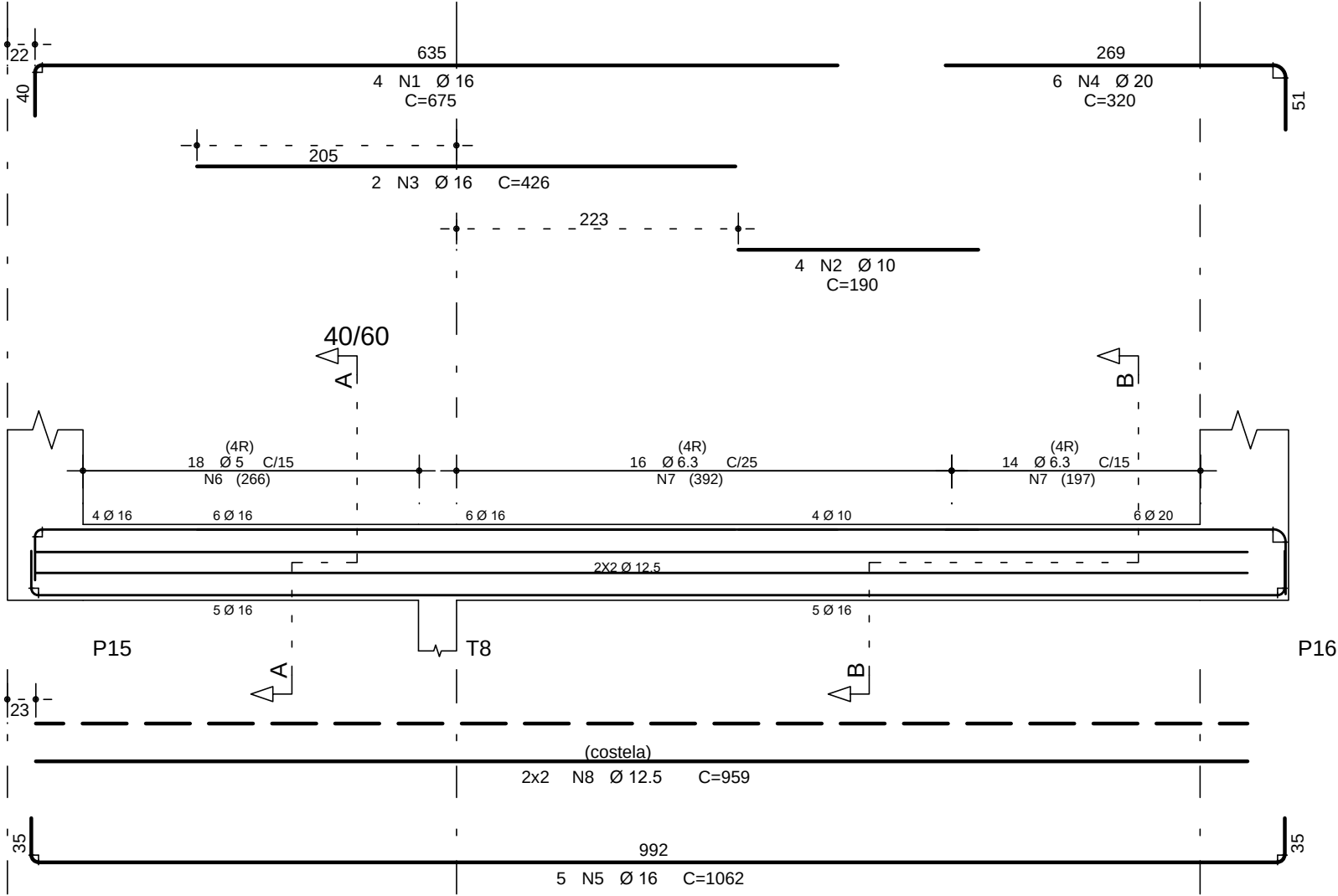
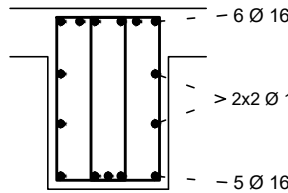


