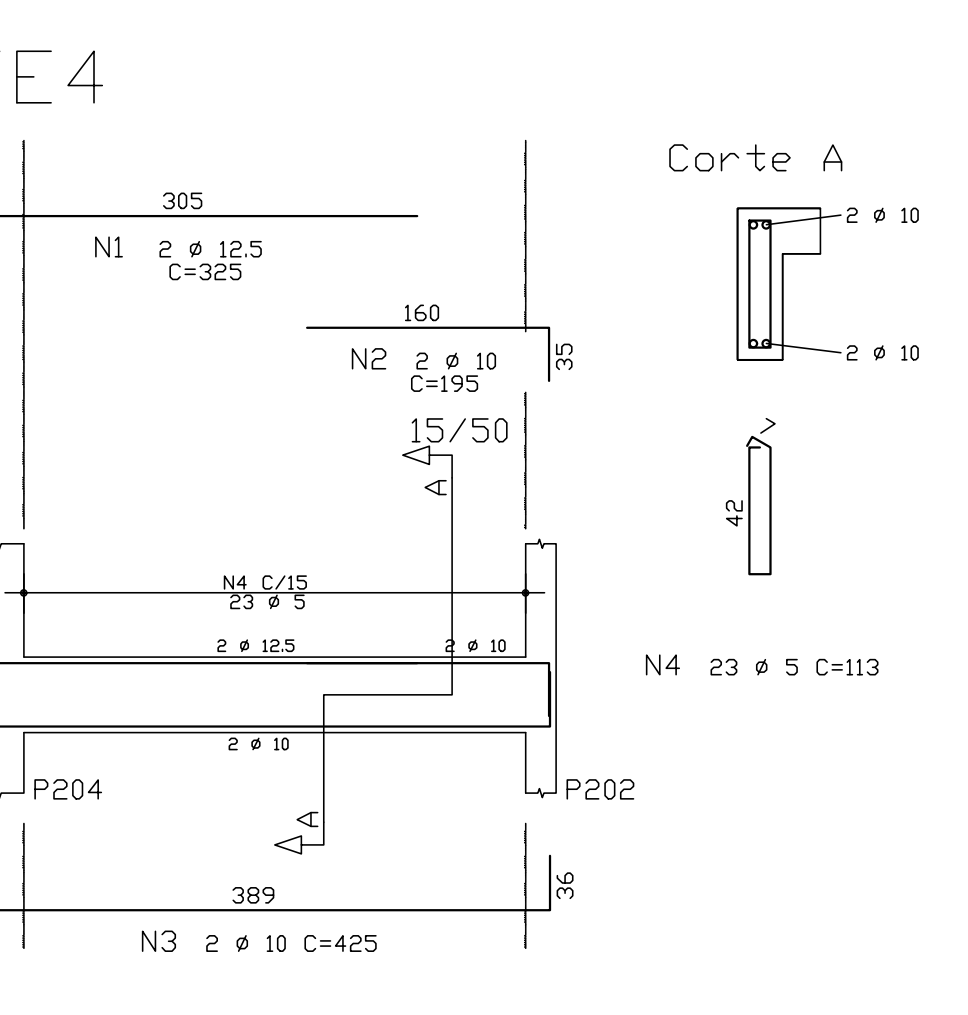
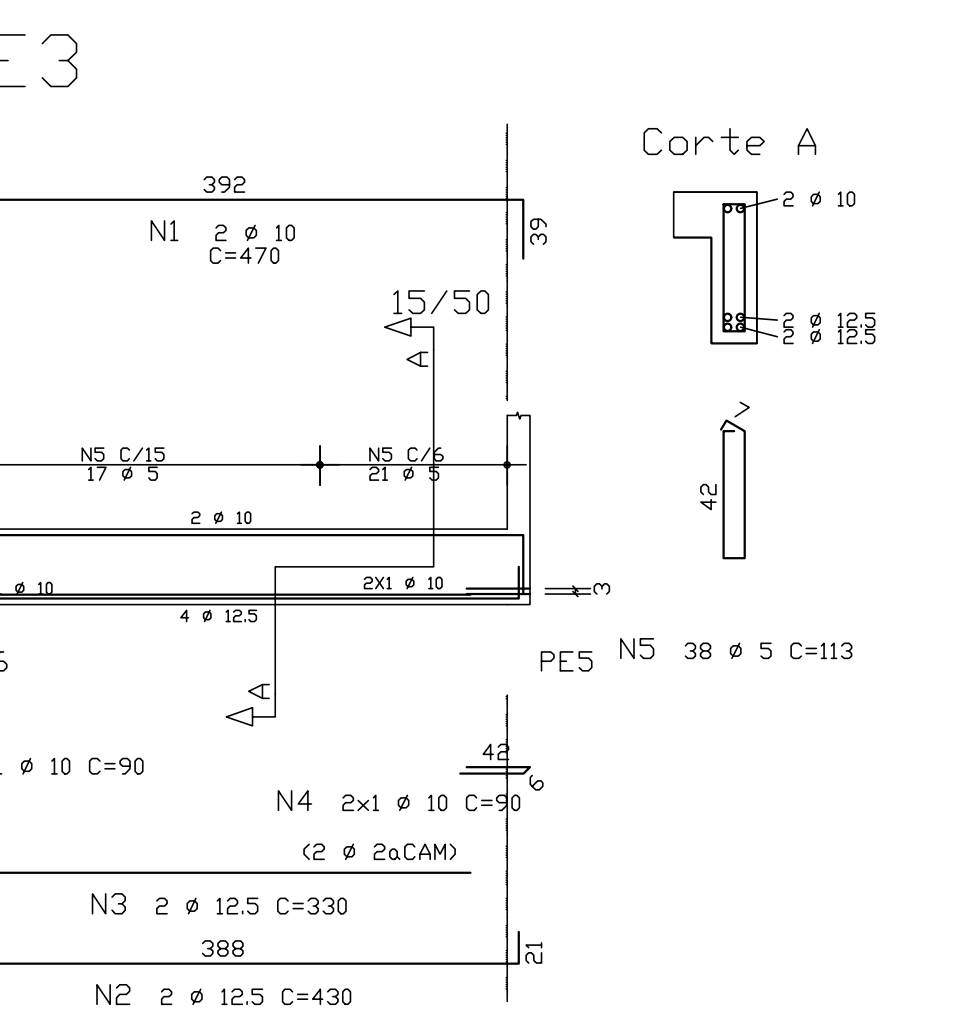
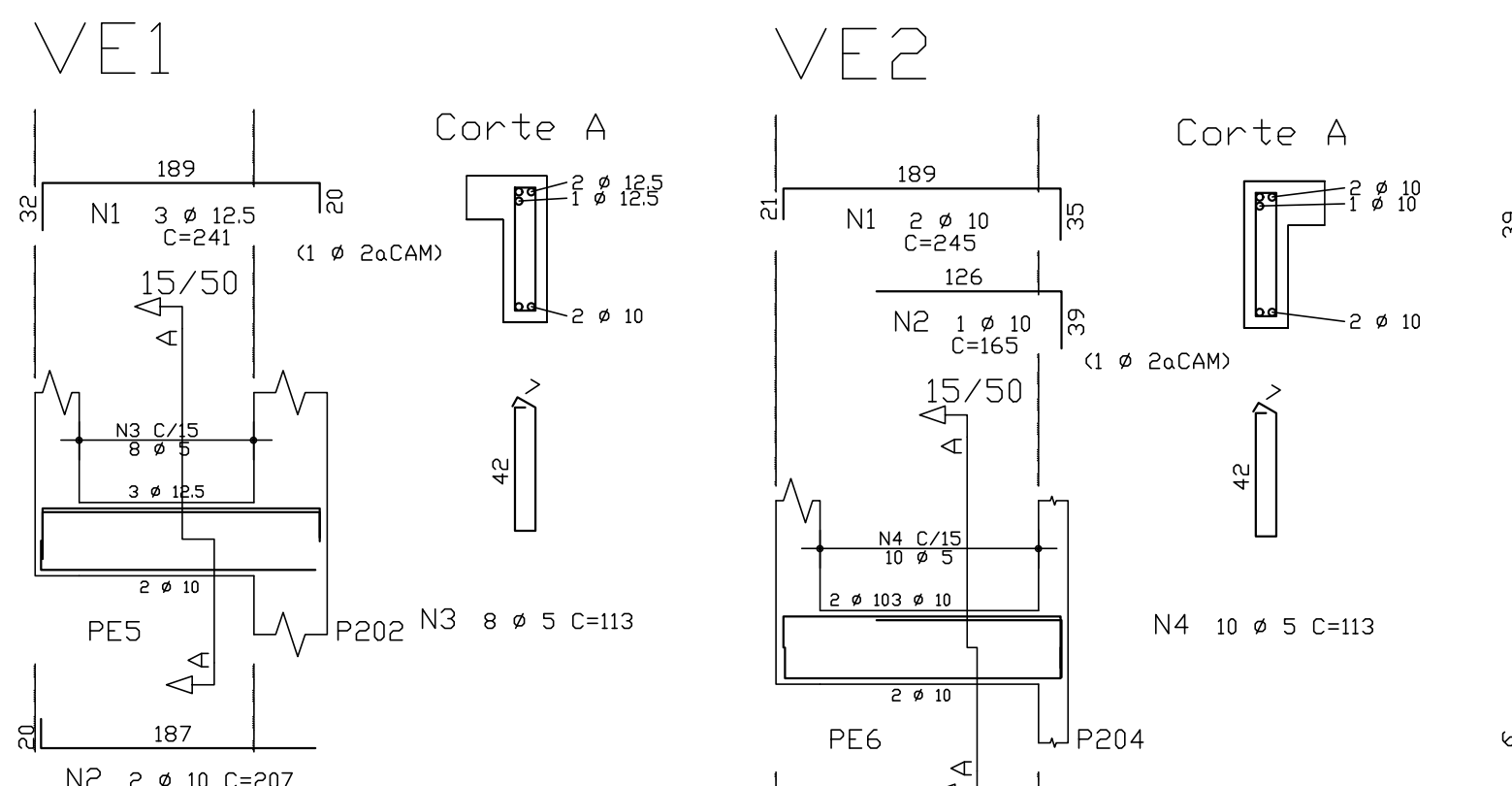
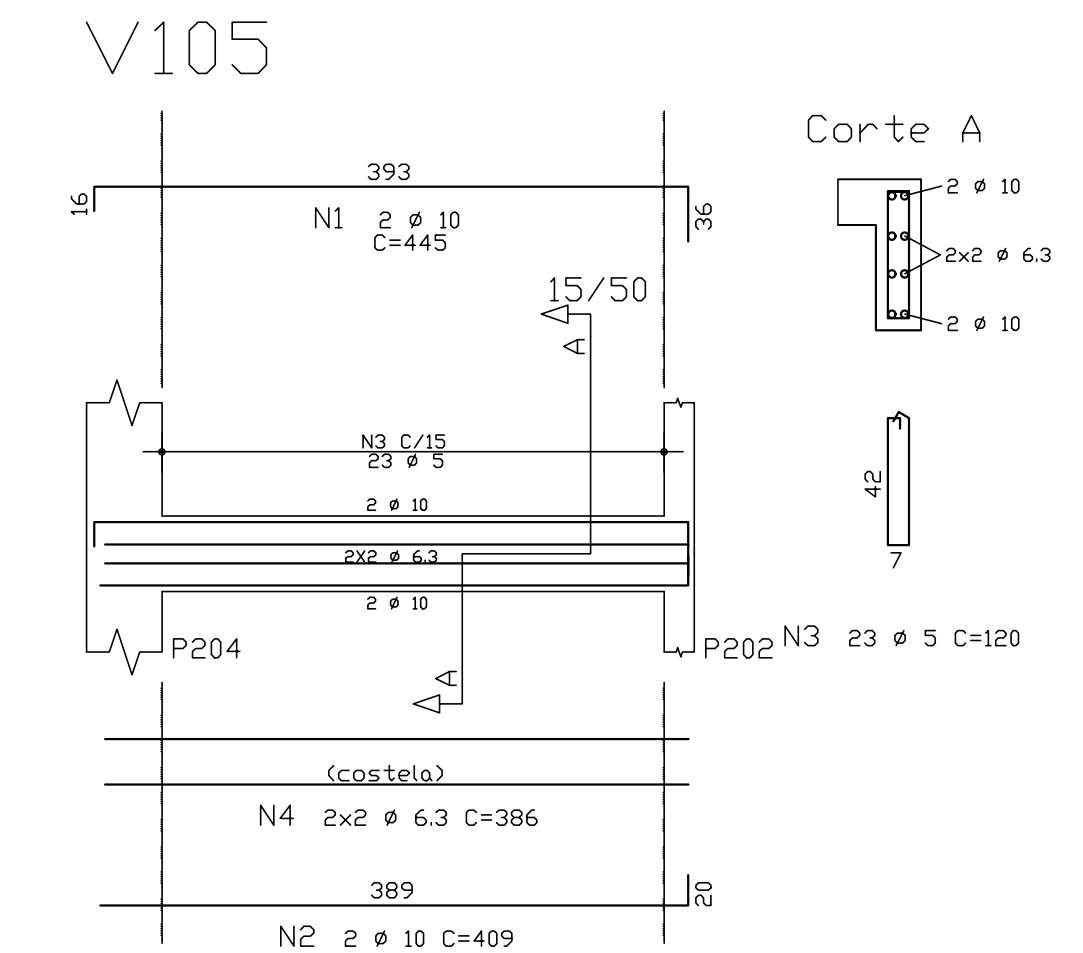
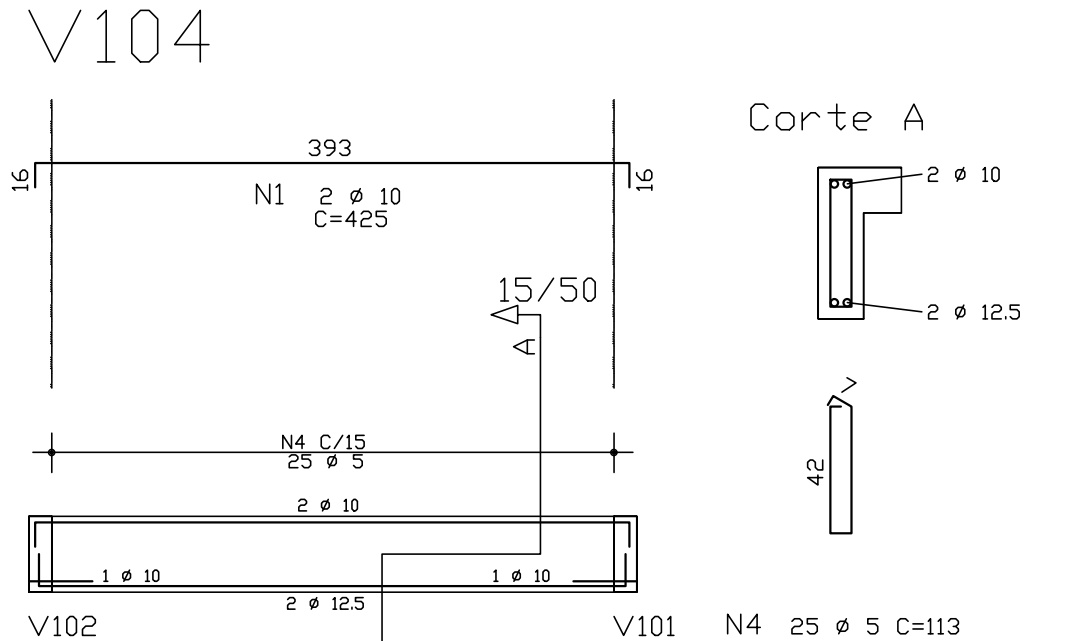
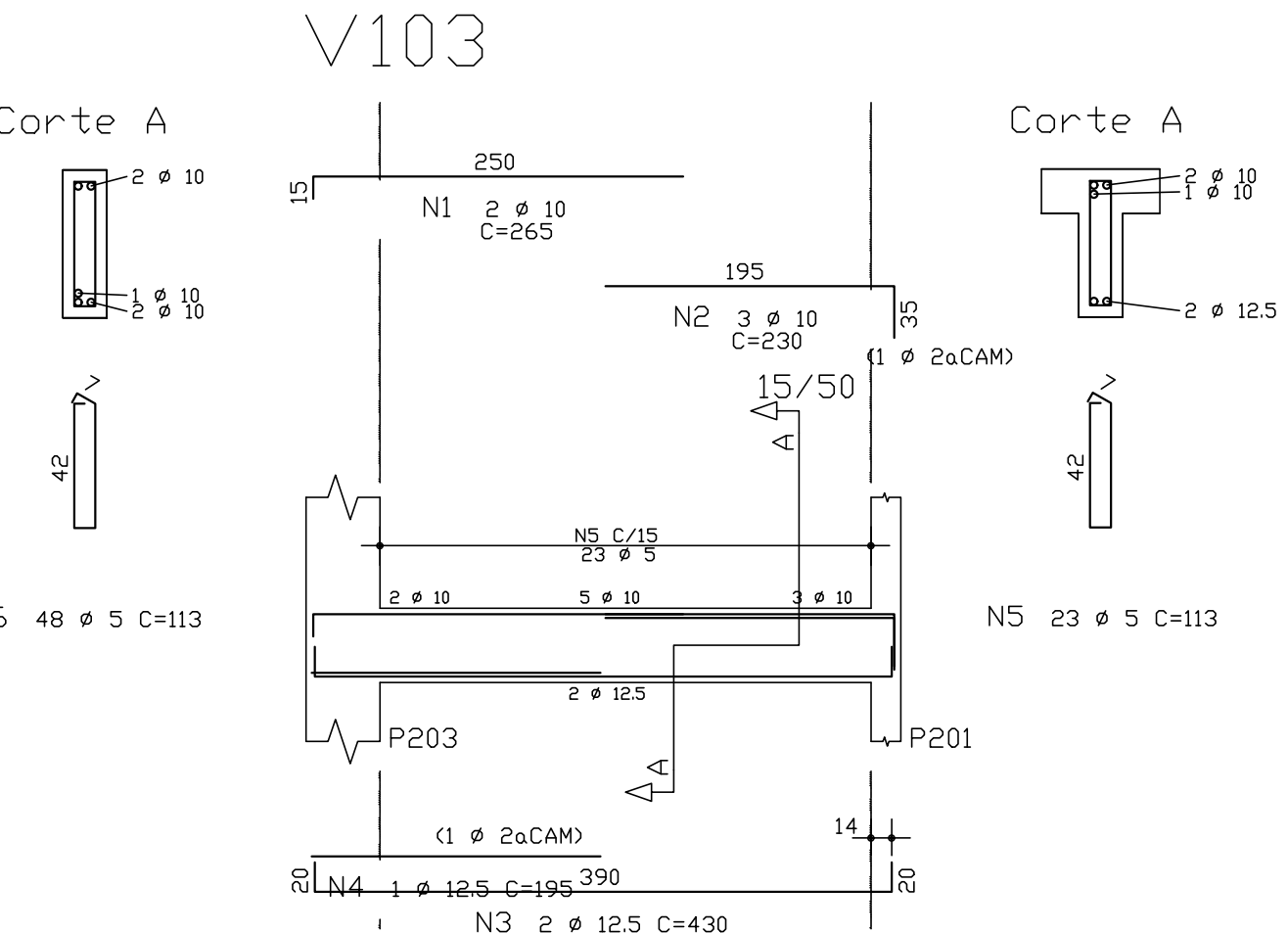
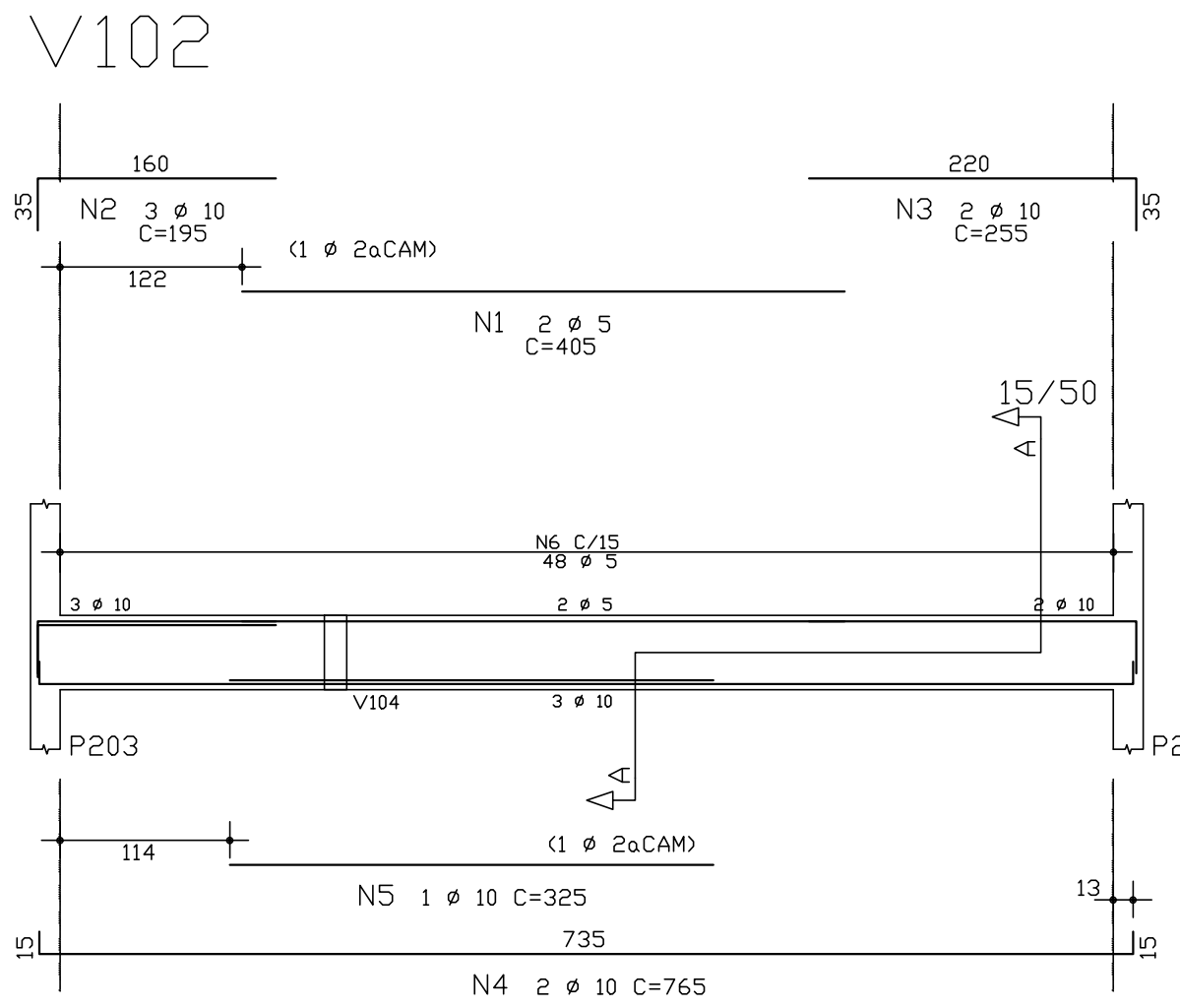
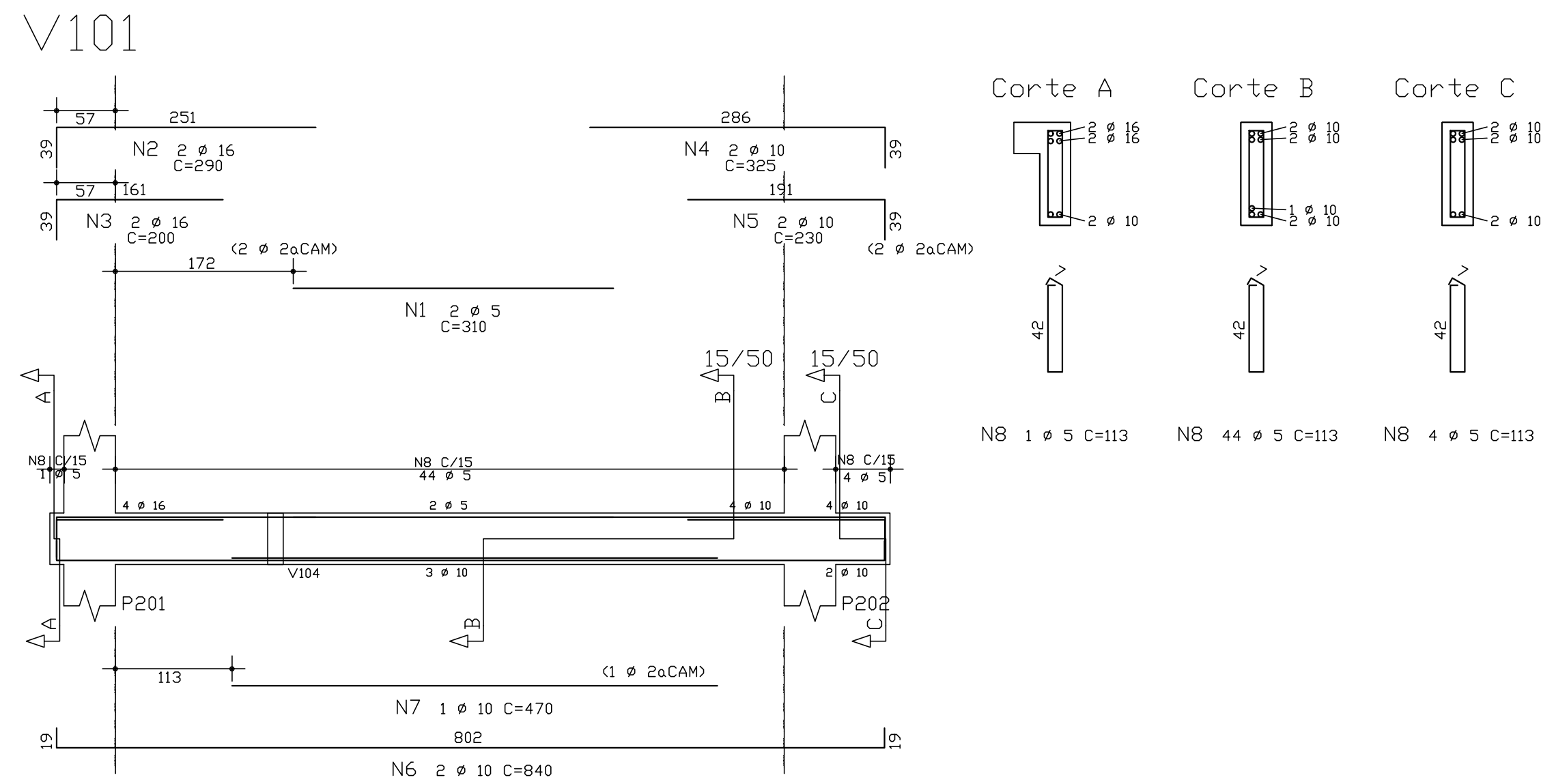
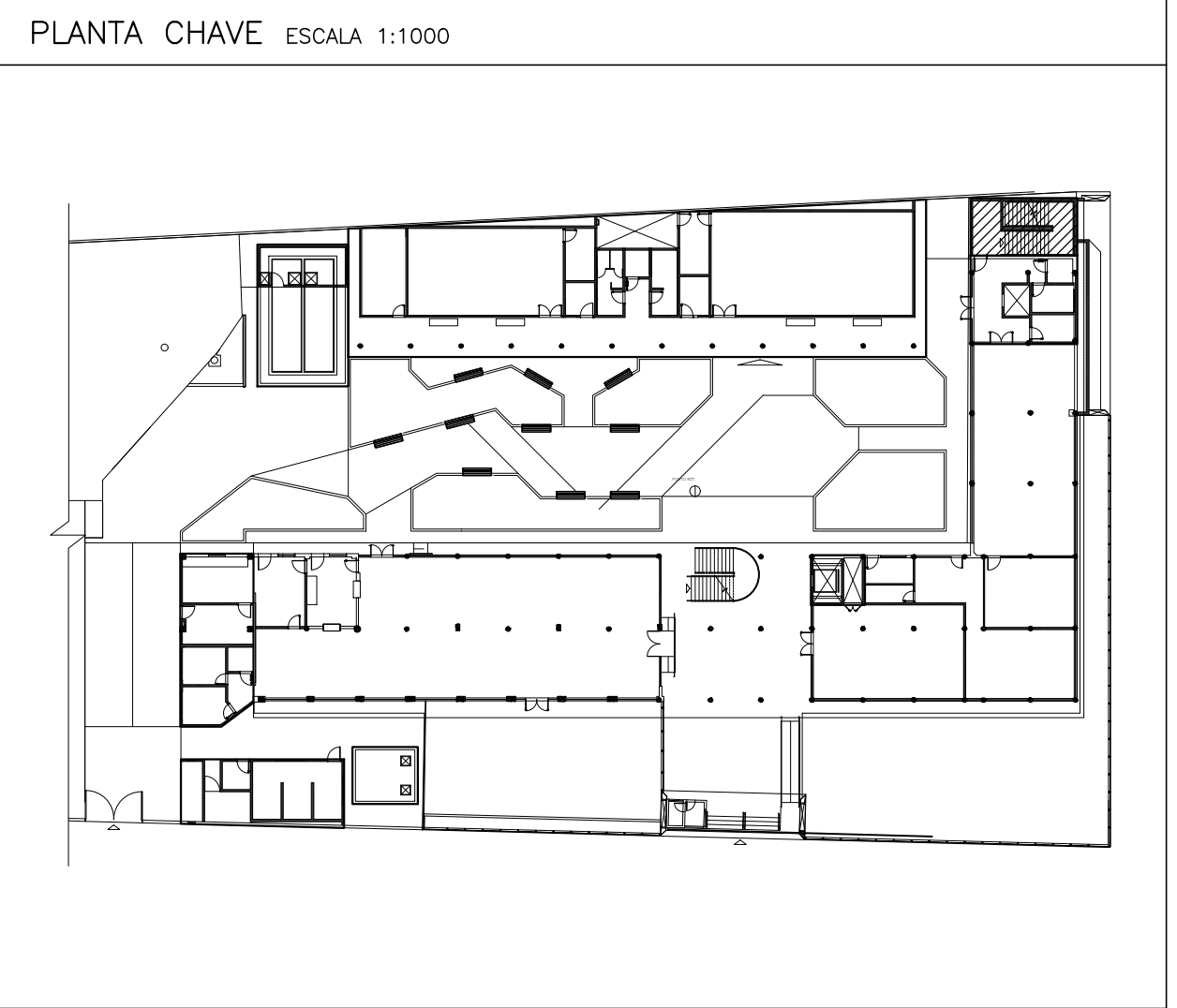


PAV. TÉCNICO						
ACØ	PDS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	TOTAL (cm)	
