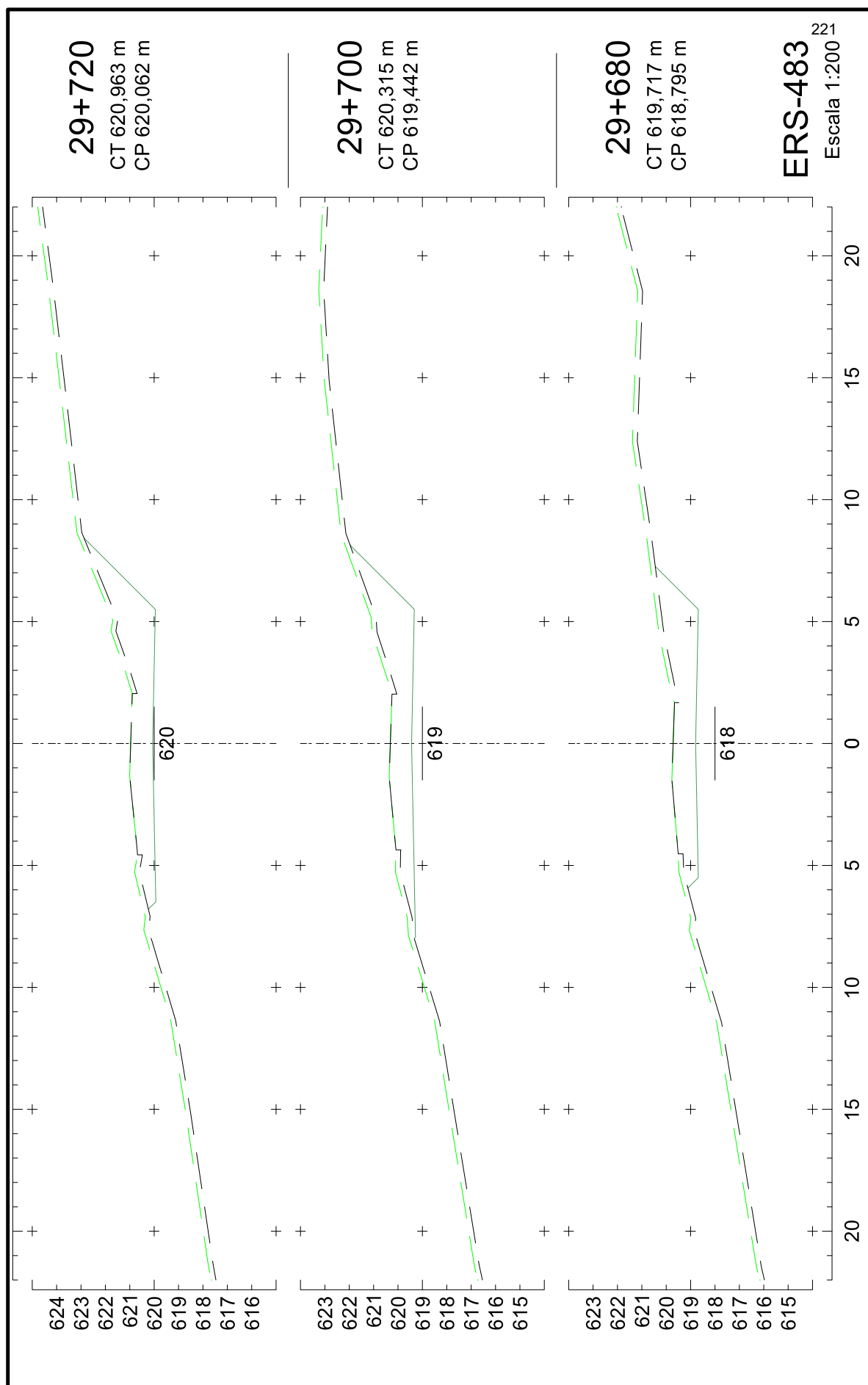


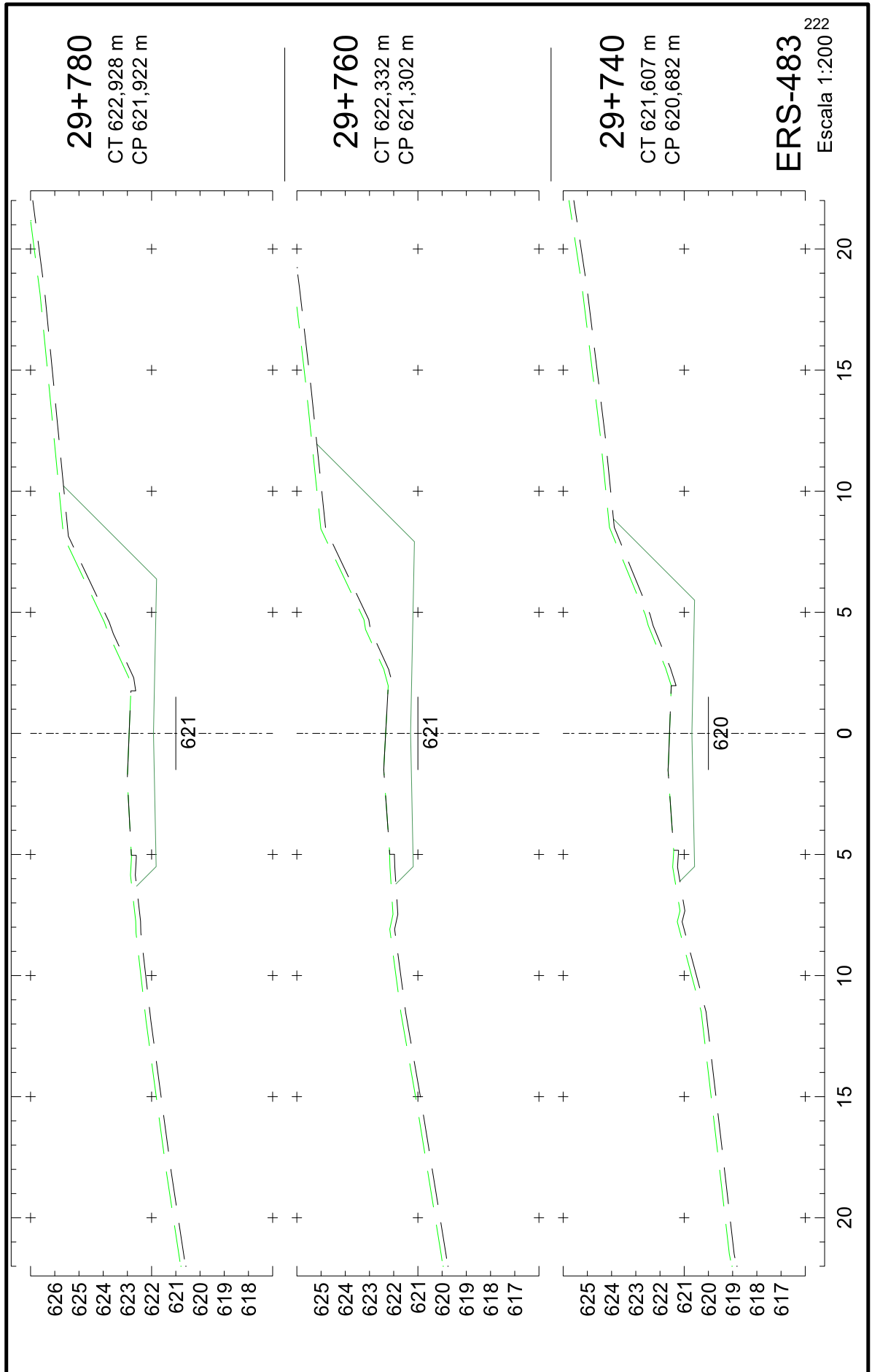


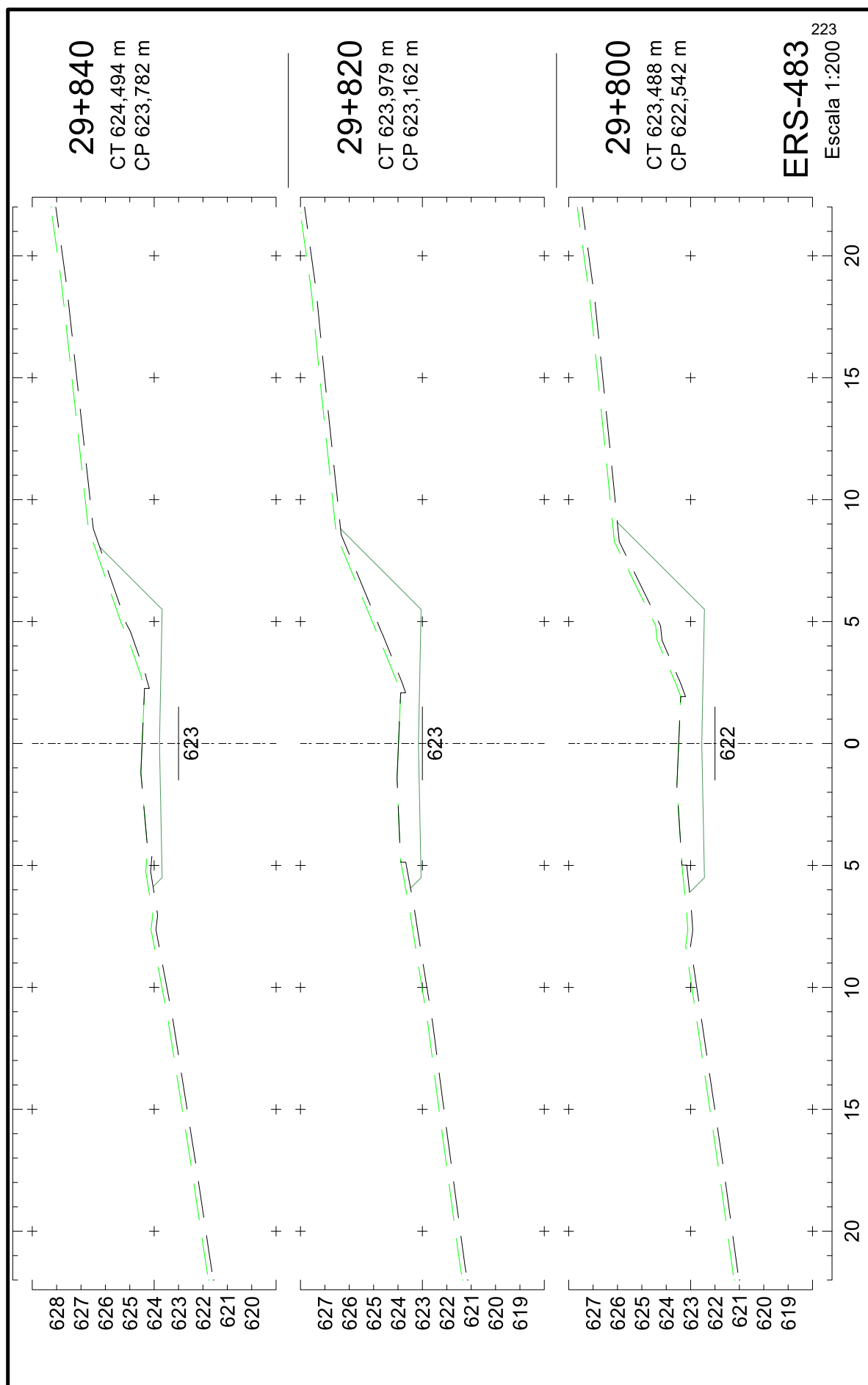
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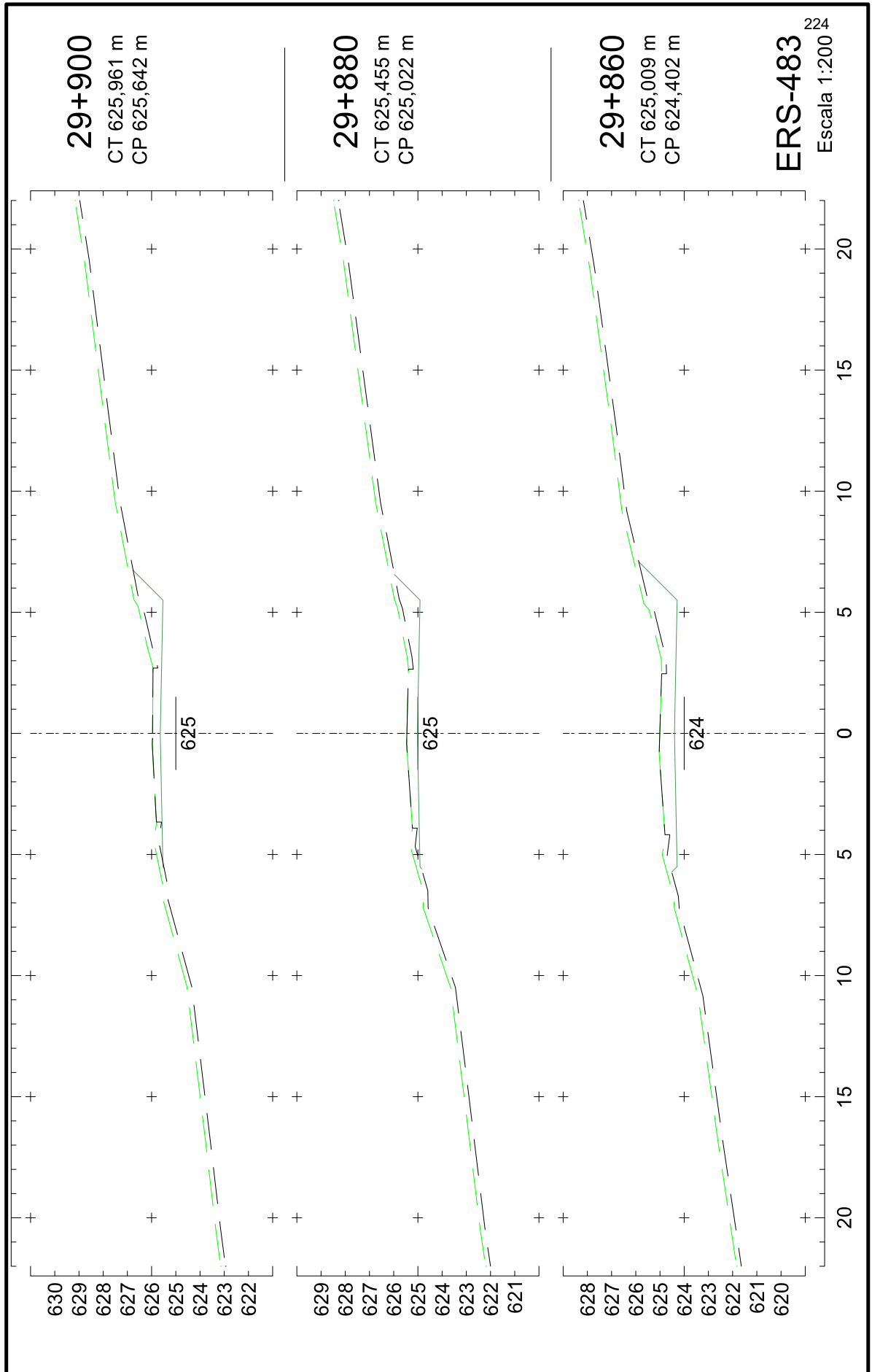






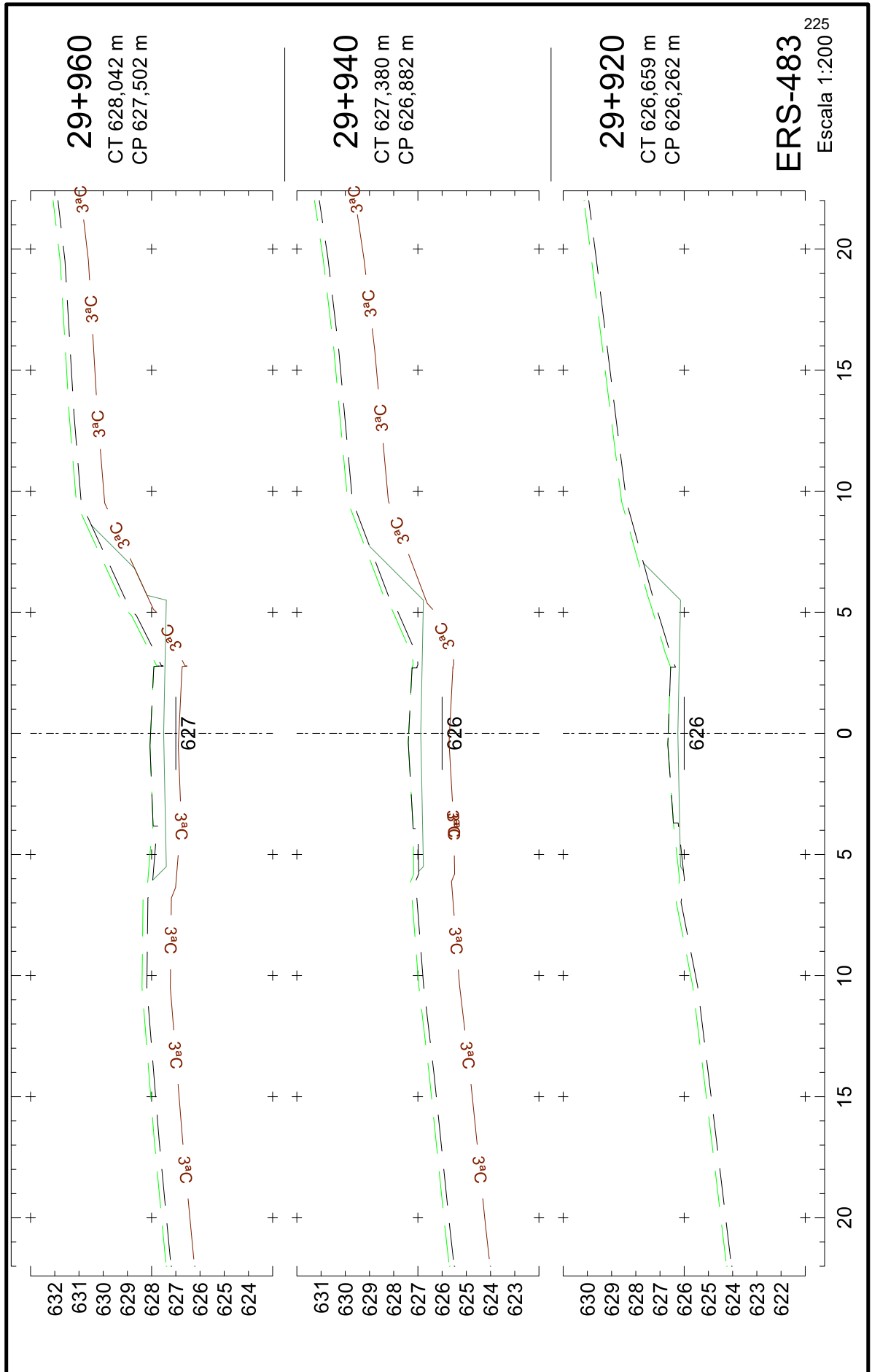


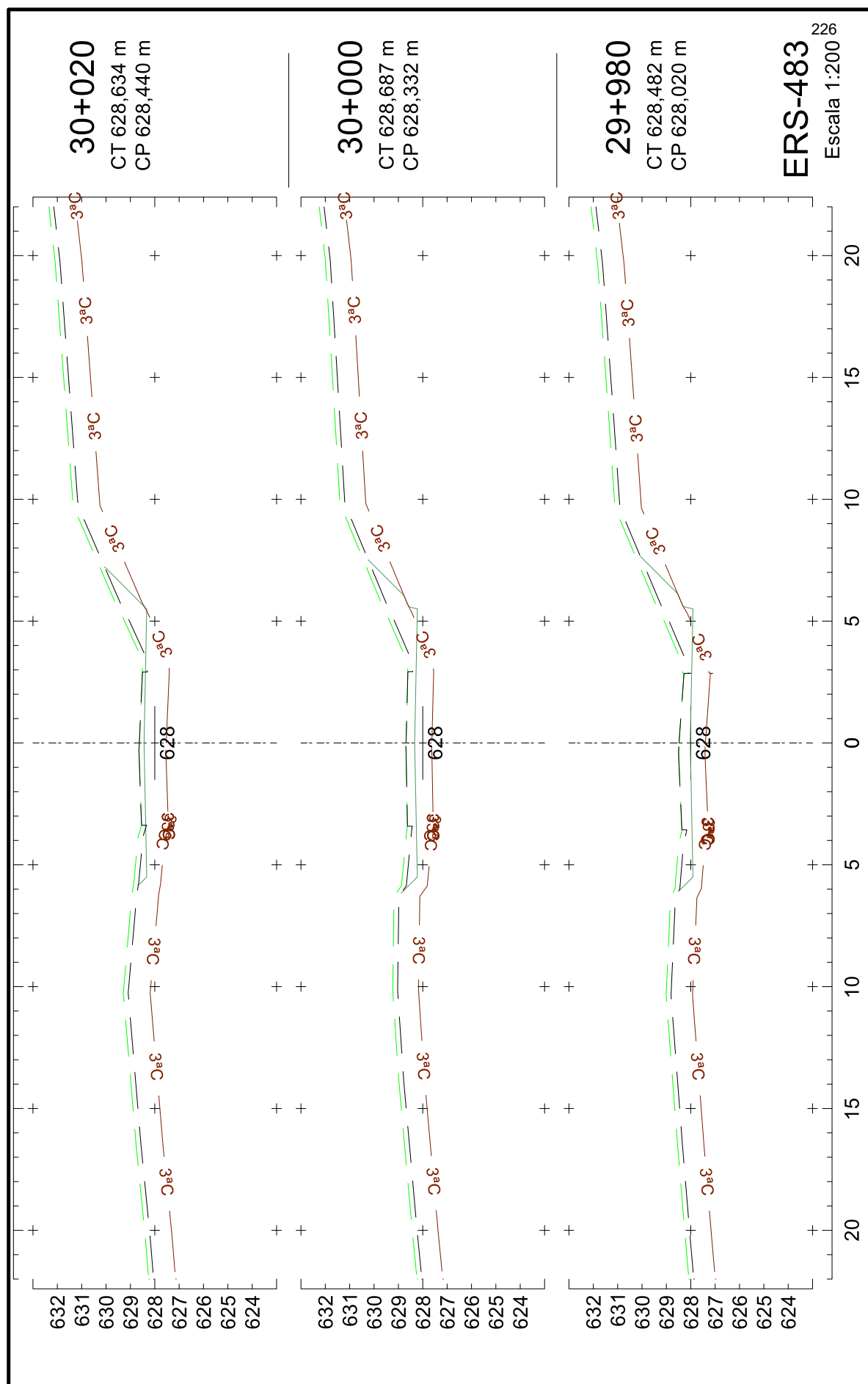


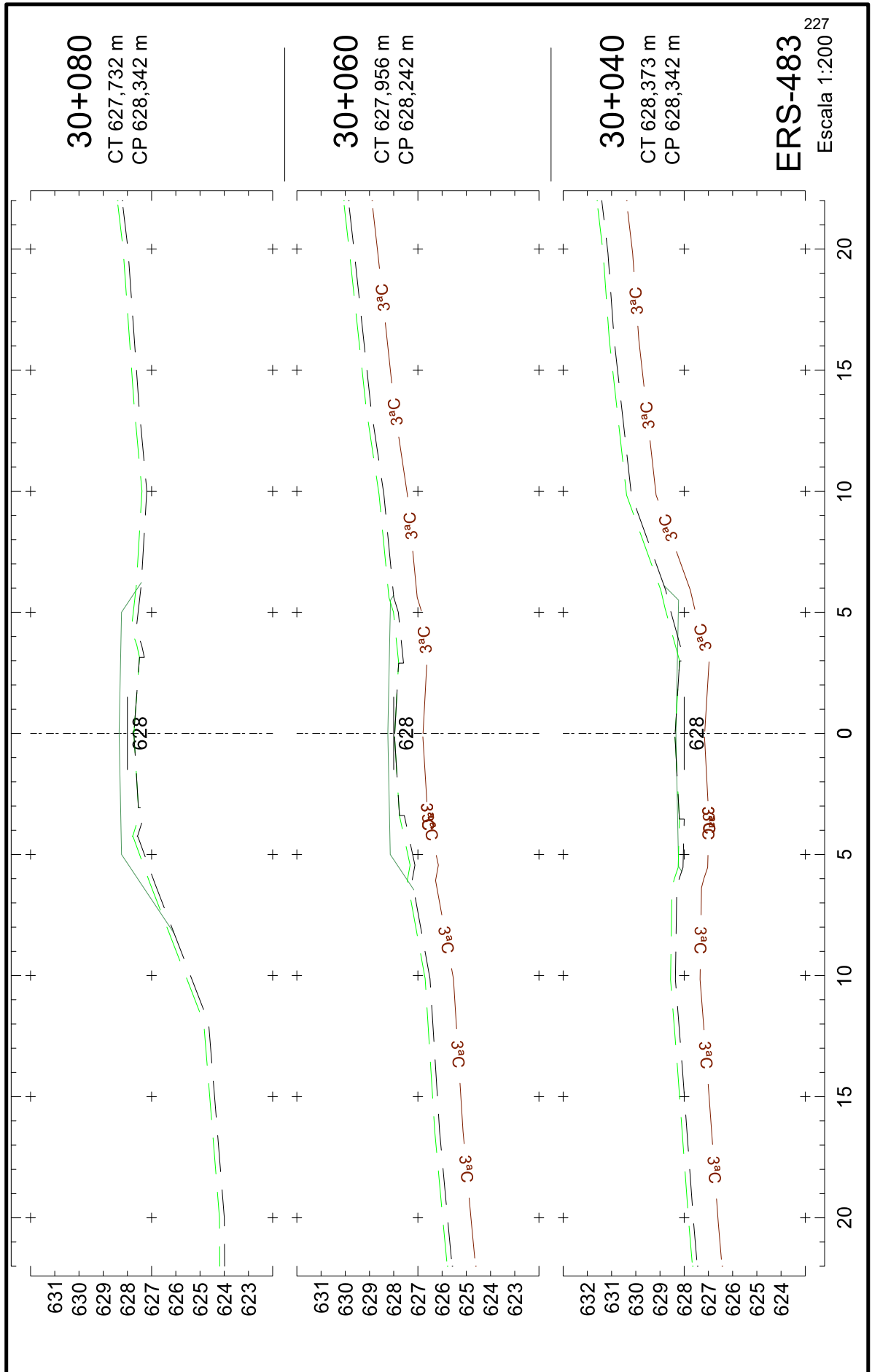




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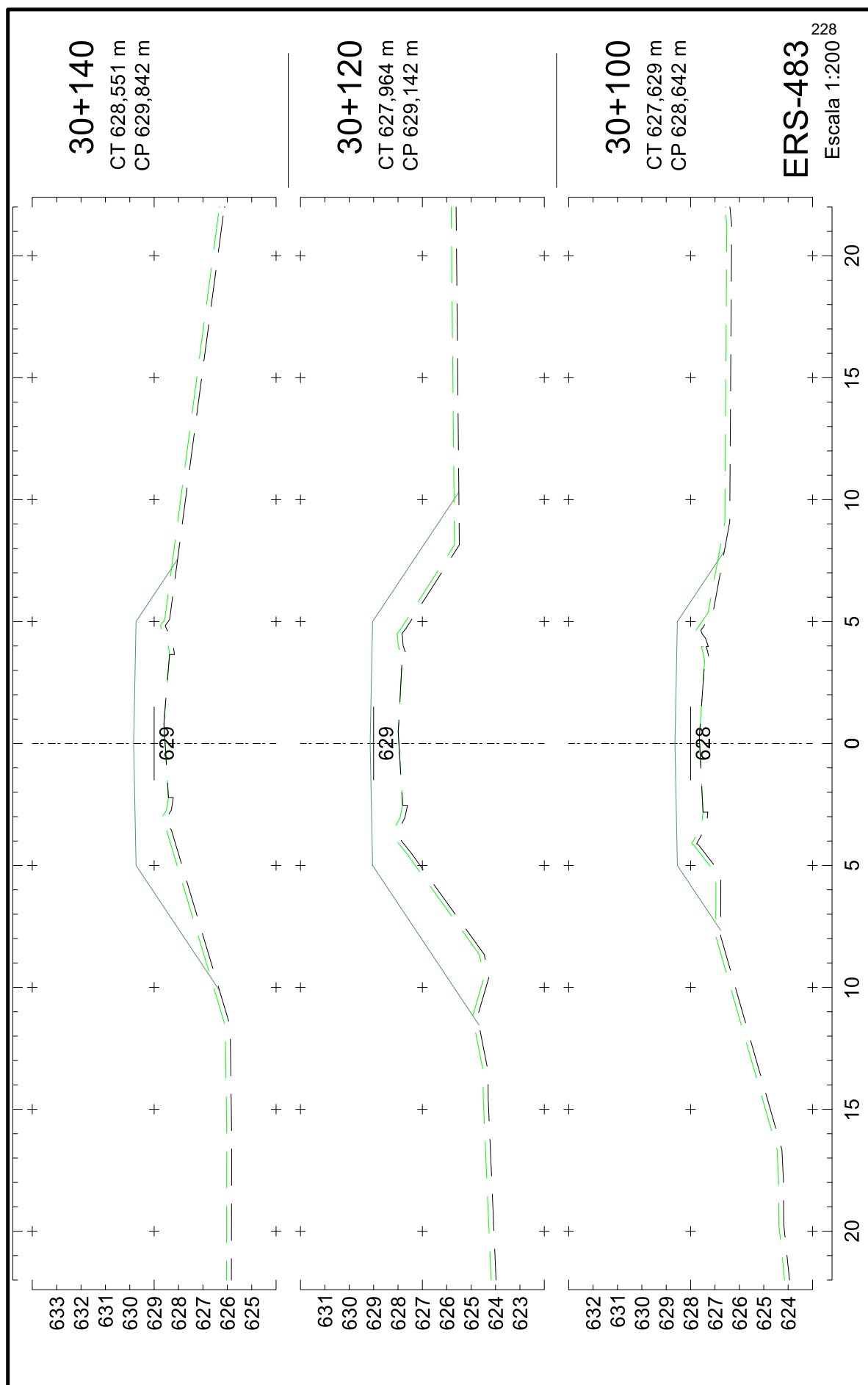


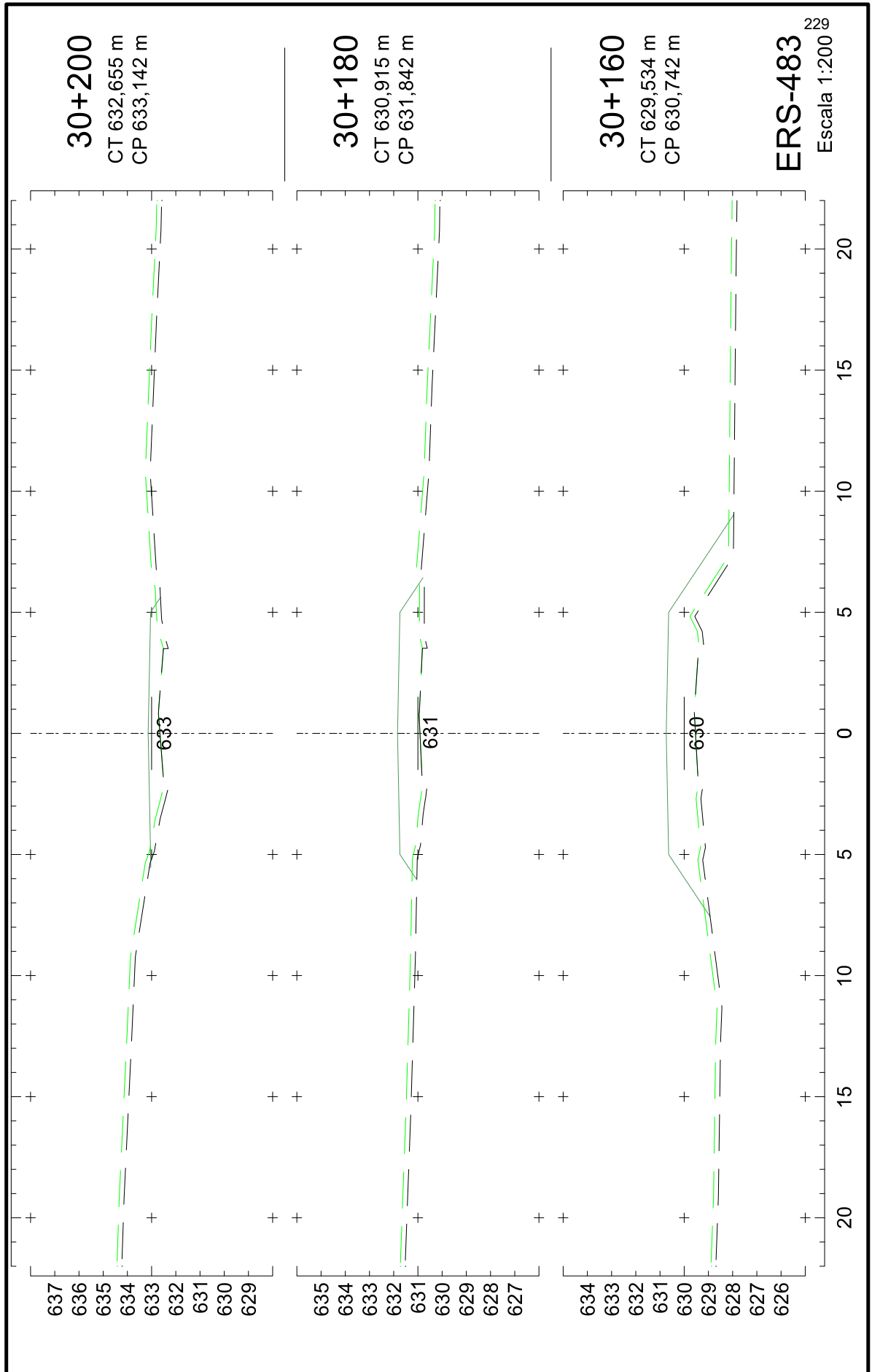


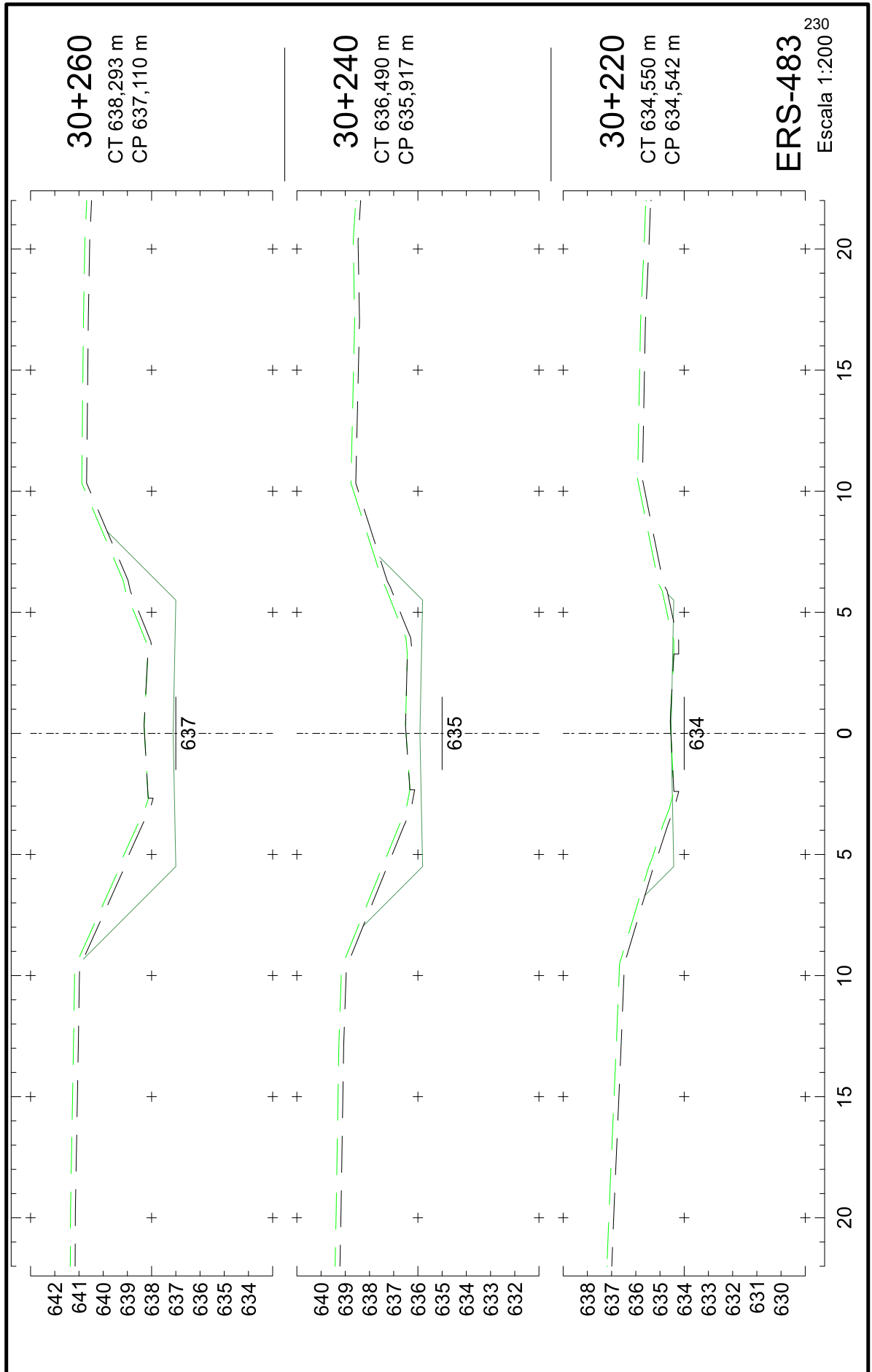


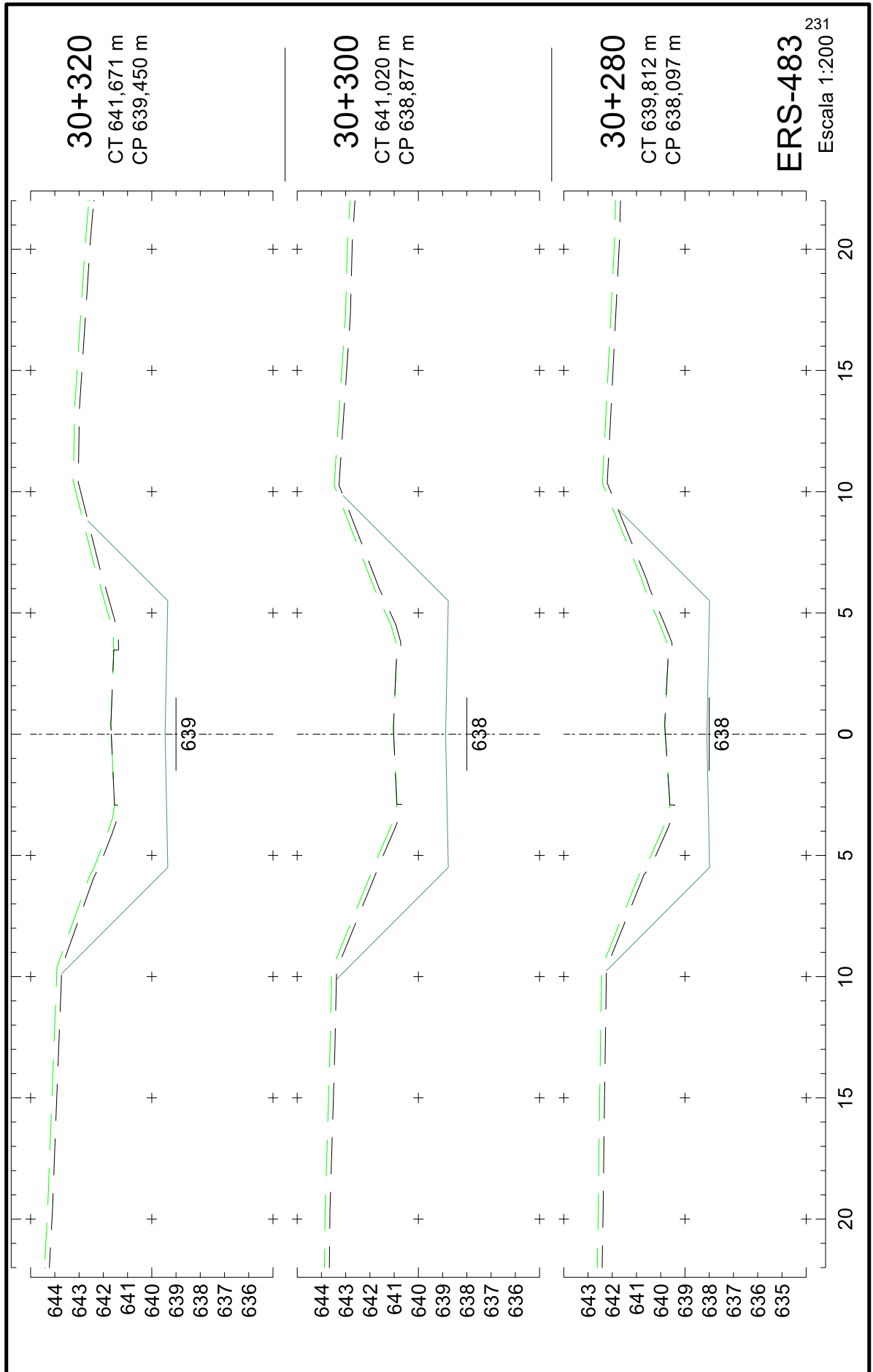


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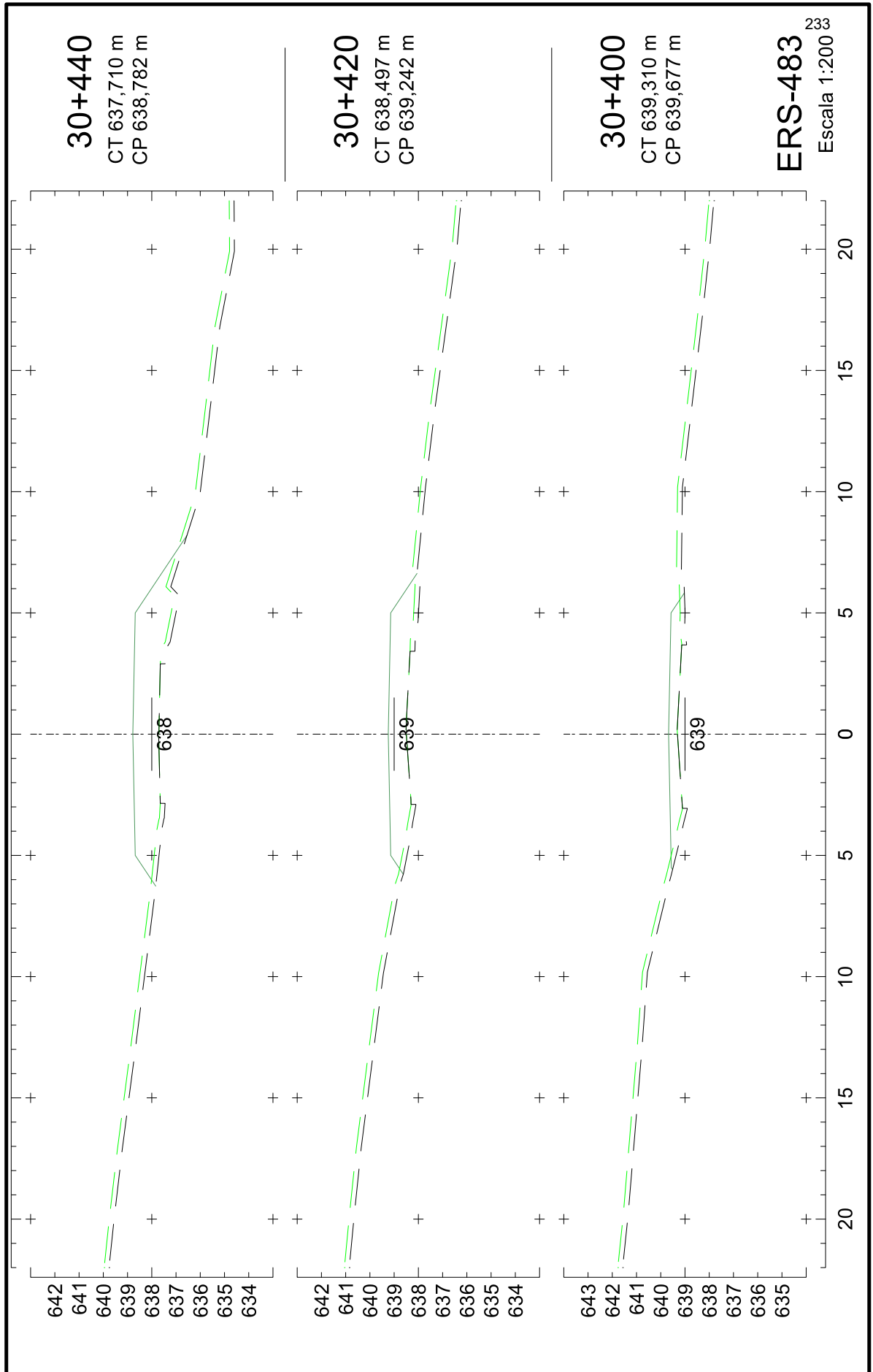






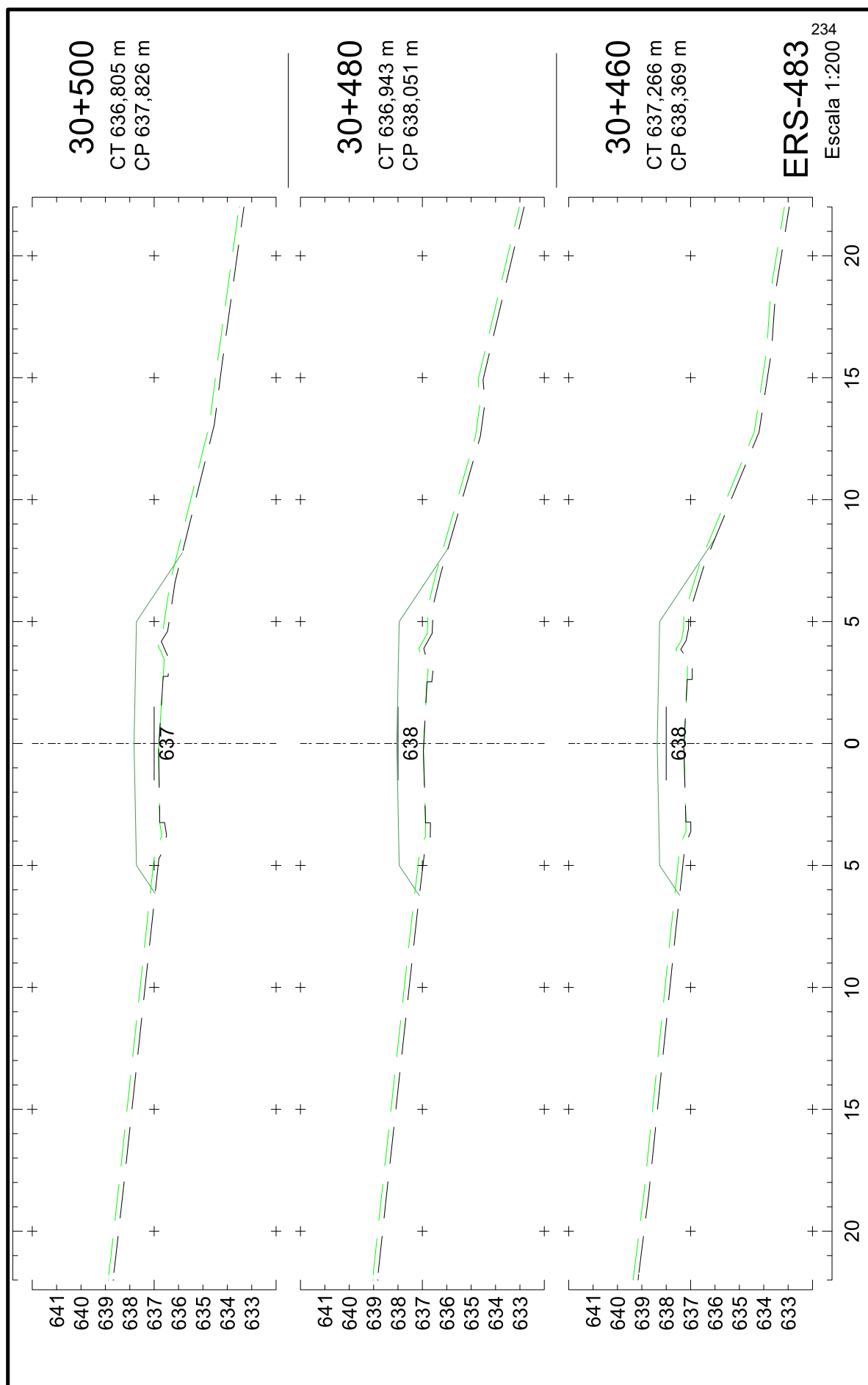


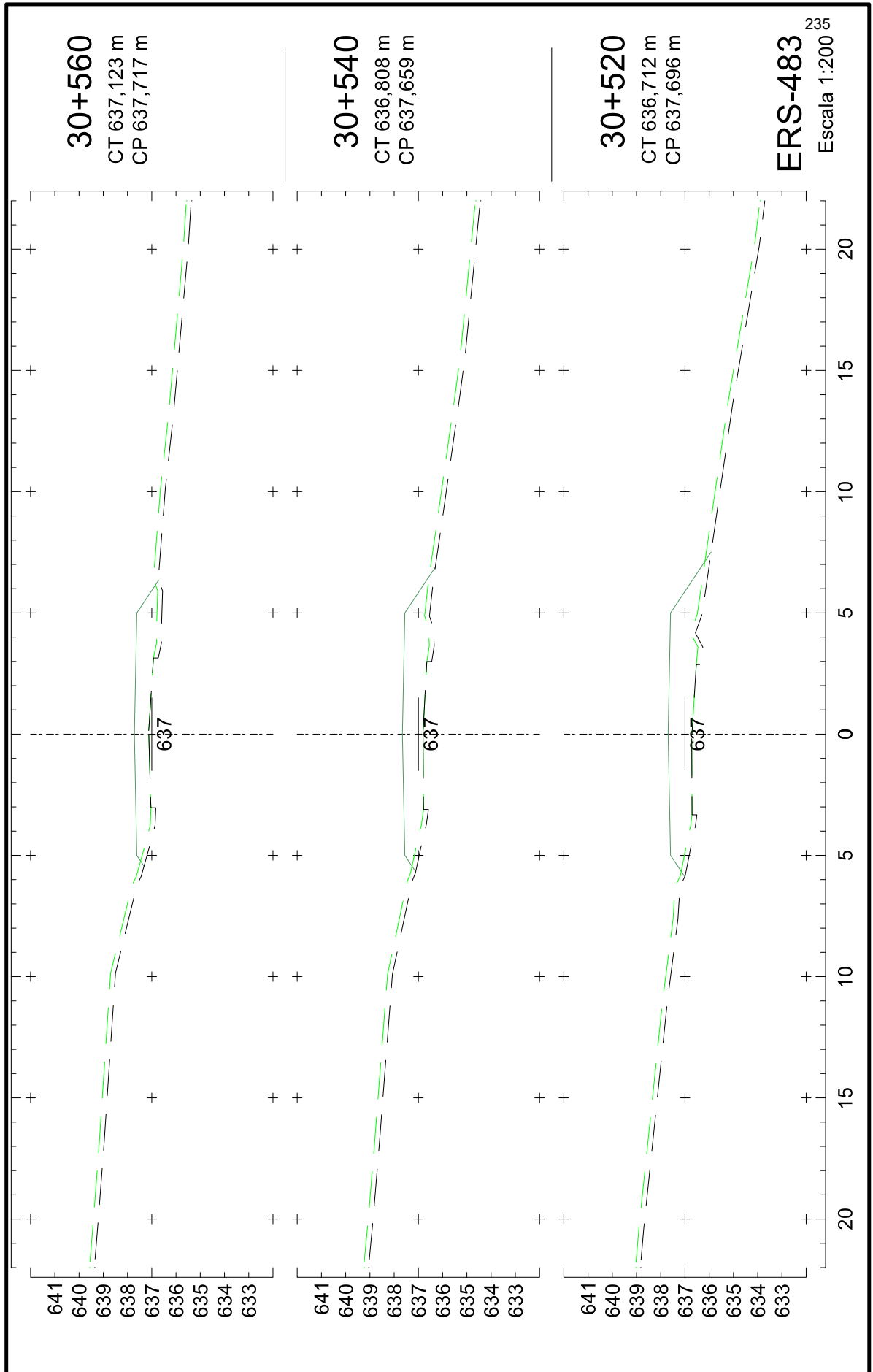
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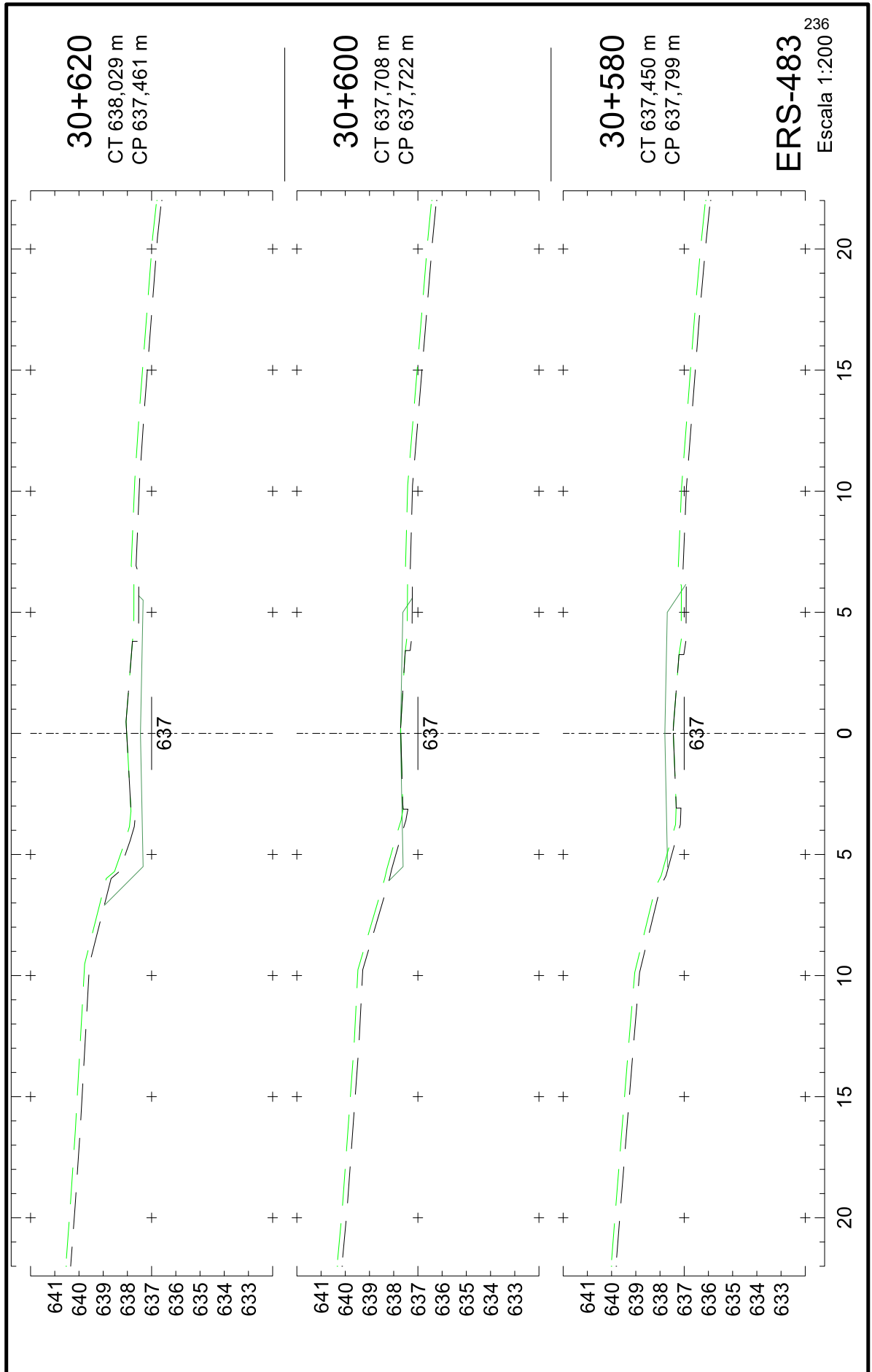


