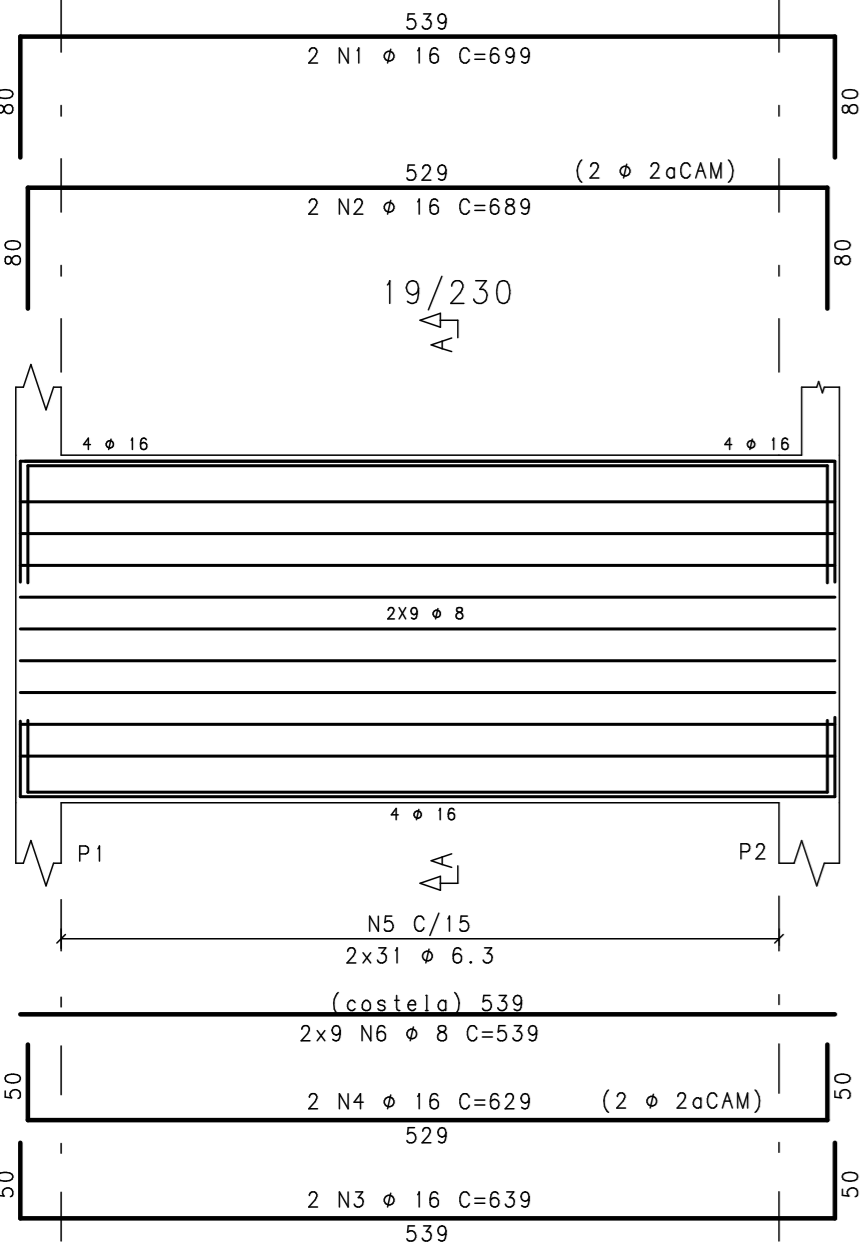
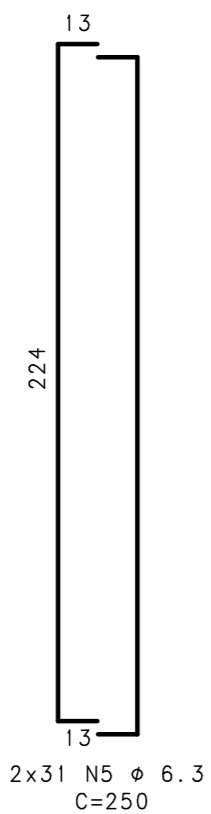


