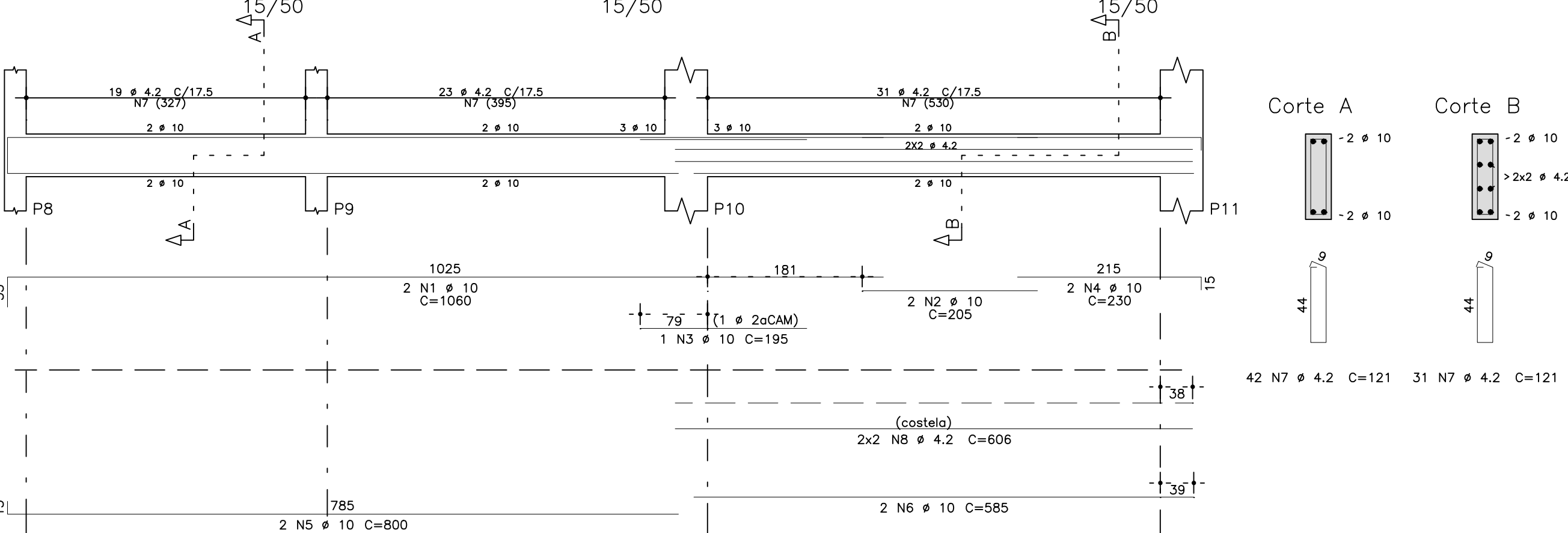
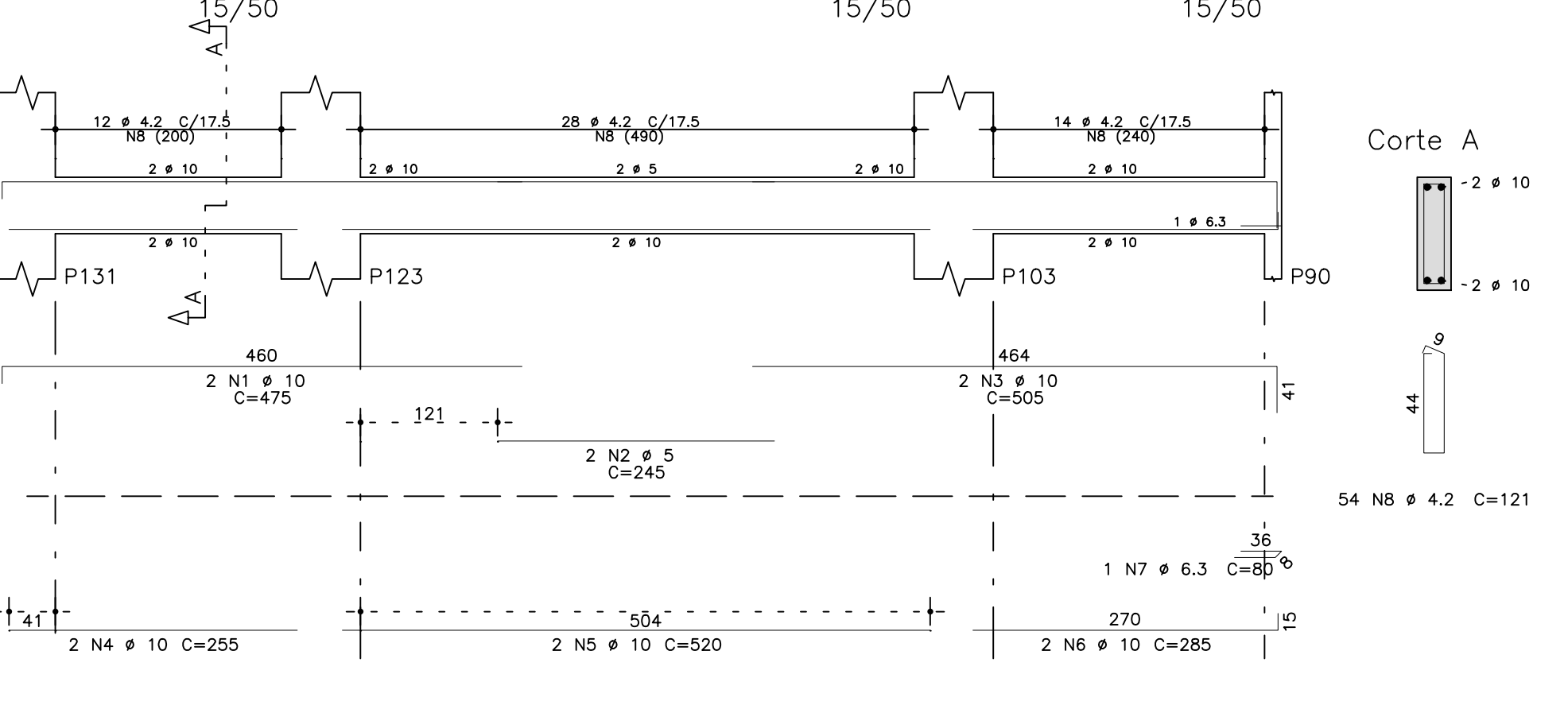


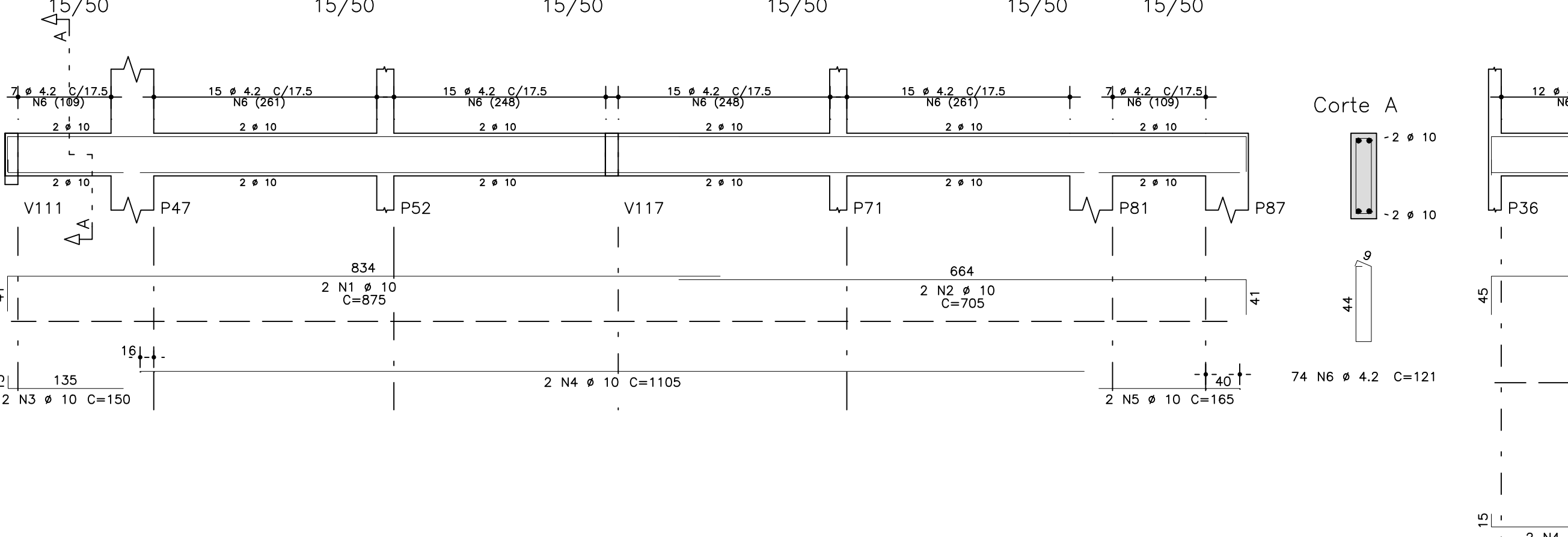
V104



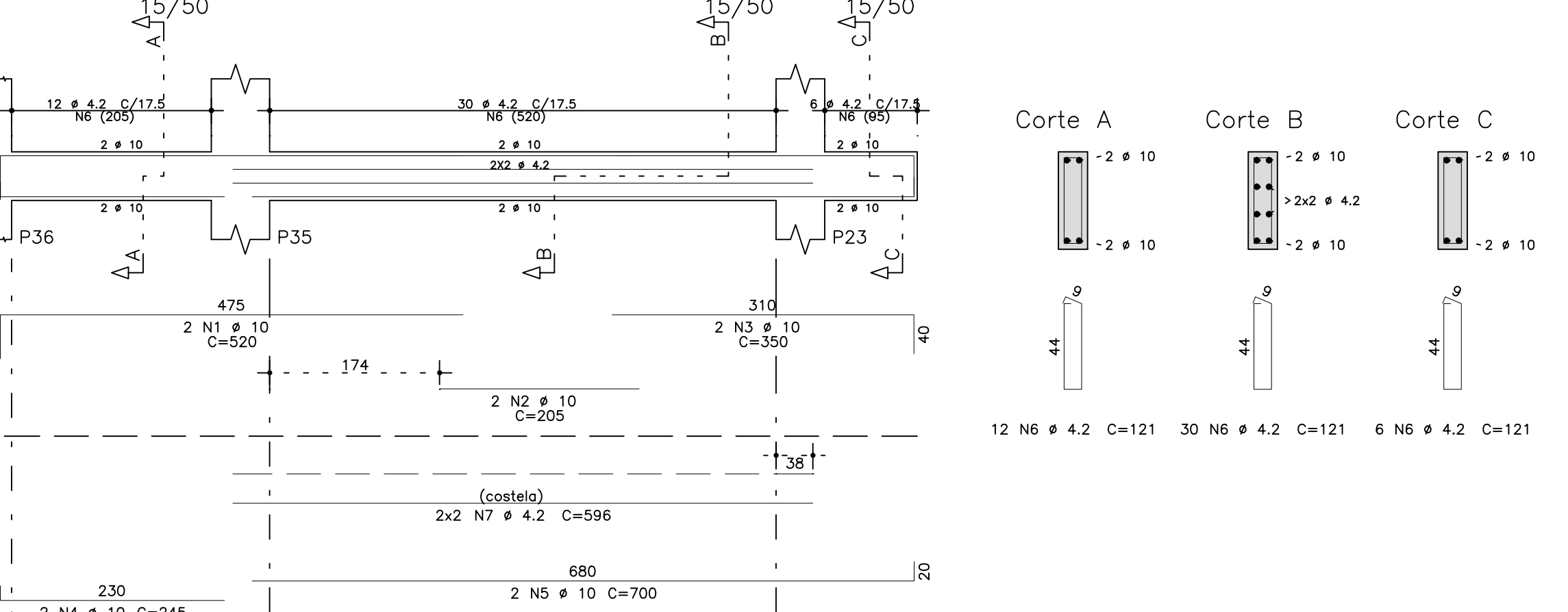
V155



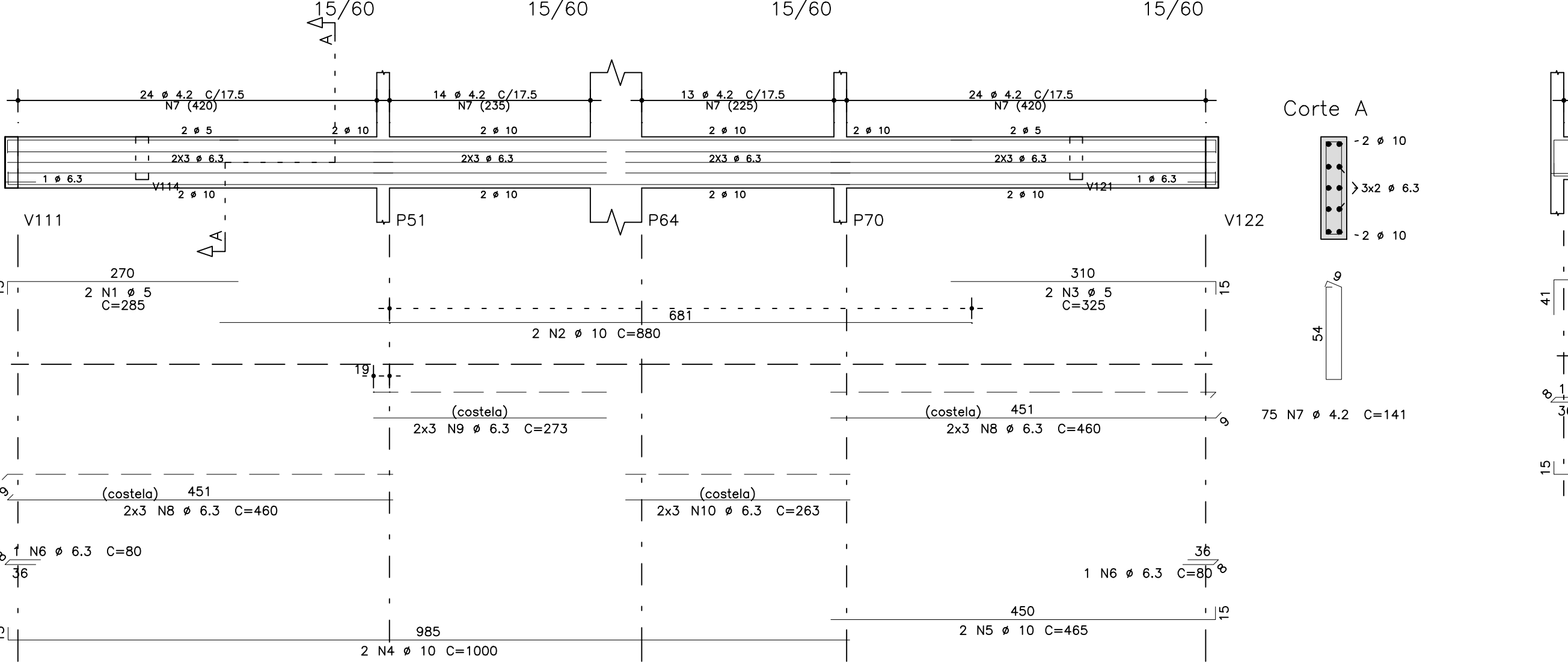
V150



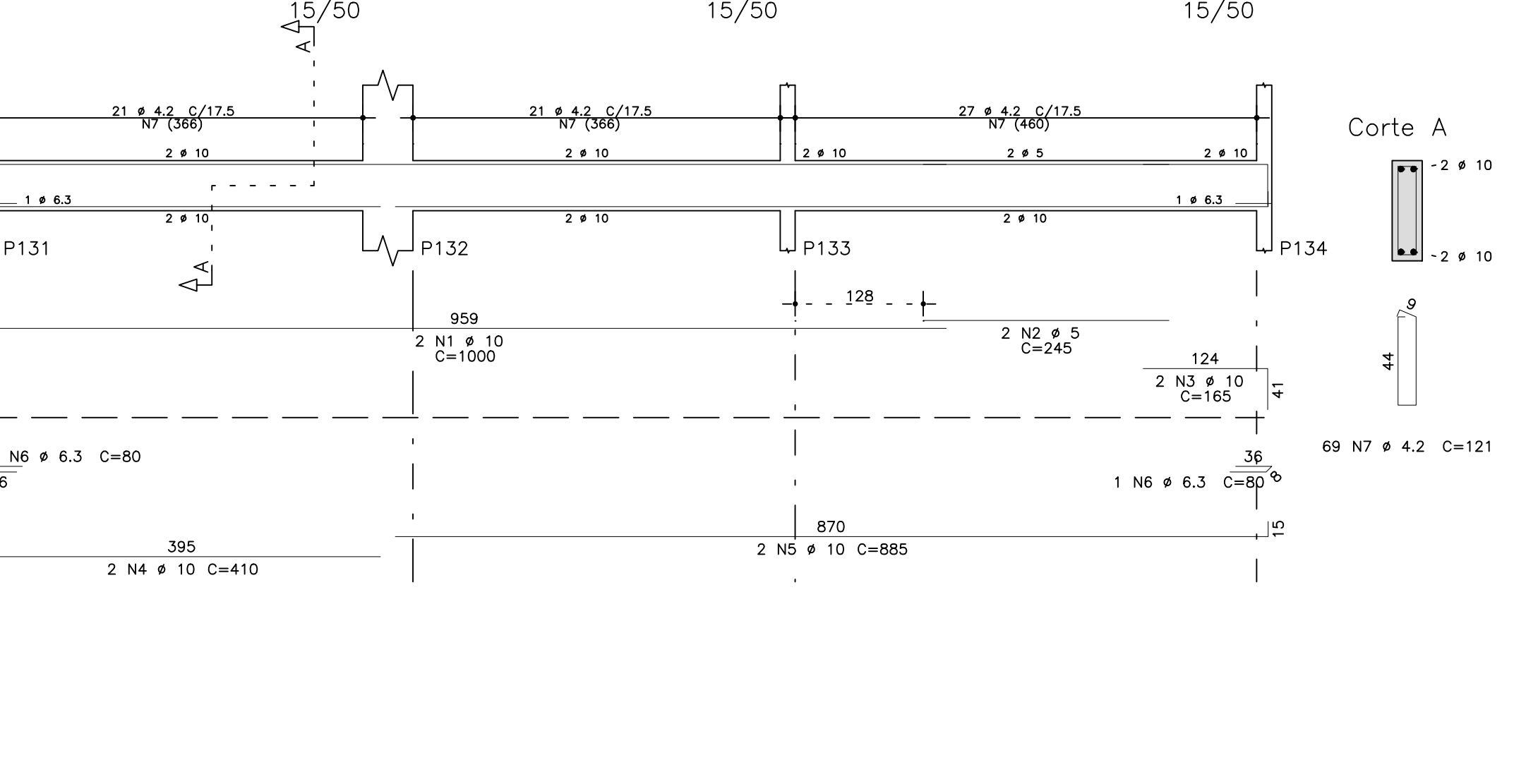
V174



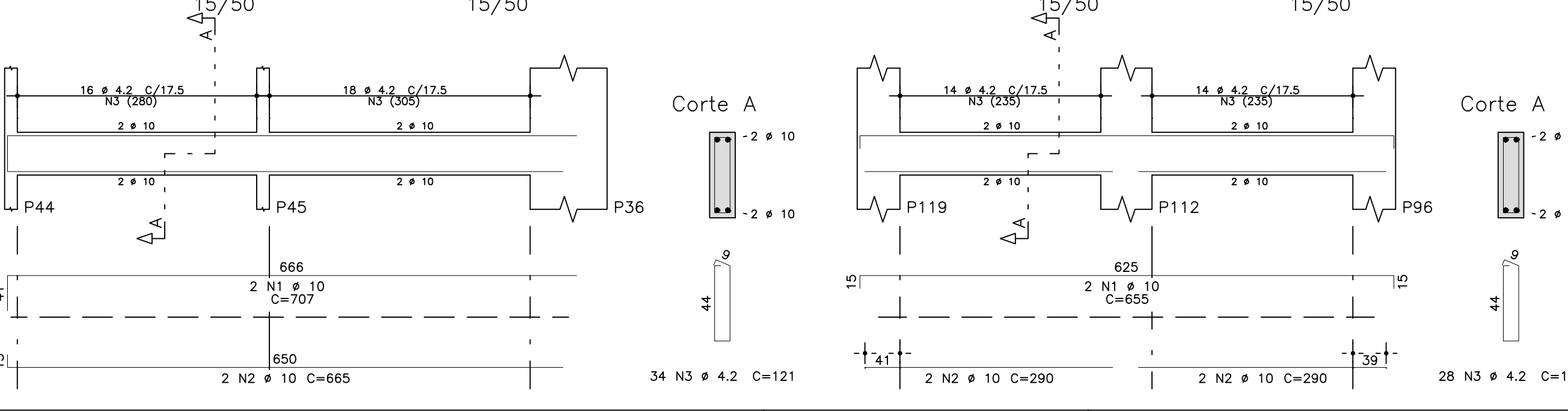
V148



