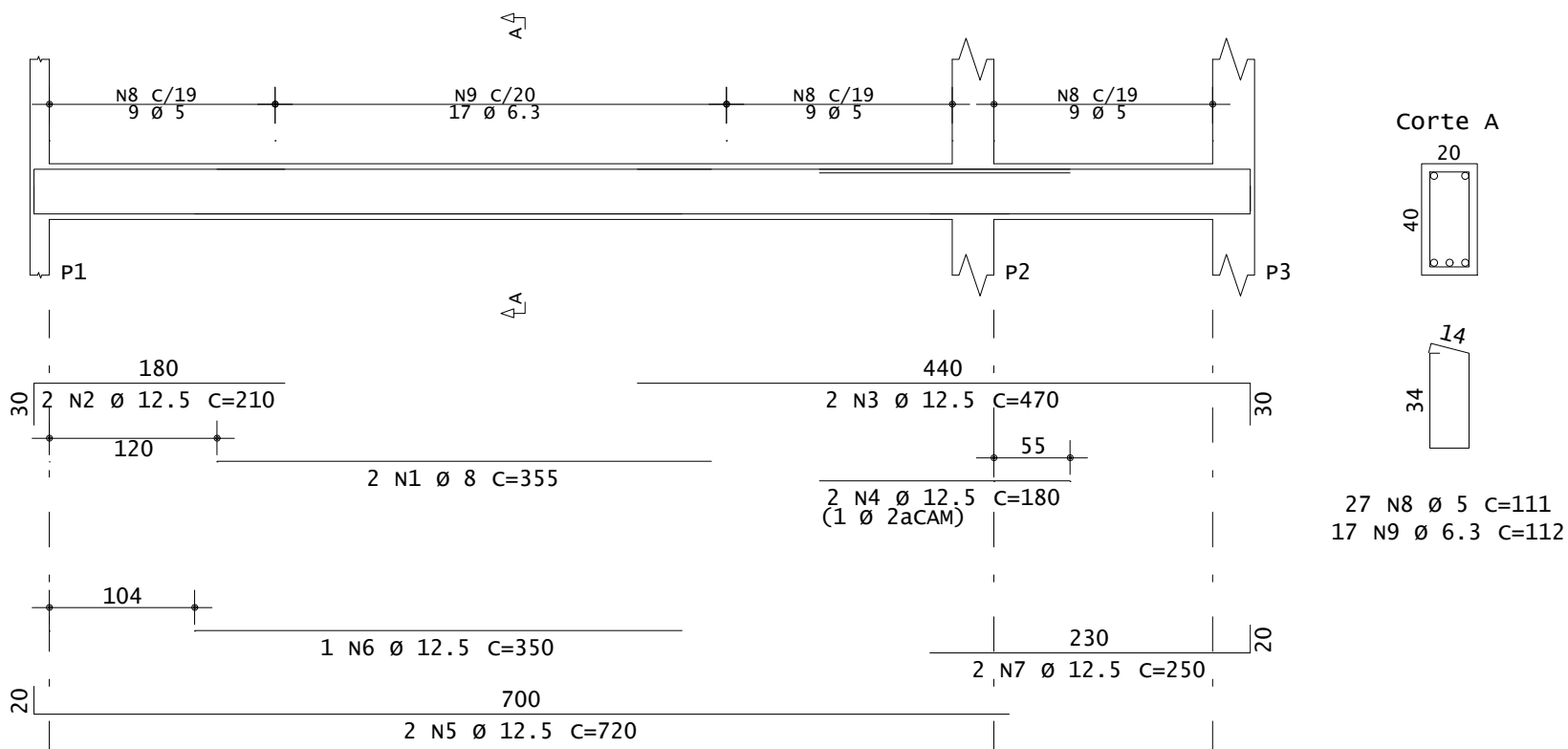
