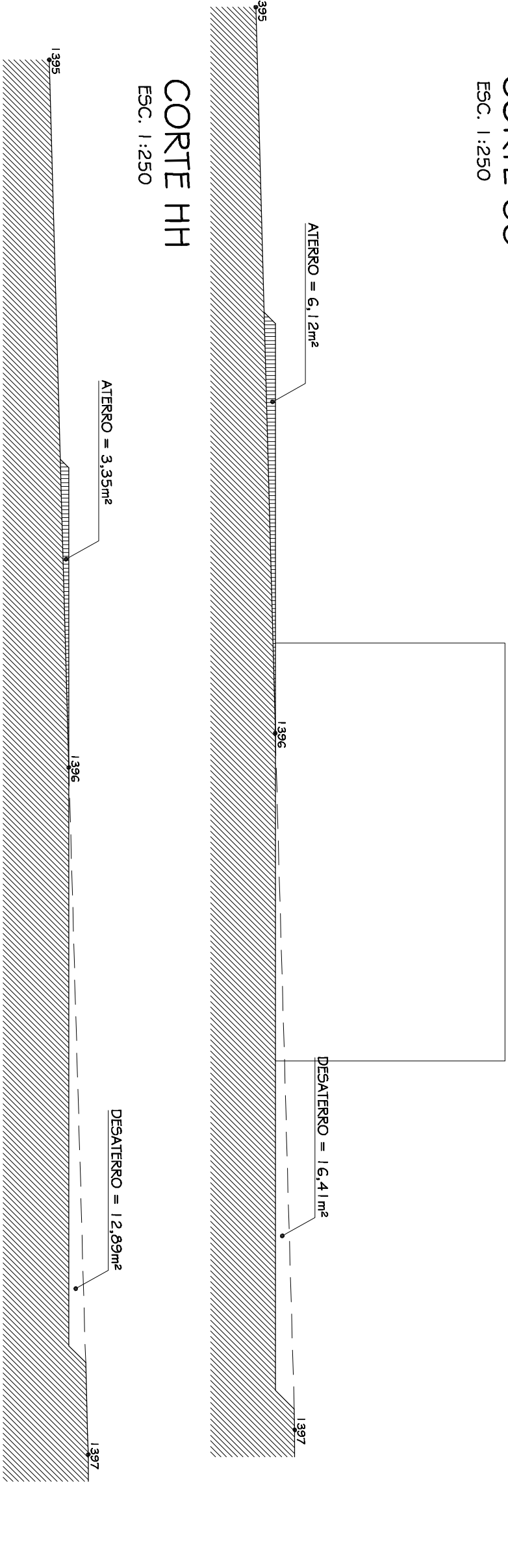
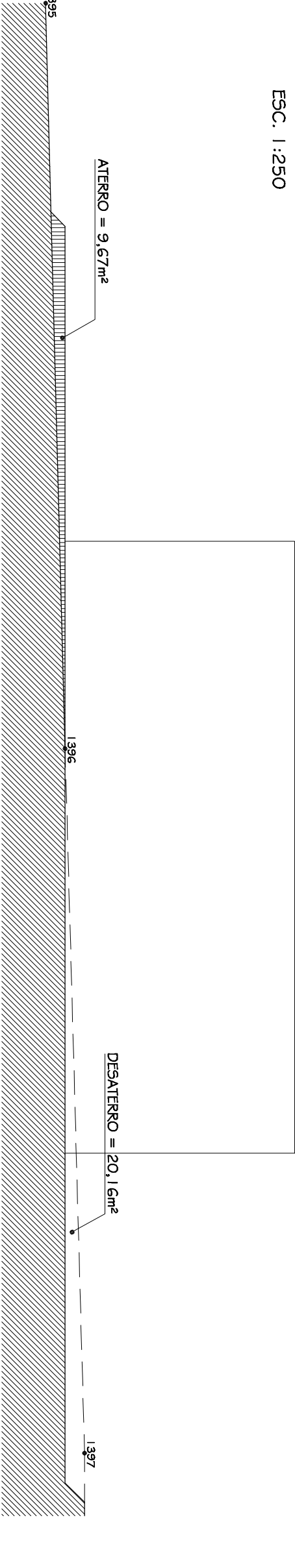
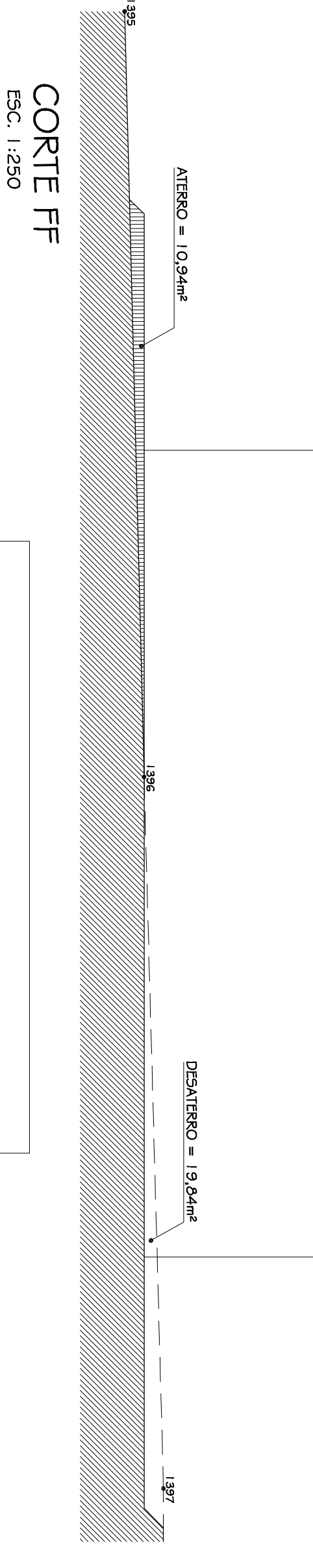
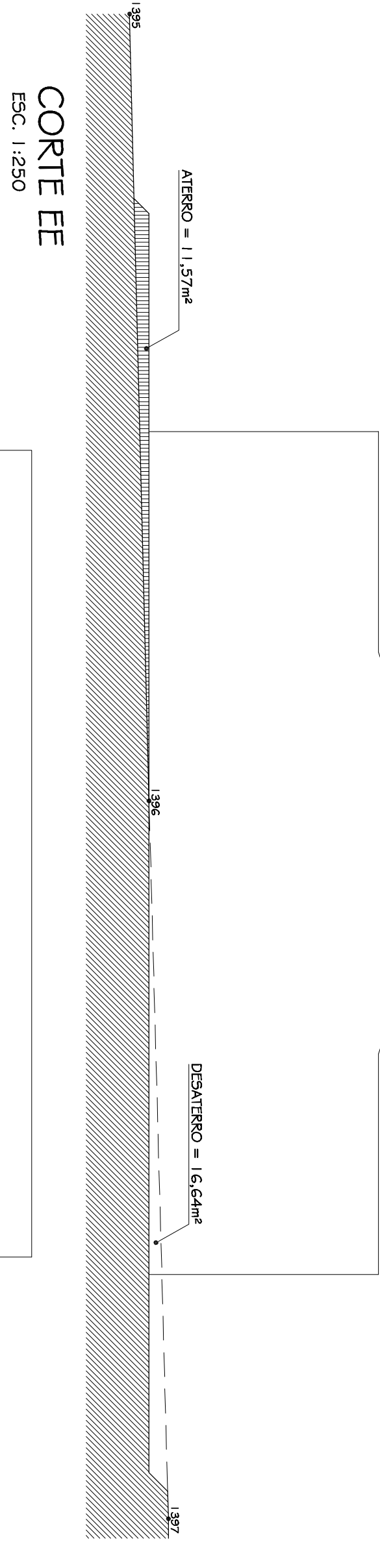
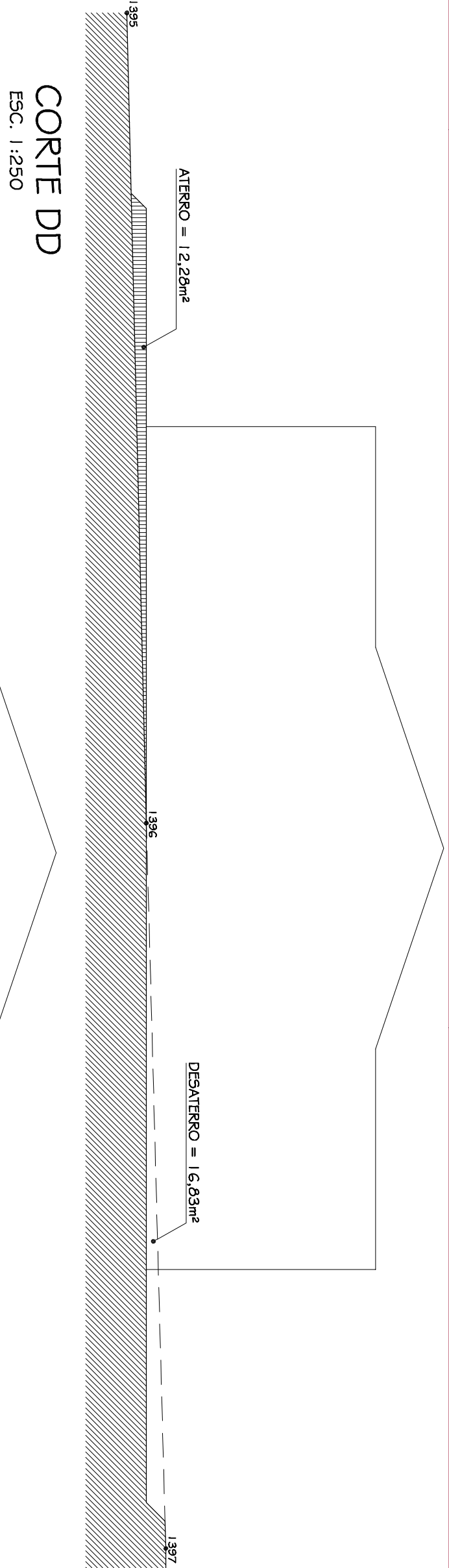
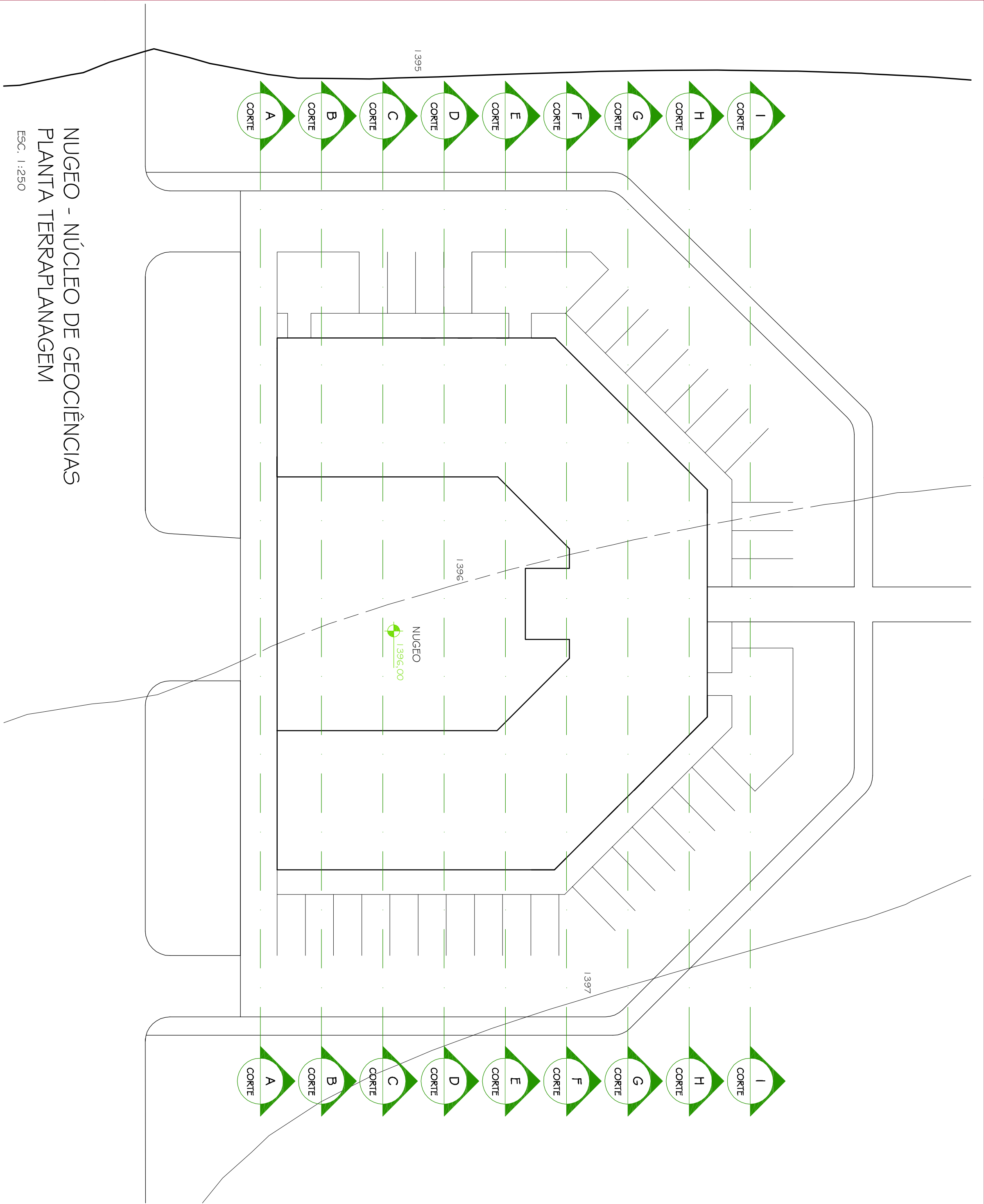


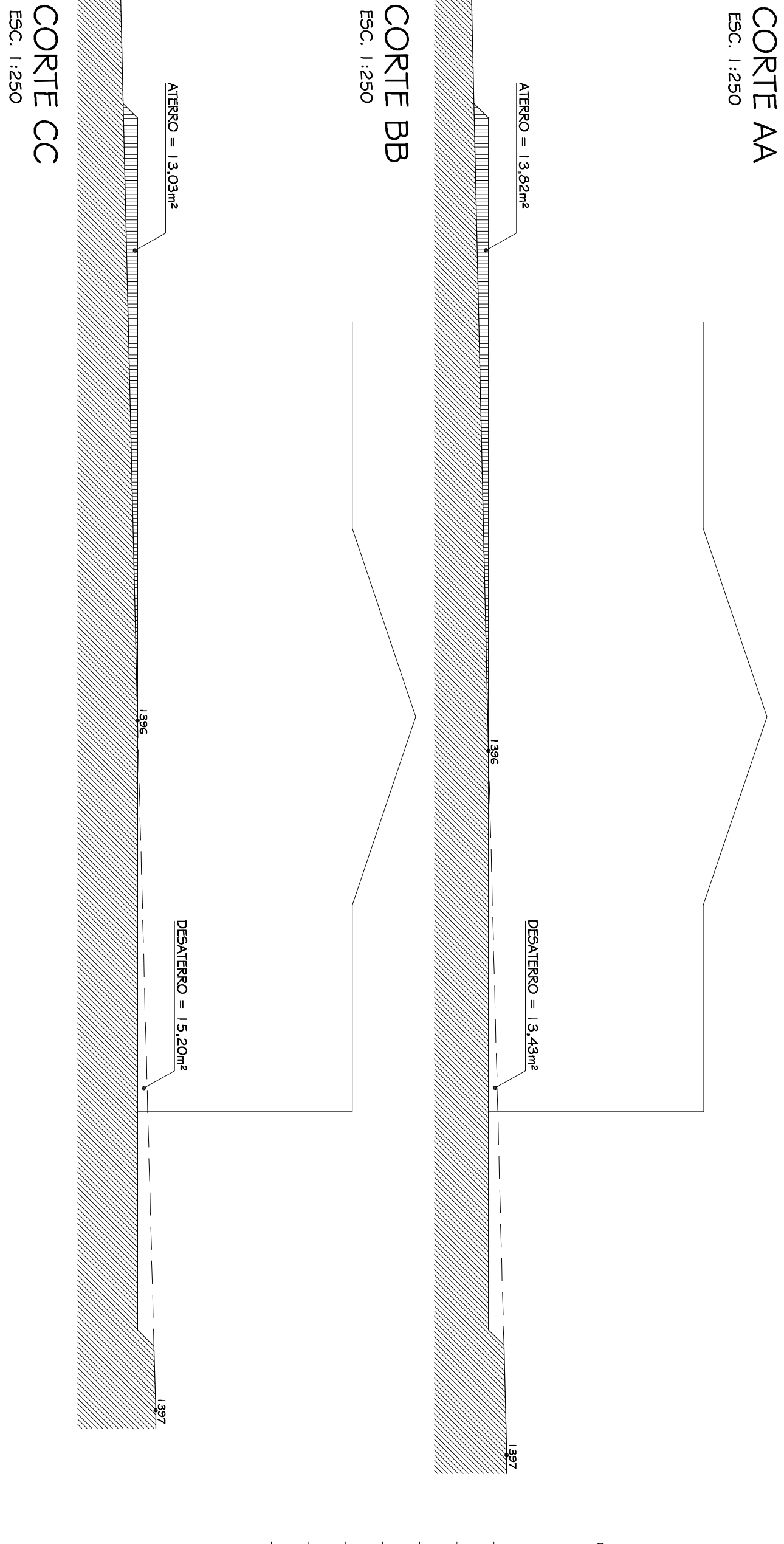
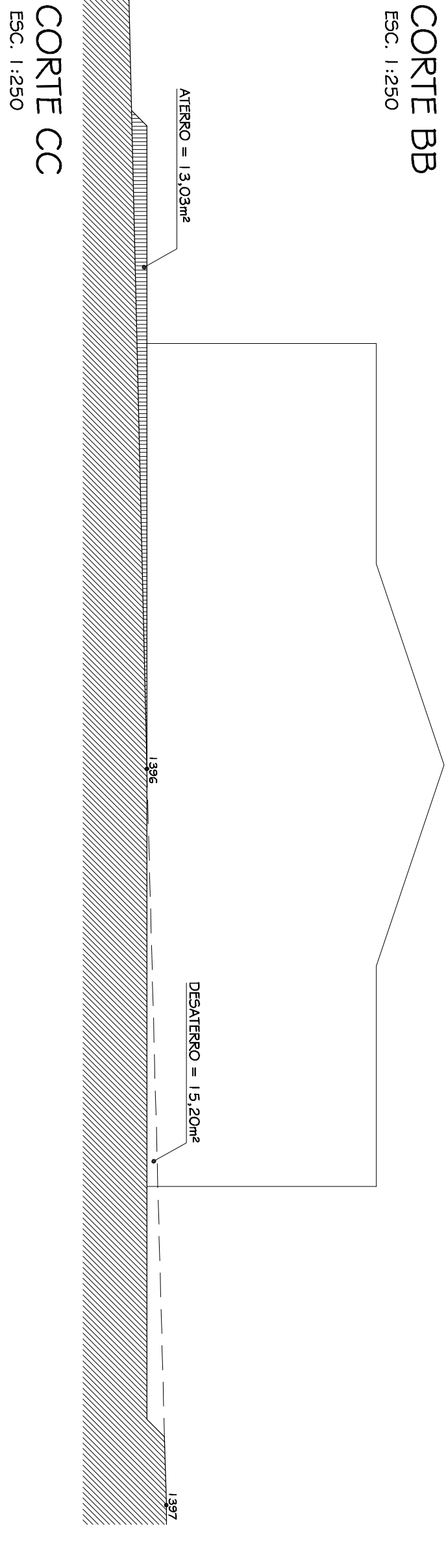