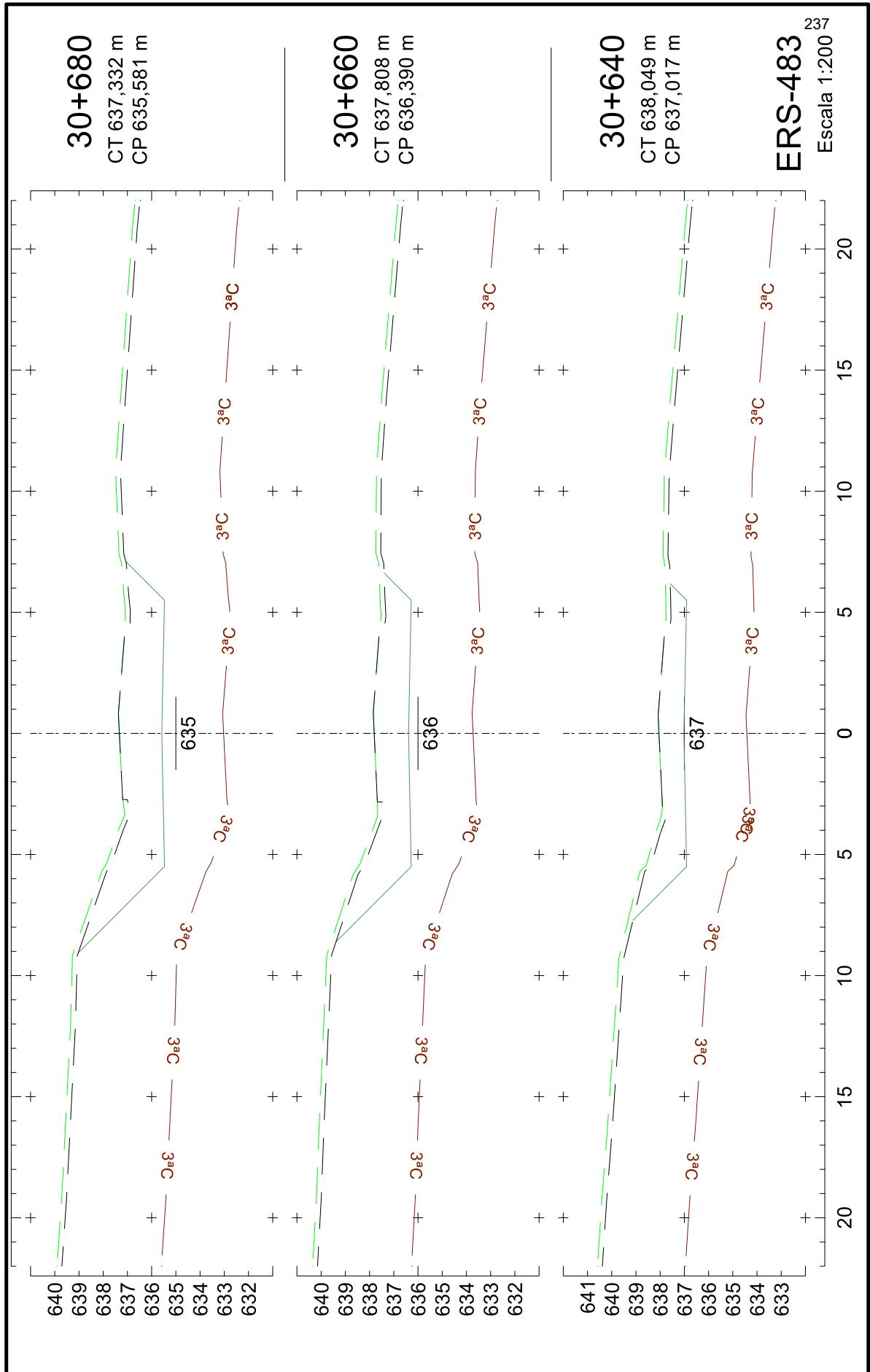


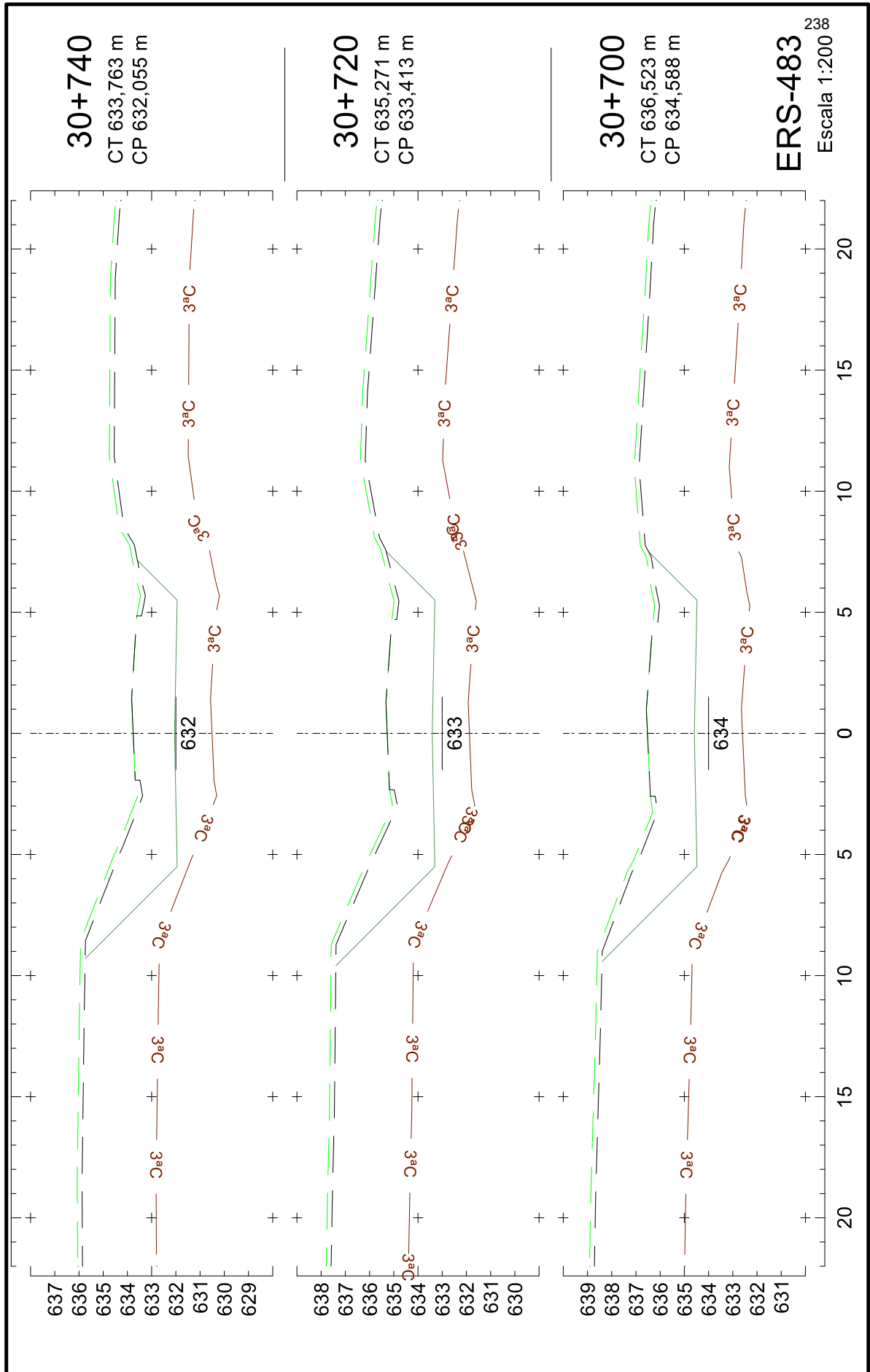
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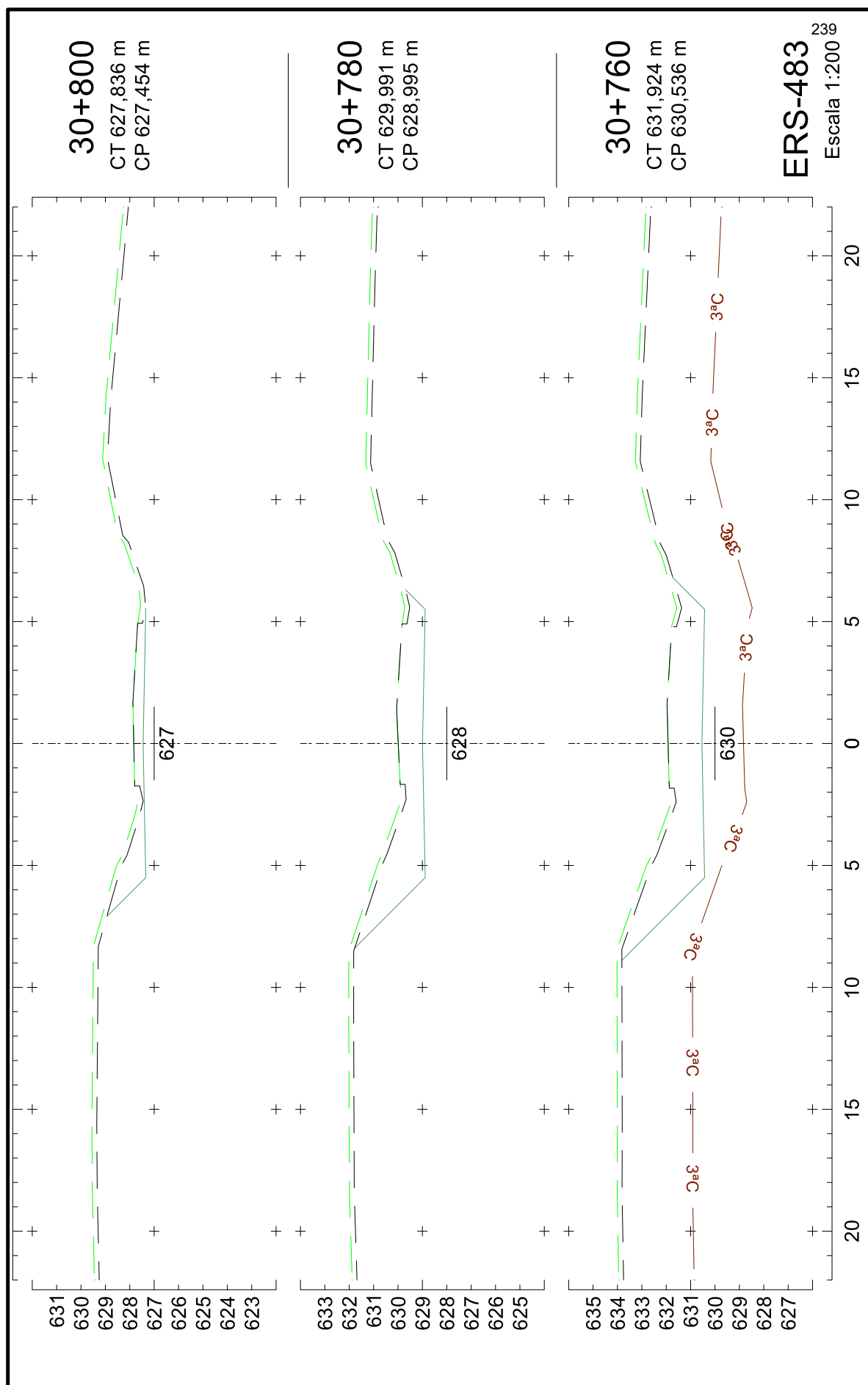






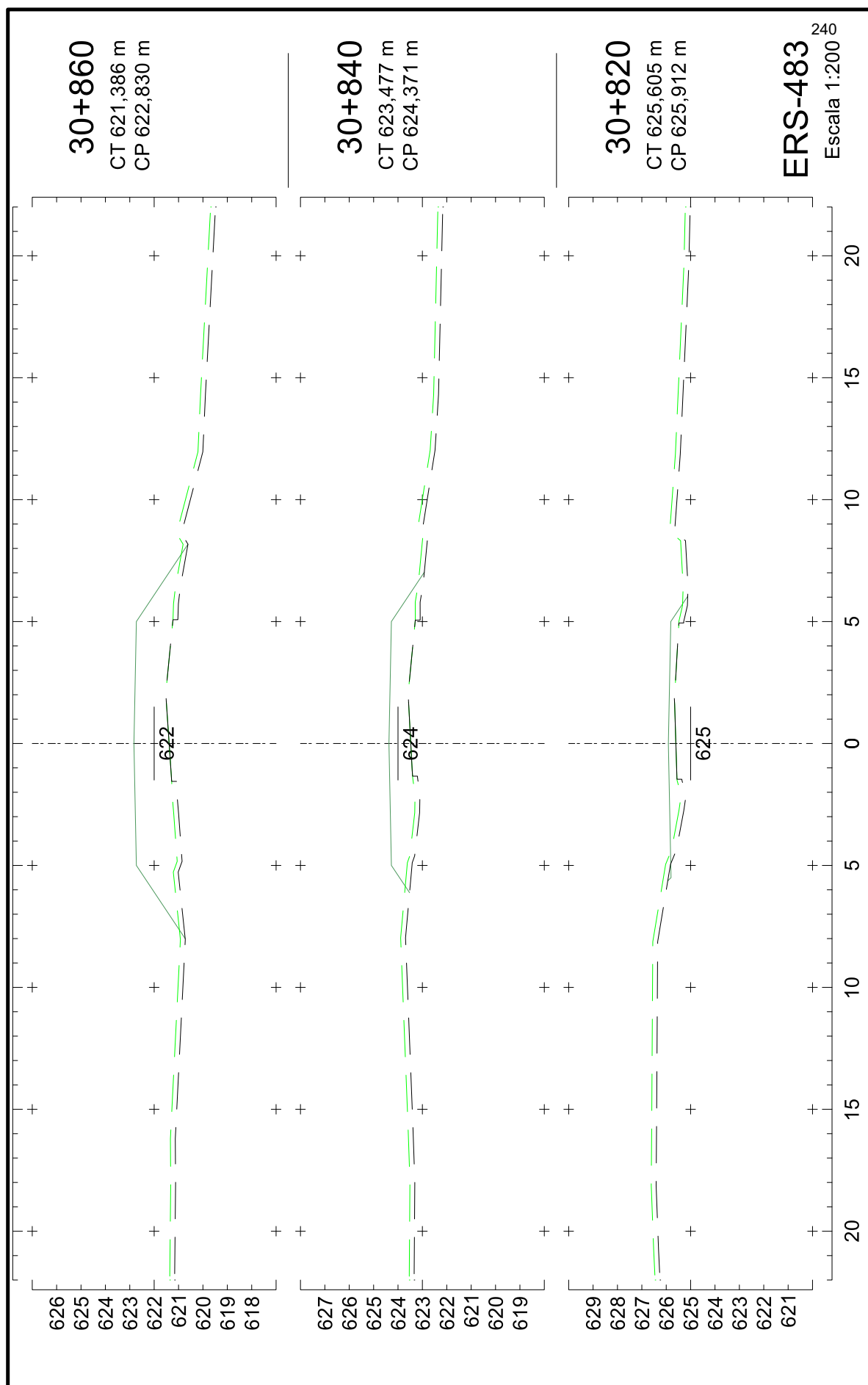


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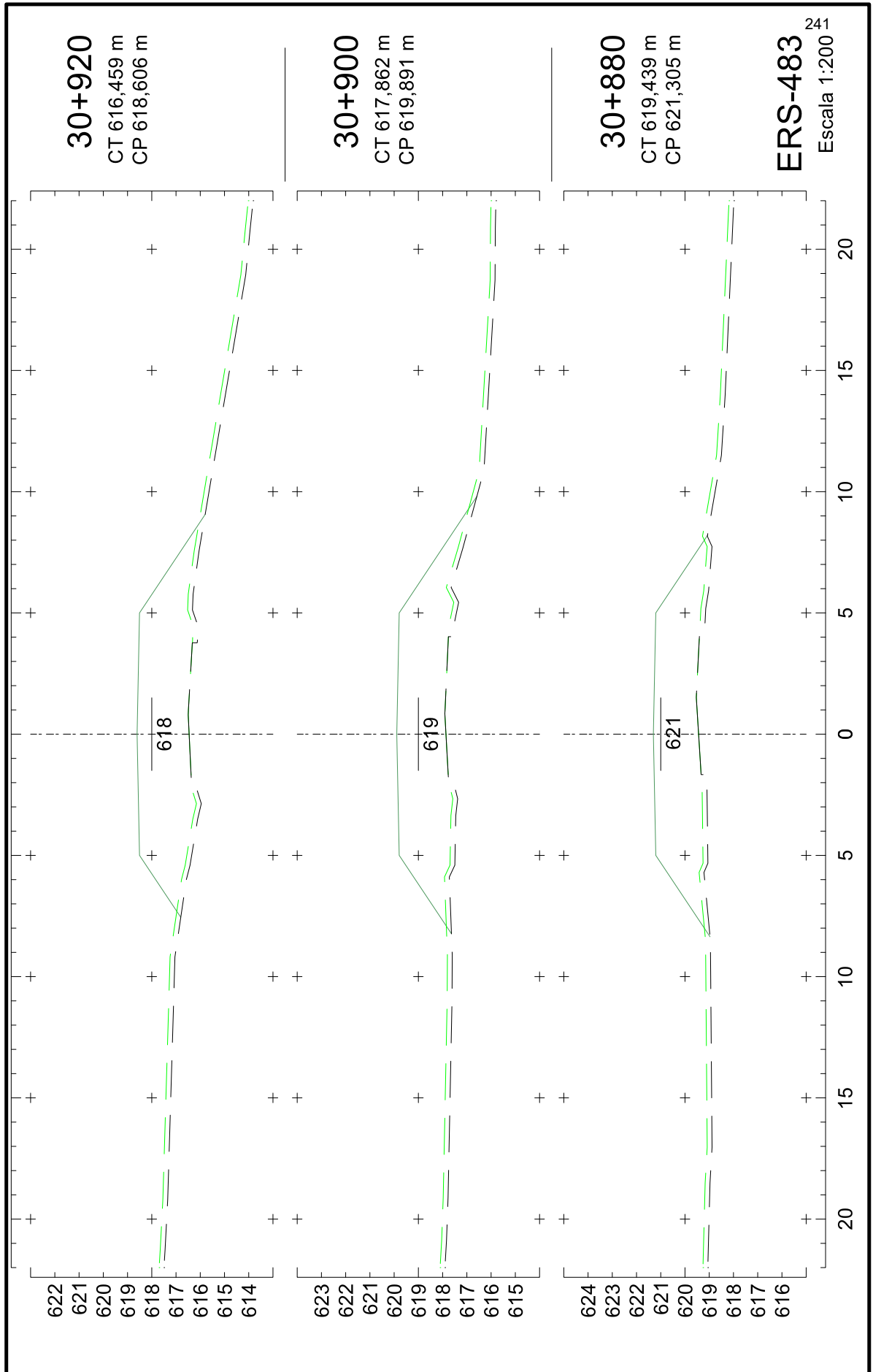


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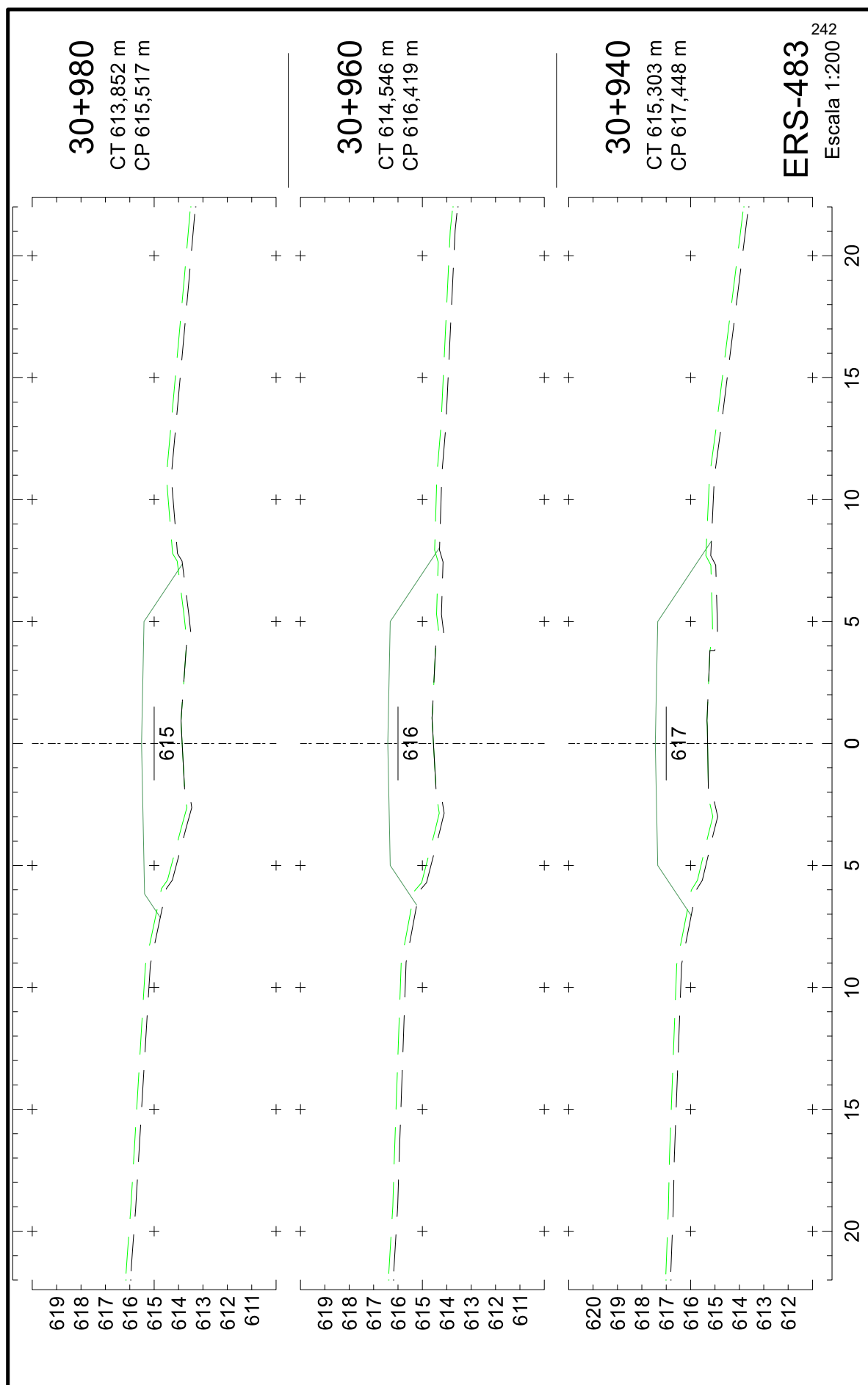


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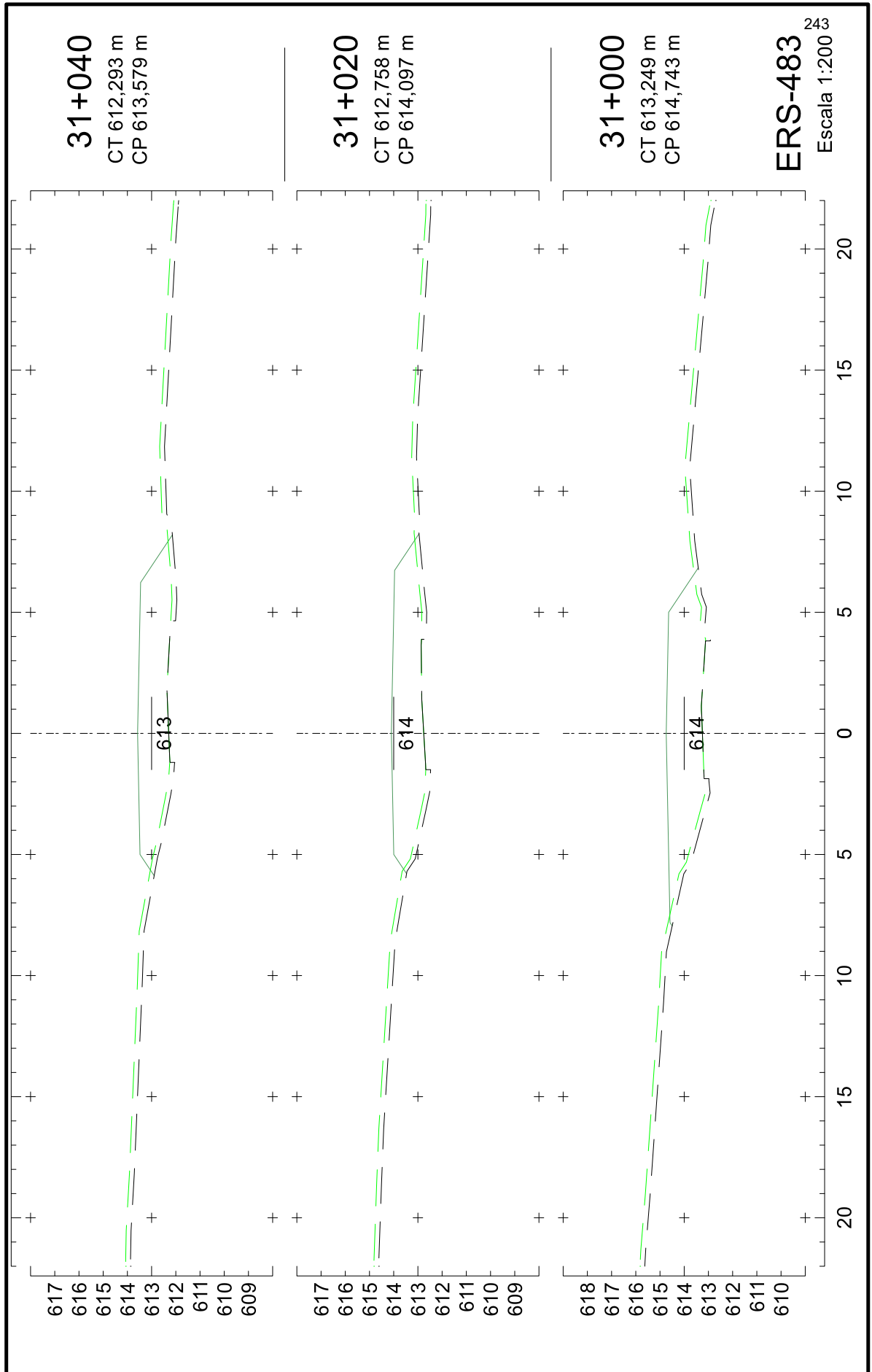


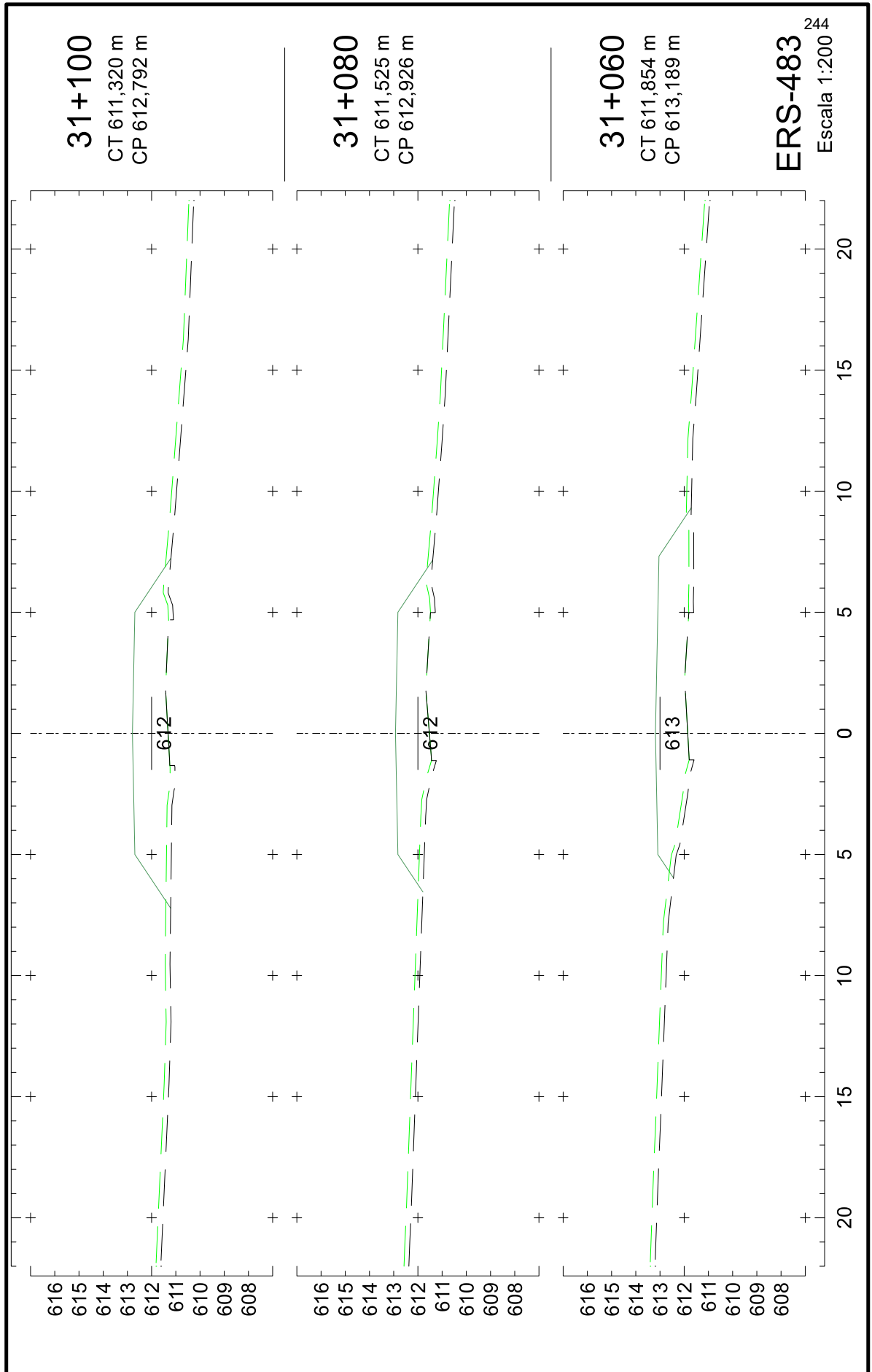
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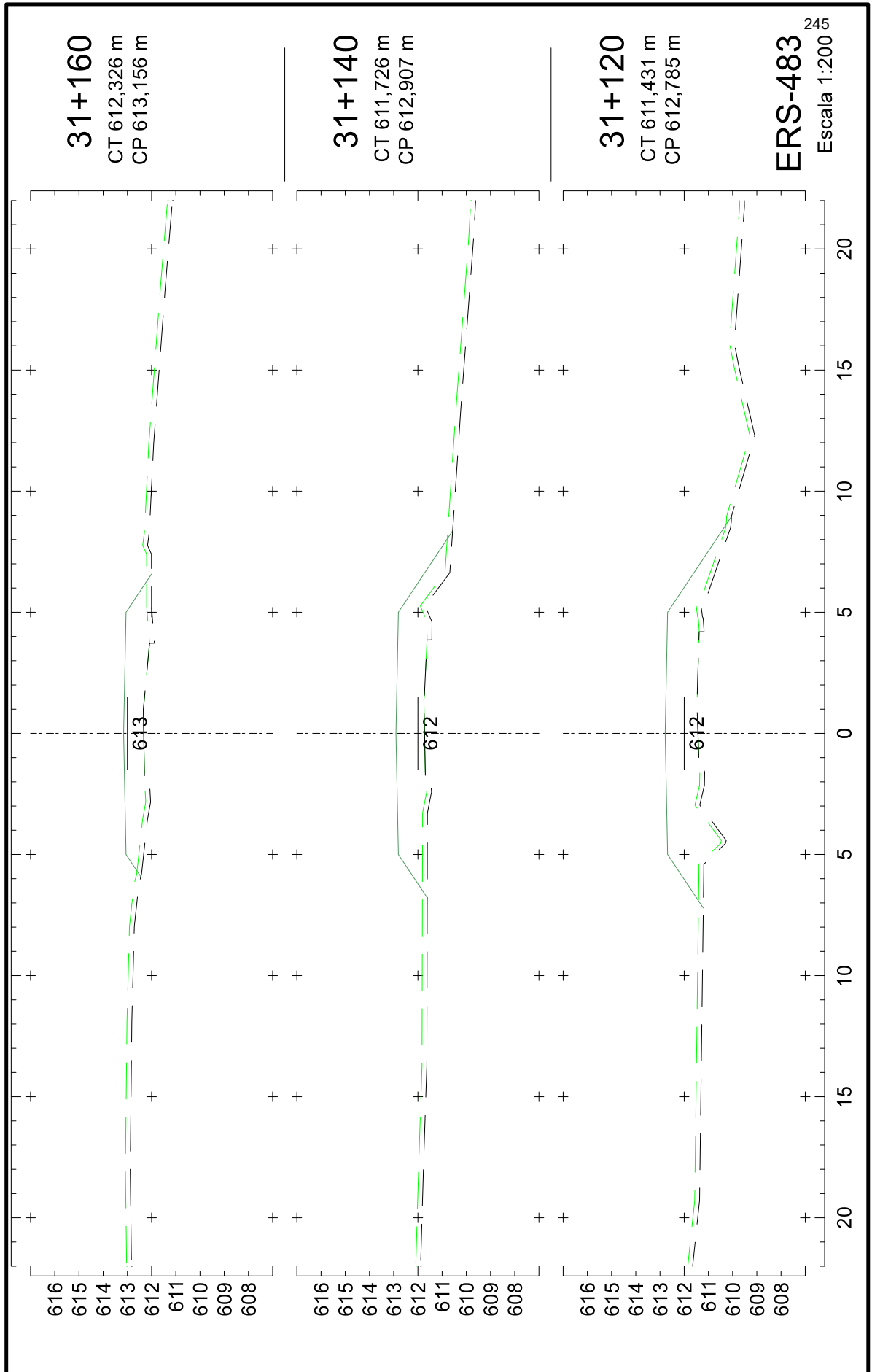


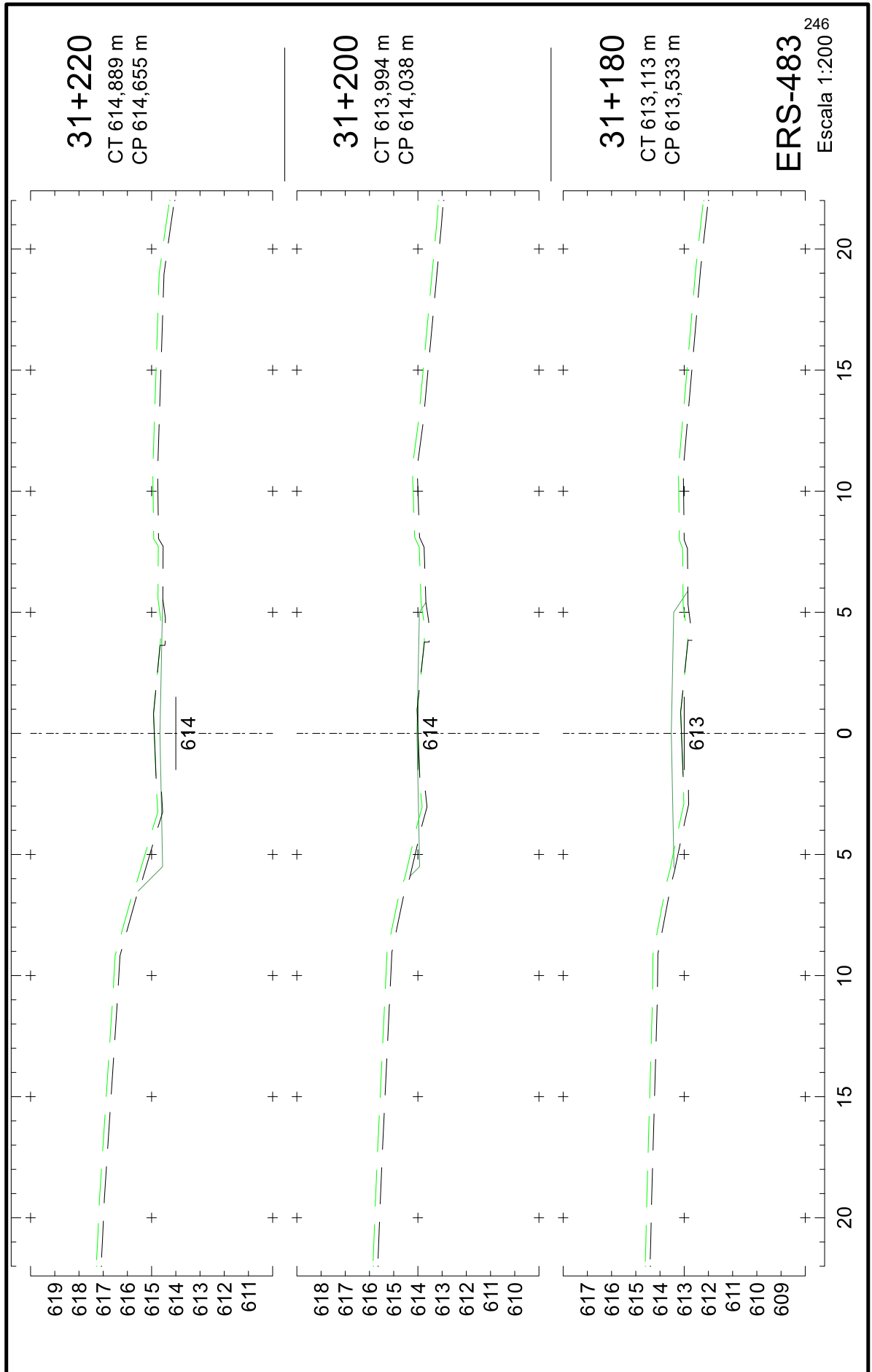


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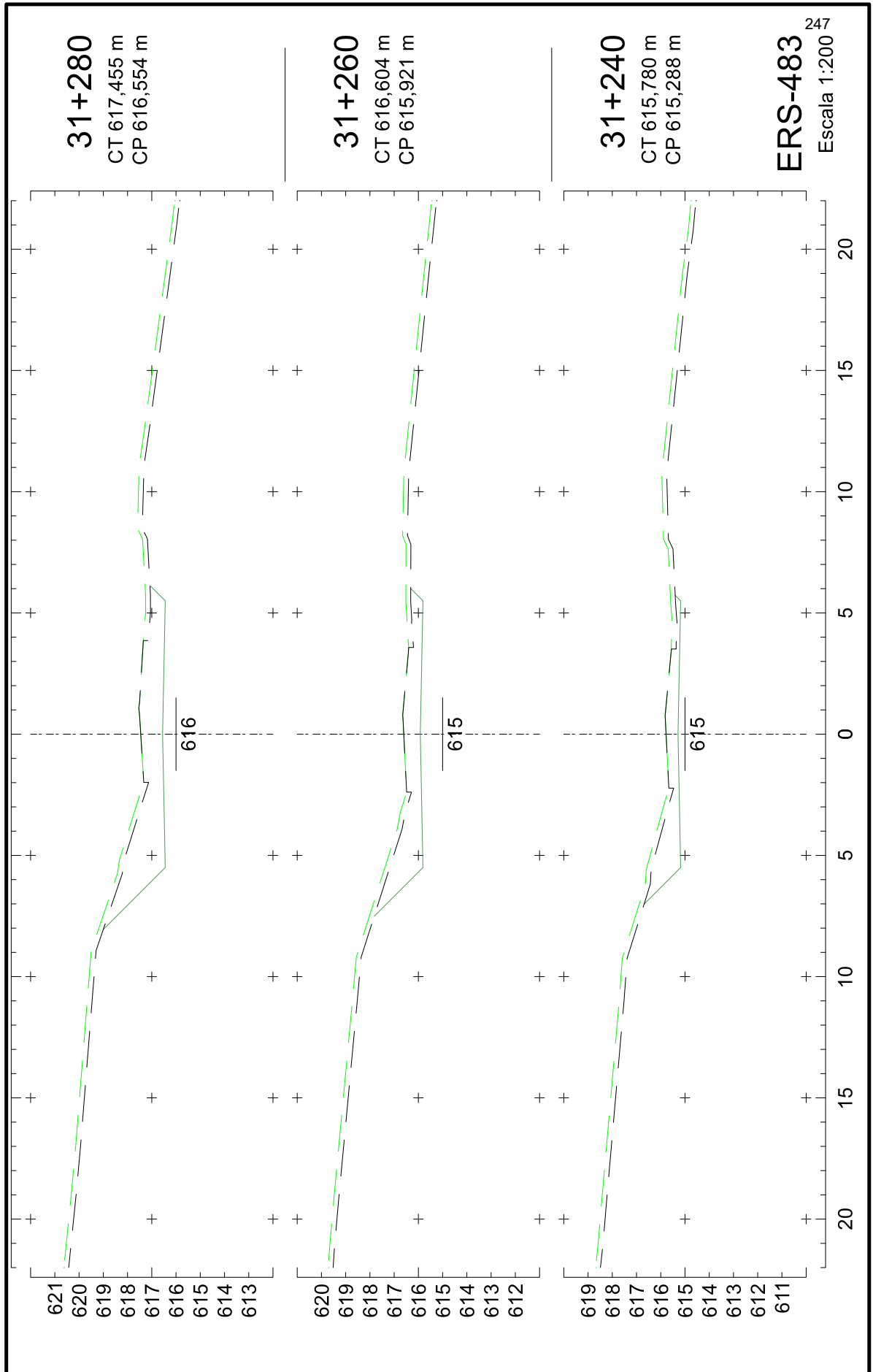


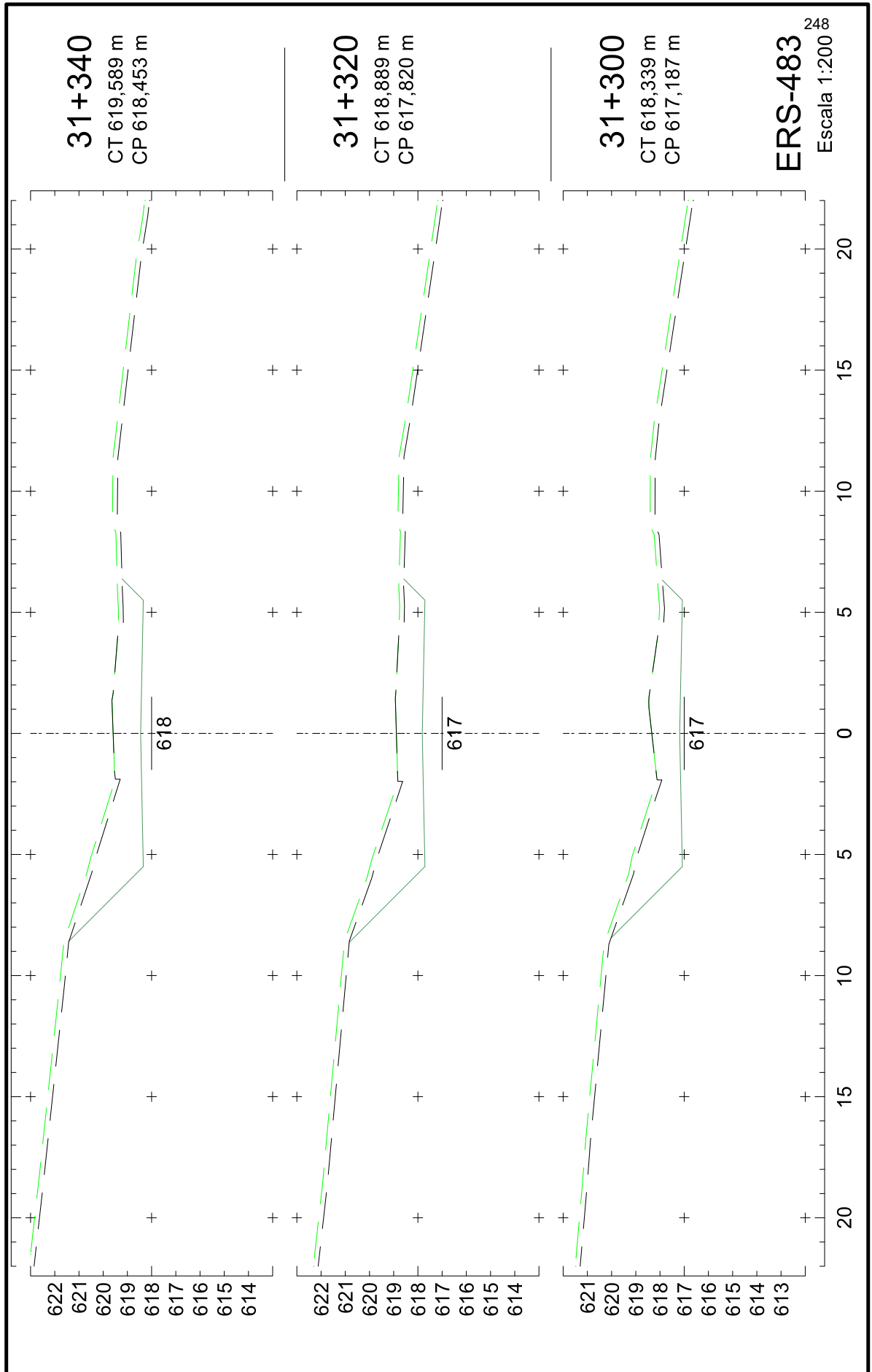






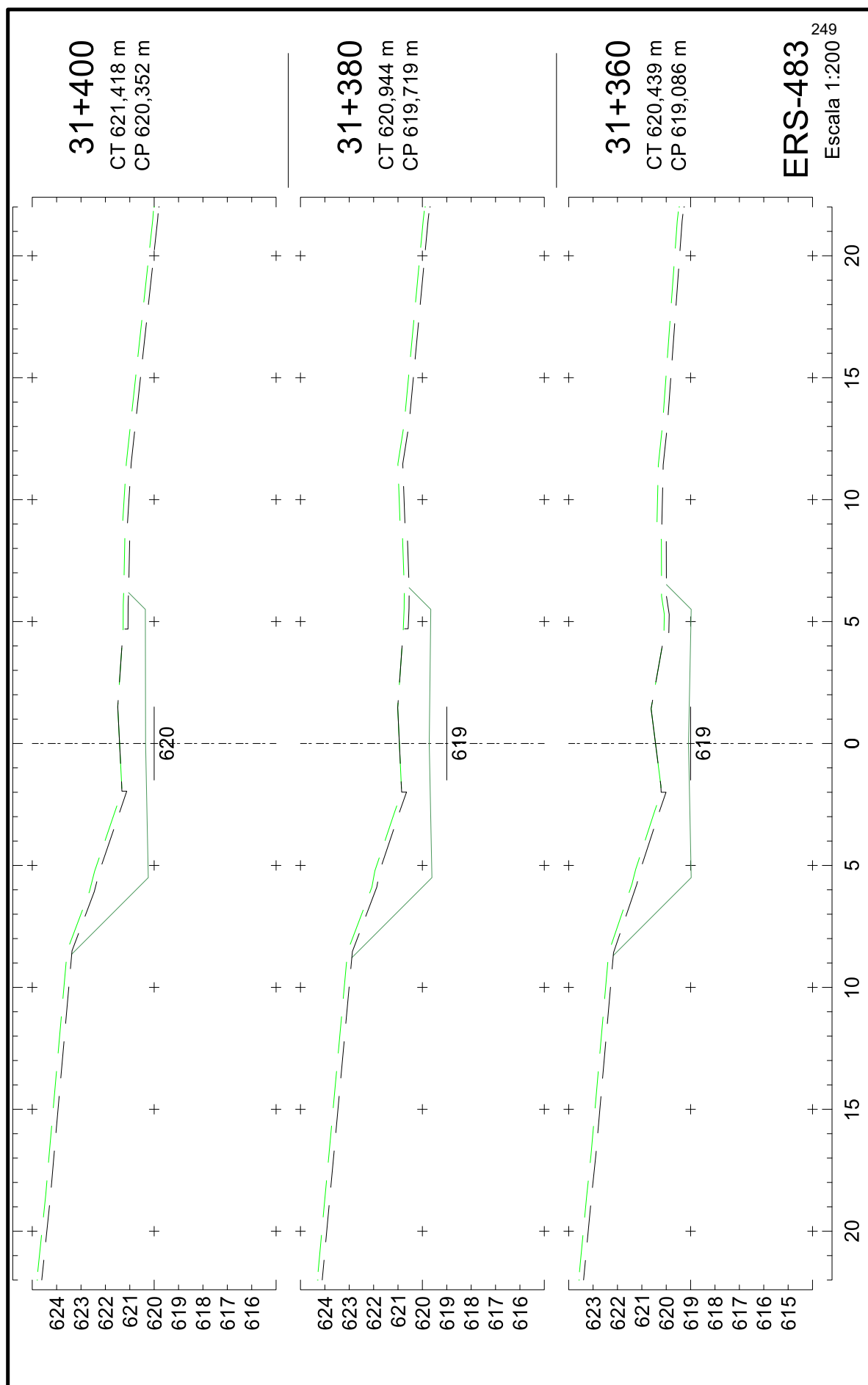
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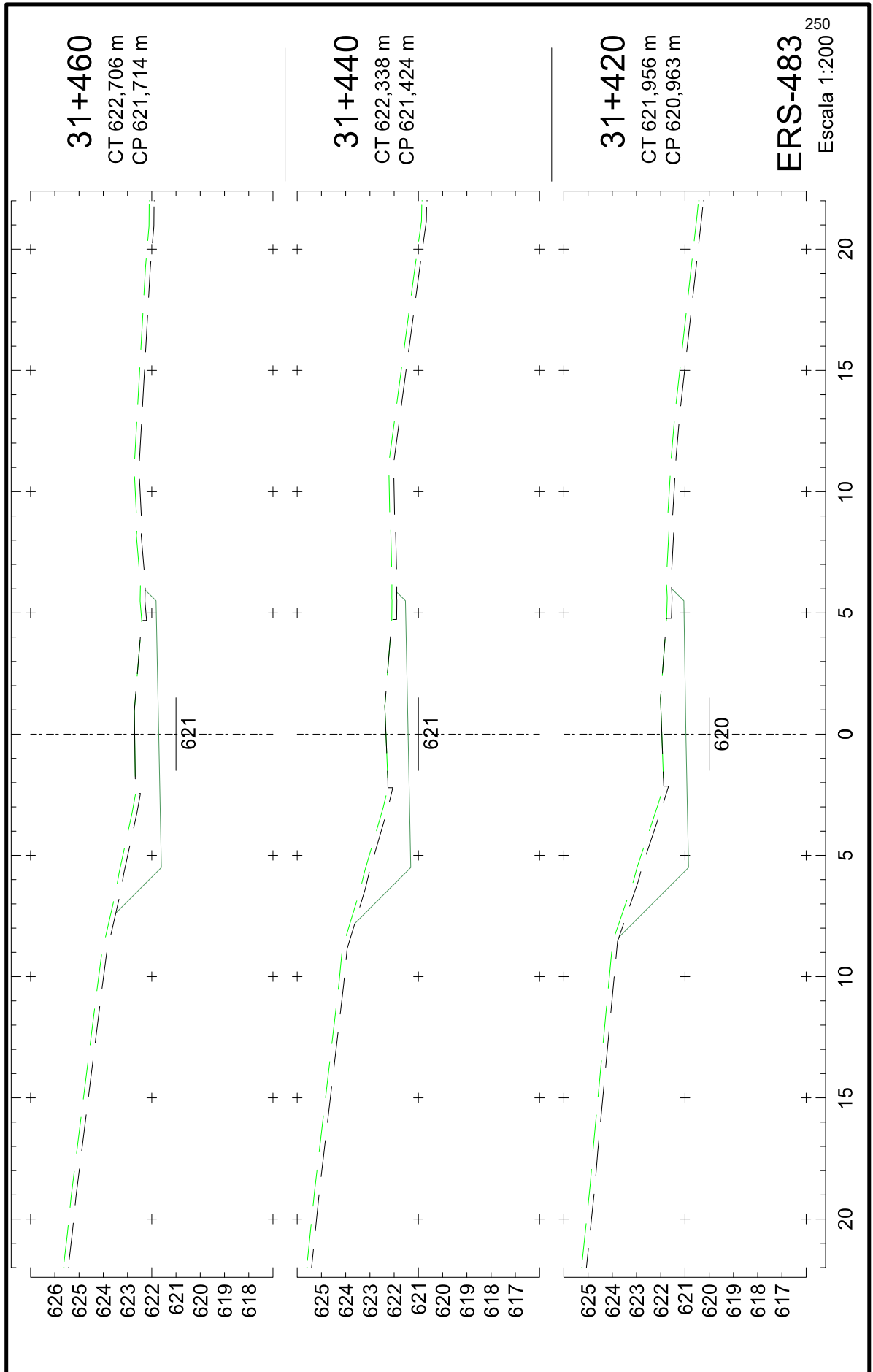


