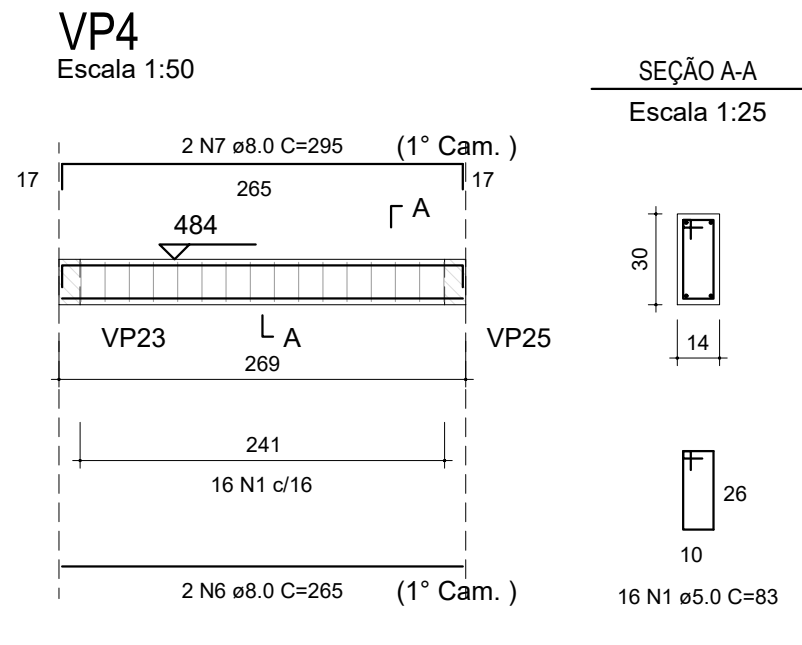
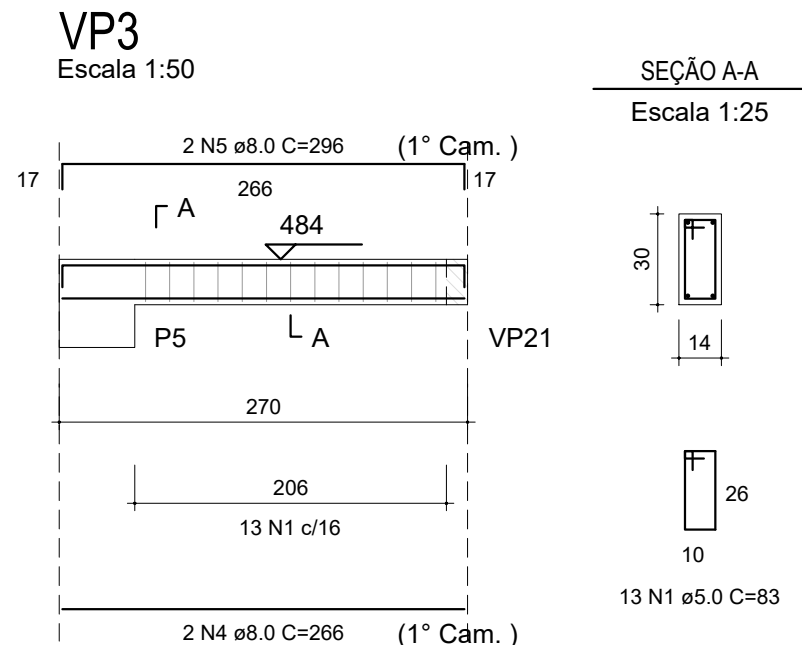
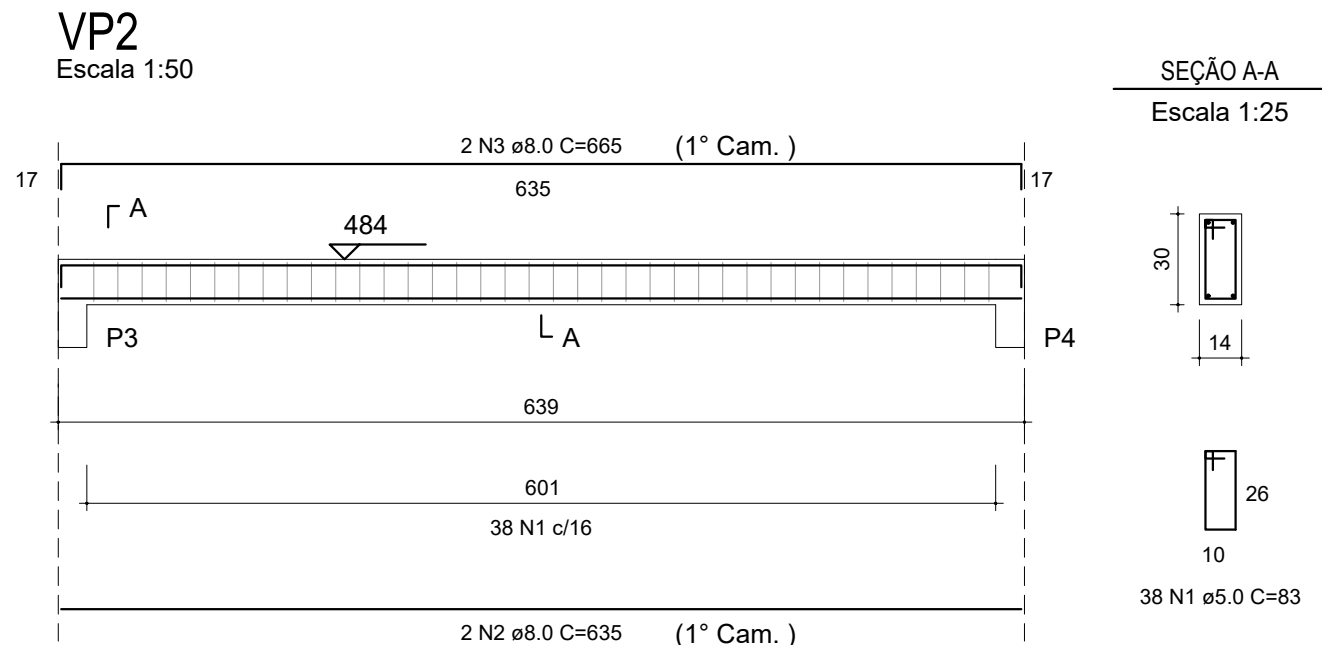
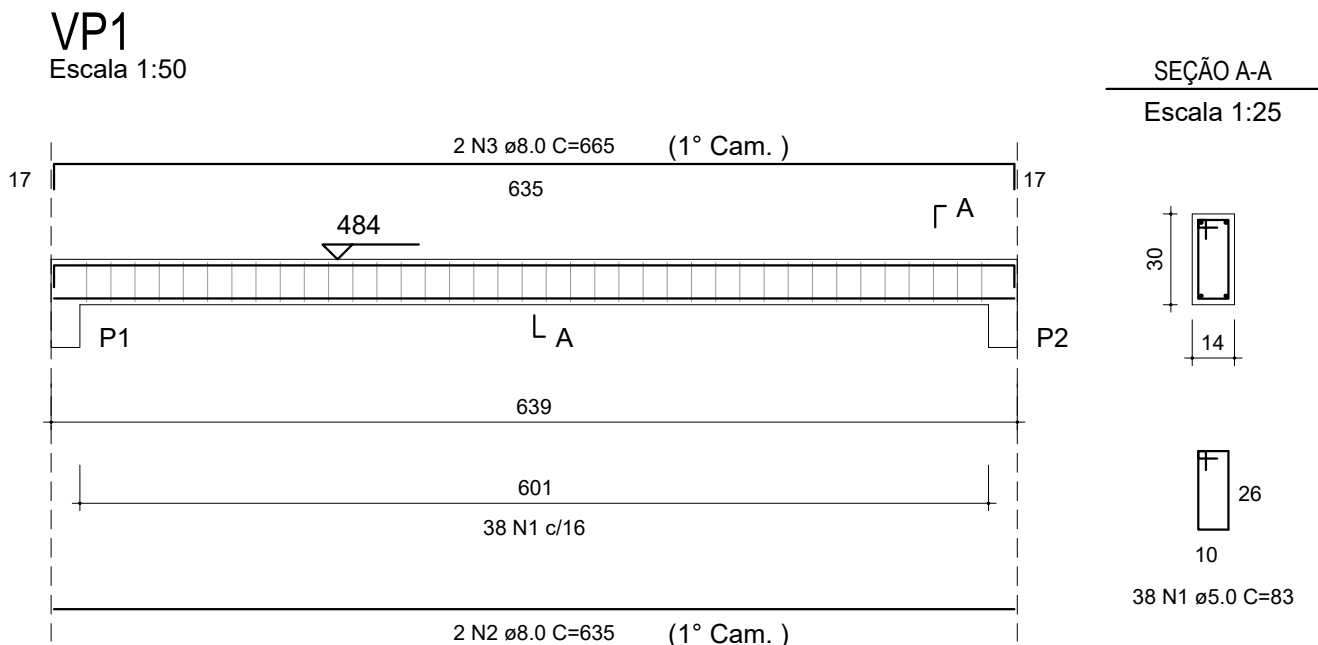


PROJETO ESTRUTURAL - CRECHE BEIRA RIO

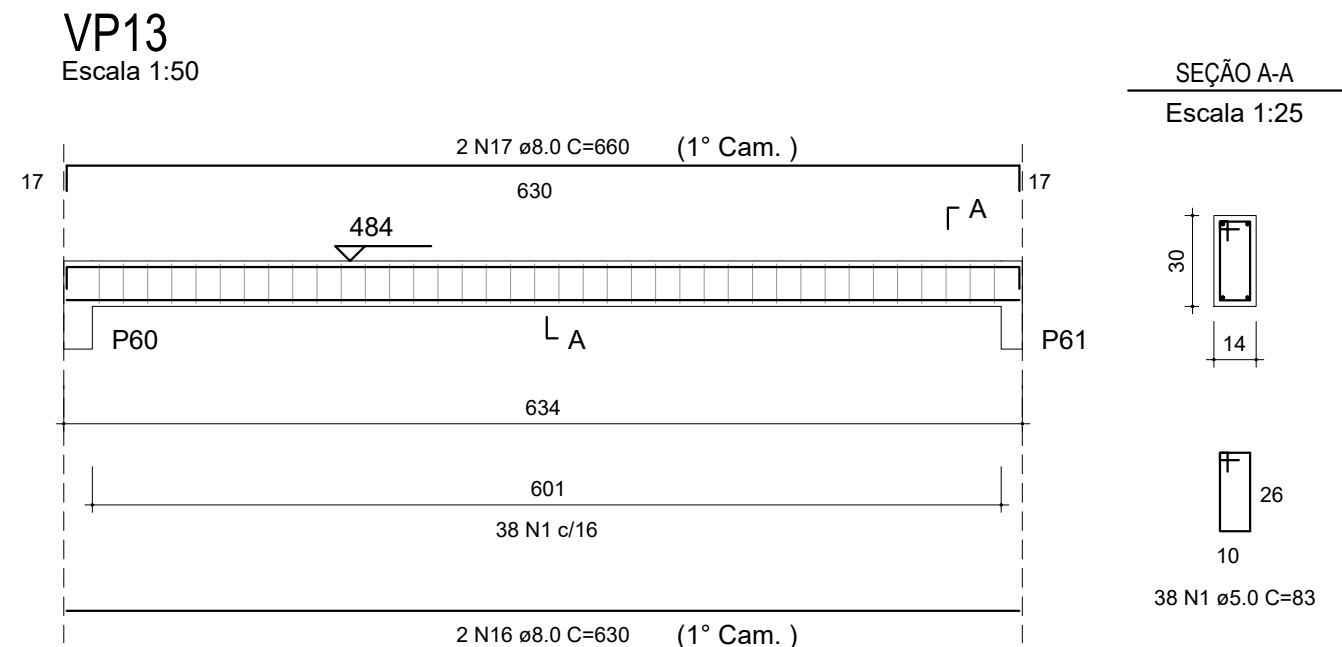
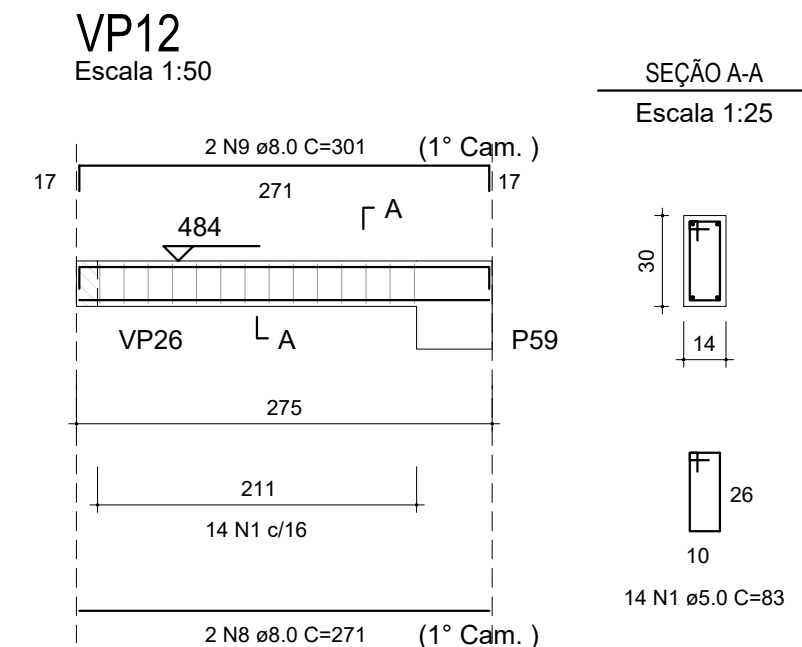