CÁLCULO DE VOLUMETRIA DESATERRO / BOTA-FORA	
AA+BB	(1,33m² + 13,43m²)/2 = 12,30m² x 5m = 61,30m³
BB+CC	(13,43m² + 15,20m²)/2 = 14,31m² x 5m = 71,55m³
CC+DD	(15,20m² + 16,63m²)/2 = 16,01m² x 5m = 80,05m³
DD+EE	(16,63m² + 16,73m²)/2 = 16,73m² x 5m = 83,65m³
EE+FF	(16,64m² + 19,64m²)/2 = 18,24m² x 5m = 91,20m³
FF+GG	(19,64m² + 20,16m²)/2 = 20,00m² x 5m = 100,00m³
GG+HH	(20,16m² + 16,41m²)/2 = 18,28m² x 5m = 91,40m³
HH+II	(16,41m² + 12,63m²)/2 = 14,55m² x 5m = 72,75m³
TOTAL = 653,00m³	

CÁLCULO DE VOLUMETRIA ATERRO	
AA+BB	(15,30m² + 13,62m²)/2 = 14,56m² x 5m = 72,80m³
BB+CC	(13,62m² + 13,03m²)/2 = 13,42m² x 5m = 67,10m³
CC+DD	(13,03m² + 12,24m²)/2 = 12,65m² x 5m = 63,25m³