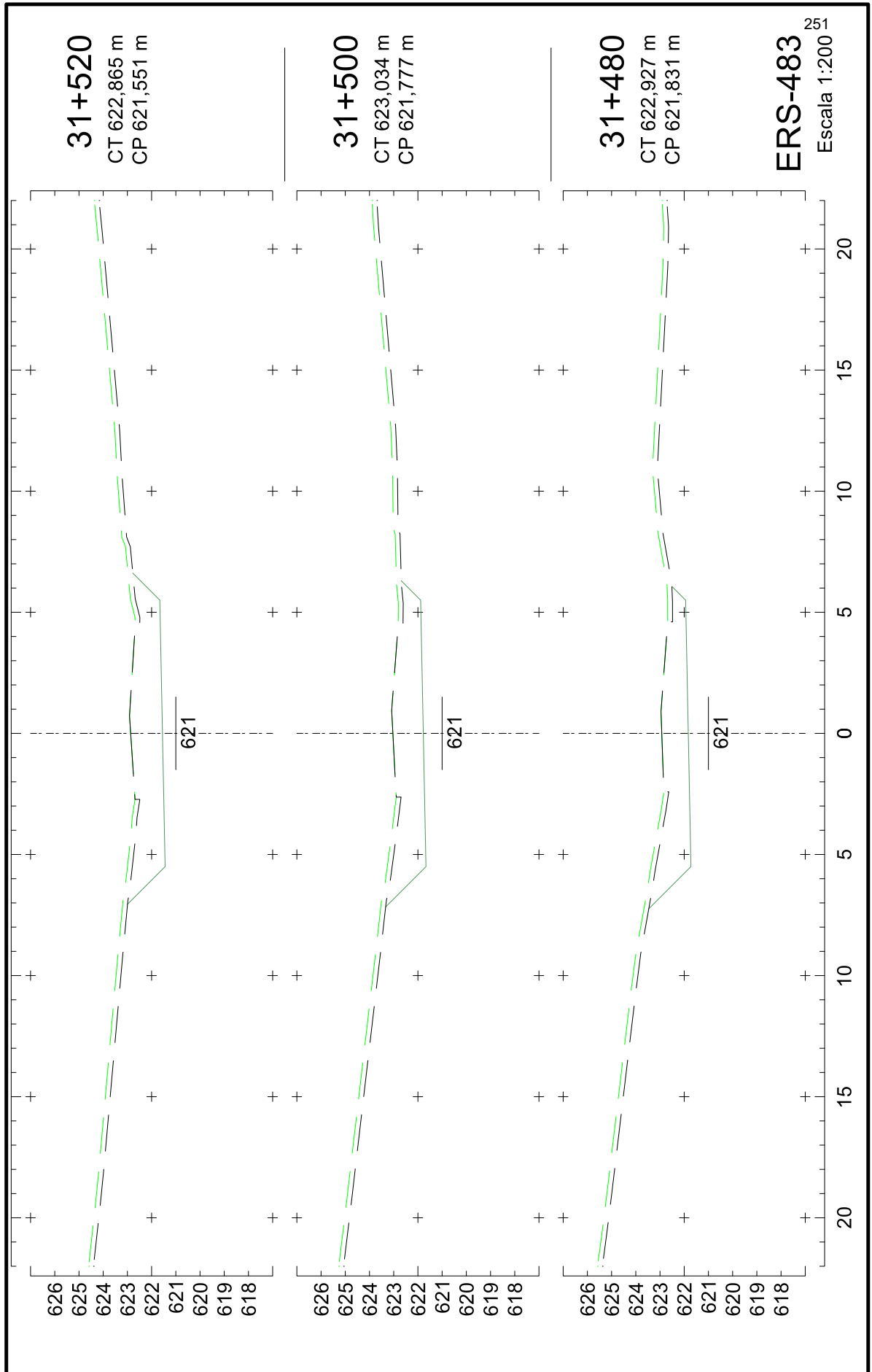


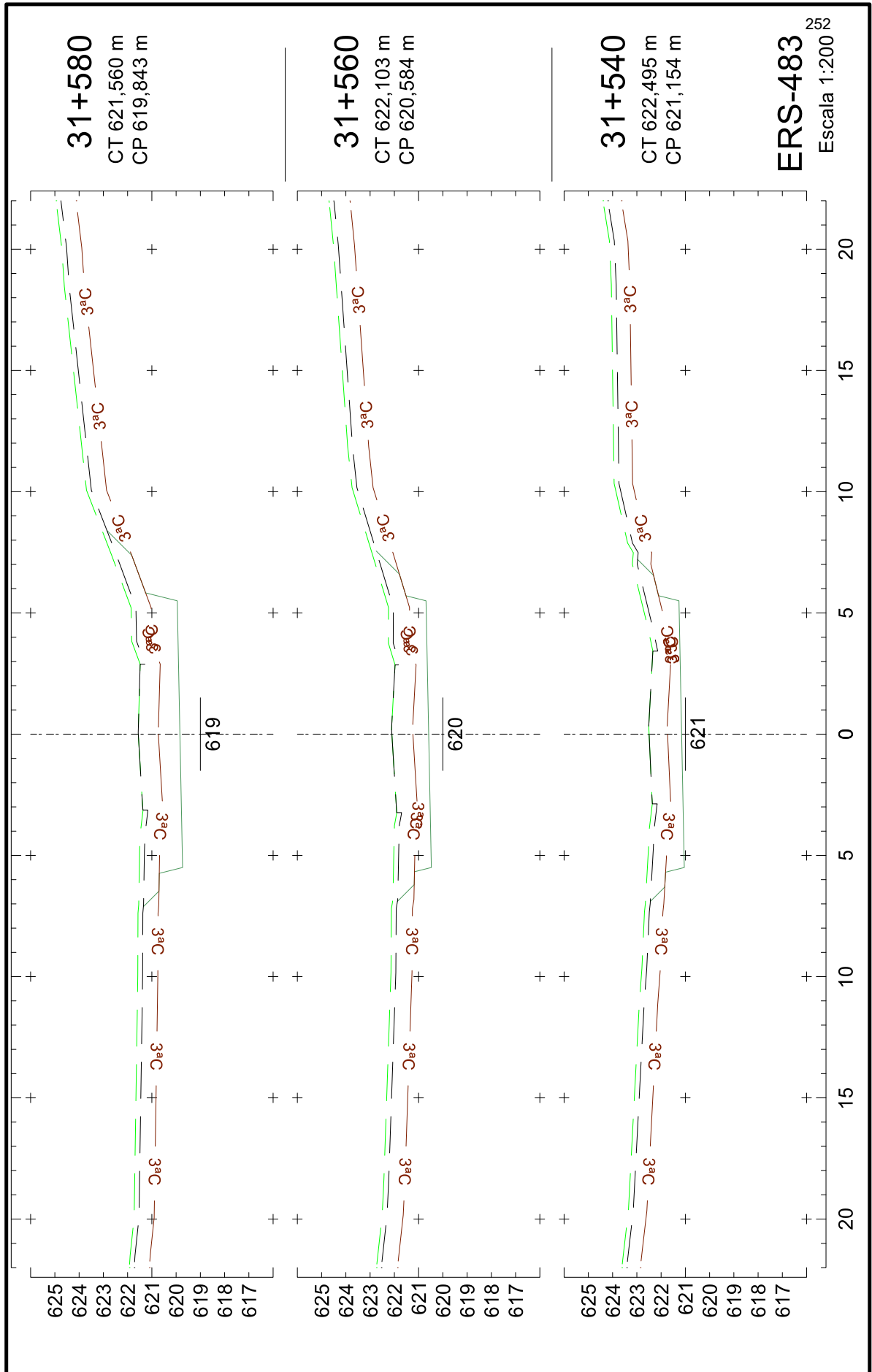


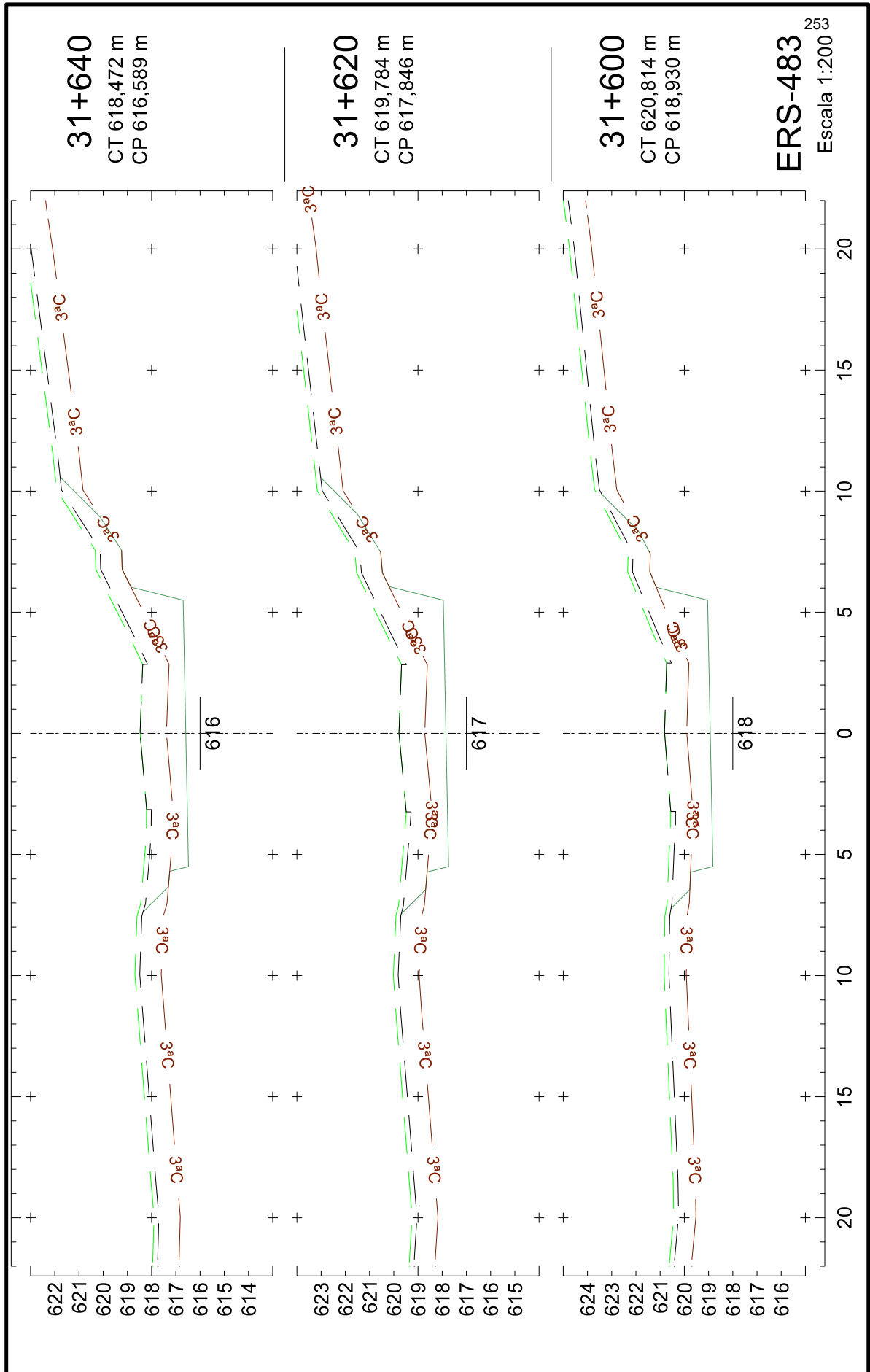
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CT 613,612 m
CP 611,982 m

$$31+680$$

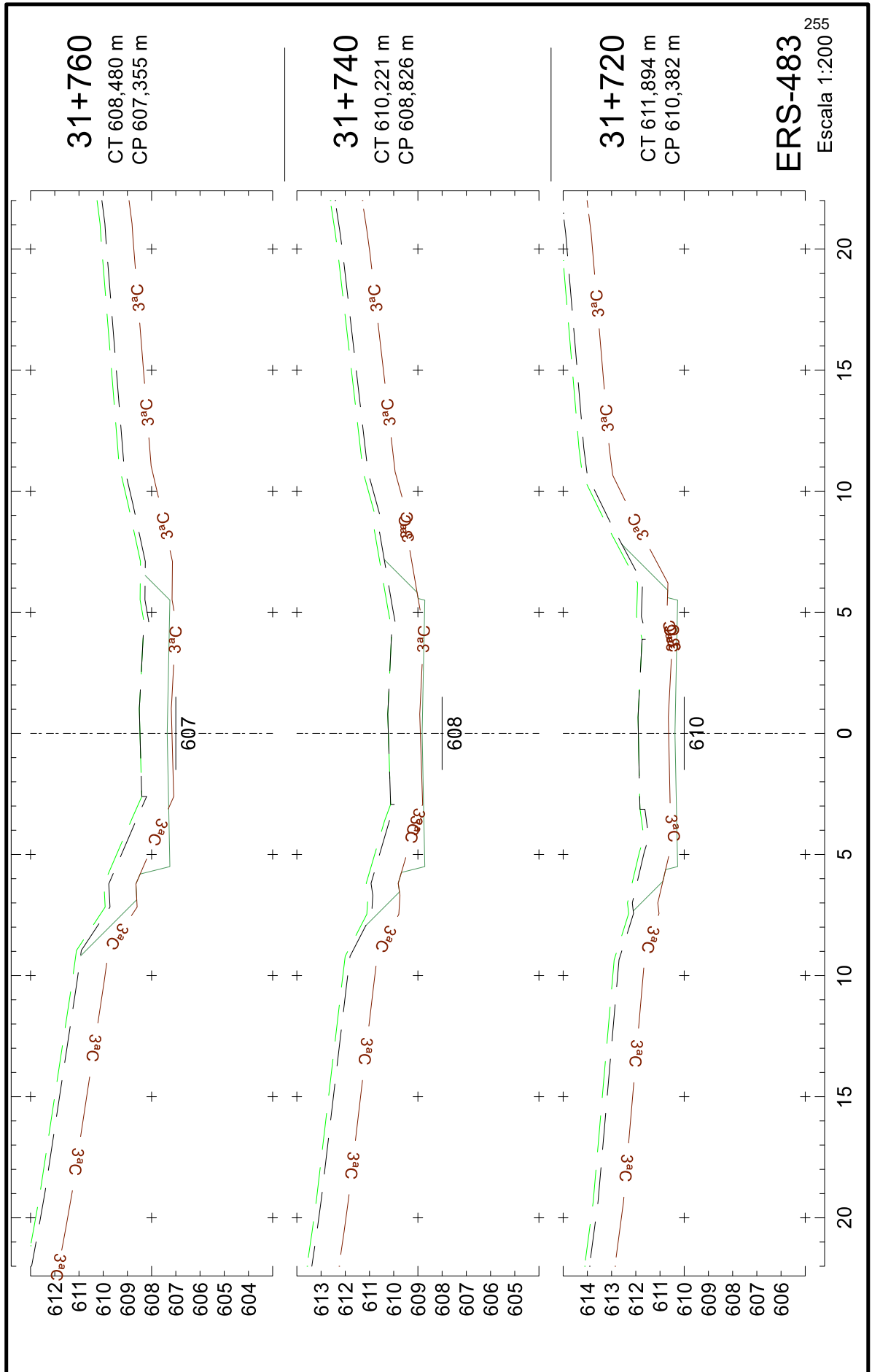
CT 615,290 m
CP 613,582 m

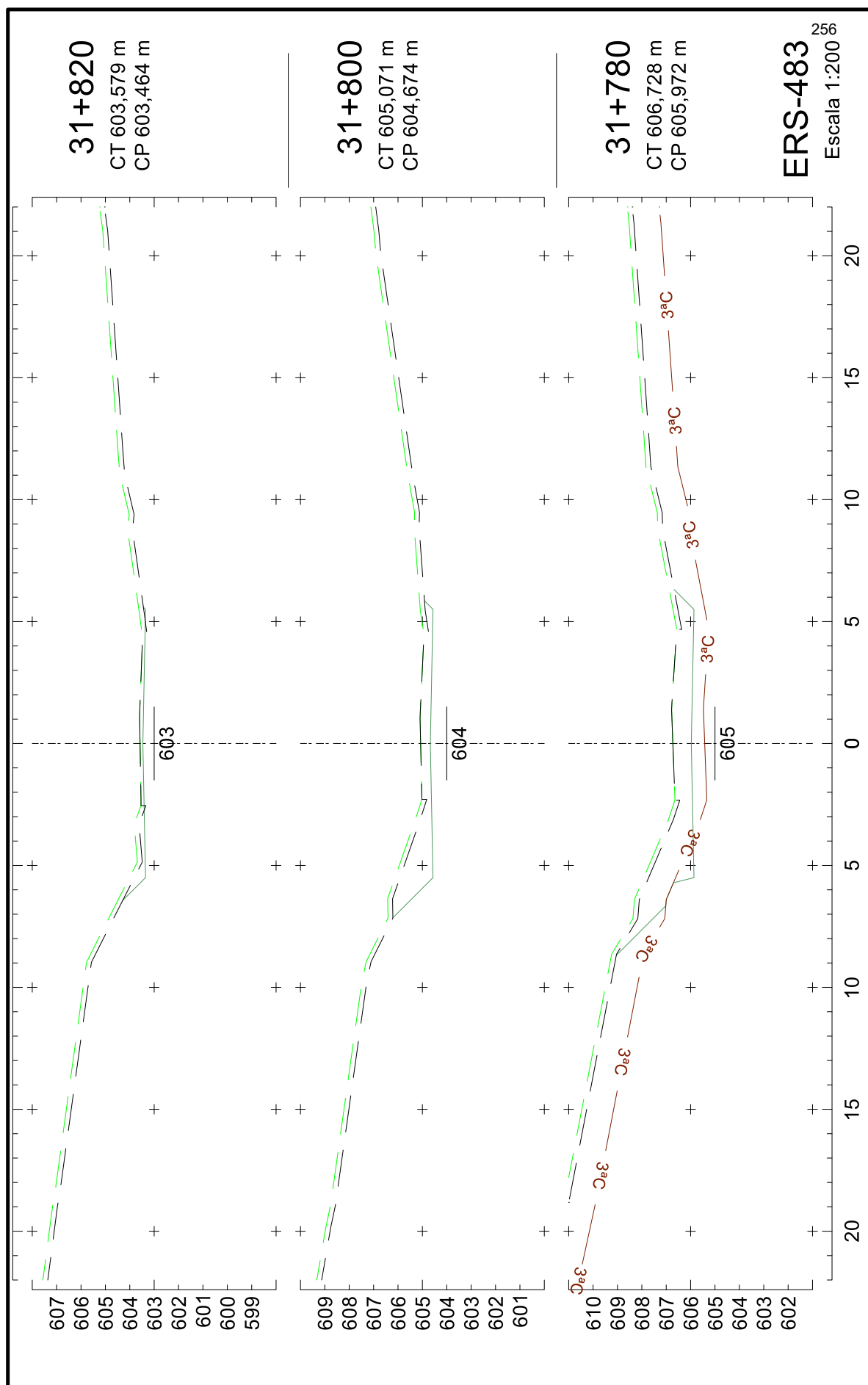
31+660

CT 616,999 m
CP 615,161 m

ERS-483

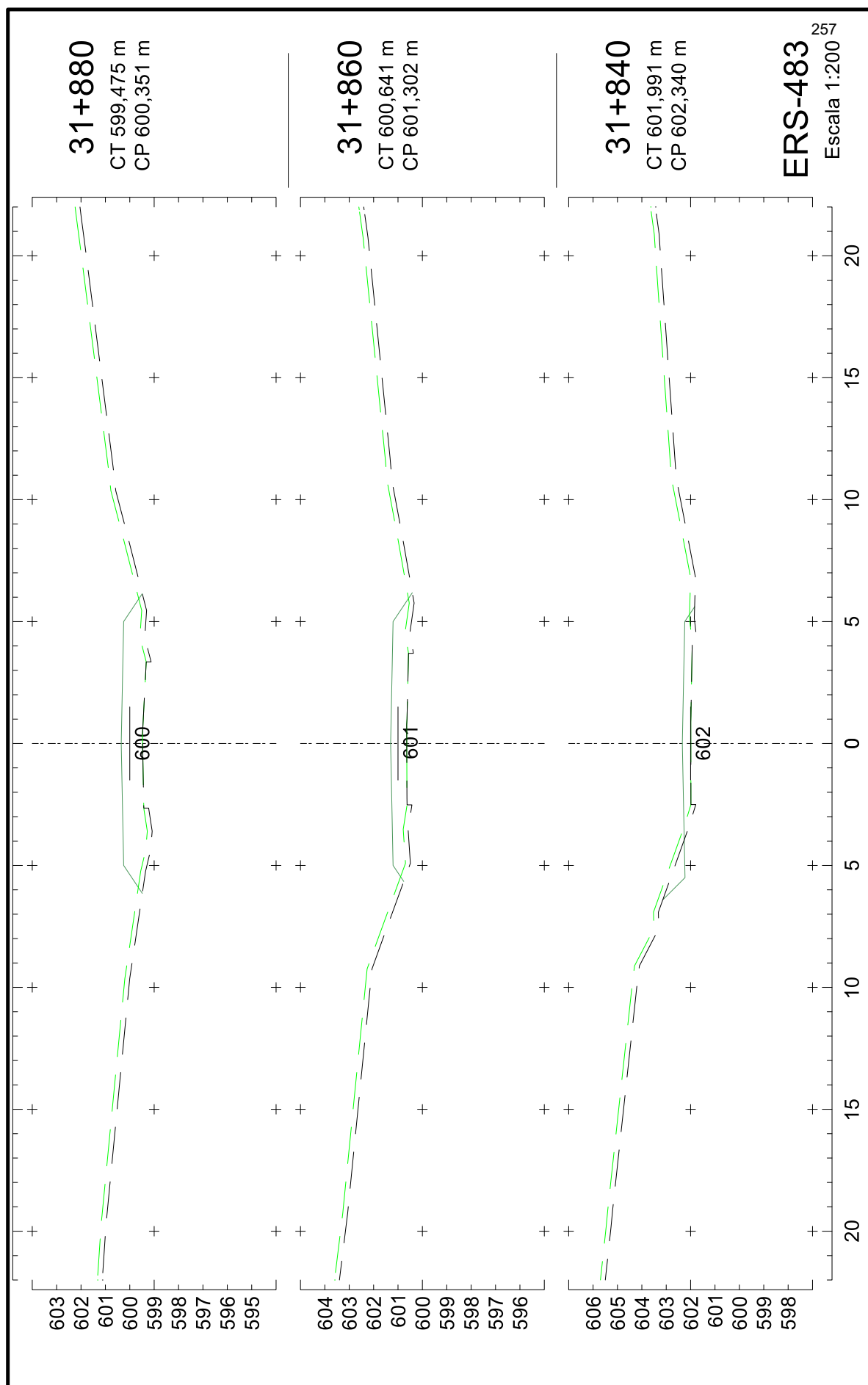
254
Escala 1:200

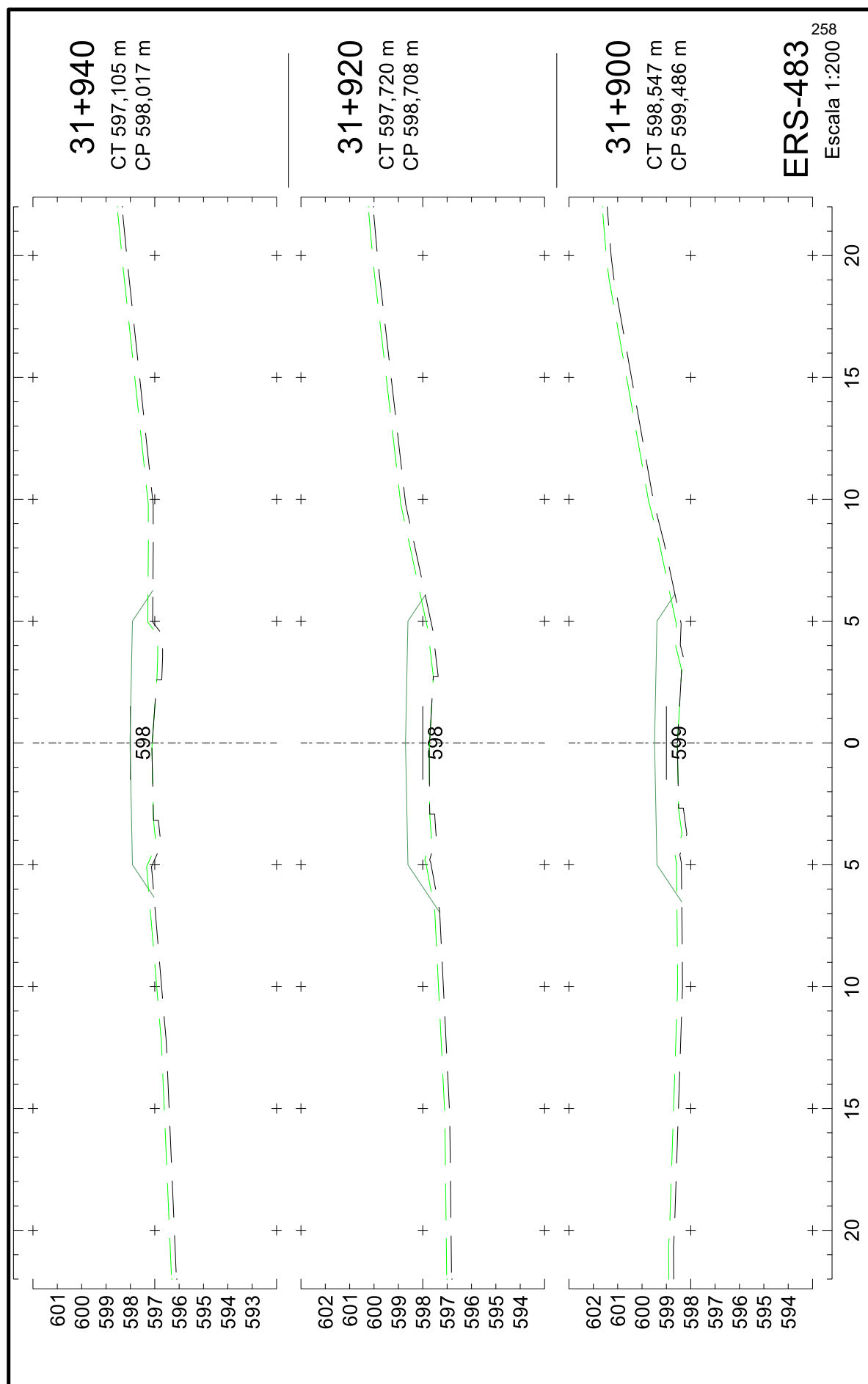


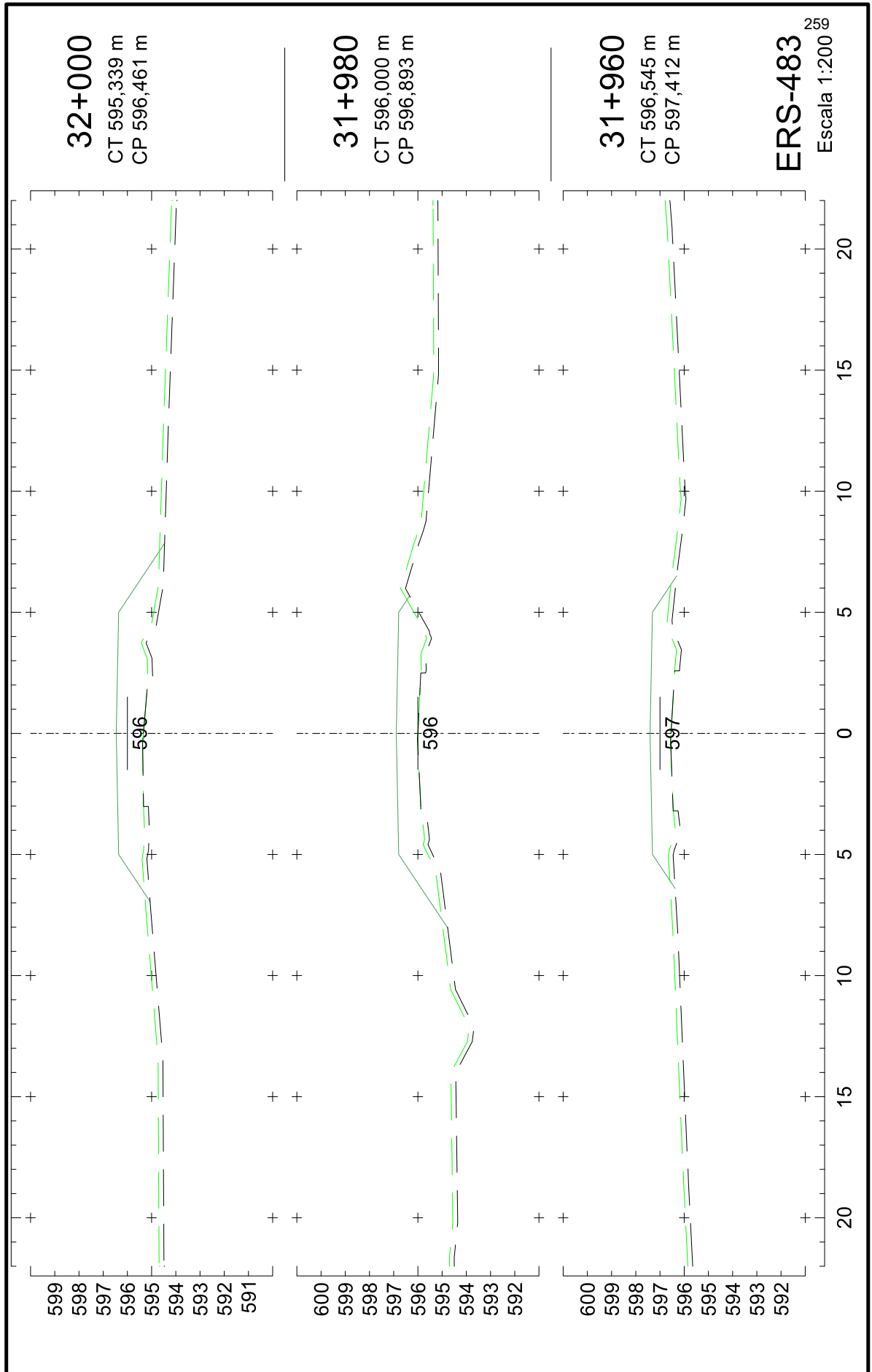


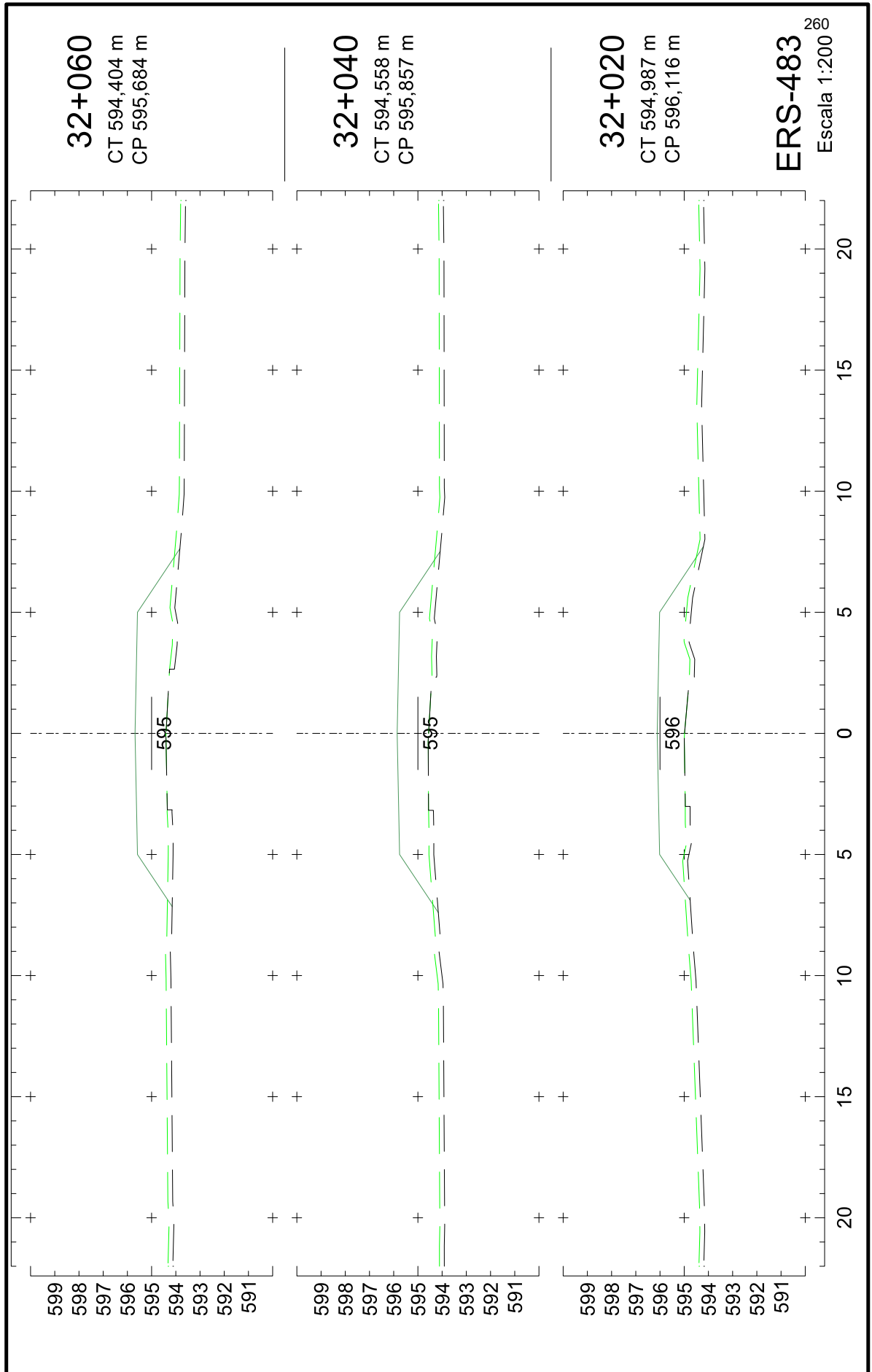


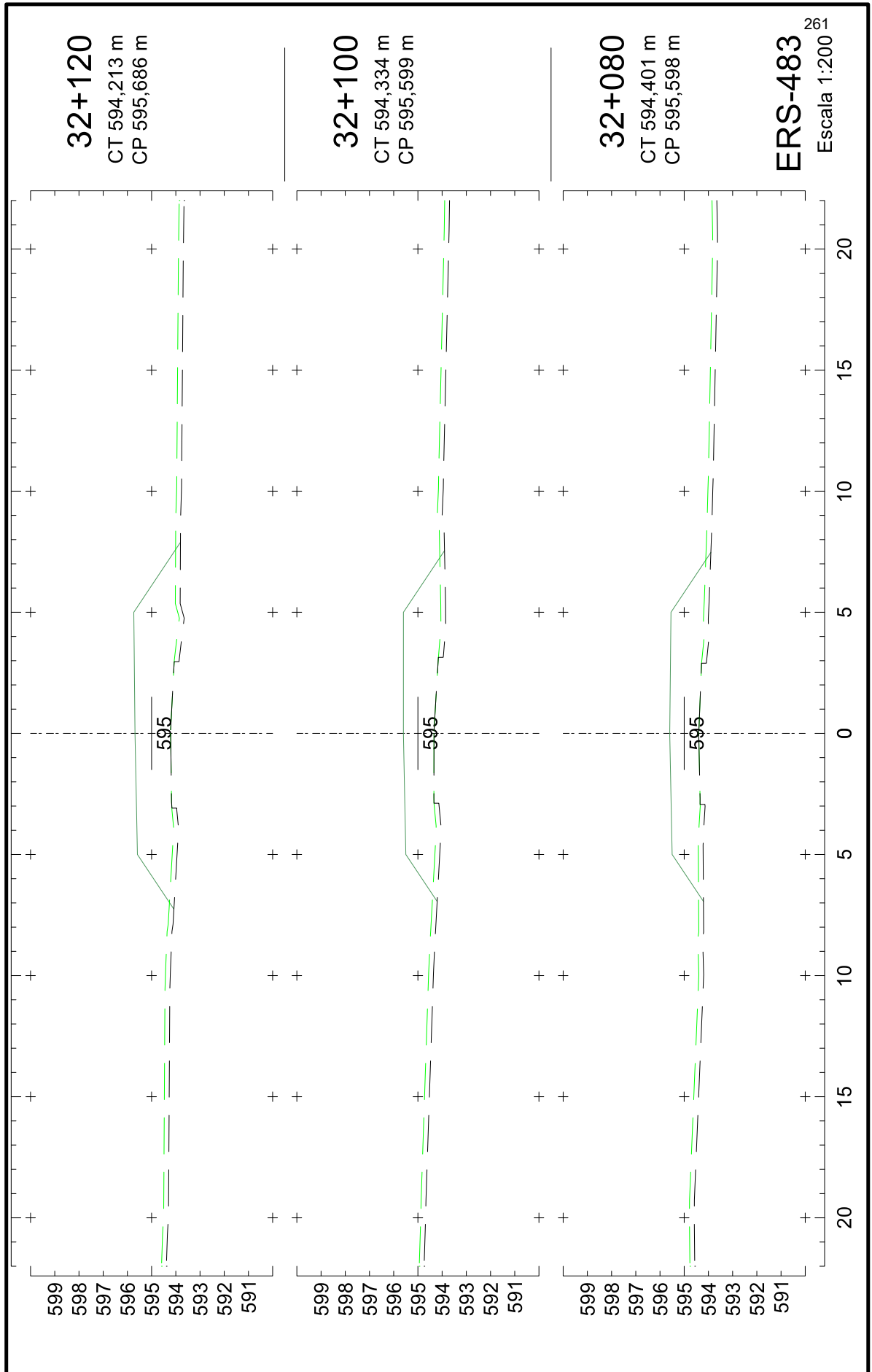
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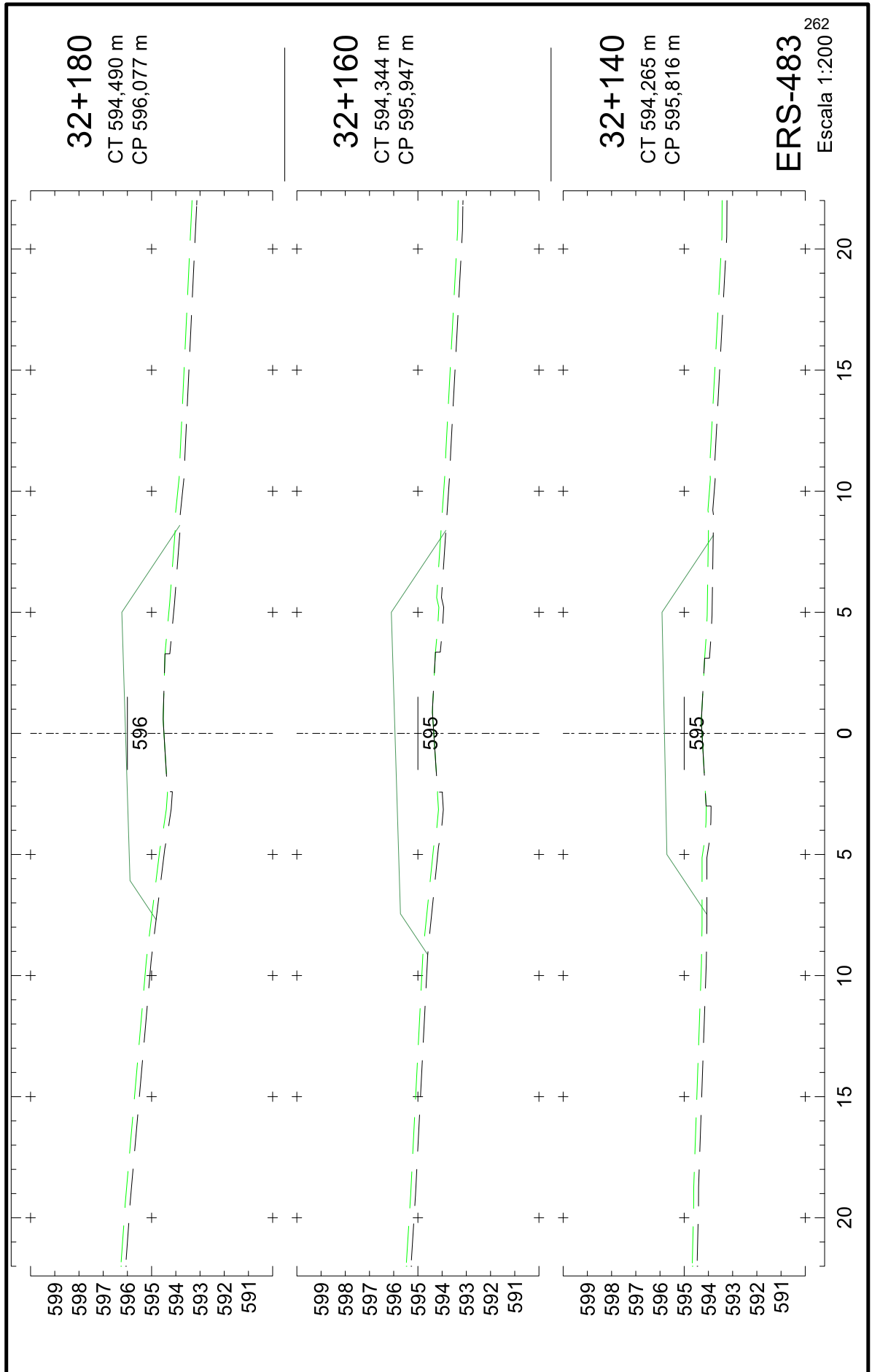






