

CDHU		
ENG. FERNANDO AREVALLO LLATA	SUP. PROJETOS	
ARG. ANA MARIA ANTUNES COELHO	GERENTE	
ARG. LUIZ GUSTAVO DELLA NOCE	LÍDER	
ARG. ALBERTO BUNDUKI	GESTOR	RRT S110439392100
APOIO CDHU		
JHE		
ENG. LUIZ ROBERTO GUIMARÃES	COORDENADOR	ART 28027230210176583
JHE + GEPRO		
ENG. GERRIVAN DE OLIVEIRA	DESENVOLVIMENTO	ART 28027230211455797
LEGENDA / NOTAS		

- NOTAS :**
- 1- MEDIDAS EM CENTÍMETRO, NÍVEIS EM METRO
 - 2- CARACTERÍSTICAS DO CONCRETO ESTRUTURAL:
CONCRETO MOLDADO IN LOCO - fck> 30 MPa Ecs >28,1 GPa;
 - 3- CONFIRMAR MEDIDAS NA OBRA;
 - 4- 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
ESTRUTURA

ÁREA
EST

FOLHA
109/112

ASSUNTO

ESTRUTURA DE CONCRETO
PROJETO EXECUTIVO
ARMAÇÕES GERAIS DA SUBESTAÇÃO 3/3
ANEXOS

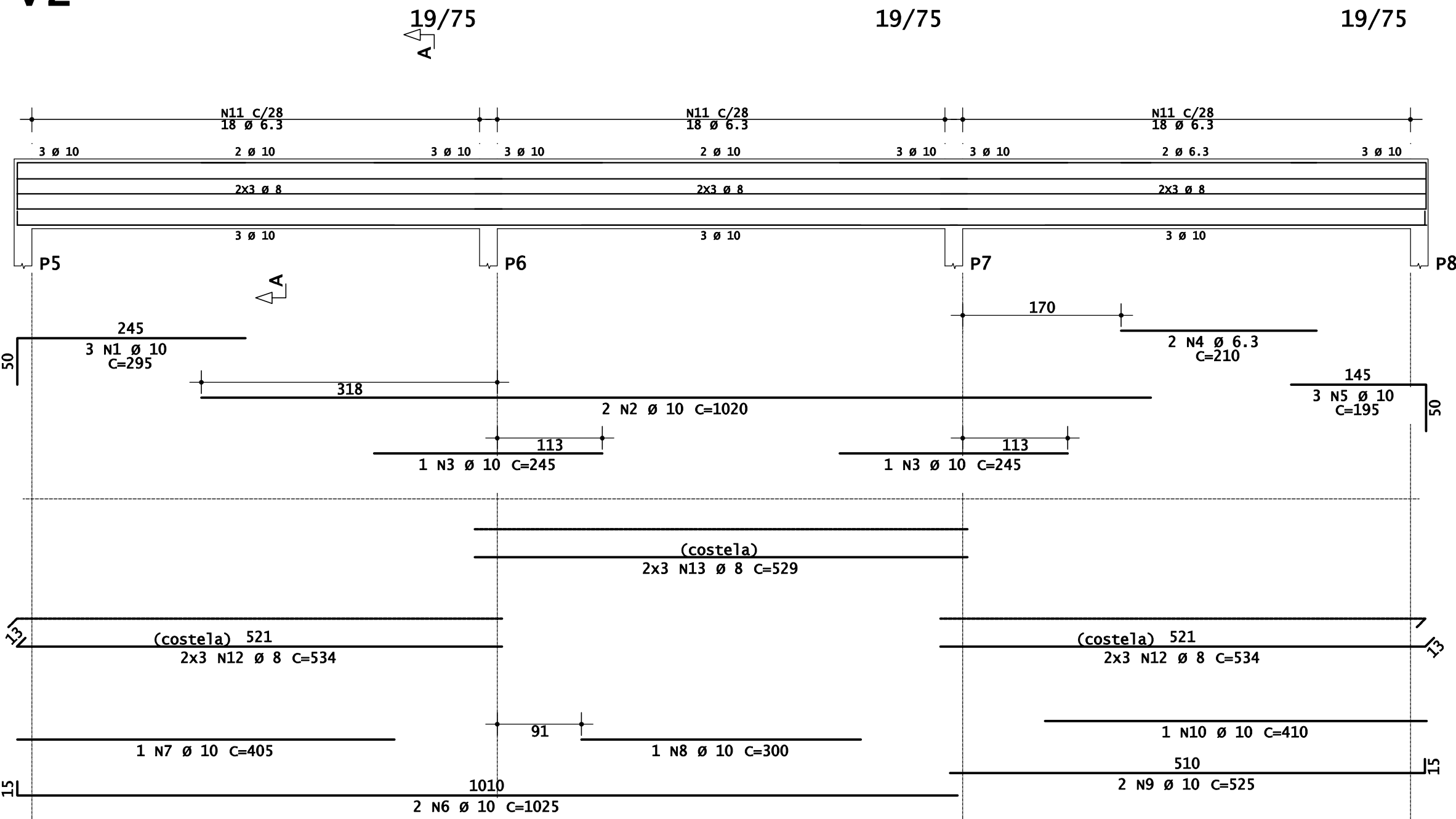
ESCALA GRÁFICA
0 1 2 3 (m)

