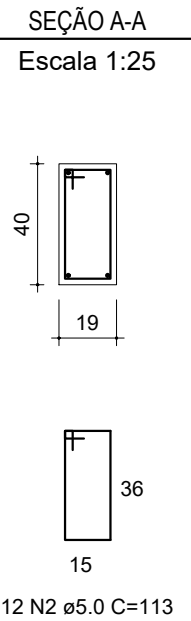
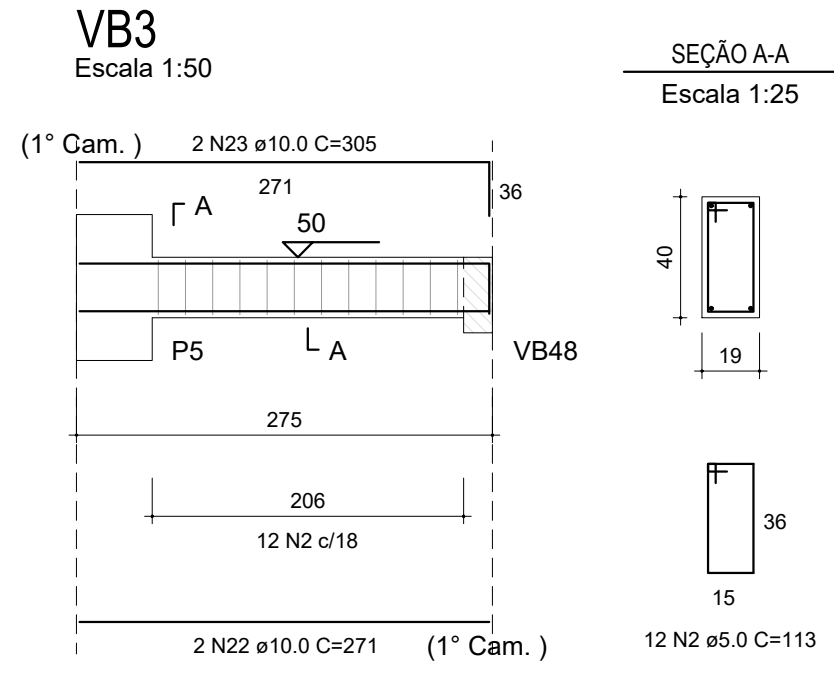
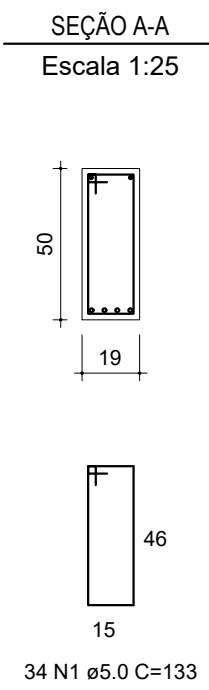
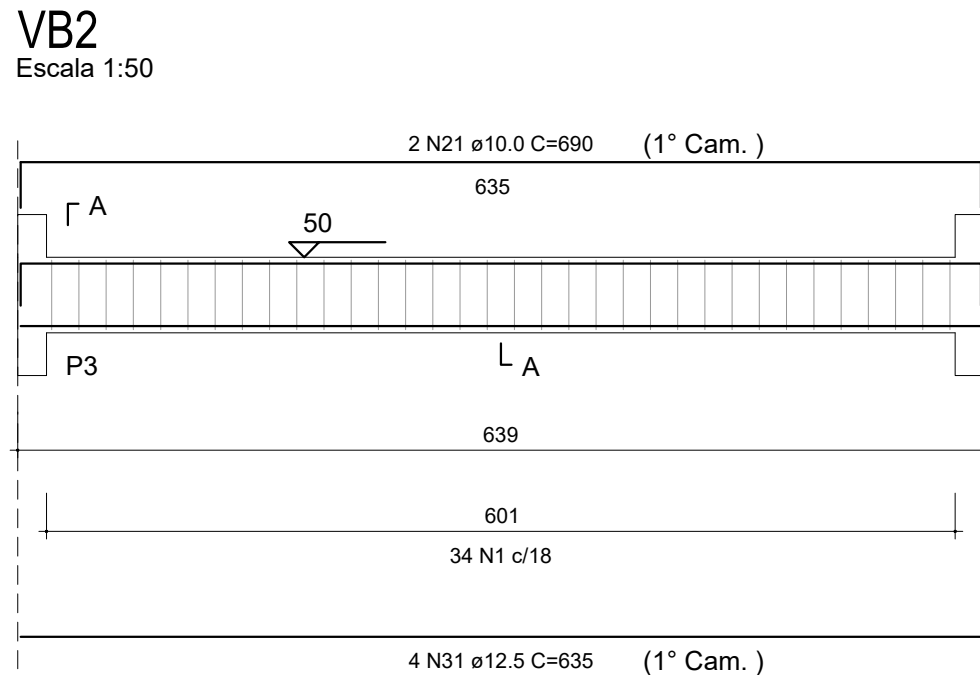
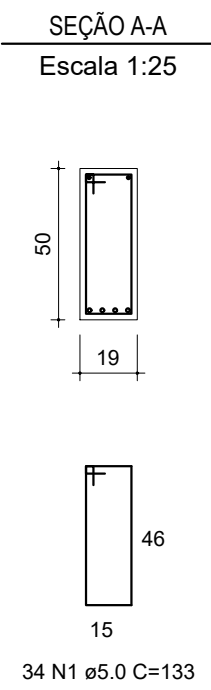
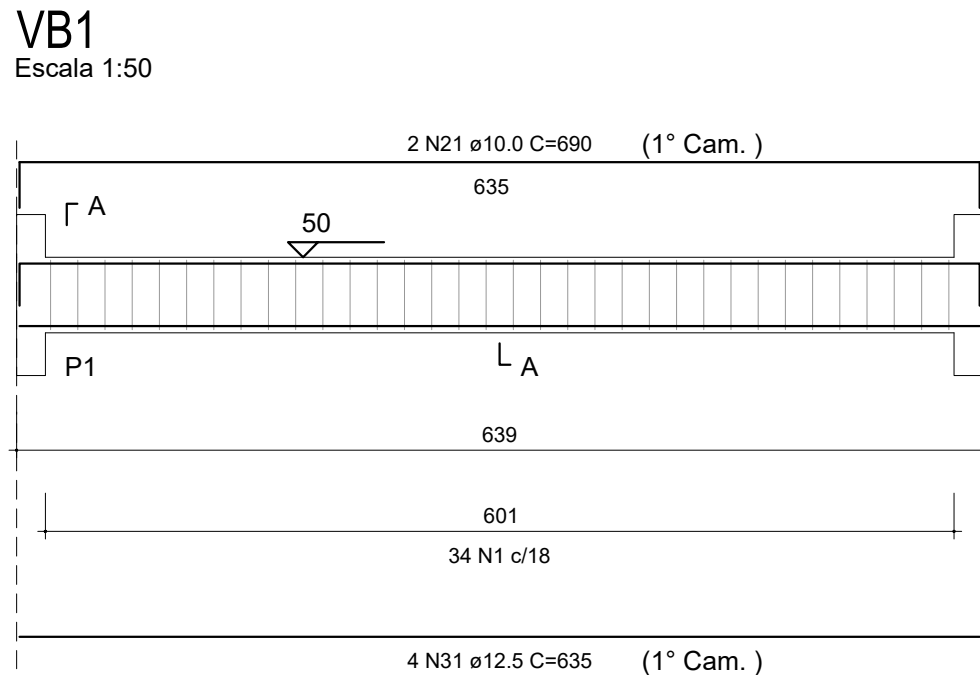


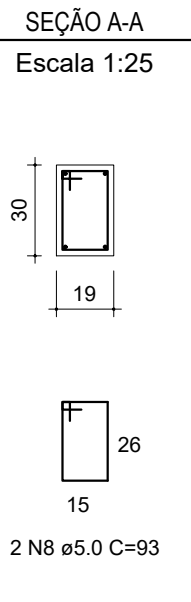
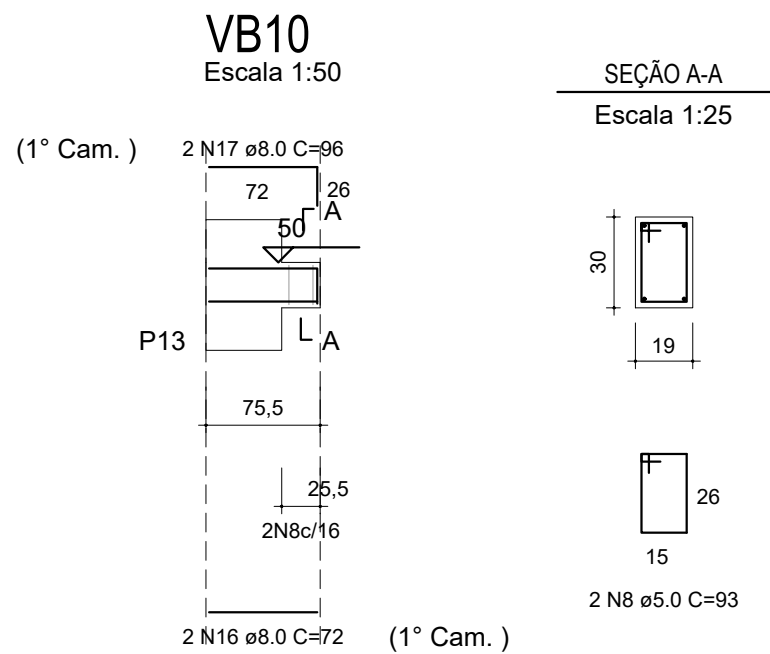
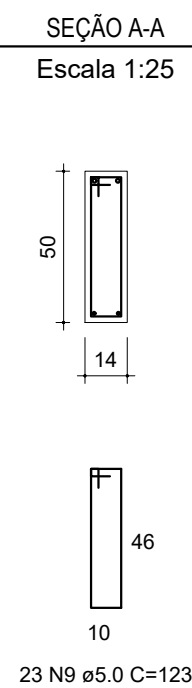
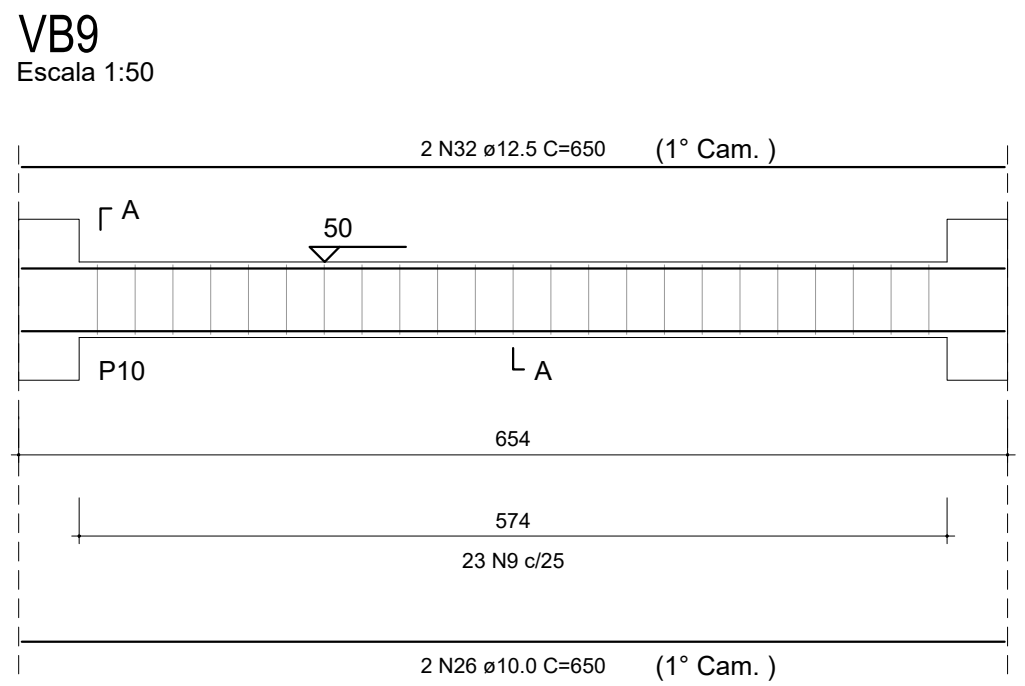
