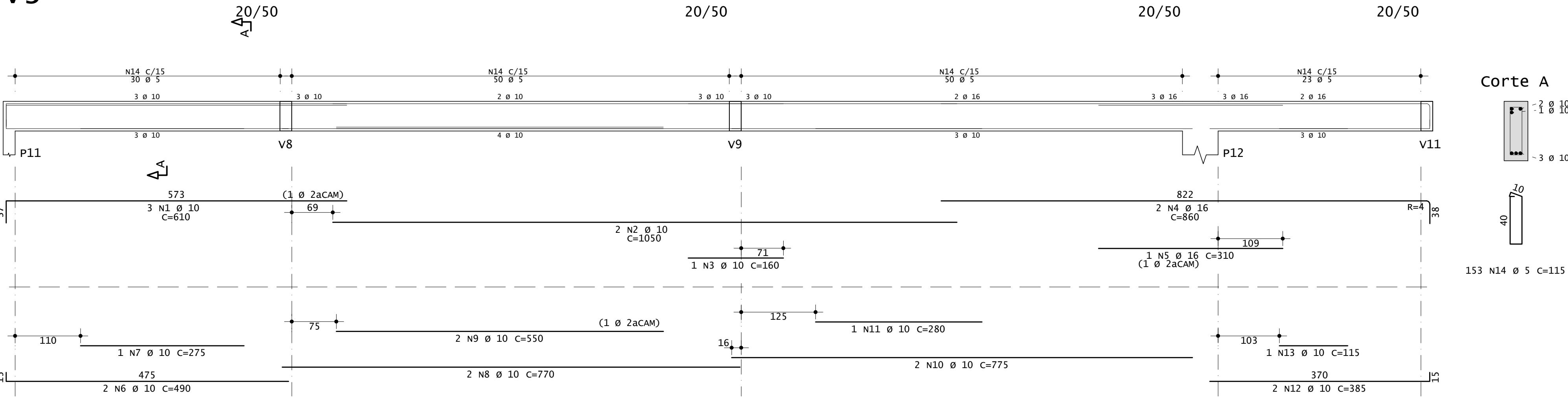