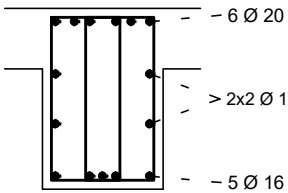
V209



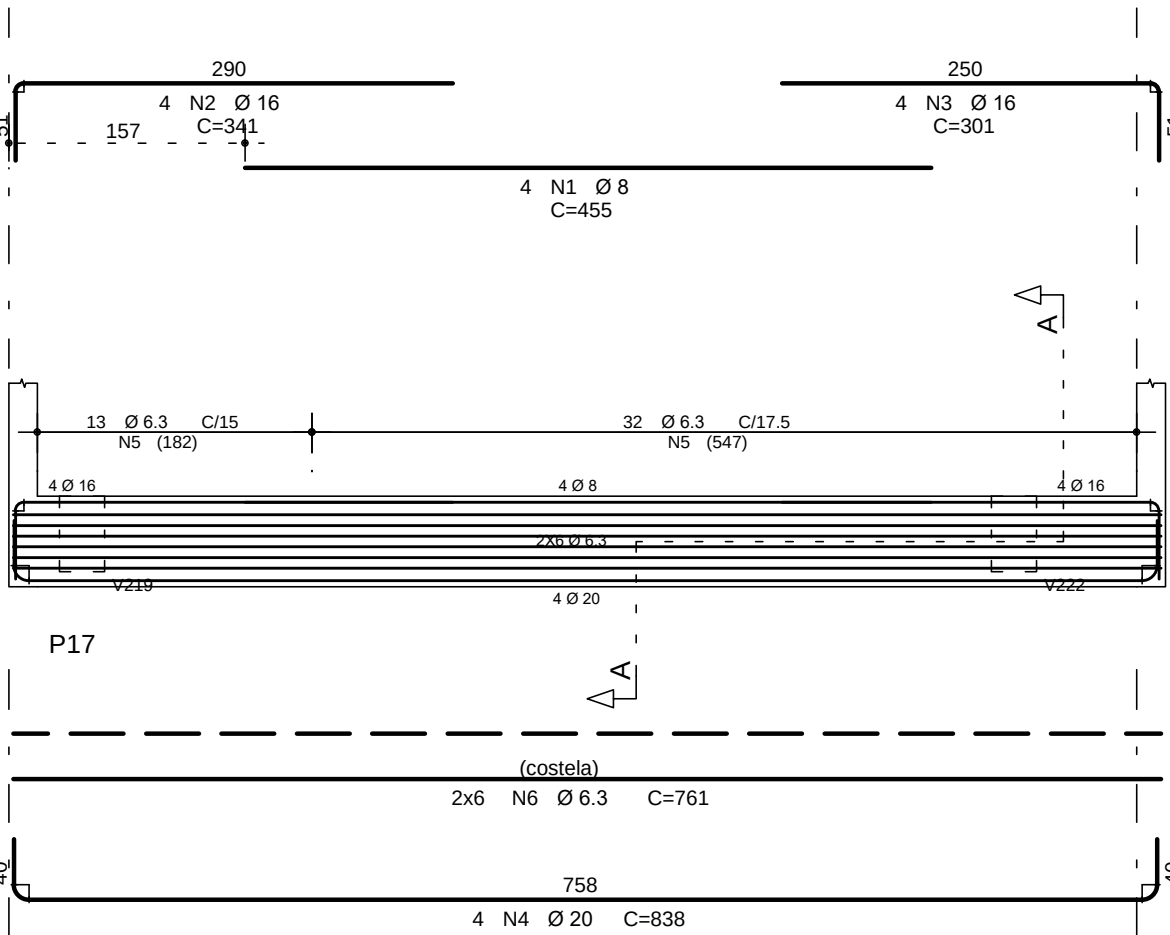
Corte A



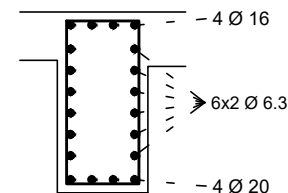
Corte B



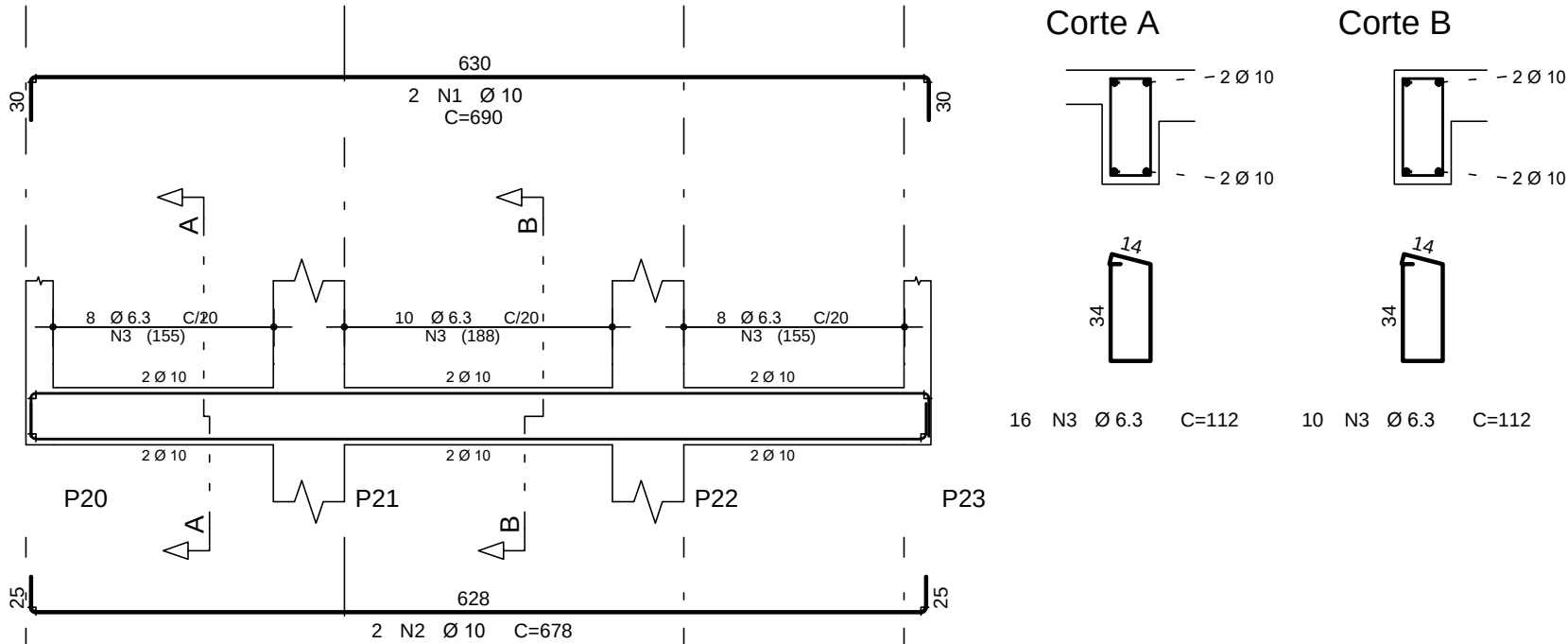
V210 30/60



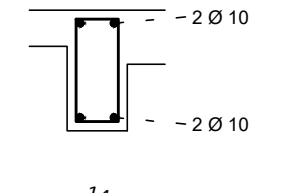
Corte A



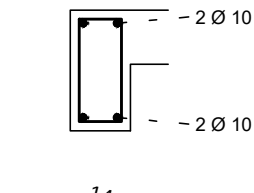
V211 20/40



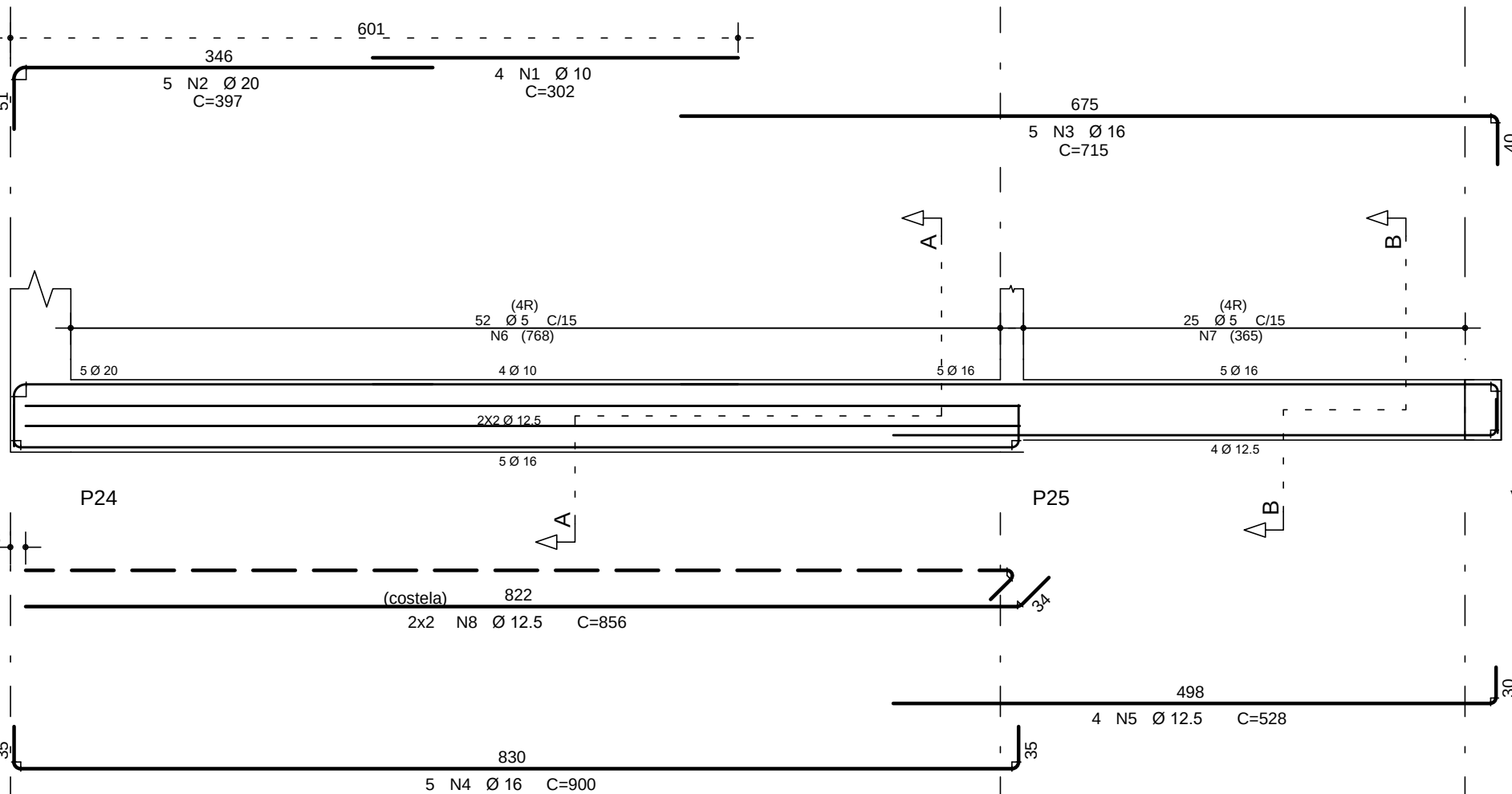
Corte A



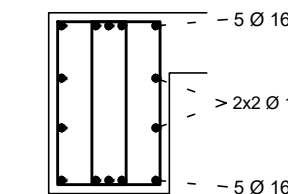
Corte B



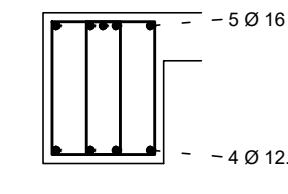
V212 40/60 / 40/50



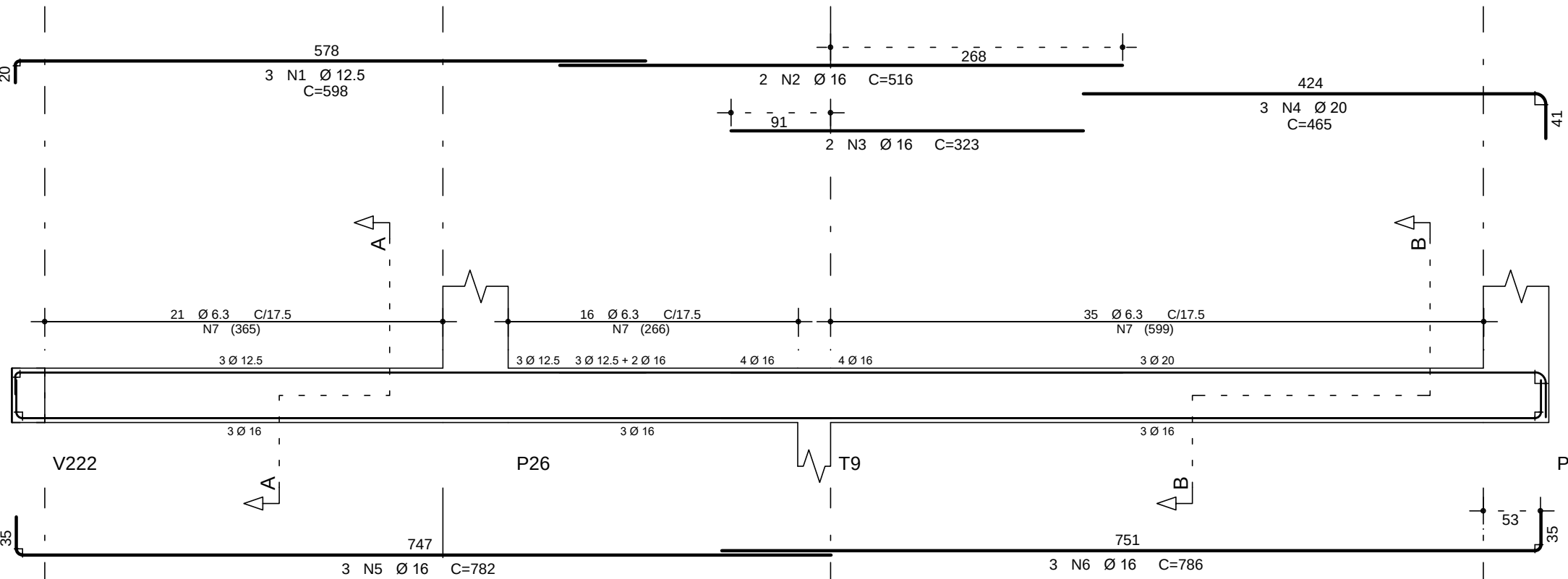