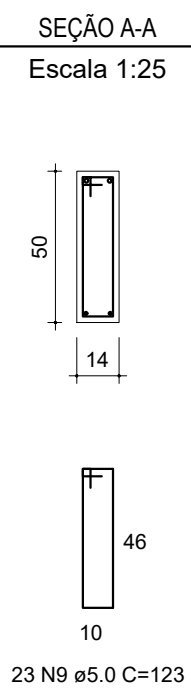
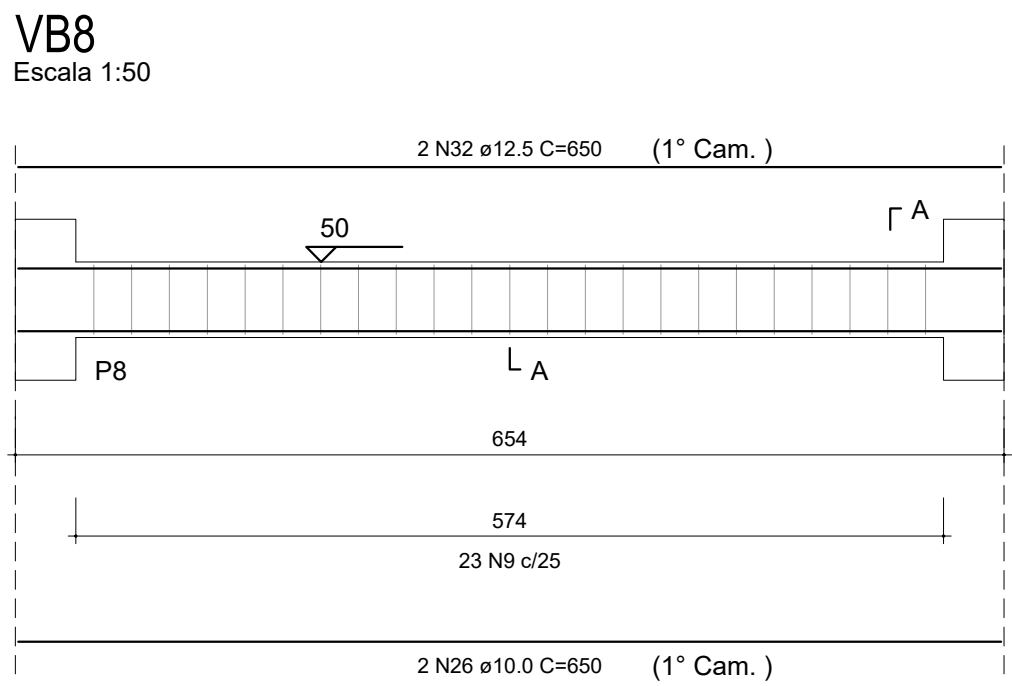
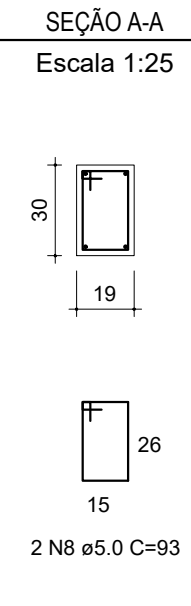
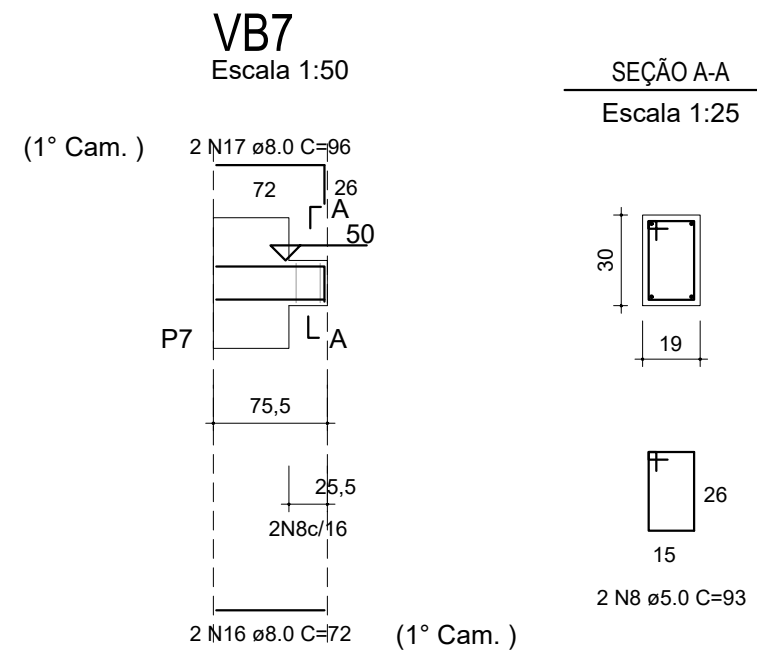
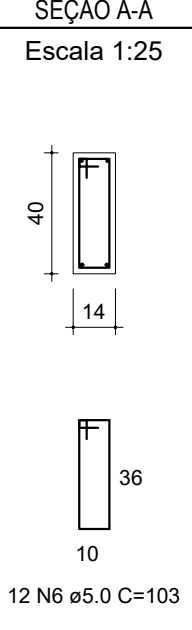
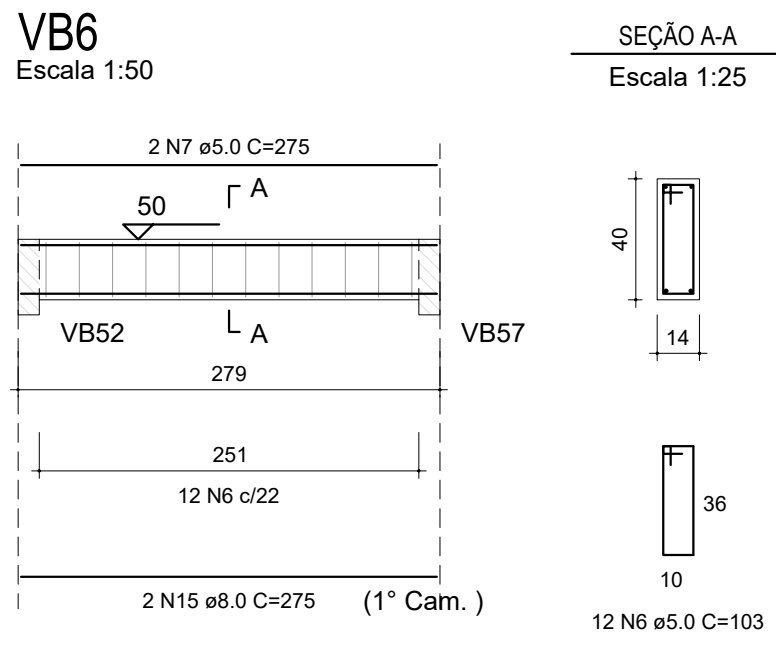
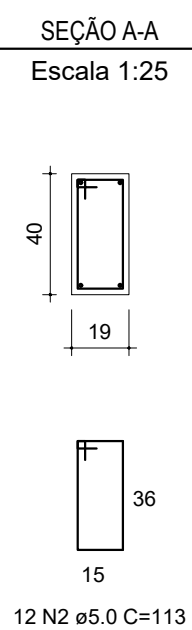
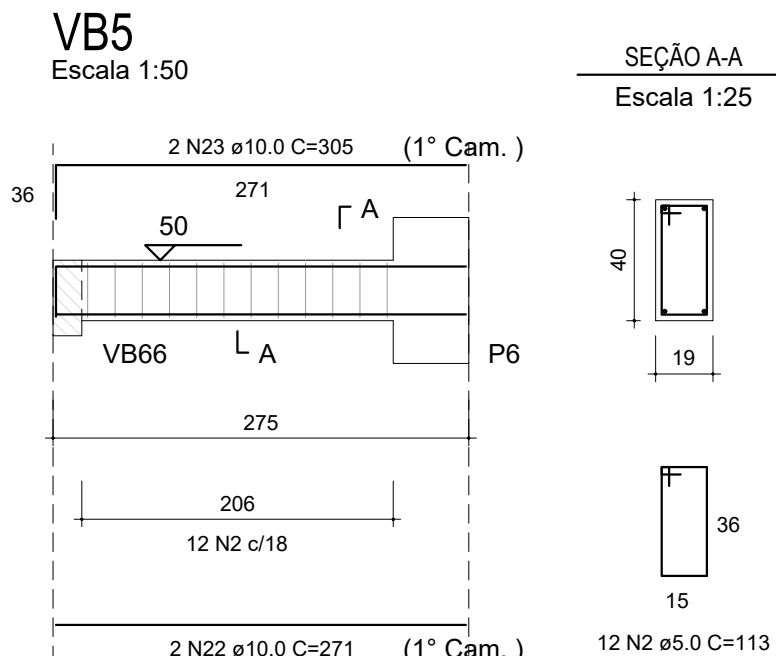
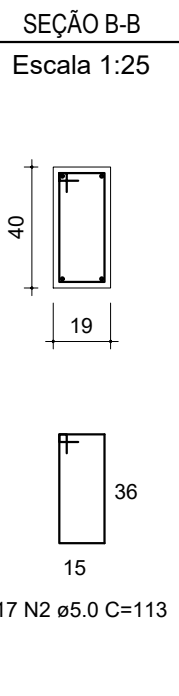