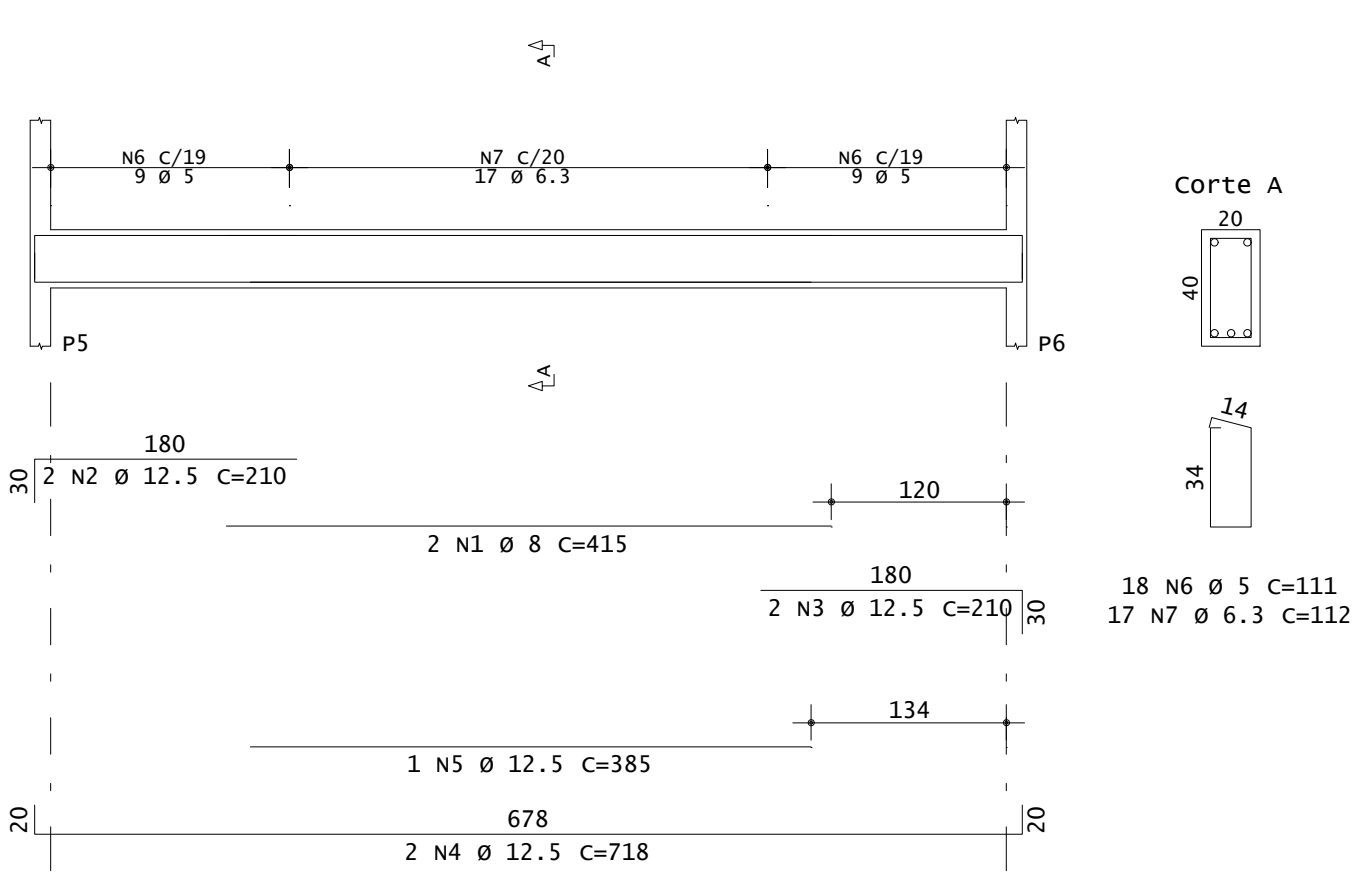


