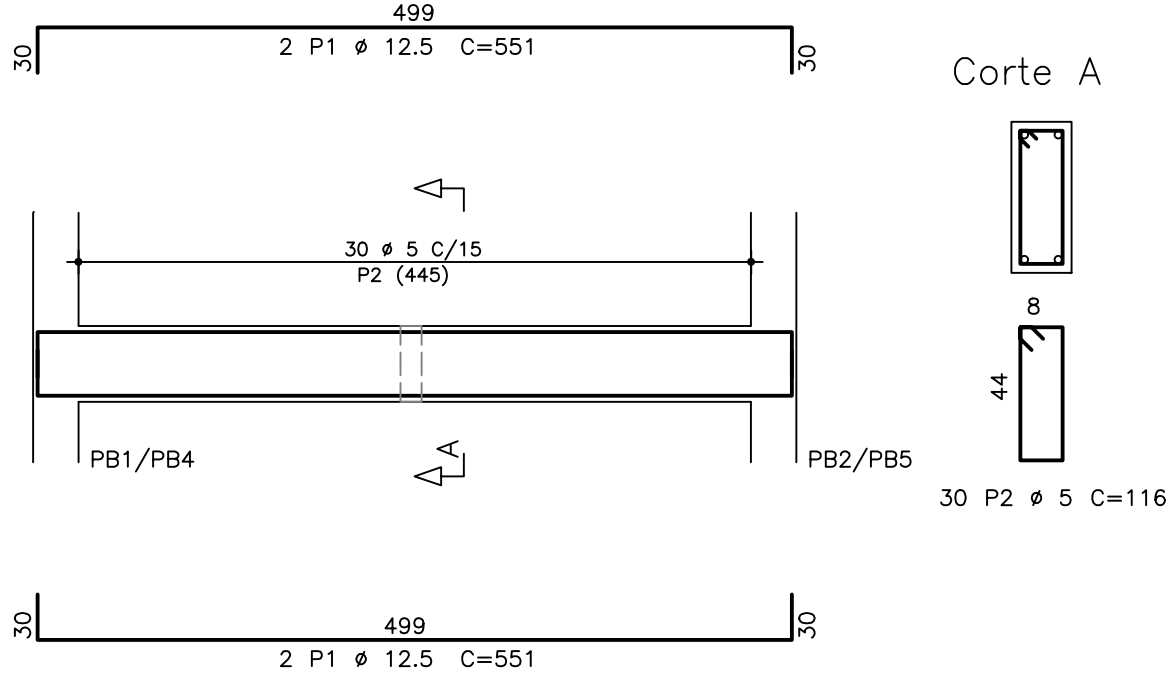
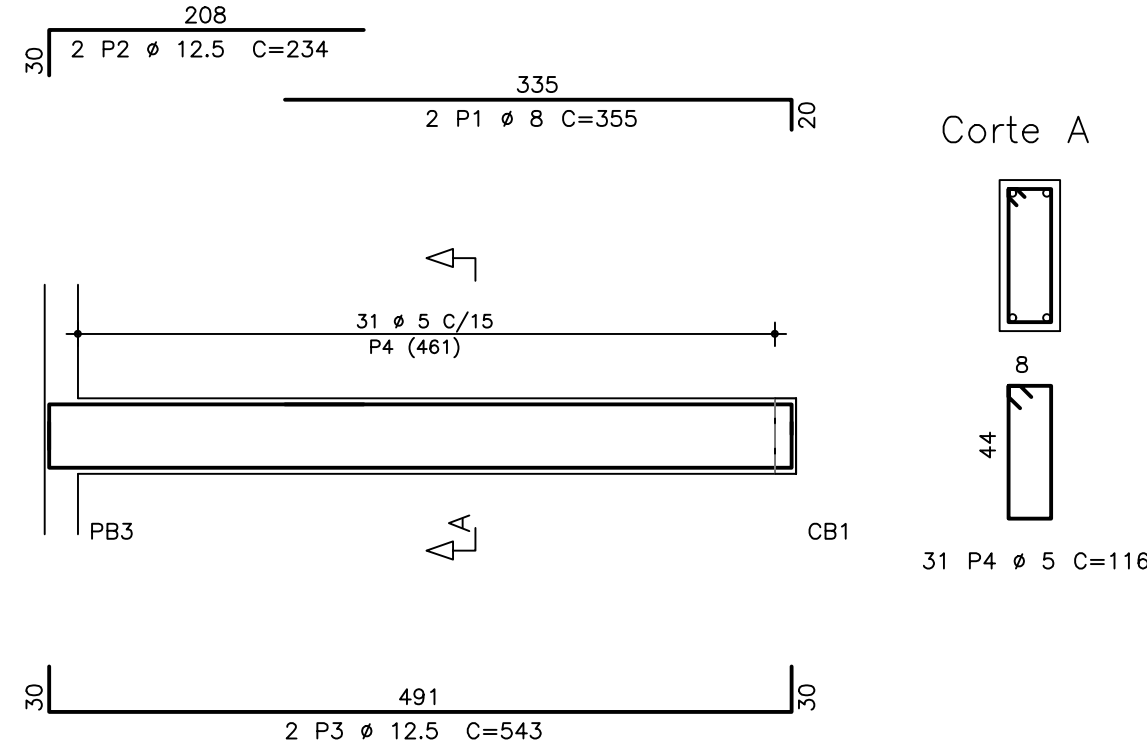