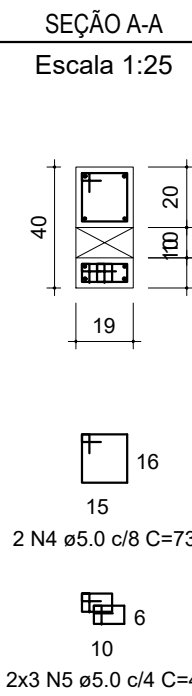
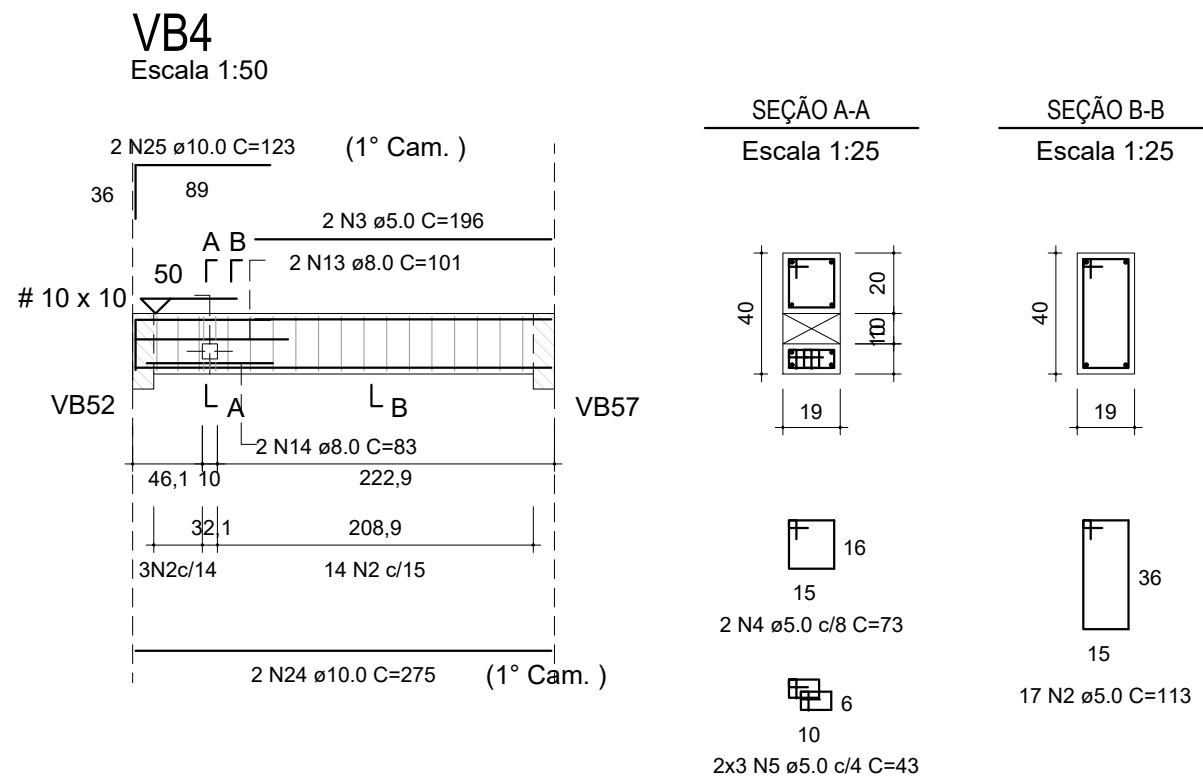
PROJETO ESTRUTURAL - CRECHE BEIRA RIO

Escala indicada



RELAÇÃO DO AÇO				
VB1	VB2	VB3		
VB4	VB5	VB6		
VB7	VB8	VB9		
VB10	VB11	VB12		
VB13	VB14	VB15		
VB16				

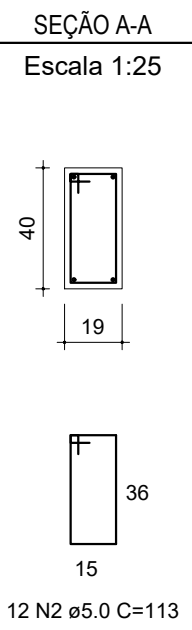
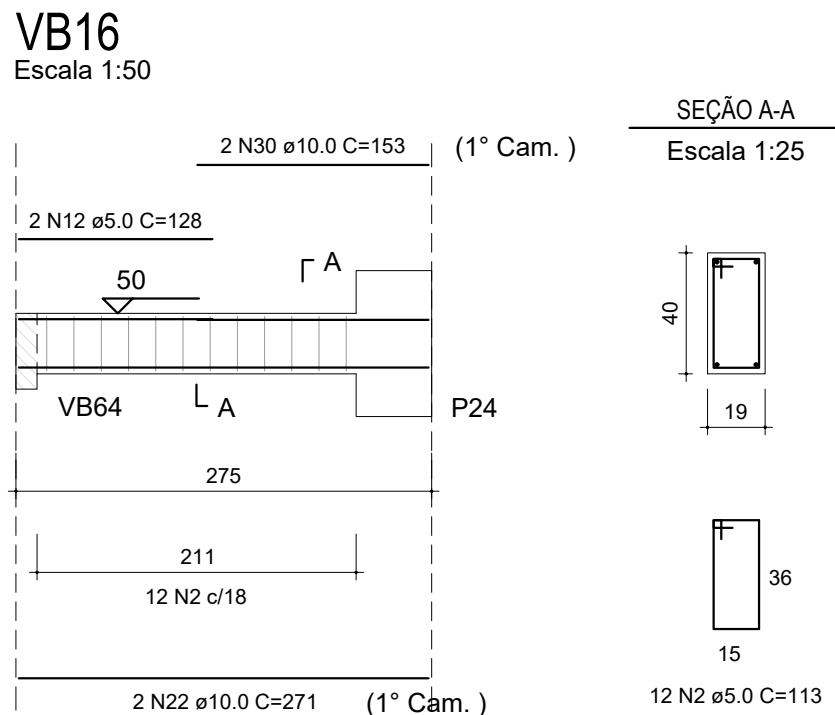
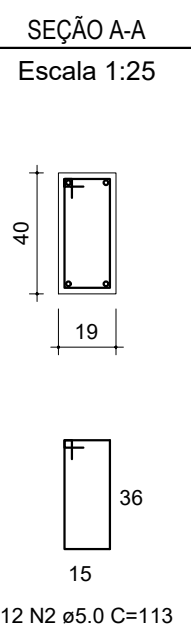
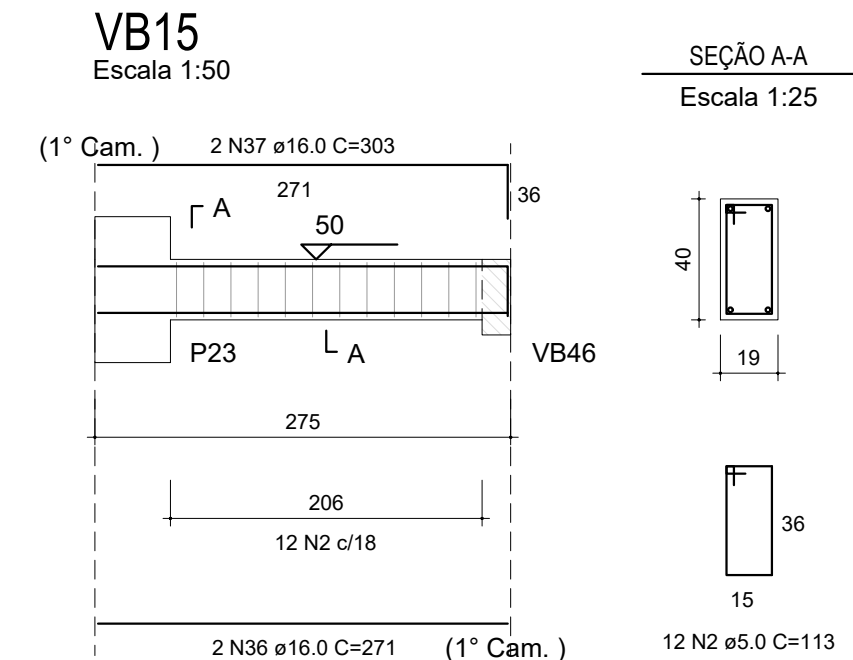