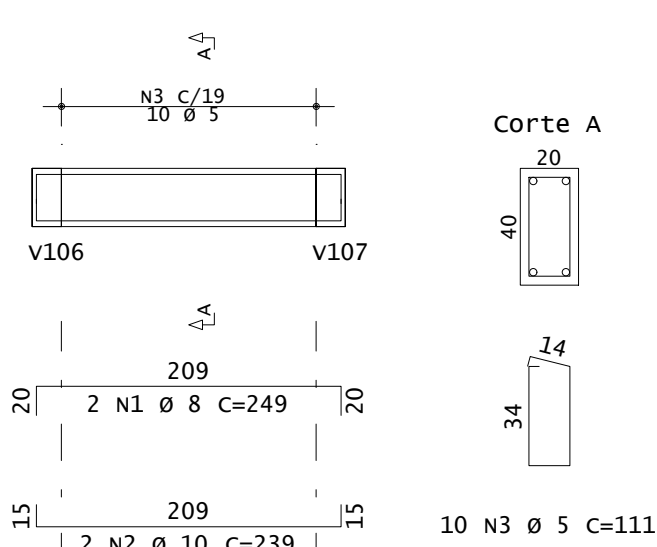
V101 20x40



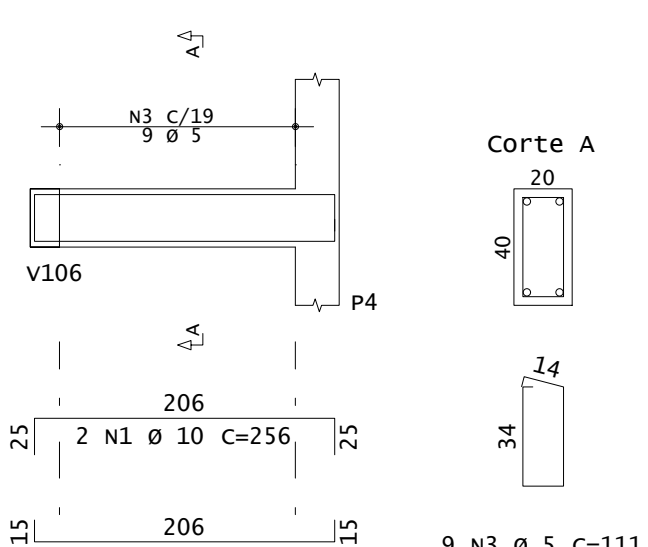
V104 20x40



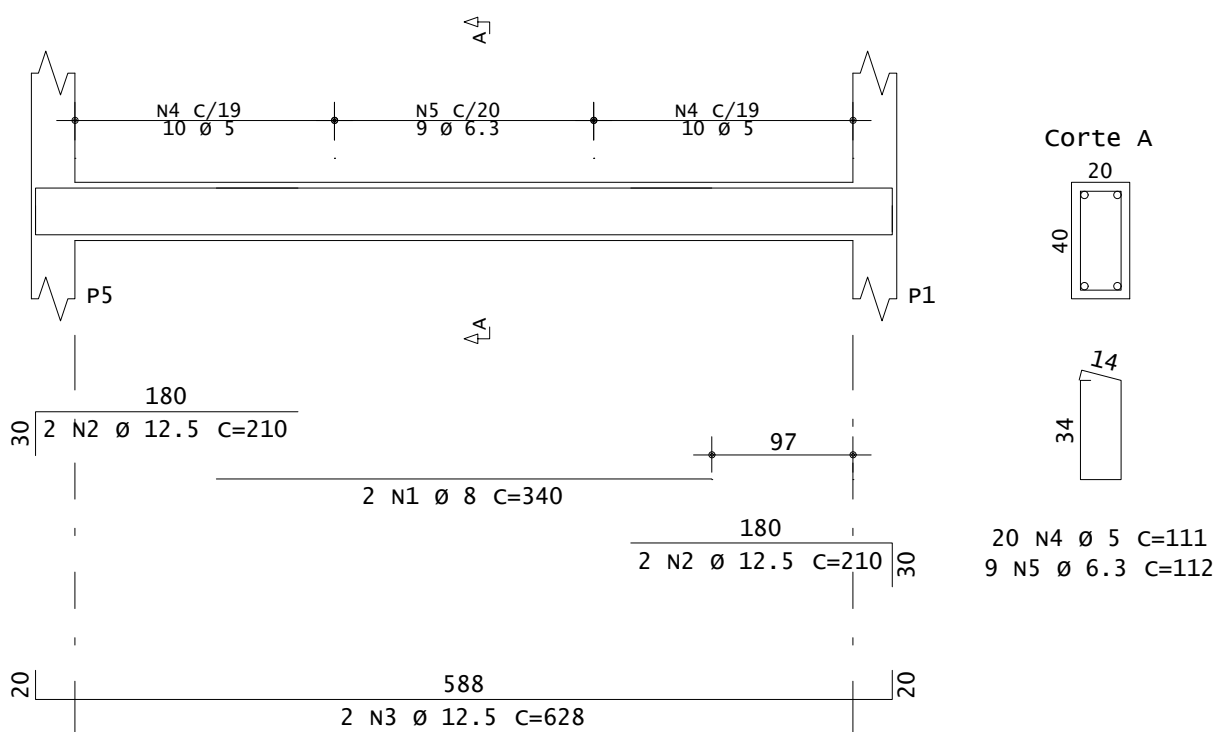
V102 20x40



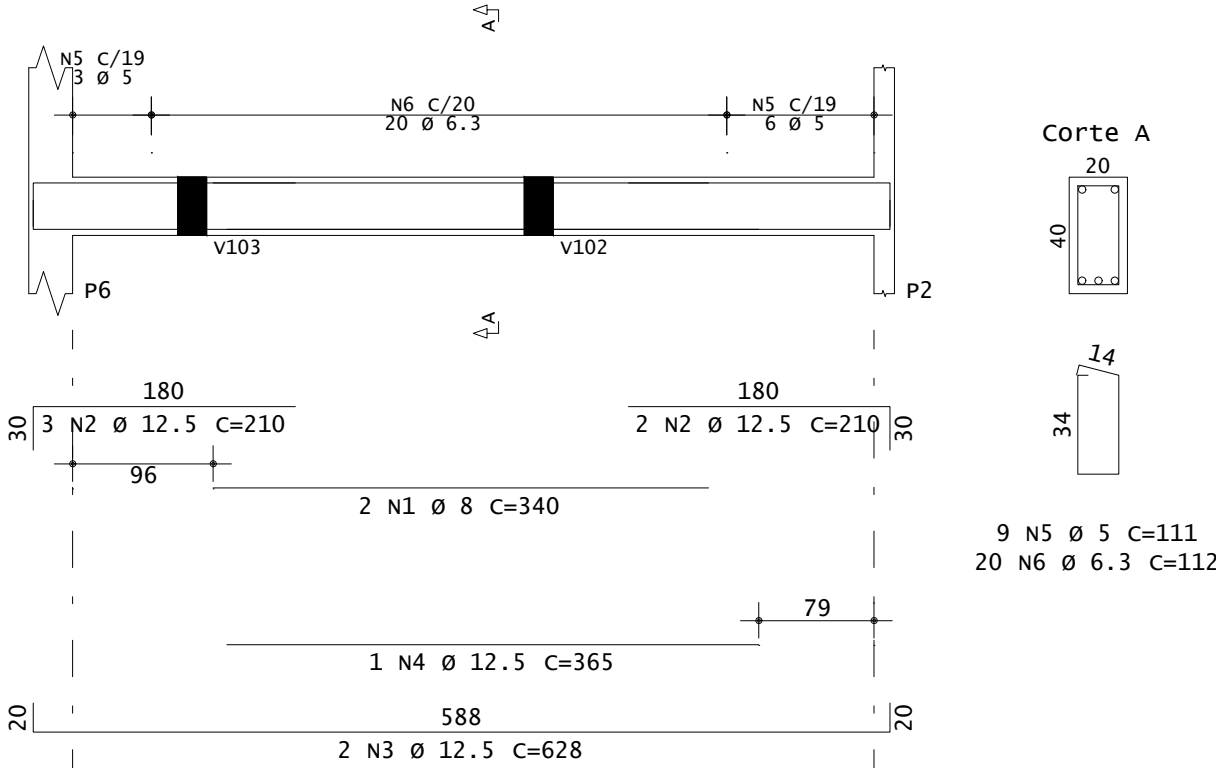
V103 20x40