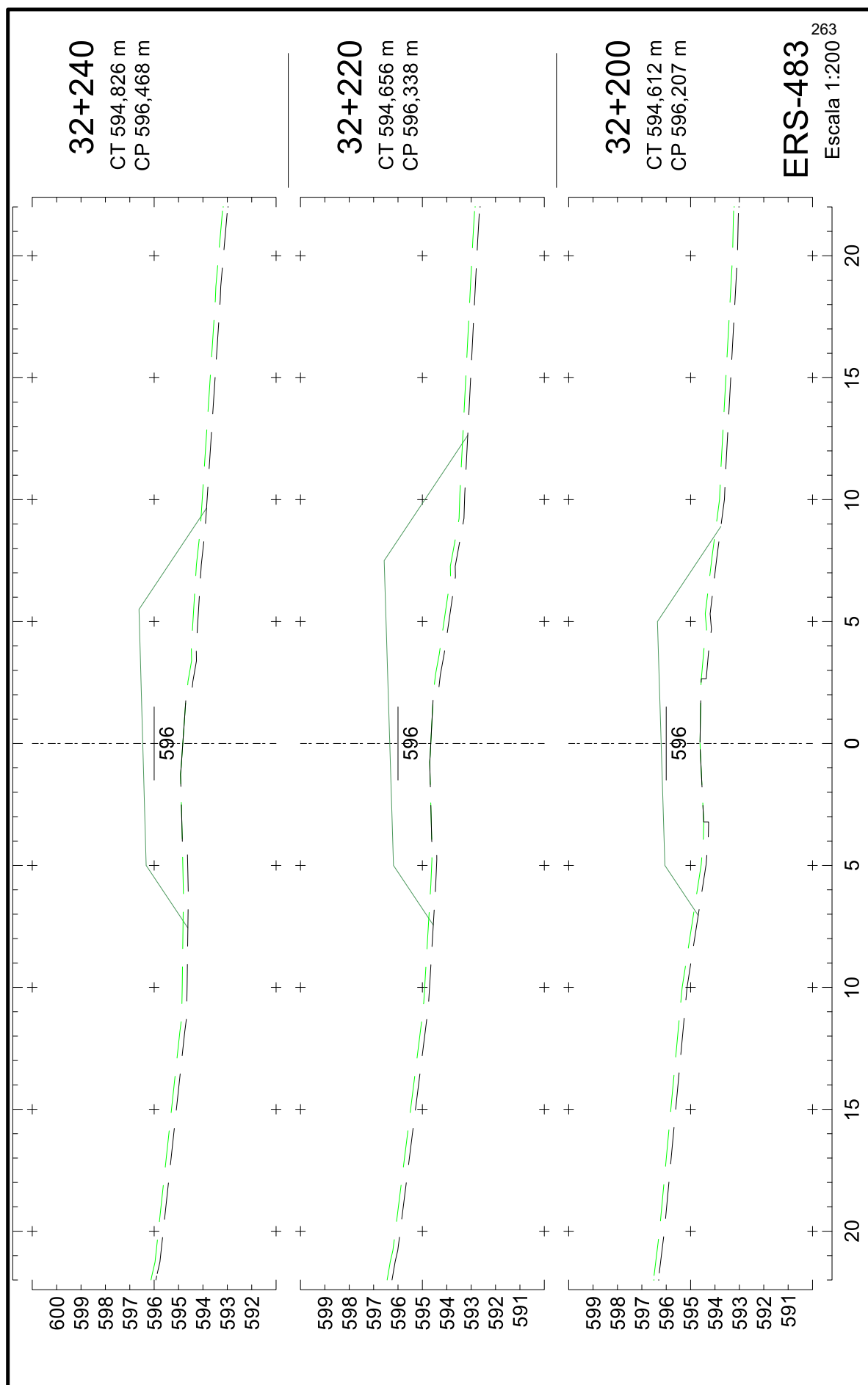


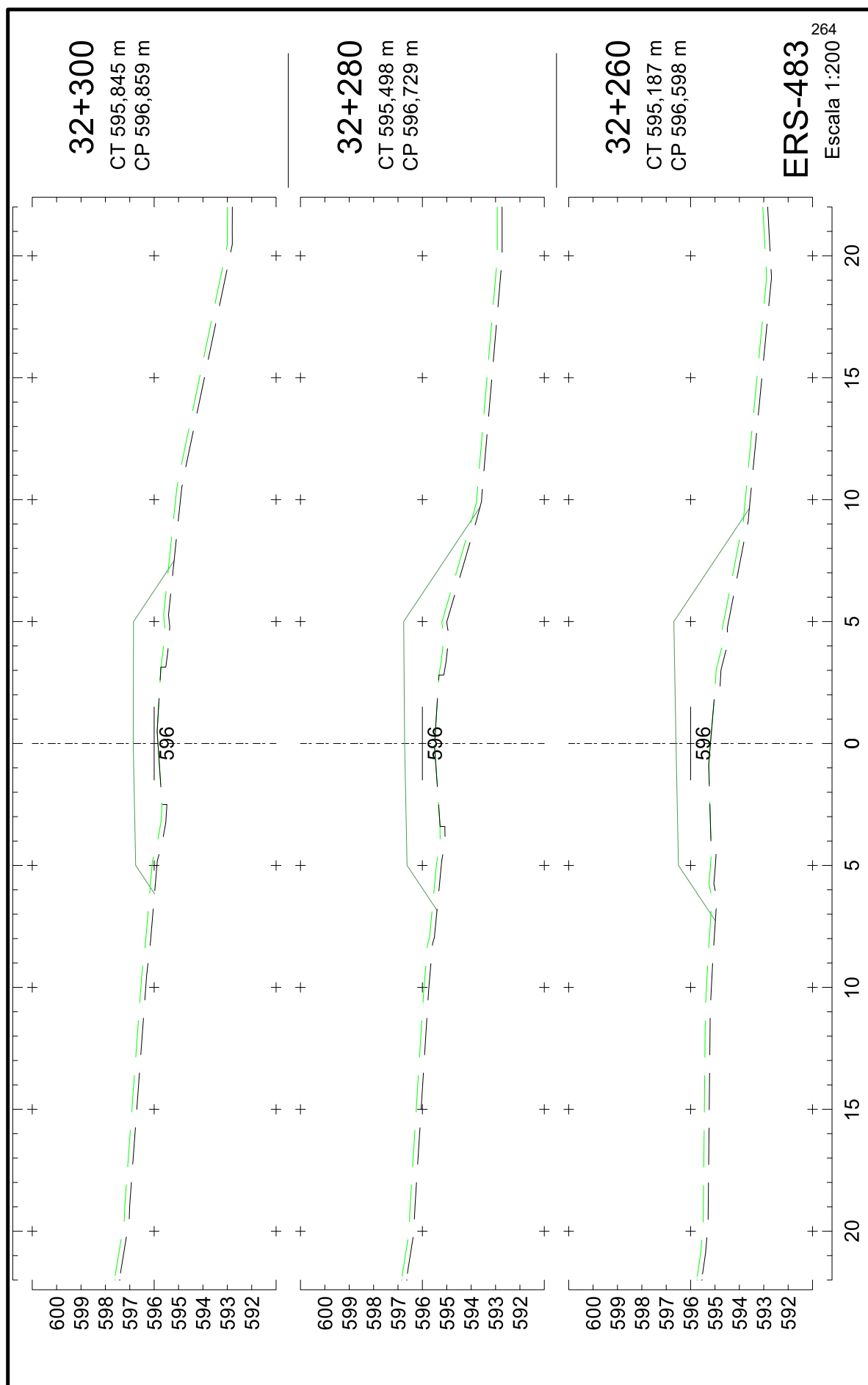


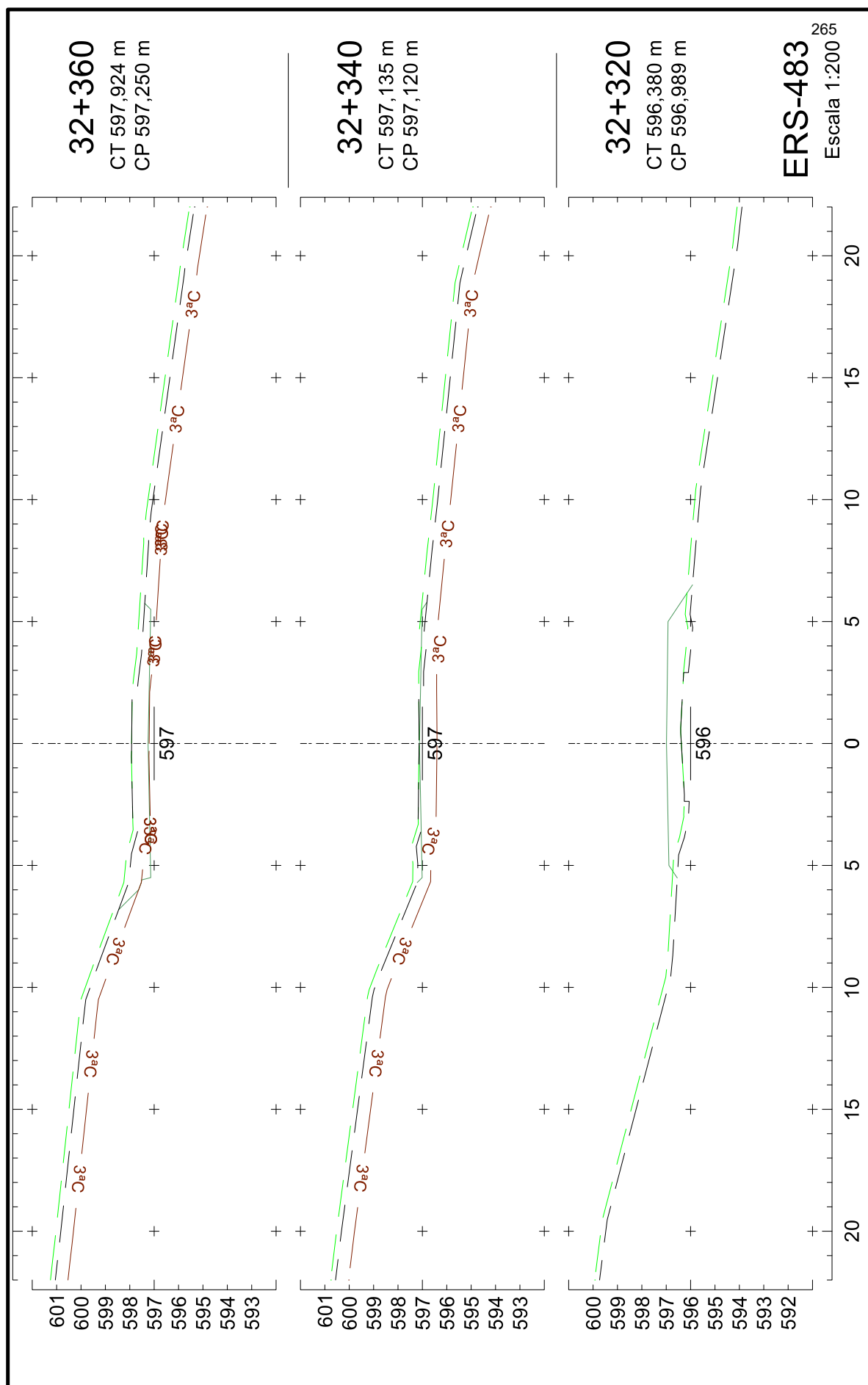


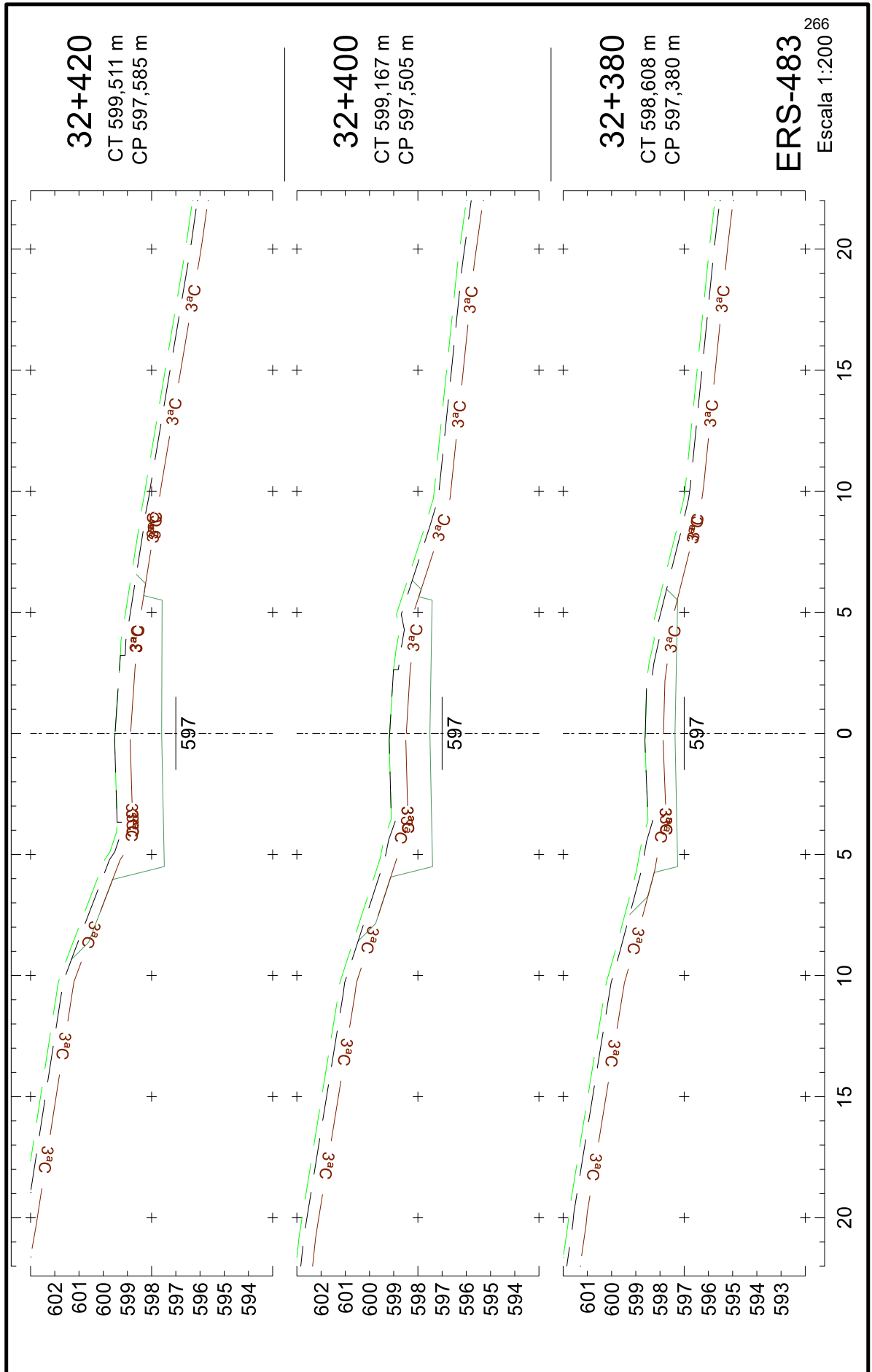


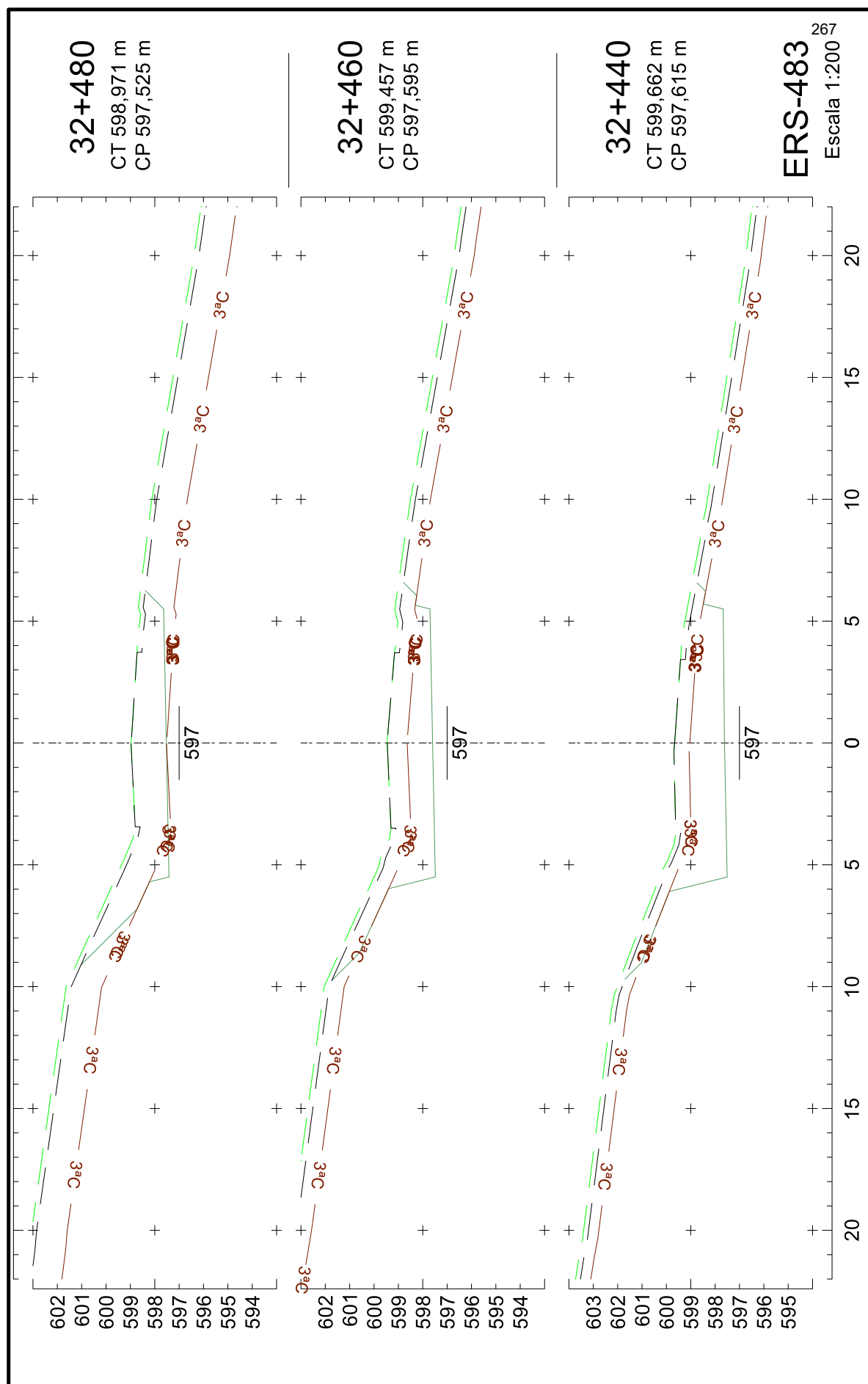
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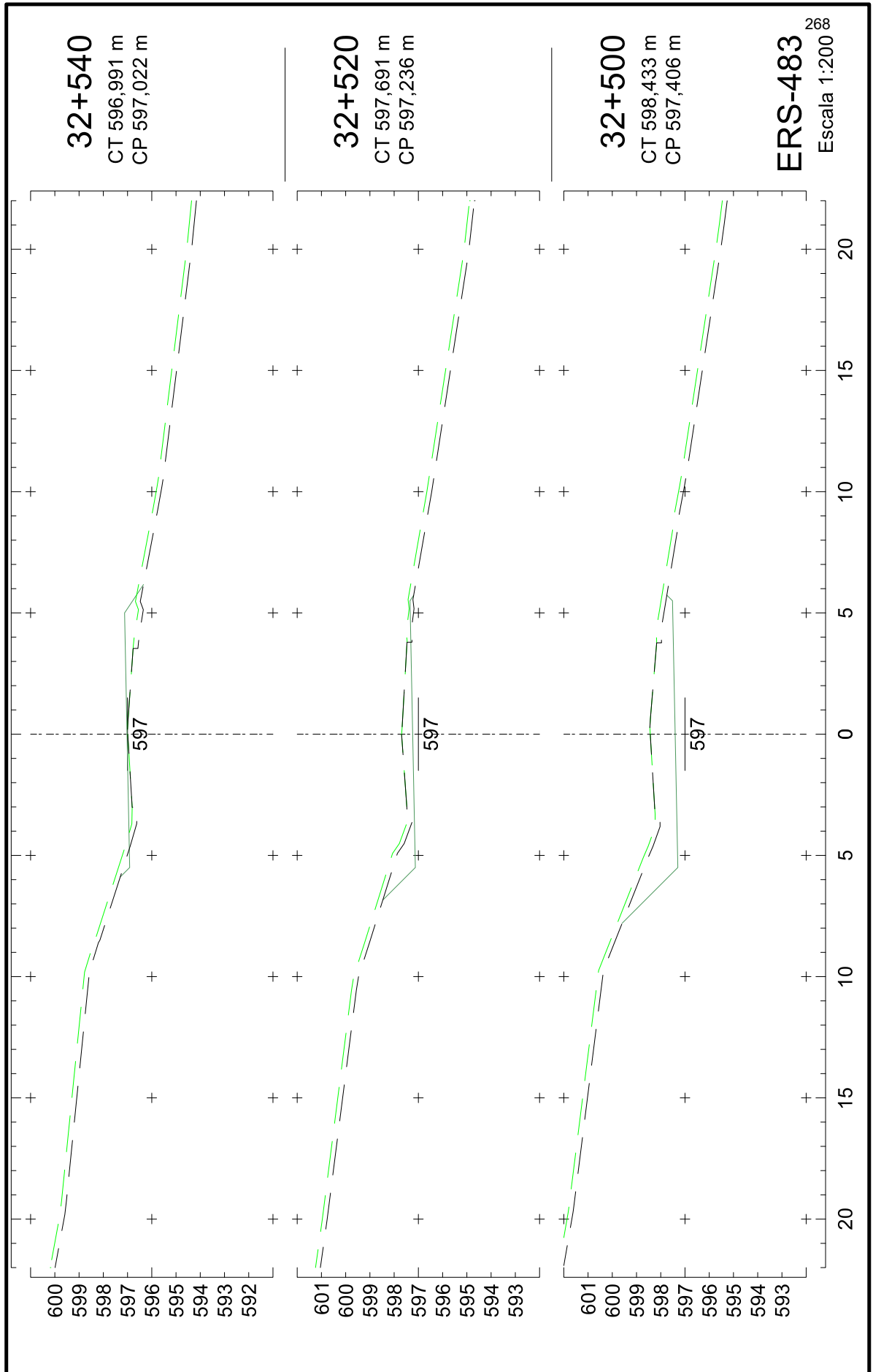






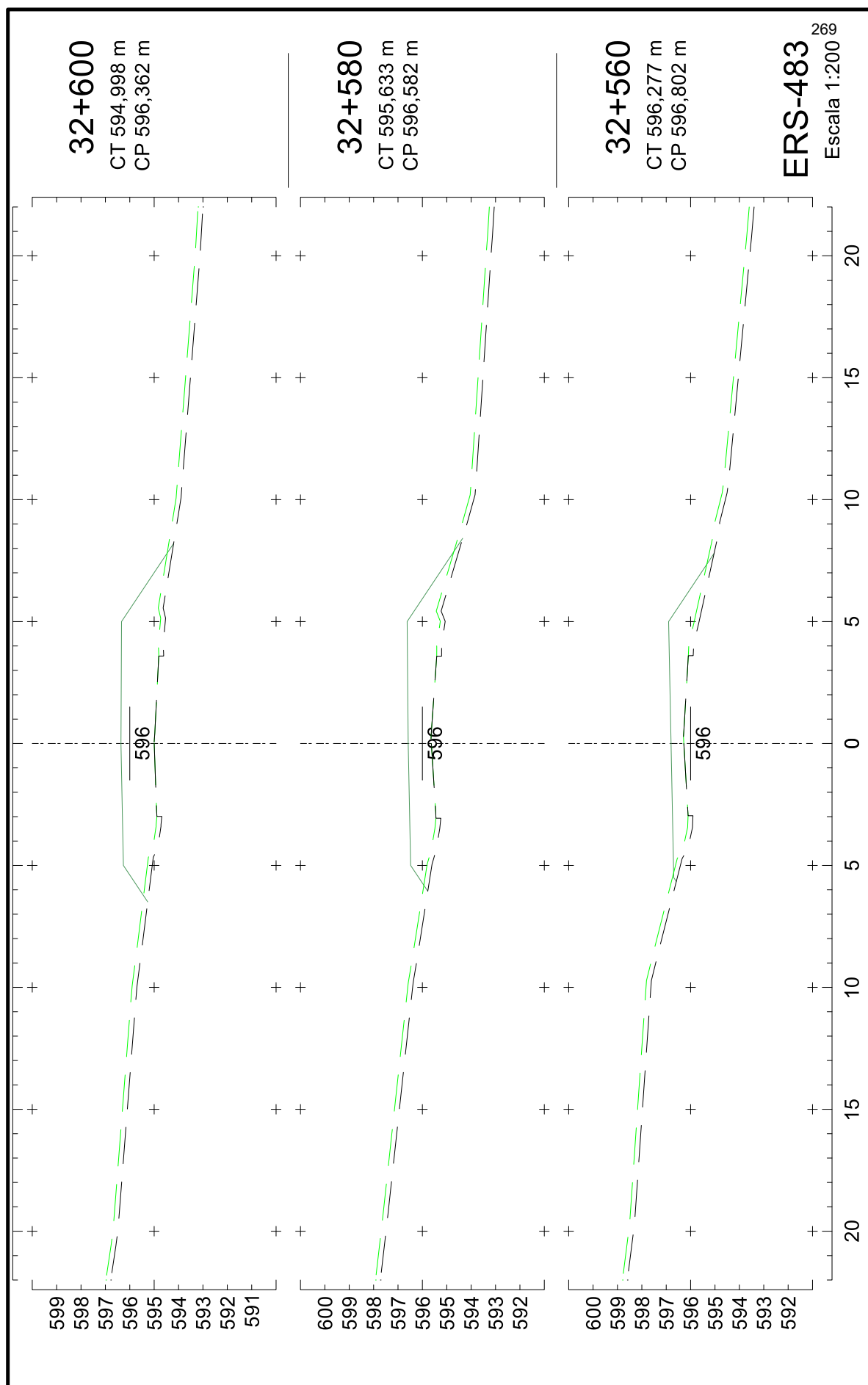


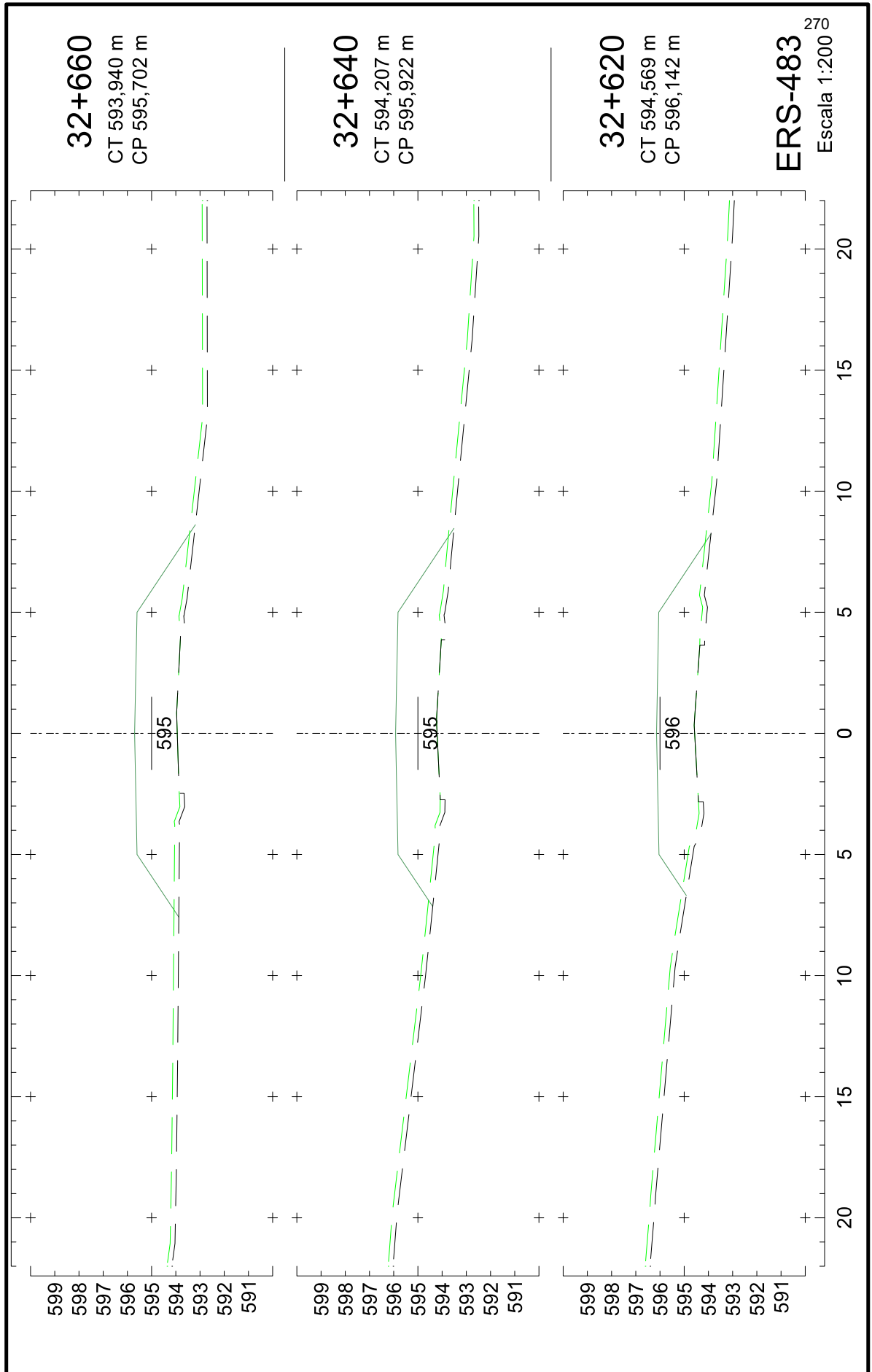


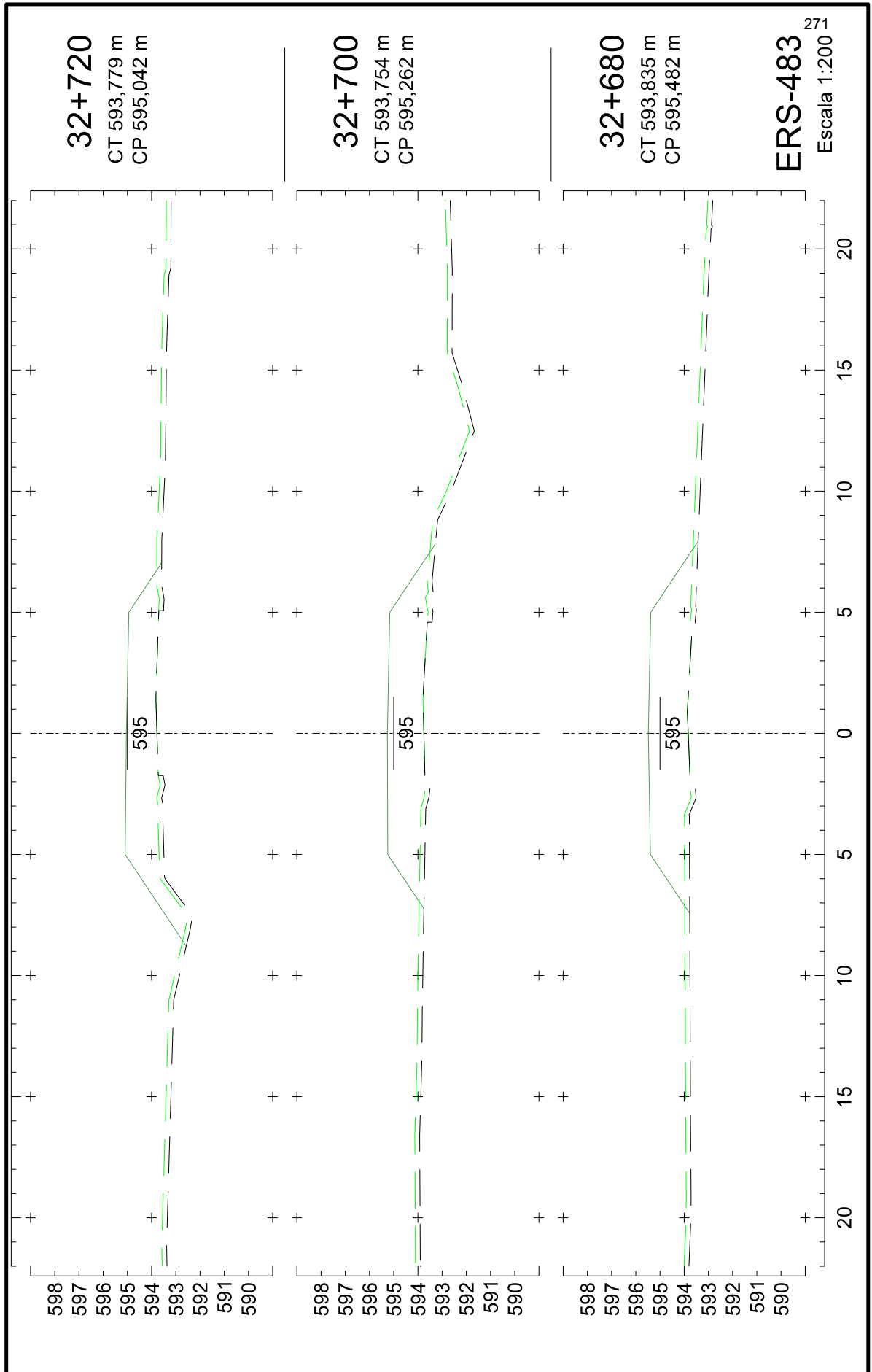


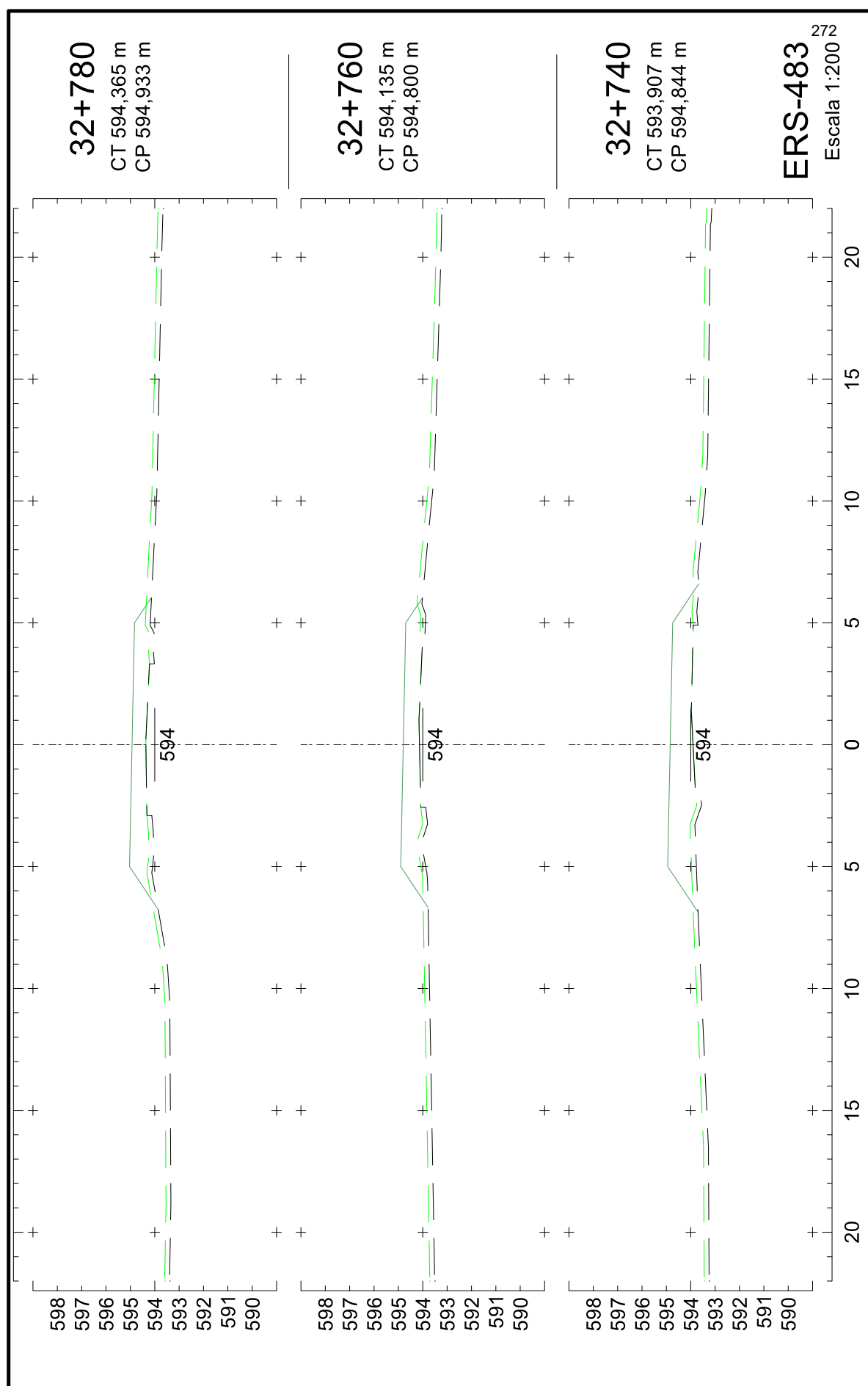


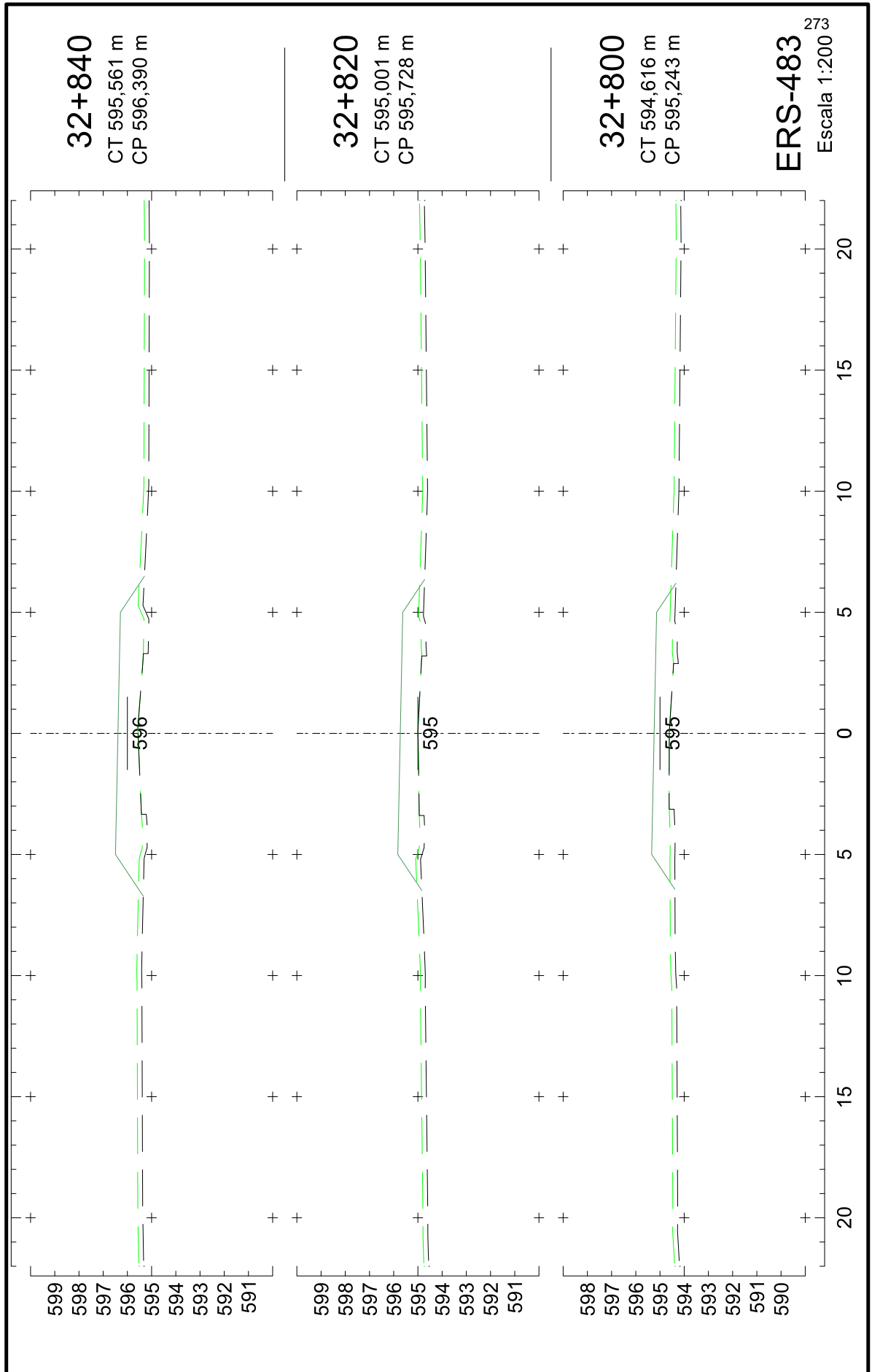
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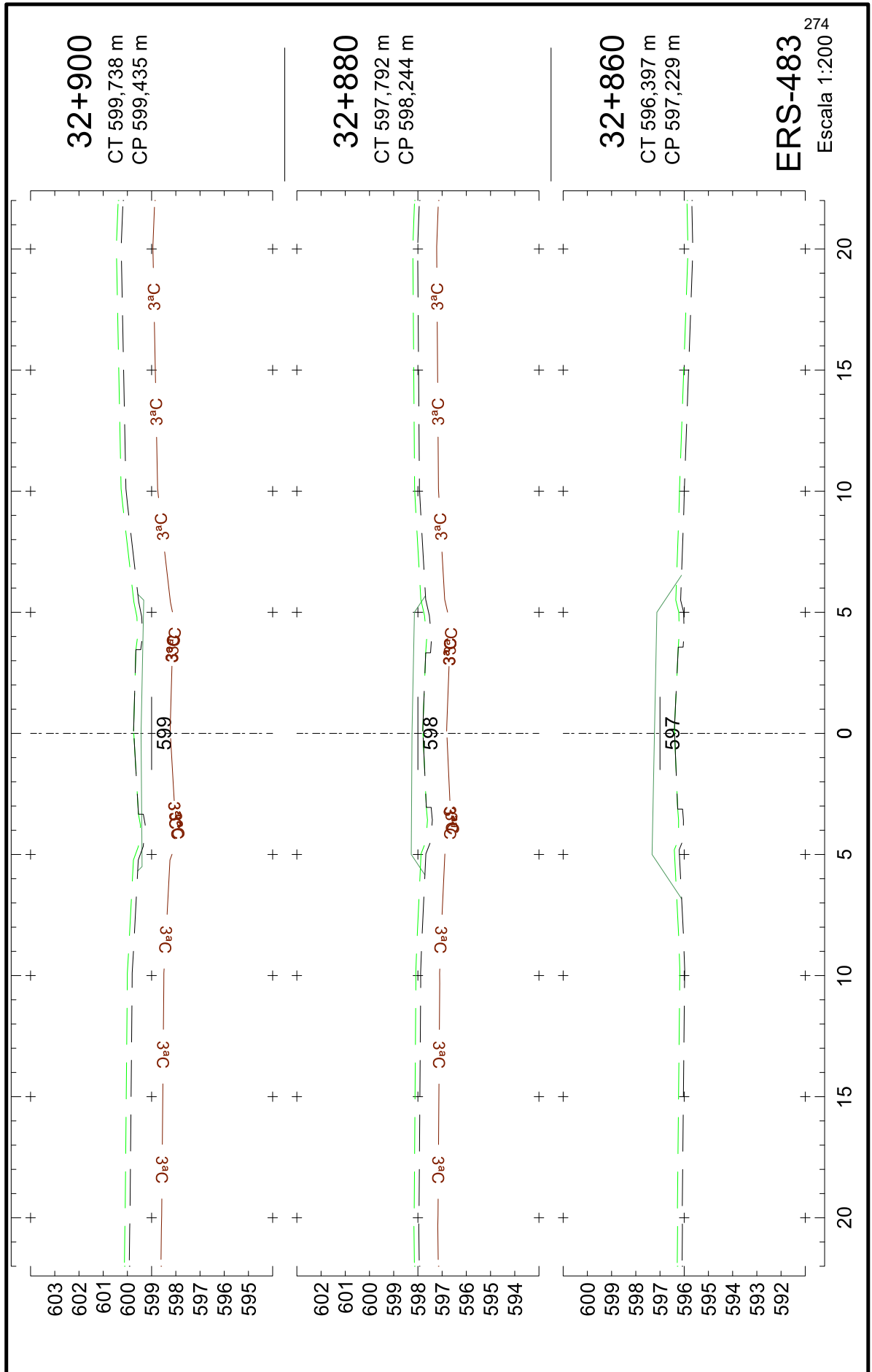