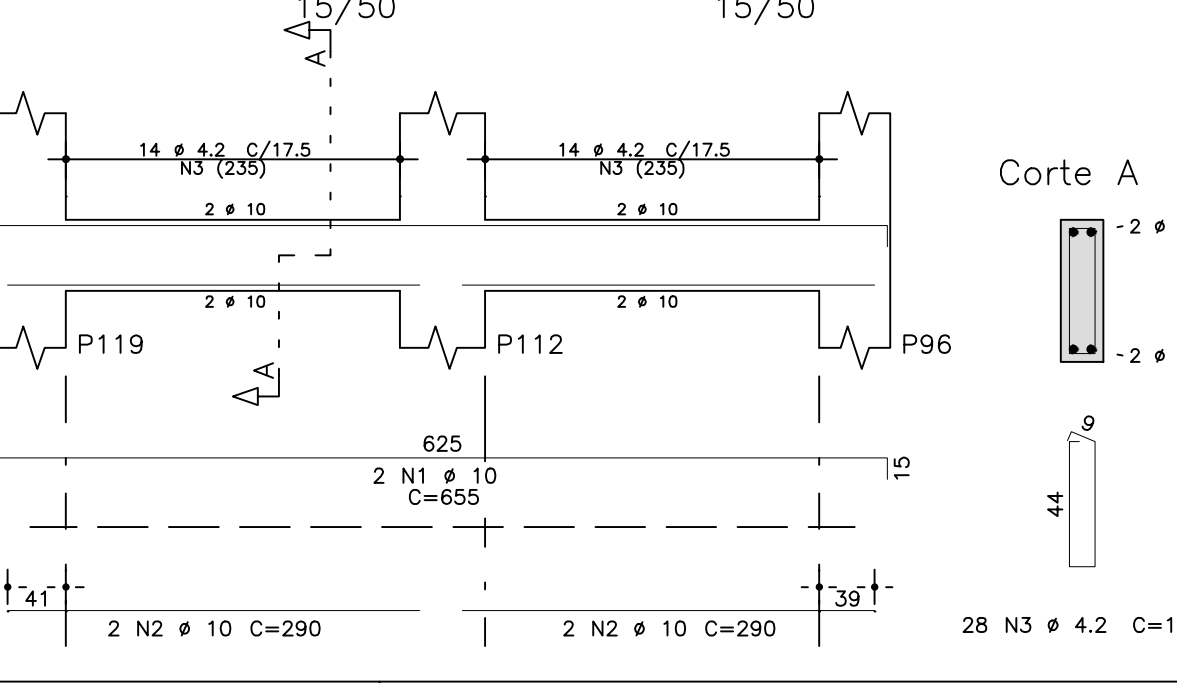
V137



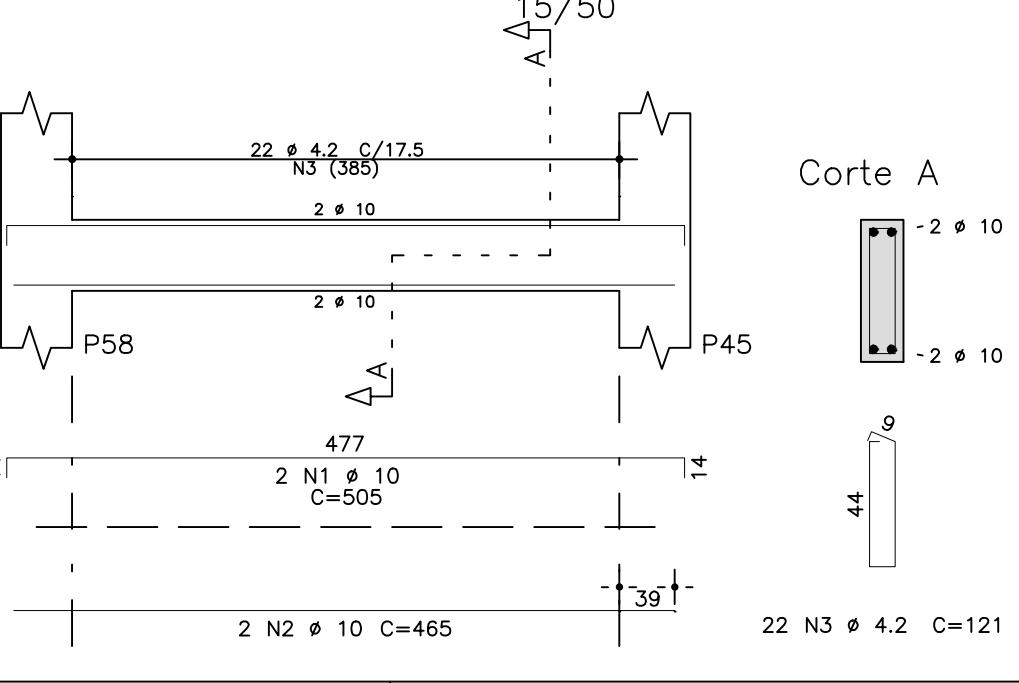
V110



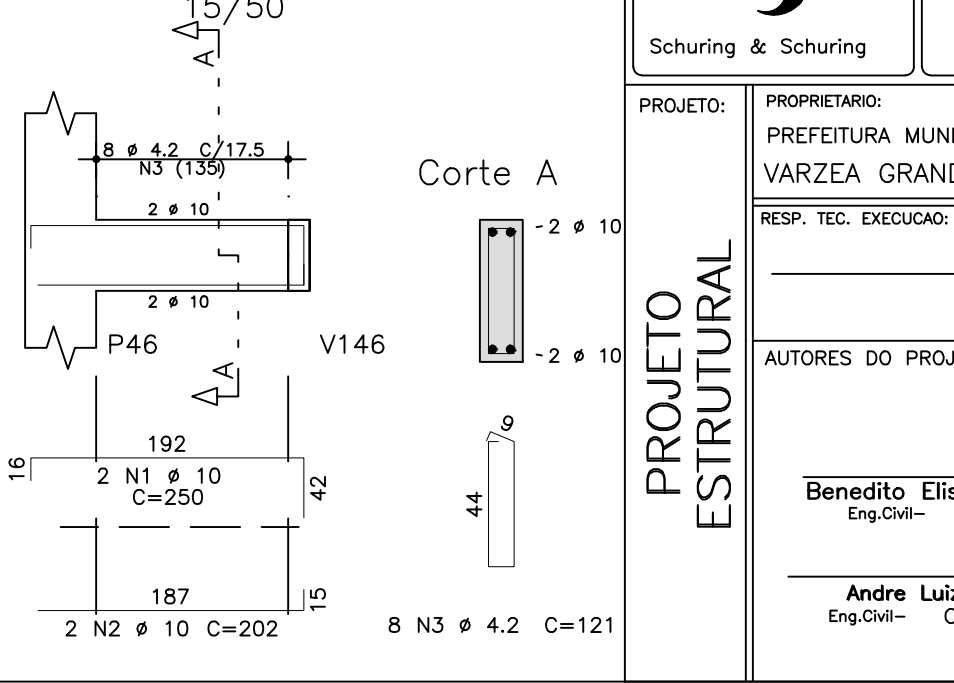
V138



V172



V113



	AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO	
					UNIT (cm)	TOTAL (cm)
V104	50A	1	10	2	1060	2120
	50A	2	10	2	205	410
	50A	3	10	1	195	195
	50A	4	10	2	230	460