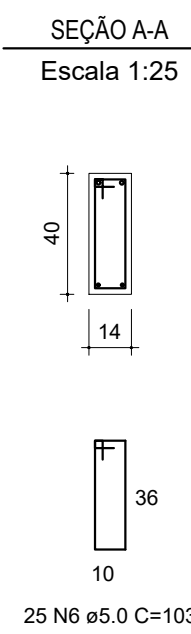
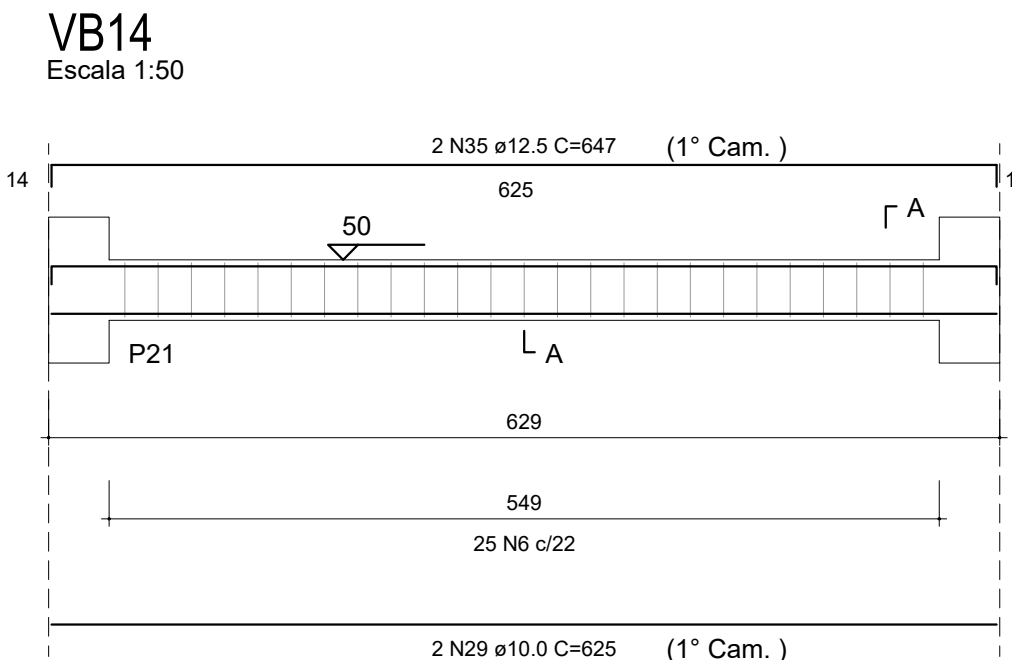
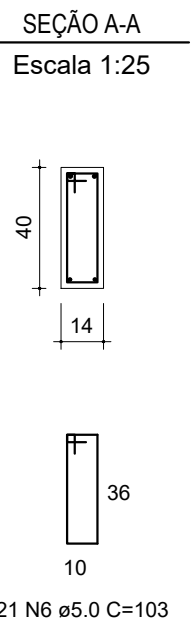
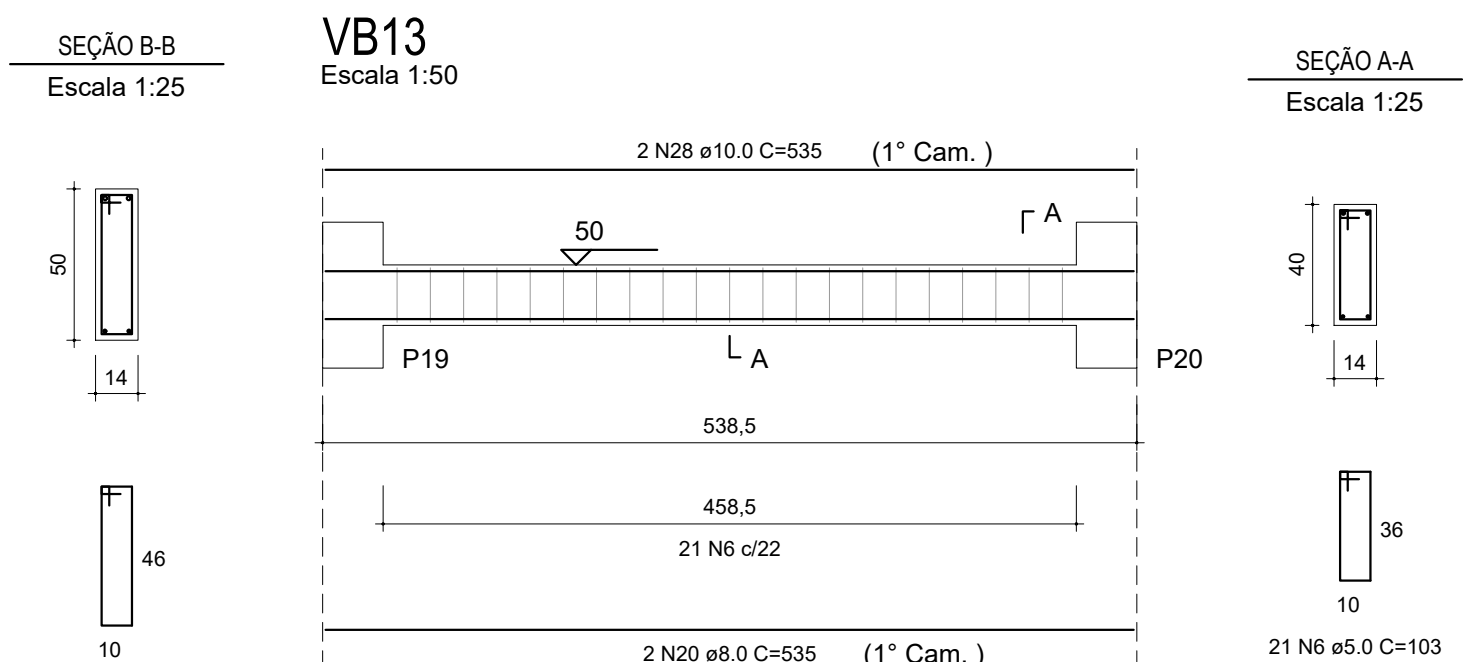
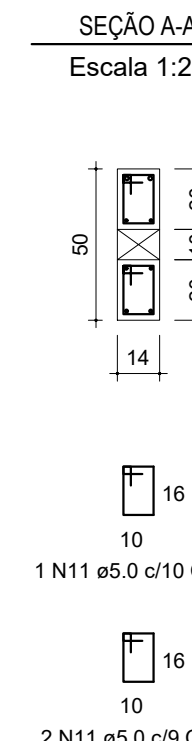
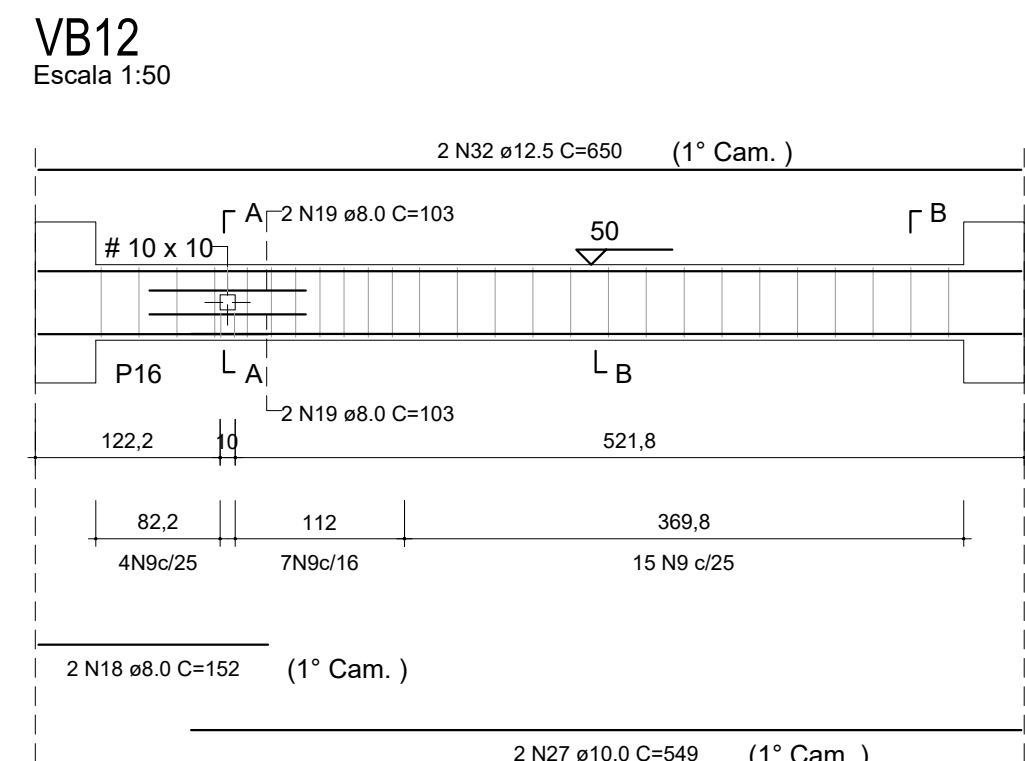
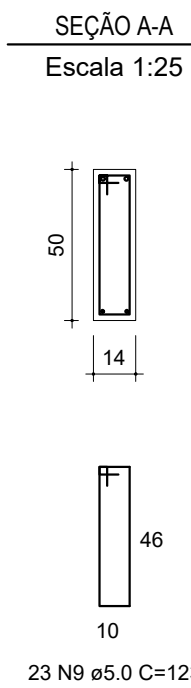
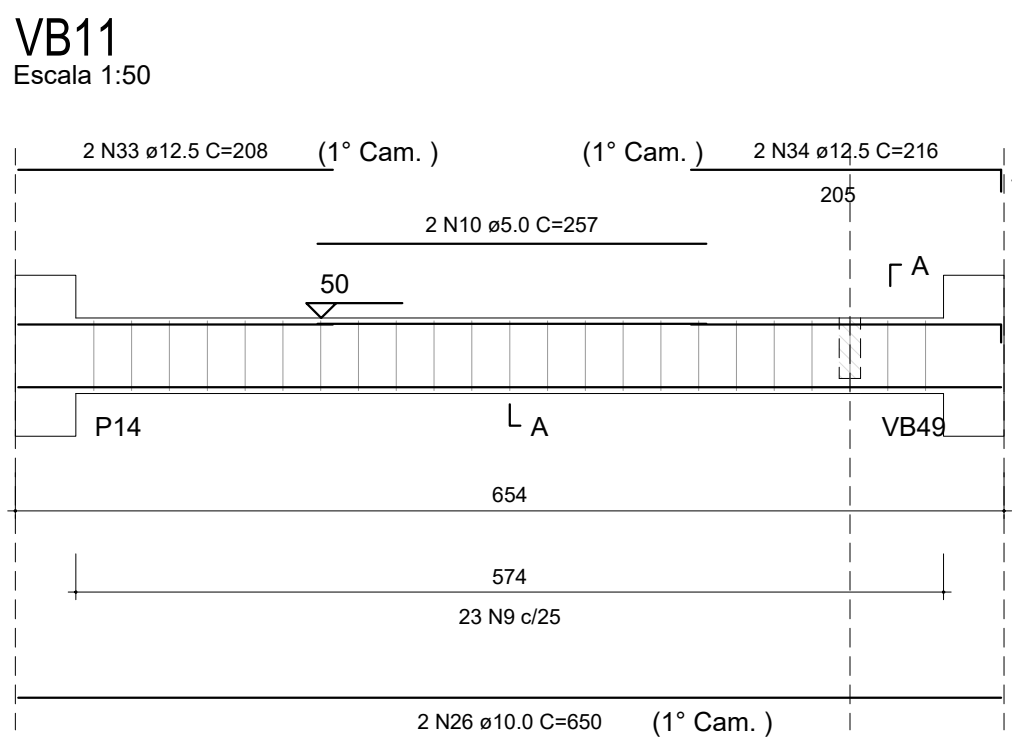
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	68	133	9044