V101						
60B	1	5	2	310	620	
50A	2	16	4	290	580	
50A	3	16	4	200	400	
50A	4	16	4	325	650	
50A	5	10	1	230	460	
50A	6	10	1	840	1680	
50A	7	10	1	470	470	
60B	8	5	49	113	5537	
V102						
60B	1	5	2	405	810	
50A	2	10	3	195	585	
50A	3	10	3	295	510	
50A	4	10	2	765	1530	
50A	5	10	1	325	325	
60B	6	5	48	113	5424	
V103						
50A	1	10	2	265	530	
50A	2	10	2	230	460	
50A	3	12,5	2	430	860	
50A	4	12,5	1	195	195	
60B	5	5	23	113	2599	
V104						
50A	1	10	2	425	850	
50A	2	12,5	2	430	860	
50A	3	10	2	90	180	
60B	4	5	23	113	2599	
V105						
50A	1	10	2	445	890	
50A	2	10	2	409	818	
60B	3	5	23	120	2760	
50A	4	6,3	4	286	1144	
VE1						
50A	1	12,5	3	241	723	
50A	2	10	2	207	414	
60B	3	5	8	113	904	
VE2						
50A	1	10	2	245	490	
50A	2	10	2	165	330	
50A	3	10	2	230	460	
60B	4	5	10	113	1130	
VE3						
50A	1	10	2	470	940	
50A	2	12,5	2	430	860	
50A	3	12,5	2	330	660	
60B	5	5	38	113	4294	
