

CDHU		
ENG. FERNANDO AREVALLO LLATA	SUP. PROJETOS	
ARO*. ANA MARIA ANTUNES COELHO	GERENTE	
ARG. LUIZ GUSTAVO DELLA NOCE	LÍDER	
ARG. ALBERTO BUNOUKI	GESTOR	RRT S110439392100
APOIO CDHU		
JHE		
ENG. LUIZ ROBERTO GUIMARÃES	COORDENADOR	ART 28027230210176563
JHE + GEPRO		
ENG. GERRIVAN DE OLIVEIRA	DESENVOLVIMENTO	ART 28027230211455797
LEGENDA / NOTAS		

AÇO	POS	BIT	QUANT	COMPRIMENTO		
				UNIT	TOTAL	
LE1 - Armadura positiva e negativa						
PAR1	50A	1	8	19	238	4522
	50A	2	8	16	261	4176
	50A	3	8	19	238	4522
	50A	4	8	16	261	4176
PAR2	50A	1	10	4	333	1332
	50A	2	16	2	202	404
	50A	3	16	2	293	586
	50A	4	6.3	13	396	5148
PAR3	50A	5	8	20	233	4660
	50A	1	10	4	333	1332
	50A	2	16	2	228	456
	50A	3	16	2	293	586
PAR4	50A	4	6.3	13	396	5148
	50A	5	8	20	233	4660
	50A	1	10	4	307	1228
	50A	2	16	2	200	400
VB22	50A	3	16	2	267	534
	50A	4	6.3	9	396	3564
	50A	5	8	20	207	4140
	50A	1	10	2	354	708
VB26	50A	2	10	2	354	708
	50A	3	6.3	13	108	1404
	50A	1	10	2	354	708
VB55	50A	2	10	2	354	708
	50A	3	6.3	13	108	1404
	50A	1	6.3	2	382	764
VT5	50A	2	10	3	349	1047
	50A	3	6.3	9	148	1332
	50A	1	12.5	2	275	550
VT6	50A	2	10	2	210	420
	50A	3	6.3	8	108	864
	50A	1	12.5	2	275	550
VT7	50A	2	10	2	210	420
	50A	3	6.3	8	108	864
	50A	1	12.5	2	265	530
VT8	50A	2	10	2	195	390
	50A	3	6.3	7	108	756
	50A	1	12.5	2	265	530
VT9	50A	2	10	2	195	390
	50A	3	6.3	7	108	756
	50A	1	12.5	2	430	860
VT10	50A	2	10	2	360	720
	50A	3	6.3	15	108	1620
	50A	1	12.5	2	430	860
	50A	2	10	2	360	720
	50A	3	6.3	15	108	1620

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
50A	6.3	292	72
50A	8	350	138
50A	10	121	74
50A	12.5	39	37
50A	16	39	62
Peso Total+10%		50A =	421 kgf

- NOTAS:
- MEDIDAS EM CENTÍMETRO, NÍVEIS EM METRO
 - CARACTERÍSTICAS DO CONCRETO ESTRUTURAL: CONCRETO MOLDADO IN LOCO - f_{cd} ≥ 30 MPa - E_{cs} ≥ 26,1 GPa;
 - CONFIRMAR MEDIDAS NA OBRA;
 - COBRIMENTO = 3 CM.

REVISÕES (DISCRIMINAÇÃO)	Nº	DATA	RUBRICA

CDHU Companhia de Desenvolvimento Habitacional e Urbano

Rua Boa Vista,170 - São Paulo - Tel.2505.2000 - CNPJ 47.865.597/0001-09

CONTRATO
SECRETARIA DE DESENVOLVIMENTO ECONÔMICO

PROJETO
SDE_074—ETEC JOSÉ MARTIMIANO DA SILVA
REFORMA E AMPLIAÇÃO

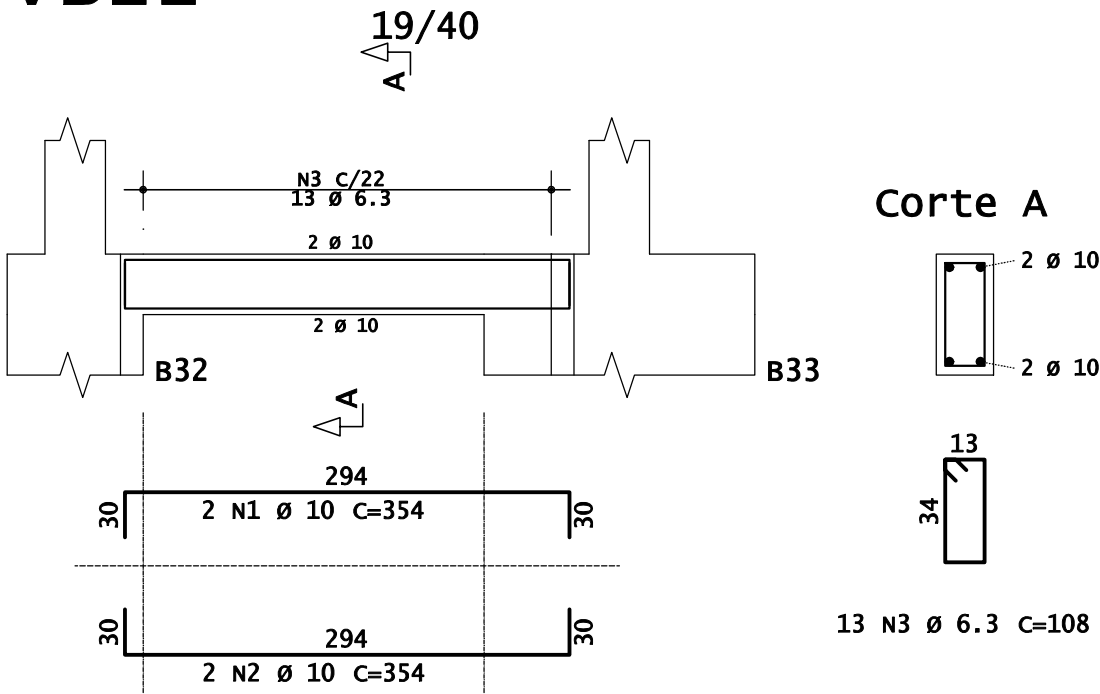
ENDEREÇO / MUNICÍPIO
R. Tamandaré,520—Campos Elíseos—Ribeirão Preto

