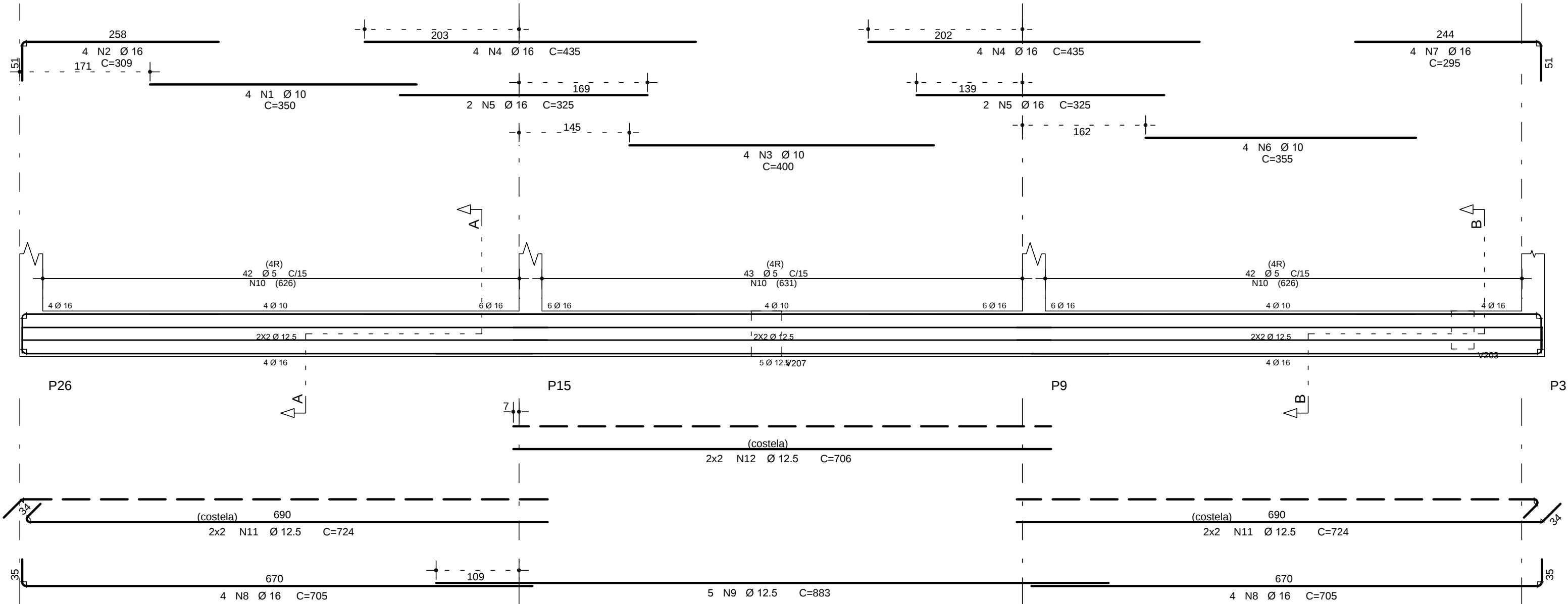
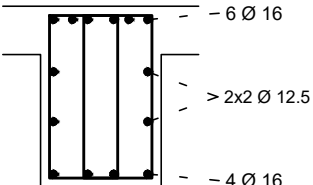


