

RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	87	77	6699
	2	5.0	36	54	1944
	3	5.0	36	24	864
	4	5.0	4	127	508
	5	5.0	4	79	316
	6	6.3	130	26	3380
	7	6.3	7	158	1106
	8	6.3	6	95	570
	9	10.0	74	77	5698
	10	10.0	28	118	3304
	11	12.5	20	77	1540

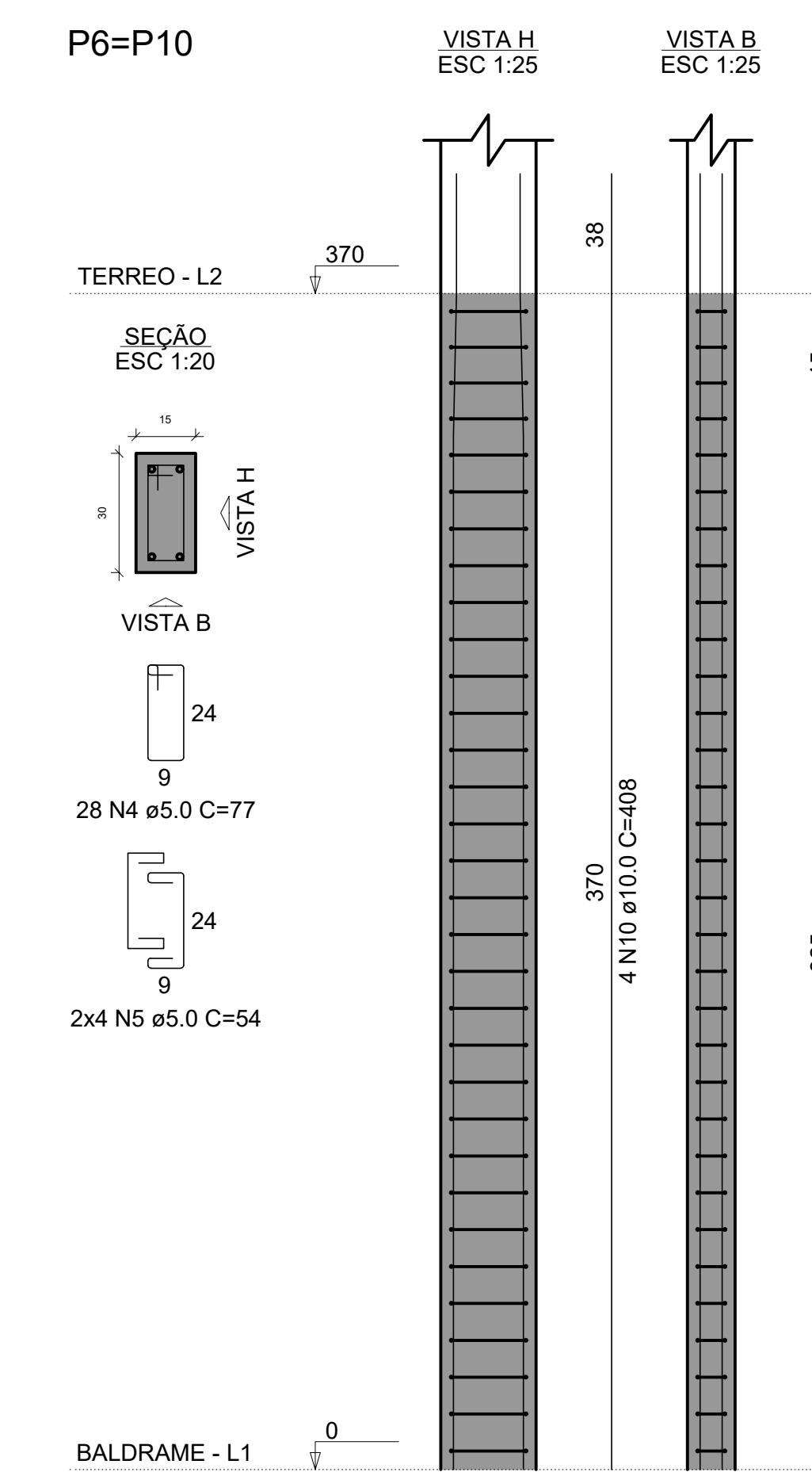
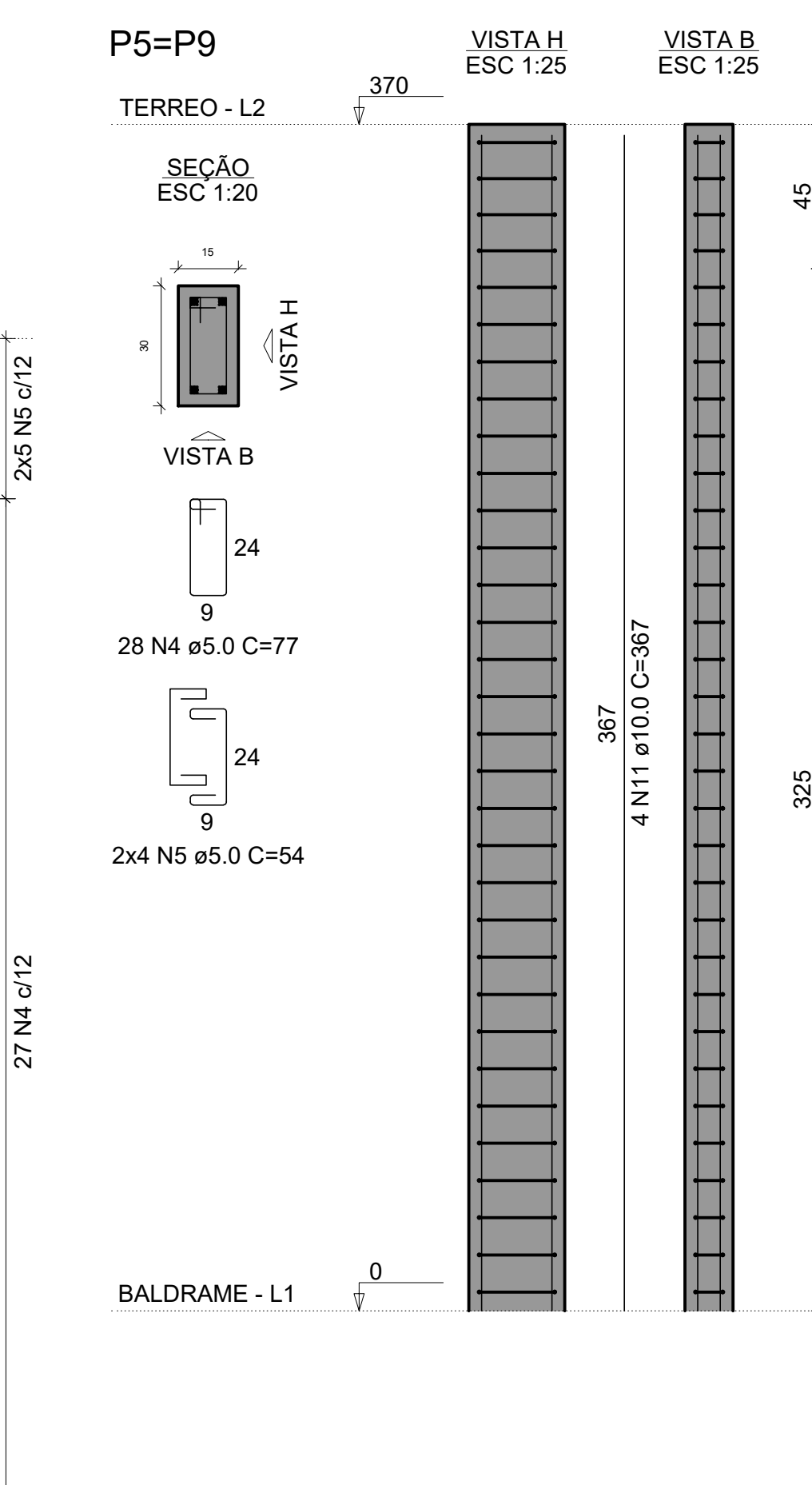
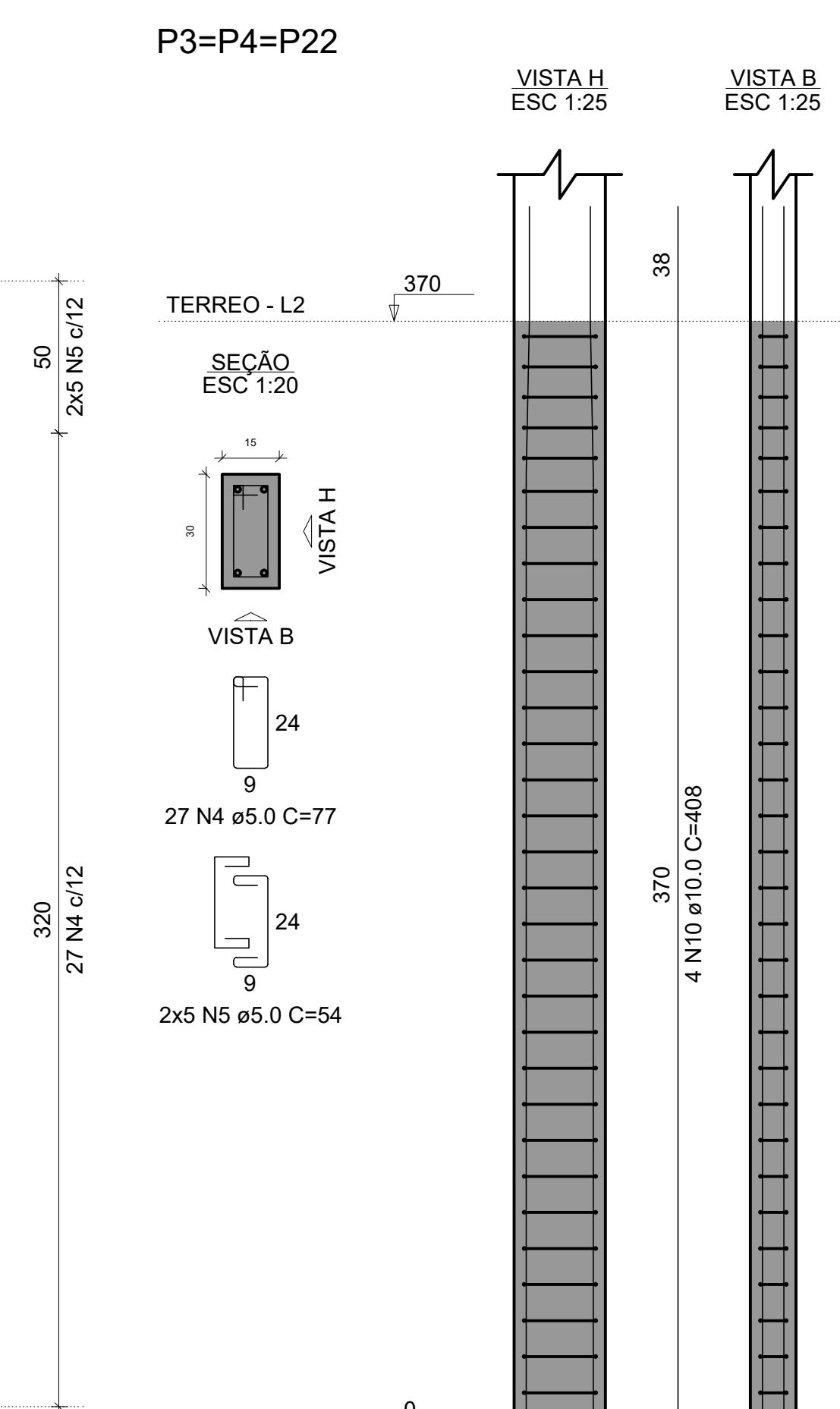
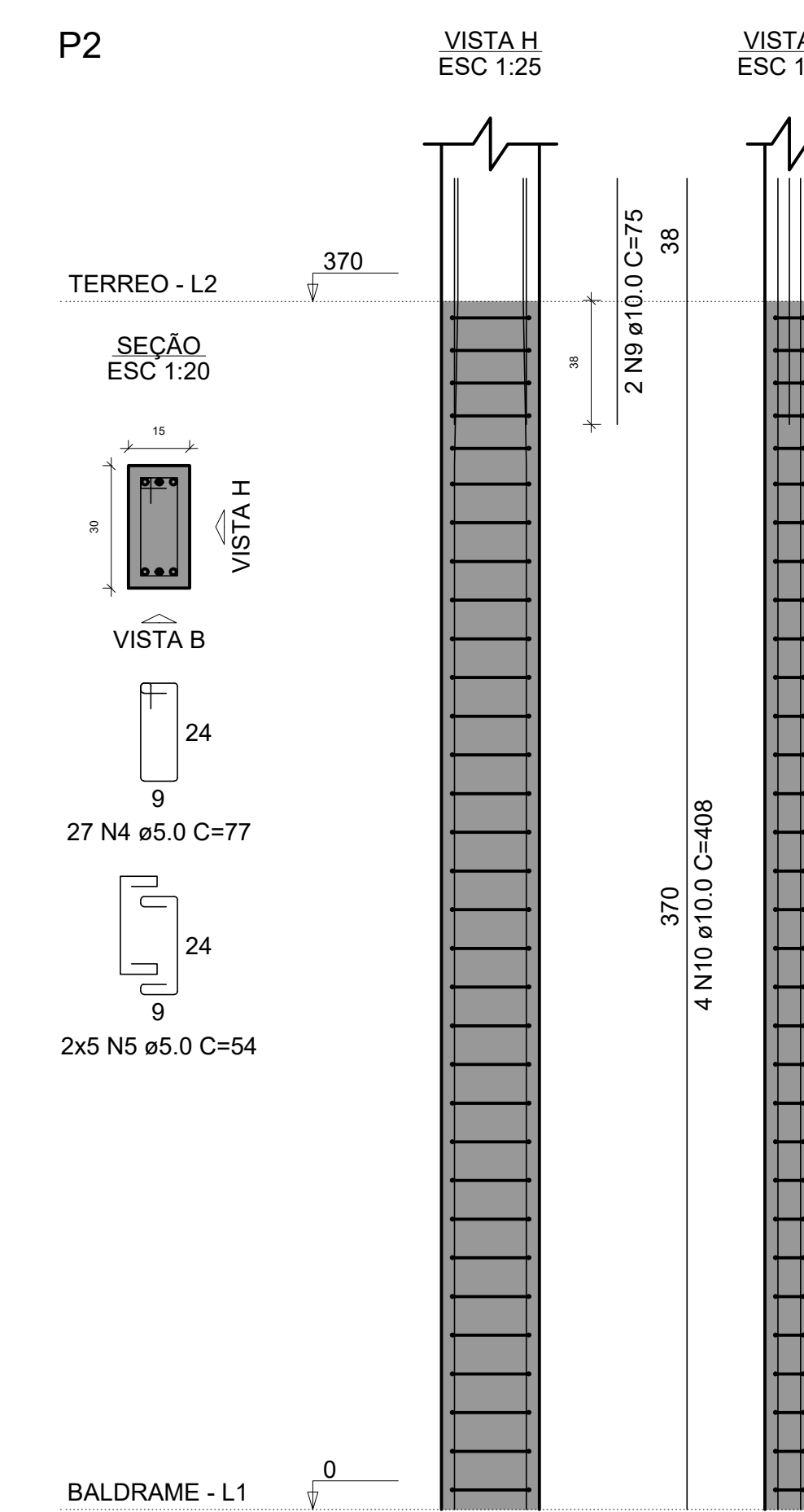
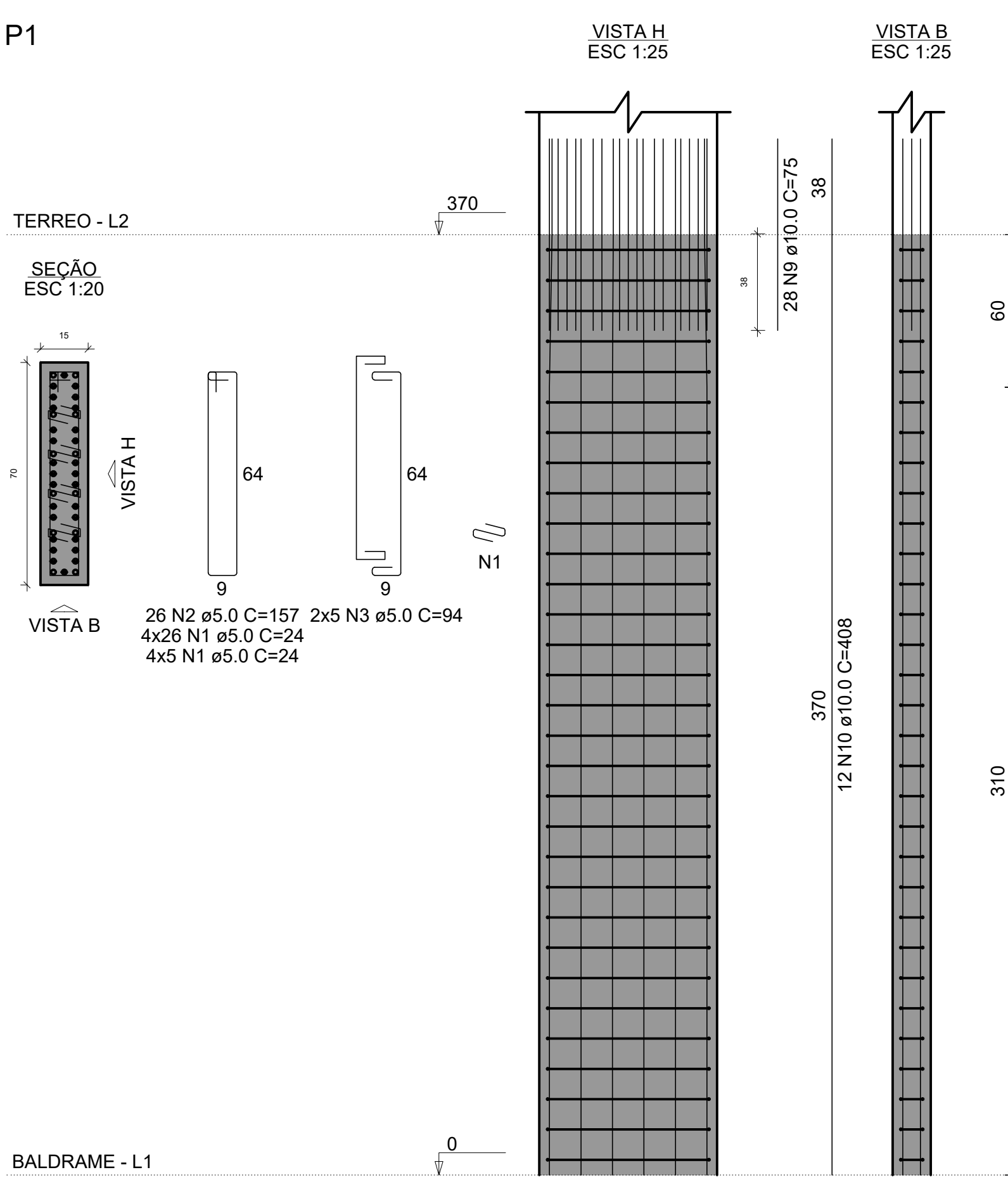