DISCIPLINA | ÁREA | FOLHA
ESTRUTURA | **EST** | **217/254**

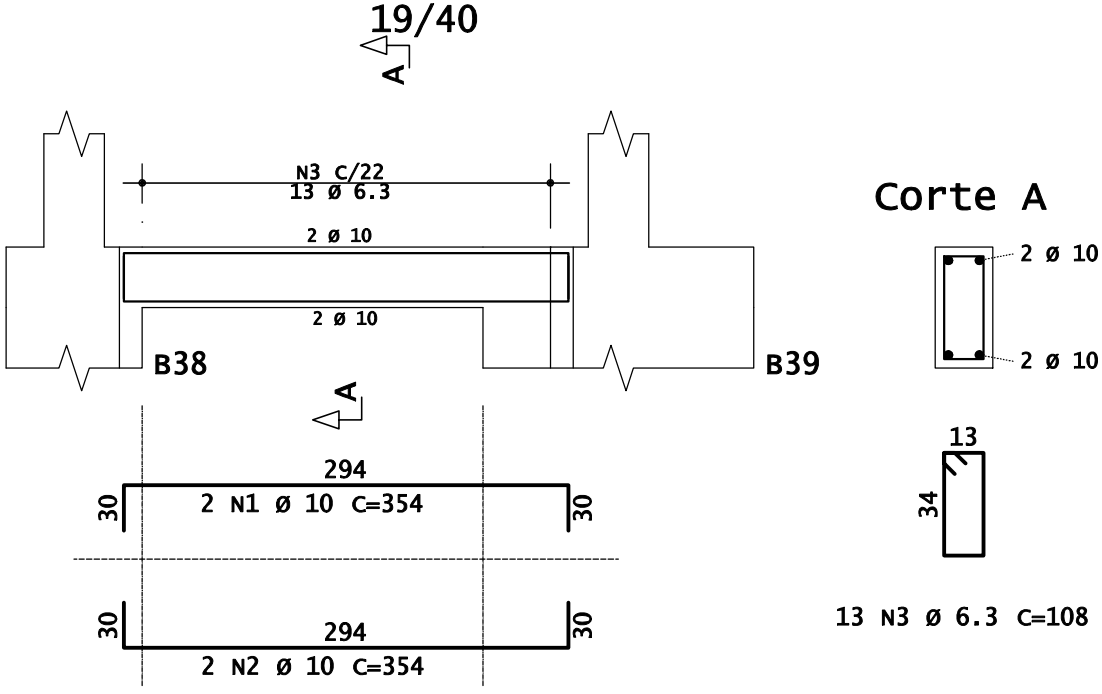
ASSUNTO
ESTRUTURA DE CONCRETO
PROJETO EXECUTIVO
ARMAÇÃO DOS BALDRAMES 11/11
BLOCO PEDAGÓGICO