Corte A



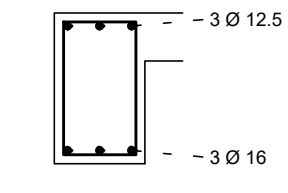
Corte B



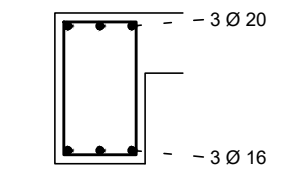
V213 30/50



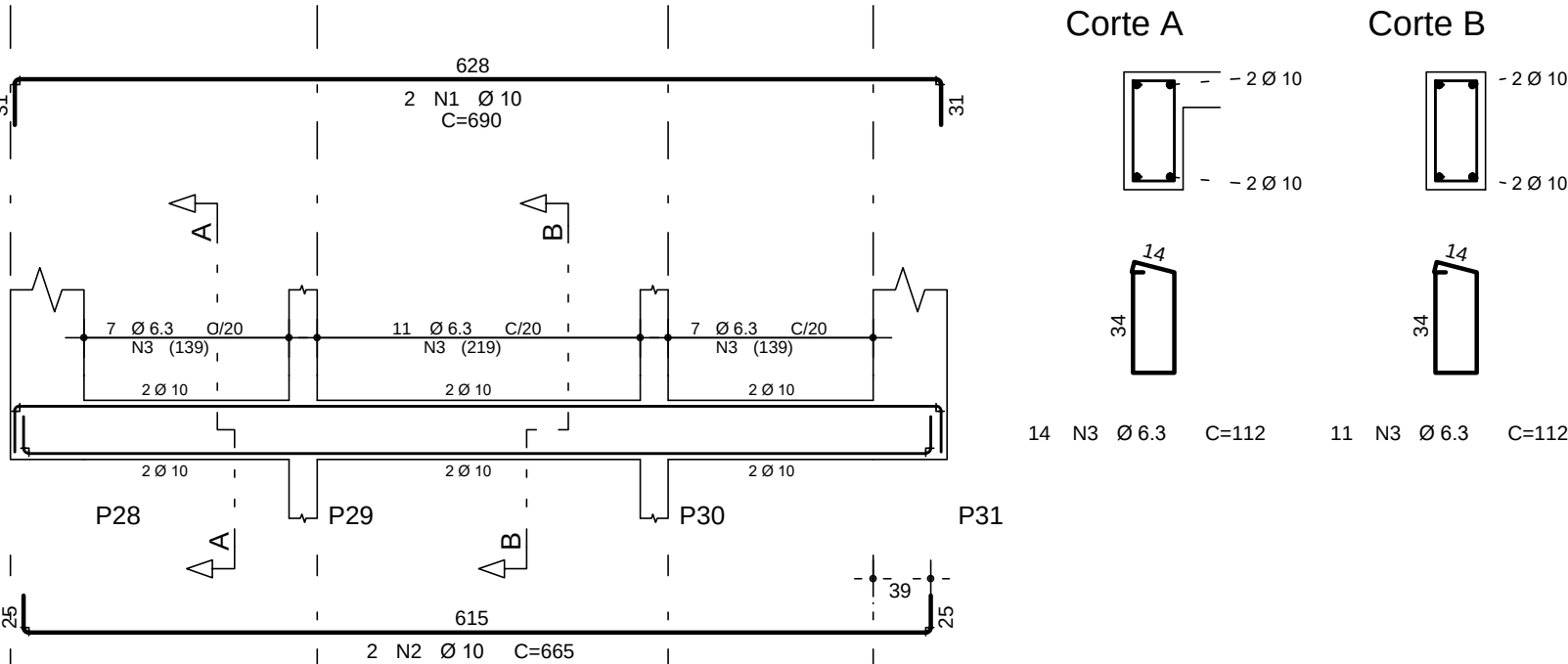
Corte A



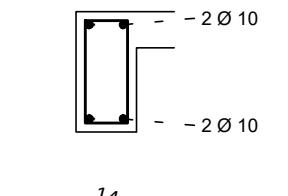
Corte B



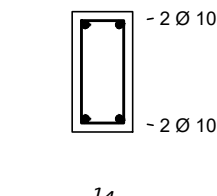
V214 20/40



Corte A



Corte B



AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	TOTAL (cm)
V209	50A	1	16	4	675
50A	2	10	4	190	760
50A	3	16	2	426	852
50A	4	20	6	320	1920
50A	5	16	5	1062	5310
60B	6	5	36	169	6084
50A	7	6.3	60	170	10200