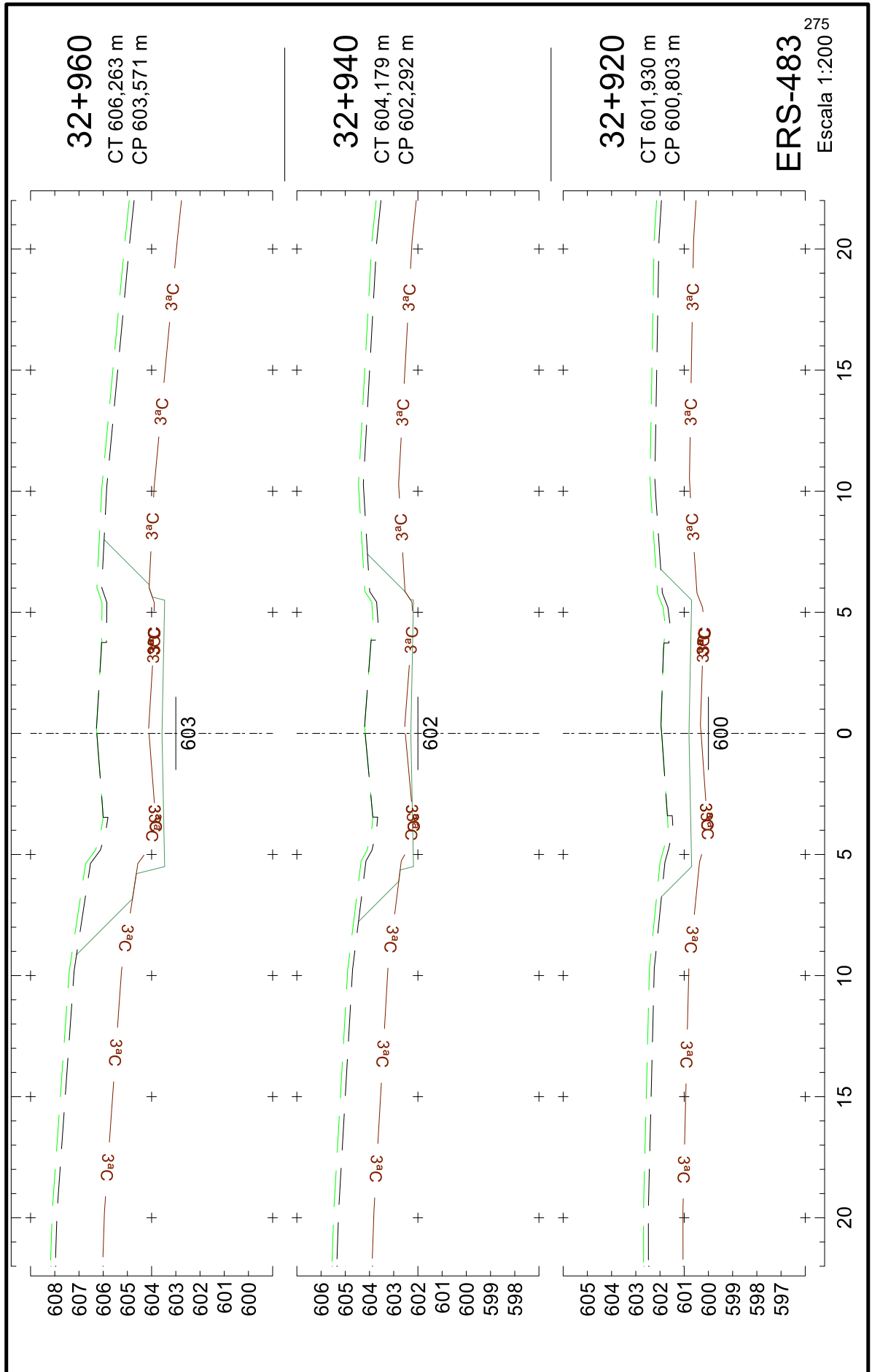


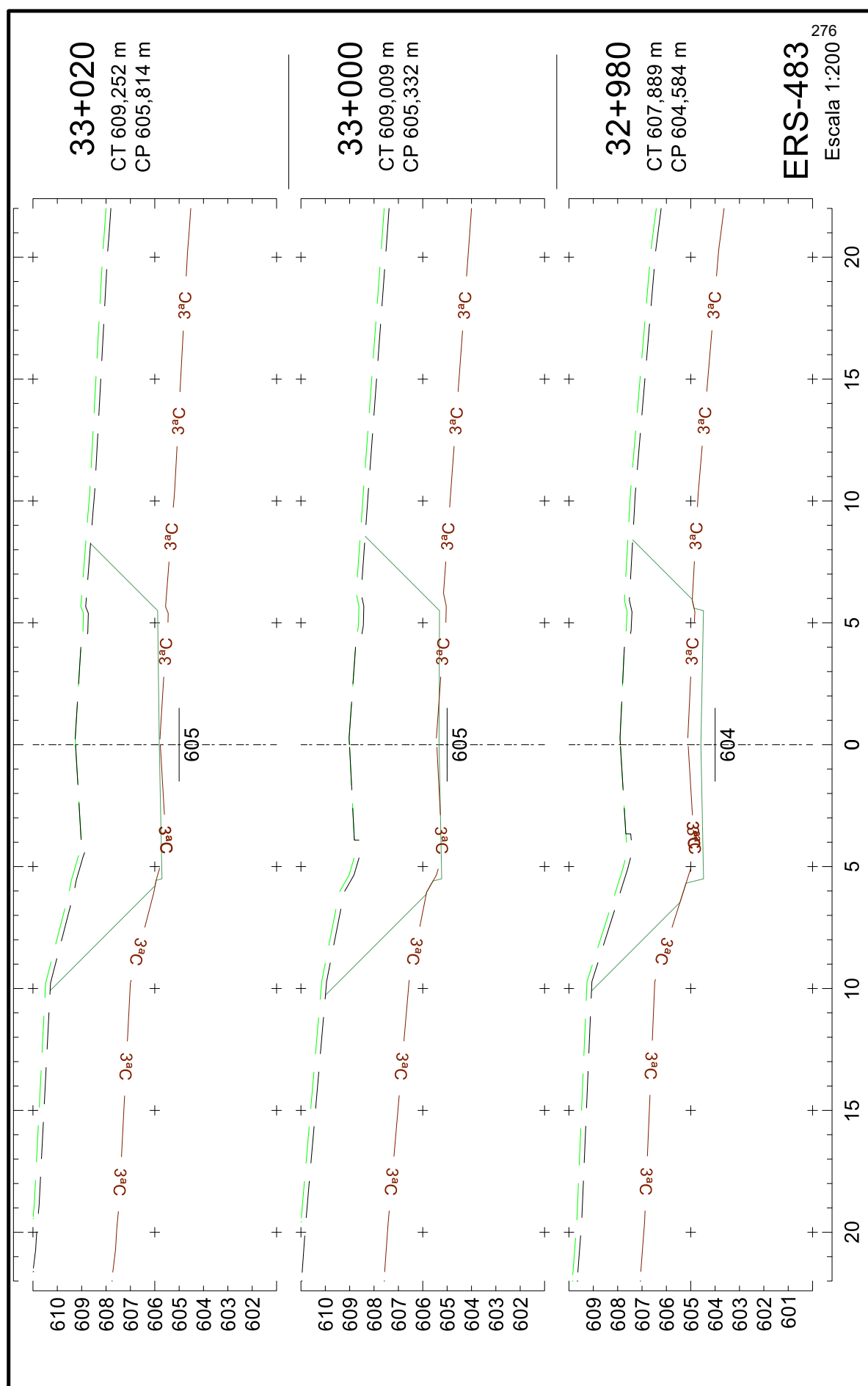




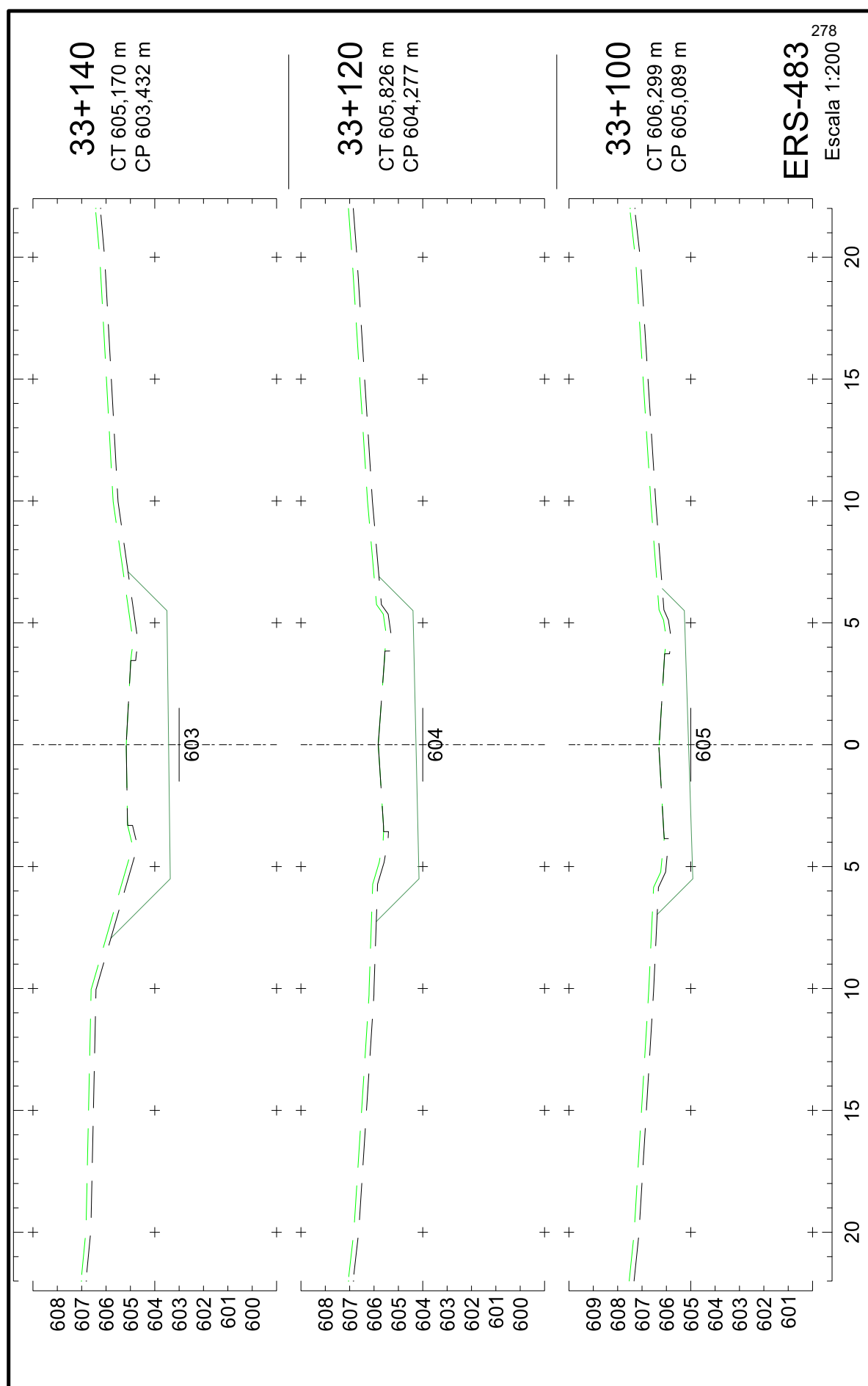


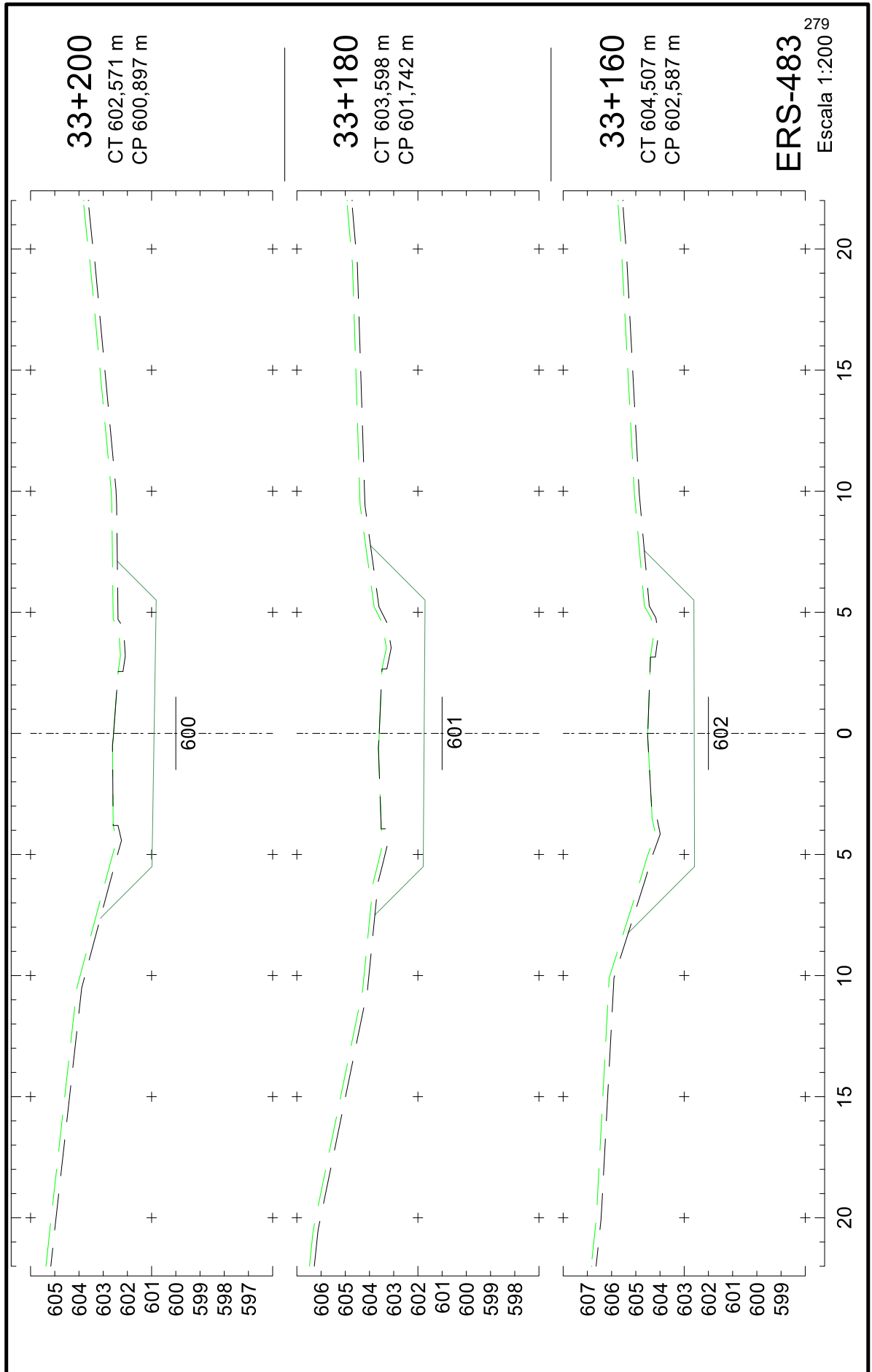


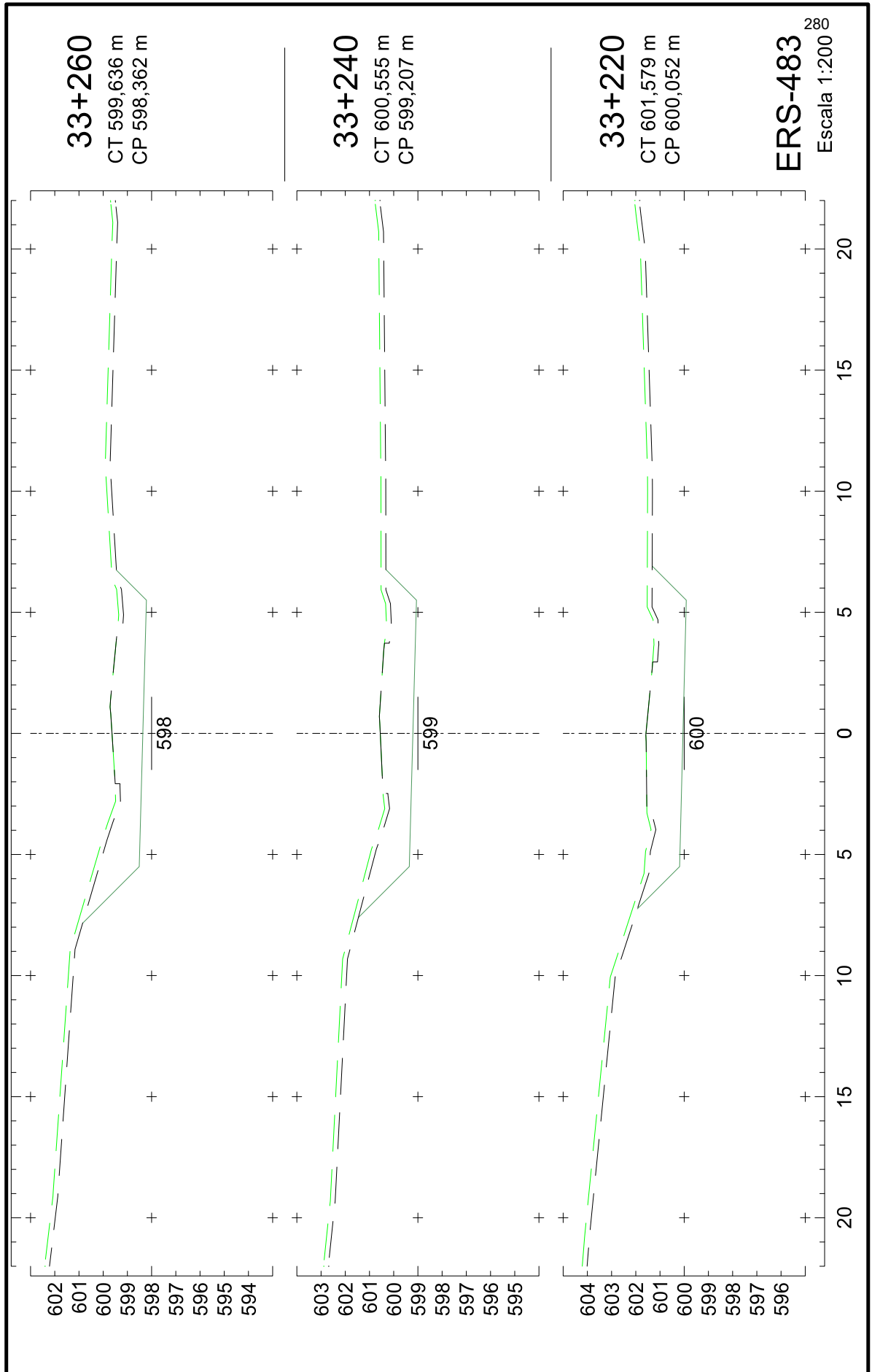


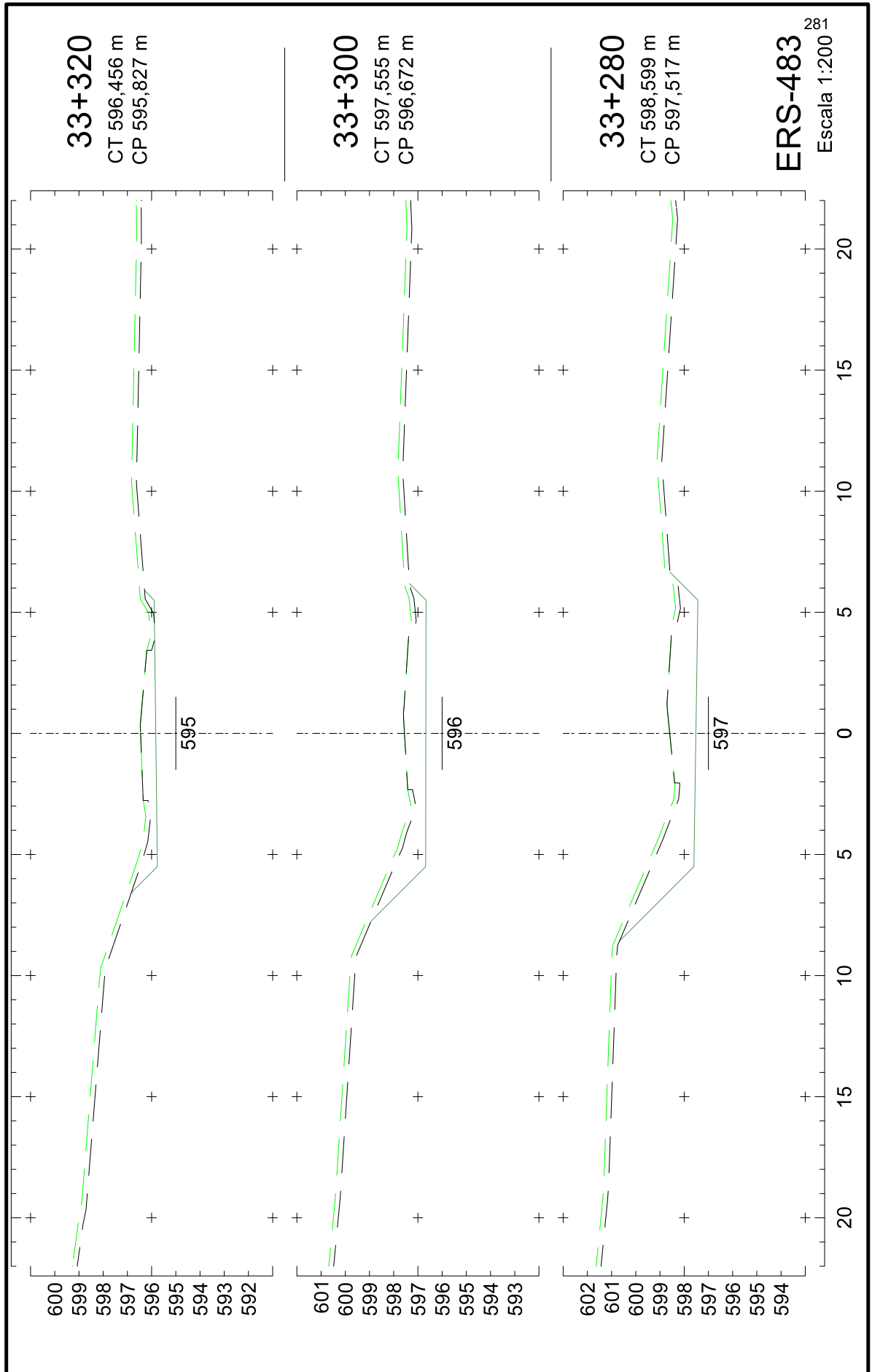


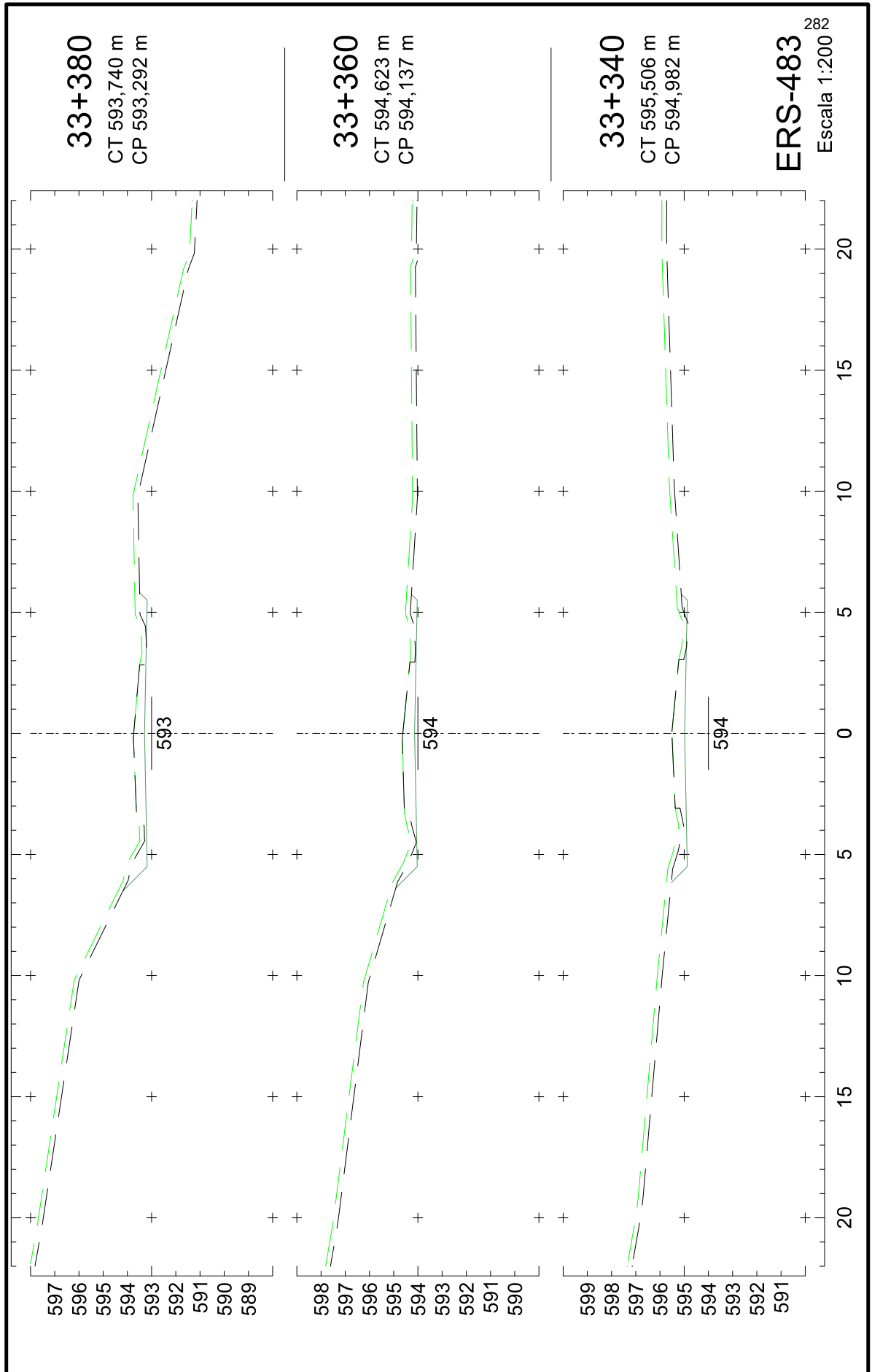


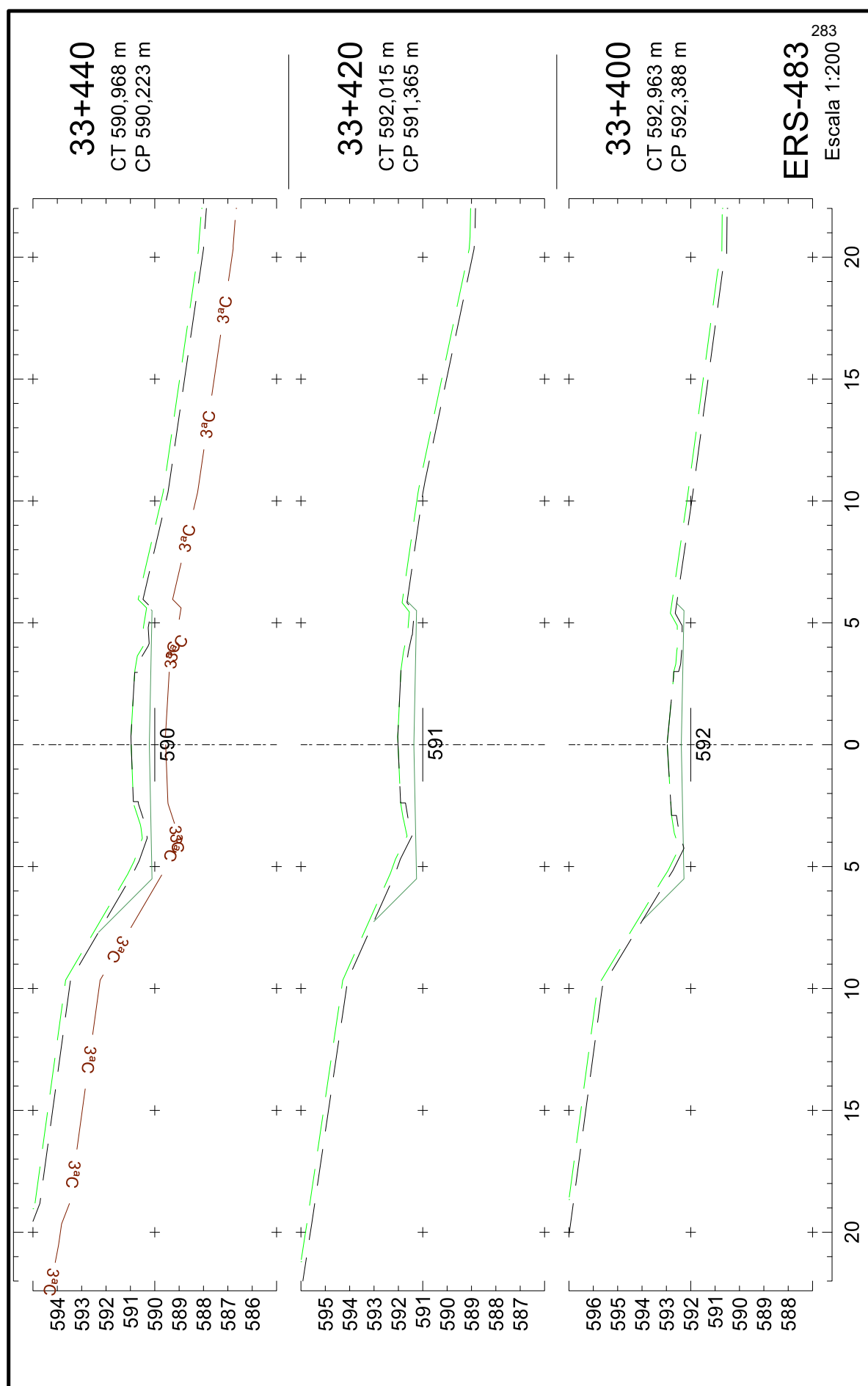


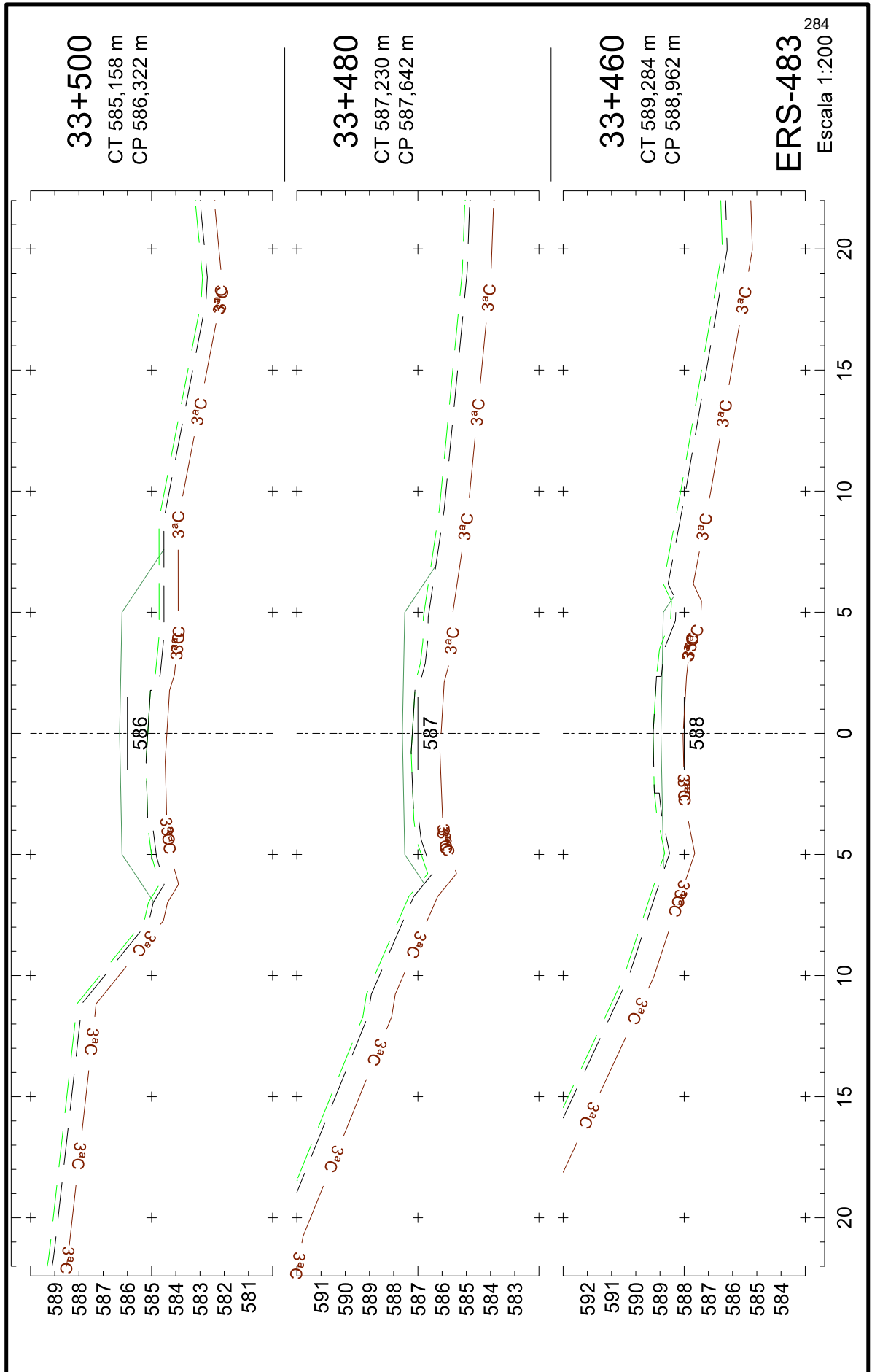


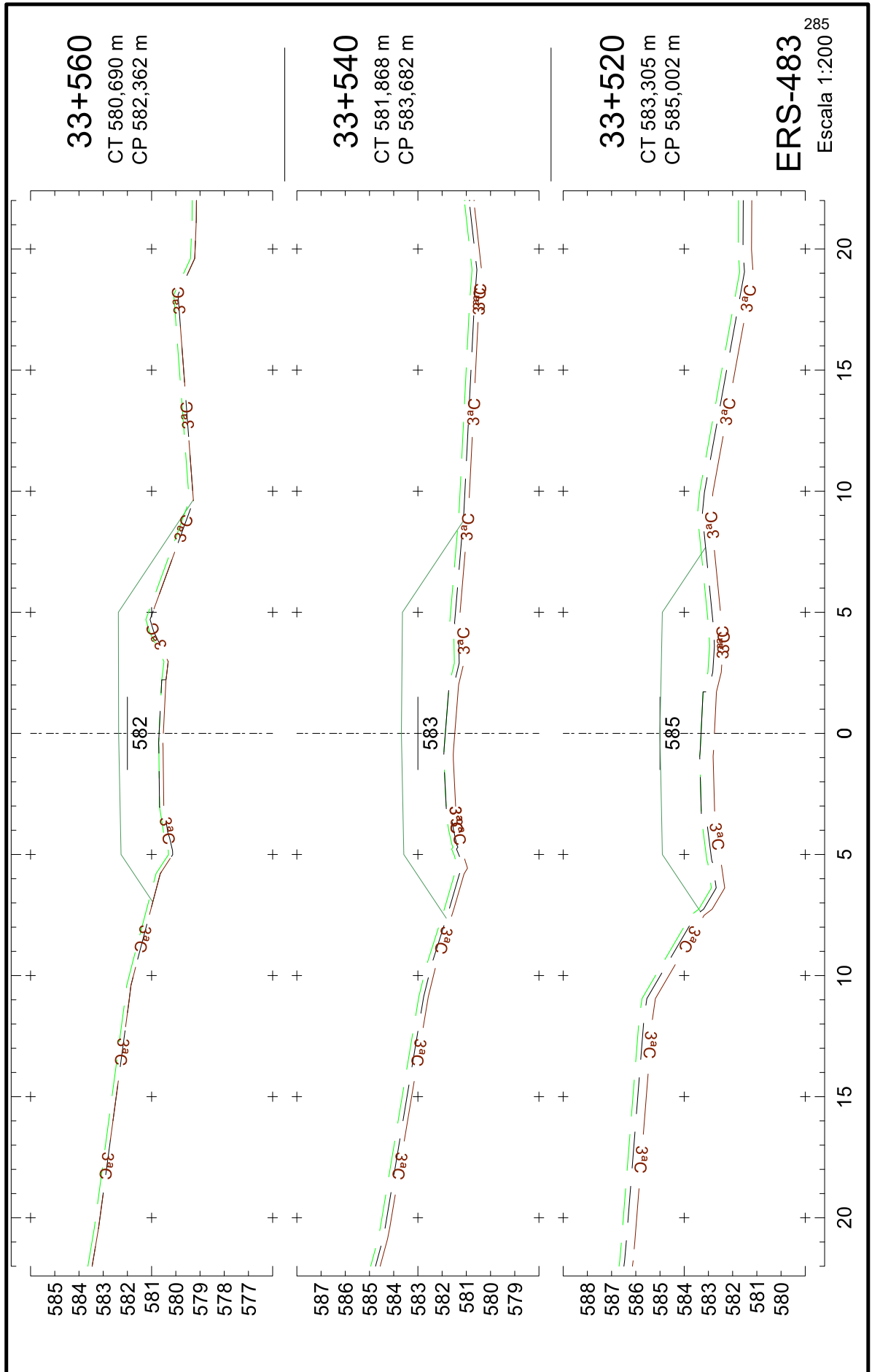


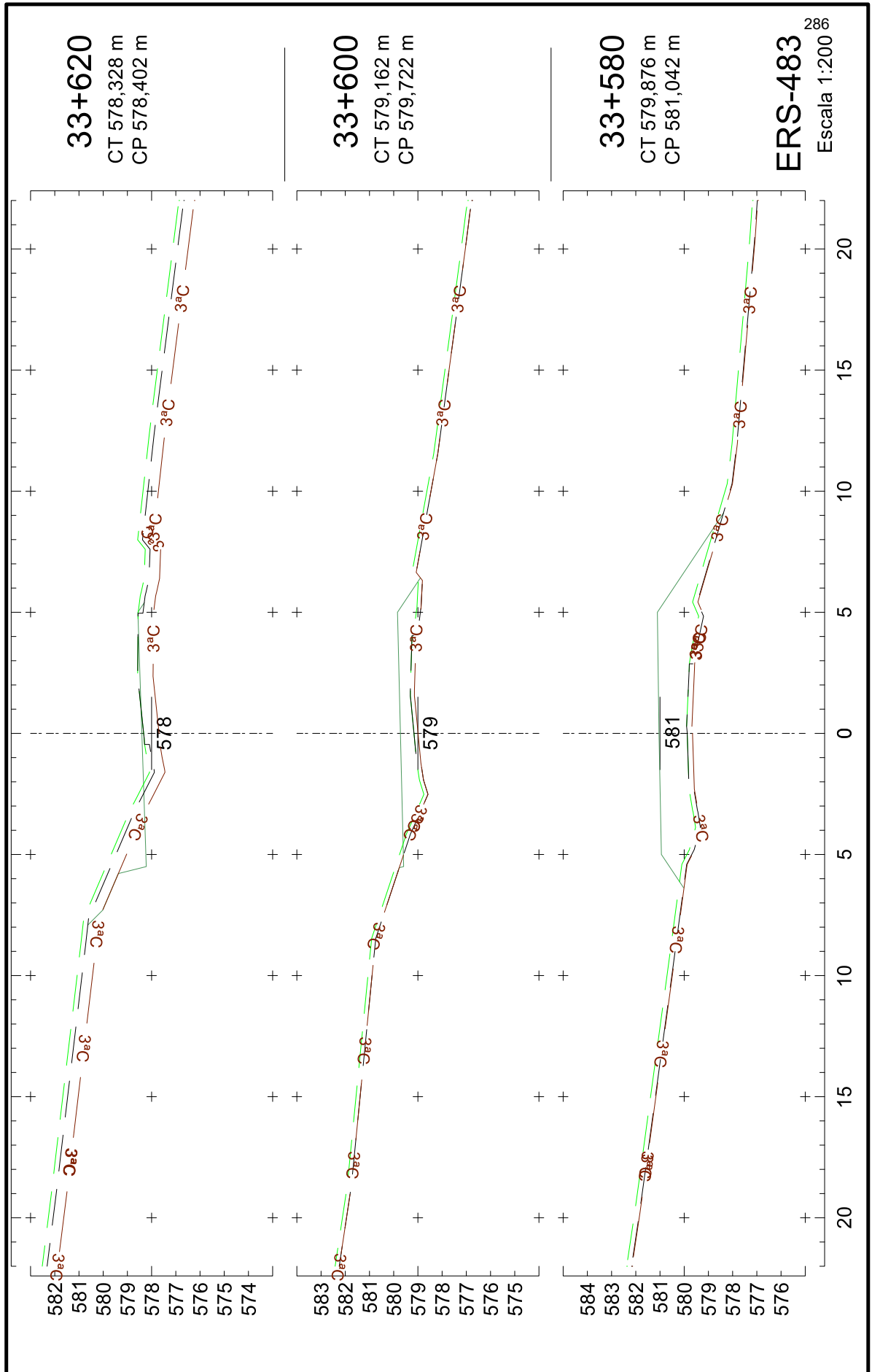


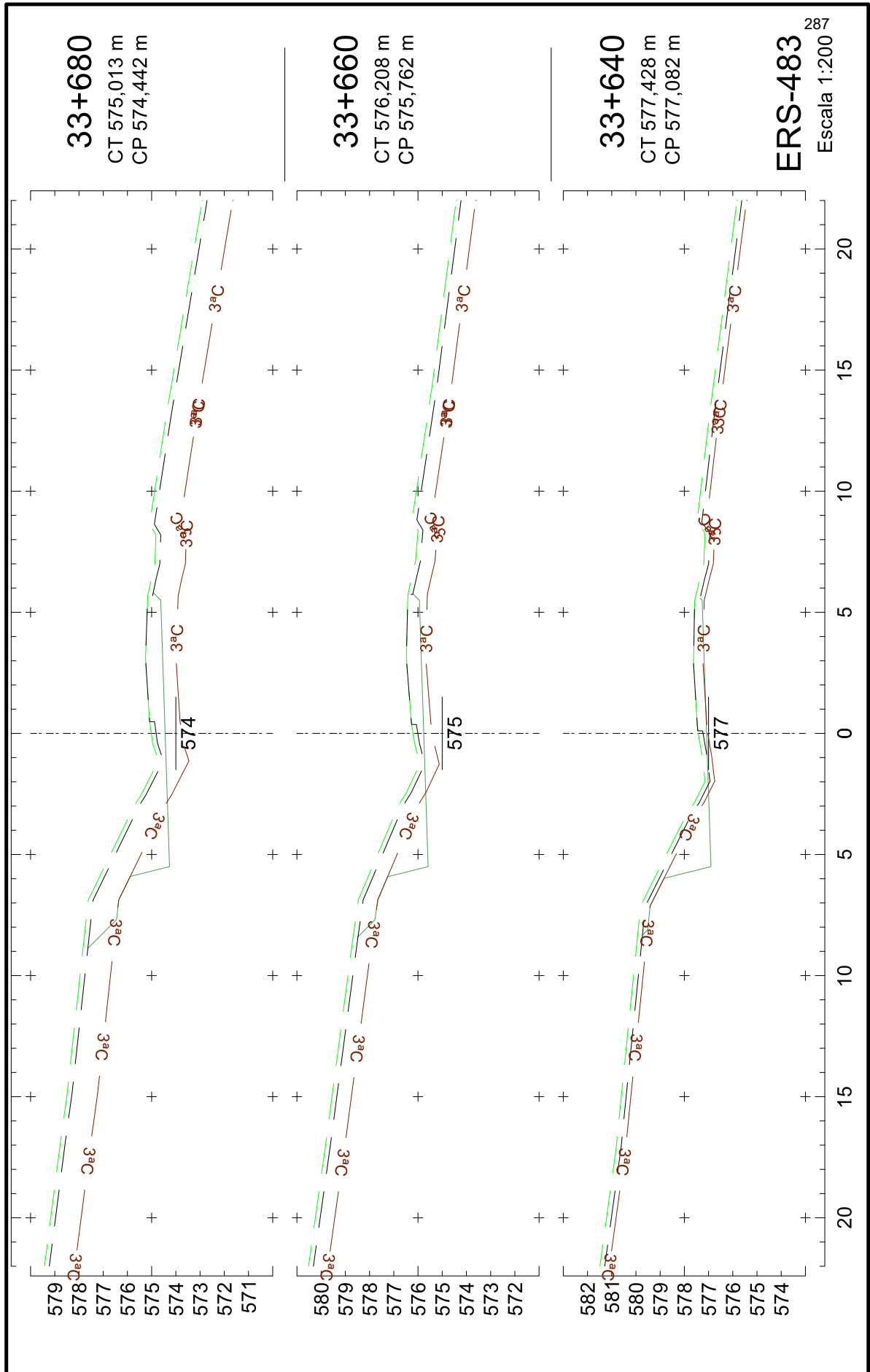


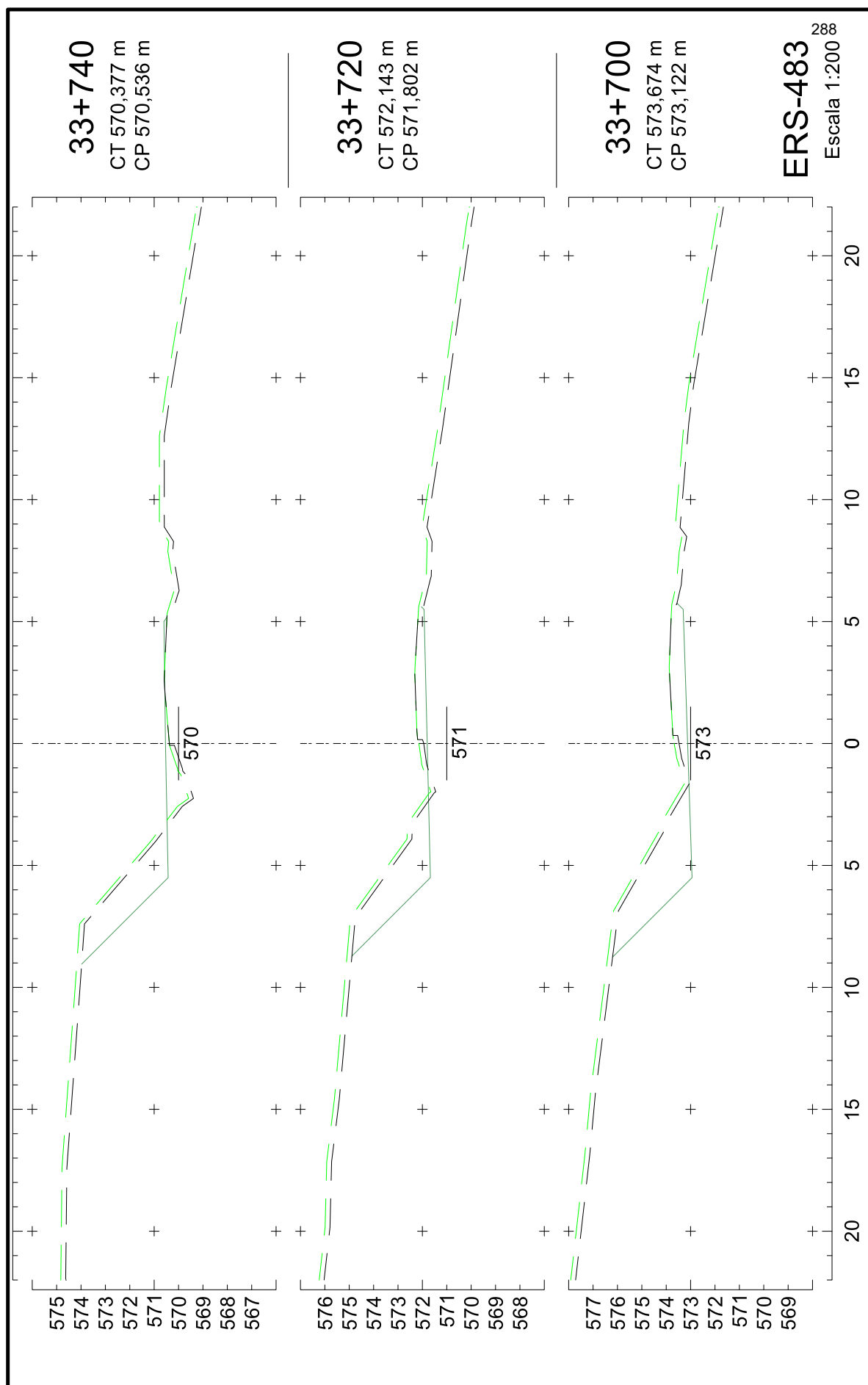


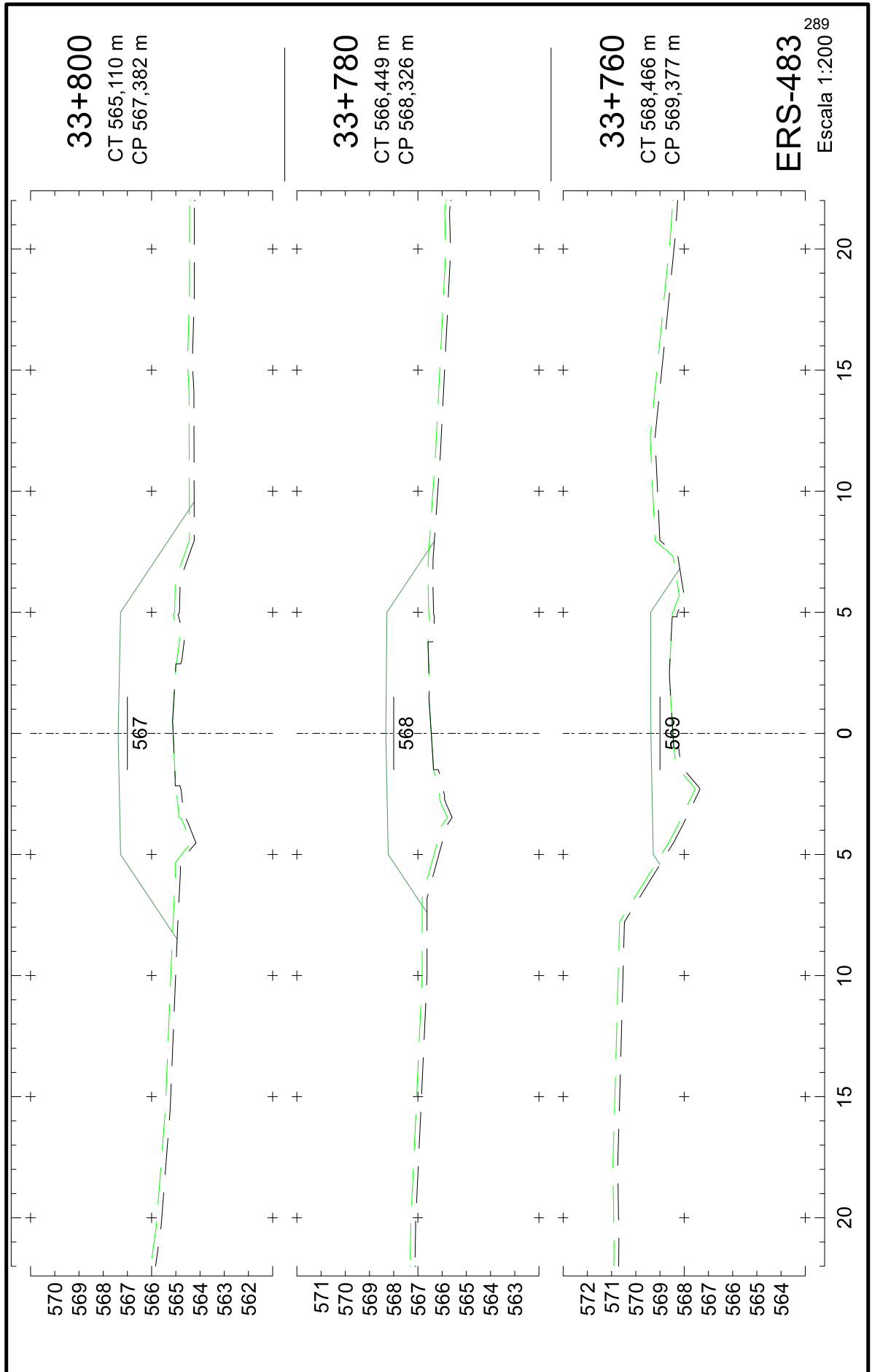






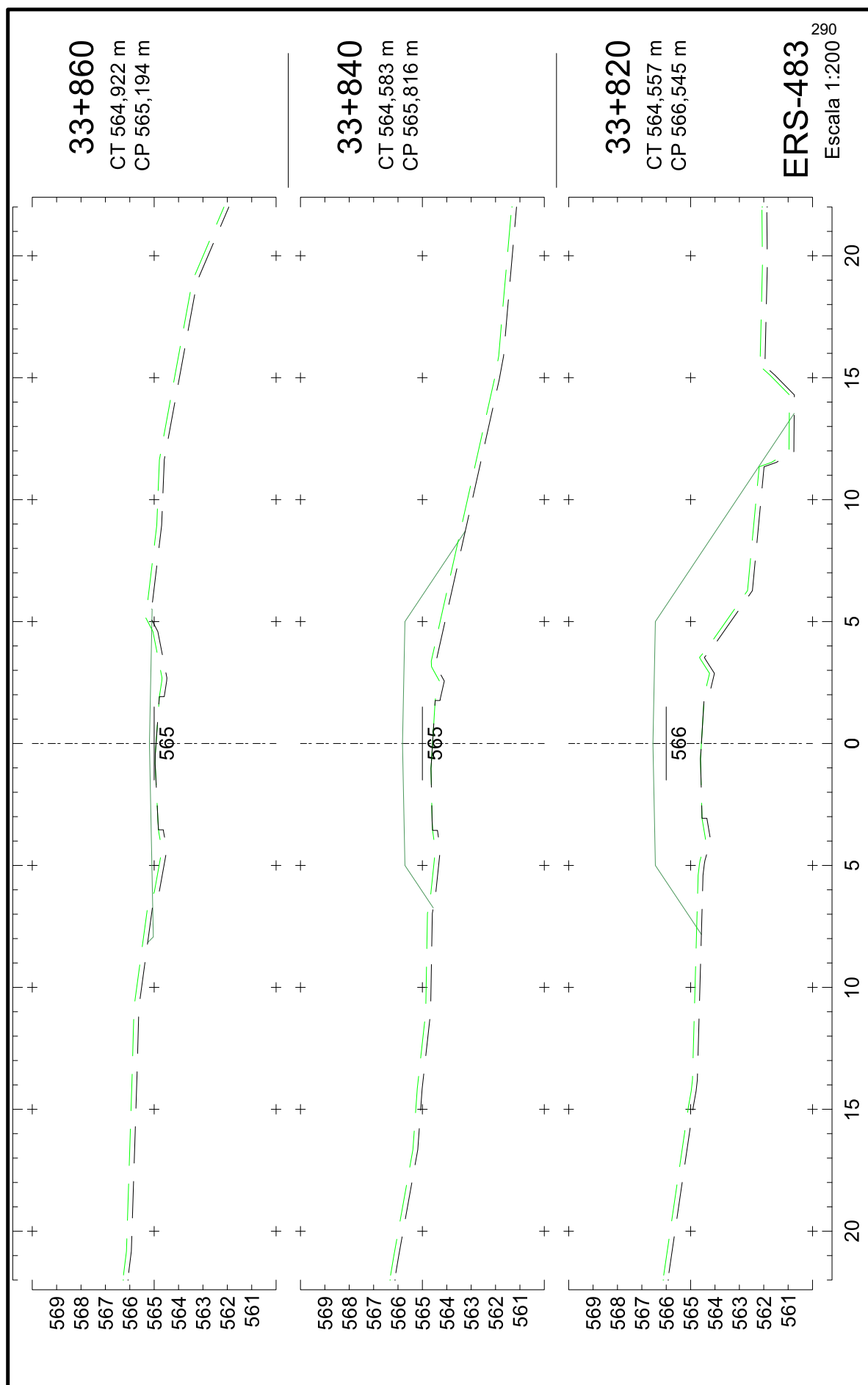






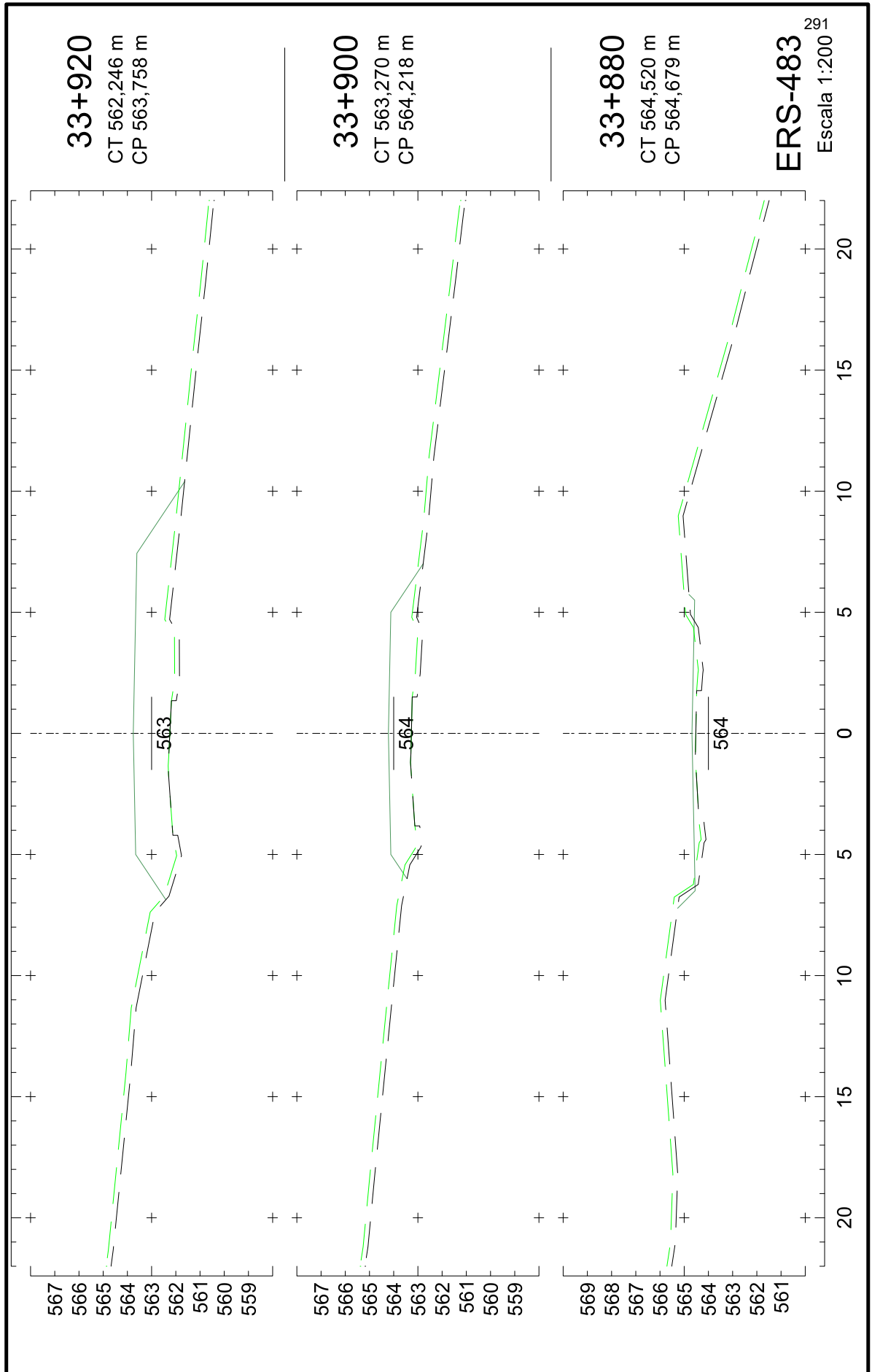


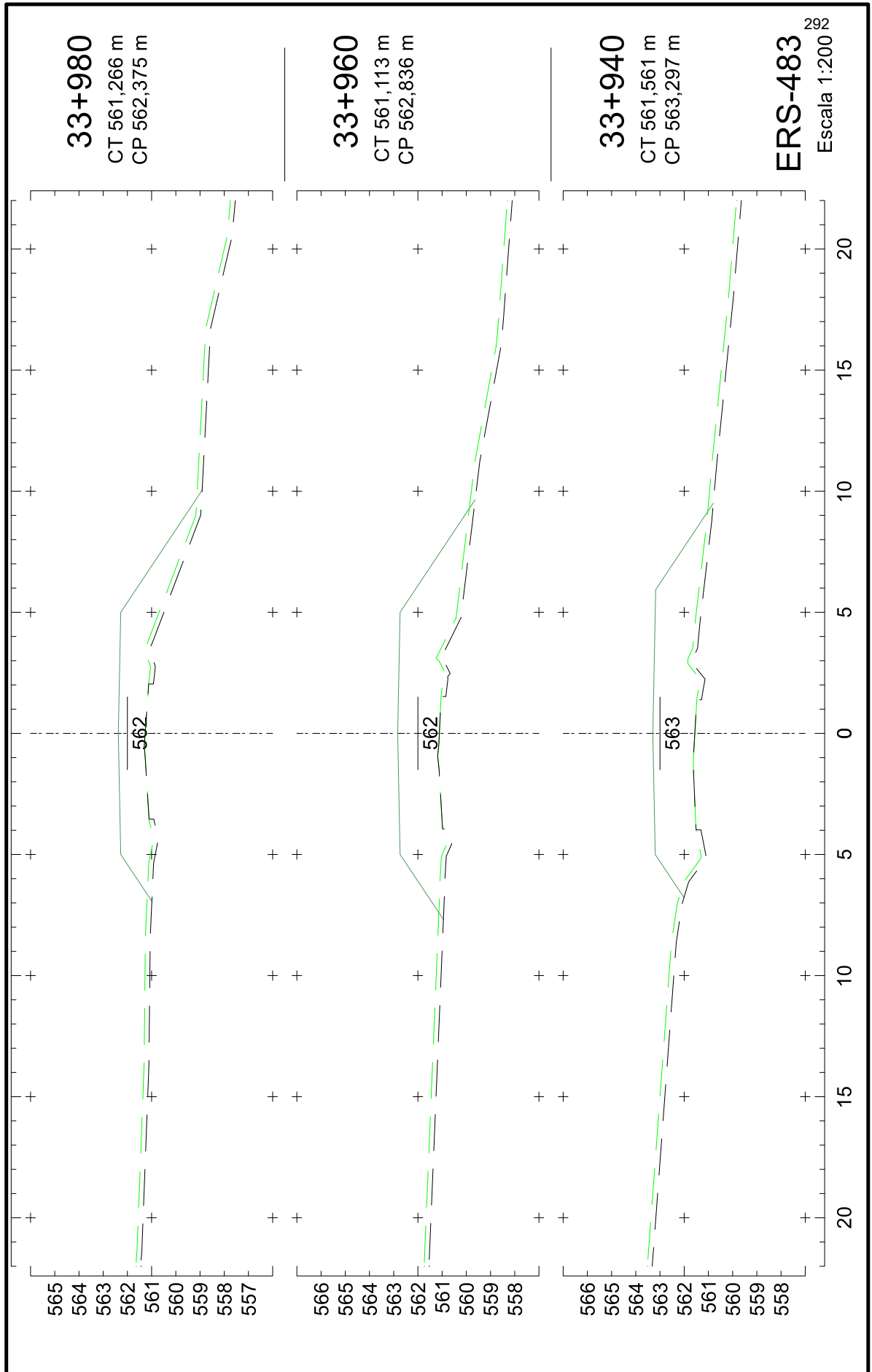
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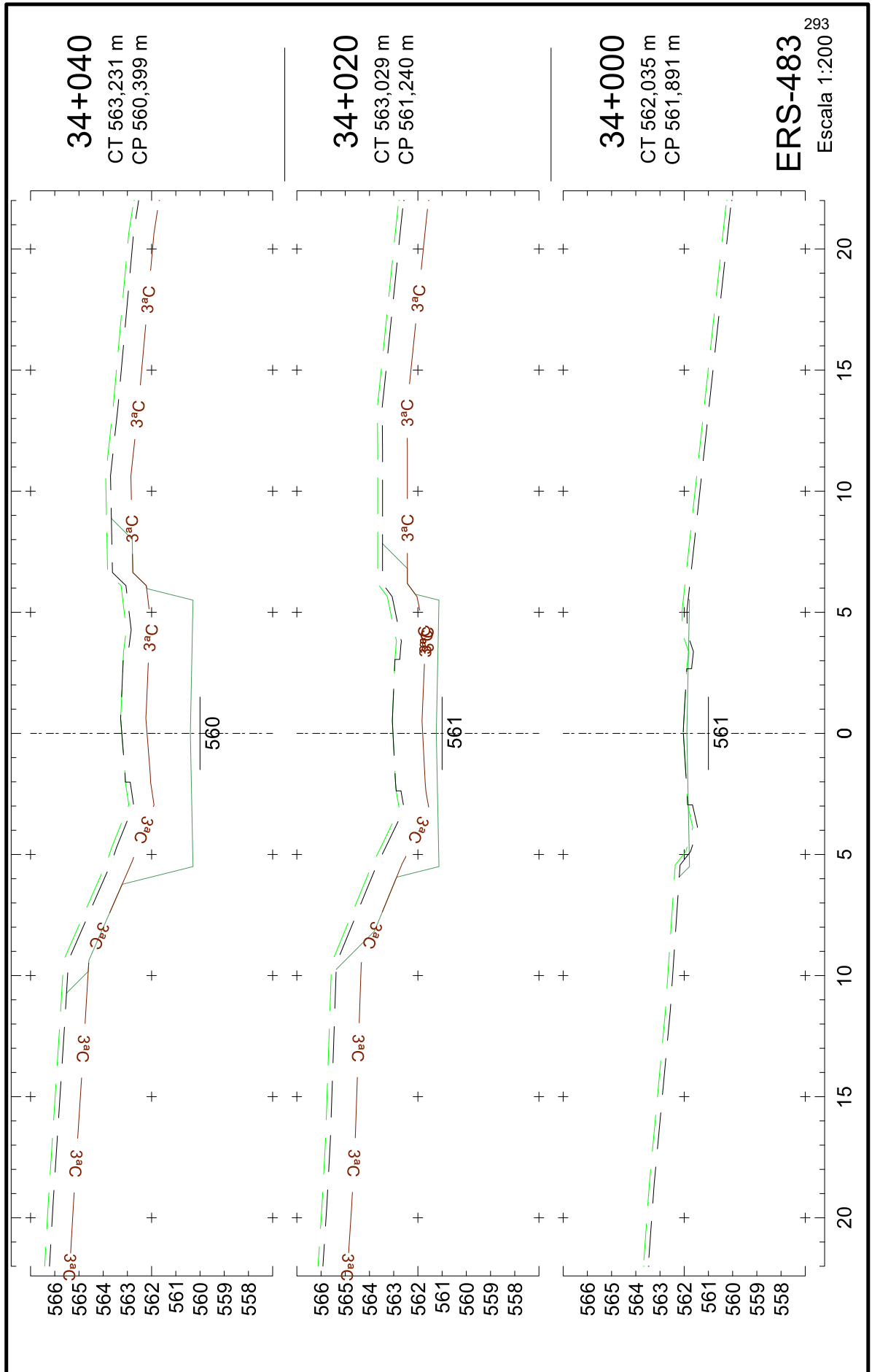