ESCALA GRÁFICA | ESCALA NOMINAL | DATA
0 1 2 3 (m) | 1:50 | OUT/2021
ESPAÇO PARA APROVAÇÃO

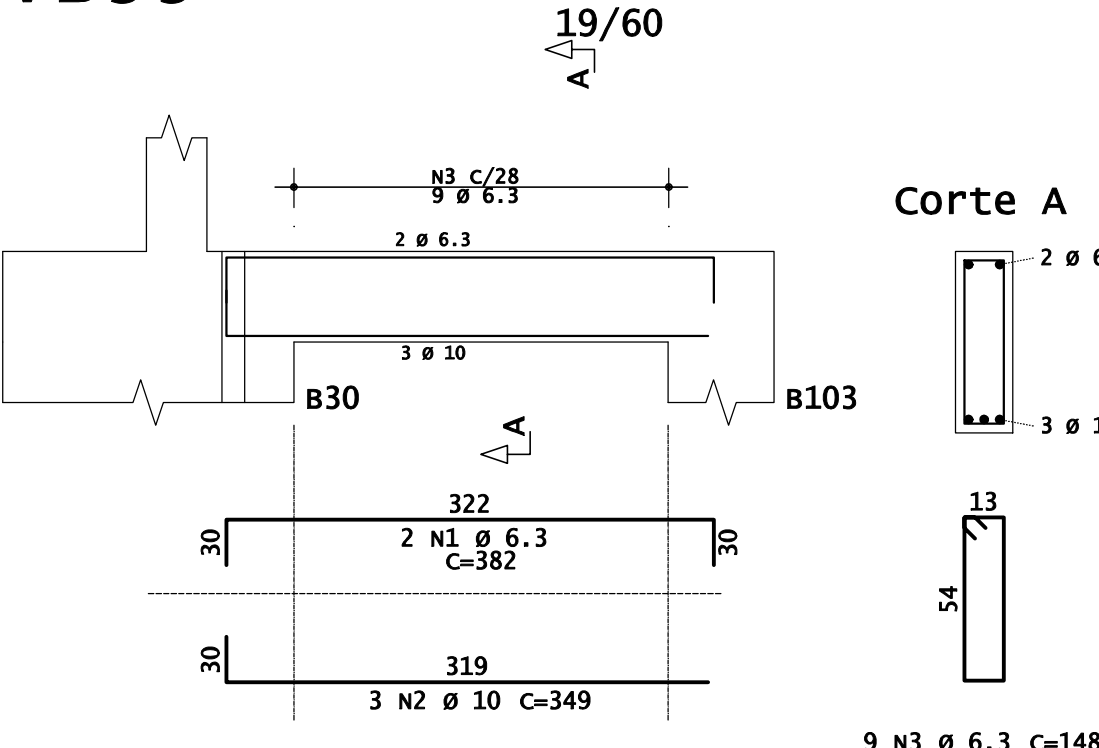