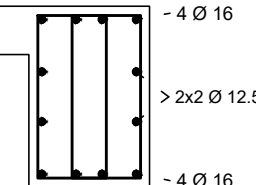
V224 40/60



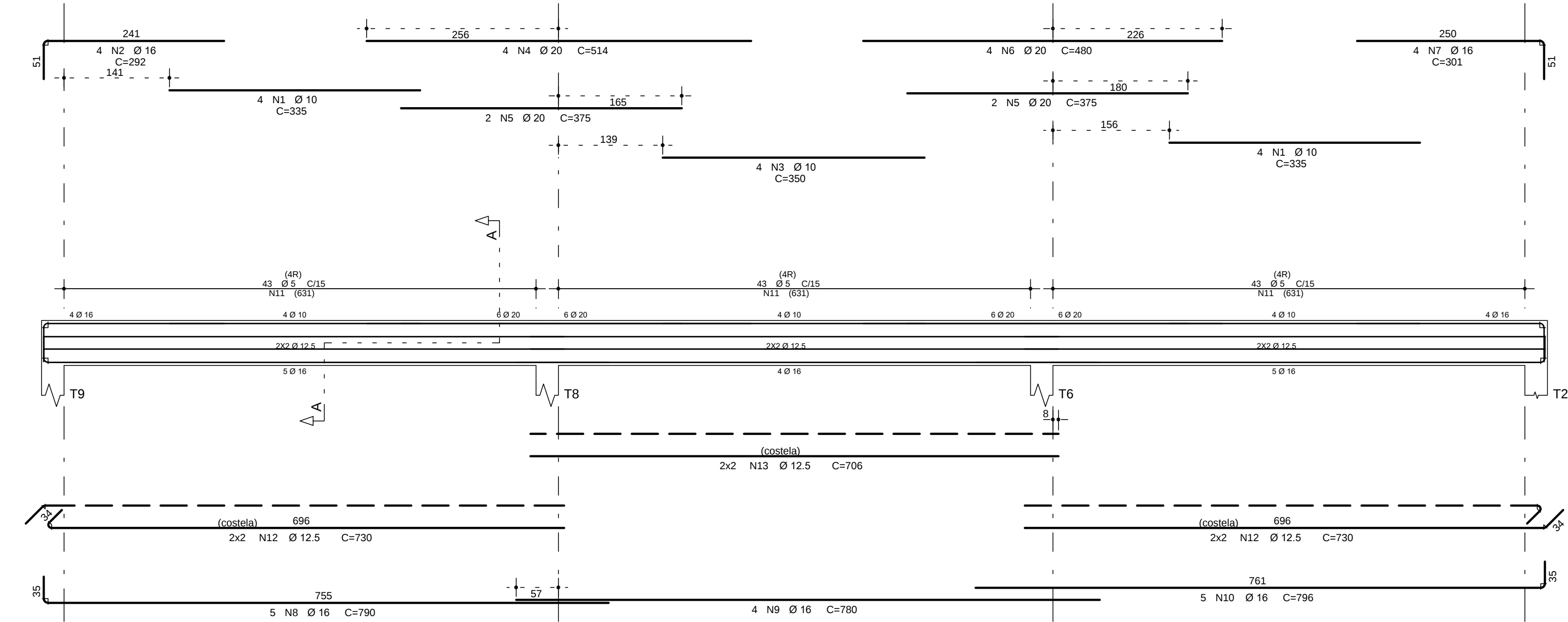
Corte A



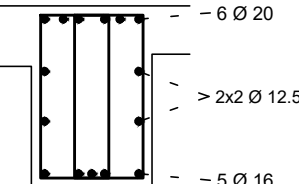
Corte B



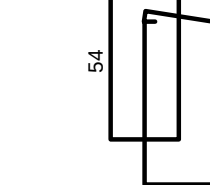
V225 40/60



Corte A

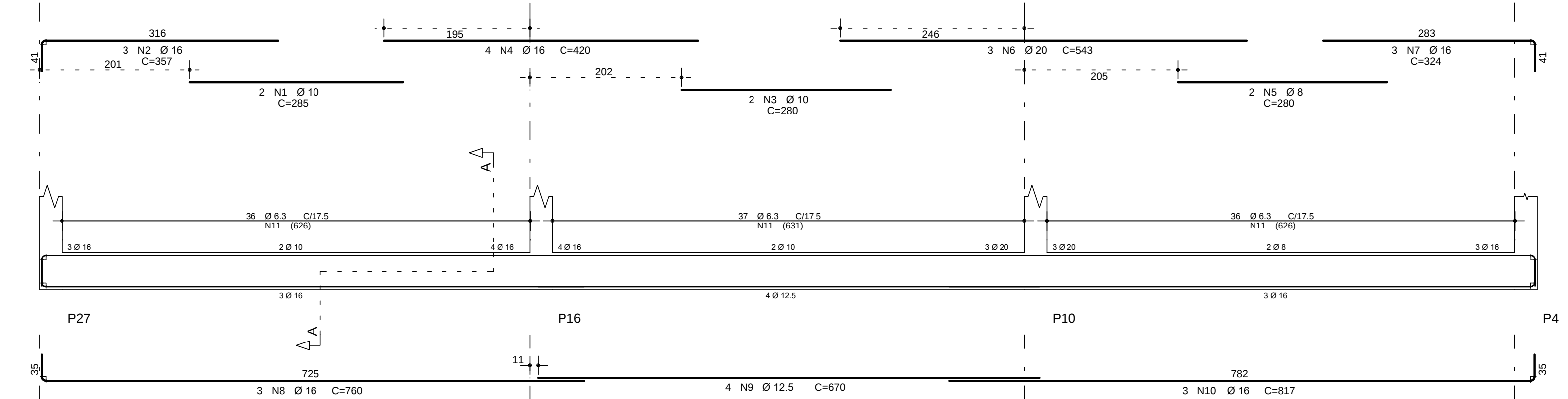


Corte A

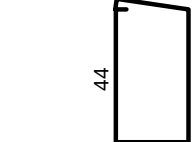
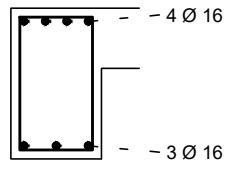


2x129 N11 Ø 5 C=169

V226 30/50



Corte A



109 N11 Ø 6.3 C=152

AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	TOTAL (cm)
V224					
50A	1	10	4	350	1400
50A	2	16	4	309	1236
50A	3	10	4	400	1600
50A	4	16	8	435	3480
50A	5	16	4	325	1300
50A	6	10	4	355	1420
50A	7	16	4	295	1180
50A	8	16	8	705	5640
50A	9	12.5	5	883	4415
50A	10	5	169	42920	719180
50A	11	12.5	8	724	5792
50A	12	12.5	4	706	2824
V225					
50A	1	10	8	335	2680
50A	2	16	4	292	1168
50A	3	10	4	350	1400
50A	4	20	4	514	2056
50A	5	20	4	375	1500
50A	6	20	4	480	1920
50A	7	16	4	301	1204
50A	8	16	5	790	3950
50A	9	16	4	780	3120
50A	10	16	5	796	3980
50A	11	5	258	169	43002