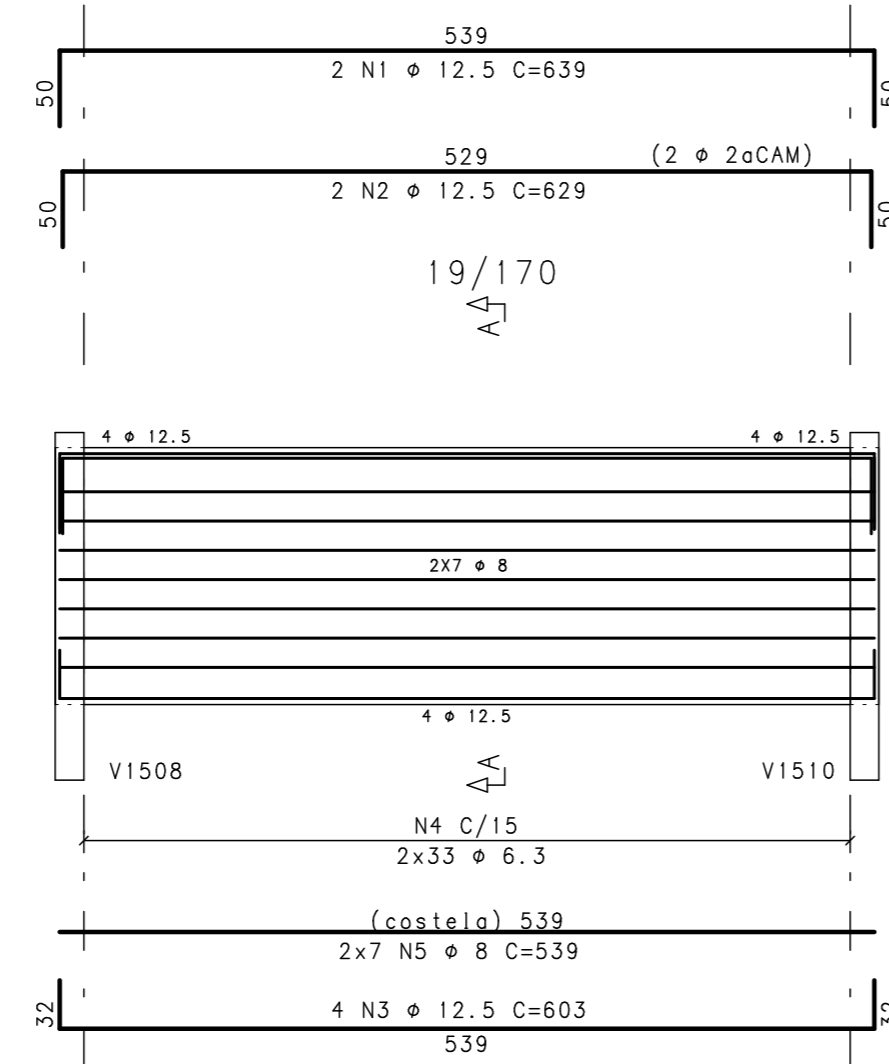
V1501



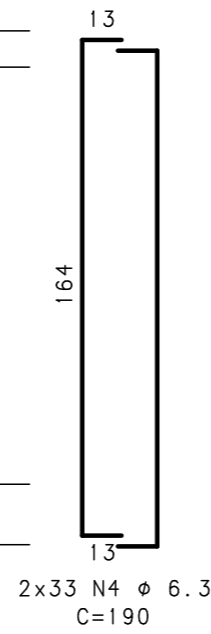
Corte A



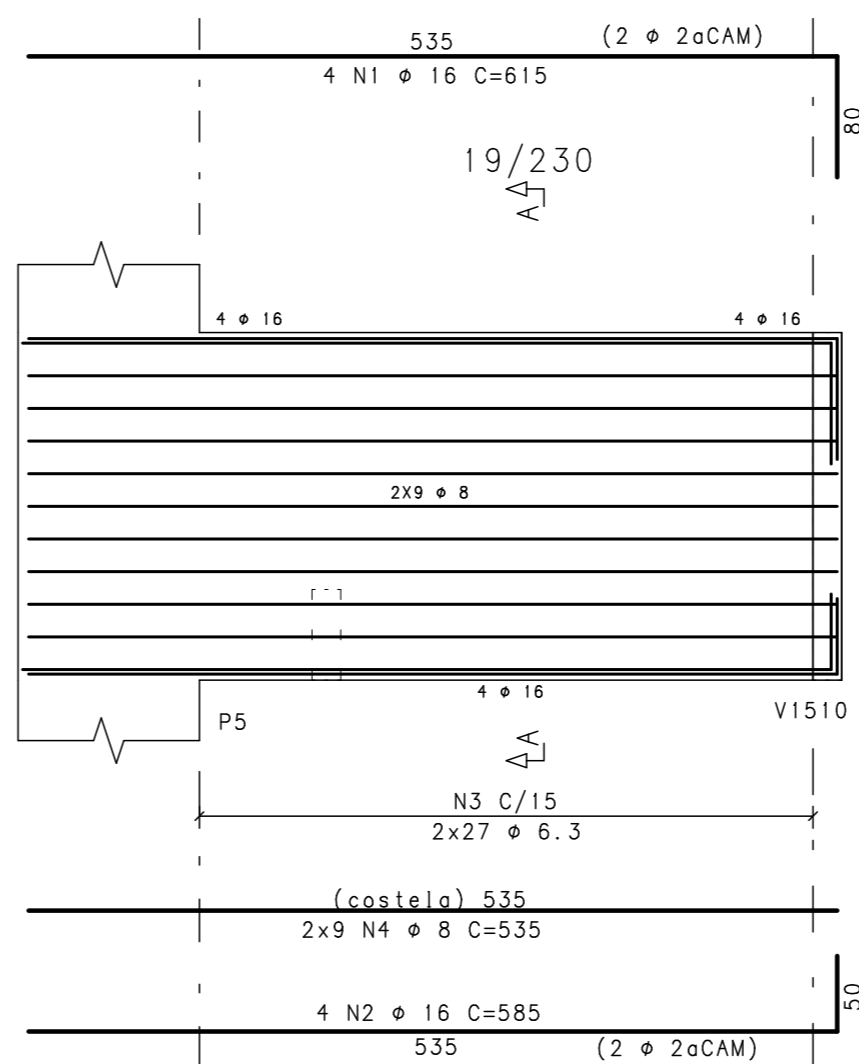
V1502



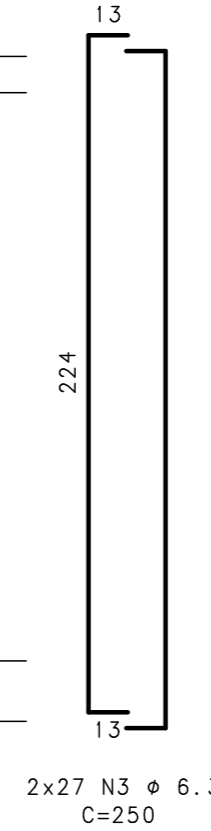
Corte A



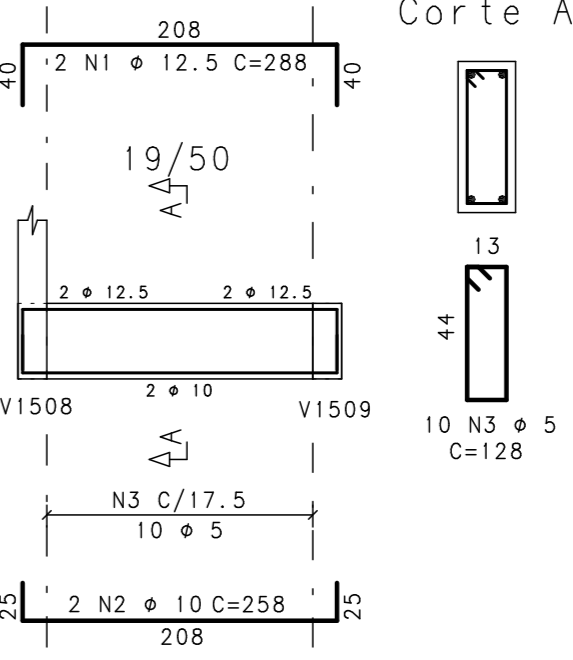
V1503



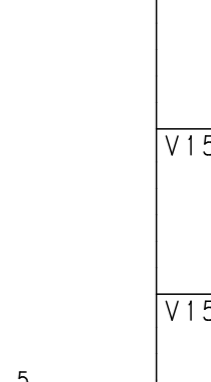
Corte A



V1504



Corte A

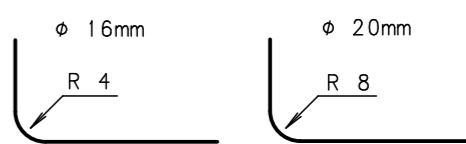


	AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO	
					UNIT (cm)	TOTAL (cm)
V1501	50	1	16	2	699	1398
	50	2	16	2	689	1378