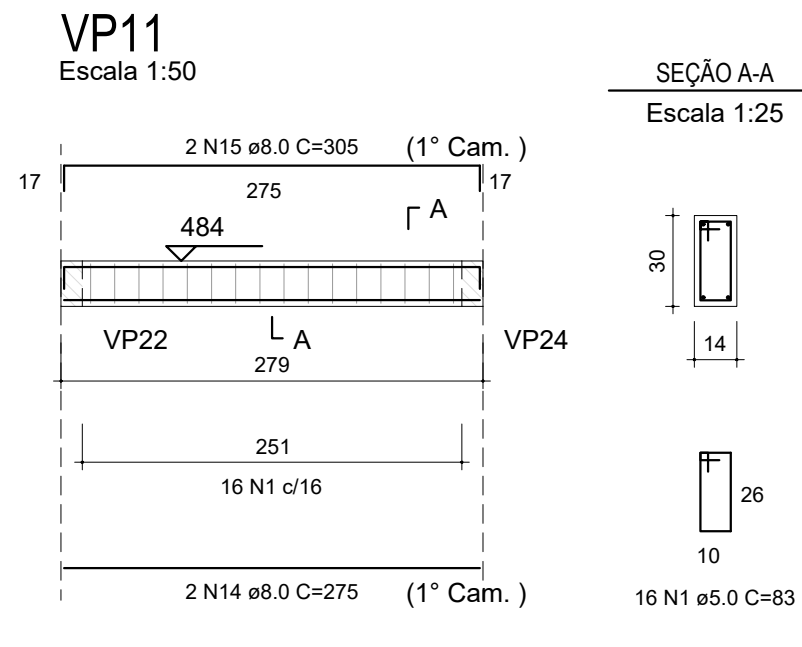
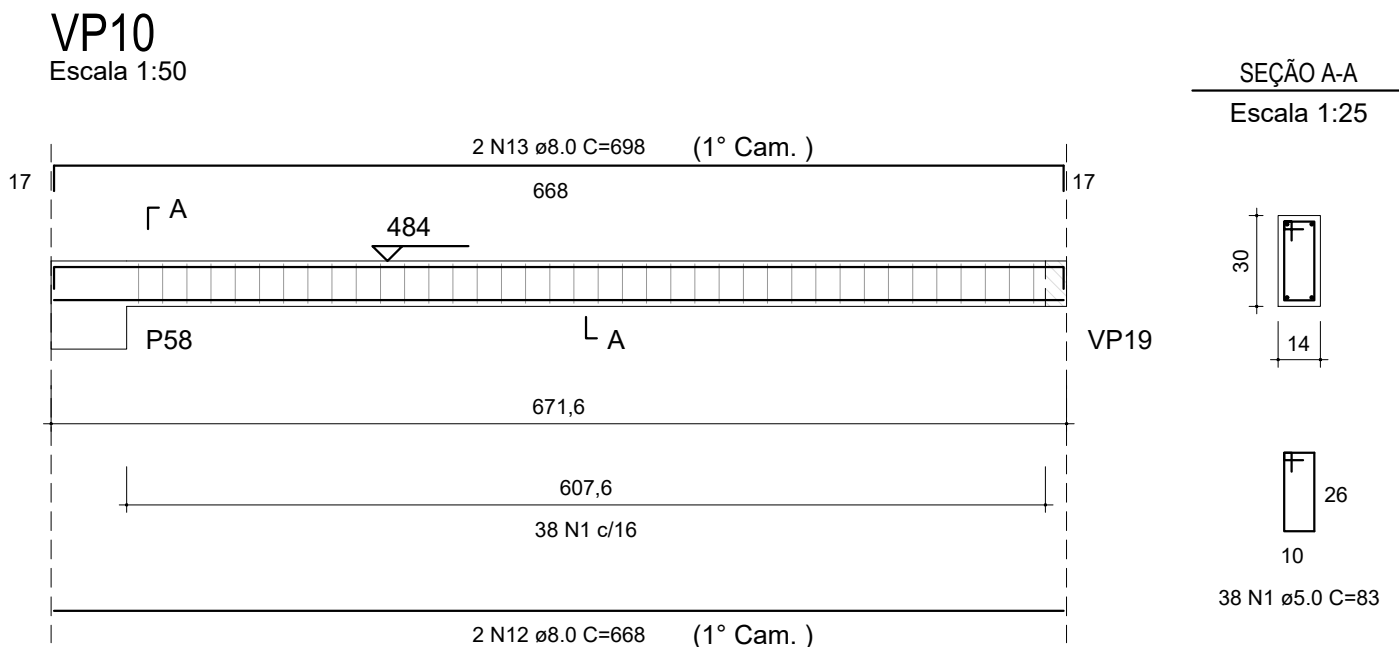
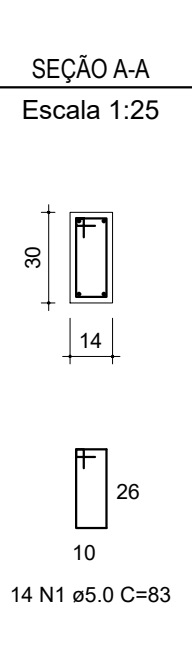
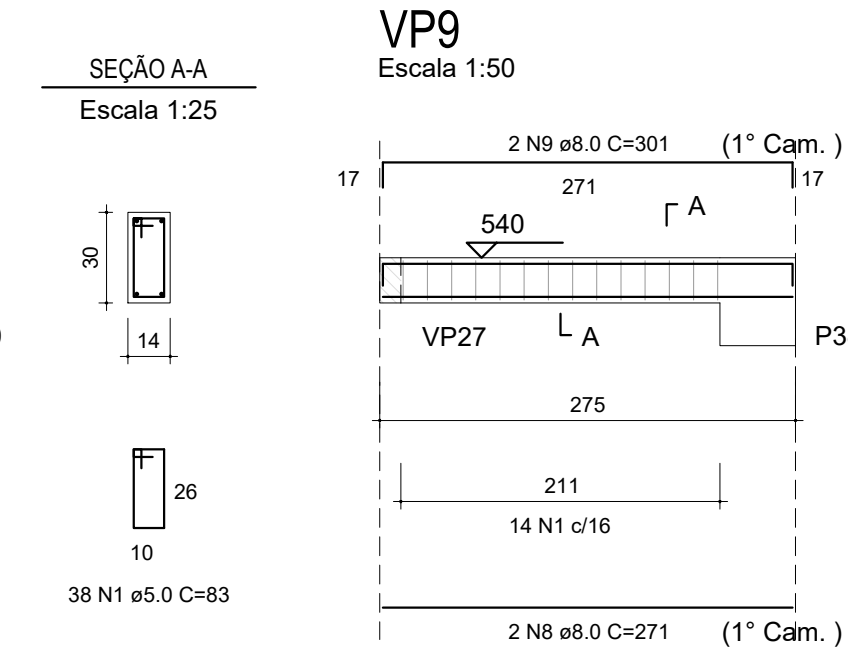
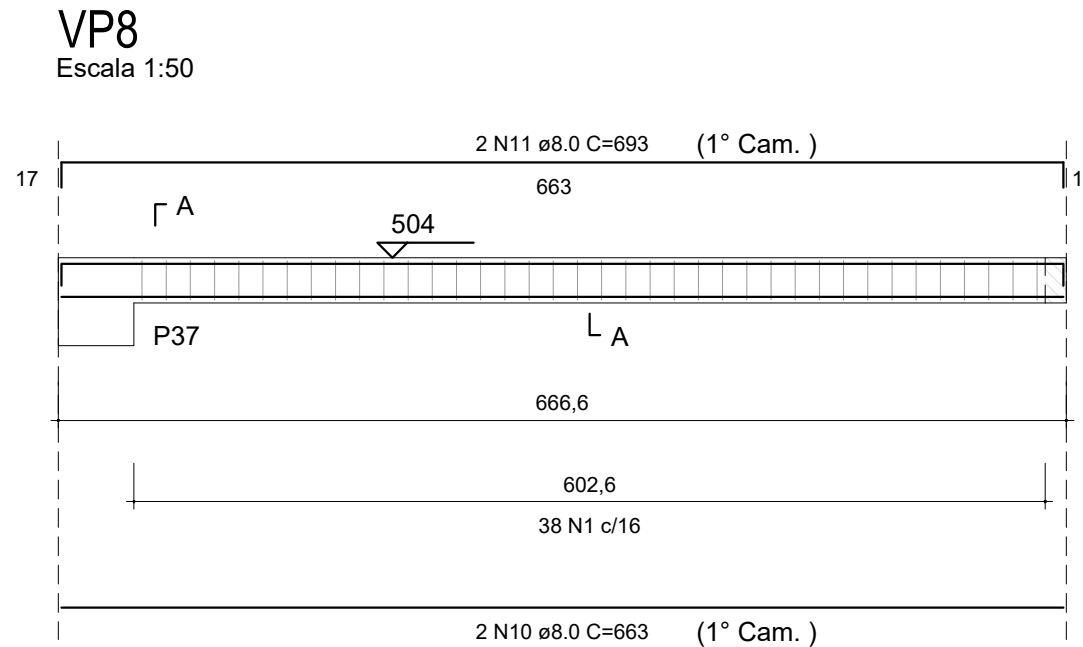
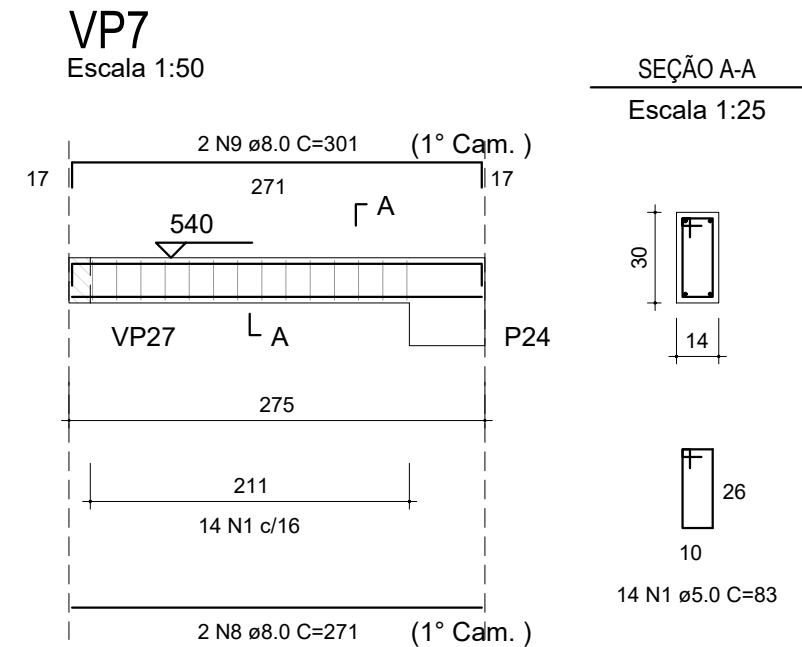
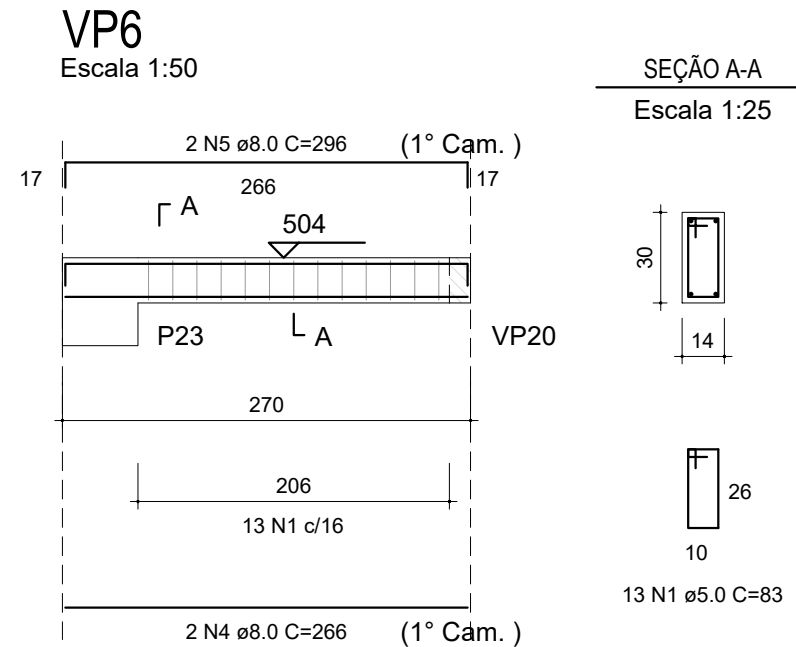
