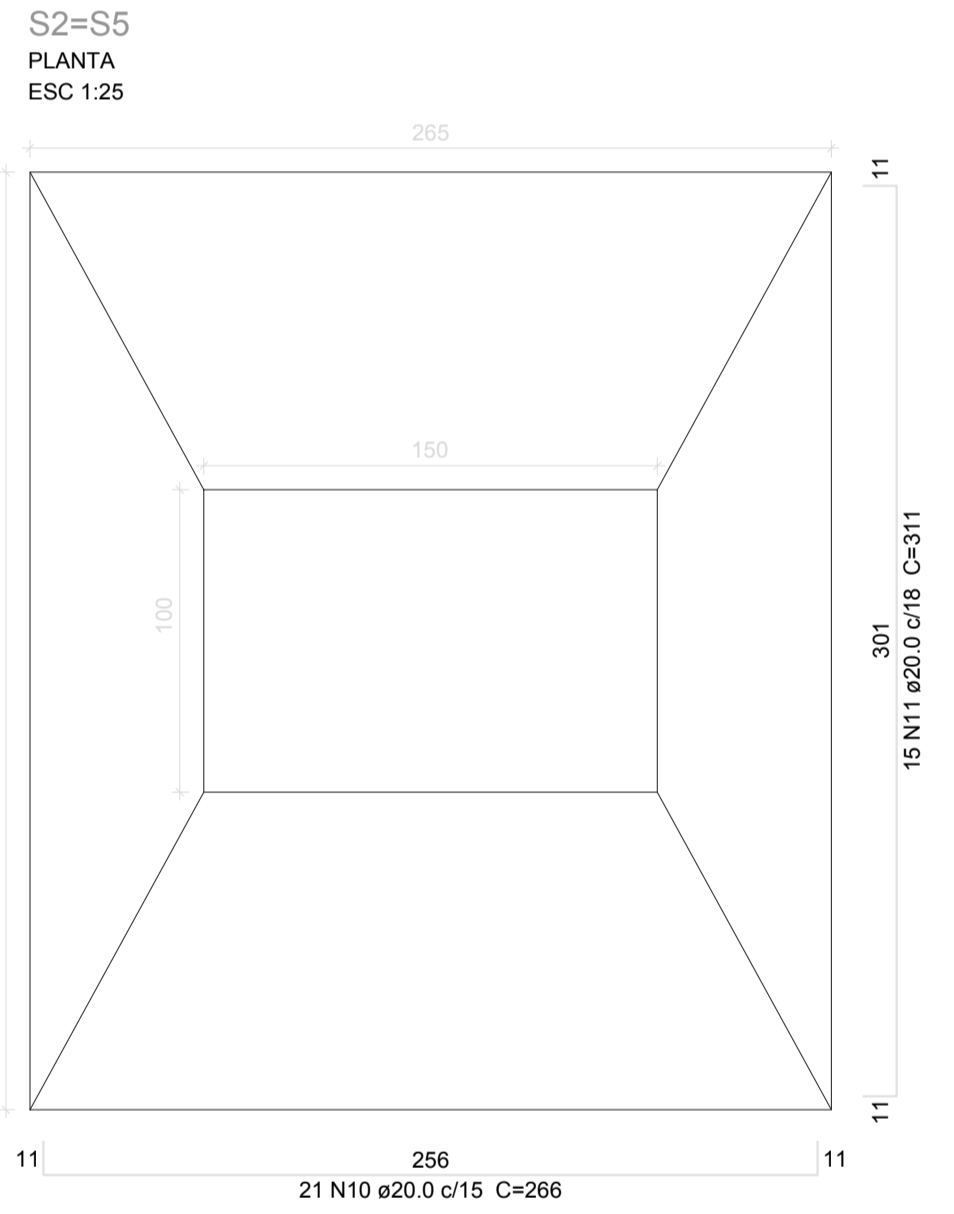
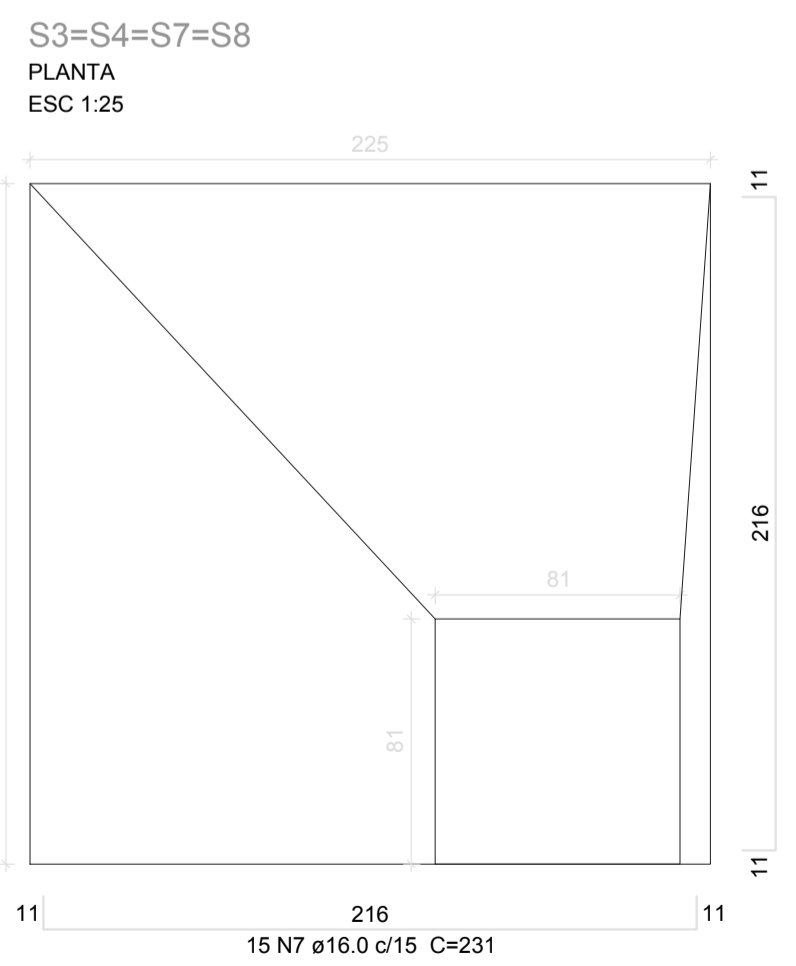


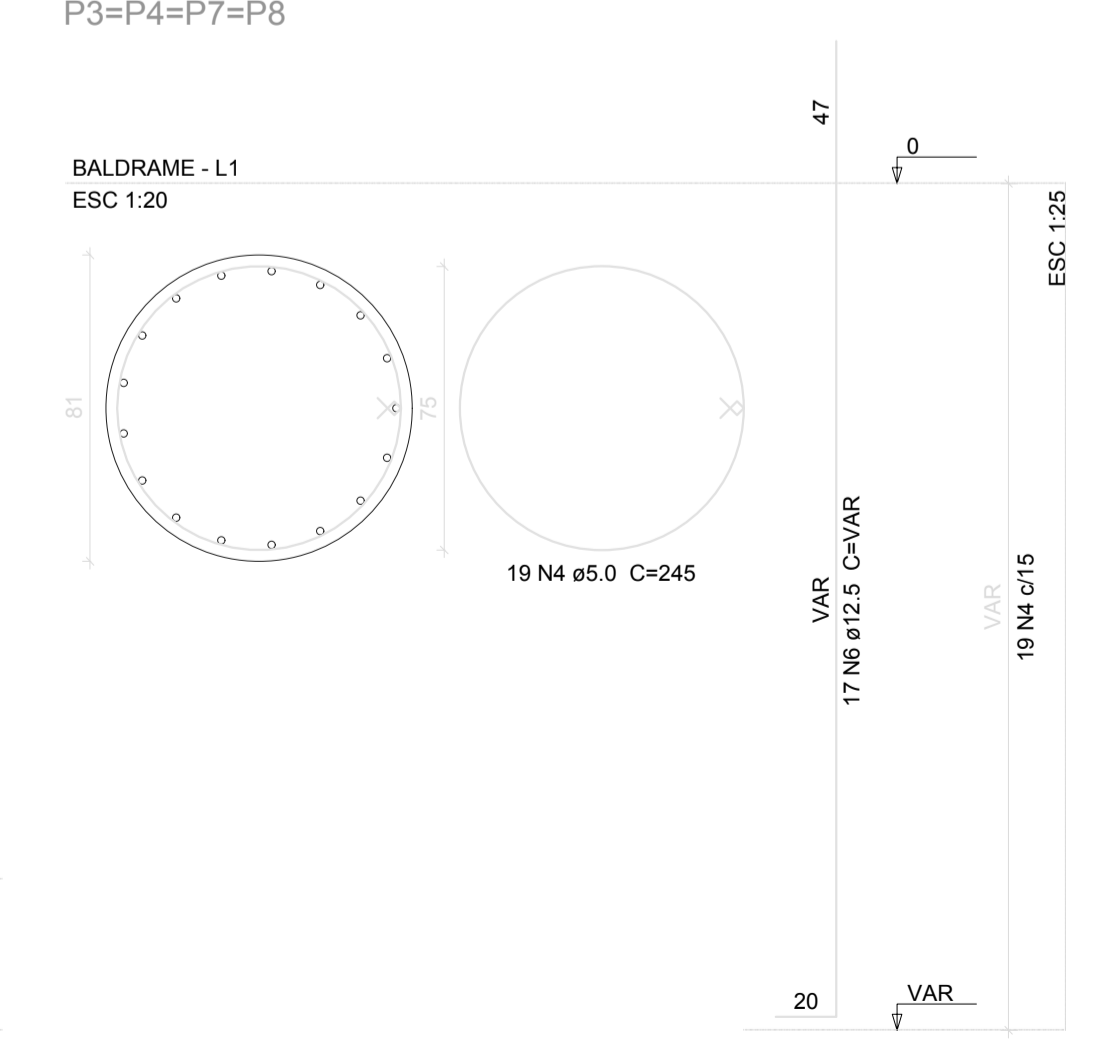
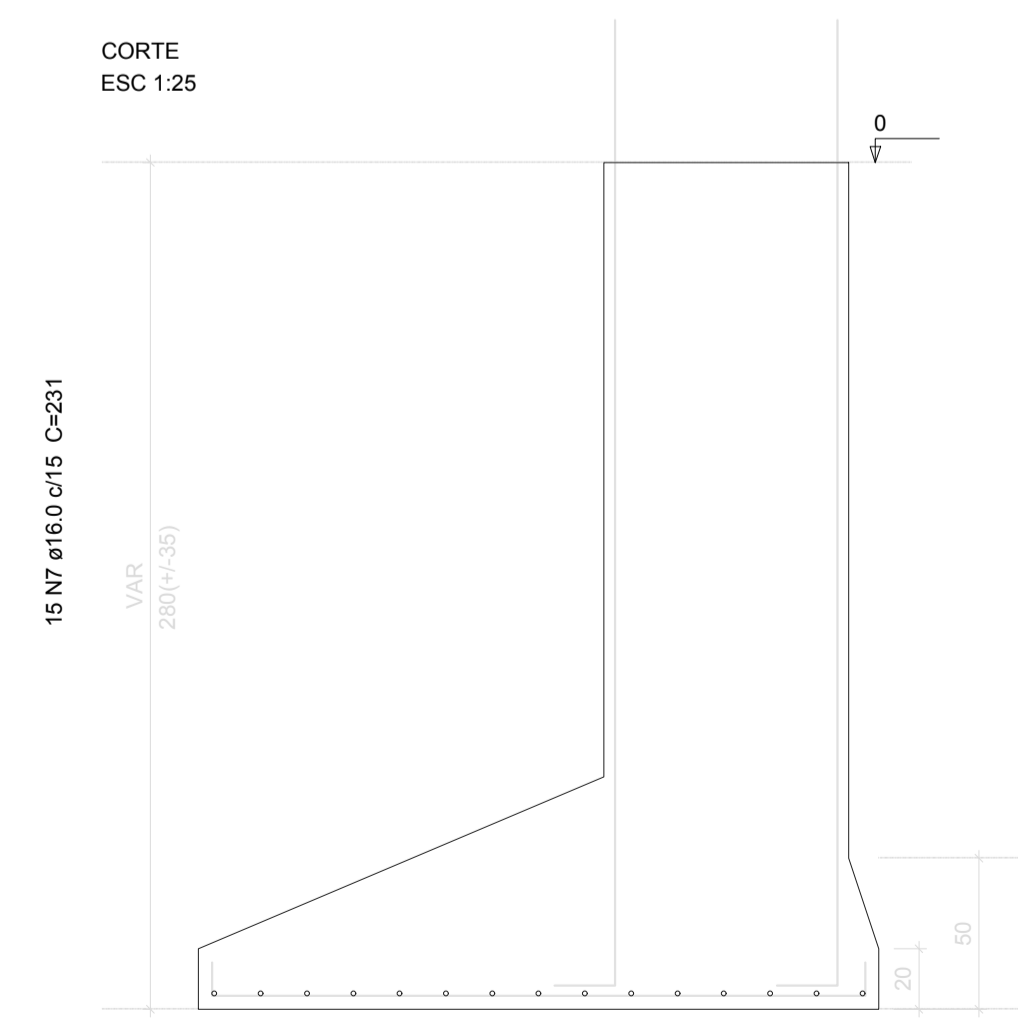
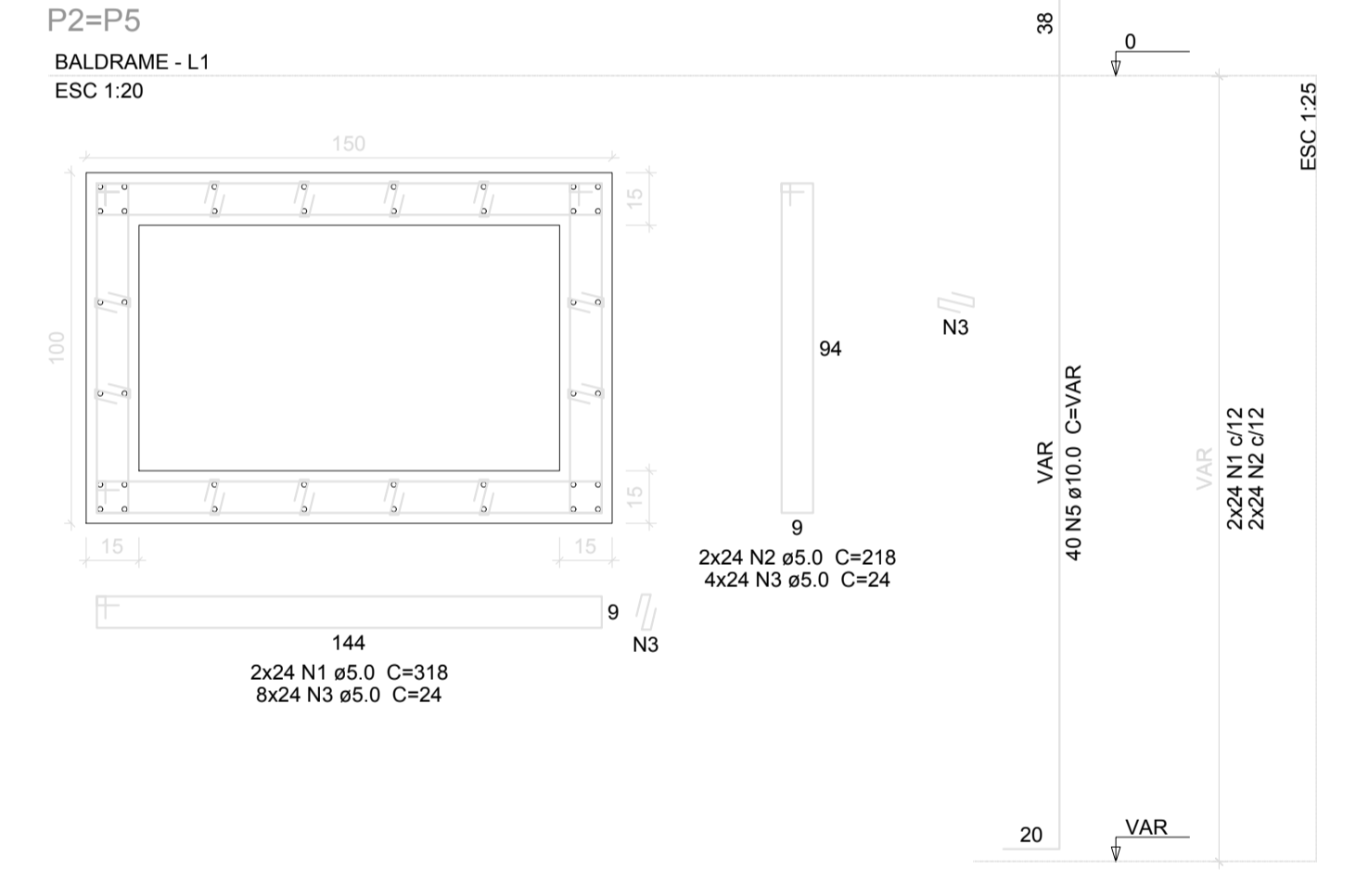