	50	3	16	2	639	1278
	50	4	16	2	629	1258
	50	5	6.3	62	250	15500
50	6	8	18	539	9702	
V1502	50	1	12.5	2	639	1278
	50	2	12.5	2	629	1258
	50	3	12.5	4	603	2412
	50	4	6.3	66	190	12540
V1503	50	5	8	14	539	7546
	50	1	16	4	615	2460
	50	2	16	4	585	2340
	50	3	6.3	54	250	13500
V1504	50	4	8	18	535	9630
	50	1	12.5	2	288	576
	50	2	10	2	258	516
	60	3	5	10	128	1280
V1505	50	1	16	2	649	1298
	50	2	16	2	370	740
	50	3	16	2	639	1278
	50	4	16	2	629	1258
	50	5	6.3	66	250	16500
V1506	50	6	8	18	539	9702
	50	1	10	2	255	510
	50	2	20	2	415	830
	50	3	20	2	629	1258
V1507	50	4	20	2	639	1278
	50	5	6.3	66	240	15840
	50	6	8	18	539	9702
	50	1	10	2	305	610
V1508	50	2	16	4	370	1480
	50	3	16	2	639	1278
	50	4	16	2	629	1258
	50	5	6.3	66	250	16500
	50	6	8	18	547	9846
V1509	50	1	16	4	825	3300
	50	2	16	4	1200	4800
	50	3	16	2	1050	2100
	50	4	16	2	400	800
	50	5	16	4	920	3680
	50	6	6.3	188	250	47000
	50	7	8	18	1014	18252
V1510	50	8	8	18	889	16002
	50	1	12.5	2	219	438
	50	2	10	2	179	358
60	3	5	7	128	896	