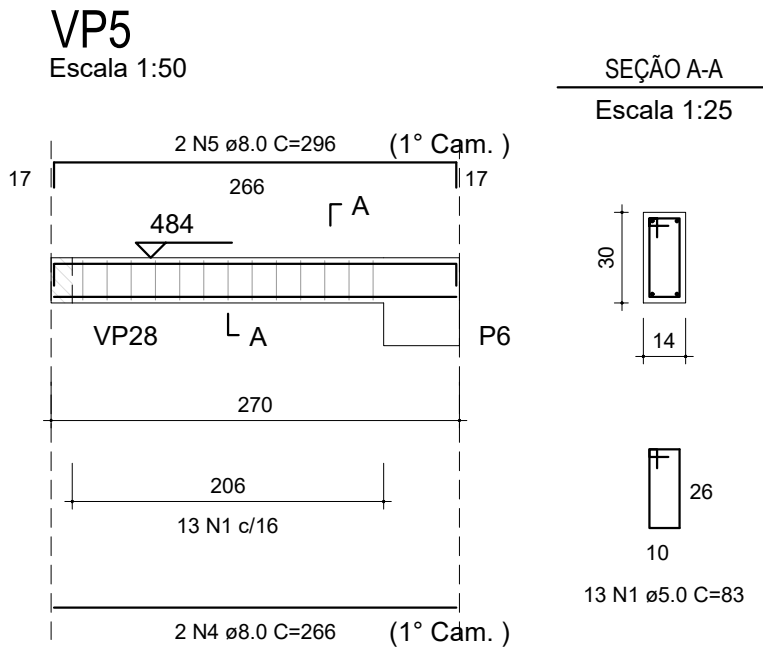
Escala indicada



RELAÇÃO DO AÇO

VP1	VP2	VP3
VP4	VP5	VP6
VP7	VP8	VP9
VP10	VP11	VP12
VP13	VP14	VP15
VP16	VP17	VP18
VP19		

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	501	83	41583
CA50	2	8.0	4	635	2540
	3	8.0	4	665	2660
	4	8.0	6	266	1596
	5	8.0	6	296	1776