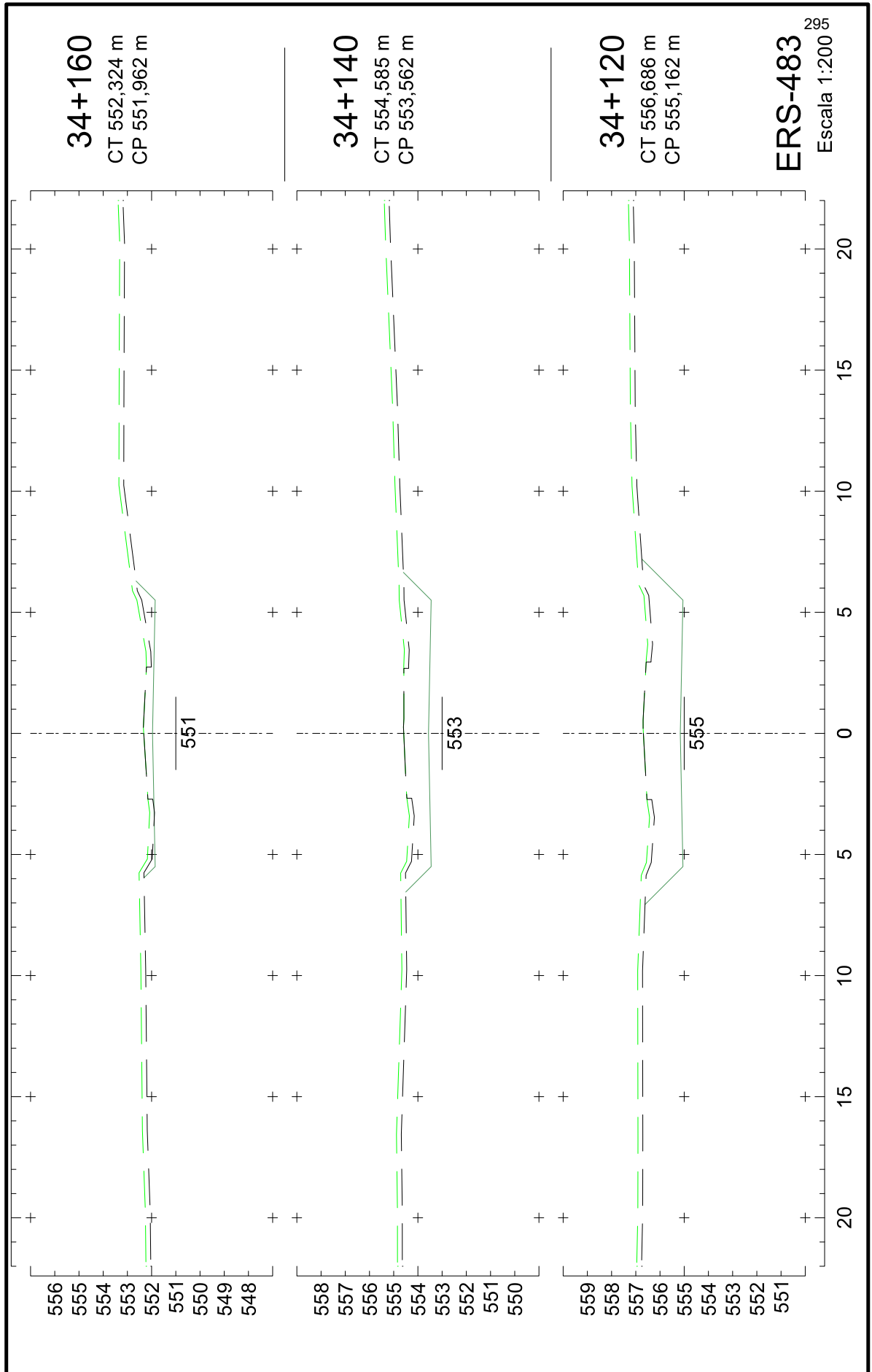
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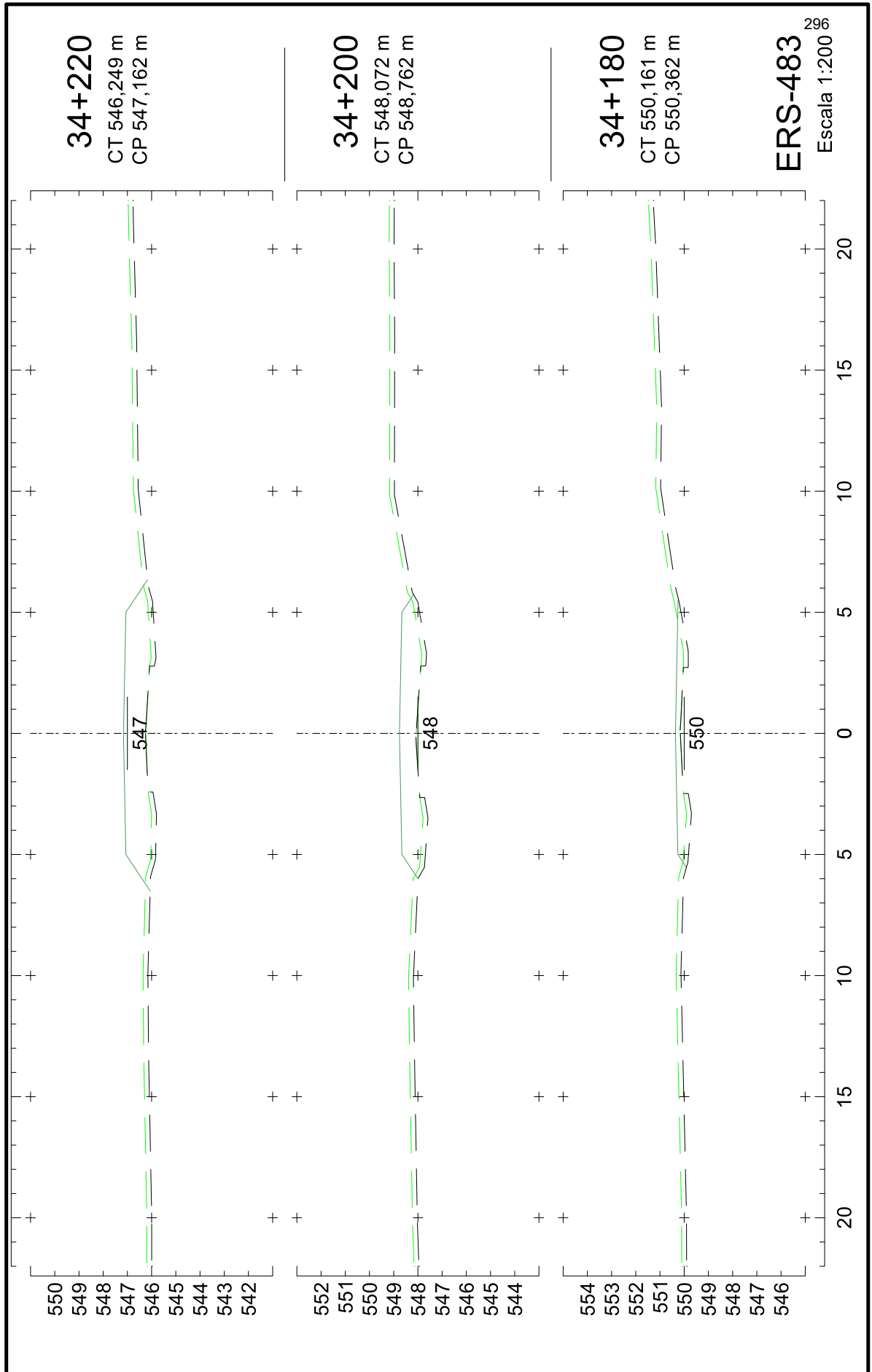


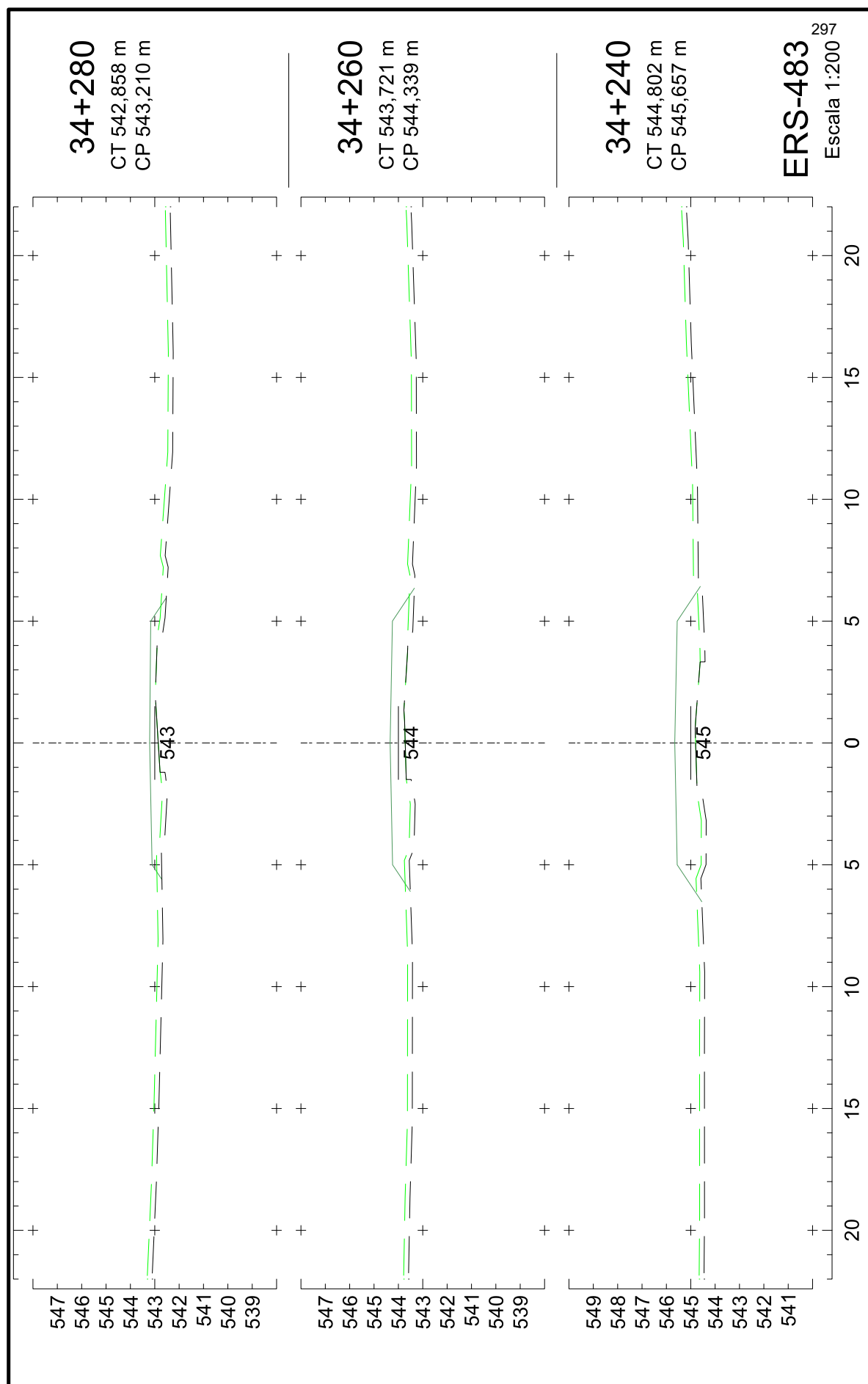


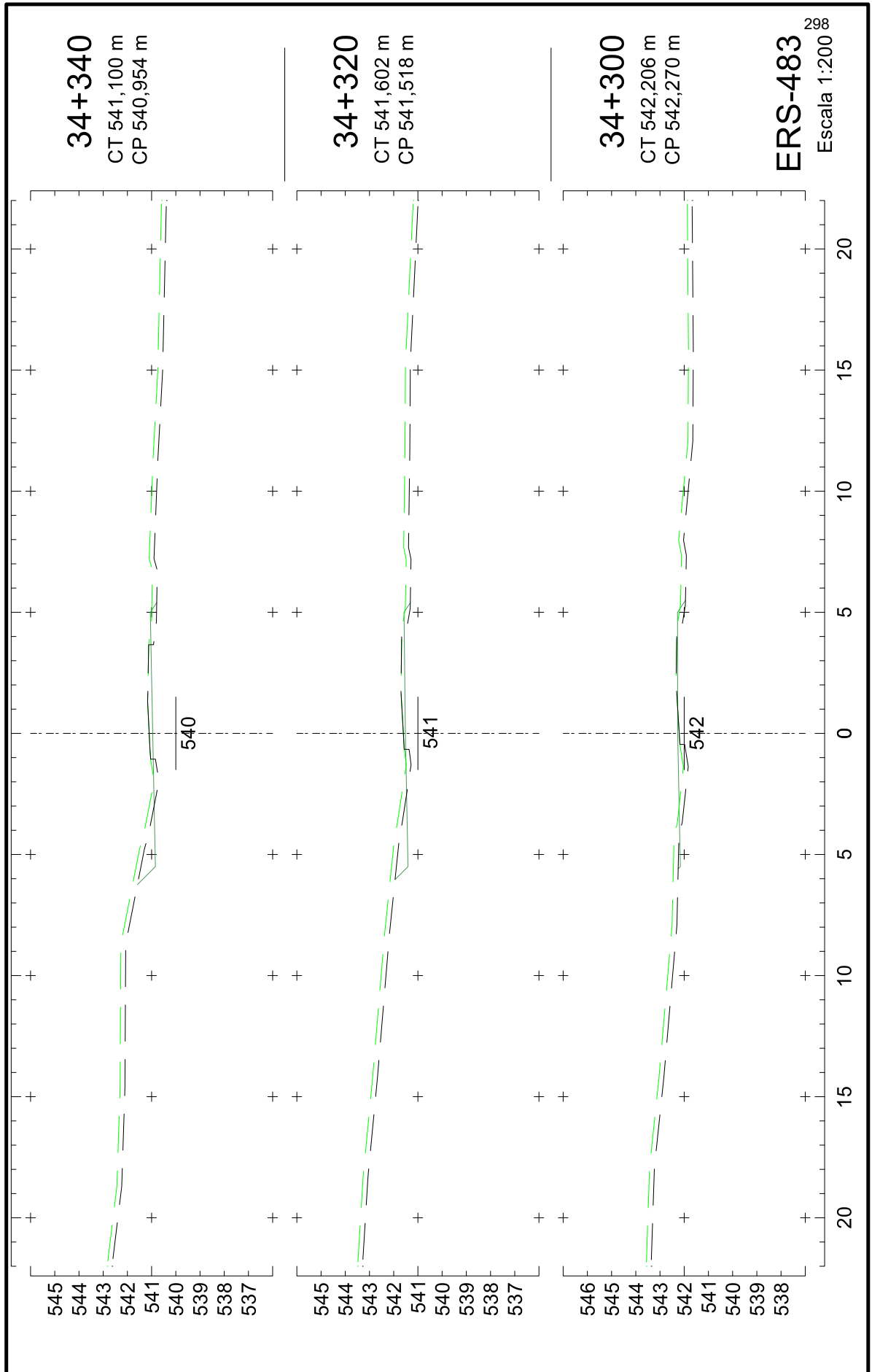


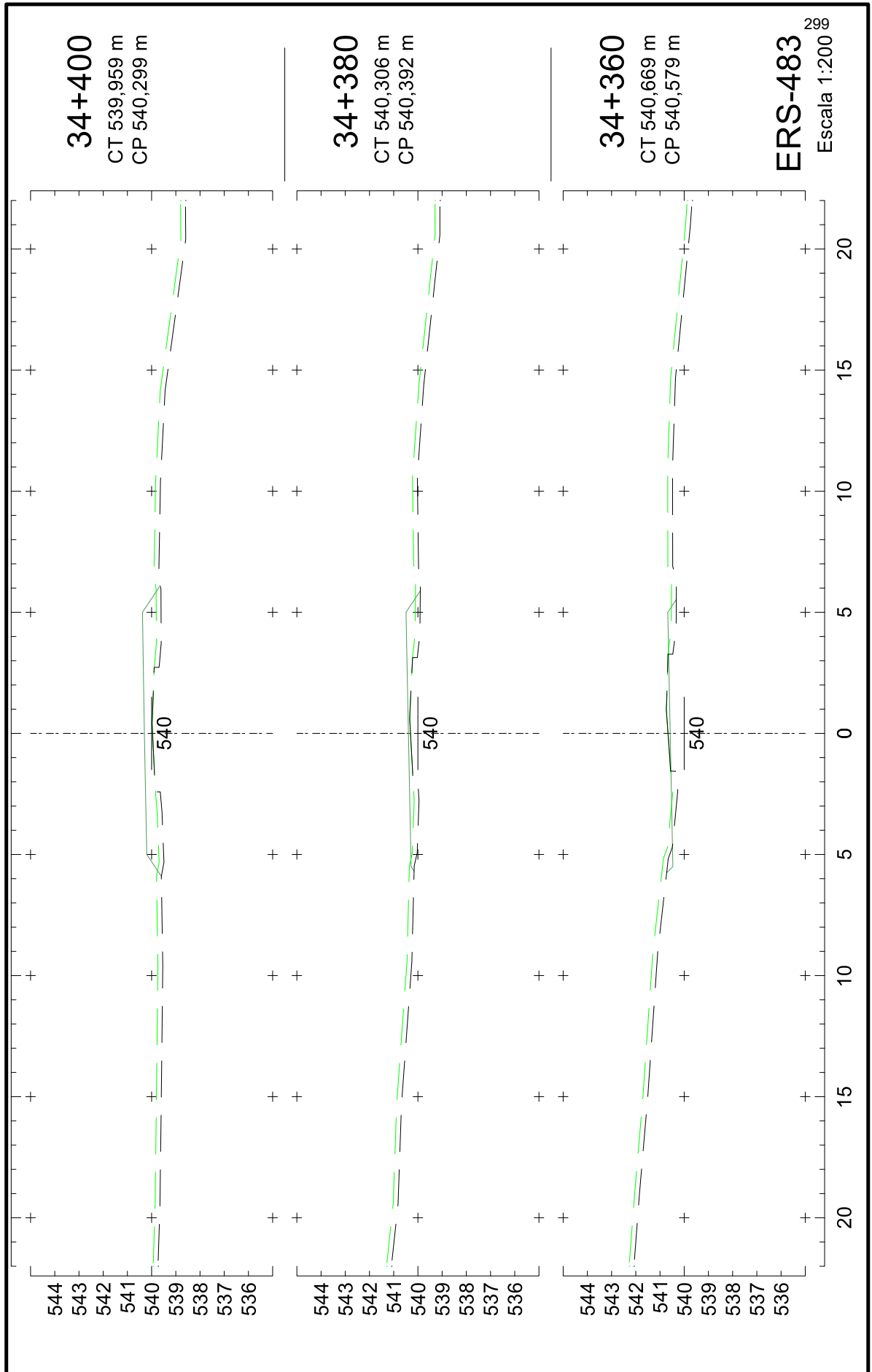






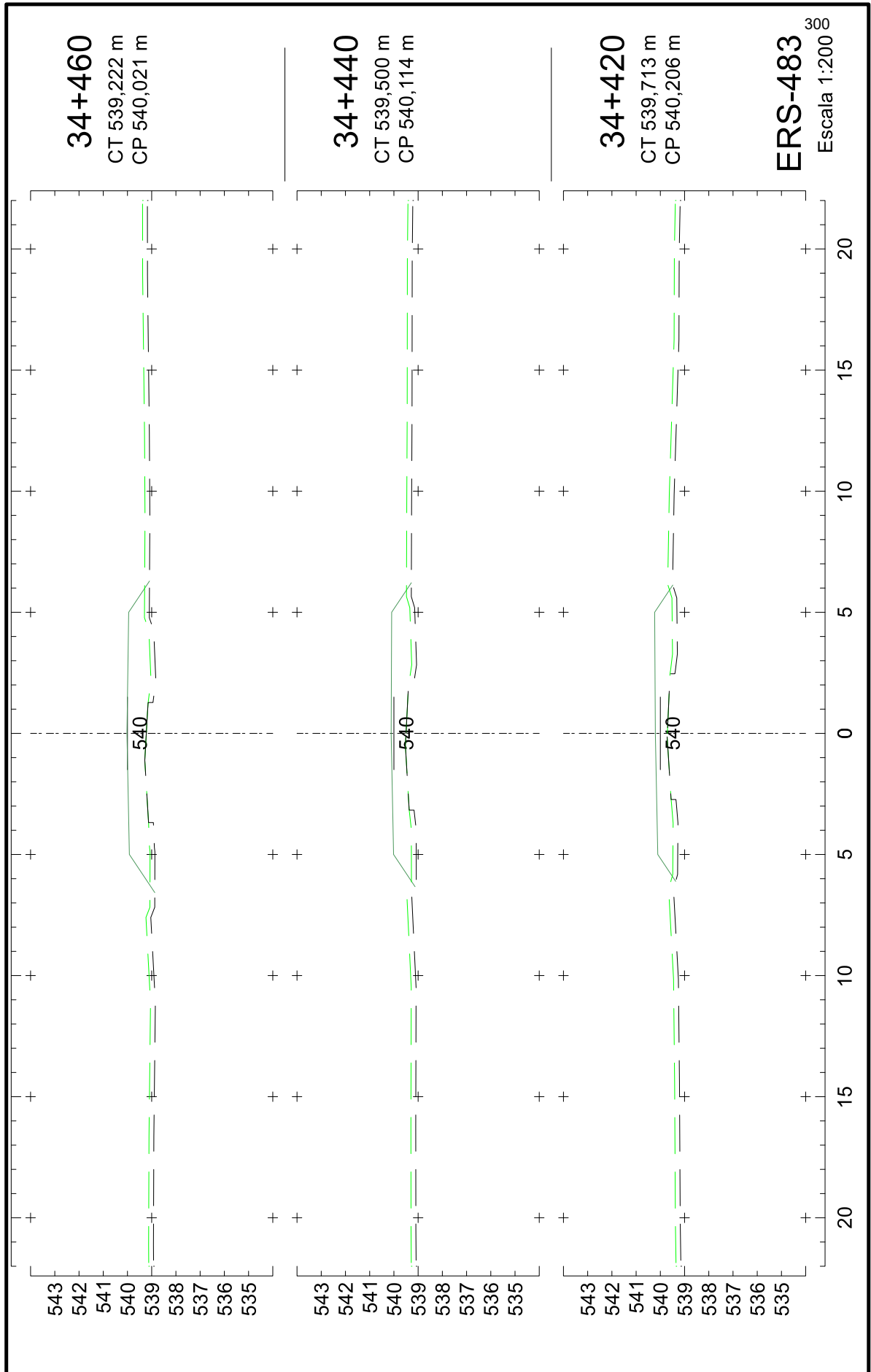






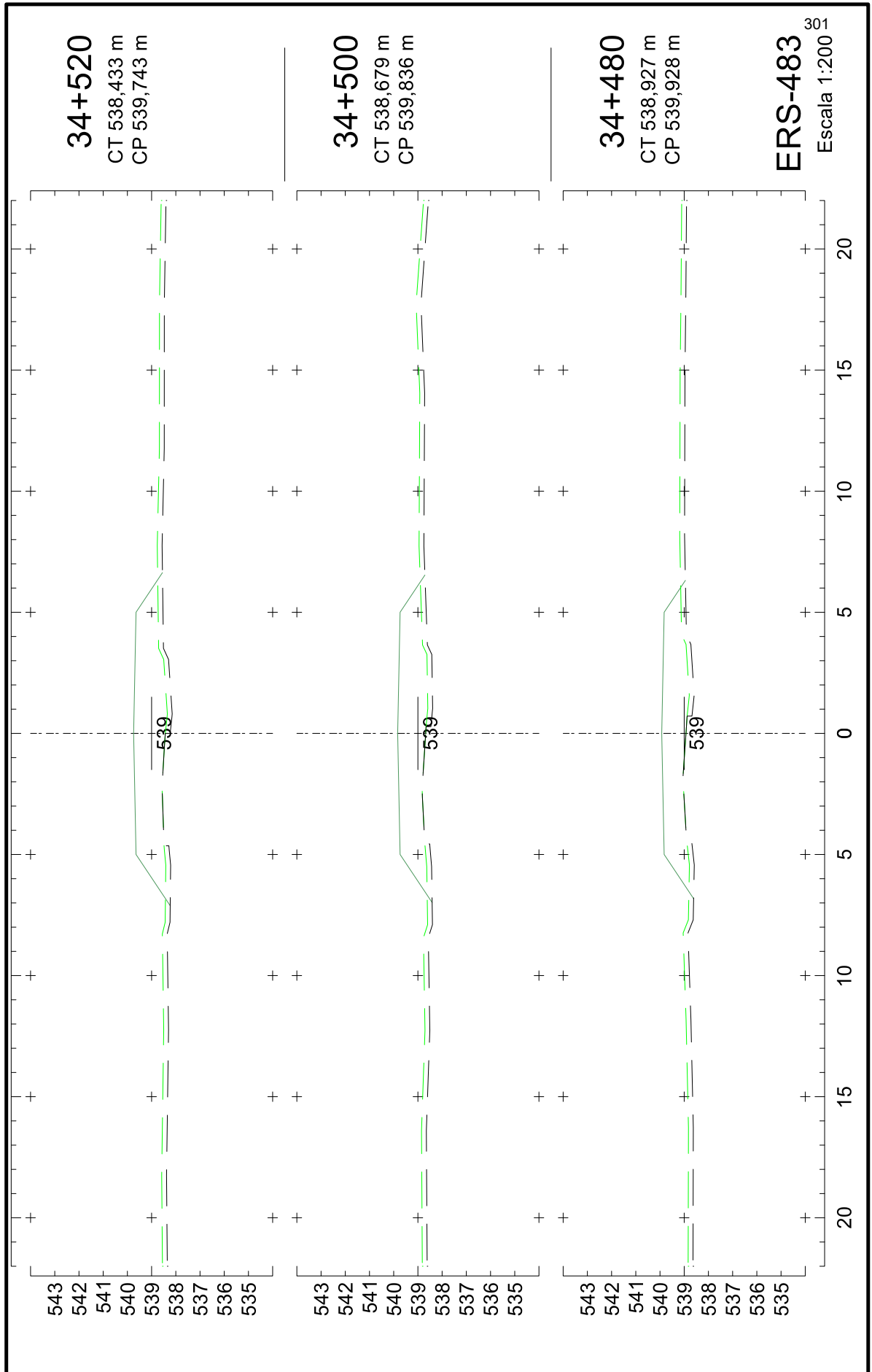


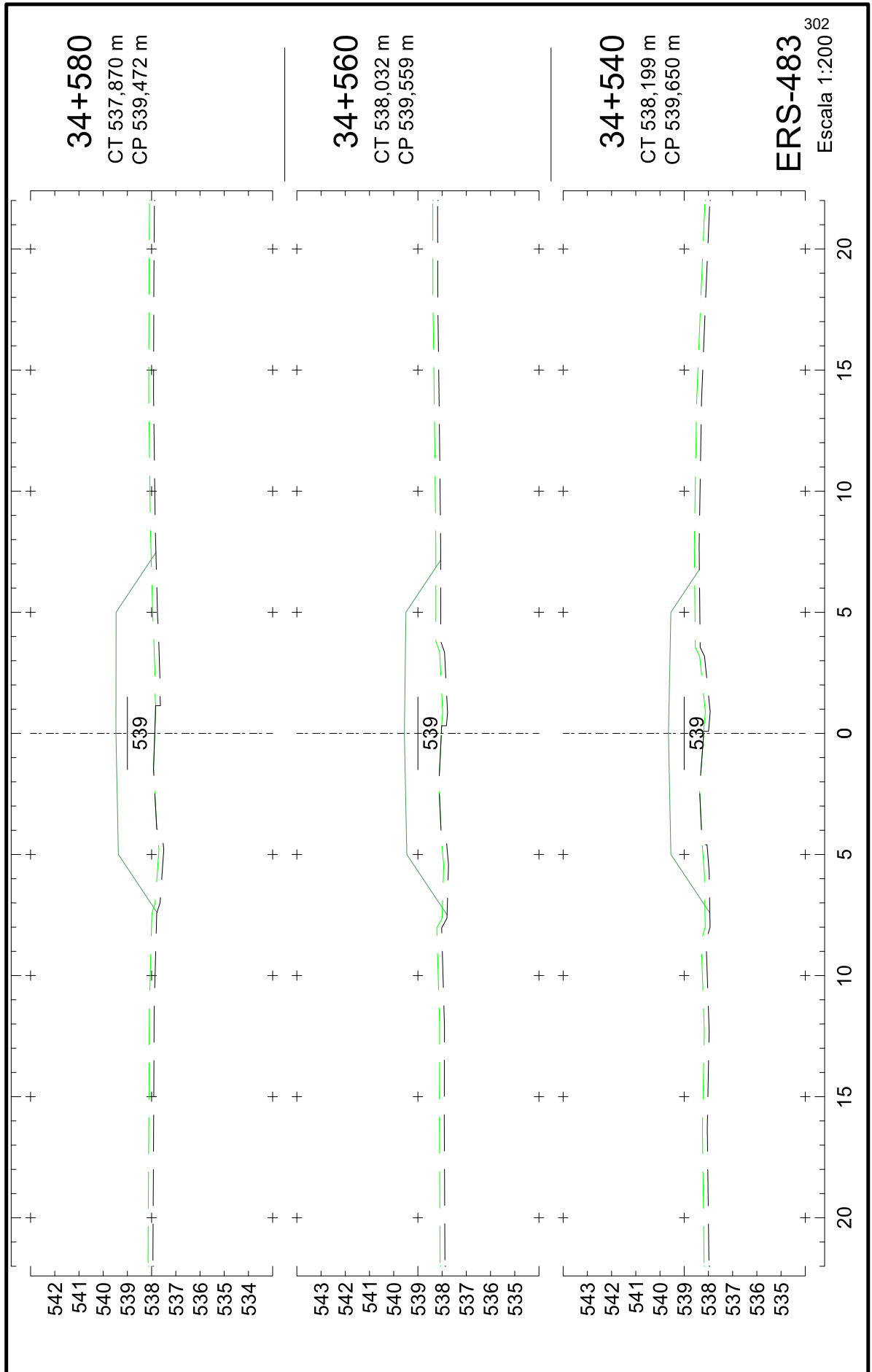
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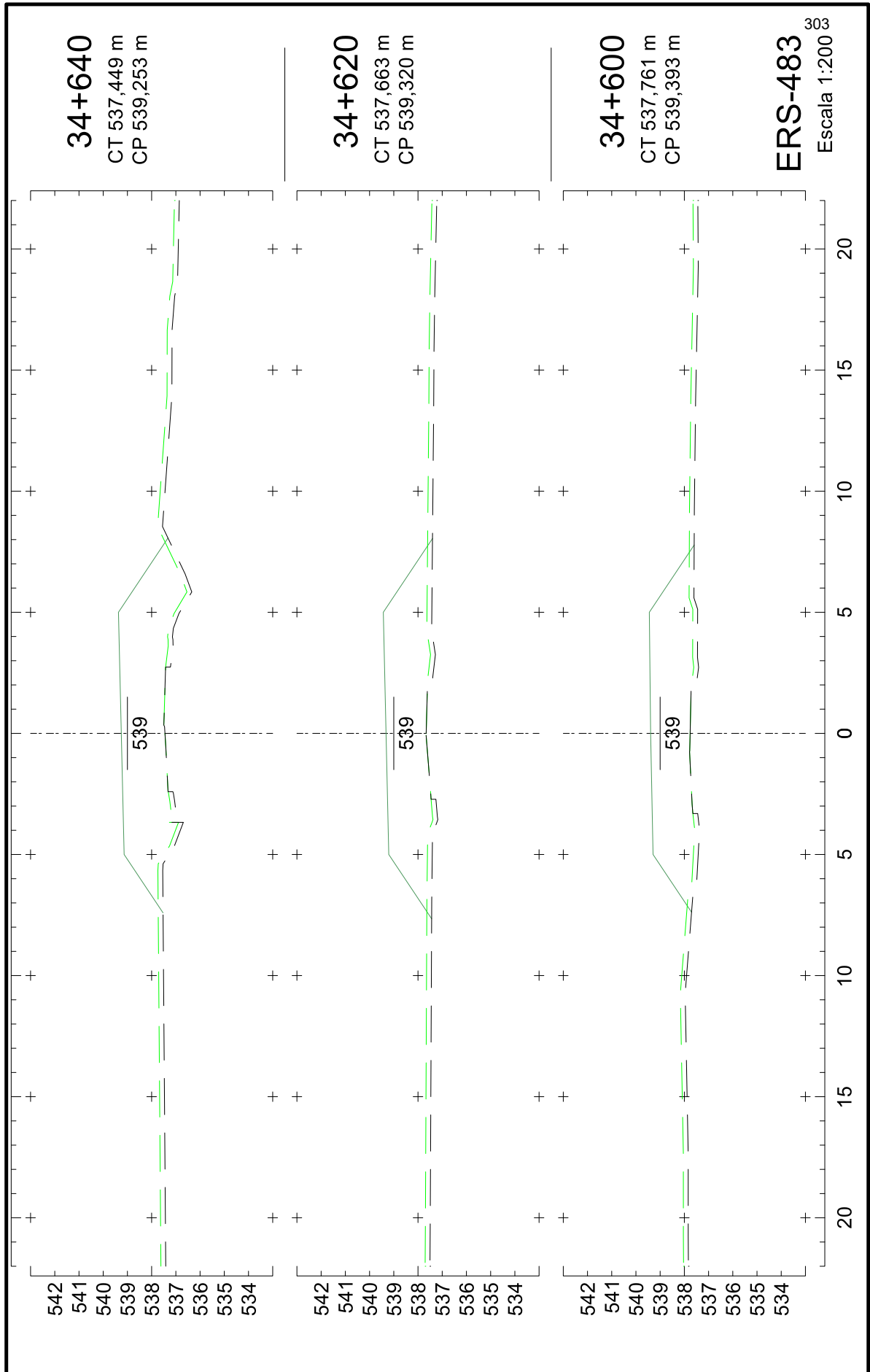


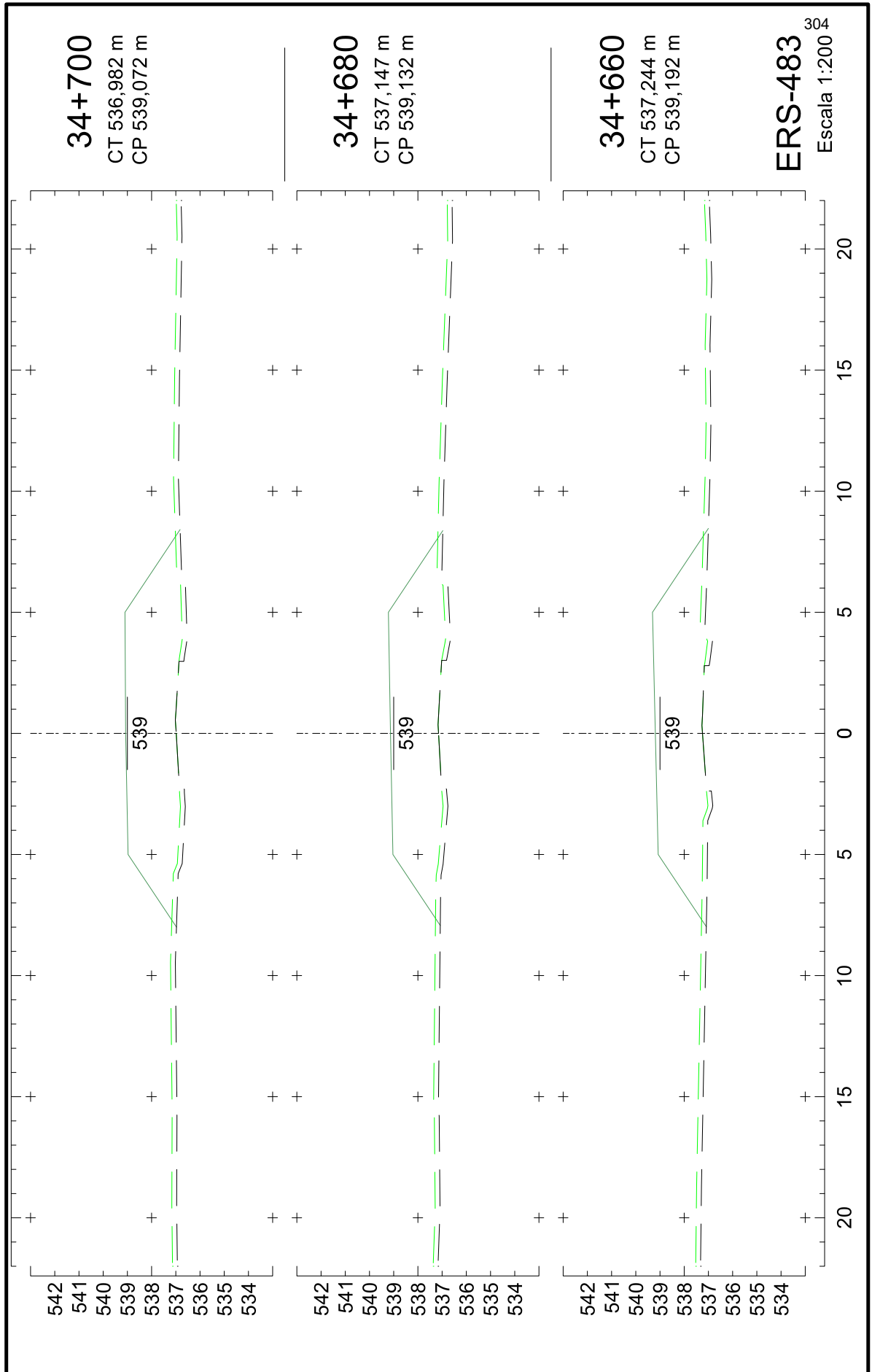


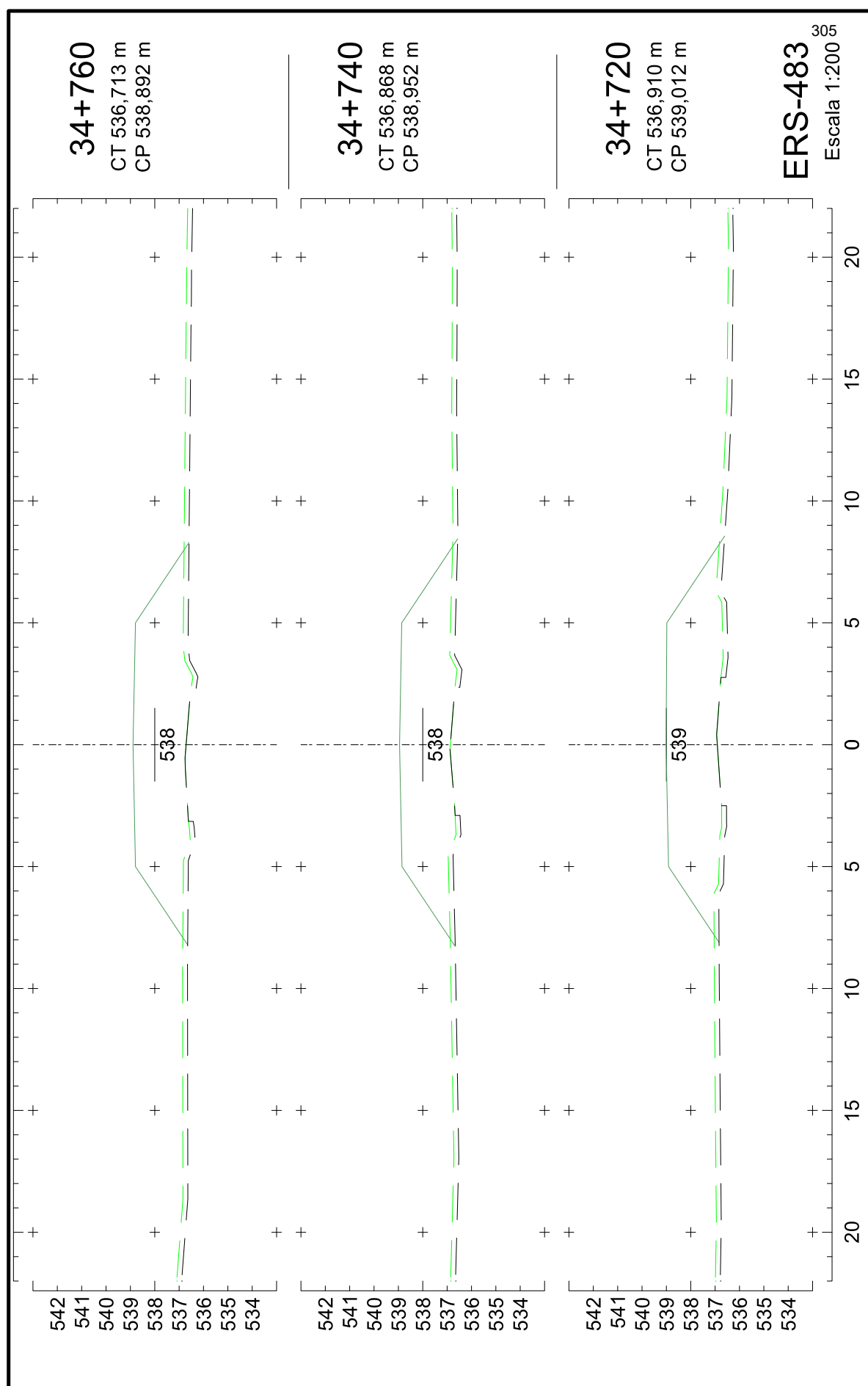
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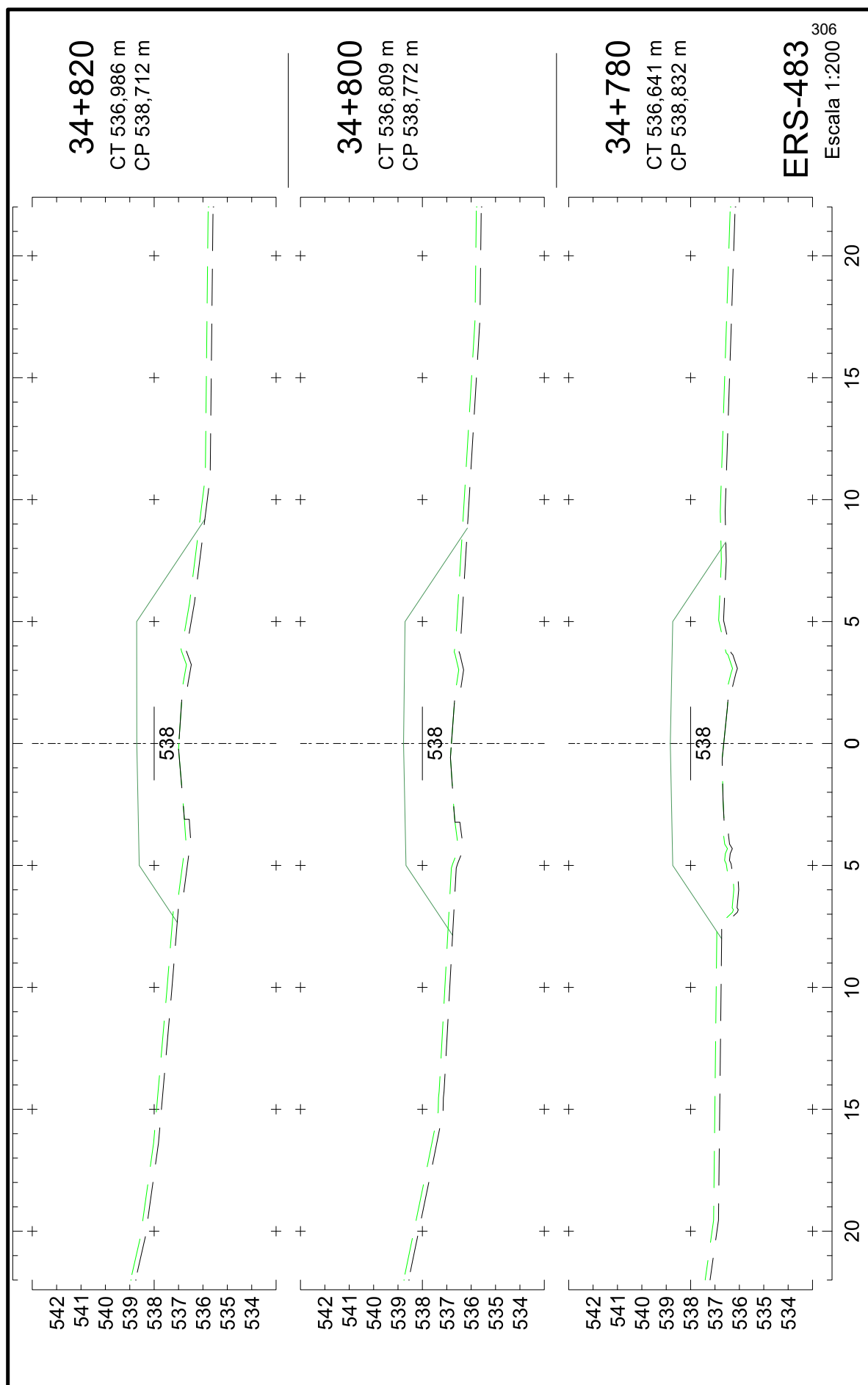


