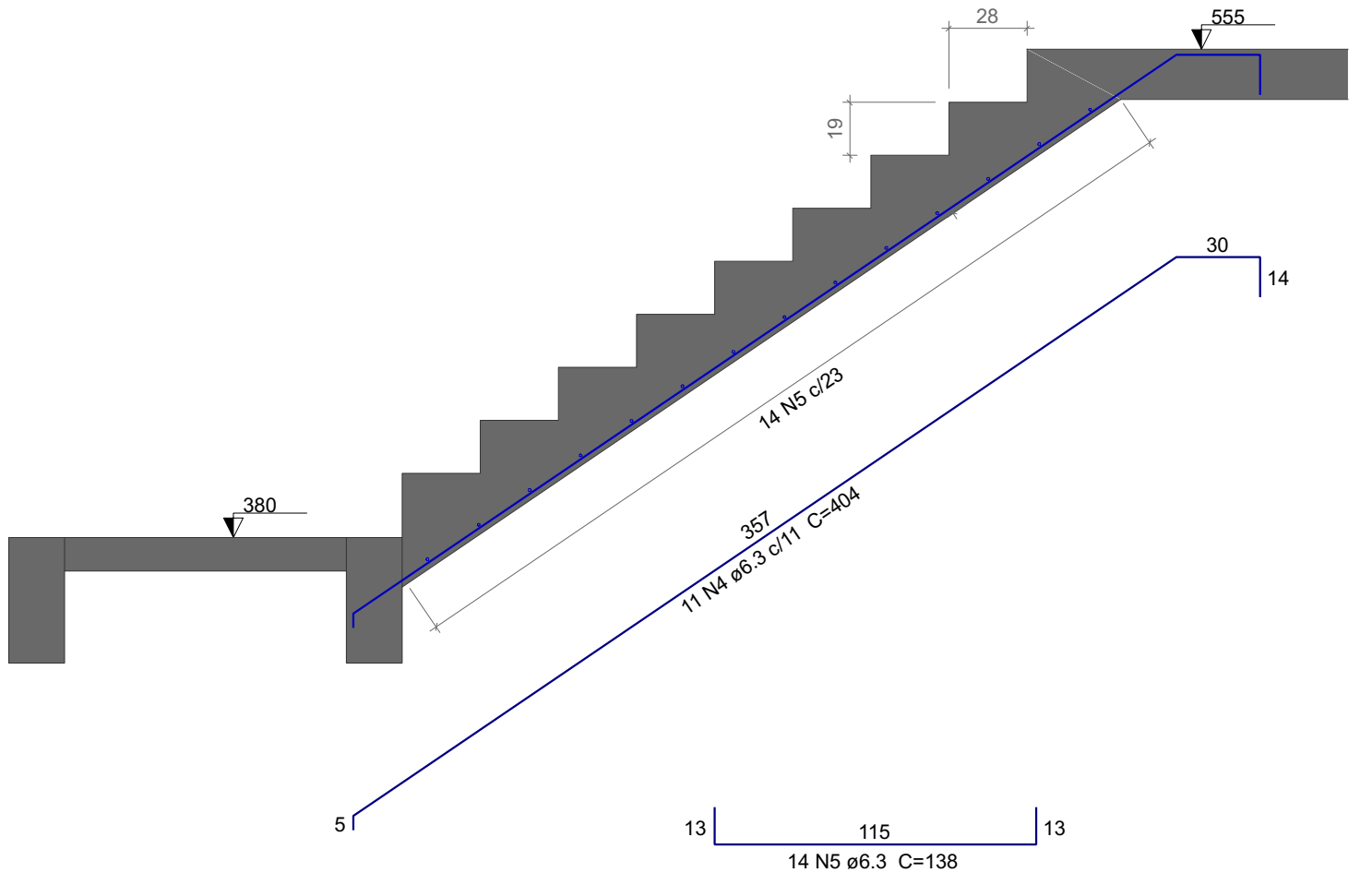
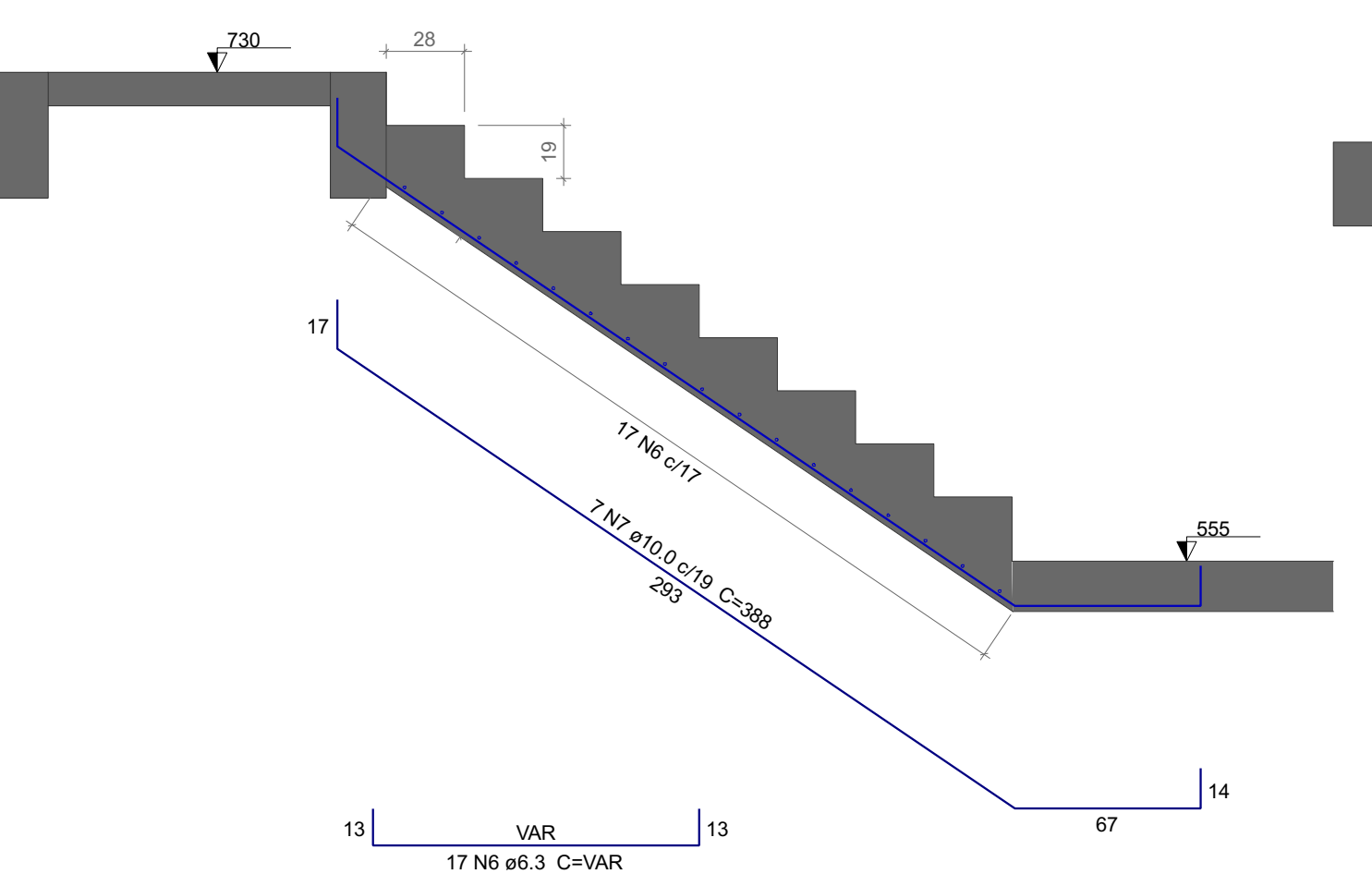