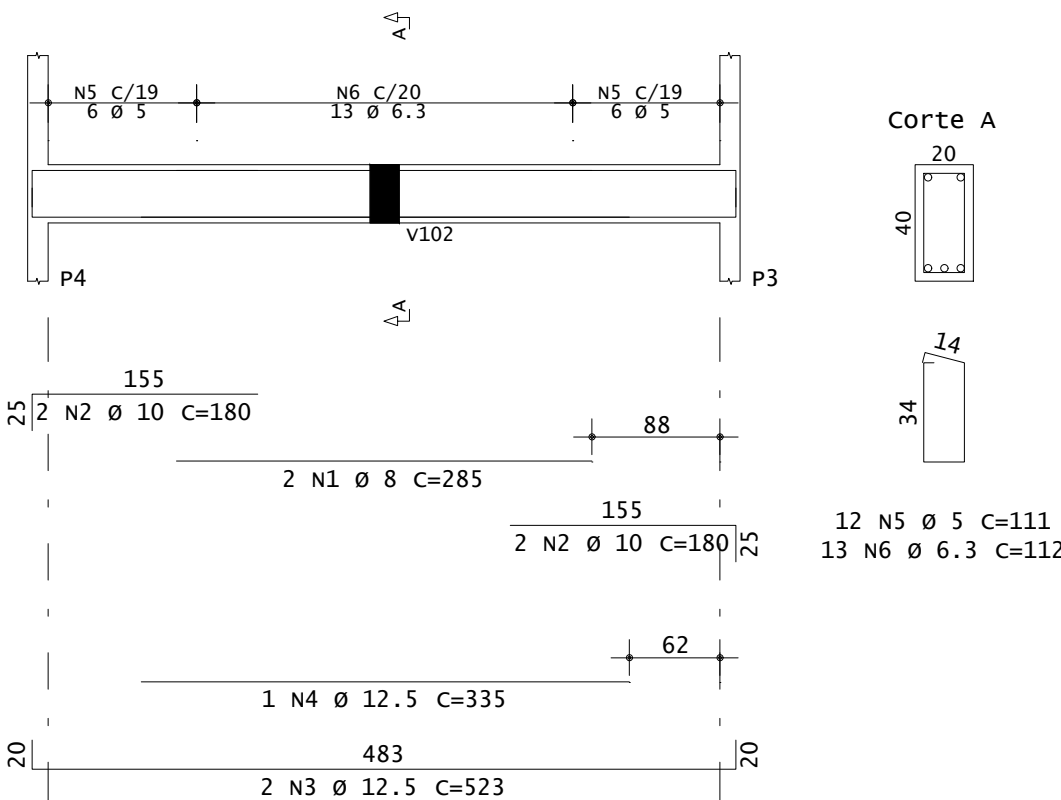
V105 20x40



V106 20x40



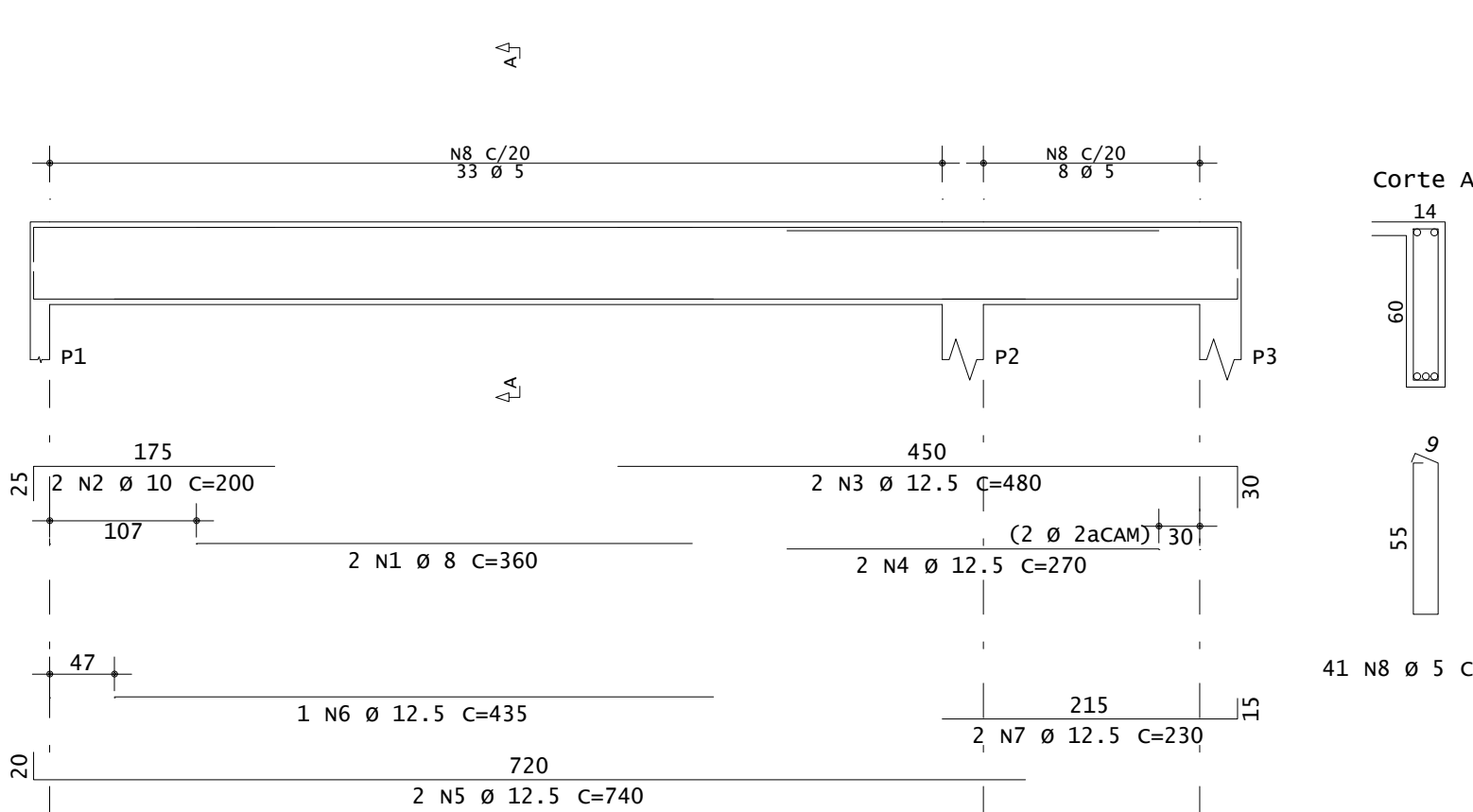
V107 20x40



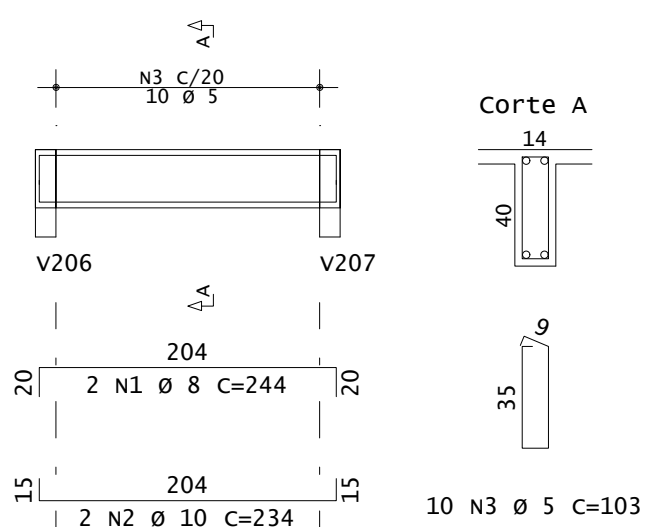
ESPECIFICAÇÕES - COBERTURA

- 1) CLASSE DE CONCRETO:
NBR8953
fck >= 25 MPa
Eci= 28.000 MPa
ECS= 23.800 MPa
- 2) RELAÇÃO ÁGUA/CIMENTO EM MASSA <= 0,60
- 3) CLASSE DE AGRESSIVIDADE AMBIENTAL II
- 4) AÇO: CA-50/60
- 5) COBRIMENTO:
VIGAS : 2,5 CENTÍMETROS
PILARES : 2,5 CENTÍMETROS