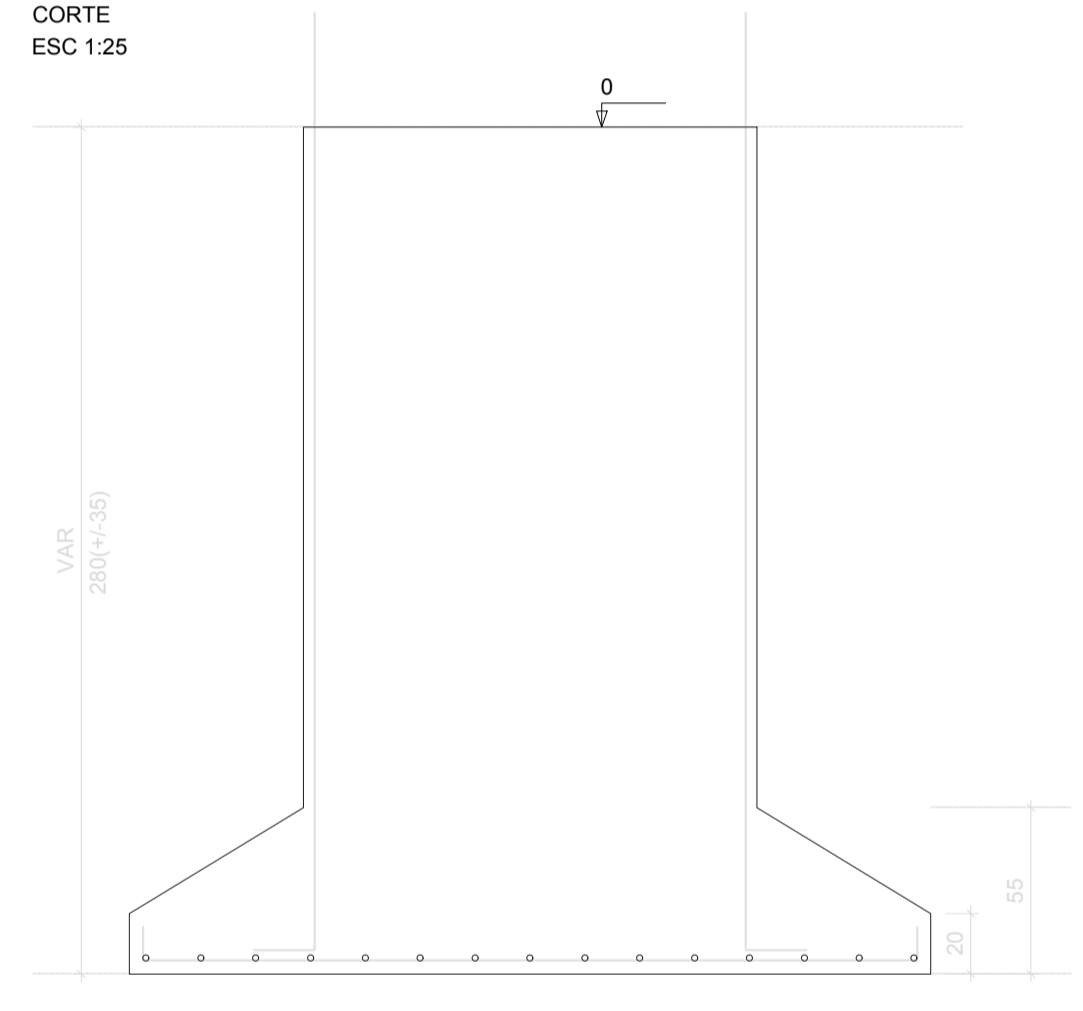
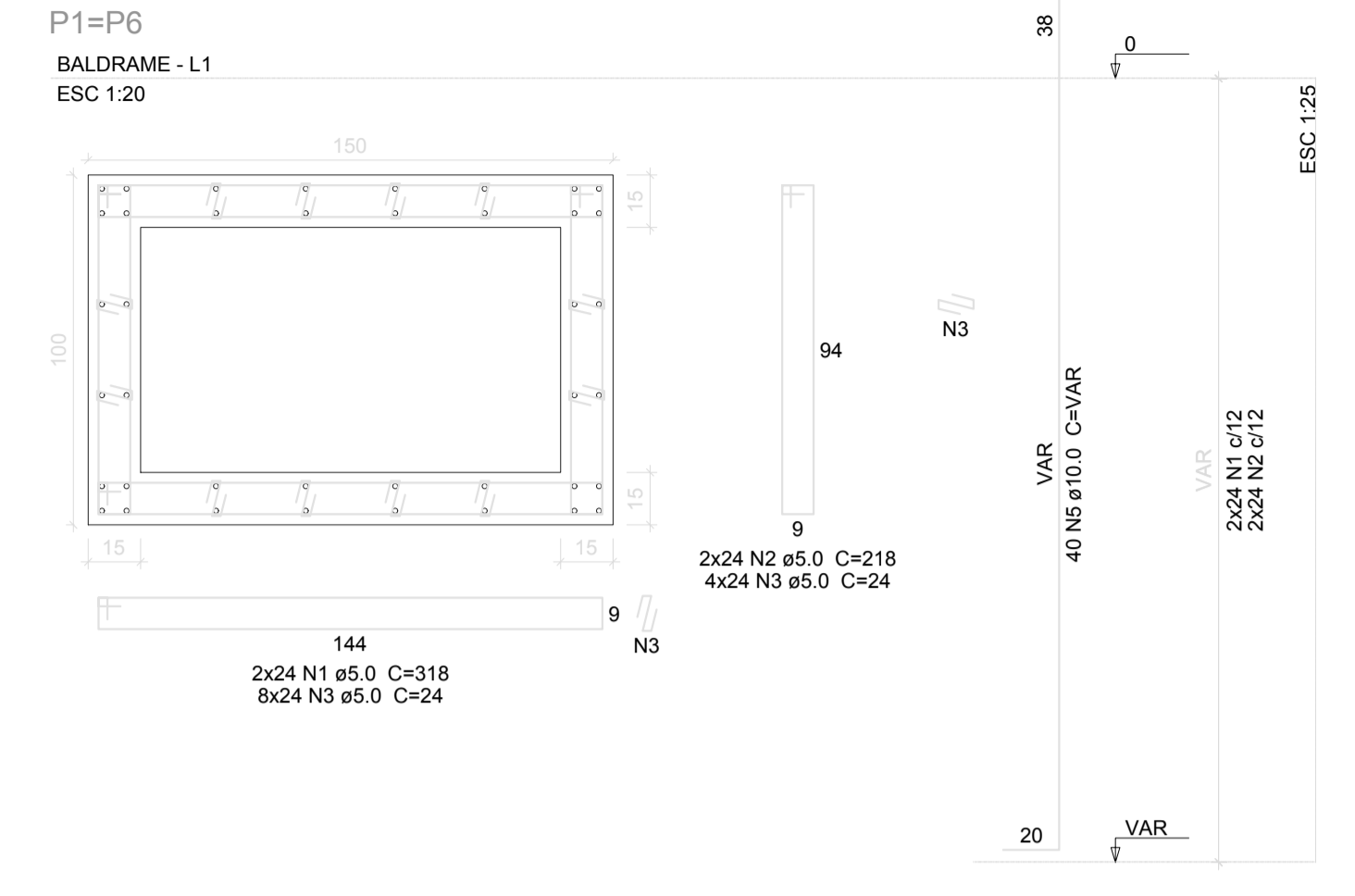
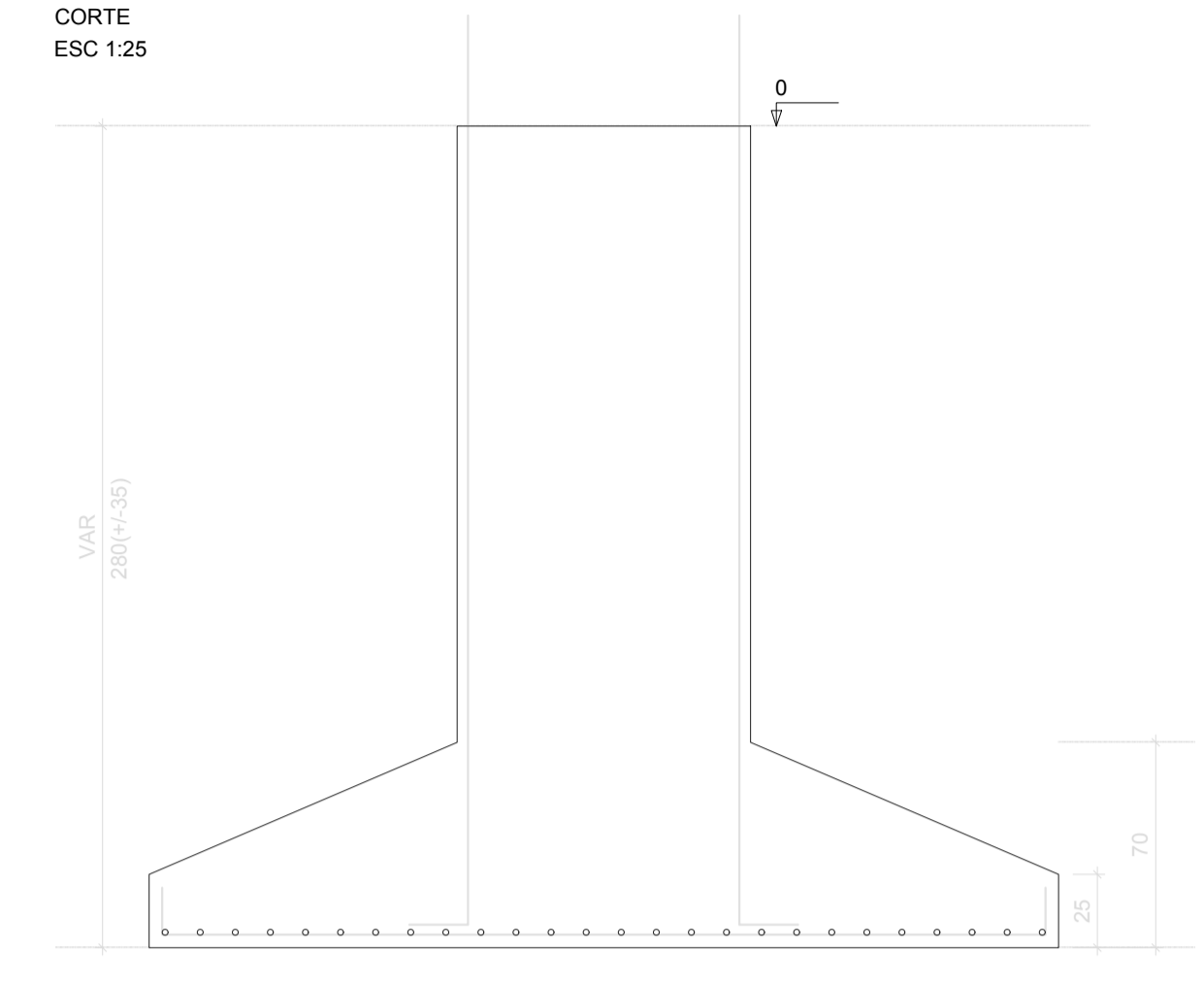
Solo com capacidade de suporte > 1.70 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³



