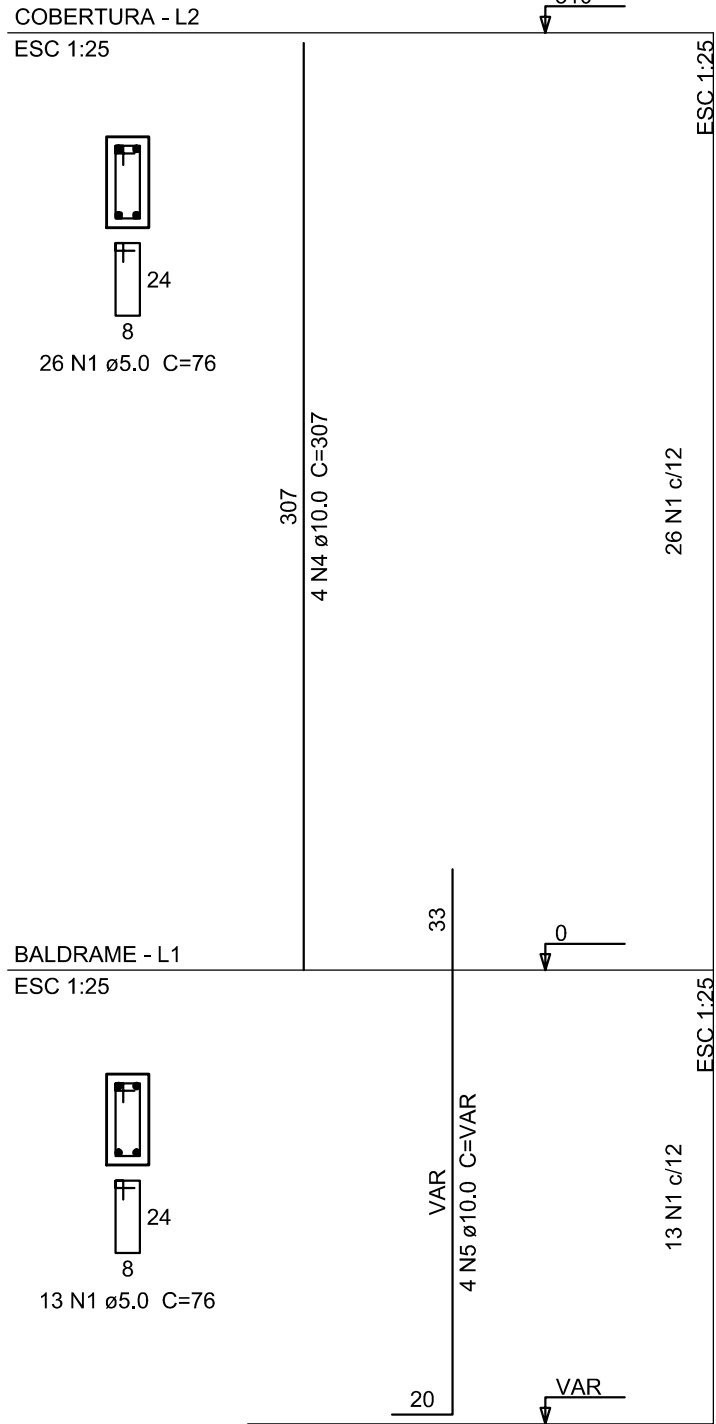
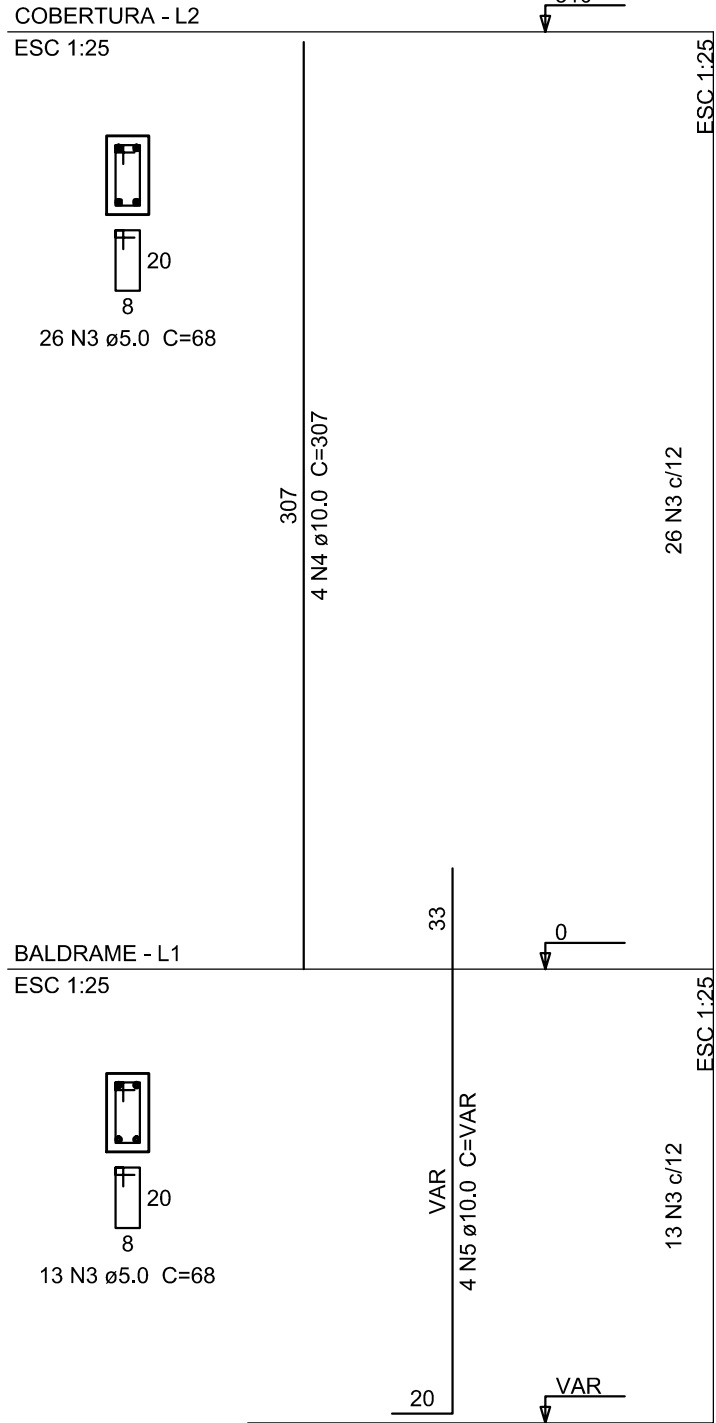