ESCALA NOMINAL
1:50

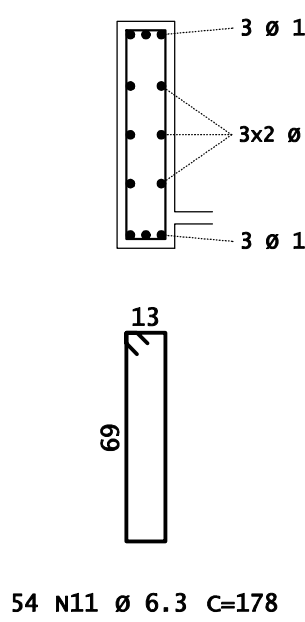
DATA
OUT/2021

ESPAÇO PARA APROVAÇÃO

V2

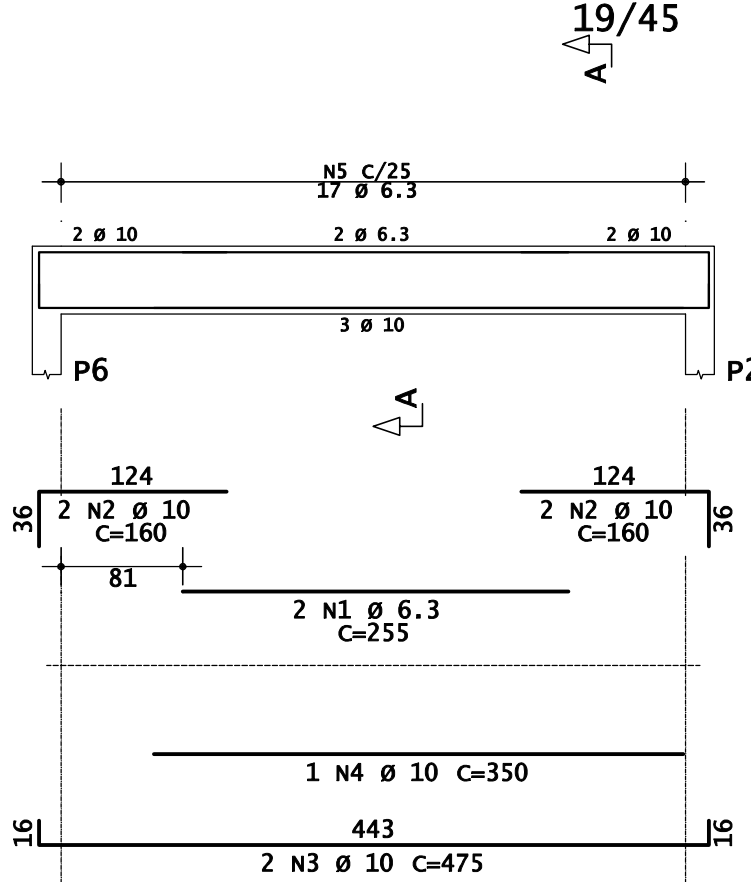


Corte A

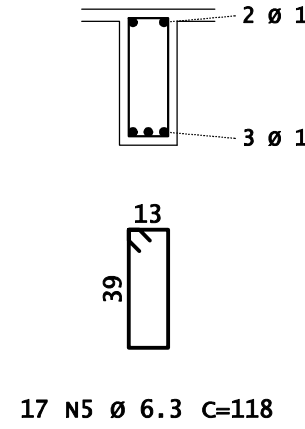


54 N11 Ø 6.3 C=178

V4

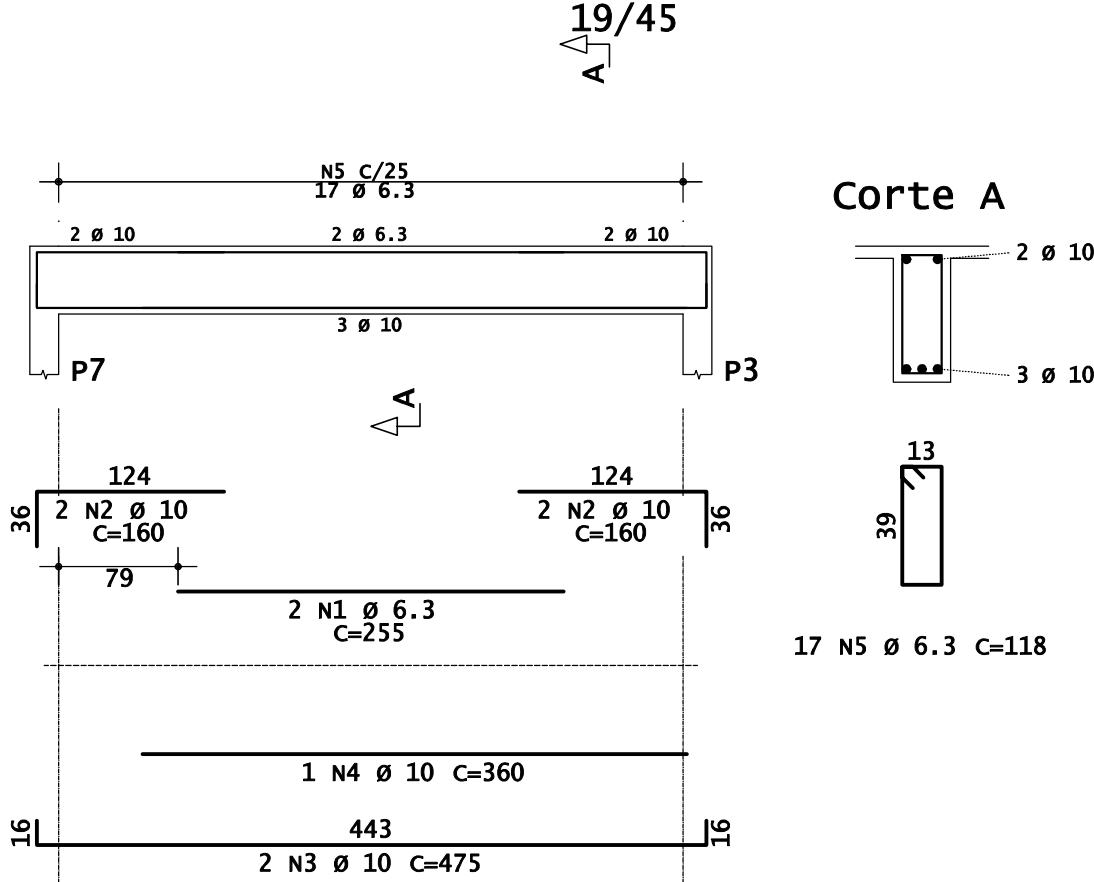


Corte A

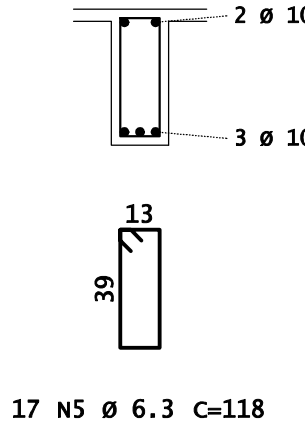


17 N5 Ø 6.3 C=118

V5

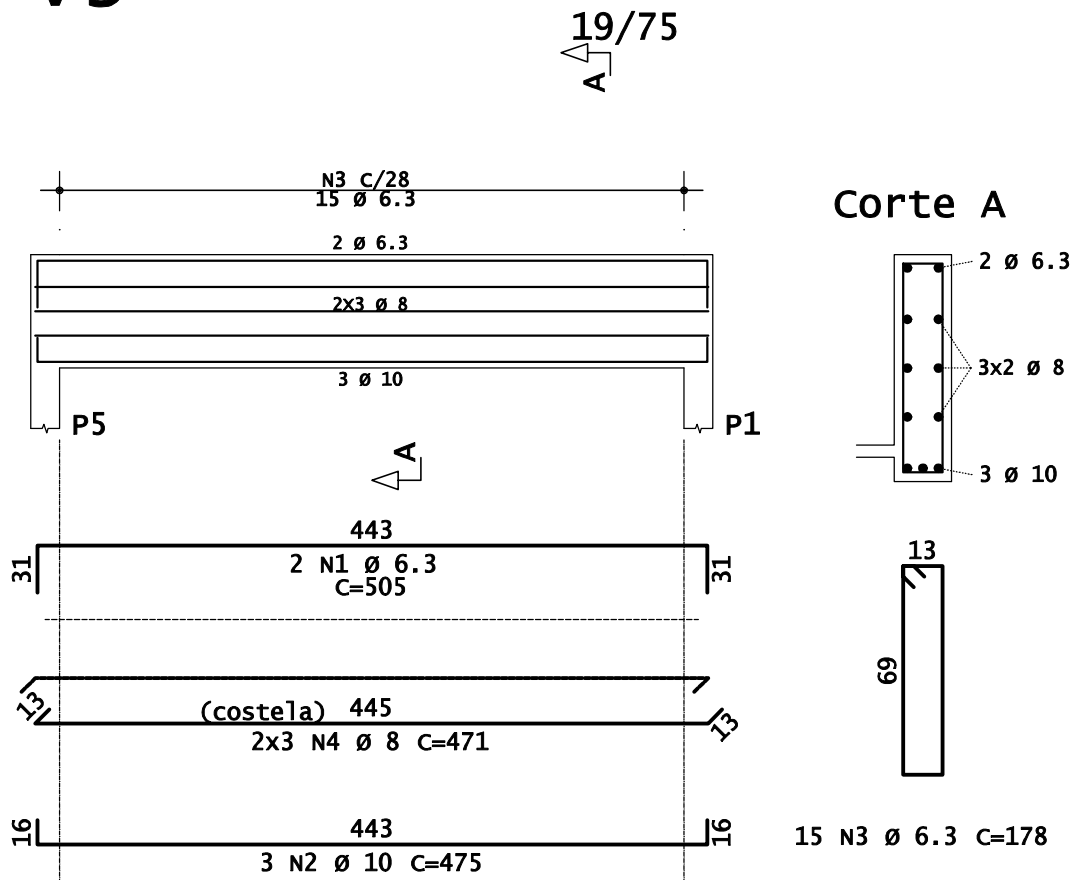