VE4						
50A	1	12,5	2	225	450	
50A	2	10	2	195	390	
50A	3	10	2	445	890	
60B	4	5	23	113	2599	

RESUMO AÇO CA 50-60				
ACØ	BIT (mm)	COMPR (m)	PESO (kg)	
60B	5	295	45	
50A	6,3	15	4	
50A	10	141	87	
50A	12,5	48	46	
50A	16	10	15	
Peso Total 60B =			45 kg	
Peso Total 50A =			153 kg	

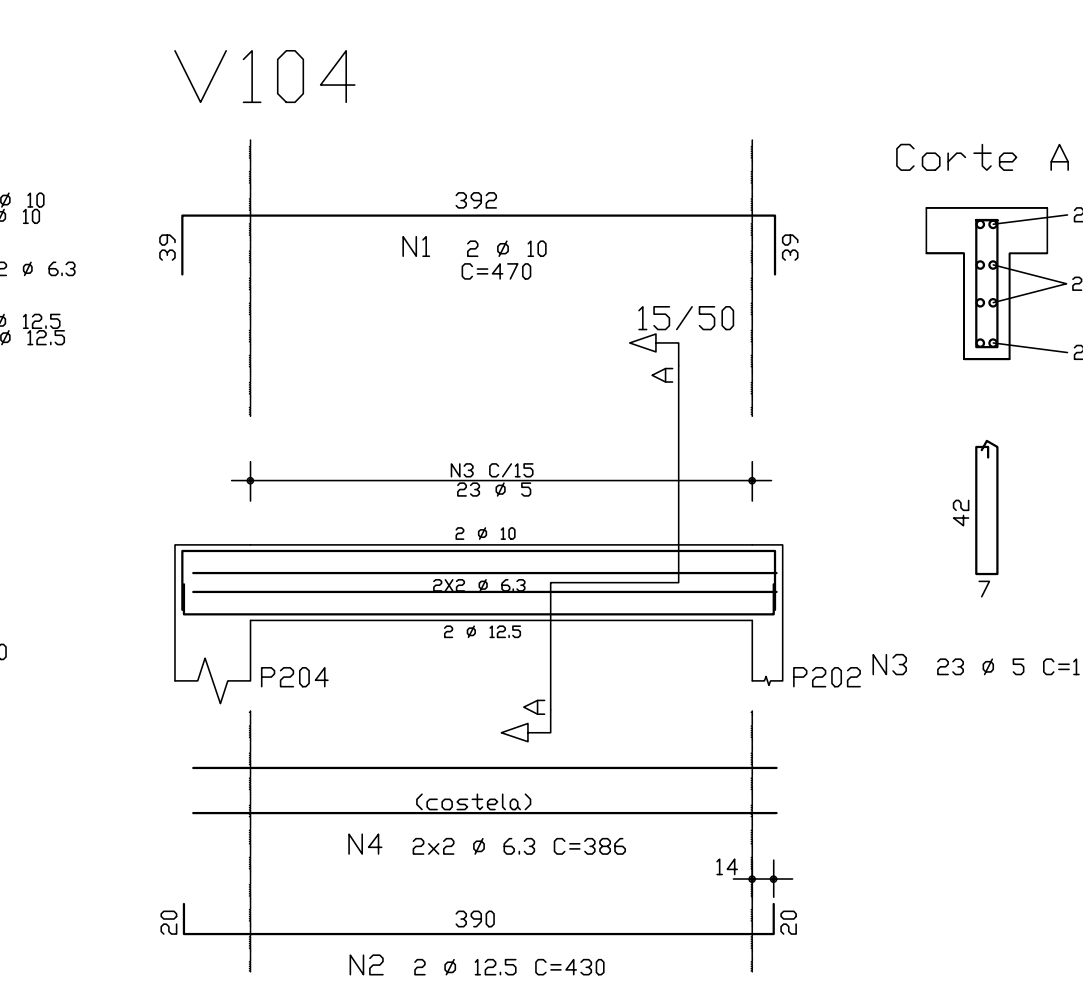
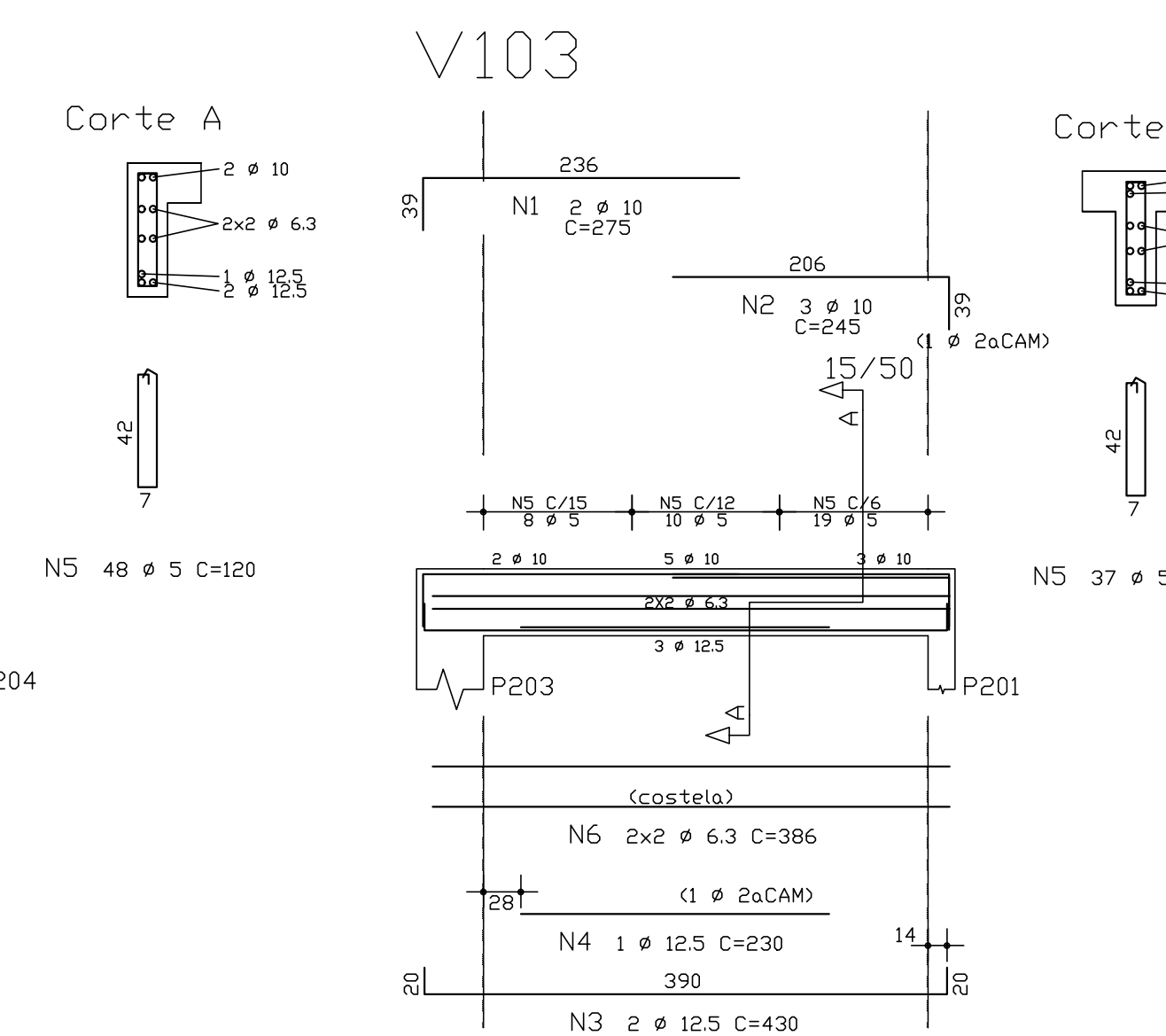
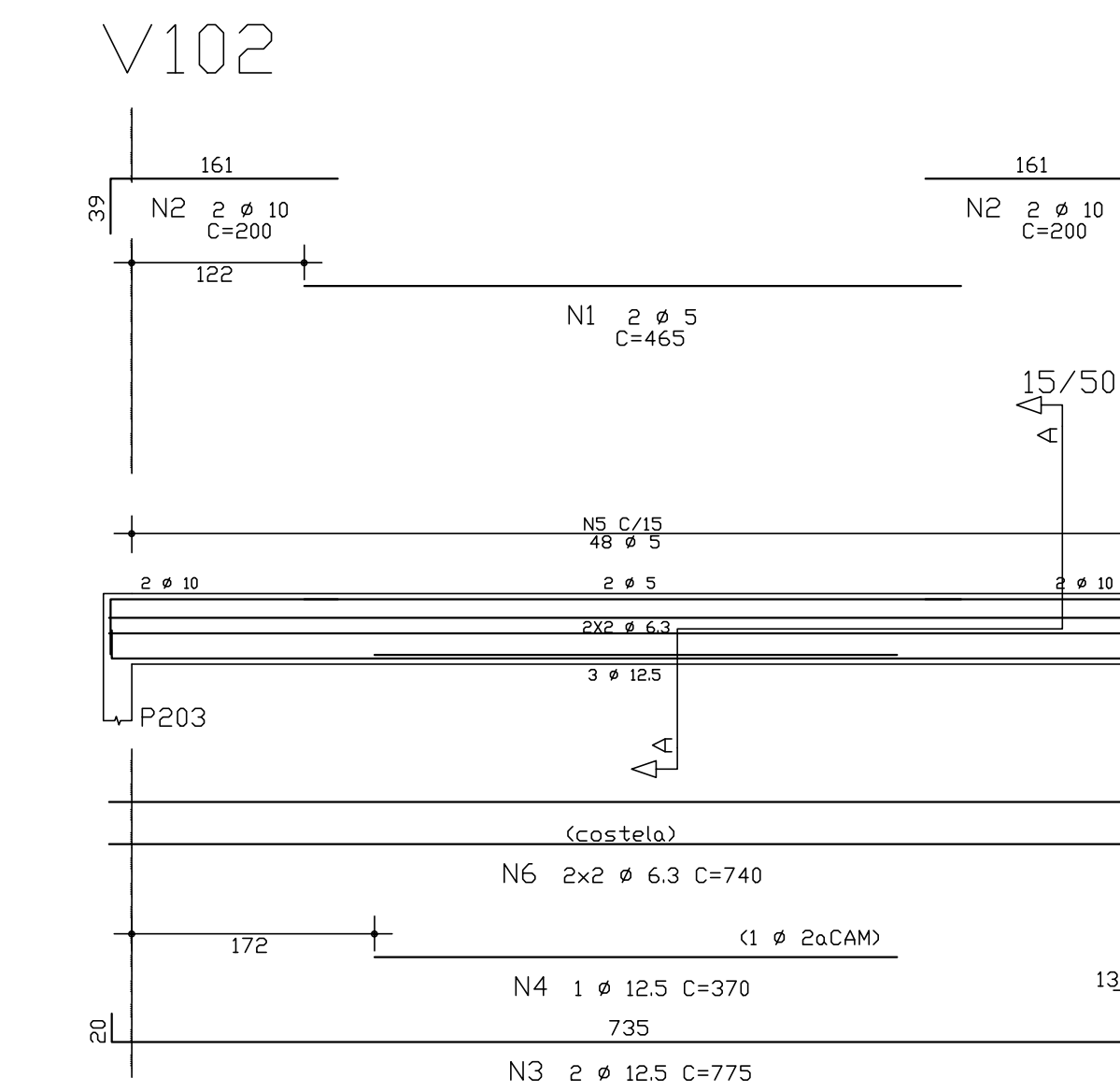
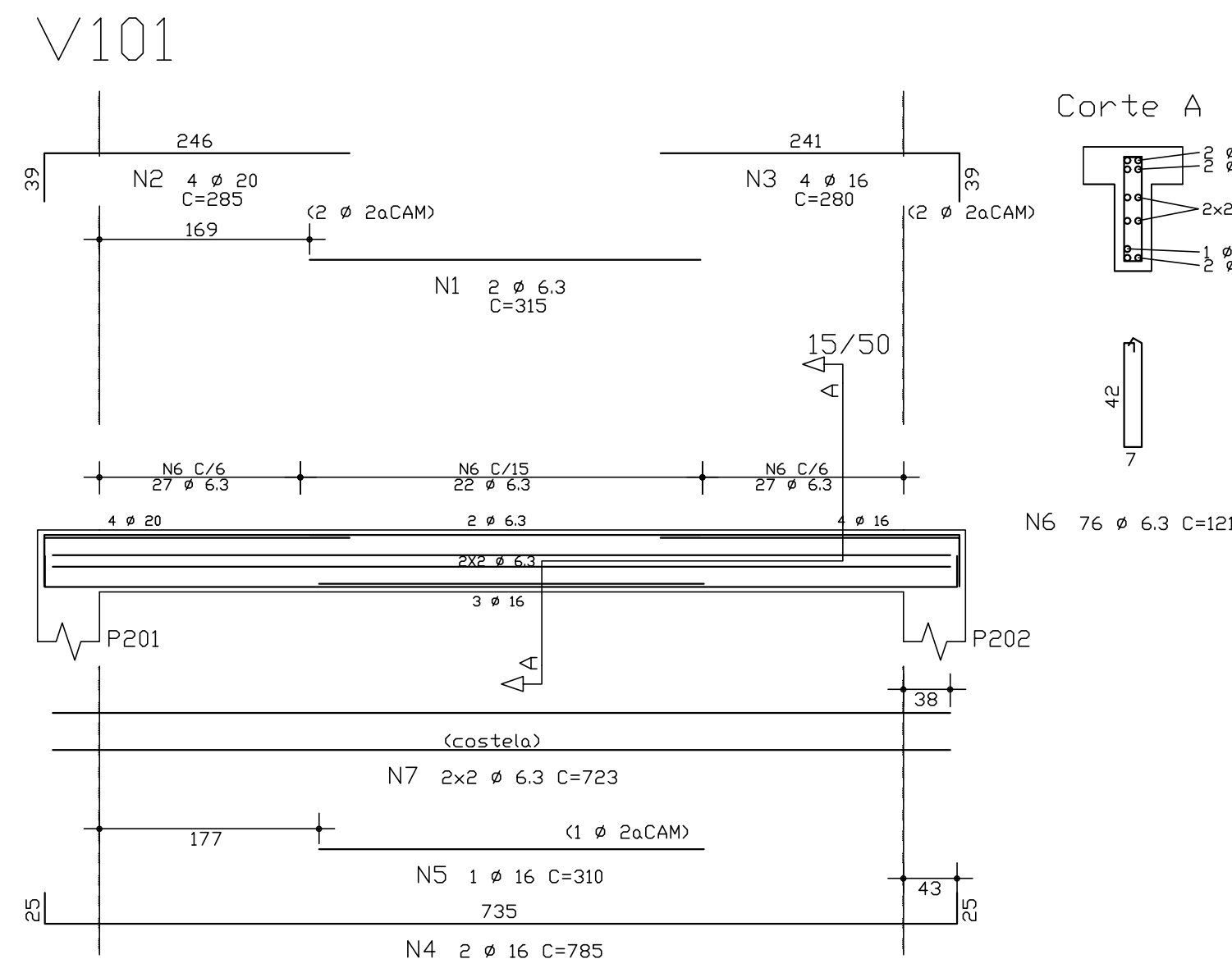