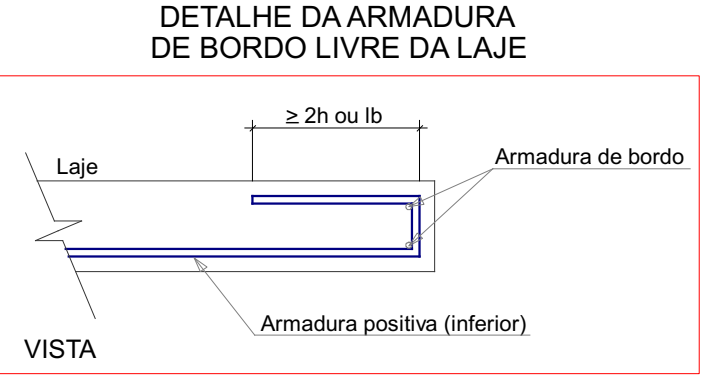
Armação positiva da escada E1  
ESC 1:25



Corte A-A (LE1)  
ESC 1:25



Corte B-B (LE3)  
ESC 1:25



Relação do aço					
LE1					
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	6.3	15	143	2145
	2	6.3	7	330	2310
	3	6.3	4	131	524
	4	6.3	11	404	4444
	5	6.3	14	138	1932
	6	6.3	17	VAR	VAR
	7	10.0	7	388	2716

Resumo do aço			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	137.4	37
	10.0	27.2	18.4
PESO TOTAL (kg)			
CA50	55.4		

Volume de concreto (C-30) = 2.25 m³

Área de forma = 18.59 m²