	50A	5	10	2	800	1600
	50A	6	10	2	885	1770
	60B	7	4.2	73	121	8833
	60B	8	4.2	4	606	2424
V110	50A	1	10	2	707	1414
	50A	2	10	2	665	1330
	60B	3	4.2	34	121	4114
V113	50A	1	10	2	250	500
	50A	2	10	2	202	404
	60B	3	4.2	8	121	968
V137	50A	1	10	2	1000	2000
	60B	2	5	2	245	490
	50A	3	10	2	165	330
	50A	4	10	2	410	820
	50A	5	10	2	885	1770
	50A	6	6.3	2	80	160
	60B	7	4.2	69	121	8349
V138	50A	1	10	2	655	1310
	50A	2	10	4	290	1160
	60B	3	4.2	28	121	3388
V148	60B	1	5	2	285	570
	50A	2	10	2	880	1760
	60B	3	5	2	325	650
	50A	4	10	2	1000	2000
	50A	5	10	2	465	930
	50A	6	6.3	2	80	160
	60B	7	4.2	75	141	10575
	50A	8	6.3	12	460	5520
	50A	9	6.3	6	273	1638
	50A	10	6.3	6	263	1578
V150	50A	1	10	2	875	1750
	50A	2	10	2	705	1410
	50A	3	10	2	150	300
	50A	4	10	2	1105	2210
	50A	5	10	2	165	330
	60B	6	4.2	74	121	8954
V155	50A	1	10	2	475	950
	60B	2	5	2	245	490
	50A	3	10	2	505	1010
	50A	4	10	2	255	510
	50A	5	10	2	520	1040
	50A	6	10	2	285	570
	50A	7	6.3	1	80	80
	60B	8	4.2	54	121	6534
V172	50A	1	10	2	505	1010