	6	8.0	2	265	530
	7	8.0	2	295	590
	8	8.0	6	271	1626
	9	8.0	6	301	1806
	10	8.0	2	663	1326
	11	8.0	2	693	1386
	12	8.0	2	668	1336
	13	8.0	2	698	1396
	14	8.0	2	275	550
	15	8.0	2	305	610
	16	8.0	2	630	1260
	17	8.0	2	660	1320
	18	8.0	2	625	1250
	19	8.0	2	655	1310
	20	8.0	2	822	1644
	21	8.0	2	547	1094
	22	8.0	2	1198	2396
	23	8.0	2	181	362
	24	8.0	4	530	2120
	25	8.0	4	560	2240
	26	8.0	2	285	570
	27	8.0	2	315	630
	28	10.0	2	120	240
	29	10.0	2	150	300



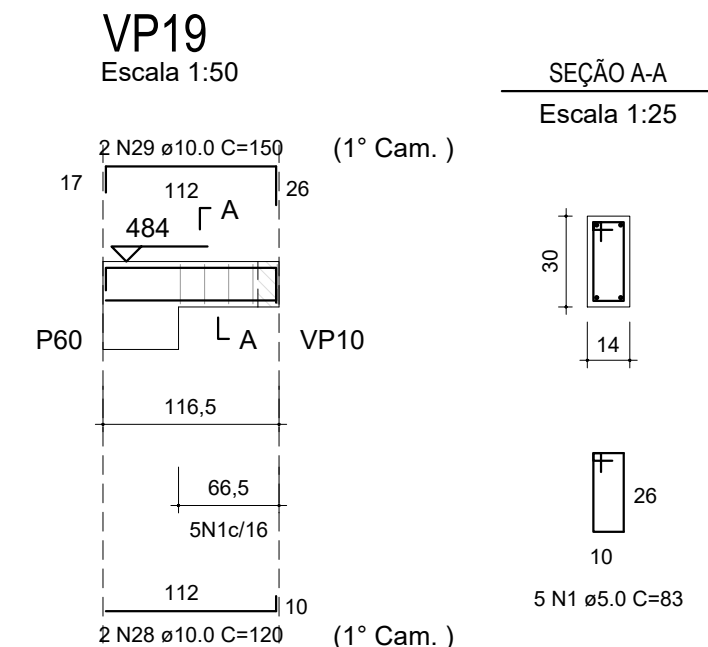
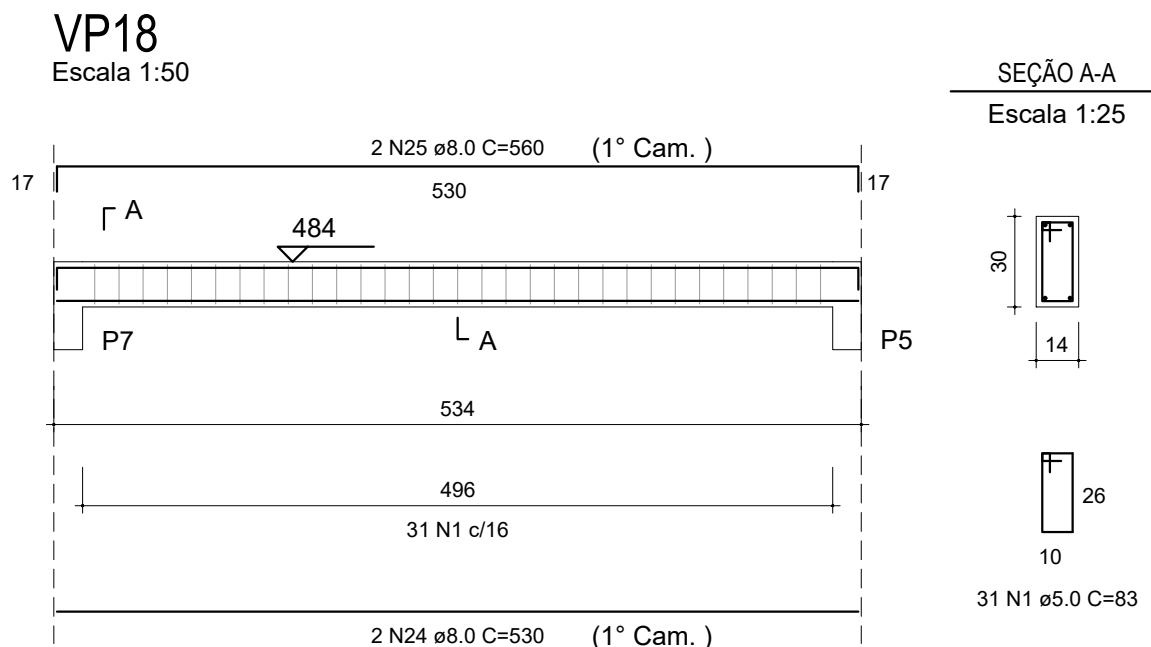
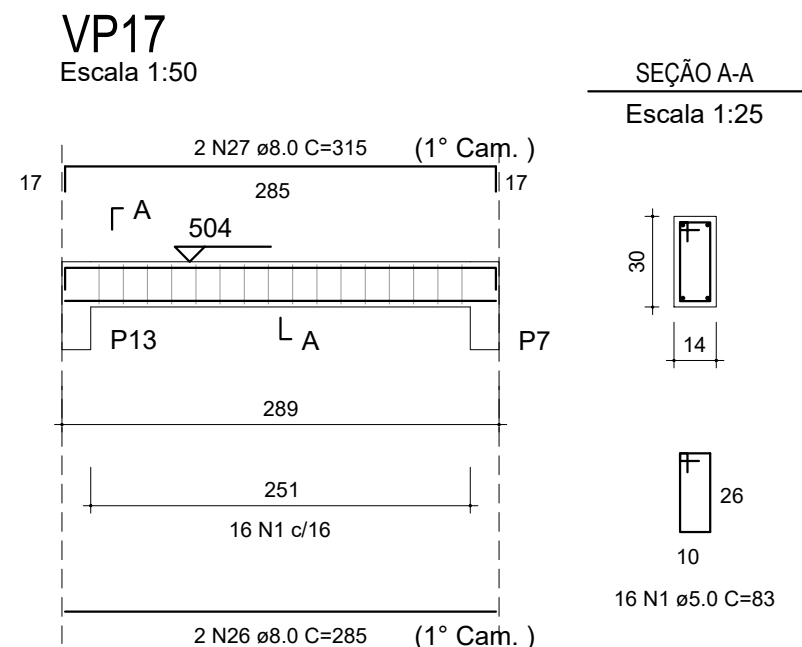