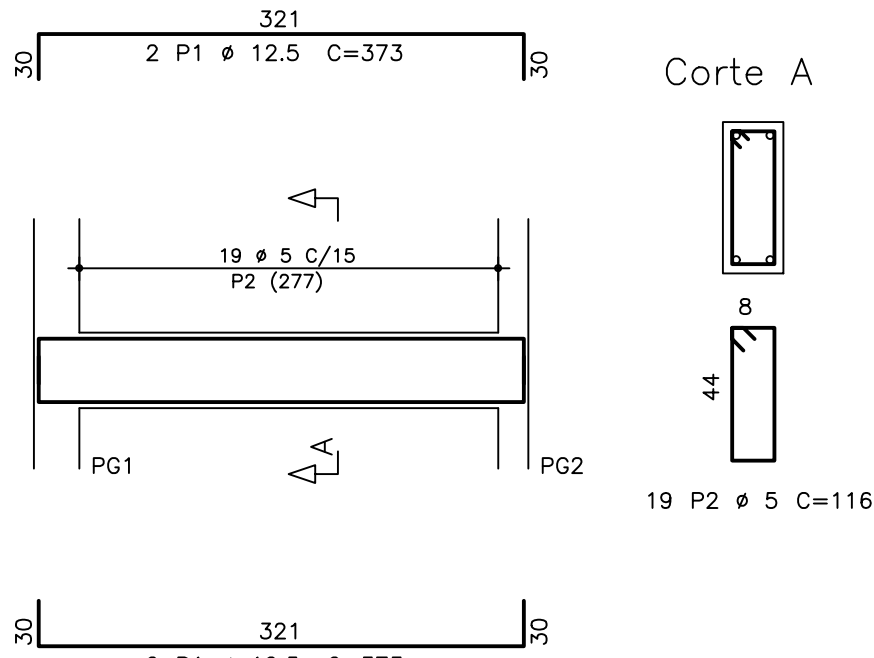
CB1=CB2 14/50



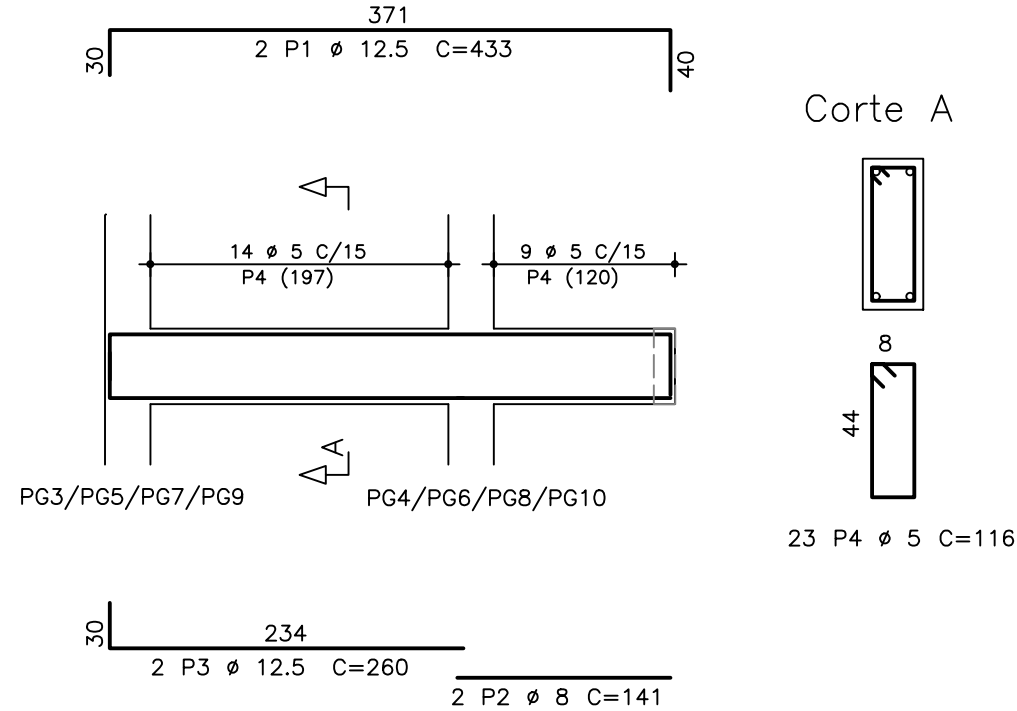
CB3 14/50



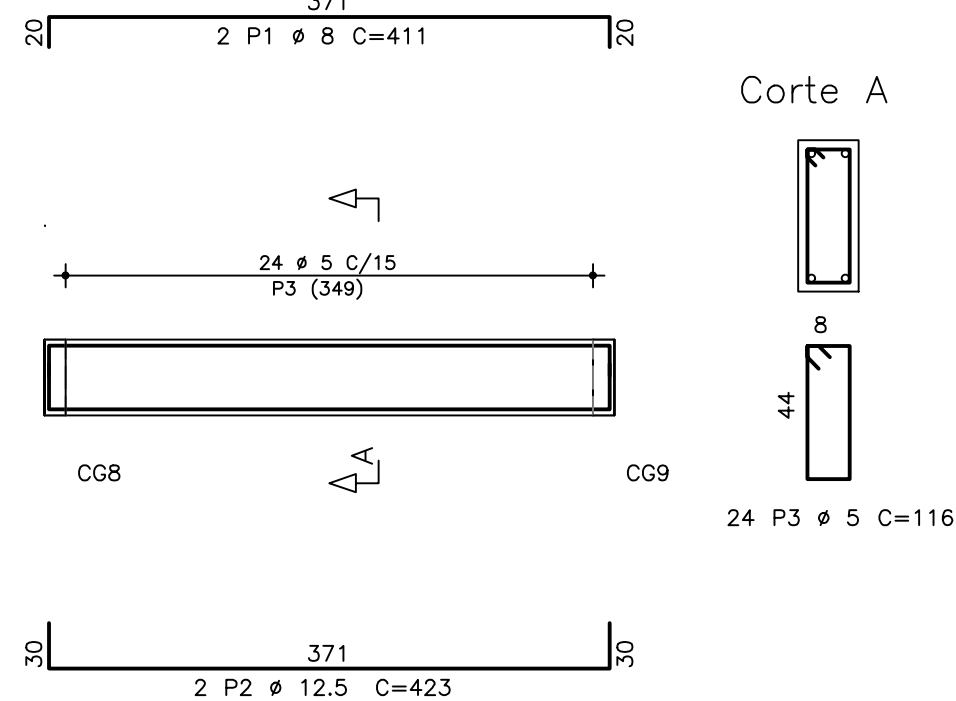
CG1 14/50



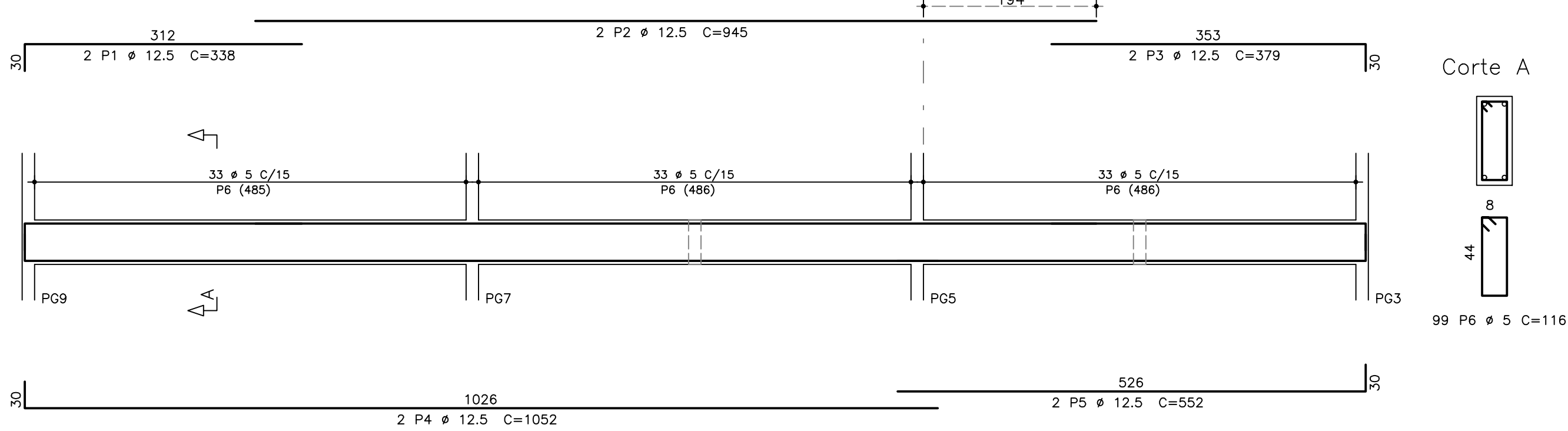
CG2=CG4=CG6=CG7 14/50



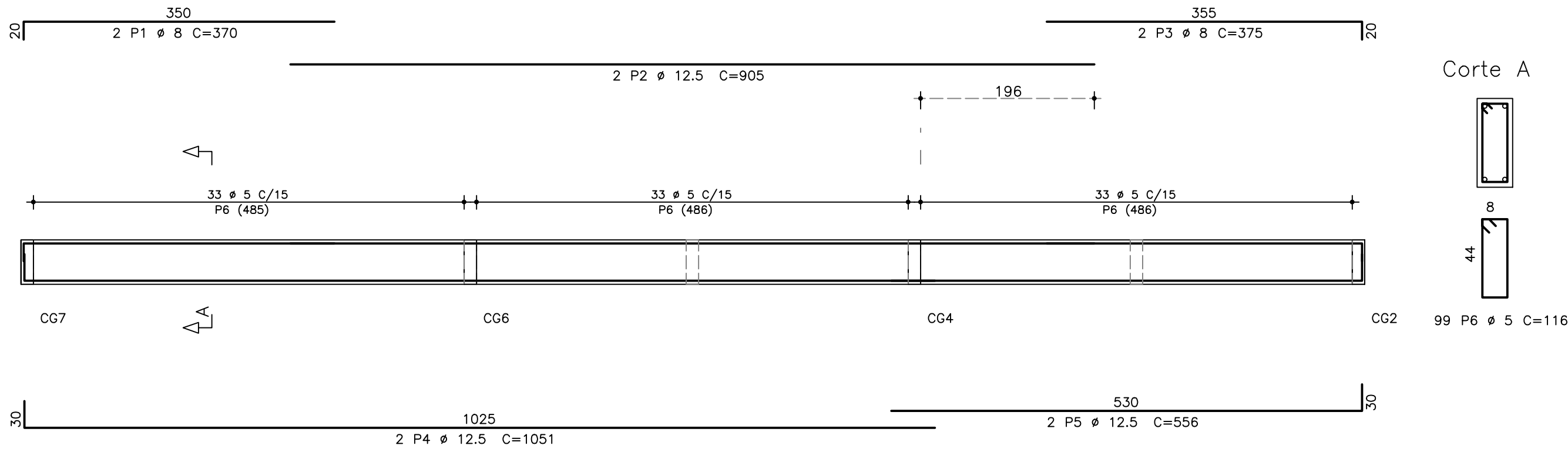
CG3=CG5 14/50



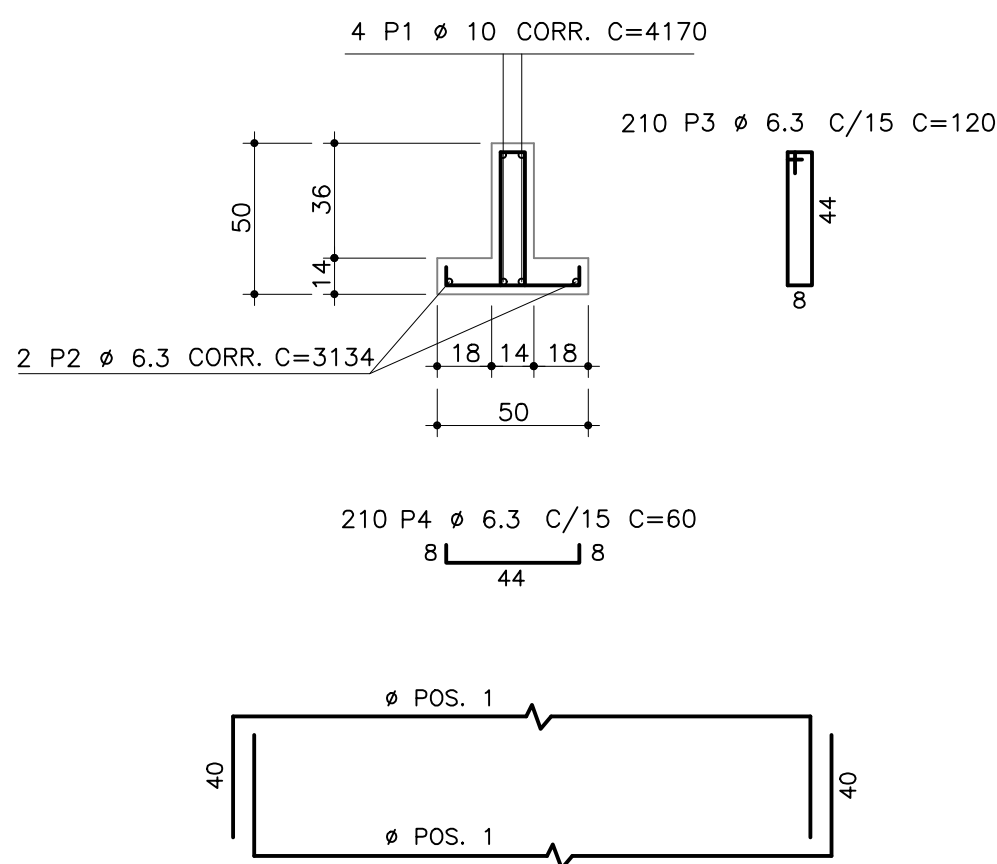
CG8 14/50



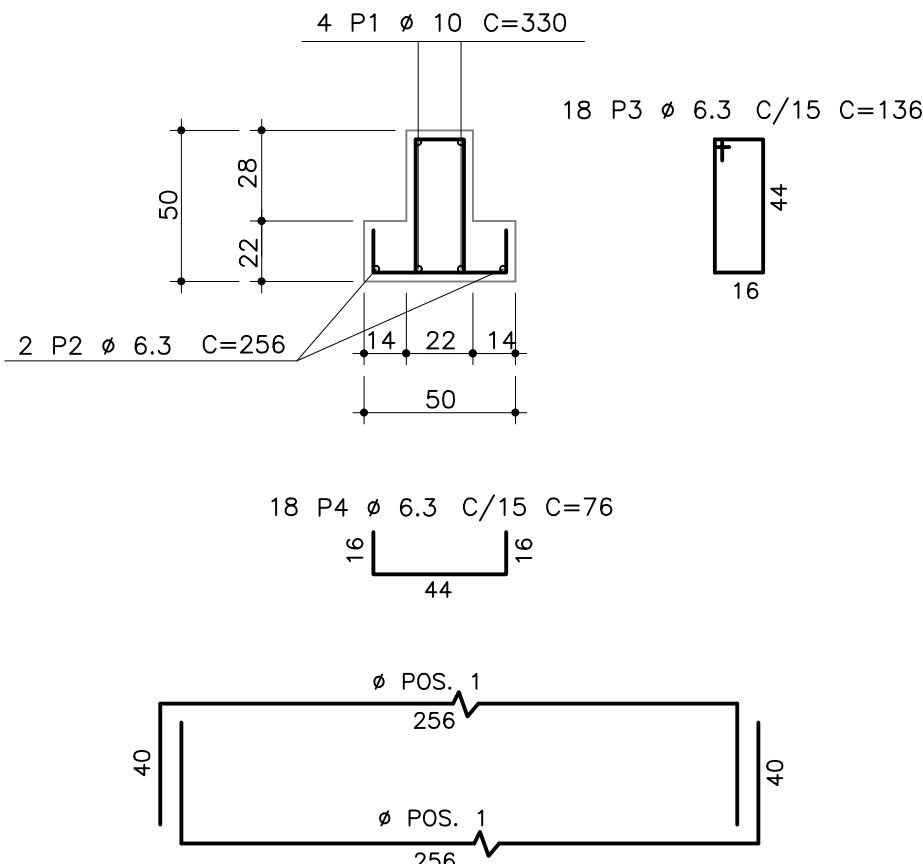
CG9 14/50



SCB1+SCB3 a SCB9+SCG1 a SCG6



SCB2



AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO	
				UNIT (cm)	TOTAL (cm)
CB1=CB2 (X2)					
50	1	12.5	8	551	4408
60	2	5	60	116	6960
CB3					
50	1	8	2	355	710
50	2	12.5	2	234	468
50	3	12.5	2	543	1086
60	4	5	31	116	3596
CG1					
50	1	12.5	4	373	1492
60	2	5	19	116	2204
CG2=CG4=CG6=CG7 (X4)					
50	1	12.5	8	433	3464
50	2	8	8	141	1128
50	3	12.5	8	260	2080
60	4	5	92	116	10672
CG3=CG5 (X2)					
50	1	8	4	411	1644
50	2	12.5	4	423	1692
60	3	5	48	116	5568
CG8					
50	1	12.5	2	338	676
50	2	12.5	2	945	1890
50	3	12.5	2	379	758
50	4	12.5	2	1052	2104
50	5	12.5	2	552	1104
60	6	5	99	116	11484
CG9					
50	1	8	2	370	740
50	2	12.5	2	905	1810
50	3	8	2	375	750
50	4	12.5	2	1051	2102
50	5	12.5	2	556	1112
60	6	5	99	116	11484
SCB1+SCB3 a SCB9+SCG1 a SCG6					
50	1	10	4	4170	16680
50	2	6.3	2	3134	6268
50	3	6.3	210	120	25200
50	4	6.3	210	60	12600
SCB2					
50	1	10	4	330	1320
50	2	6.3	2	256	512
50	3	6.3	18	136	2448
50	4	6.3	18	76	1368