DD+EE	(12,24m² + 11,57m²)/2 = 11,92m² x 5m = 59,60m³
EE+FF	(11,57m² + 10,94m²)/2 = 11,25m² x 5m = 56,25m³
FF+GG	(10,94m² + 9,67m²)/2 = 10,30m² x 5m = 51,50m³
GG+HH	(9,67m² + 6,12m²)/2 = 7,89m² x 5m = 39,45m³
HH+II	(6,12m² + 3,35m²)/2 = 4,73m² x 5m = 23,65m³
TOTAL = 433,60m³	

DESATERRO - ATERRO = TOTAL BOTA-FORA
653,00m³ - 433,60m³ = 219,40m³

DESATERRO (BOTA-FORA) x EMPOLAMENTO = TOTAL
219,40m³ x 1,3 = 285,22m³
285,22m³ / 7m³ = 41 CAMINHOS DE TERRA
285,22m³ / 12m³ = 24 CAMINHOS DE TERRA



OBSERVAÇÕES	
CONFERIR MEDIDAS NA OBRA	
FASE	
PROJETO ARQUITETÔNICO EXECUTIVO	
NÚCLEO - NÚCLEO DE GEOCIÊNCIAS	
CAMPUS DIAMANTINA	
RODOVIA MG 367, KM 953, Nº 5000 - ALTO DA JACUBA - DIAMANTINAMG	
PROJETADO: UNIVERSIDADE FEDERAL DOS VALES DO JACUITHONIA E MUCURI	
TÍTULO	
TERRAPIANAGEM	
AUTOR PROJETO ARQUITETÔNICO / R.T.	
SEBASTIÃO DE OLIVEIRA LOPES	
DETAHAMENTO:	
TRCC - TOMAZ RIGOTTO ENGENHARIA E CONSTRUÇÕES LTDA	
VERSÃO:	
VERSÃO 1	
ARQUIVO: UFVJM_NUGEO_ARQEX_V01_F22_ROI	
FOLHA	
22/25	