VB22



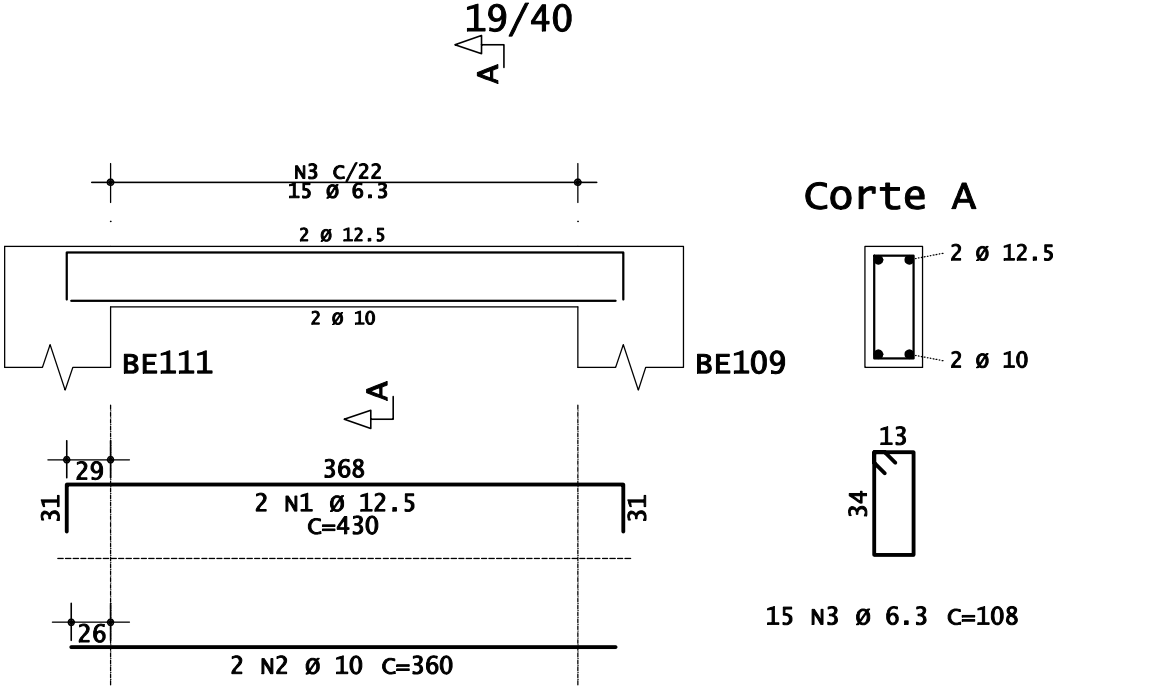
VB26



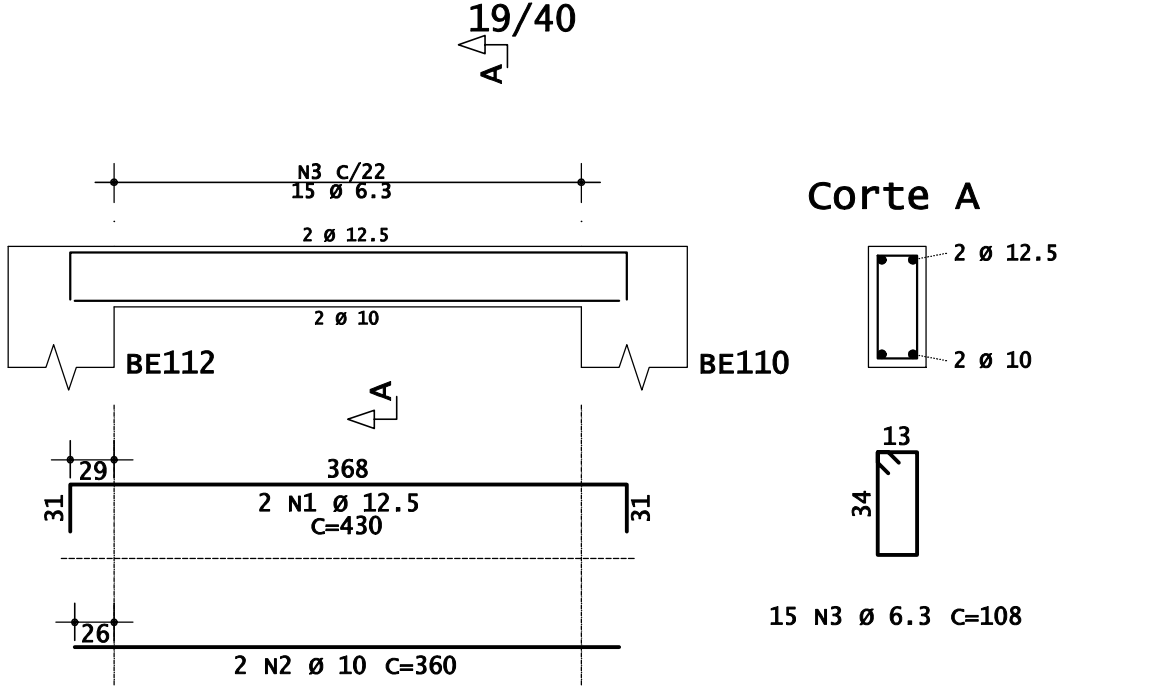
VB55



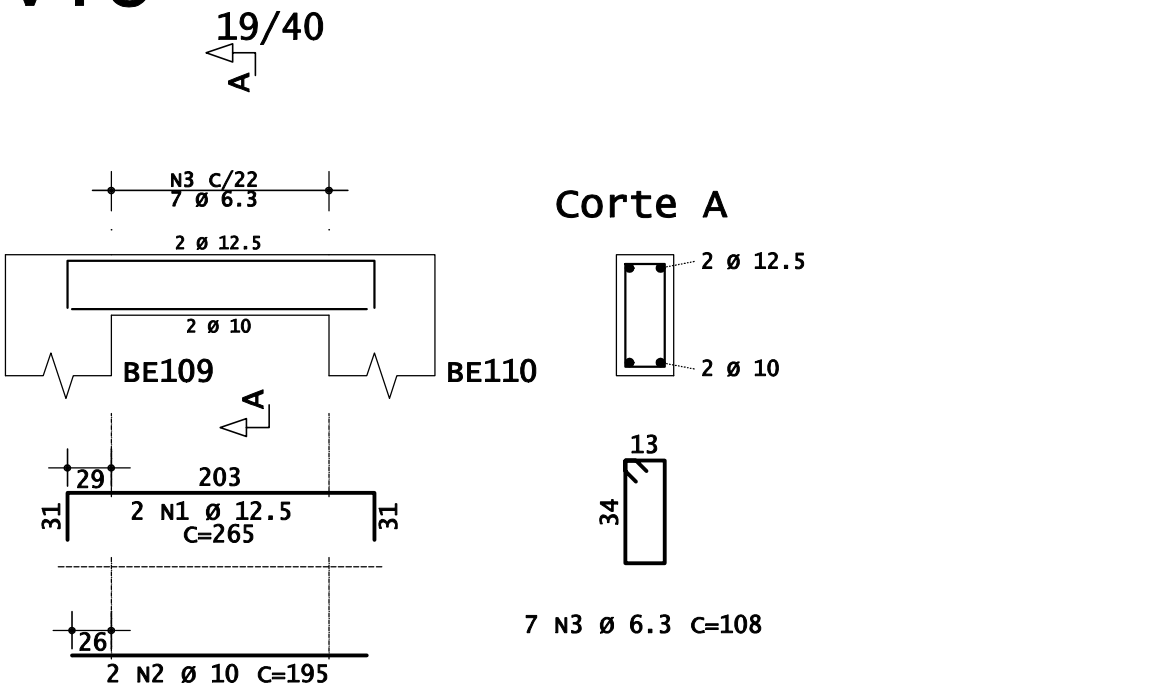