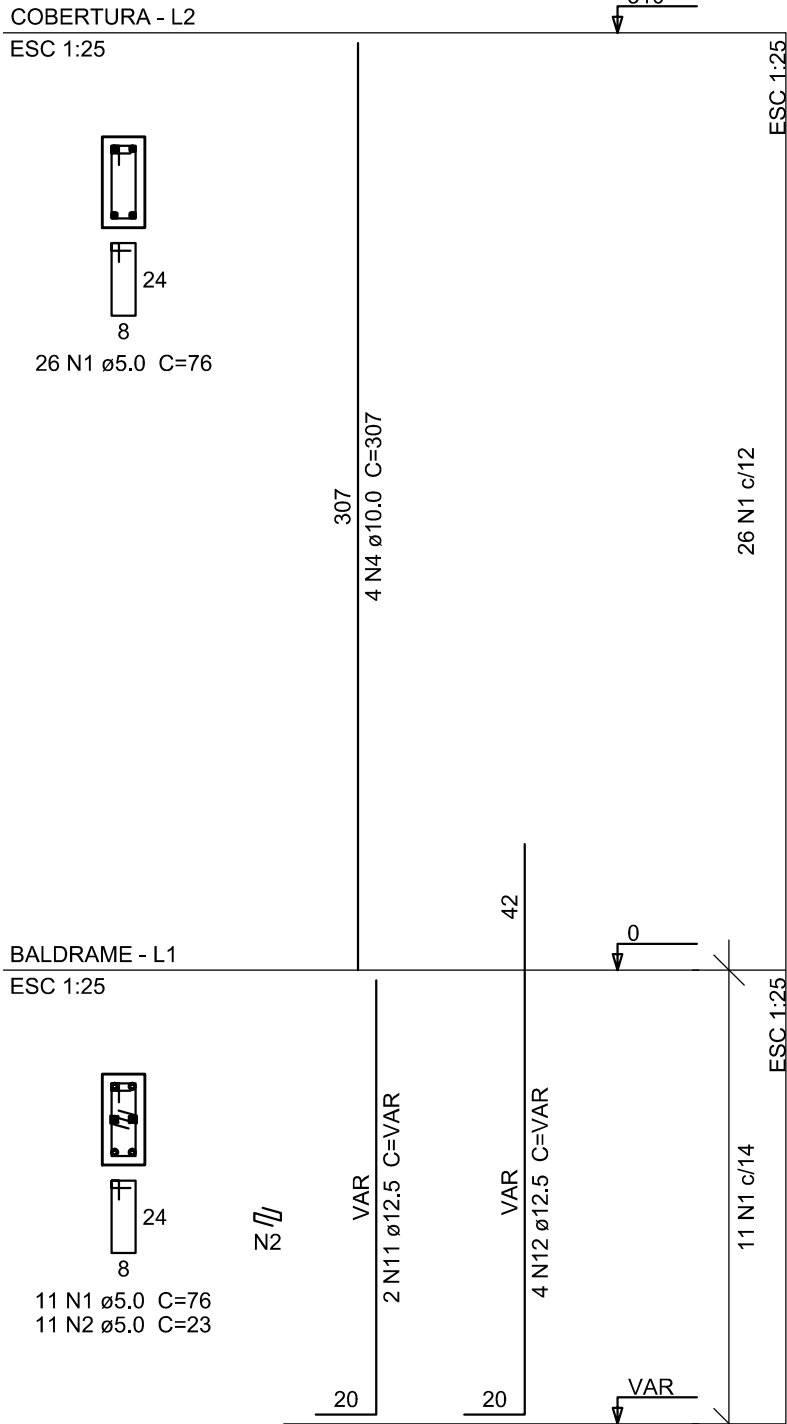
P1=P3=P4=P6=P9=P10=P11=P15=P16=P17=P18=P19