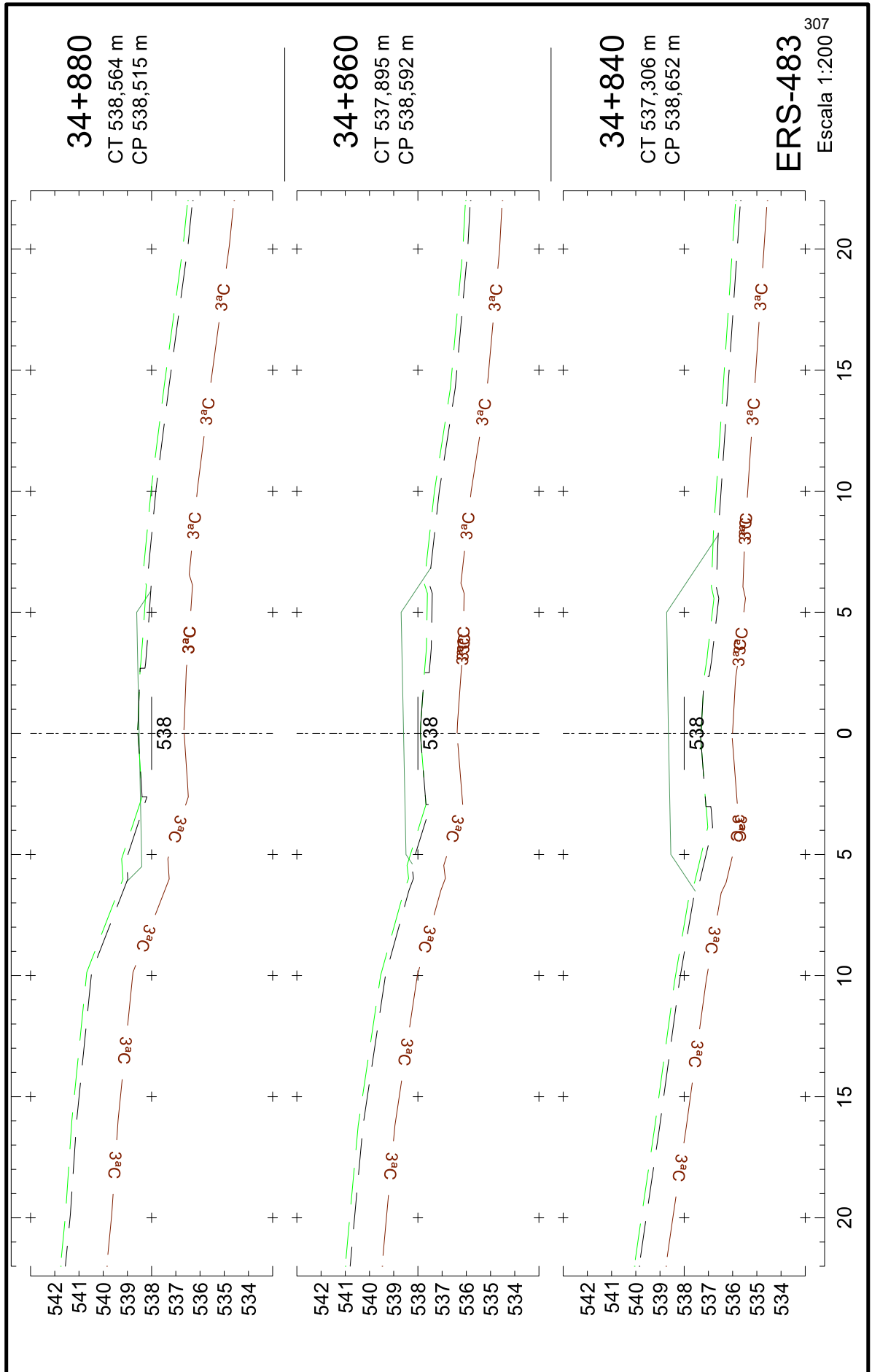






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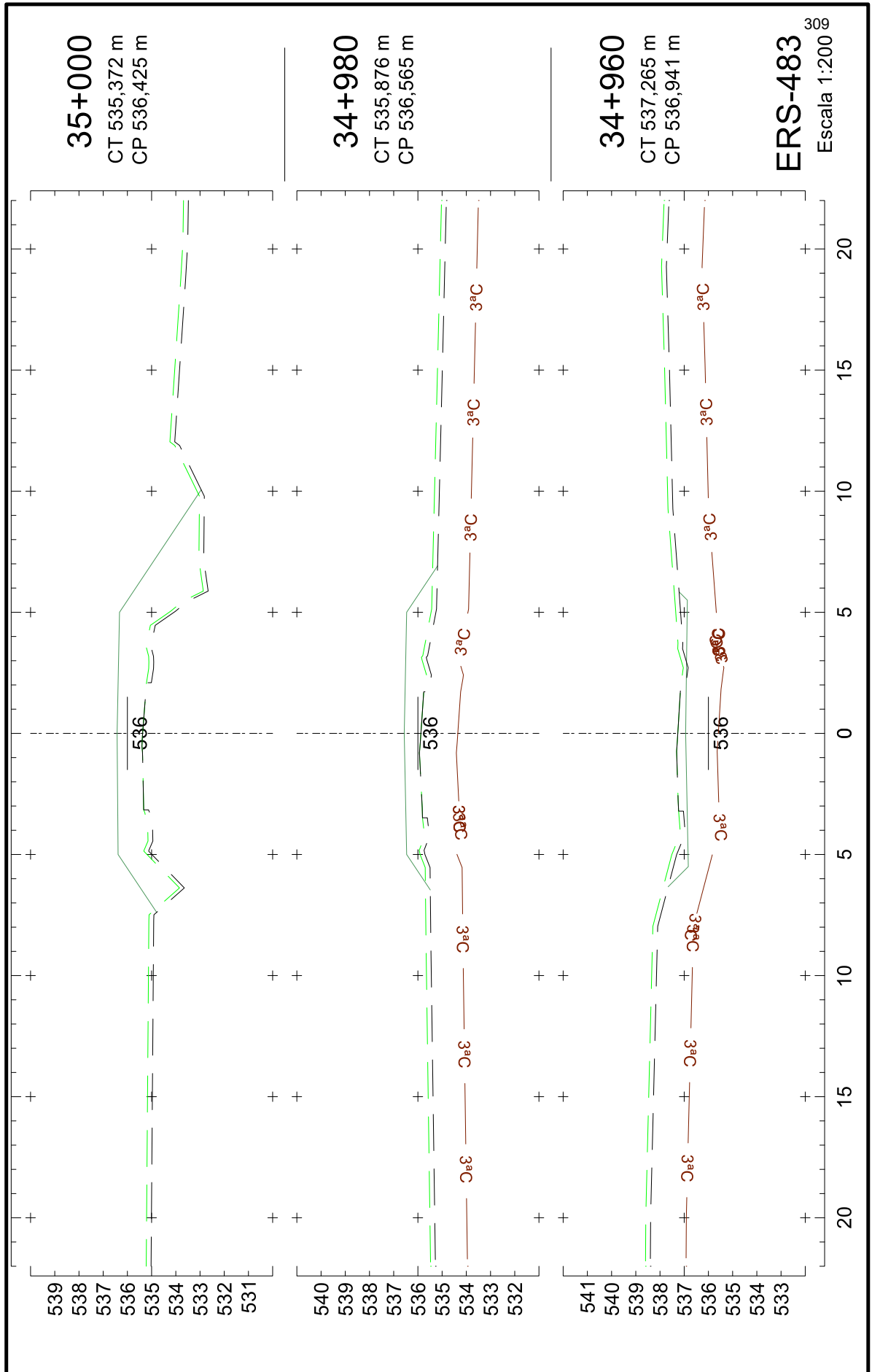


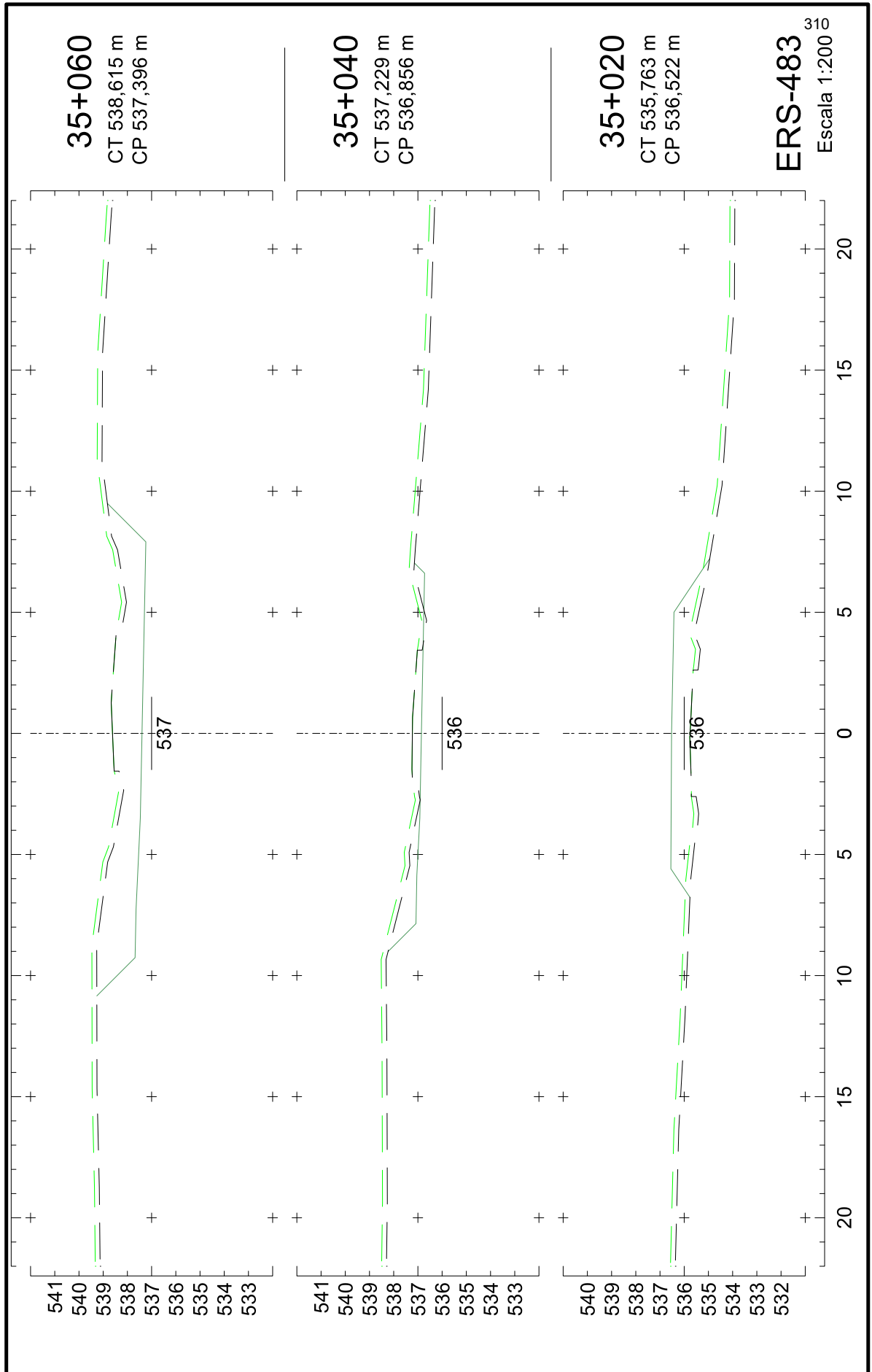


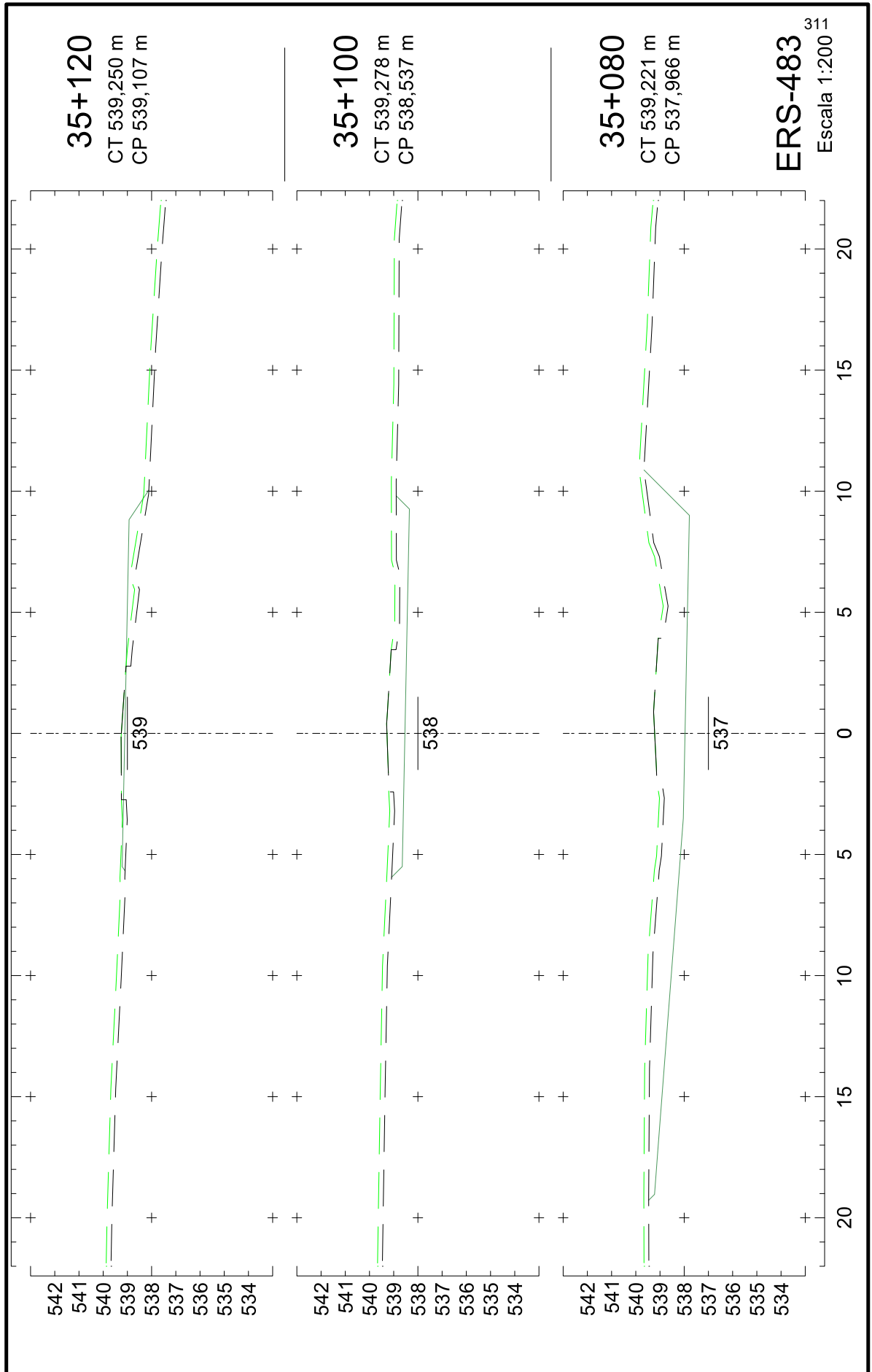




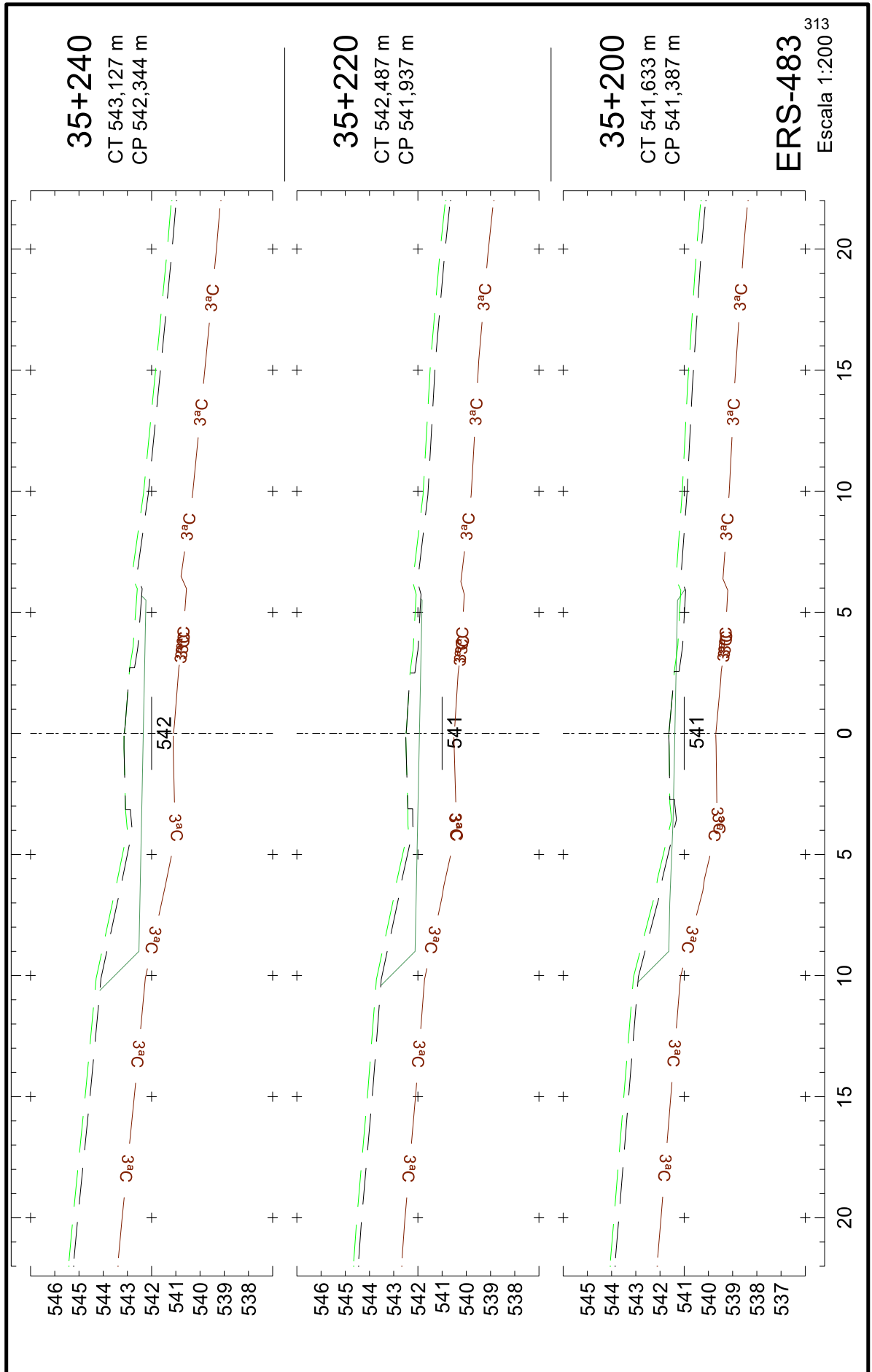
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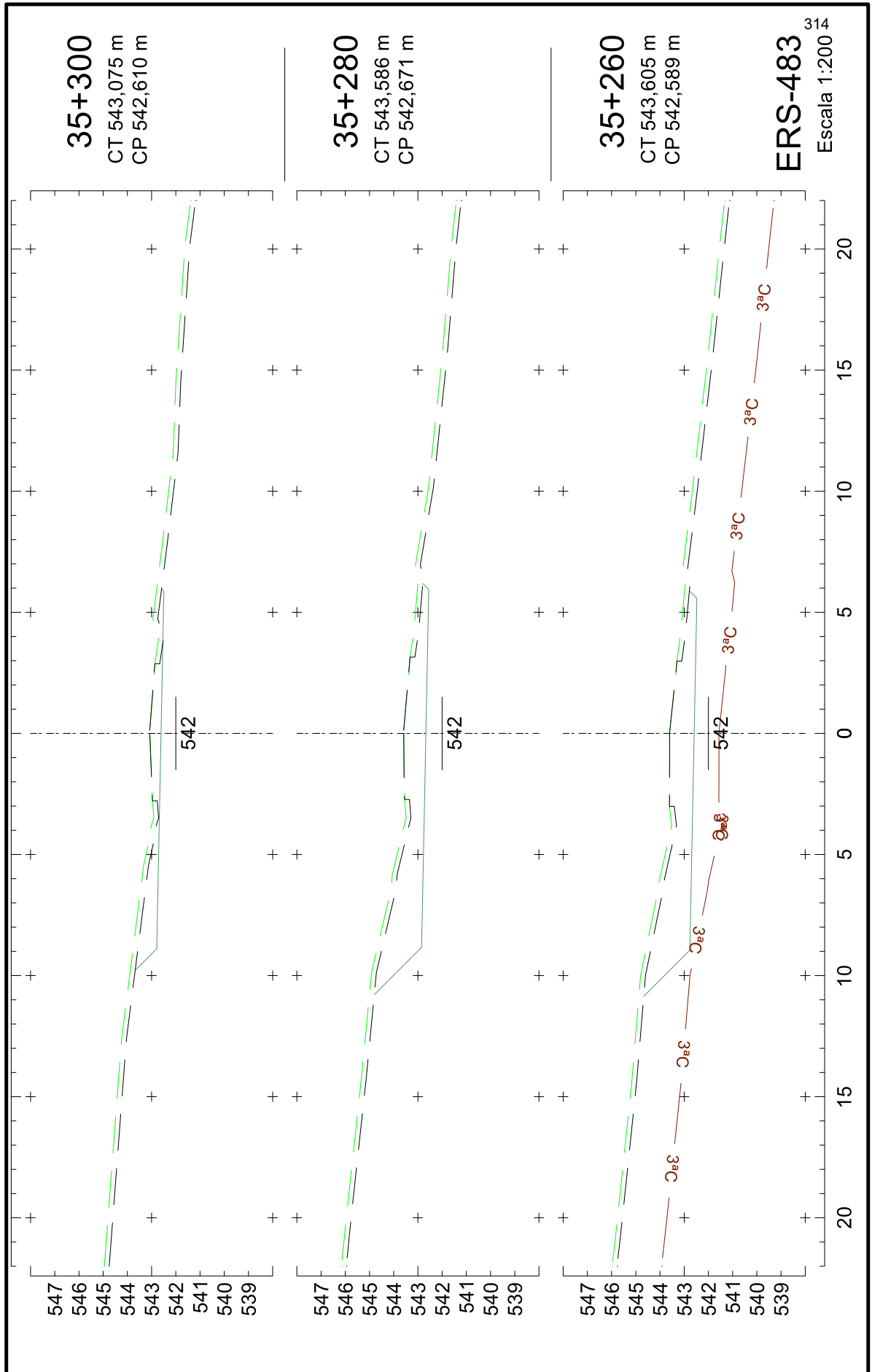






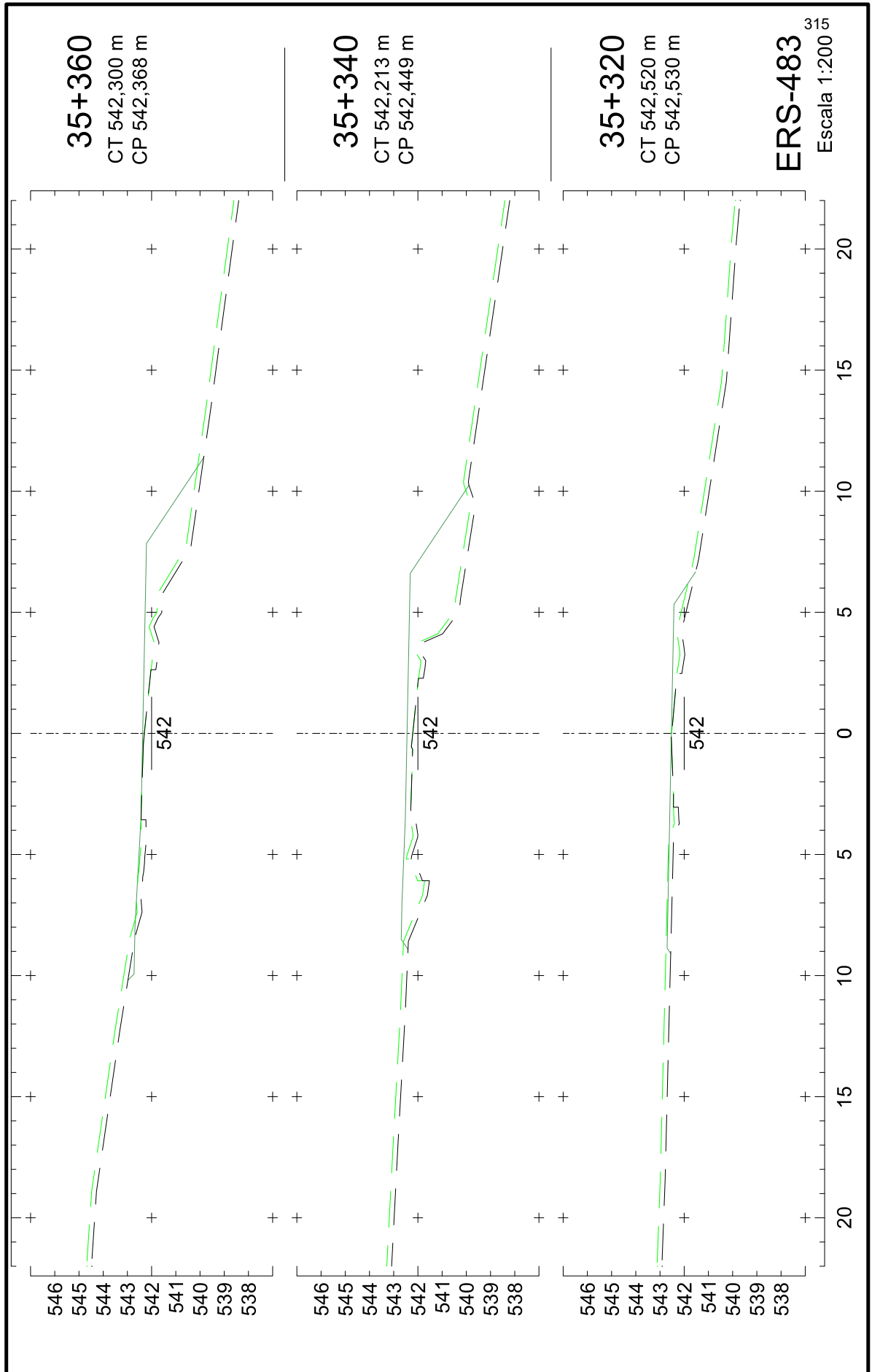


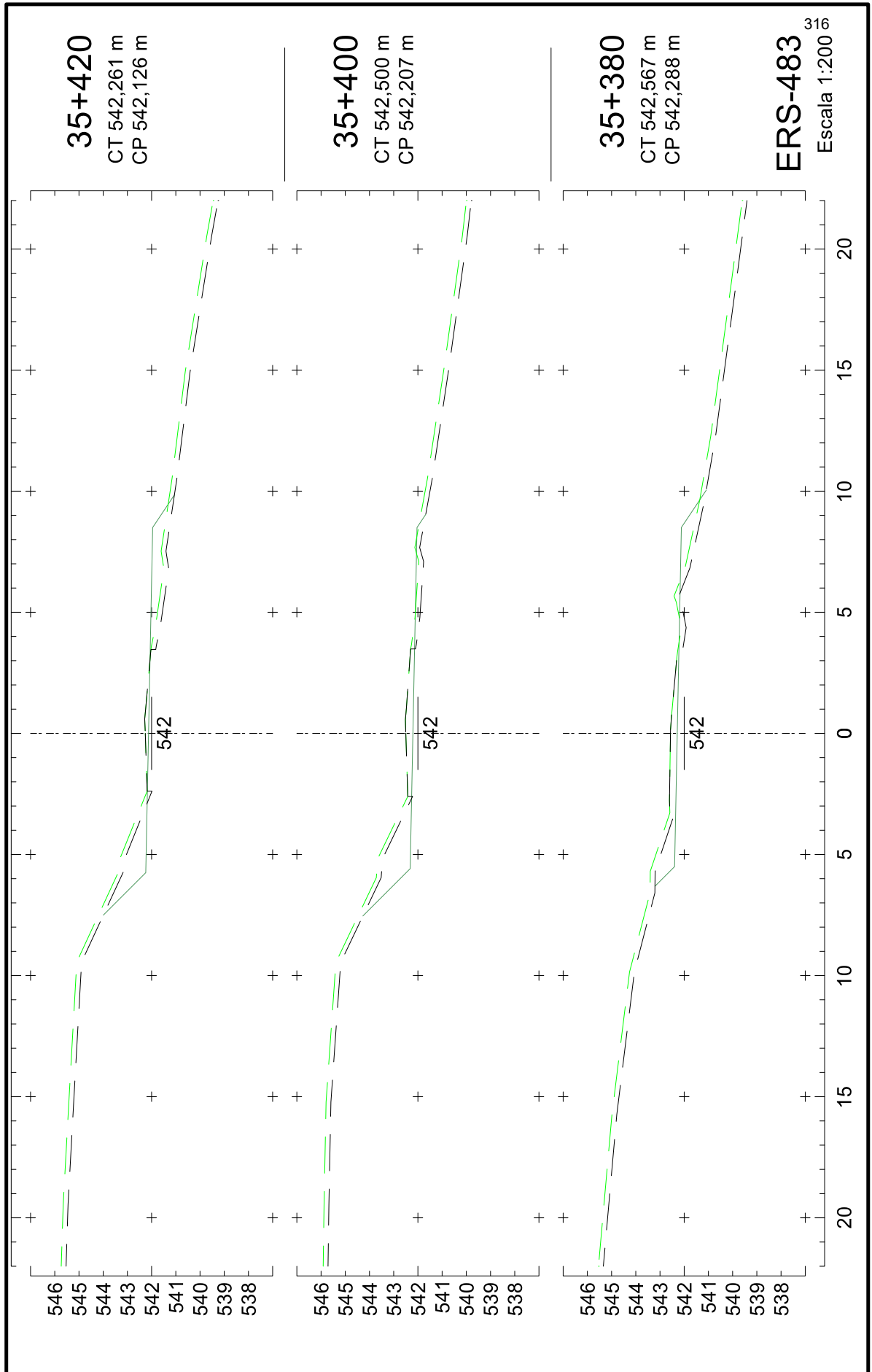






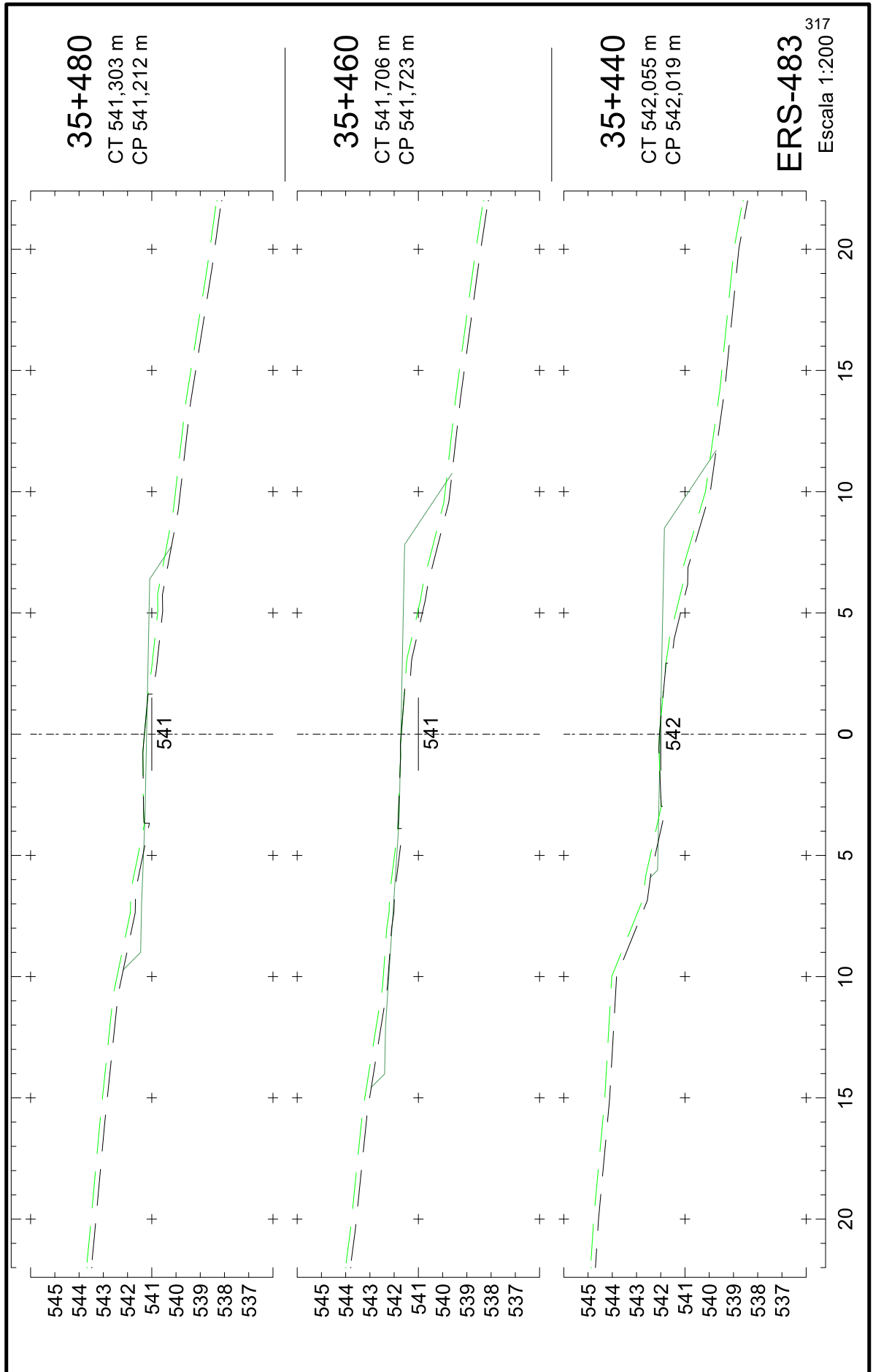
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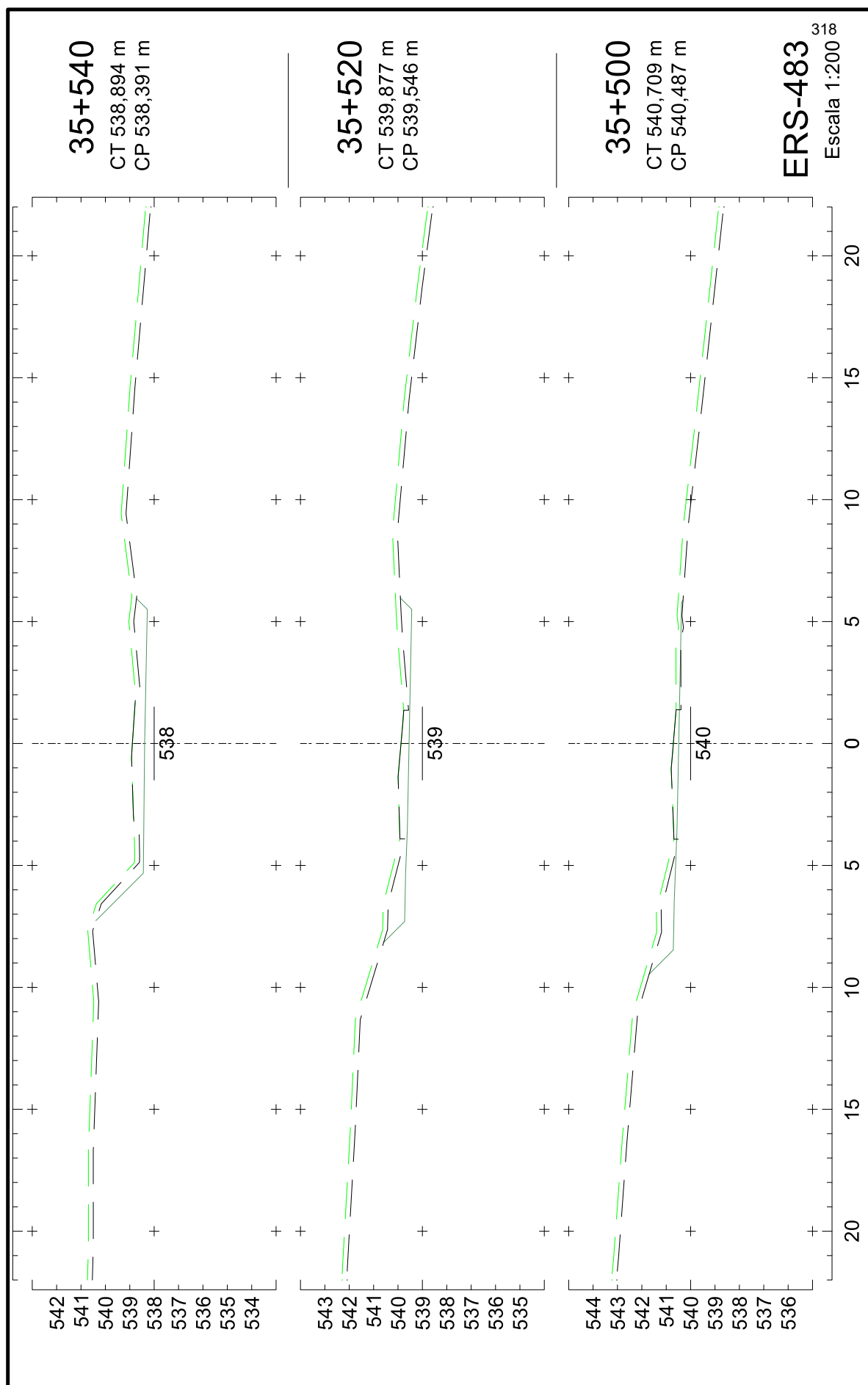


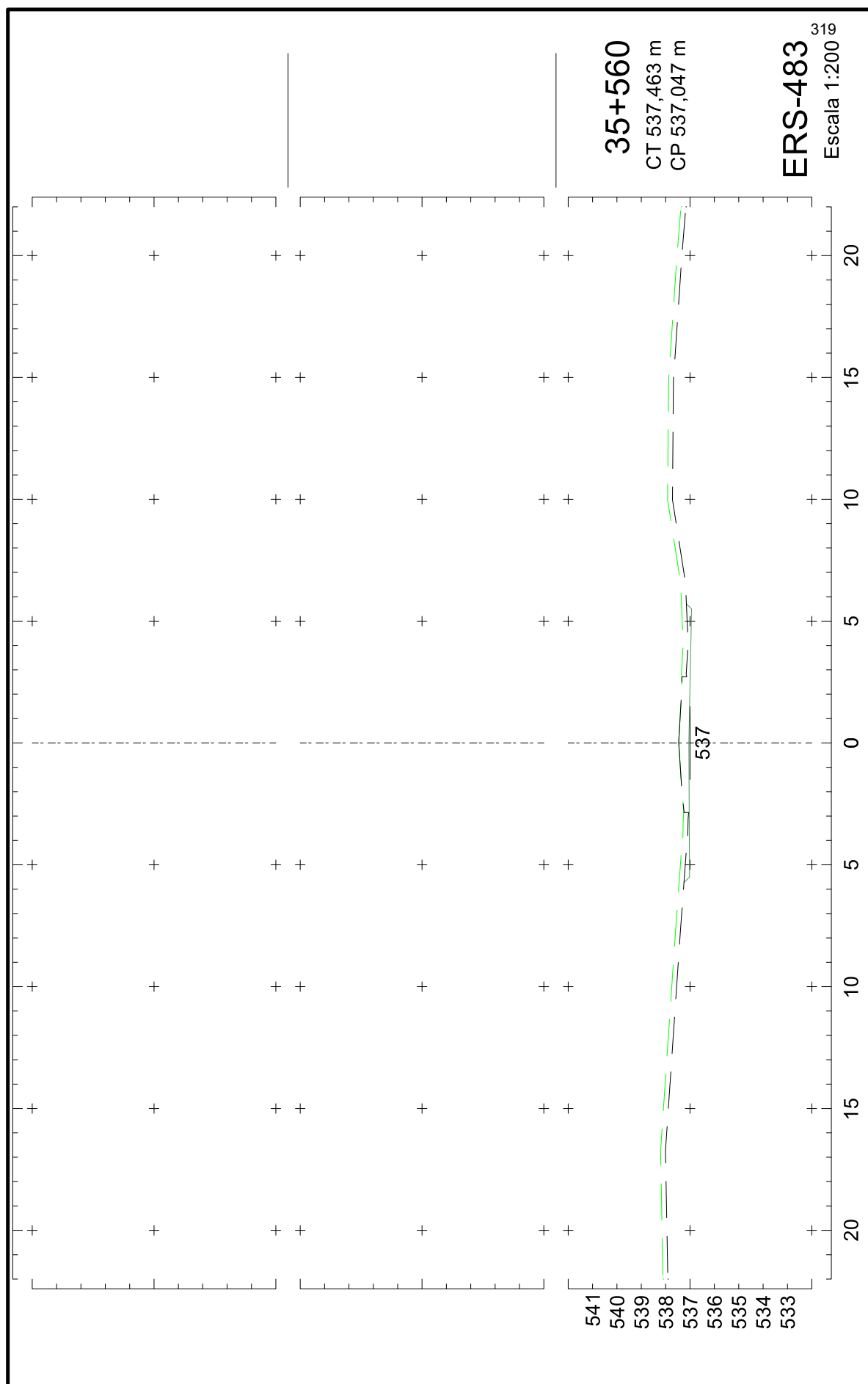
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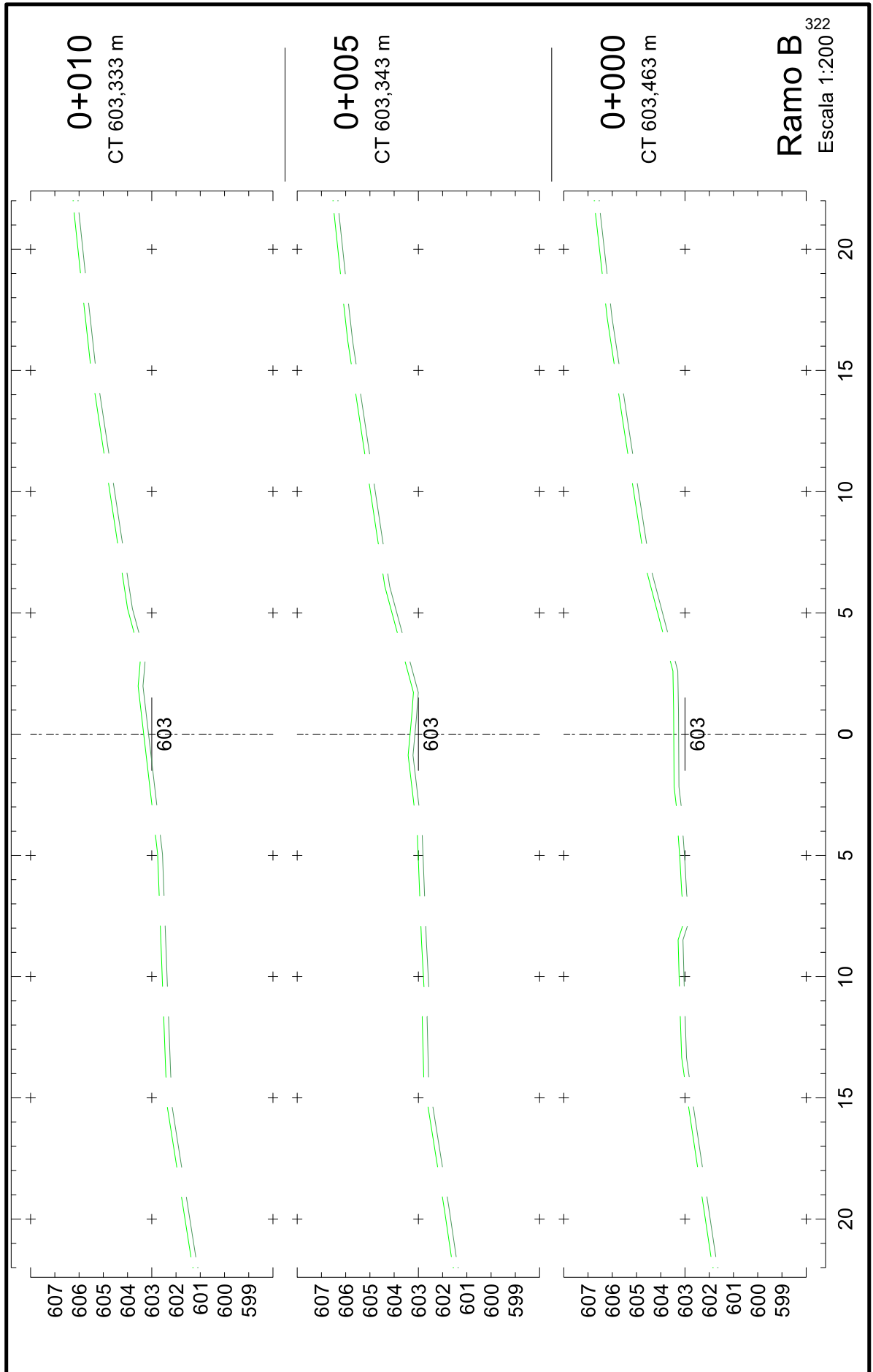




3.2. INTERSEÇÃO 01 – KM 19+450

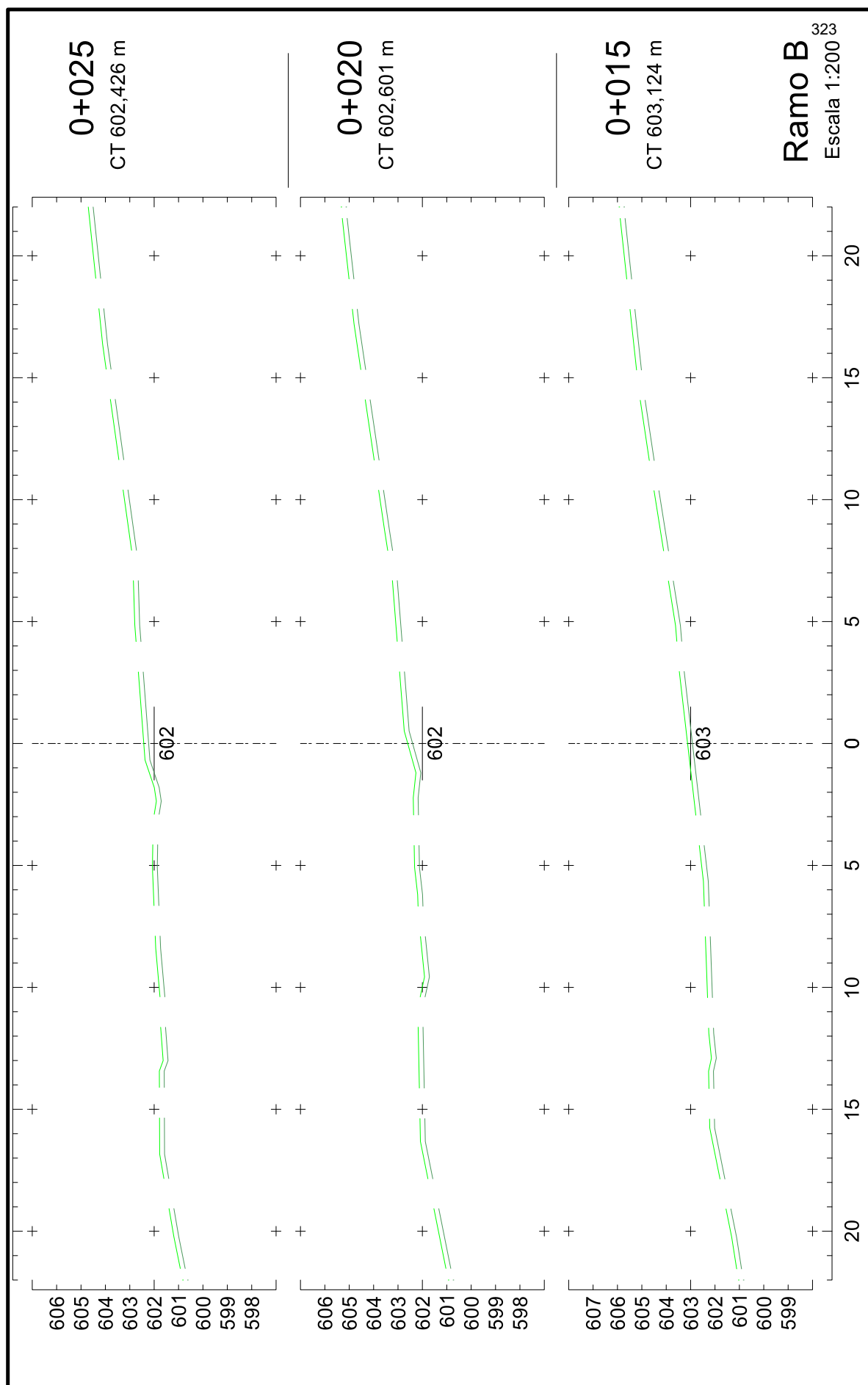


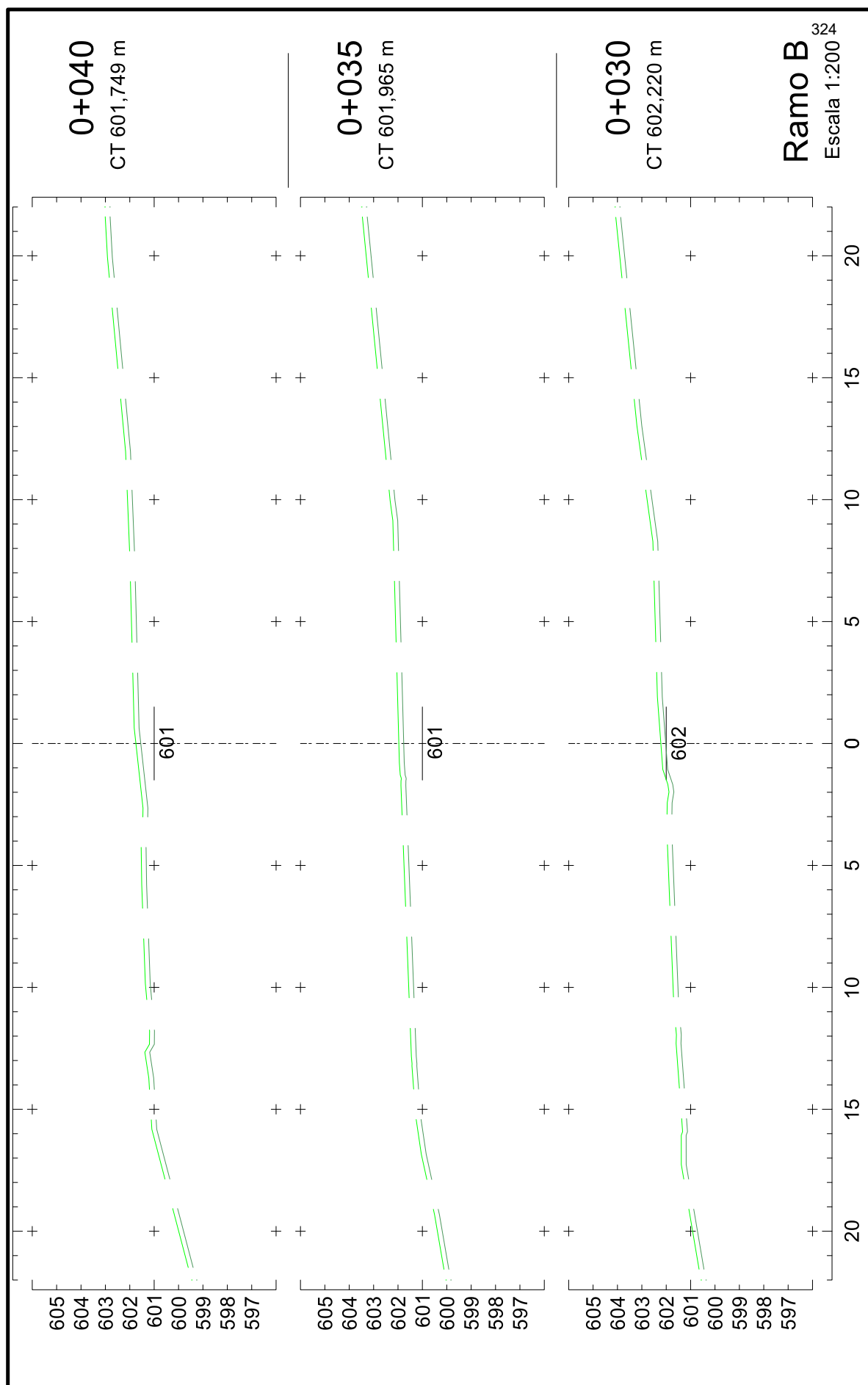
3.2.1. RAMO B

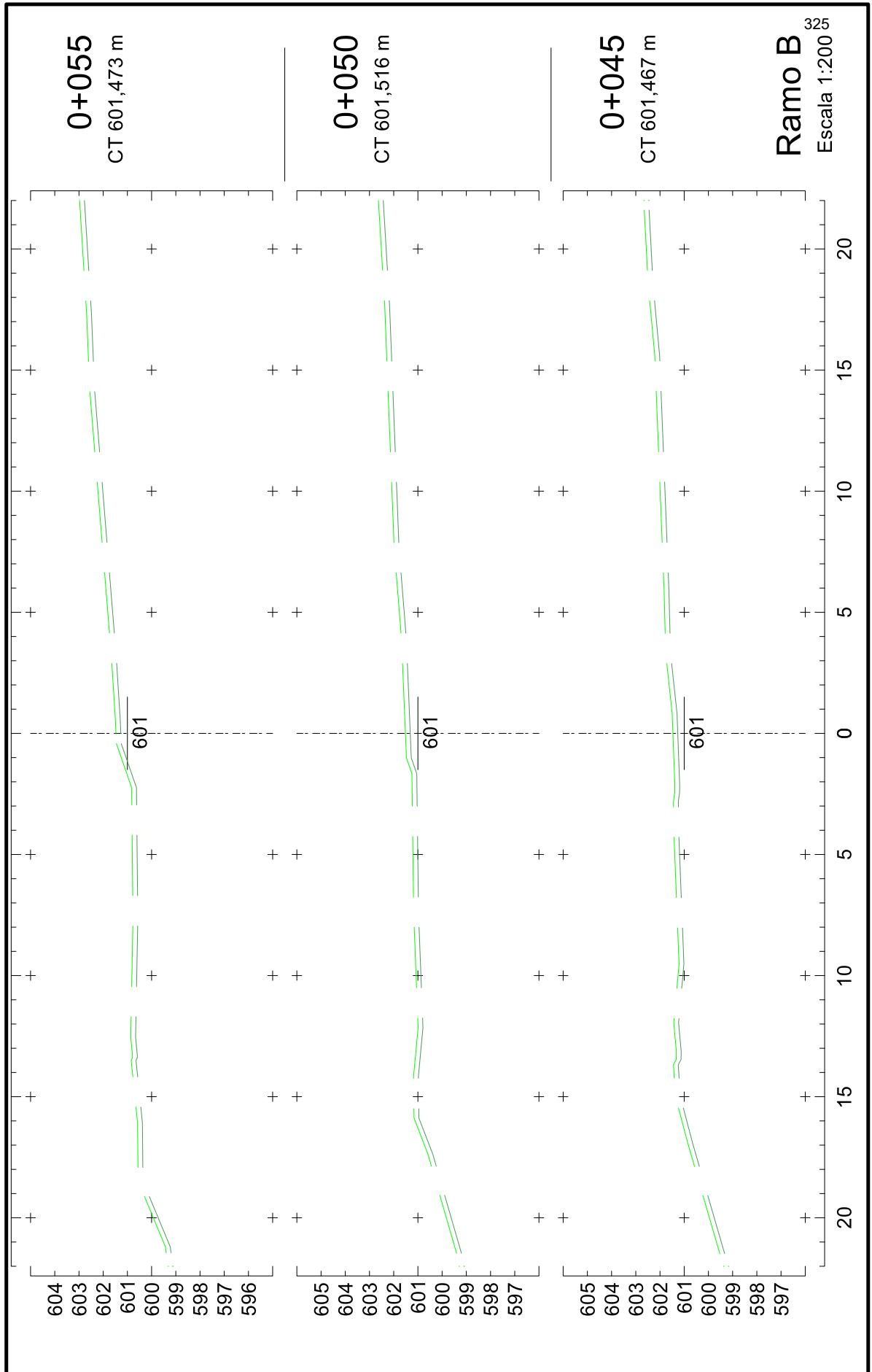




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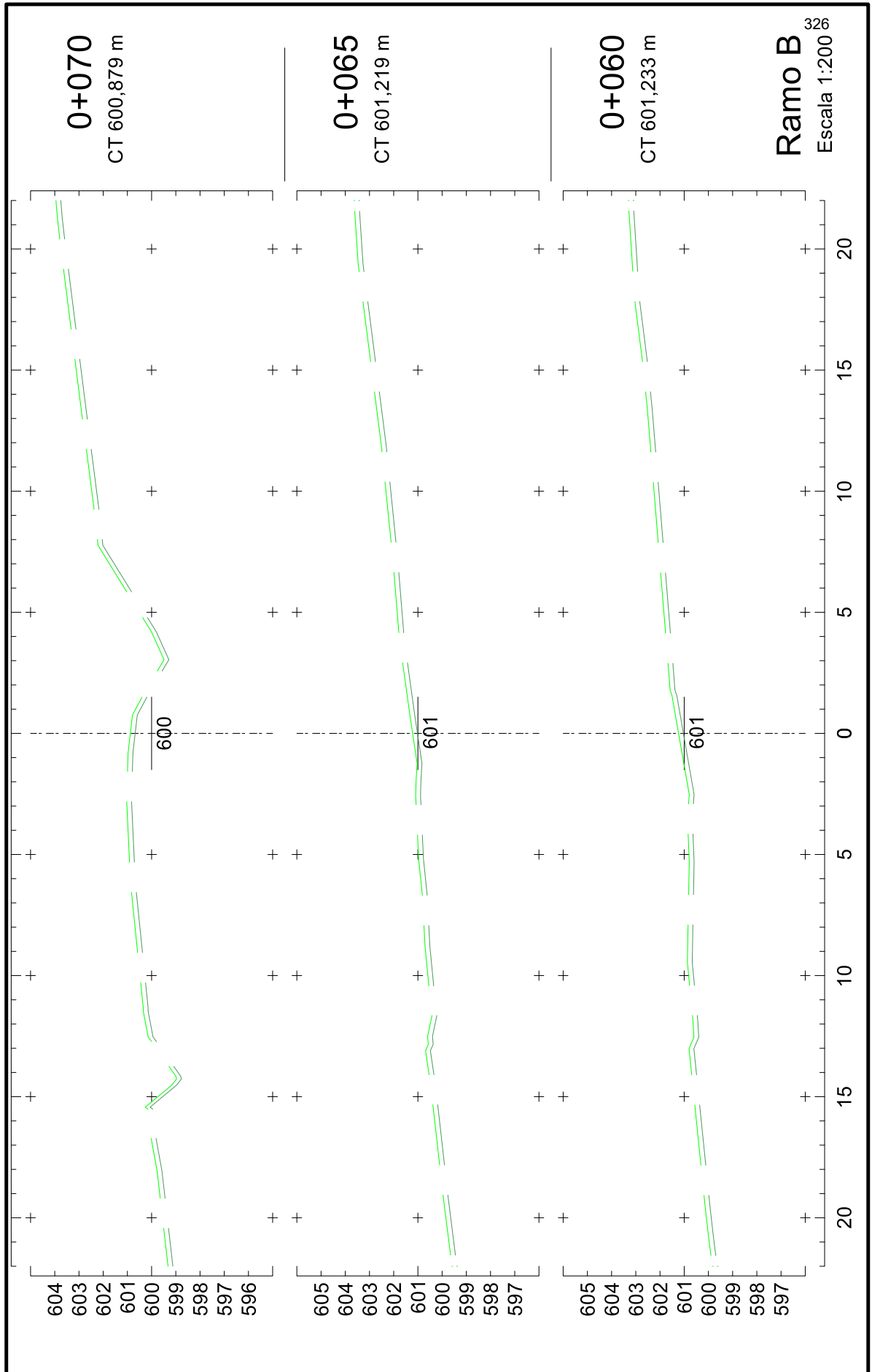