50A	8	12.5	4	959	3836
V210	50A	1	8	4	455
50A	2	16	4	341	1364
50A	3	16	4	301	1204
50A	4	20	4	838	3352
50A	5	6.3	45	172	7740
50A	6	6.3	12	761	9132
V211	50A	1	10	2	690
50A	2	10	2	678	1356
50A	3	6.3	26	112	2912
V212	50A	1	10	4	302
50A	2	20	5	397	1985
50A	3	16	5	715	3575
50A	4	16	5	900	4500
50A	5	12.5	4	528	2112
60B	6	5	104	169	17576
60B	7	5	50	149	7450
50A	8	12.5	4	856	3424
V213	50A	1	12.5	3	598
50A	2	16	2	516	1032
50A	3	16	2	323	646
50A	4	20	3	465	1395
50A	5	16	3	782	2346
50A	6	16	3	786	2358
50A	7	6.3	72	152	10944
V214	50A	1	10	2	690
50A	2	10	2	665	1330
50A	3	6.3	25	112	2800

RESUMO AÇO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60B	5	311	48
50A	6.3	437	107
50A	8	18	7
50A	10	74	46
50A	12.5	112	108
50A	16	259	408
50A	20	87	213
Peso Total	60B =		48 kg
Peso Total	50A =		889 kg
VOLUME DE CONCRETO =			8,74 m³

		REVISÕES:		EDIF 3		PMSP - SIURB - EDIF	
		DATA:		DIVISÃO DE PROJETOS DE EDIFICAÇÕES - AVENIDA SÃO JOÃO, 473 - 17º ANDAR CEP 01035-000 - TEL: 3337-9955		PREFEITURA DE SÃO PAULO - SECRETARIA DE INFRA-ESTRUTURA URBANA E OBRAS - DEPARTAMENTO DE EDIFICAÇÕES	
		VISTO:		DIRETORA: ENGª BEATRIZ LOMONACO F. GOMES		CONTRATADA: EXATA ENGENHARIA E COMÉRCIO LTDA.	
				AUTOR DO PROJETO: ENG. EDUARDO PRATA		R. RIACHUELO, 240 - CENTRO CAMPINAS / SP - CEP: 13001-500 FONEPAX: (016) 3336-1034 SITE: WWW.EXATACAMPINAS.COM.BR EMAIL: CONTATO@EXATACAMPINAS.COM.BR	
						EMEI PADRÃO EDIF 2019 09S (NORMAL)	
						VÁRIOS - SP	
						PROJETO ESTRUTURAL - CONCRETO ARMADO FUNDAÇÃO TIPO 2 - COM LAJE	
						DETALHE ARMAÇÃO DAS VIGAS - V200	
						S - 07/12	