VT9



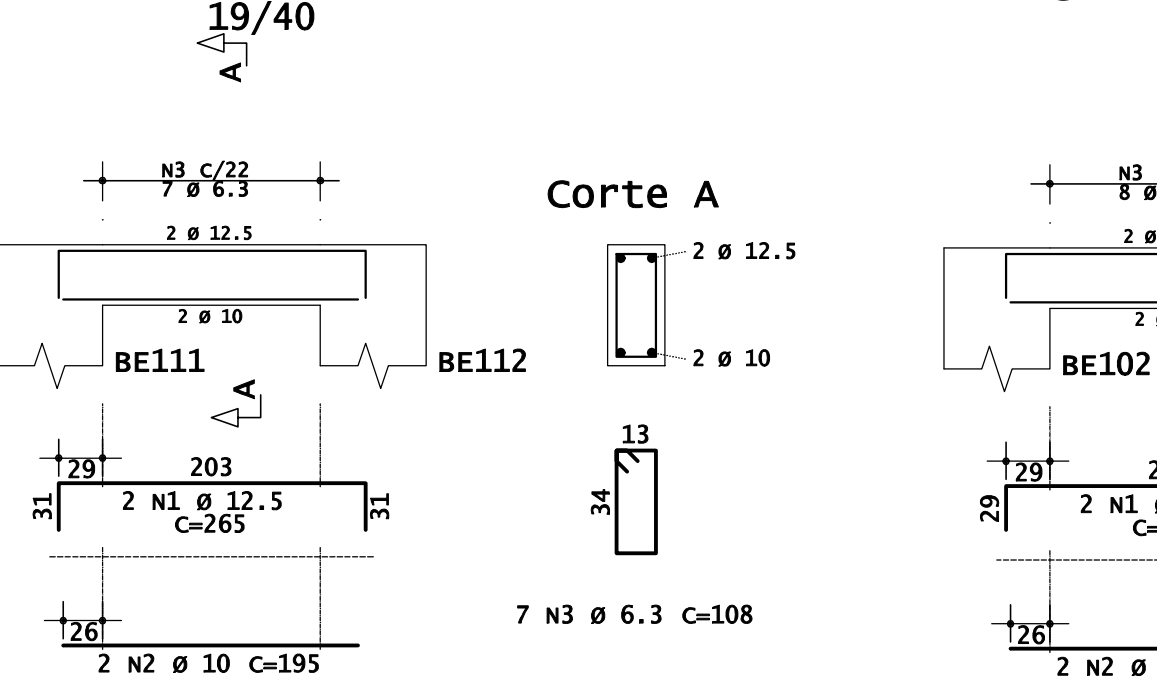
VT10



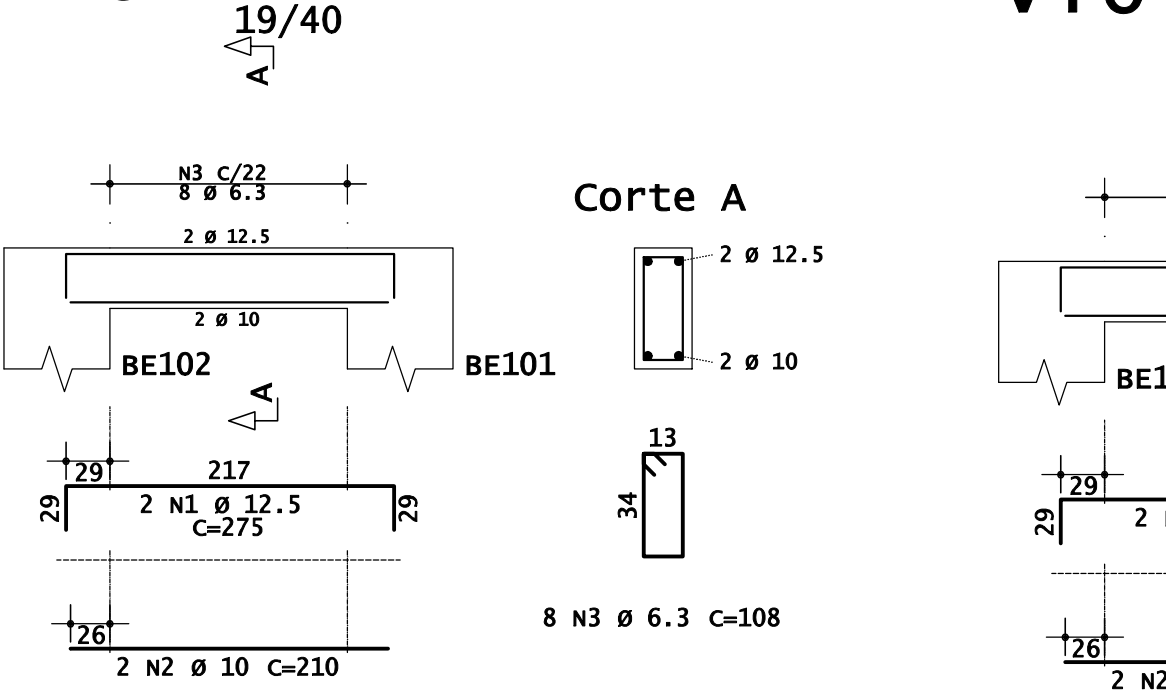
VT8