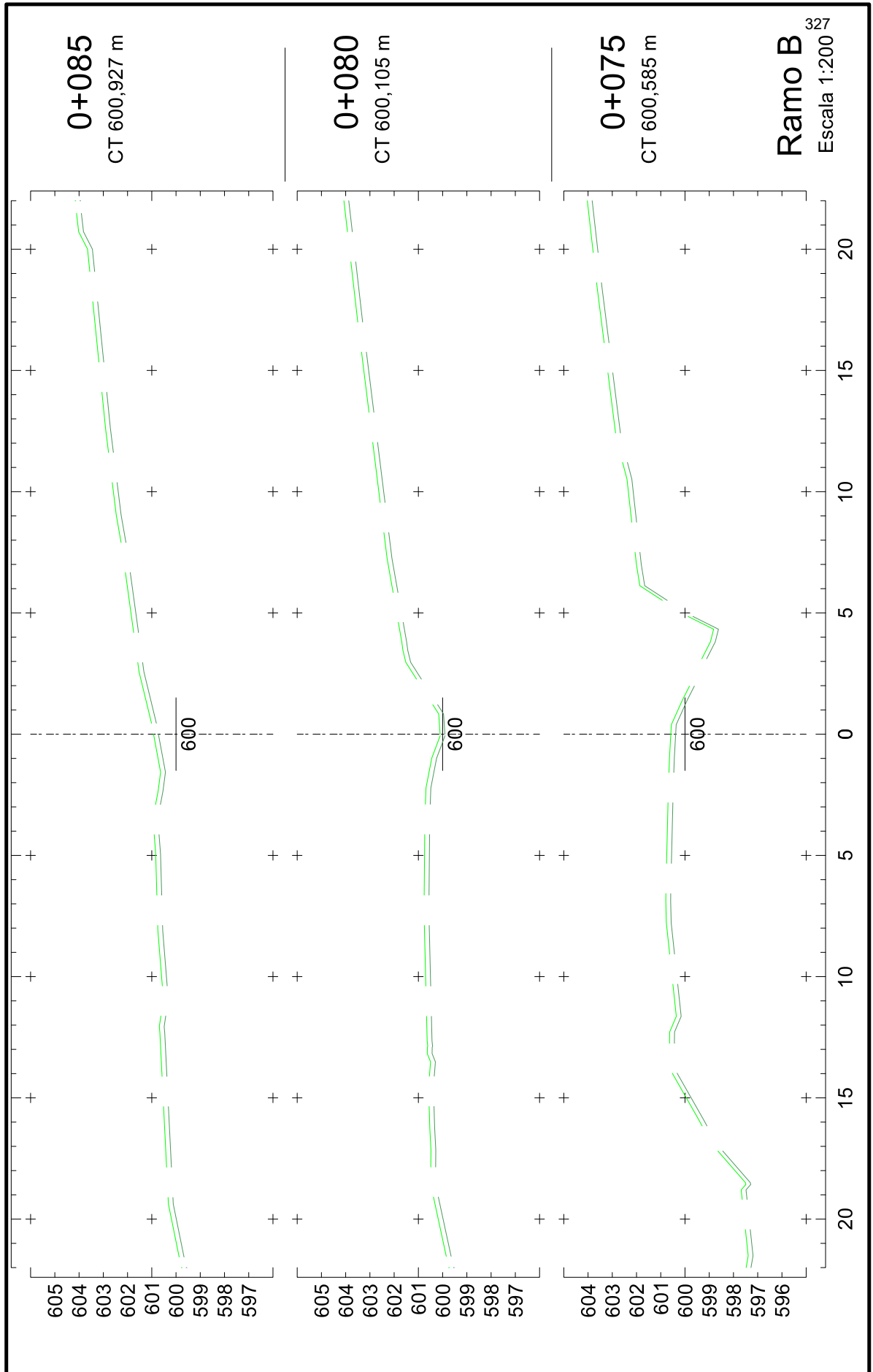


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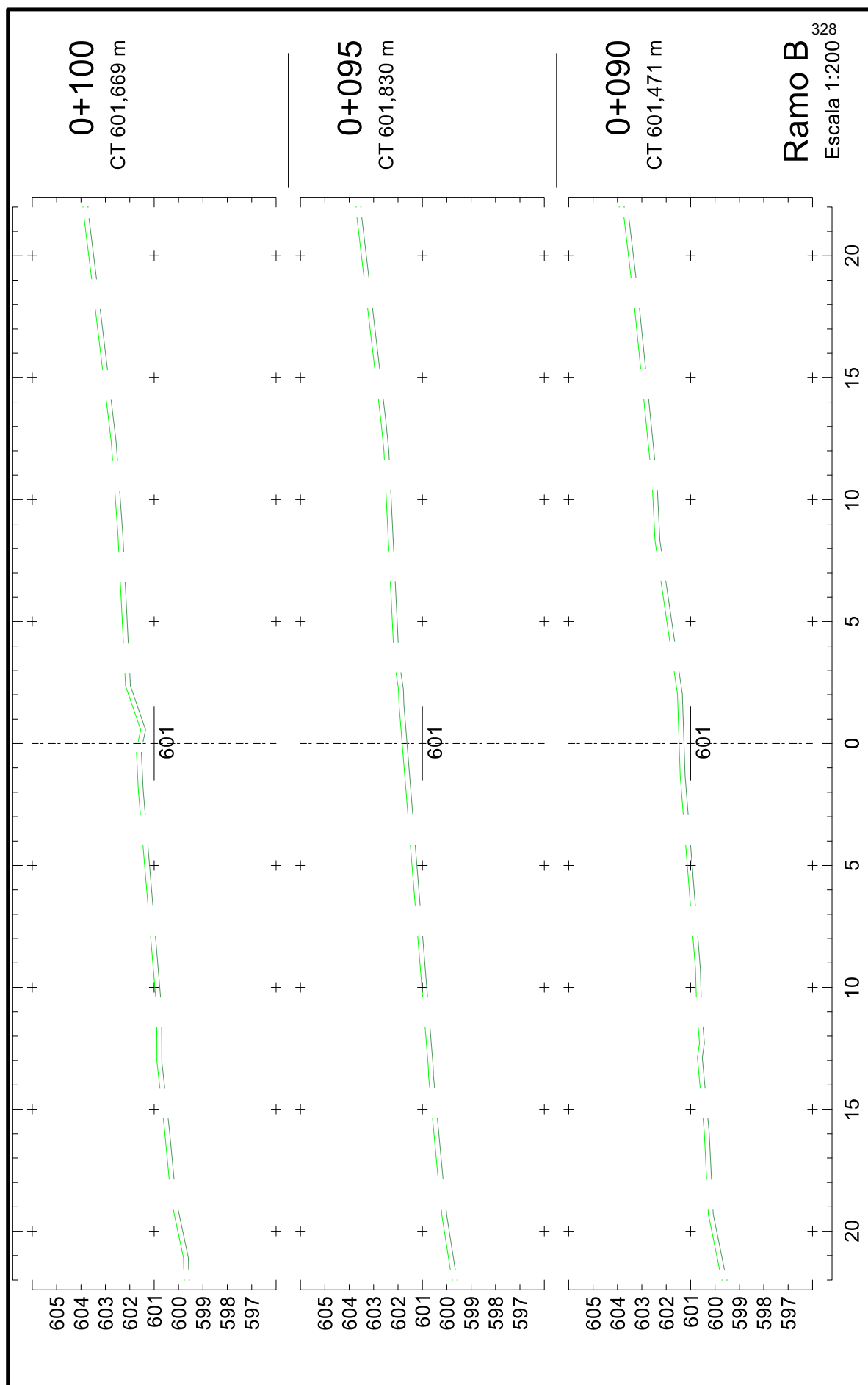


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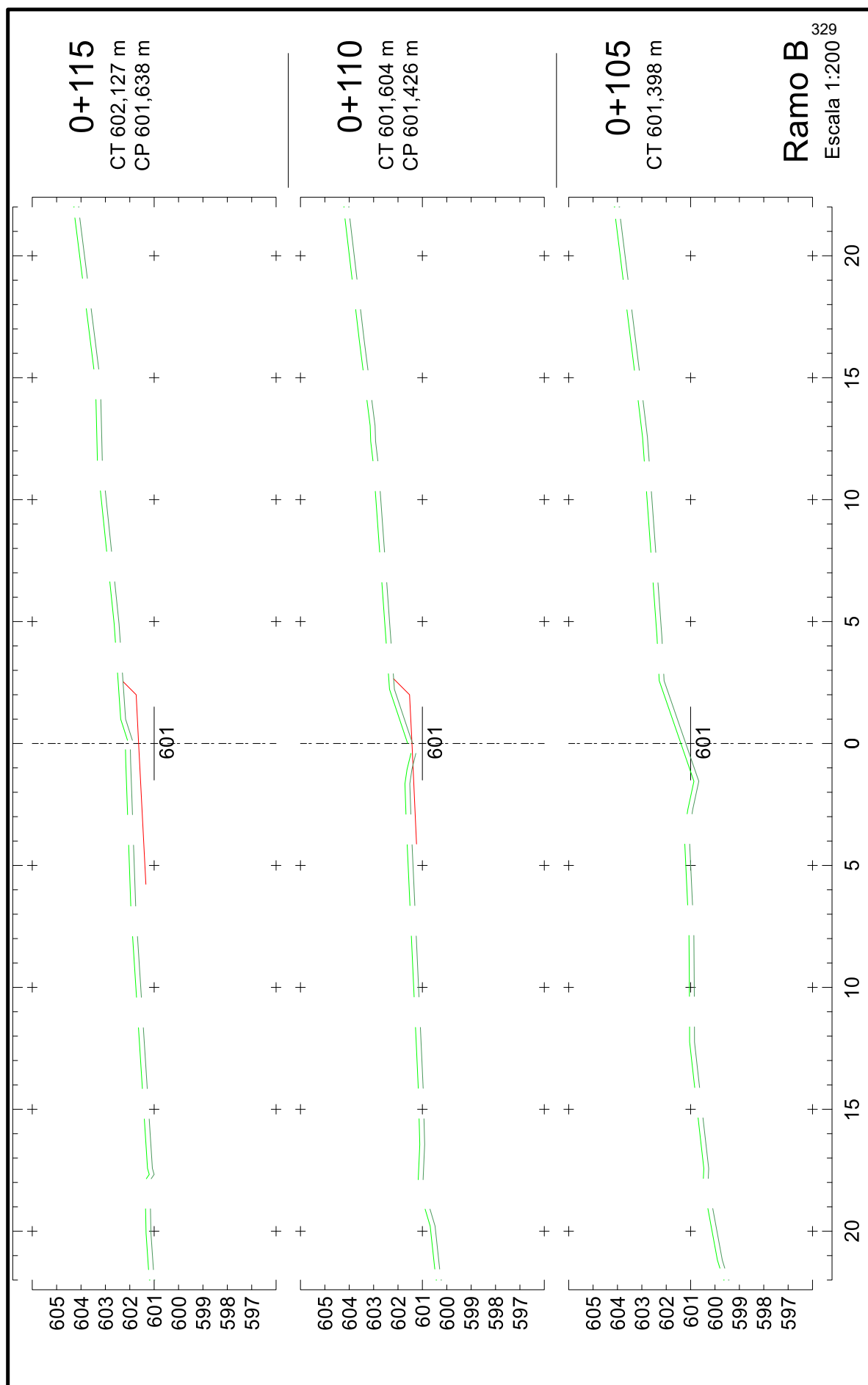


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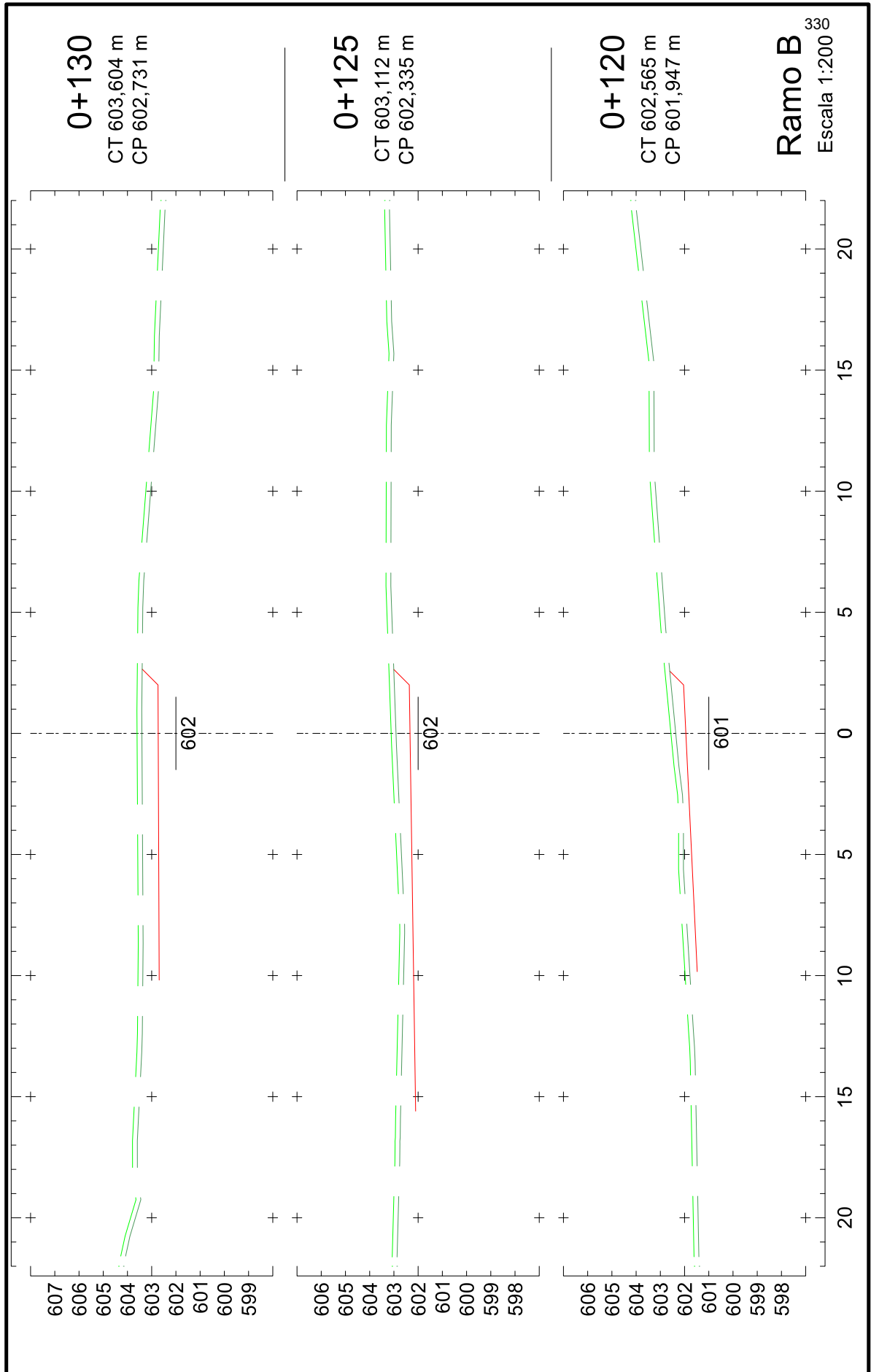


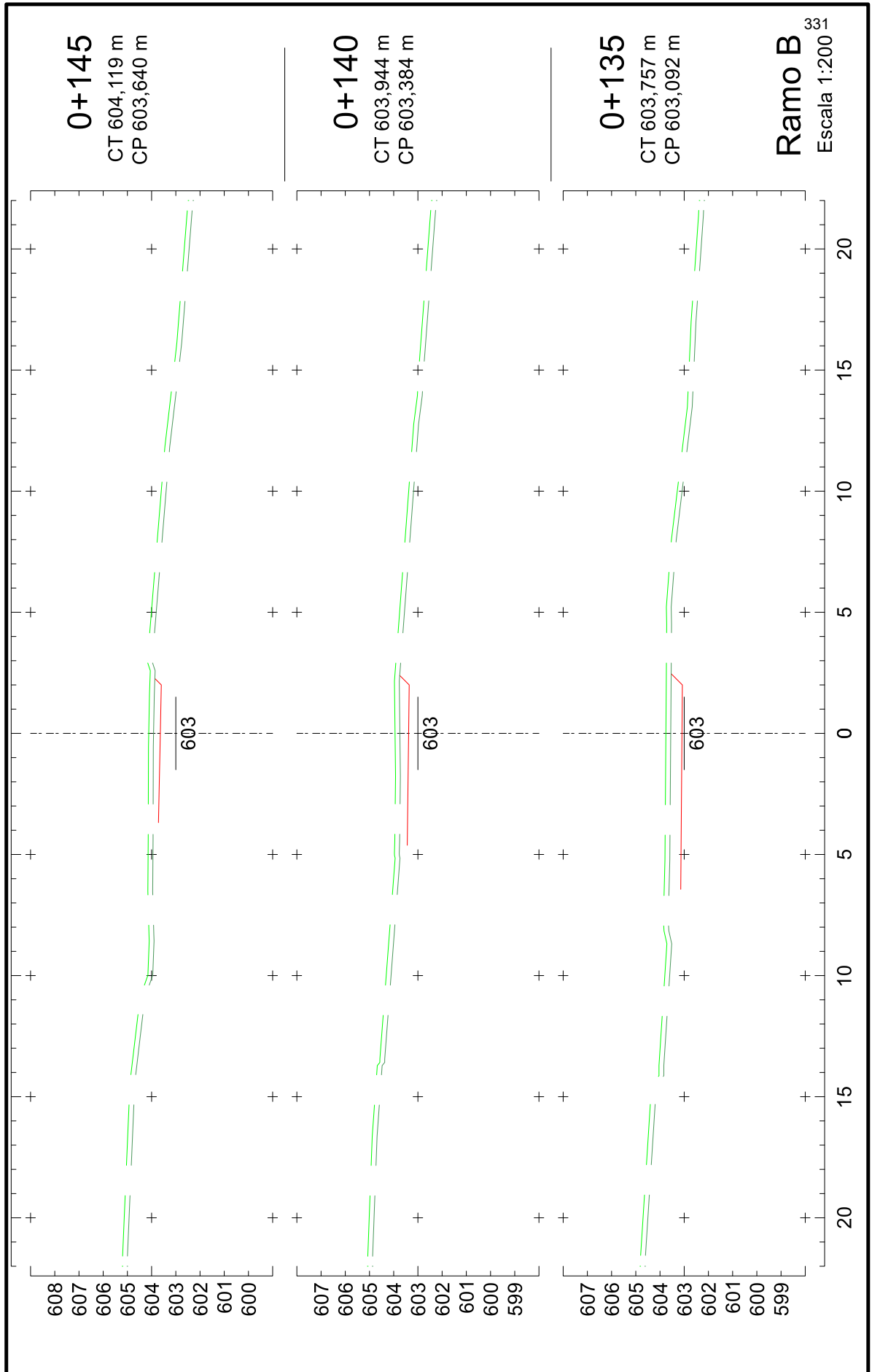
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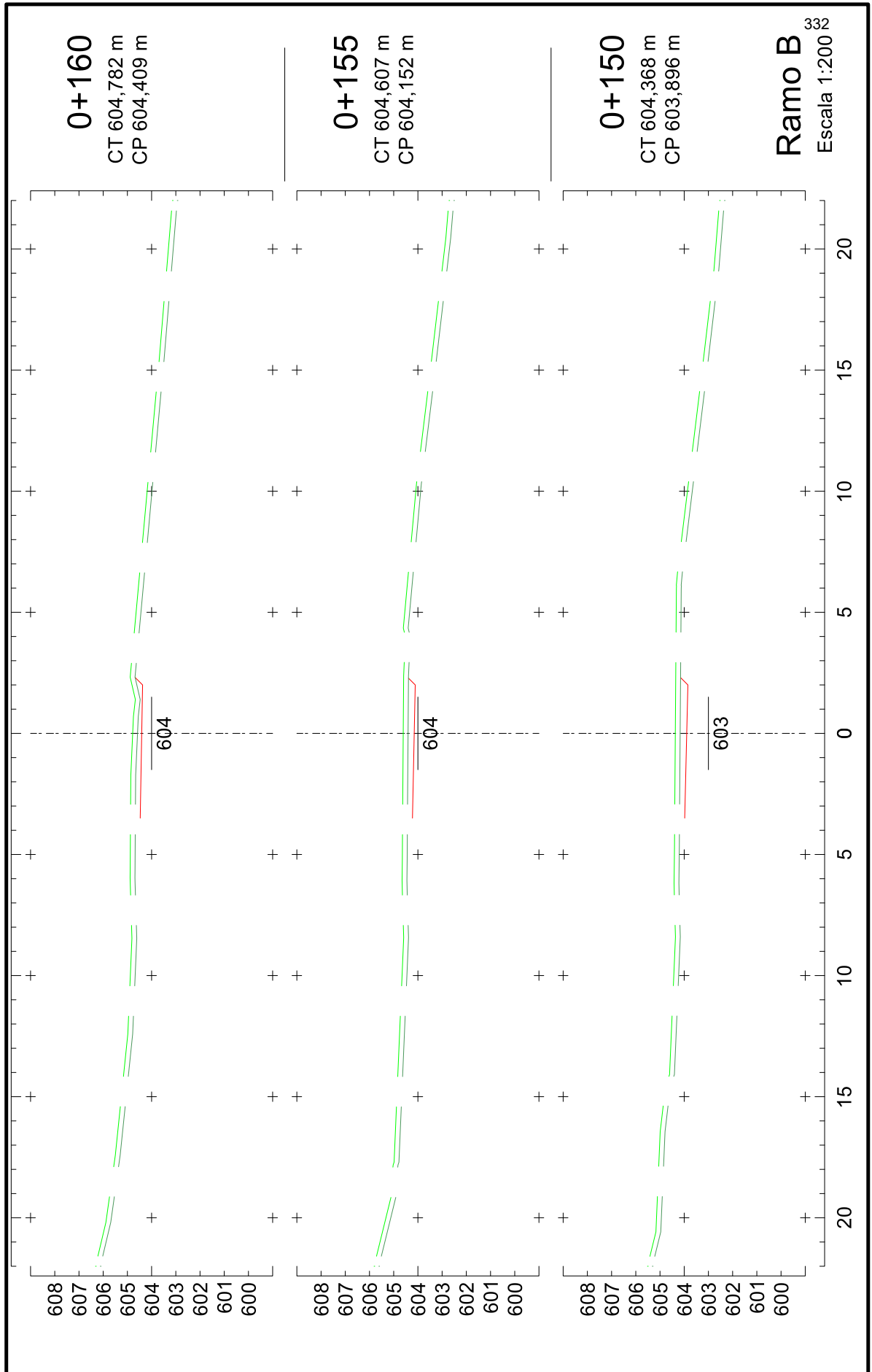




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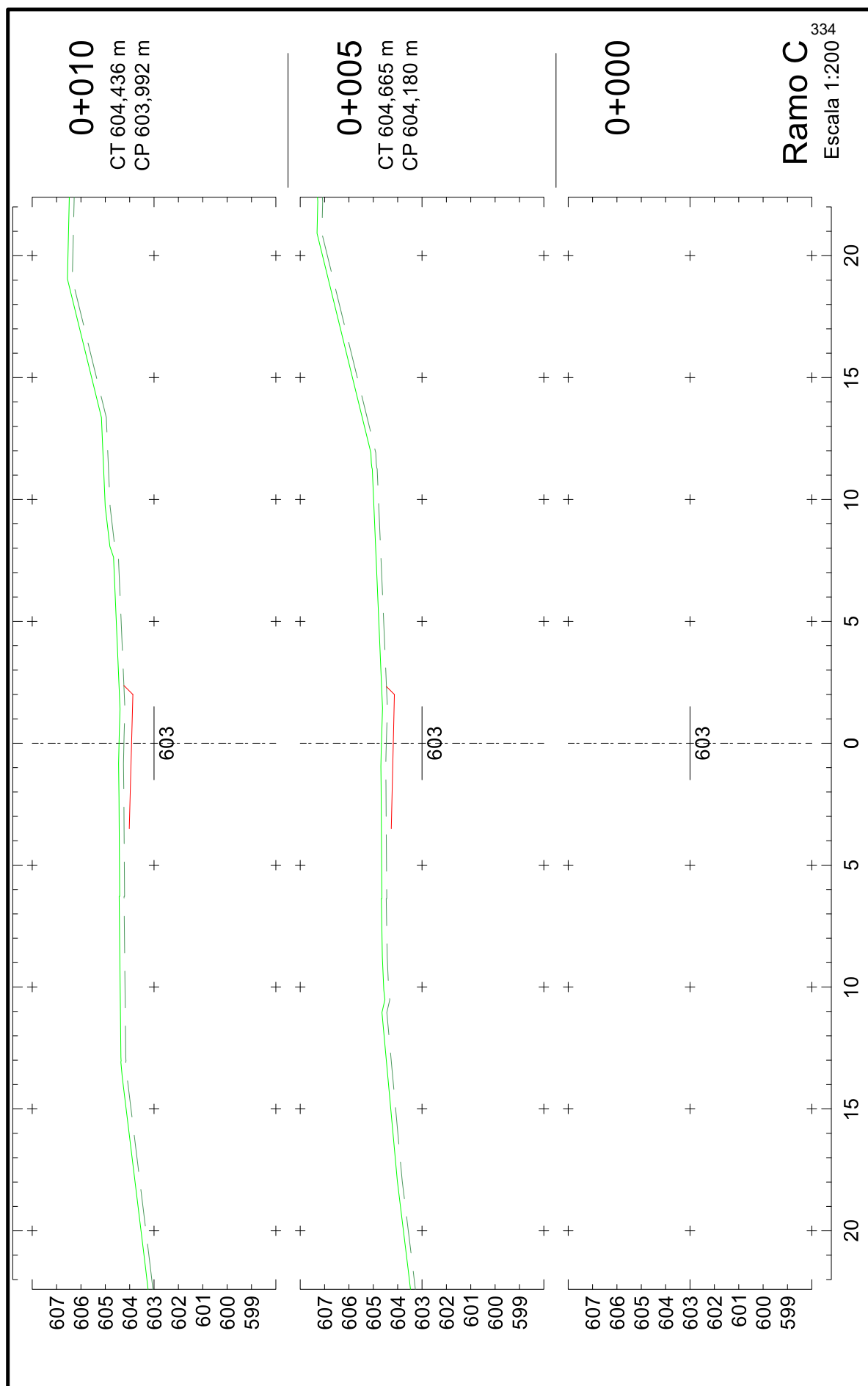


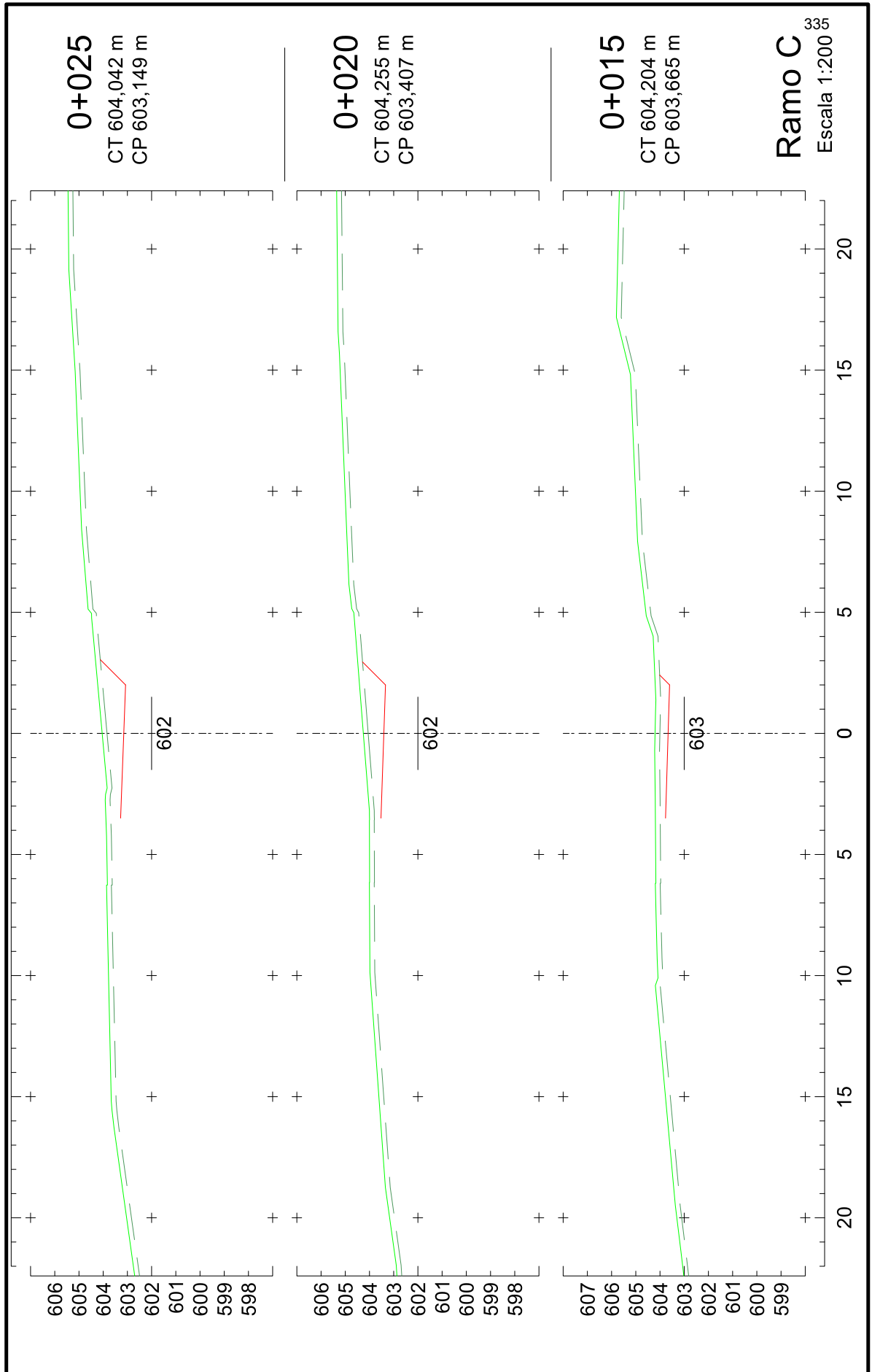


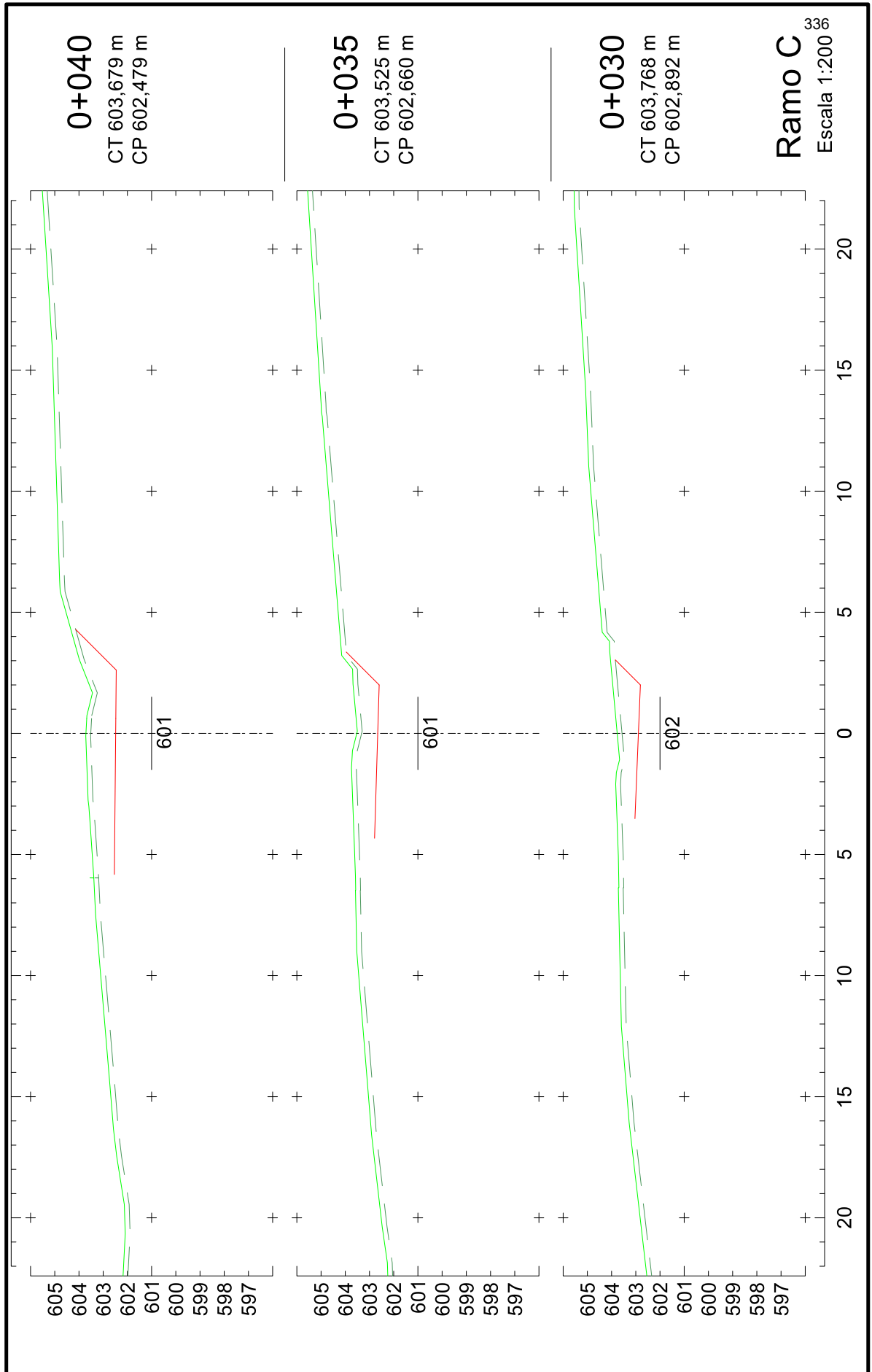


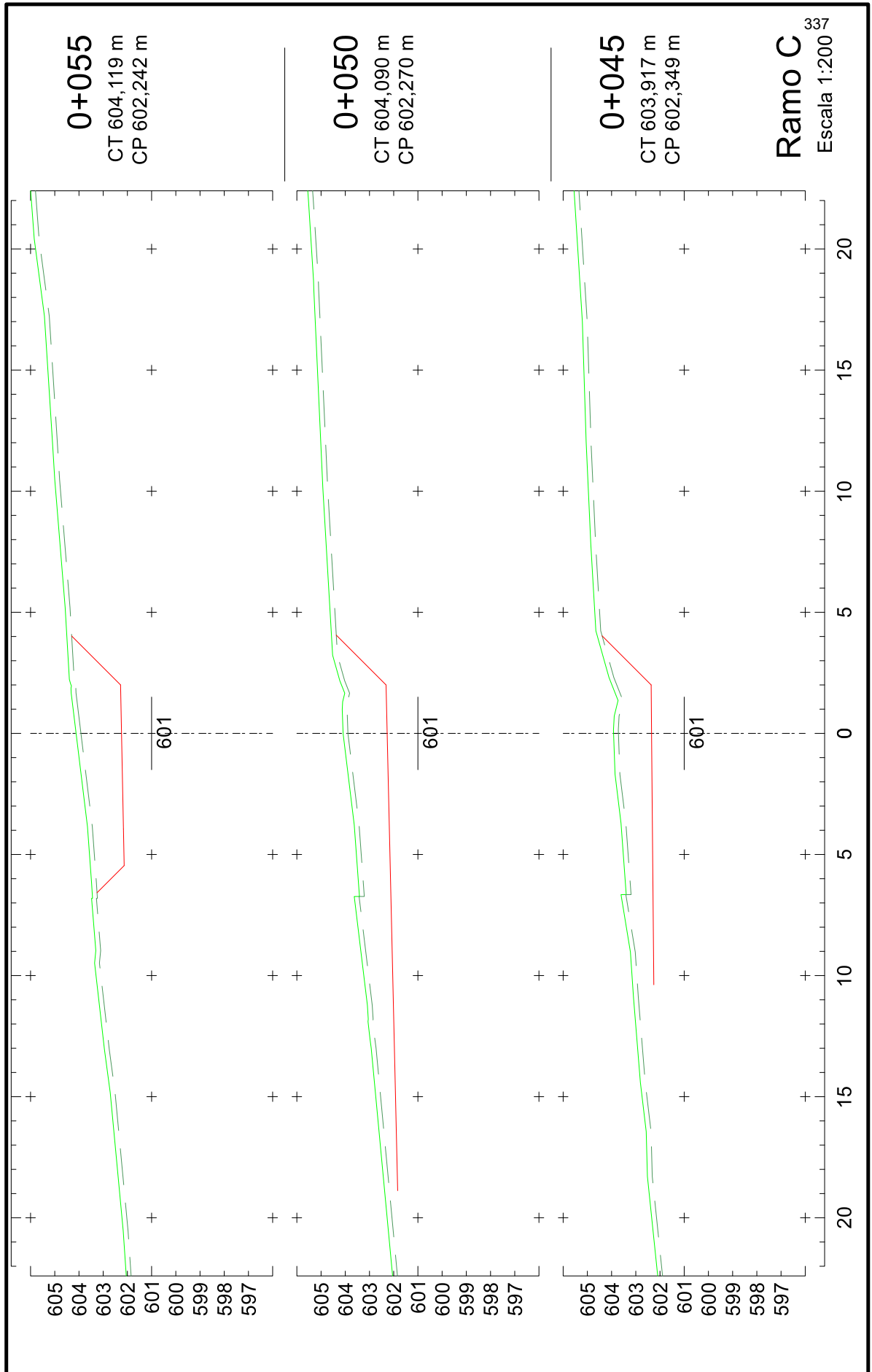


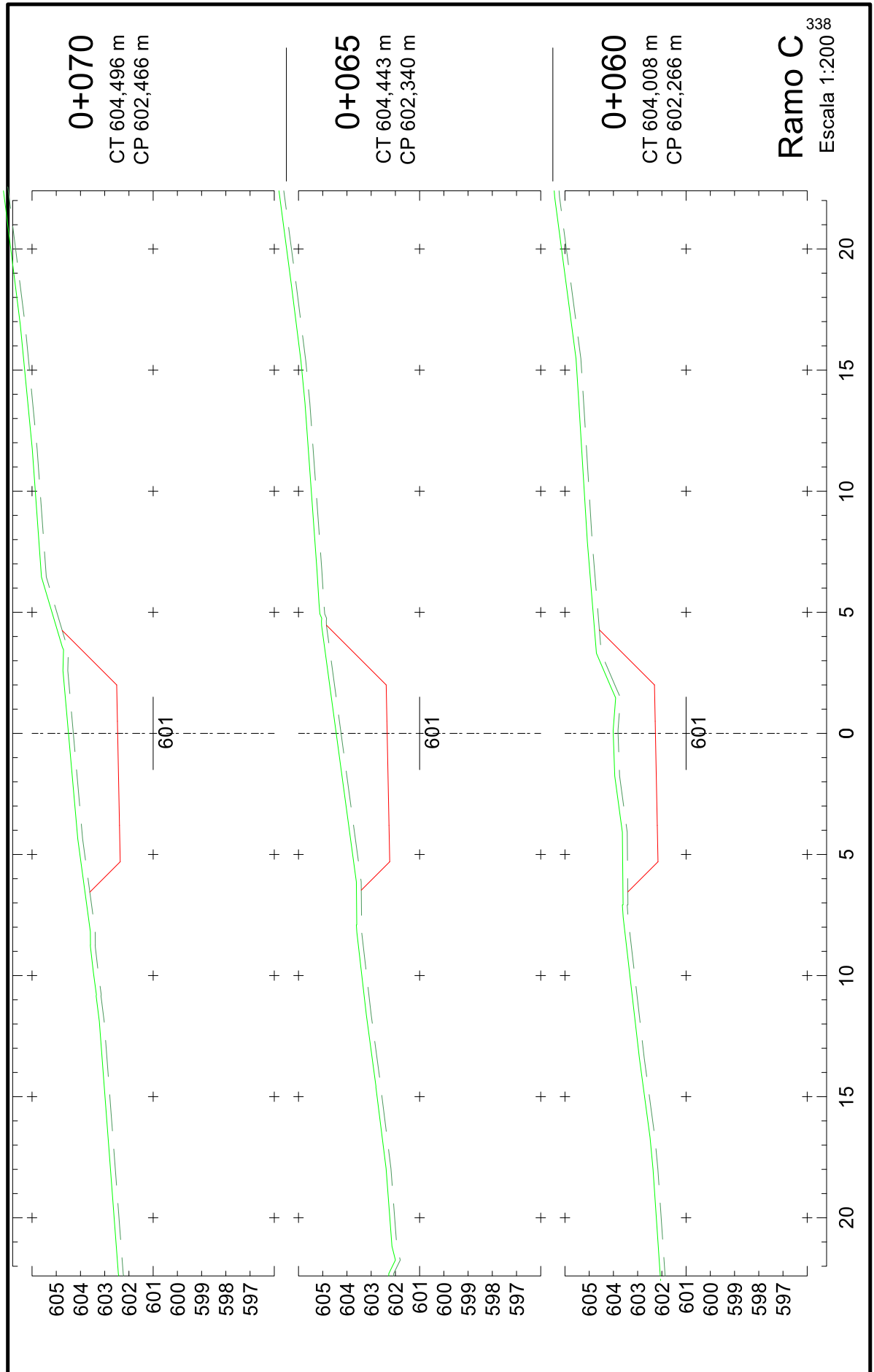
3.2.2. RAMO C





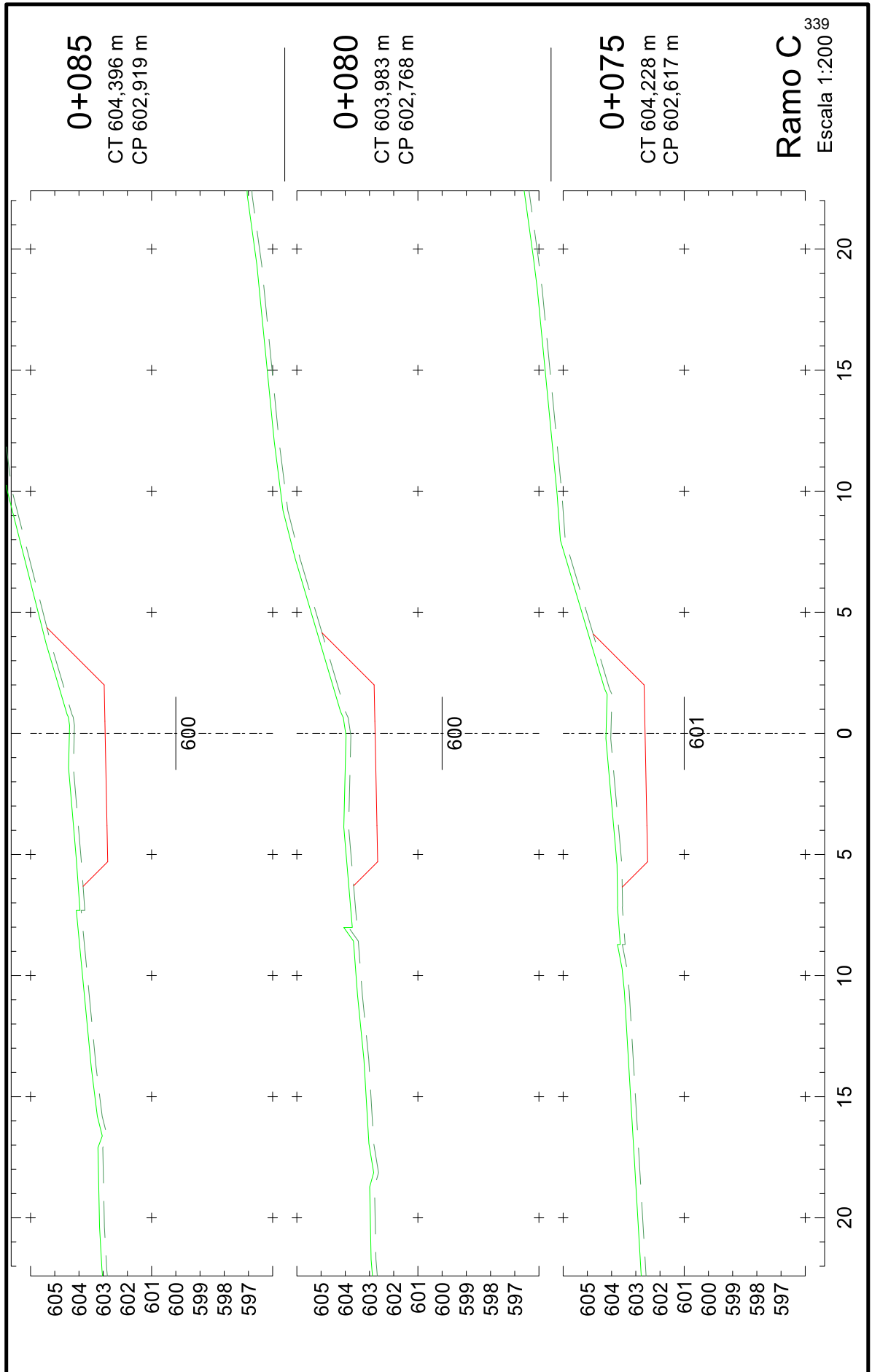








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4. TERMO DE ENCERRAMENTO

ERS-483 – PROJETO FINAL DE ENGENHARIA



4. TERMO DE ENCERRAMENTO

O presente volume, denominado **VOLUME ANEXO 1C – SEÇÕES TRANSVERSAIS**, referente a “Elaboração de Readequação de Projeto Final de Engenharia”, para implantação e pavimentação asfáltica da rodovia ERS-483, trecho Entre Rios do Sul - Cruzaltense, código SRE 483ERS0020, segmento do km 17,20 ao km 35,57, com uma extensão total de 18,37 km, é composto de 341 (trezentos e quarenta e uma) páginas, incluindo esta, numeradas sequencialmente de 1 a 341.

Porto Alegre, 22 de novembro de 2024.

Engº. Marco Aurélio Ramos Caminha
Coordenador Geral



25043500010544



GOVERNO DO ESTADO DO RIO GRANDE DO SUL
SECRETARIA DE LOGÍSTICA E TRANSPORTES
DEPARTAMENTO AUTÔNOMO DE ESTRADAS DE RODAGEM

READEQUAÇÃO DE PROJETO FINAL DE ENGENHARIA

RODOVIA : ERS-483
TRECHO : ENTRE RIOS DO SUL - CRUZALTENSE
SEGMENTO : km 17,20 ao km 35,57
EXTENSÃO : 18,37 km
CÓDIGO SRE : 483 ERS 0020

VOLUME 2 – PROJETO DE EXECUÇÃO
PROJETO FINAL DE ENGENHARIA


BECK DE SOUZA
E N G E N H A R I A
NOVEMBRO/2024



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SUMÁRIO

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1. APRESENTAÇÃO

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