RESUMO AÇO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60	5	520	83
50	6.3	484	121
50	8	50	20
50	10	180	113
50	12.5	262	262
Peso Total		60 =	83 kg
Peso Total		50 =	517 kg

DETALHE DE DOBRAMENTO DOS FERROS	Ø	RAIO (cm)	DESCONTO(cm)
	10.0	7.5	3.0
	12.5	9.3	4.0
	16.0	12.0	5.0
	20.0	15.0	6.0
	25.0	18.5	8.0

REVISÃO	DESCRIÇÃO	SOLICITADO POR	DATA	RESPONSÁVEL

TAUFIG ASFURA
CREA 1086 - PE/PN

ITALO B. SCHMITZ
CREA PE045.442

GAMAL ASFURA
CREA 16973 - PE/PN

RUA ARNÓBIO MARQUES, 271 - STO. AMARO - RECIFE-PE - CEP:50.100-130.
FONE:(081)3222-6652 - FAX:3231-2500

RECIFE-PE - CEP:50.100-130.
E-MAIL:engestipe@terra.com.br

OBRA	GINÁSIO DE ESPORTES (PREFEITURA DE LIMOEIRO)	
01/2017	LIMOEIRO - PE	ESCALA
	RESP. TÉCNICO	CA- 50 e 60
	GAMAL ASFURA	1:50 e 1:25
	PROJETO	CONCRETO
	ESTRUTURAL	fck > 35 MPa
DESENHO	ARQUIVO	ABRIL/2017
AMARO CORTEZ	POB-01.DWG	REVISÃO
		0
FUNDAÇÃO DA BILHETERIA E GERÊNCIA - ARMAÇÃO DAS CINTAS E SAPATAS CORRIDAS		

P08/01