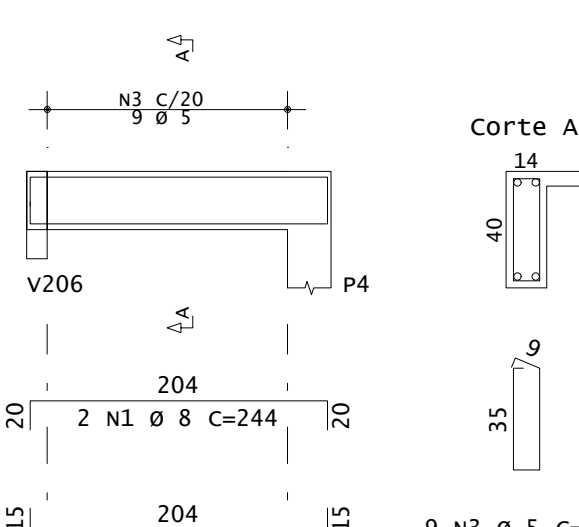
V201 14x60



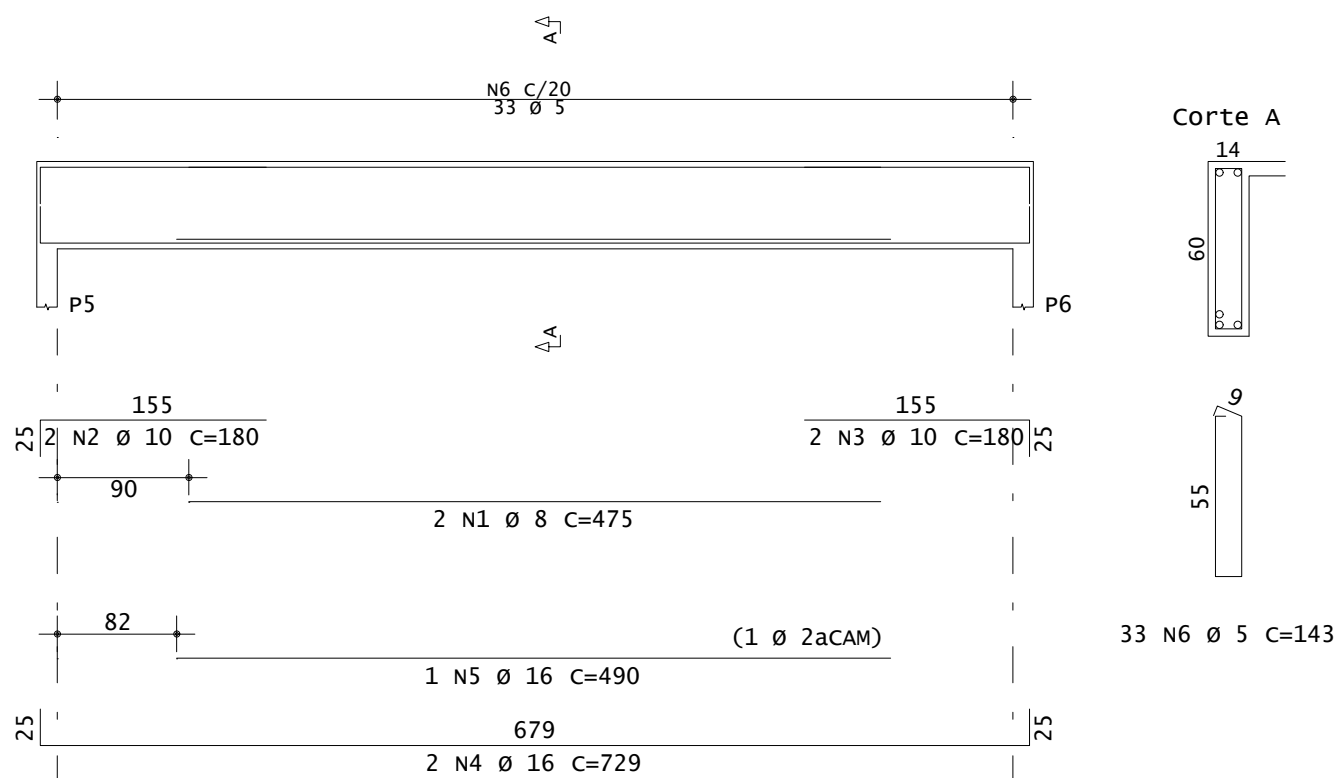
V202 14x40



V203 14x40



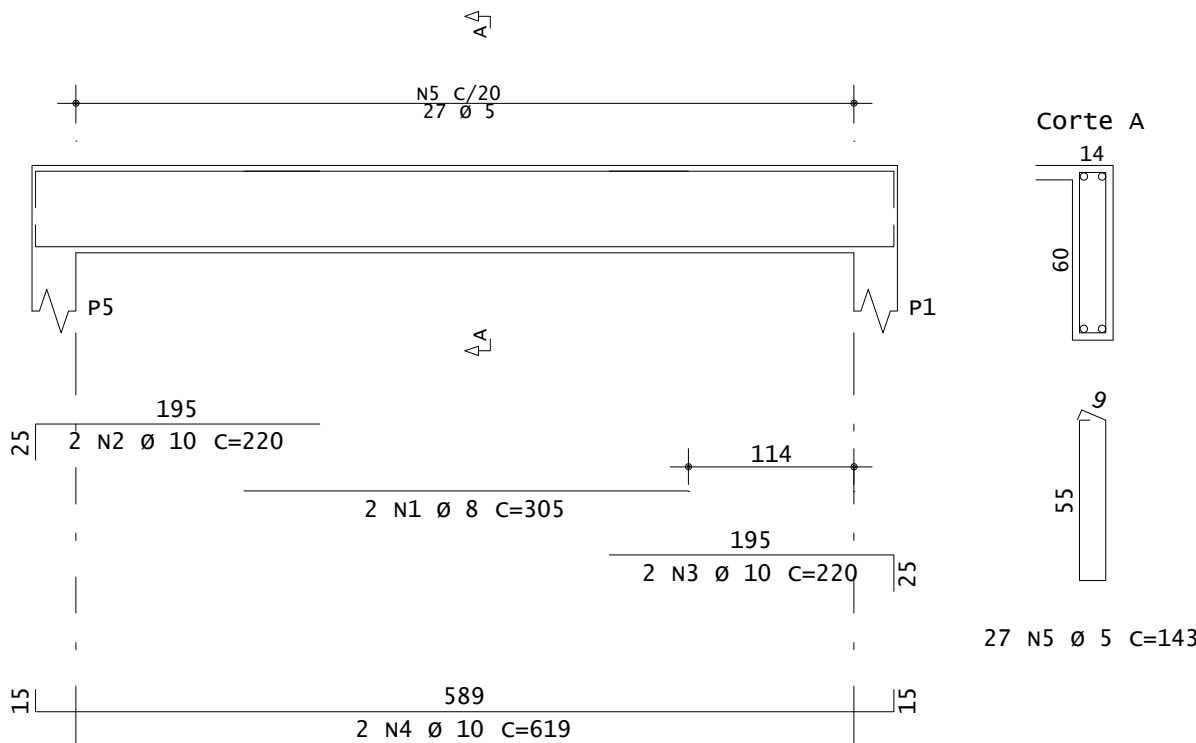
V204 14x60



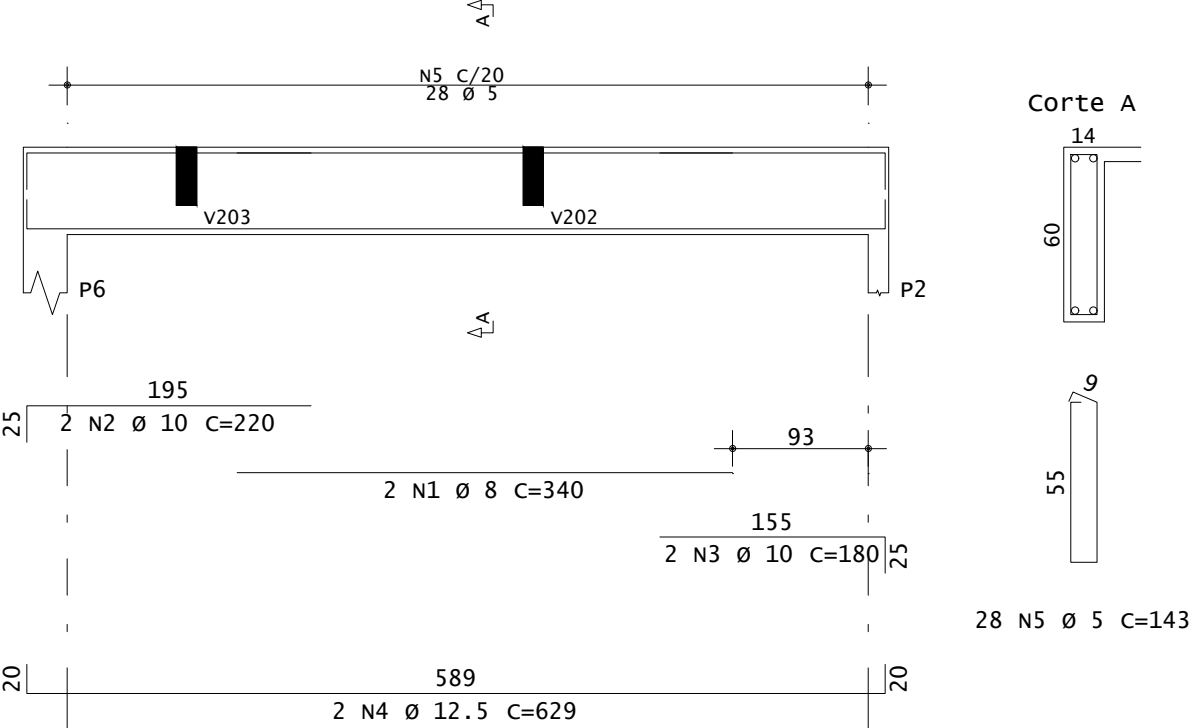
ESPECIFICAÇÕES - TÉRREO

- 1) CLASSE DE CONCRETO:
NBR8953
fck >= 25 MPa
Eci= 28.000 MPa
ECS= 23.800 MPa
- 2) RELAÇÃO ÁGUA/CIMENTO EM MASSA <= 0,60
- 3) CLASSE DE AGRESSIVIDADE AMBIENTAL II
- 4) AÇO: CA-50/60
- 5) COBRIMENTO:
VIGAS : 3,0 CENTÍMETROS
PILARES : 2,5 CENTÍMETROS