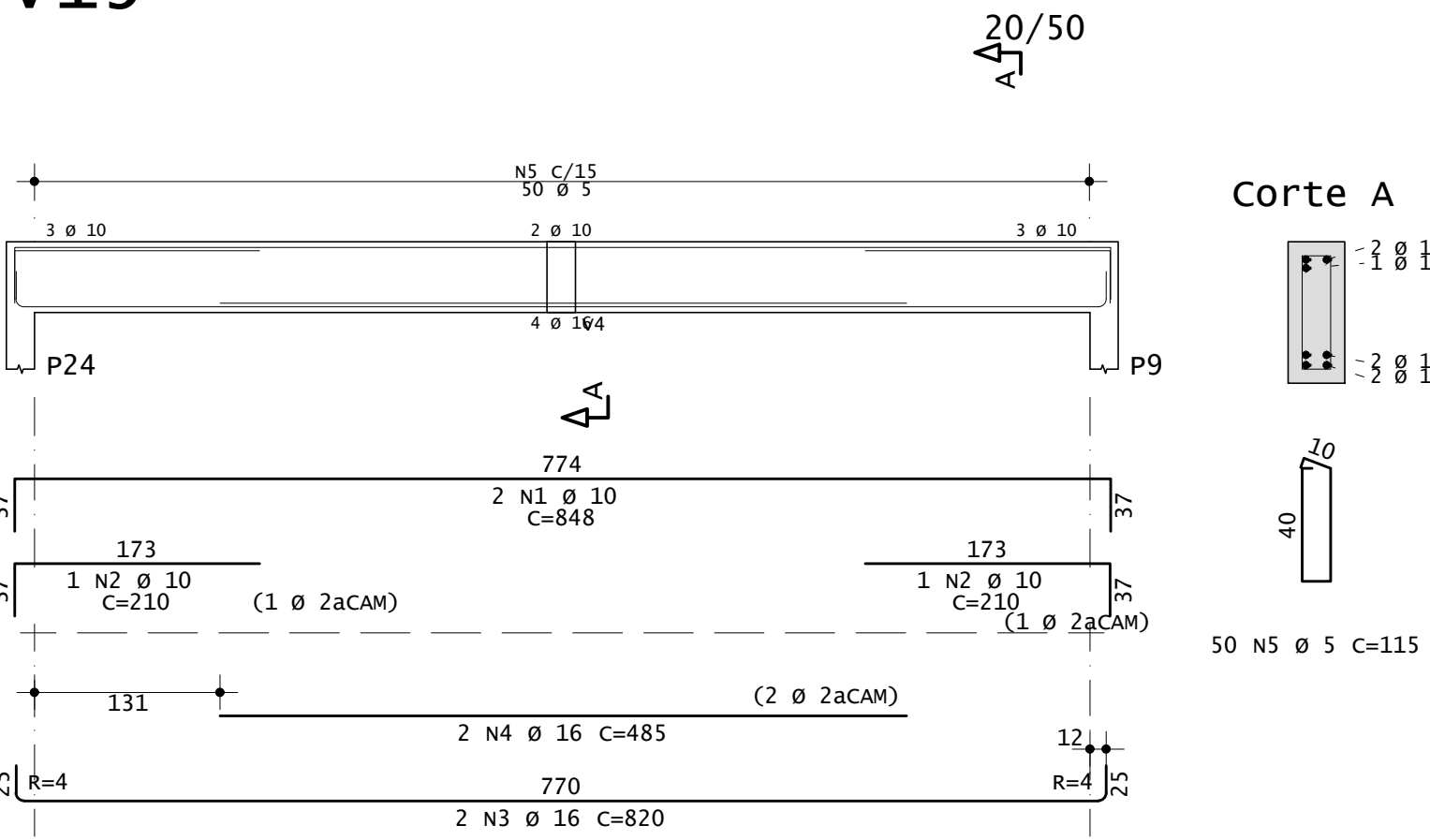