	2	5.0	65	113	7345
	3	5.0	2	196	392
	4	5.0	2	73	146
	5	5.0	6	43	258
	6	5.0	58	103	5974
	7	5.0	2	275	550
	8	5.0	4	93	372
	9	5.0	95	123	11685
	10	5.0	2	257	514
CA50	11	5.0	3	63	189
	12	5.0	2	128	256
	13	8.0	2	101	202
	14	8.0	2	83	166
	15	8.0	2	275	550
	16	8.0	4	72	288
	17	8.0	4	96	384
	18	8.0	2	152	304
	19	8.0	4	103	412
	20	8.0	2	535	1070
	21	10.0	4	690	2760
	22	10.0	6	271	1626
	23	10.0	4	305	1220
	24	10.0	2	275	550
	25	10.0	2	123	246
	26	10.0	6	650	3900
	27	10.0	2	549	1098
	28	10.0	2	535	1070
	29	10.0	2	625	1250
	30	10.0	2	153	306
	31	12.5	8	635	5080
	32	12.5	6	650	3900
	33	12.5	2	208	416
	34	12.5	2	216	432
	35	12.5	2	647	1294
	36	16.0	2	271	542
	37	16.0	2	303	606



AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	8.0	33.8	4	14.7
	10.0	140.3	13	95.1
	12.5	111.2	11	117.9
	16.0	11.5	2	19.9