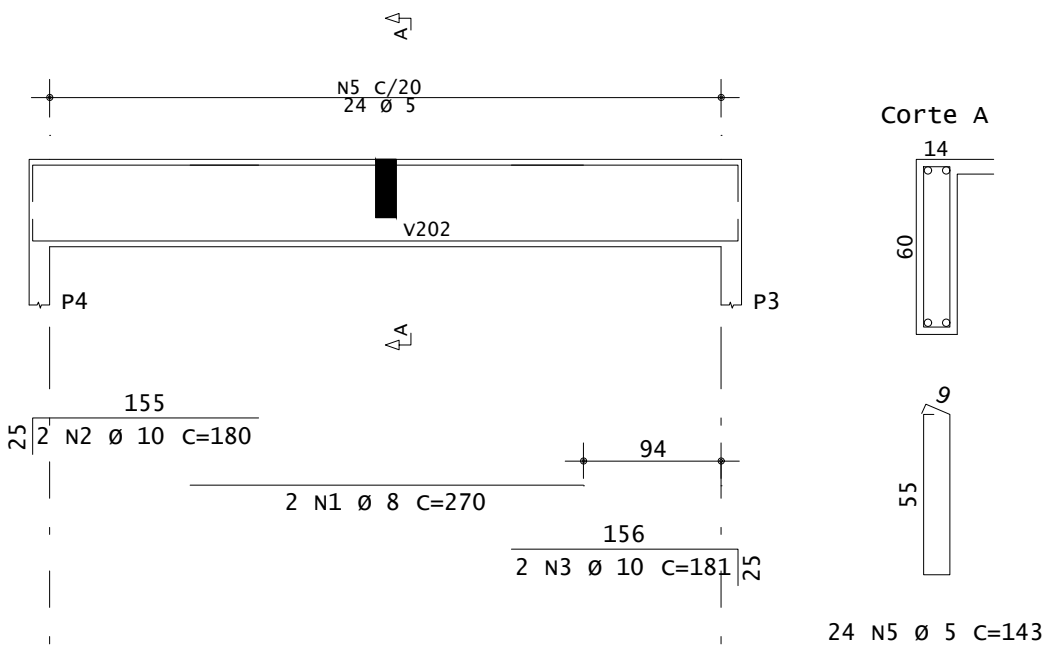
V205 14x60



V206 14x60



V207 14x60



	AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO	
					UNIT (cm)	TOTAL (cm)
V101	50A	1	8	2	355	710
	50A	2	12.5	2	210	420
	50A	3	12.5	2	470	940
	50A	4	12.5	2	180	360
	50A	5	12.5	2	720	1440
	50A	6	12.5	1	350	350
	50A	7	12.5	2	250	500
	60B	8	5	27	111	2997
	50A	9	6.3	17	112	1904
V102	50A	1	8	2	249	498
	50A	2	10	2	239	478
	60B	3	5	10	111	1110
V103	50A	1	10	2	256	512
	50A	2	10	2	236	472
	60B	3	5	9	111	999
V104	50A	1	8	2	415	830
	50A	2	12.5	2	210	420
	50A	3	12.5	2	210	420
	50A	4	12.5	2	718	1436
	50A	5	12.5	1	385	385
	60B	6	5	18	111	1998
	50A	7	6.3	17	112	1904
V105	50A	1	8	2	340	680
	50A	2	12.5	4	210	840
	50A	3	12.5	2	628	1256
	60B	5	5	20	111	2220
V106	50A	5	6.3	9	112	1008
	50A	1	8	2	340	680
	50A	2	12.5	5	210	1050
	50A	3	12.5	2	628	1256
	50A	4	12.5	1	365	365
V107	60B	5	5	9	111	999
	50A	6	6.3	20	112	2240
	50A	1	8	2	285	570
	50A	2	10	4	180	720
V108	50A	3	12.5	2	523	1046
	50A	4	12.5	1	335	335
	60B	5	5	12	111	1332
	50A	6	6.3	13	112	1456
	50A	1	8	2	360	720
V201	50A	2	10	2	200	400
	50A	3	12.5	2	480	960
	50A	4	12.5	2	270	540
	50A	5	12.5	2	740	1480
	50A	6	12.5	1	435	435
	50A	7	12.5	2	230	460
	60B	8	5	41	143	5863
	50A	1	8	2	244	488
V202	50A	2	10	2	234	468
	60B	3	5	10	103	1030
	50A	1	8	2	244	488
V203	50A	2	10	2	234	468
	60B	3	5	9	103	927
	V204	50A	1	8	2	475
50A		2	10	2	180	360
50A		3	10	2	180	360
50A		4	16	2	729	1458
50A		5	16	1	490	490
60B		6	5	33	143	4719
V205	50A	1	8	2	305	610
	50A	2	10	2	220	440
	50A	3	10	2	220	440
	50A	4	10	2	619	1238
	60B	5	5	27	143	3861
V206	50A	1	8	2	340	680
	50A	2	10	2	220	440
	50A	3	10	2	180	360
	50A	4	12.5	2	629	1258
	60B	5	5	28	143	4004
V207	50A	1	8	2	270	540
	50A	2	10	2	180	360
	50A	3	10	2	181	362
	50A	4	10	2	514	1028
	60B	5	5	24	143	3432

RESUMO AÇO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60B	5	355	55
50A	6.3	85	21
50A	8	84	33
50A	10	89	55
50A	12.5	180	173
50A	16	19	31
Peso Total		60B =	55 kg
Peso Total		50A =	313 kg



EMPREENDIMENTO:

ÁREA CONSTRUÍDA:

70,64m²

PROJETO:

ESTRUTURAL

DISCRIMINAÇÃO DA PLANTA:

ARMADURA DE VIGAS
TÉRREO E COBERTURA

RESPONSÁVEL TÉCNICO:

Eduardo Wegner Vargas
Engenheiro Civil
CREA RS 159.984

NOME DO ARQUIVO:

EST-003-VIG-TER-R00.dwg

ESCALA:

INDICADA

DATA:

DESENHO:

Equipe Urbana

03/03