ARMAÇÕES DAS VIGAS DO PAV. TEC. DA TORRE DA ESCADA



COBERTA						
ACØ	PDS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	TOTAL (cm)	
V101						
50A	1	6,3	2	315	630	
50A	2	20	4	285	1140	
50A	3	16	4	280	1120	
50A	4	16	4	785	3140	
50A	5	16	1	310	310	
50A	6	6,3	76	121	9196	
50A	7	6,3	4	723	2892	
V102						
60B	1	5	2	465	930	
50A	2	10	4	200	800	
50A	3	12,5	2	775	1550	
50A	4	12,5	1	370	370	
60B	5	48	12	120	1440	
50A	6	6,3	4	740	2960	
V103						
50A	1	10	2	275	550	
50A	2	10	3	245	735	
50A	3	12,5	2	430	860	
50A	4	12,5	1	230	230	
60B	5	5	37	120	4440	
50A	6	6,3	4	286	1144	
V104						
50A	1	10	2	470	940	
50A	2	12,5	2	430	860	
60B	3	5	23	120	2760	
50A	4	6,3	4	286	1144	

RESUMO AÇO CA 50-60				
ACØ	BIT (mm)	COMPR (m)	PESO (kg)	
60B	5	139	21	
50A	6,3	188	46	
50A	10	30	19	
50A	12,5	39	37	
50A	16	30	47	
50A	20	11	28	
Peso Total 60B =			21 kg	
Peso Total 50A =			177 kg	