50A	12	12.5	8	730	5840
50A	13	12.5	4	706	2824
V226					
50A	1	10	2	285	570
50A	2	16	3	357	1071
50A	3	10	2	280	560
50A	4	16	4	420	1680
50A	5	8	2	280	560
50A	6	20	3	543	1629
50A	7	16	3	324	972
50A	8	16	3	760	2280
50A	9	12.5	4	670	2680
50A	10	16	3	817	2451
50A	11	6.3	109	152	16568

RESUMO AÇO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60B	5	865	133
50A	6.3	166	41
50A	8	6	2
50A	10	96	59
50A	12.5	244	235
50A	16	347	548
50A	20	71	175
Peso Total	60B =		133 kg
Peso Total	50A =		1060 kg
VOLUME DE CONCRETO =			11,96 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.	
				R. RIACHUELO, 240 - CENTRO CAMPINAS / SP - CEP: 13001-320 FONE/FAX: (19) 3336-1034		EMEI PADRÃO EDIF 2019 08S (NORMAL)	
				SITE: WWW.EXATACAMPINAS.COM.BR EMAIL: CONTATO@EXATACAMPINAS.COM.BR		VÁRIOS - SP	
				AUTOR DO PROJETO: ENG. EDUARDO PRATA		PROJETO ESTRUTURAL - CONCRETO ARMADO FUNDAÇÃO TIPO 2 - COM LAJE	
						ESCALA: 1:50	
						DETALHE ARMAÇÃO DAS VIGAS - V200	
						S - 10/12	