Corte A

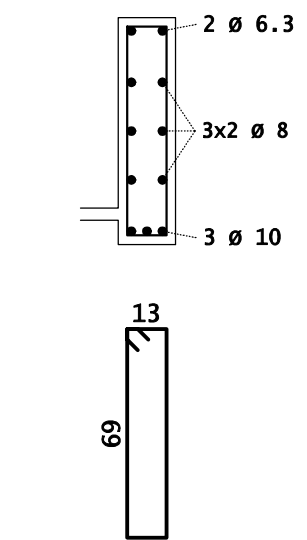


17 N5 Ø 6.3 C=118

V3

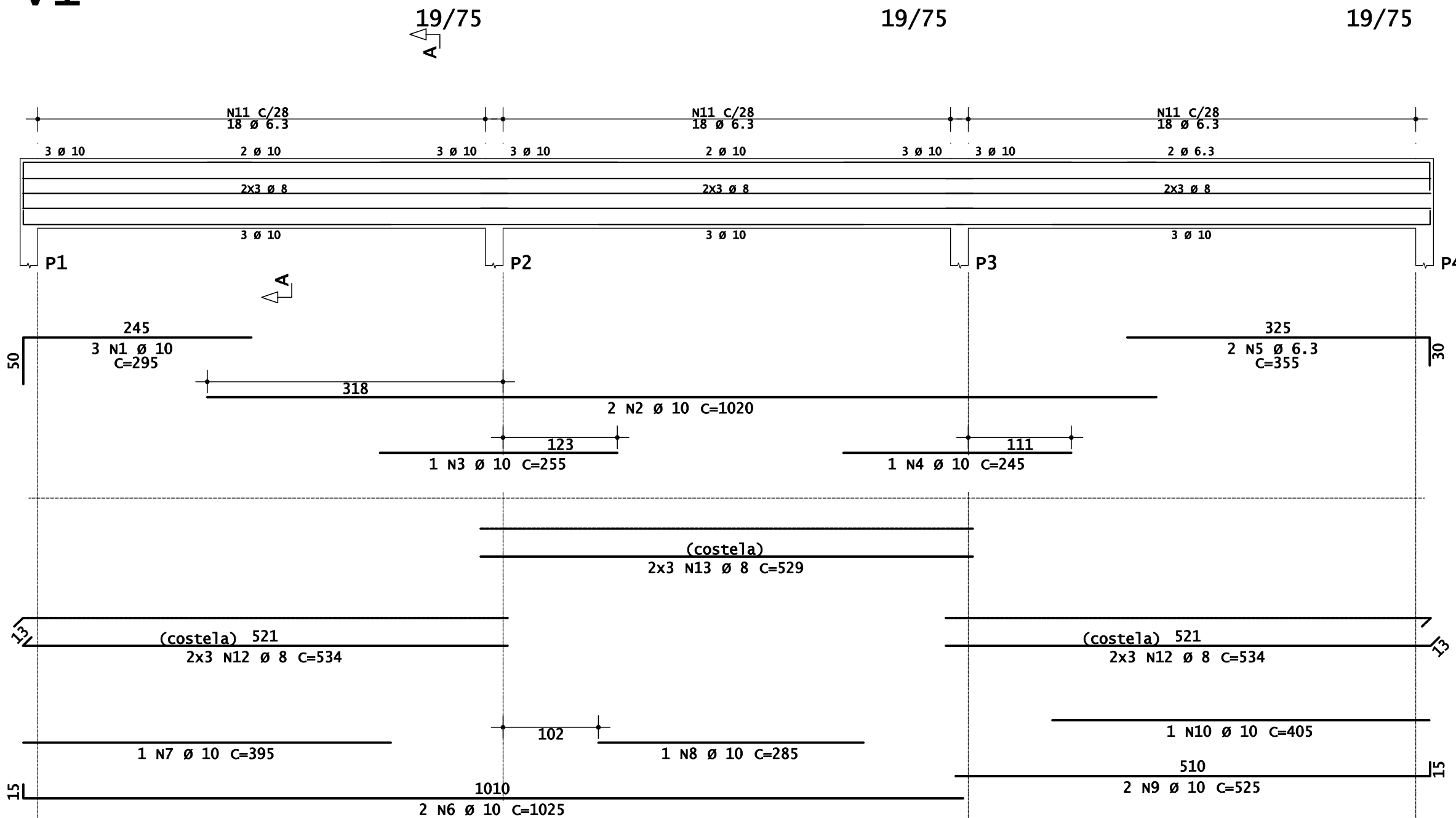


Corte A

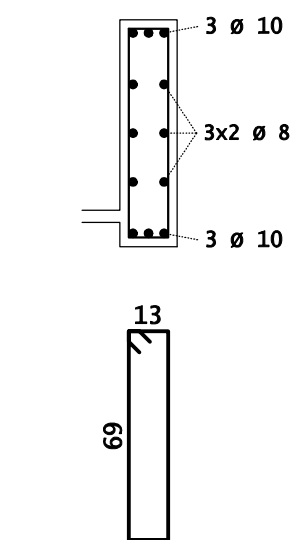


15 N3 Ø 6.3 C=178

V1

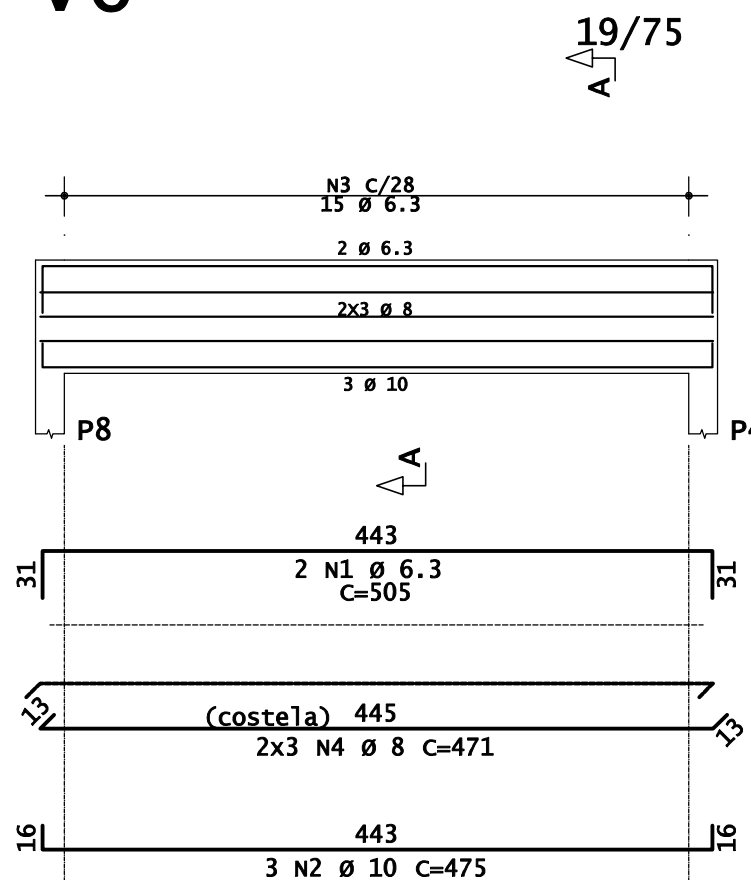


Corte A

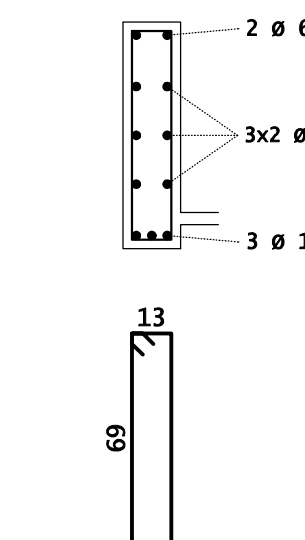


54 N11 Ø 6.3 C=178

V6



Corte A



15 N3 Ø 6.3 C=178

AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
V1					
50A	1	10	3	295	885
50A	2	10	2	1020	2040
50A	3	10	1	255	255
50A	4	10	1	245	245
50A	5	6.3	2	355	710
50A	6	10	2	1025	2050
50A	7	10	1	395	395
50A	8	10	1	285	285
50A	9	10	2	525	1050
50A	10	10	1	405	405
50A	11	6.3	54	178	9612
50A	12	8	12	534	6408
50A	13	8	6	529	3174
V2					
50A	1	10	3	295	885
50A	2	10	2	1020	2040
50A	3	10	2	245	490
50A	4	6.3	2	210	420
50A	5	10	3	195	585
50A	6	10	2	1025	2050
50A	7	10	1	405	405
50A	8	10	1	300	300
50A	9	10	2	525	1050
50A	10	10	1	410	410
50A	11	6.3	54	178	9612
50A	12	8	12	534	6408
50A	13	8	6	529	3174
V3					
50A	1	6.3	2	505	1010
50A	2	10	3	475	1425
50A	3	6.3	15	178	2670
50A	4	8	6	471	2826
V4					
50A	1	6.3	2	255	510
50A	2	10	4	160	640
50A	3	10	2	475	950
50A	4	10	1	350	350
50A	5	6.3	17	118	2006
V5					
50A	1	6.3	2	255	510
50A	2	10	4	160	640
50A	3	10	2	475	950
50A	4	10	1	360	360
50A	5	6.3	17	118	2006
V6					
50A	1	6.3	2	505	1010
50A	2	10	3	475	1425
50A	3	6.3	15	178	2670
50A	4	8	6	471	2826

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
50A	6.3	327	80
50A	8	248	98
50A	10	226	139
Peso Total+10%			50A = 350 kgf