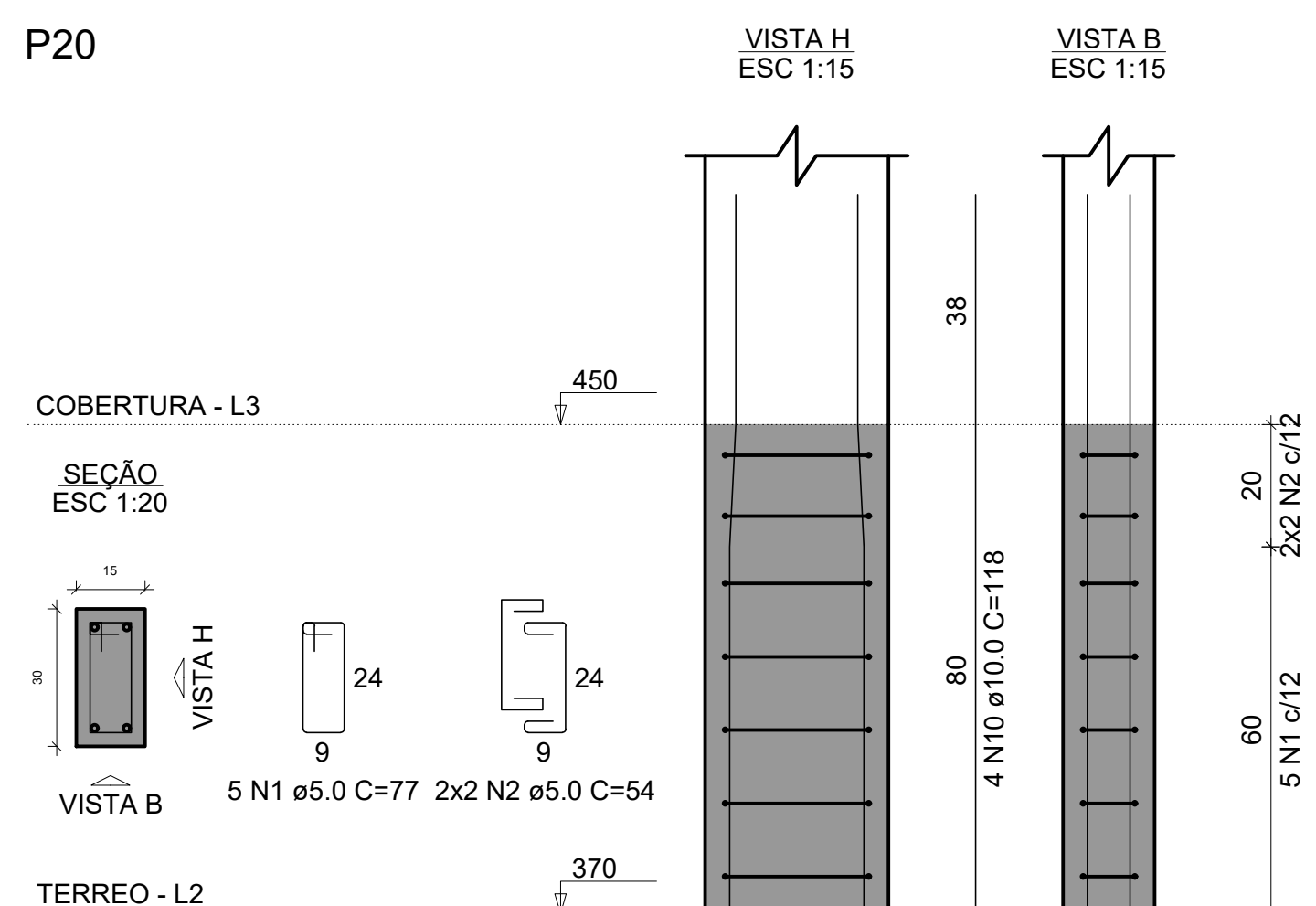
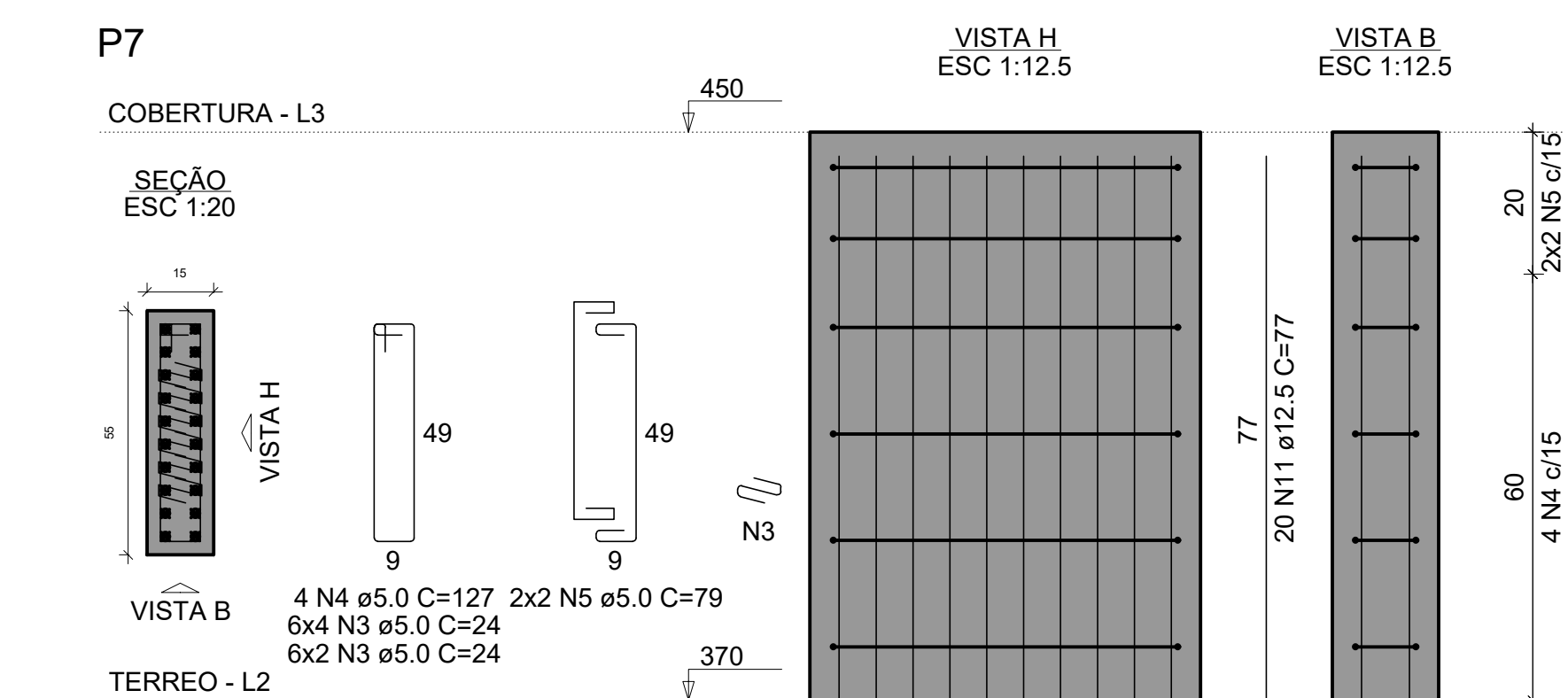
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	50.6	13.6
	10.0	90	61.1
	12.5	15.4	16.3
	5.0	103.3	17.5

PESO TOTAL (kg)

CA50	91