P14



P2=P5



Relação do aço

35:	P7	P8
Cobertura:	P12	P13
	P1	P2
	P3	P4
	P5	P6
	P9	P10
	P11	P14
	P15	P16
	P17	P18
	P19	
Cobertura reservatório:	P20	P21

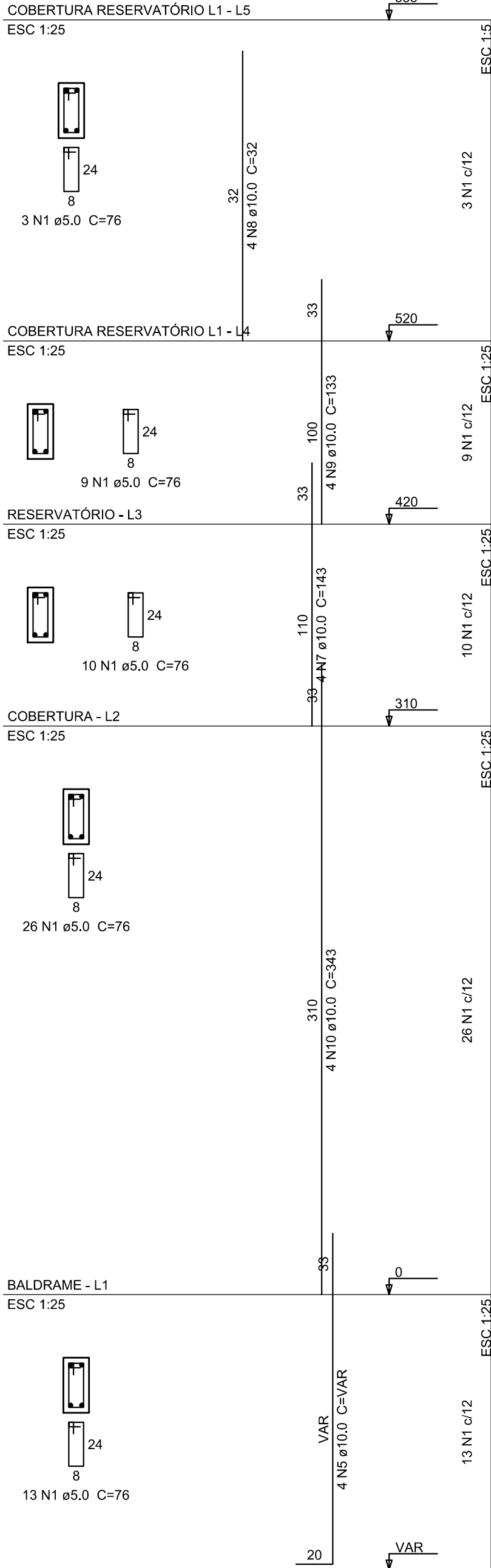
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	824	76	62624
	2	5.0	22	23	506
	3	5.0	39	68	2652
CA50	4	10.0	60	307	18420
	5	10.0	68	VAR	VAR
	6	10.0	8	97	776
	7	10.0	24	143	3432
	8	10.0	16	32	512
	9	10.0	16	133	2128
	10	10.0	16	343	5488
	11	12.5	4	VAR	VAR
	12	12.5	8	VAR	VAR