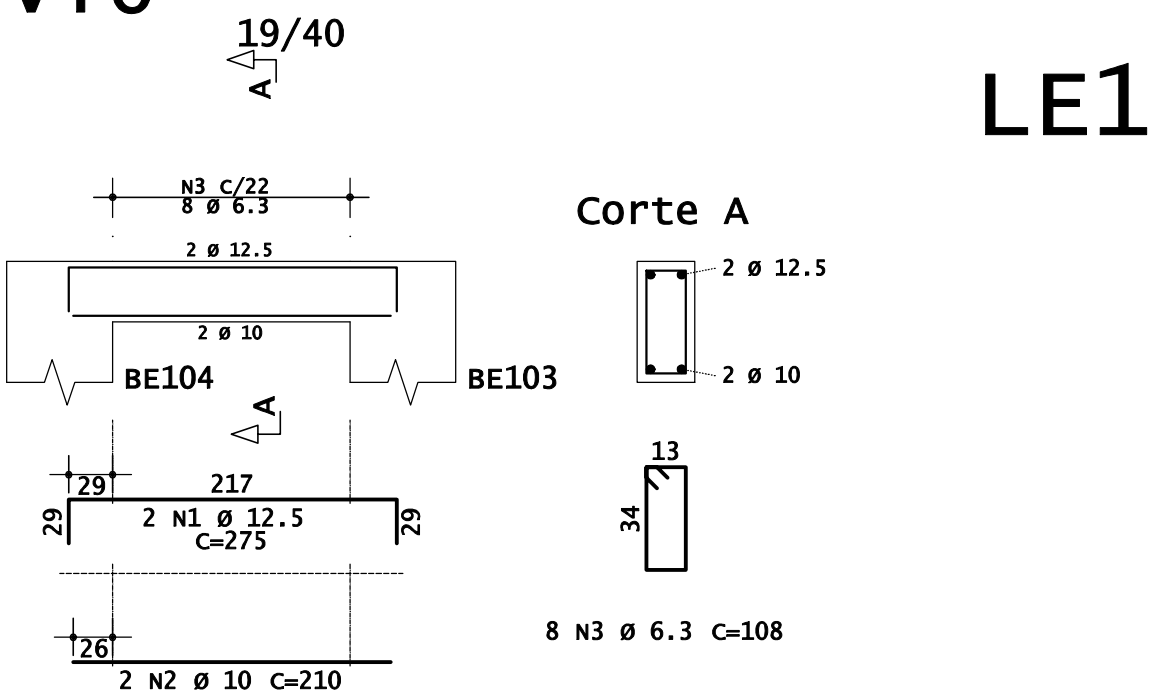
VT7



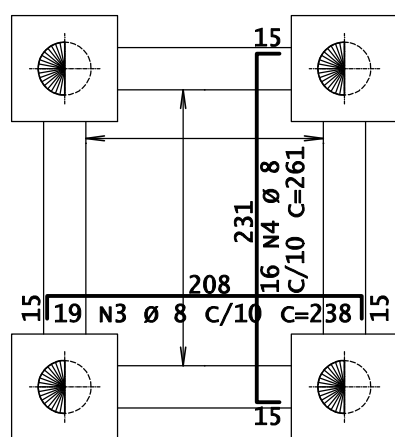
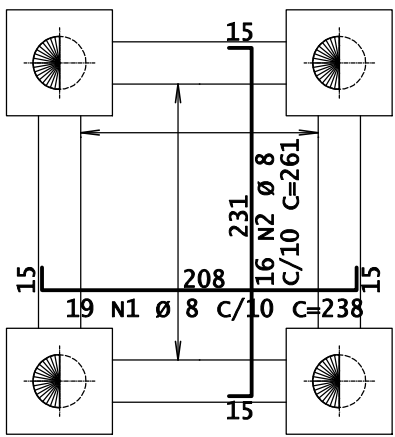
VT5