CA60	17.5

Volume de concreto (C-25) = 0.69 m³  
Área de forma = 13.28 m²



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	124	24	2976
	2	5.0	26	157	4082
	3	5.0	10	94	940
	4	5.0	560	77	43120
	5	5.0	160	54	8640
	6	5.0	25	24	600
	7	5.0	21	127	2667
	8	5.0	8	79	632
	9	10.0	30	75	2250
	10	10.0	68	408	27744
	11	10.0	24	367	8808
	12	12.5	14	94	1316
	13	16.0	6	430	2580

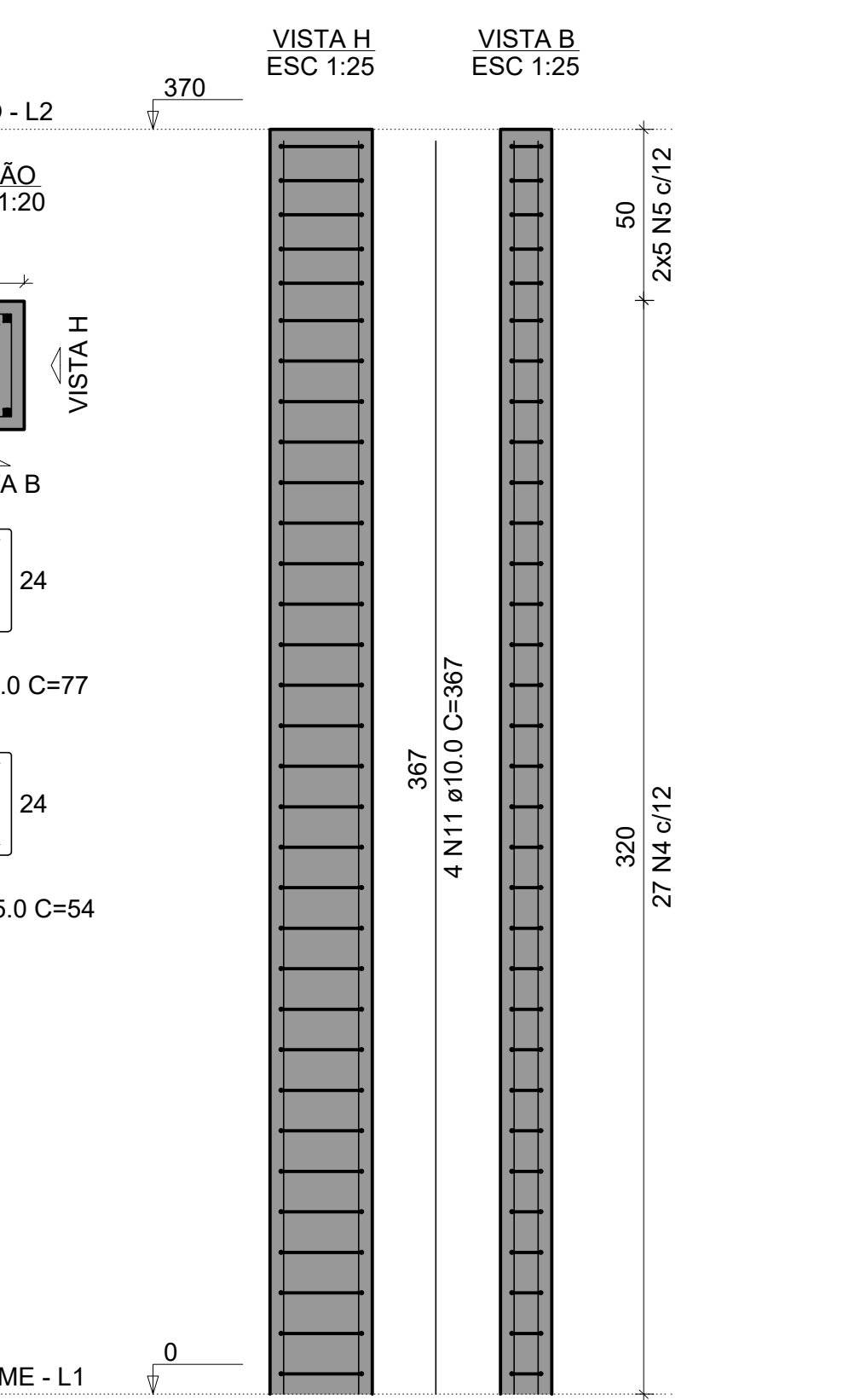
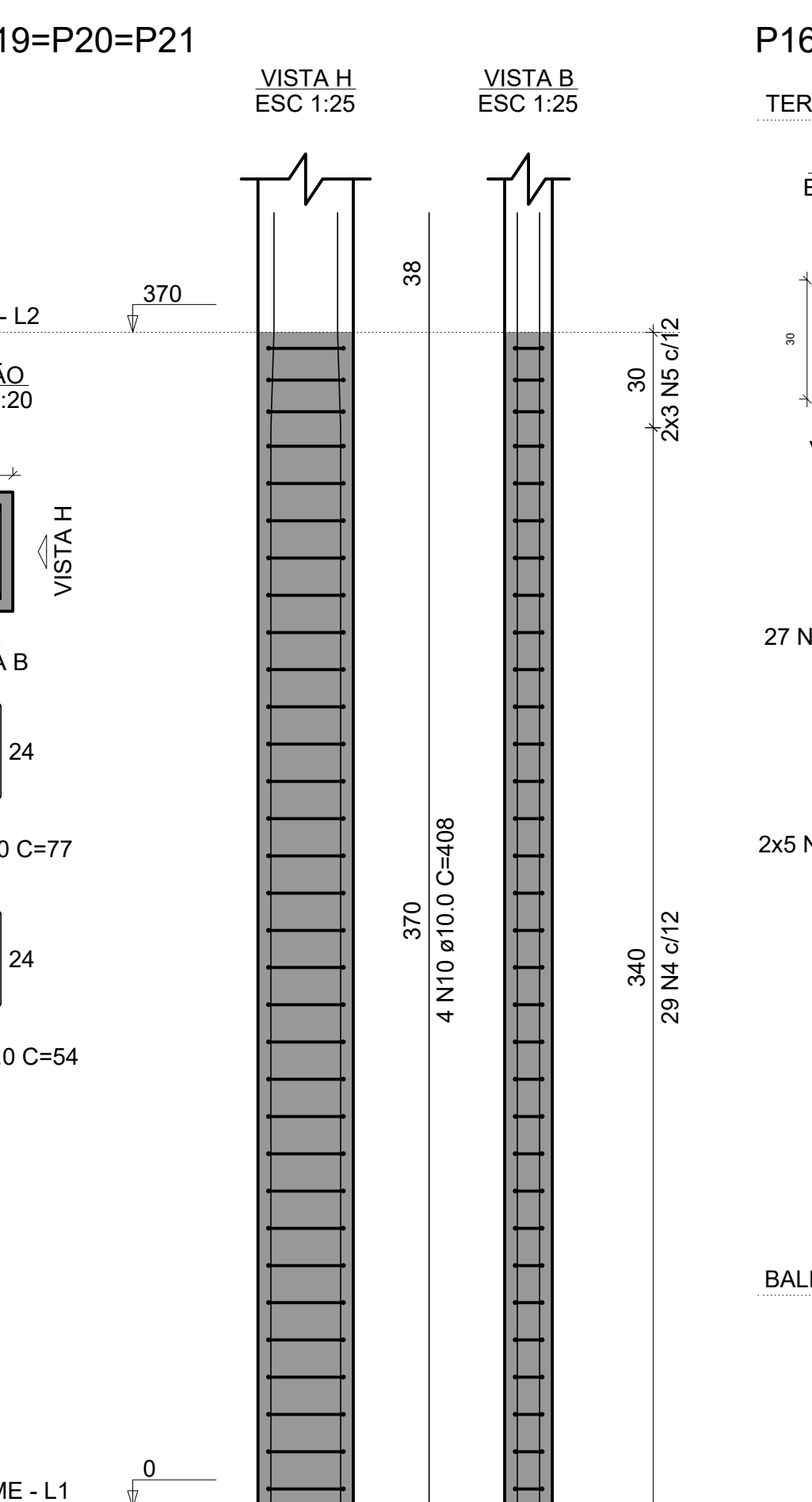