CA60	5.0	367.3	34	62.3

PESO TOTAL (kg)	
CA50	247.6
CA60	62.3

Volume de concreto (C-30) = 4.99 m³
Área de forma = 73.47 m²



PROJETO		GERÊNCIA DE PROJETOS PEDRO HENRIQUE JUSTINIANO ENG. CIVIL
COORDENAÇÃO DE PROJETOS ALOISIO CAETANO FERREIRA CREA: MG-97.132/D		RESPONSÁVEL TÉCNICO ENG. CIVIL FLÁVIA C. BARBOSA CREA: MG-187.842/D
PROJETO ENG. CIVIL WILLIAM BARADEL LARI		DESENHO ENG. CIVIL WILLIAM BARADEL LARI
EMPREENDIMENTO CONSTRUÇÃO DA CRECHE BEIRA RIO		
ENDEREÇO RUA MARCOS FLÁVIO E DIAS, B. JARDIM BEIRA RIO SANTA RITA DO SAPUCAÍ - MINAS GERAIS		DISCIPLINA ESTRUTURA
ASSUNTO PROJETO ESTRUTURAL EM CONCRETO ARMADO BLOCO III - DETALHAMENTO DAS VIGAS BALDRAME		FASE DO PROJETO EXECUTIVO
FOLHA Nº.		26
DATA INICIAL 02/02/2022	ESCALA INDICADA	REVISÃO R00
ARQUIVO DAC-PMSRS-CBR-PE-EST-R00.DWG		