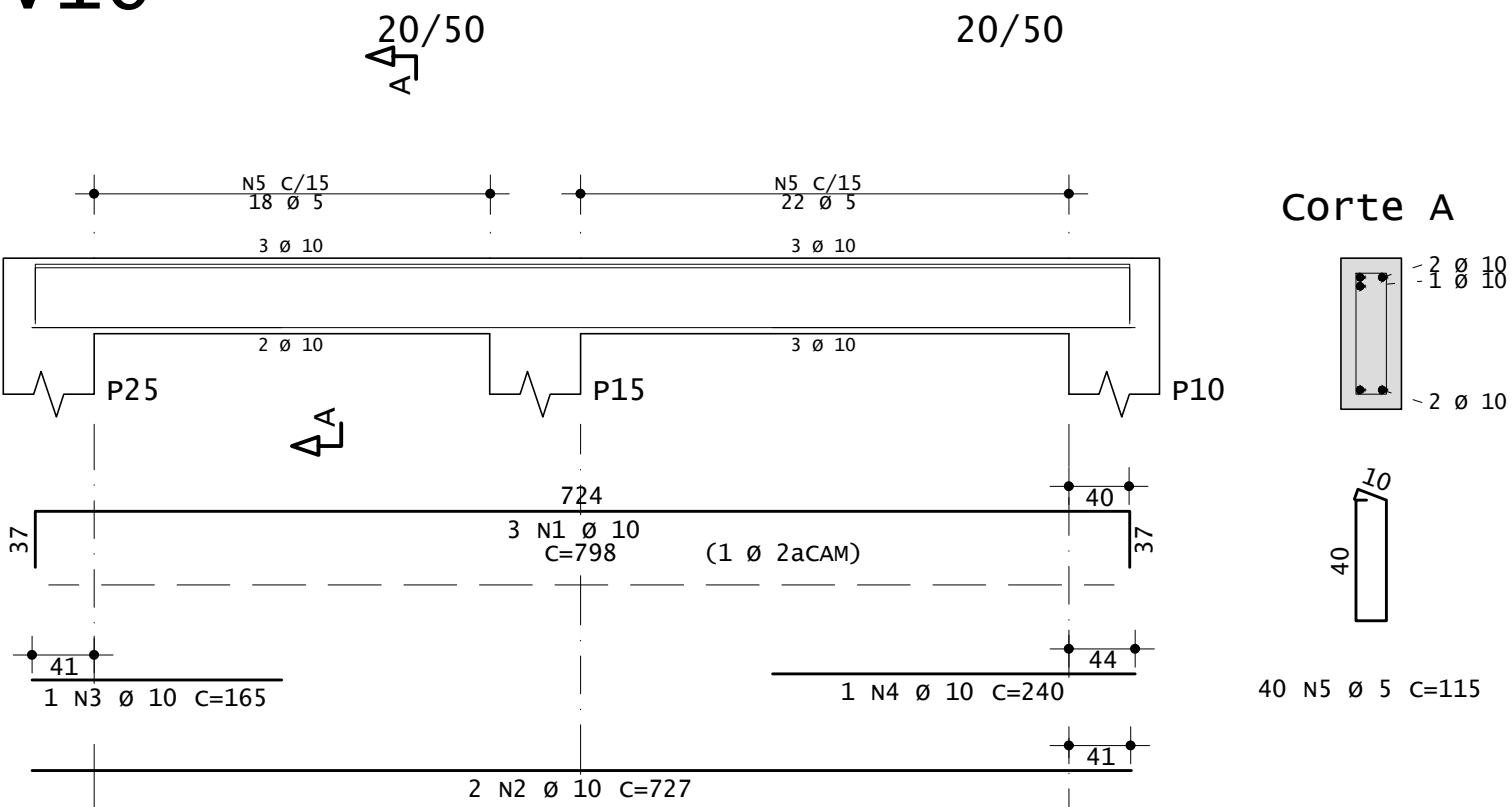
v3



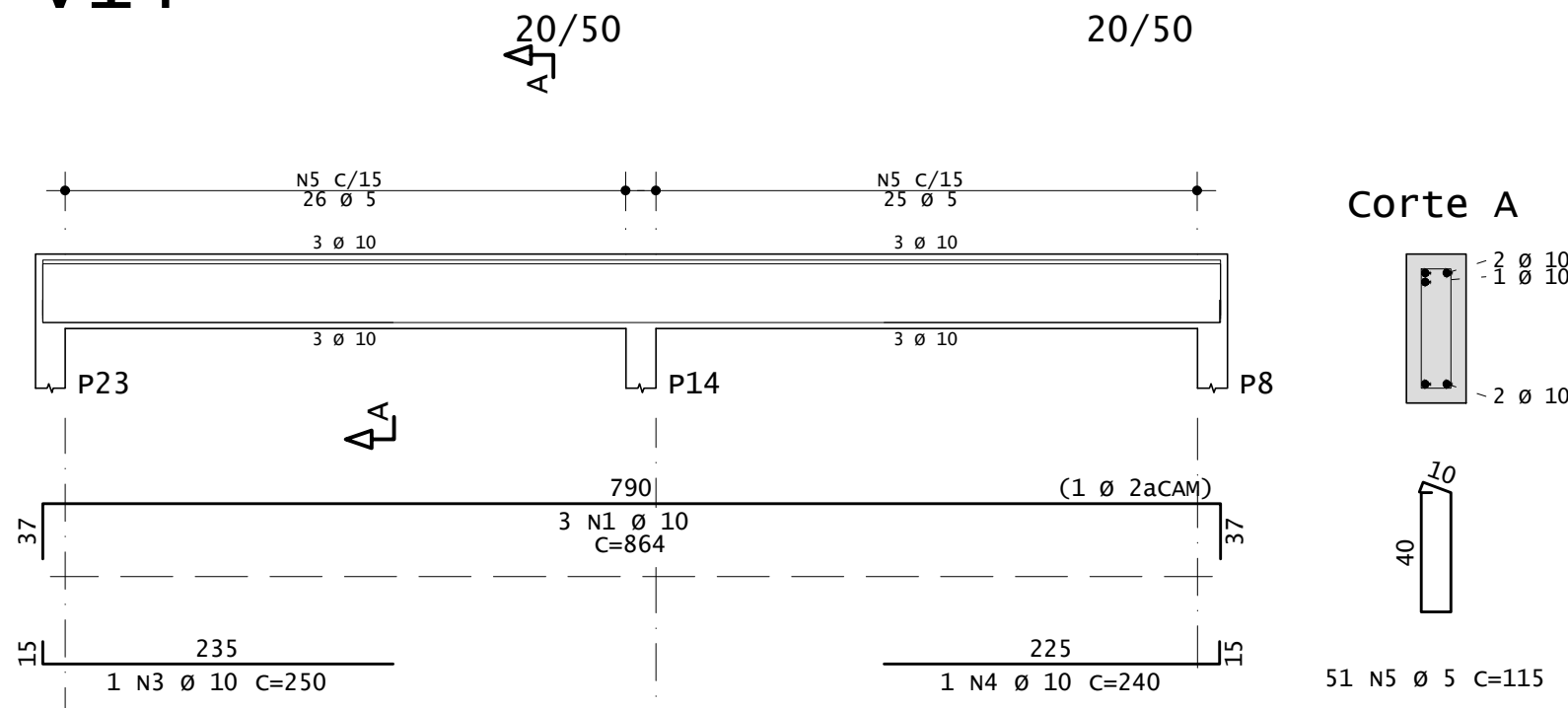
v15



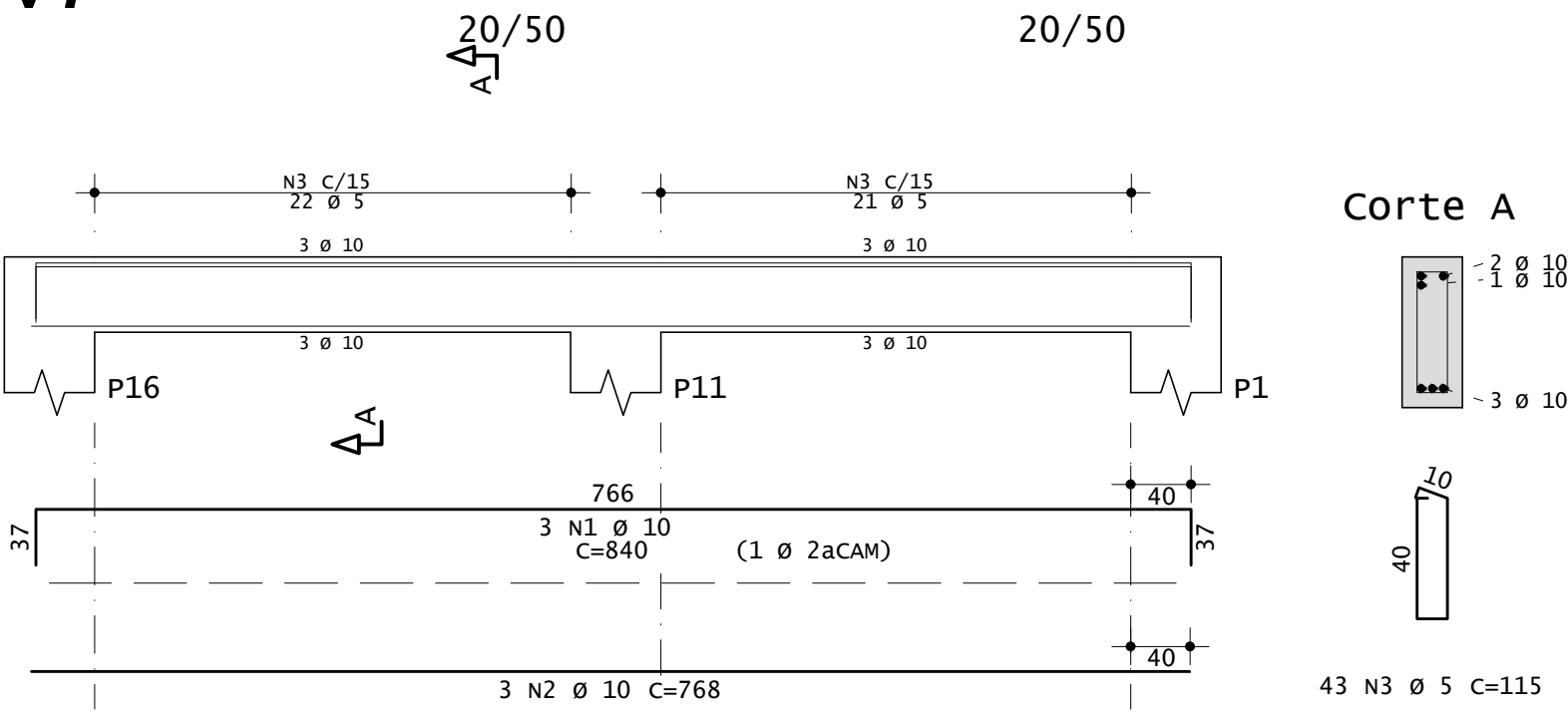
v16



v14



v7



AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	TOTAL (cm)
v3					
50A	1	10	3	610	1830
50A	2	10	2	1050	2100
50A	3	10	1	160	160
50A	4	16	2	860	1720
50A	5	16	1	310	310
50A	6	10	1	490	490
50A	7	10	2	275	550
50A	8	10	2	770	1540
50A	9	10	2	350	700
50A	10	10	2	775	1550
50A	11	10	1	280	280
50A	12	10	2	385	770