ARMAÇÕES DAS VIGAS DA COBERTA DA TORRE DA ESCADA

NOTAS:

- fck = 30 MPa; - E_s = 26071,59 MPa
- α/c = 0,50; - E_s = 26071,59 MPa
- SLUMP: 10 ± 2cm;

00	MS	ABRIL/2019	EMISSÃO INICIAL		
REV	PCR	DATA	DESCRIÇÃO		
REVISÕES					
ASSINATURAS					
PROPRIETÁRIO		PROJETO			
CONSTRUÇÃO		CONSTRUÇÃO			
CONSTRUÇÃO					
REFORMA E AMPLIAÇÃO - SESC - DOCA					
ENDEREÇO: RUA SENADOR MANOEL BARATA Nº 1873 - BELEM - PA					
PROPRIETÁRIO: SERVIÇO SOCIAL DO COMÉRCIO - SESC					
TIPO DA CONSTRUÇÃO: ASSISTENCIAL/COMERCIAL		PROJETO: ESTRUTURAL			
AUTOR DO PROJETO: ENP MARCELLO SANGUINETTI		DESENHISTA: GIBM			
ÁREA: TORRE DA ESCADA		PRANCHAS: EST			
ARM. DE VIGAS DIVERSAS - 2/2		ETAPA: EXE			
ESCALA: 1/50		DATA: ABRIL/2019			
CÓDIGO DO PROJETO: SESC DOCA_EST_PE_07_ESVGOZ_R00.dwg		ETAPA: EXE			
EMPRESA: GBM		RESPONSÁVEL TÉCNICO: ENP MARCELLO SANGUINETTI			
ENGENHARIA E ARQUITETURA		CREA: 28801-D PE			