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	442.2	299.9
	12.5	23	24.3
CA60	5.0	657.9	111.5
PESO TOTAL (kg)			
CA50		324.2	
CA60		111.5	

Volume de concreto (C-30) = 4.23 m³  
Área de forma = 88.86 m²

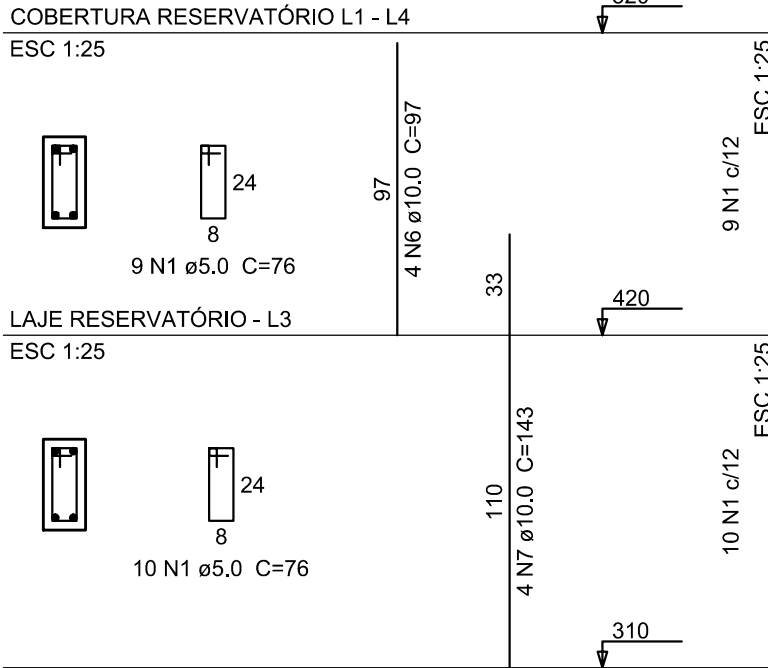
P7=P8=P12=P13



01

Pilares  
escala 1/25

P20=P21



PREFEITURA MUNICIPAL DO RIO GRANDE  
SECRETARIA MUNICIPAL DE COORDENAÇÃO E PLANEJAMENTO



CENTRO DE CONVIVÊNCIA INTERGERACIONAL  
SMCAS

AV. PELOTAS, ENTRE AS RUAS MINAS GERAIS E GONÇALVES DIAS | RIO GRANDE | RS  
LADO ÍMPAR

PROJETO ESTRUTURAL  
DETALHAMENTO PILARES

SMCP  
03-2018

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09/09

ESCALA INDICADA