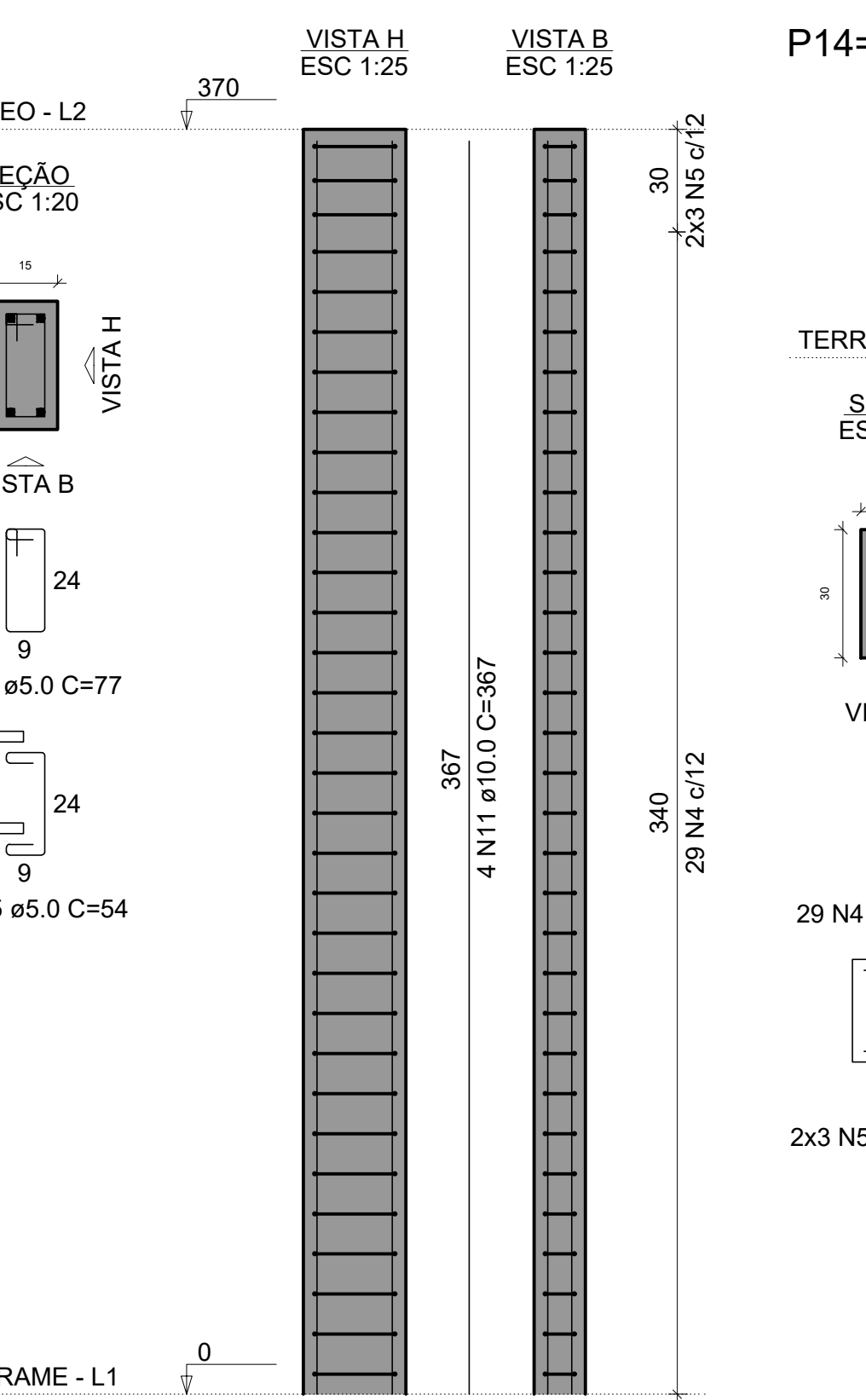
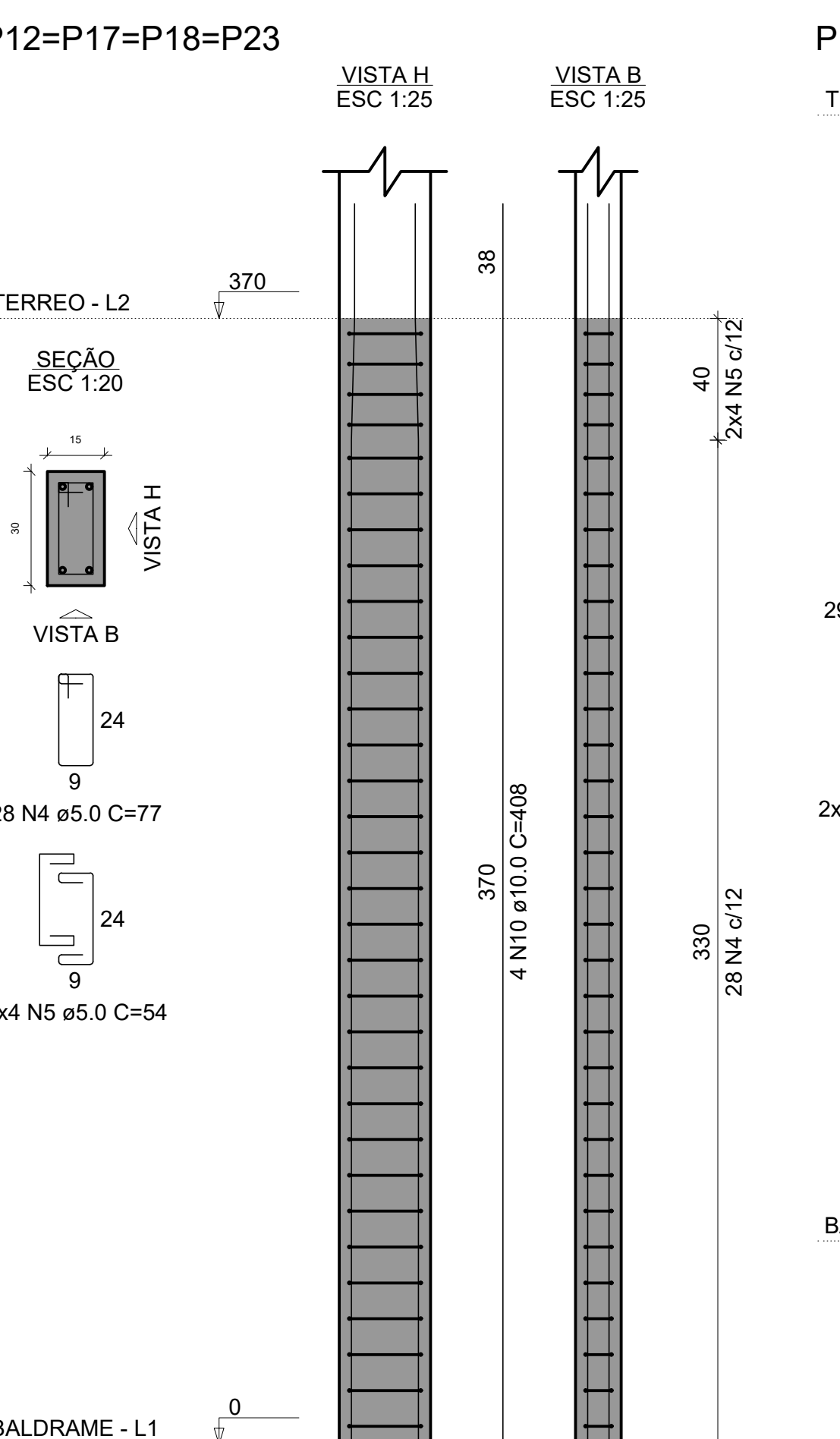
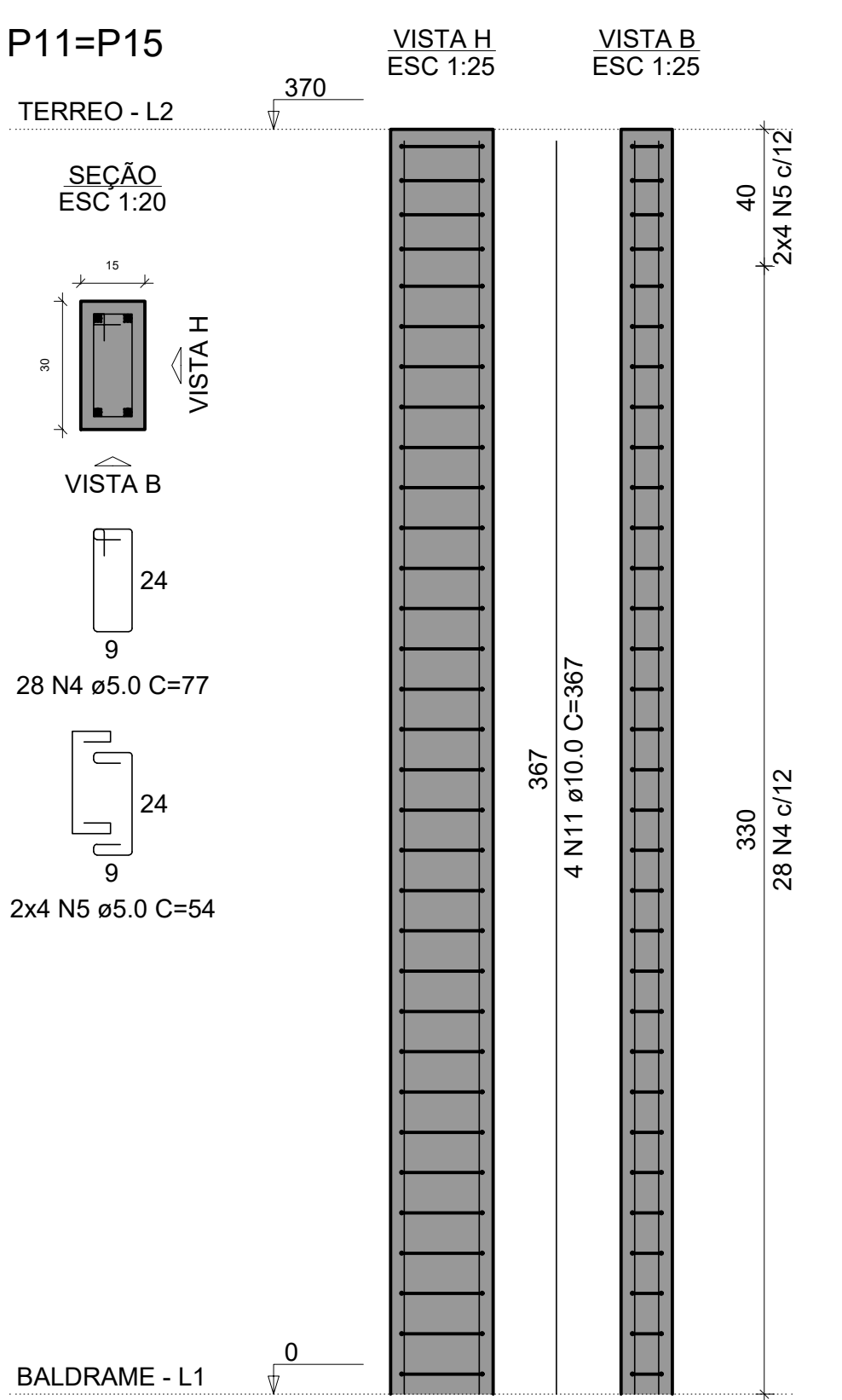
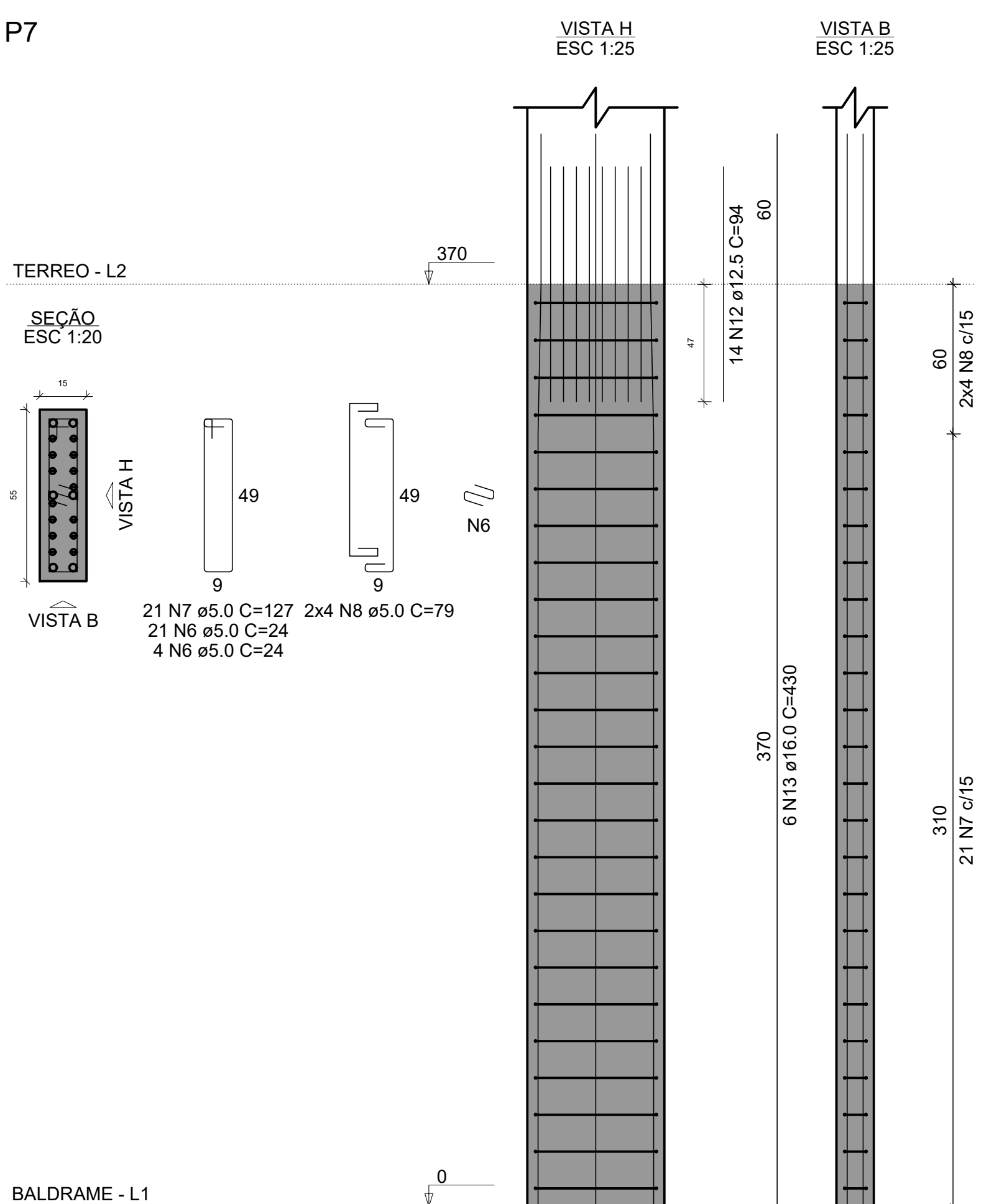
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	388	263.2
	12.5	13.2	13.9
	16.0	25.8	44.8
	5.0	636.6	107.9

PESO TOTAL (kg)

CA50	321.9
CA60	107.9

Volume de concreto (C-25) = 4.02 m³  
Área de forma = 78.07 m²



PROJETO DE CÁLCULO ESTRUTURAL			
AMPLIAÇÃO - UBS PIO MINEIRO			
PROPRIETÁRIO		PREFEITURA MUNICIPAL DE CAPITÃO ENÉAS	
PROJETO		EXECUÇÃO	
AUTOR		REVISOR	
APROVADO		REVISADO	
DATA		DATA	
LOCAL		LOCAL	
PROJETO		EXECUÇÃO	
AUTOR		REVISOR	
APROVADO		REVISADO	
DATA		DATA	
LOCAL		LOCAL	