50A	13	10	1	115	115
60A	14	5	153	115	17395
v7					
50A	1	10	3	840	2520
50A	2	10	3	768	2304
50A	3	5	43	115	4945
v14					
50A	1	10	3	864	2592
50A	2	10	2	820	1640
50A	3	10	1	250	250
50A	4	10	1	240	240
60A	5	5	51	115	5865
v15					
50A	1	10	2	848	1696
50A	2	10	2	210	420
50A	3	16	2	820	1640
50A	4	16	2	485	970
60A	5	5	50	115	5750
v16					
50A	1	10	3	798	2394
50A	2	10	2	727	1454
50A	3	10	1	165	165
50A	4	10	1	240	240
60A	5	5	40	115	4600

RESUMO AÇO CA 50-60			
AÇO	BIT (mm)	COMPR (cm)	PESO (kg)
60A	5	388	60
50A	10	266	164
50A	16	46	73
Peso Total	60A =	60 kg	
Peso Total	50A =	237 kg	

A D - EMPREENDIMENTOS, PROJETOS E CONSTRUÇÃO LTDA

COMPANHIA DE PORTOS E HIDROVIAS - CPH

TERMINAL HIDROVIÁRIO DE PORTEL

ENGº CLEMENTINO FILHO - CREA 5571-D/PA  
ENGº CLEMENTINO NETTO - CREA 1515122280

cobertura - Armadura vigamento

v3 / v7 / v14 / v15 / v16

19/06/2020 1:50 PORTEL-COB-VIG-005-R00 ECL=40MPa

005

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