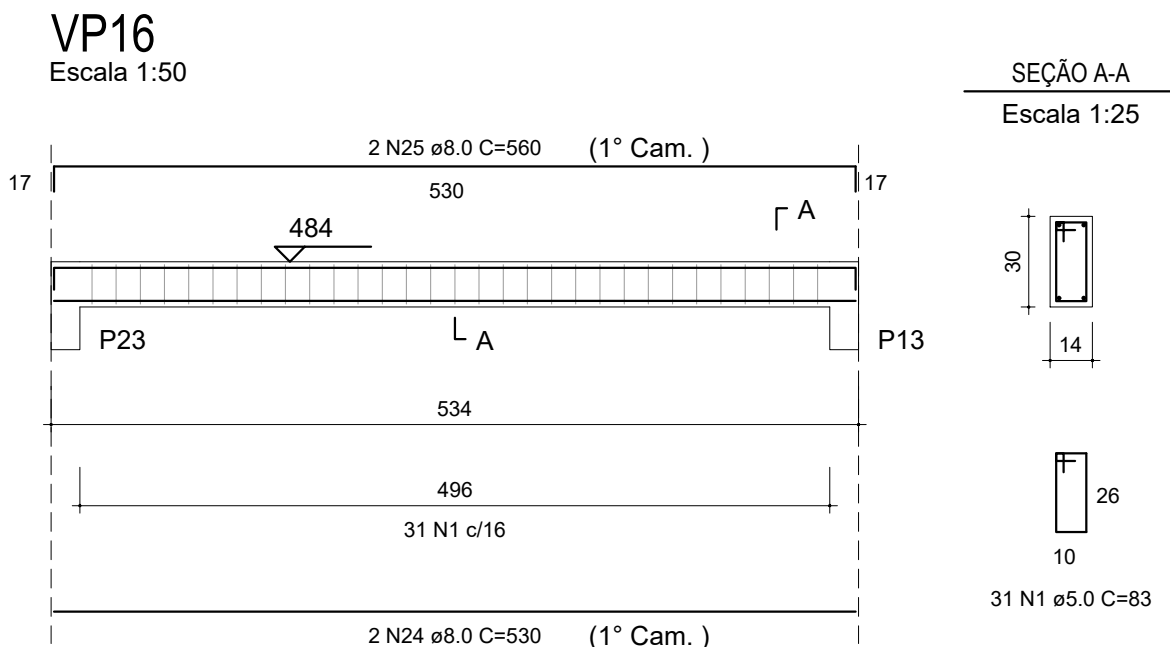
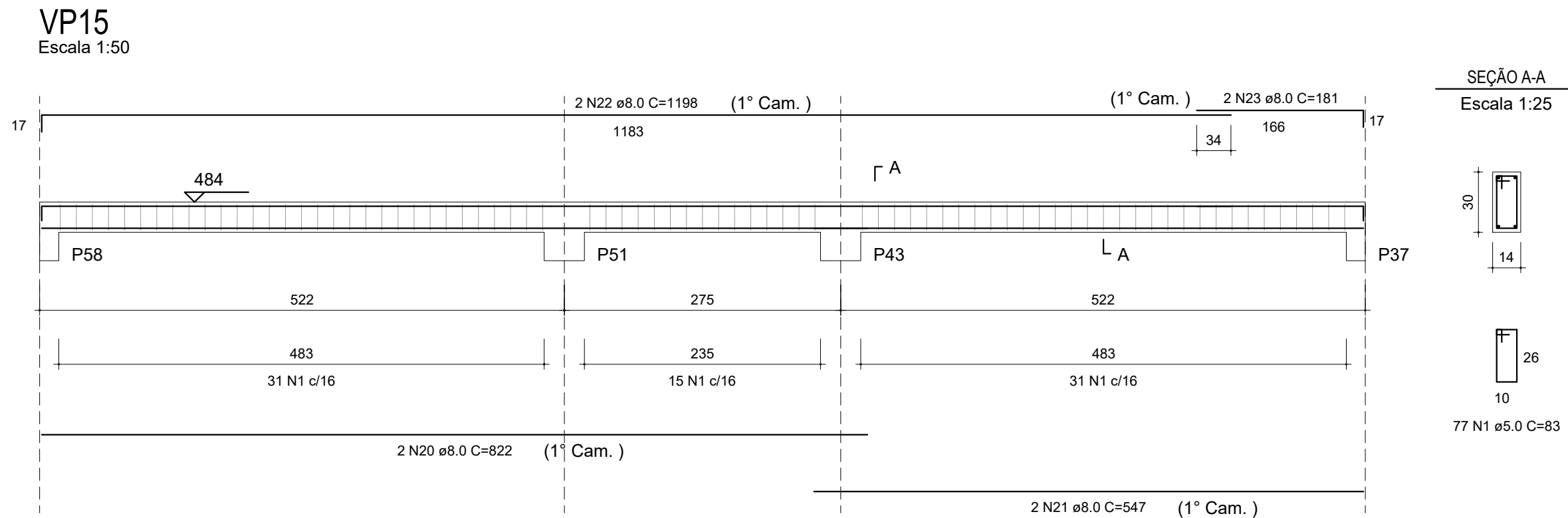
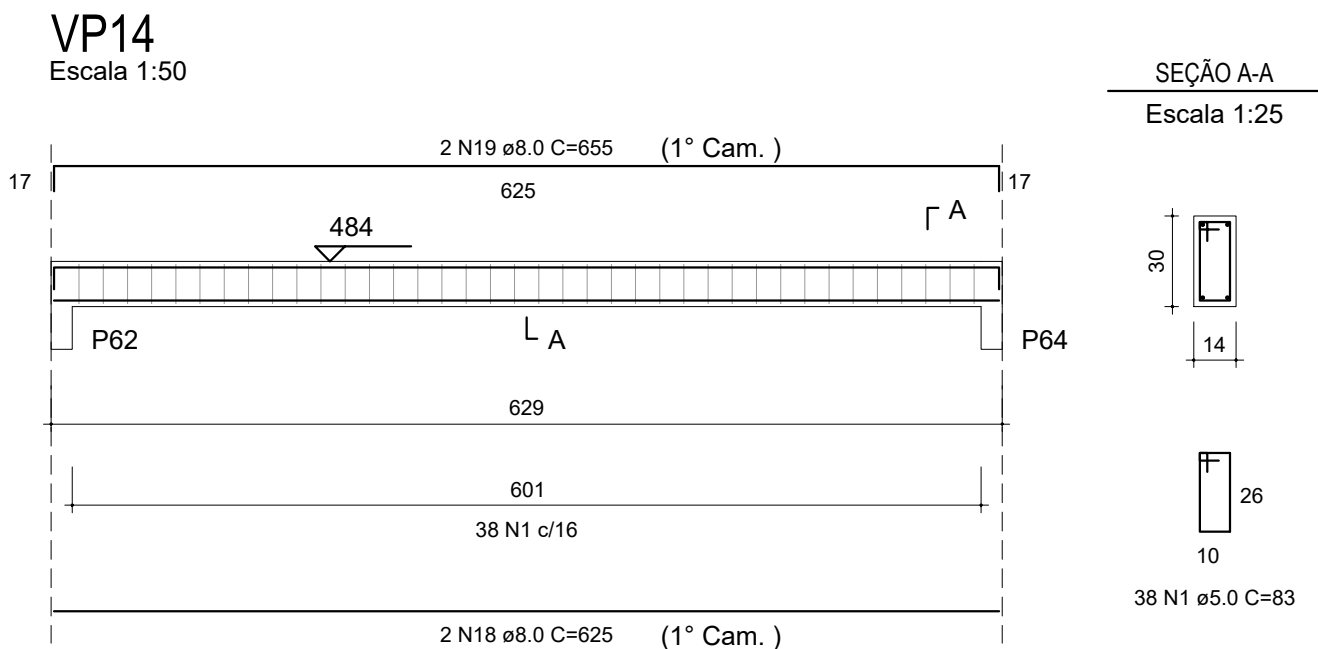
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	8.0	359.2	33	155.9
CA60	10.0	5.4	1	3.7
CA60	5.0	415.8	39	70.5

PESO TOTAL (kg)

CA50	159.6
CA60	70.5

Volume de concreto (C-30) = 3.72 m³
Área de forma = 65.52 m²



REV. 00		02/02/22	EMISSÃO INICIAL	DAC
REVISÃO		DATA	DESCRIÇÃO	RESP.
				
PROJETO		GERÊNCIA DE PROJETOS PEDRO HENRIQUE JUSTINIANO ENG. CIVIL		
COORDENAÇÃO DE PROJETOS ALOISIO CAETANO FERREIRA CREA: MG-97.132/D		RESPONSÁVEL TÉCNICO ENGR. CIVIL FLÁVIA C. BARBOSA CREA: MG-187.842/D		
PROJETO ENGR. CIVIL WILLIAM BARADEL LARI		DESENHO ENGR. 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 DE COBERTURA		FASE DO PROJETO EXECUTIVO		
DATA INICIAL 02/02/2022		ESCALA INDICADA		REVISÃO R00
ARGUÍVIO DAC-PMSRS-CBR-PE-EST-R00.DWG		FOLHA Nº. 38		