	50A	2	10	2	465	930
	60B	3	4.2	22	121	2662
V174	50A	1	10	2	520	1040
	50A	2	10	2	205	410
	50A	3	10	2	350	700
	50A	4	10	2	245	490
	50A	5	10	2	700	1400
	60B	6	4.2	48	121	5808
	60B	7	4.2	4	596	2384

RESUMO AÇO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60B	4.2	650	71
60B	5	22	3
50A	6.3	91	23
50A	10	377	233
Peso Total		60B =	74 kg
Peso Total		50A =	255 kg

fck 250. kg/cm2

<b>Schuring &amp; Schuring Ltda.</b> Escritório Técnico B.E.SCHURING - Projetos de Engenharia Av. XV de Novembro, 489 - Porto 2o. Andar - Cuiabá MT Fone:(065) 321.8999 - Fax:(065) 623.5066 - Email - schuring@terra.com.br	
PROJETO: PREFEITURA MUNICIPAL VARZEA GRANDE MT RESP. TEC. EXECUCÃO:	OBRA: EMEB ALINO FERREIRA MAGALHAES END.: AV. Verdão eq. c/ Rua "B" PARQUE DO LAGO - VARZEA GRANDE
AUTORES DO PROJETO:  Benedito Eliseu Schuring Eng.Civil- CREA 715/D-MT	ASSUNTO: DET VIGAS BALDRAME V104 / V110 / V113 / V137 / V138 / V148 V150 / V155 / V172 / V174
Andre Luiz Schuring Eng.Civil- CREA 8697/D-MT	DATA: FOLHA No. 31