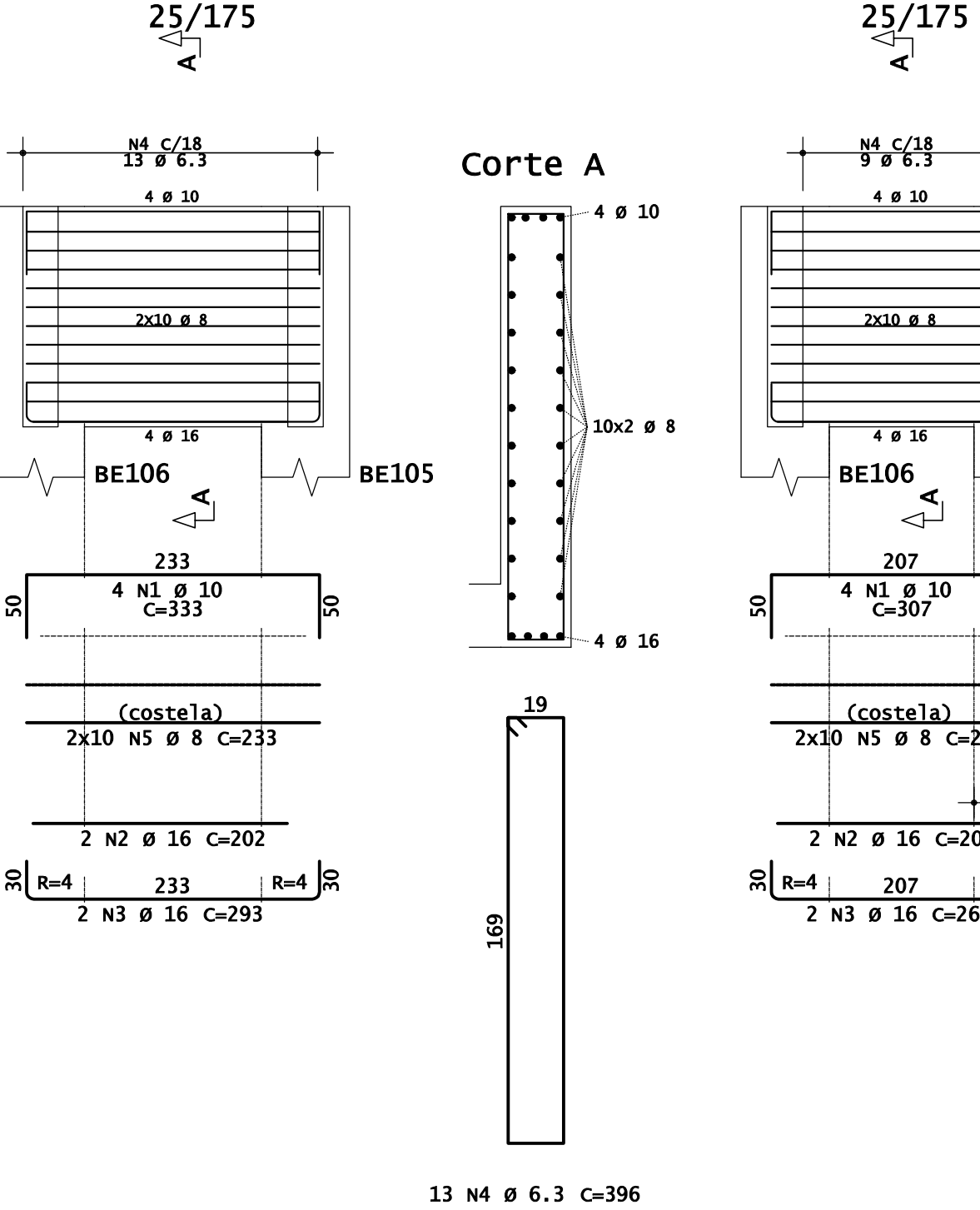
VT6



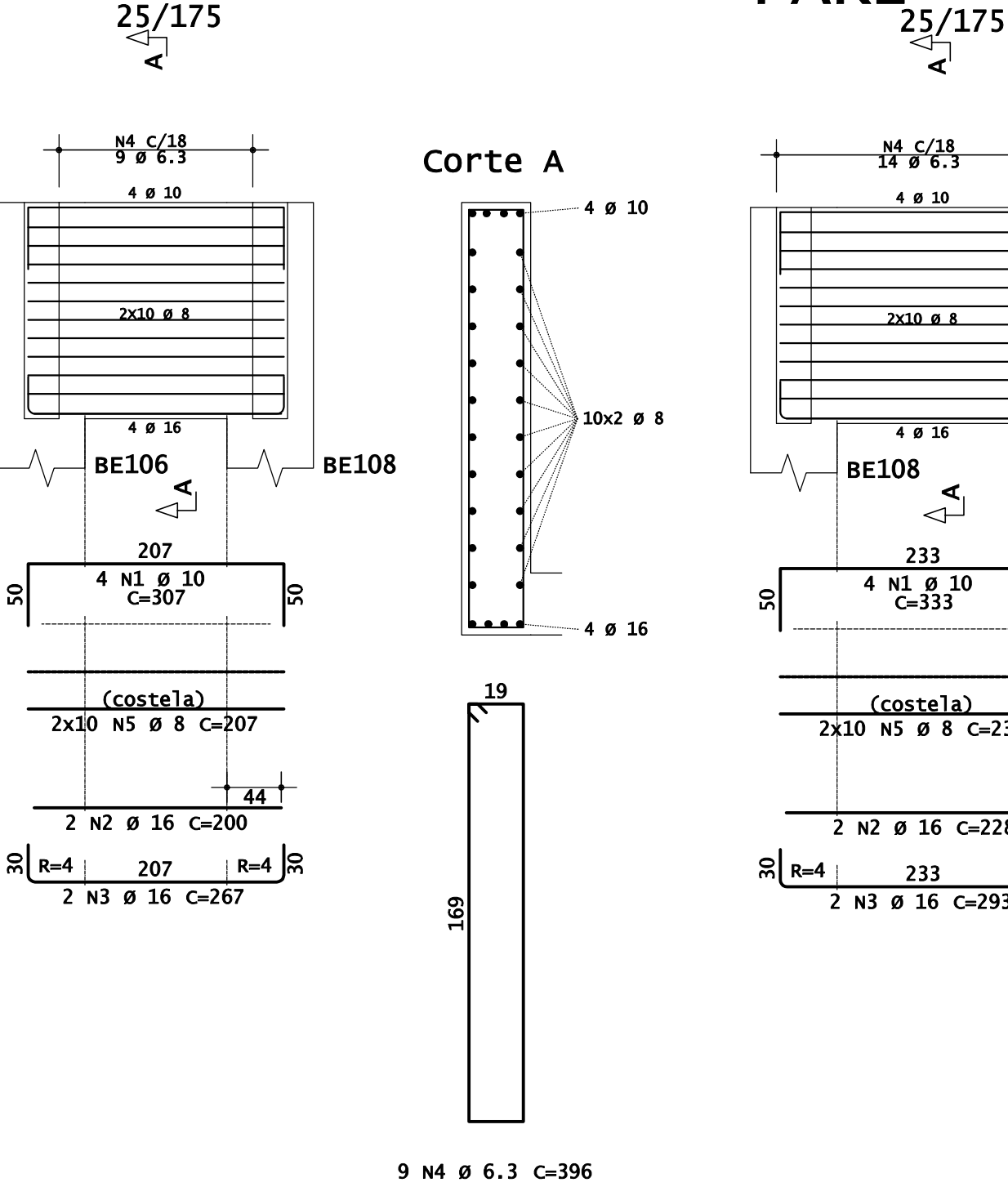