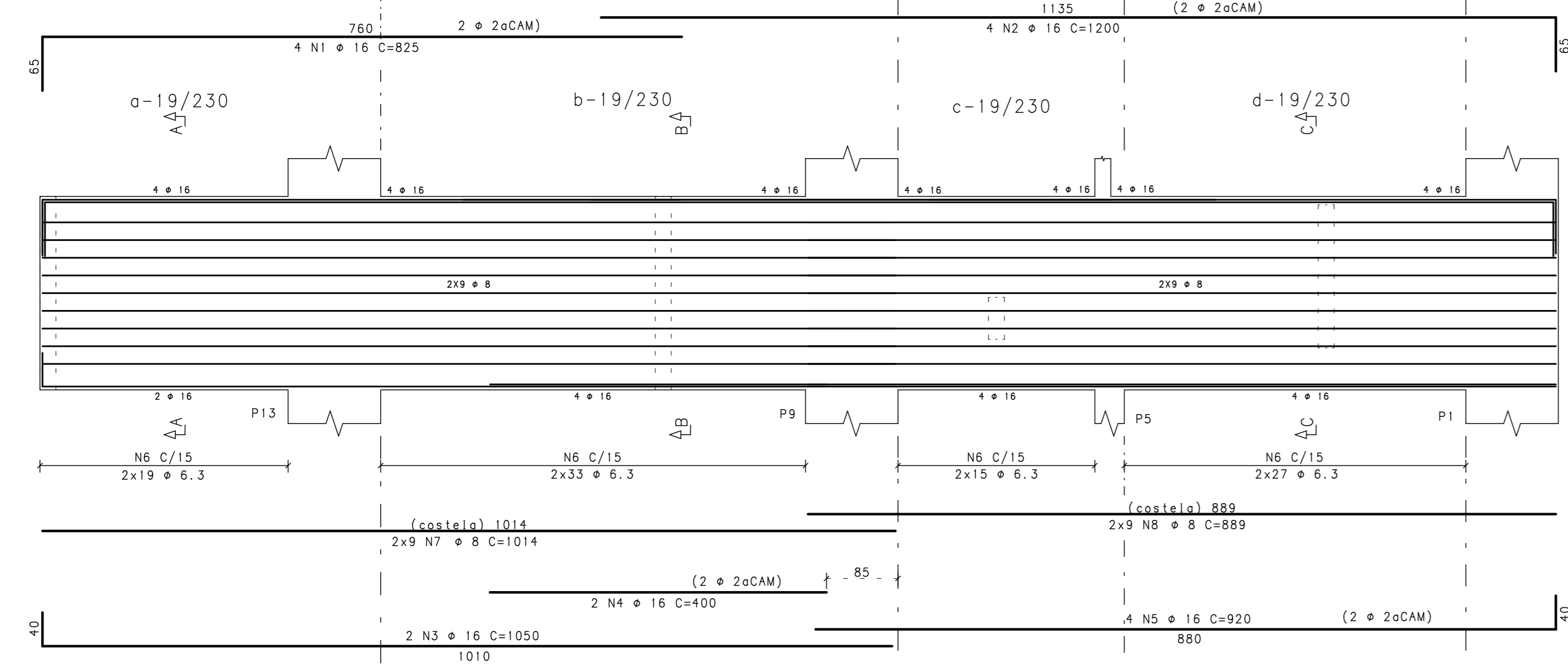
RESUMO AÇO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60	5	22	3
50	6.3	1374	343
50	8	904	362
50	10	20	13
50	12.5	60	60
50	16	334	534
50	20	34	84
Peso Total		60 =	3 kg
Peso Total		50 =	1395 kg

NOTAS:

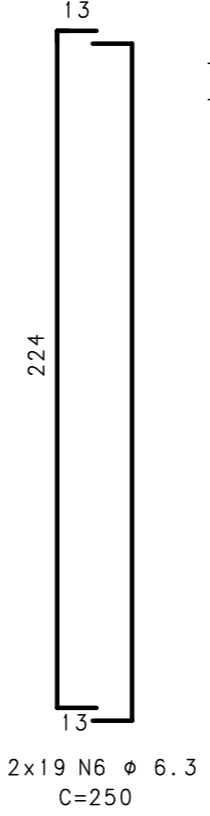
- 1-CONCRETO $f_{ck} \geq 35MPa$; FATOR ÁGUA/CIMENTO=0.50
- 2-MEDIDAS EM CENTÍMETRO, NÍVEIS EM METRO
- 3-COBRIMENTO DAS VIGAS = 3,0cm
- 4-O ESPACAMENTO ENTRE 1a. E 2a. CAMADA DE ARMADURAS NAS VIGAS, QUANDO EXISTIR, É DE NO MÍNIMO 2cm OU UM DIÂMETRO DA BARRA
- 5-RAIO DE DOBRA PARA BARRA:



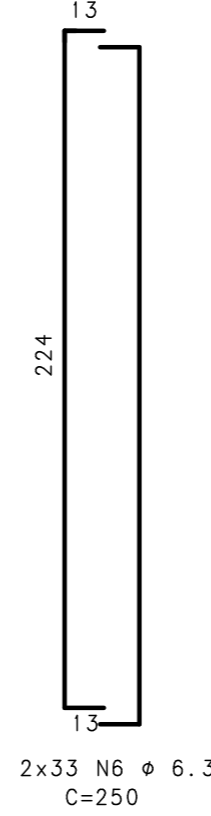
V1508



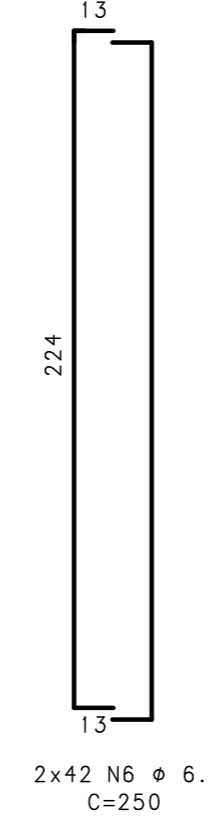
Corte A



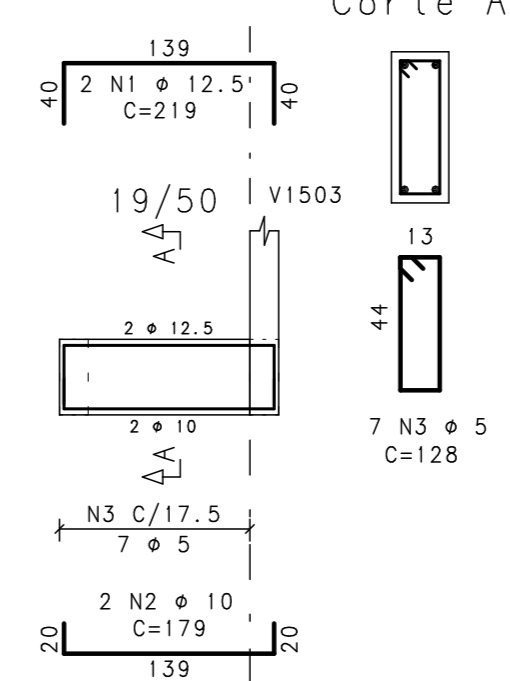
Corte B



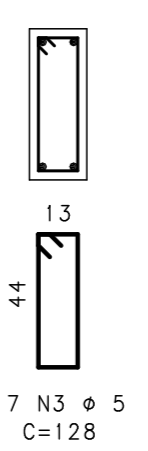
Corte C




V1509



Corte A



REVISÃO		DESCRIÇÃO		PROJ.	DATA
00	EMISSION INICIAL				25/09/14
REVISÕES					
MINISTÉRIO PÚBLICO DE MINAS GERAIS					
LOGRADOURO		RUA MARECHAL FLORIANO		BAIRRO CENTRO	
LOTE	001P	QUADRA	45	ÁREA TERRENO	824,85 m2
USO	INSTITUCIONAL			ÁREA CONSTRUÍDA	6859,29 m2
PROJETO DE ESTRUTURA DE CONCRETO					
TÍTULO PROJETO EXECUTIVO					DATA 25/09/2014
CONTEÚDO ARMAÇÃO DAS VIGAS DO FUNDO DA CAIXA D'ÁGUA (01/02)					
RESPONSÁVEIS					
 CNPJ: 02.498.391/0001-41			ORGÃO MPMG MINISTÉRIO PÚBLICO DO ESTADO DE MG		
RT EMPRESA			PROPRIETÁRIO		
GERALDO JOSÉ DE OLIVEIRA SILVA /CREA-MG 18.641/D					
MARCIO JOSÉ DE REZENDE GONCALVES /CREA-MG 35.945/D			PROCURADORIA GERAL DE JUSTIÇA DE MINAS GERAIS		
COORDENADOR			FISCALIS DO CONTRATO		
ÉRIKA R. C. PENNA E PINHO - CAU A25218-2			DANIELA TEIXEIRA DINIZ ANDRADE		
N CONTRATO CT 233/2013		FORMATO A1		CARLA BORGES DA COSTA	

FOLHA 130/133