Solo com capacidade de suporte > 1.70 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³



Solo com capacidade de suporte > 1.70 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³



Relação do aço

2xS1	2xS2		4xS3		
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	192	318	61056
	2	5.0	192	218	41856
	3	5.0	1152	24	27648
	4	5.0	76	245	18620
CA50	5	10.0	160	VAR	VAR
	6	12.5	68	VAR	VAR
	7	16.0	120	231	27720
	8	20.0	72	321	23112
	9	20.0	52	371	19292
	10	20.0	42	266	11172
	11	20.0	30	311	9330

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	531.2	360.3
	12.5	231.2	245
	16.0	277.2	481.3
	20.0	629.1	1706.5
CA60	5.0	1491.8	252.9
PESO TOTAL (kg)			
CA50		2793	
CA60		252.9	

Volume de concreto (C-25) = 37.21 m³
Área de forma = 103 m²

PREFEITURA	CREA
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ESTRUTURAL 02/04

OBRA: INSTITUCIONAL
PROPRIETÁRIO: PREFEITURA MUNICIPAL DE PORTO NACIONAL
END.: TO-050, PORTO NACIONAL- TO

AREAS	Proprietario	Ass. Nome
ver arquitetura	Ass. Nome	PREFEITURA MUNICIPAL DE PORTO NACIONAL
	Proj.	
	CREA	8980/D-GO
	ART	
	Resp. Nome	ENGº CIVIL CLEIDSON DIAS DE SOUSA
	Tecnico	
	CREA	
	ART	
	Firma	
	Resp. Ass.	

Des.:
Escala: **Indicada** DATA: **Mai/2017** Conferido: **Revisão 02** Cadastro:
Conteúdo:
SAPATAS