LE1 - Armadura positiva e negativa



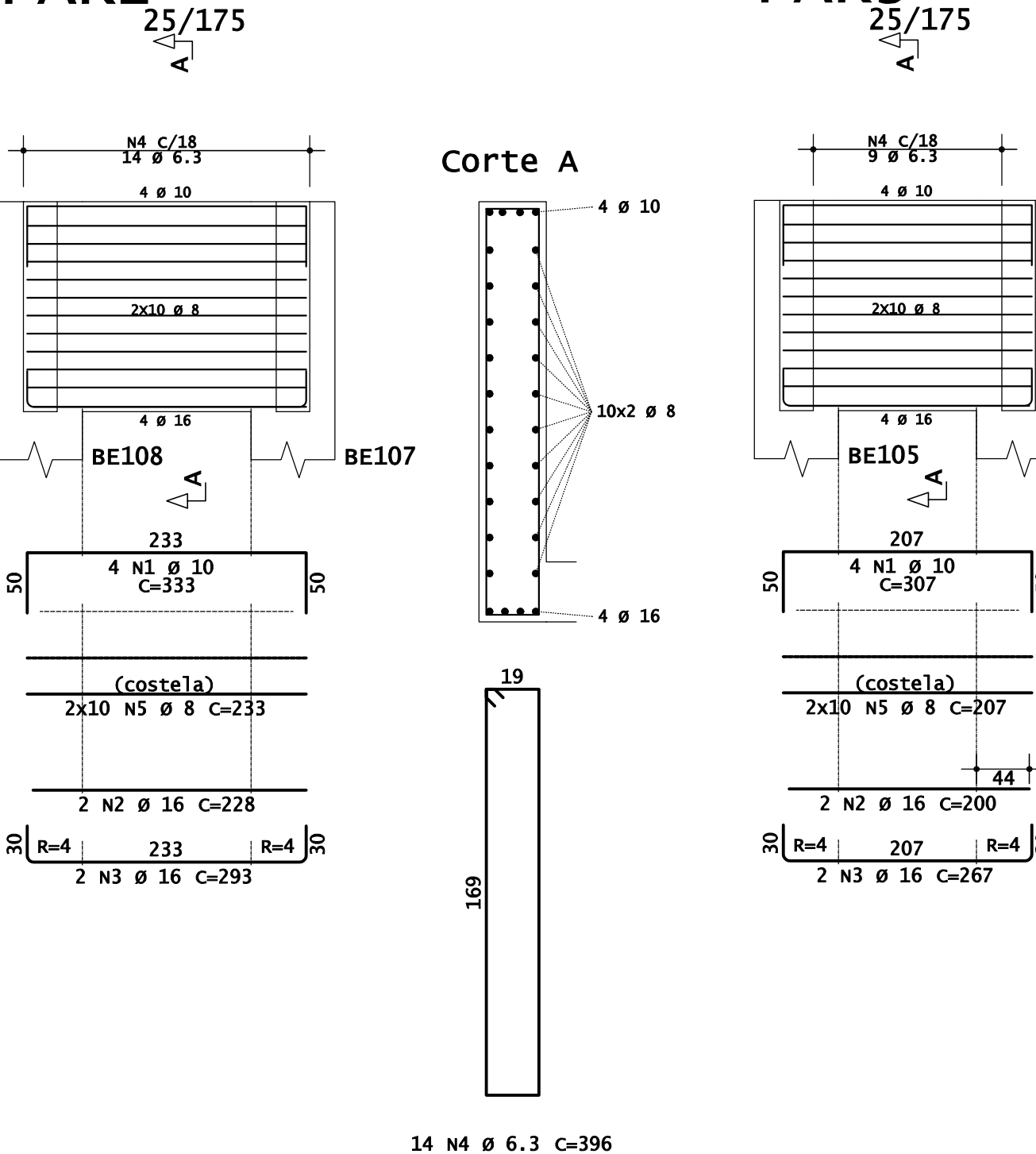
PAR1



PAR4



PAR2



PAR3

