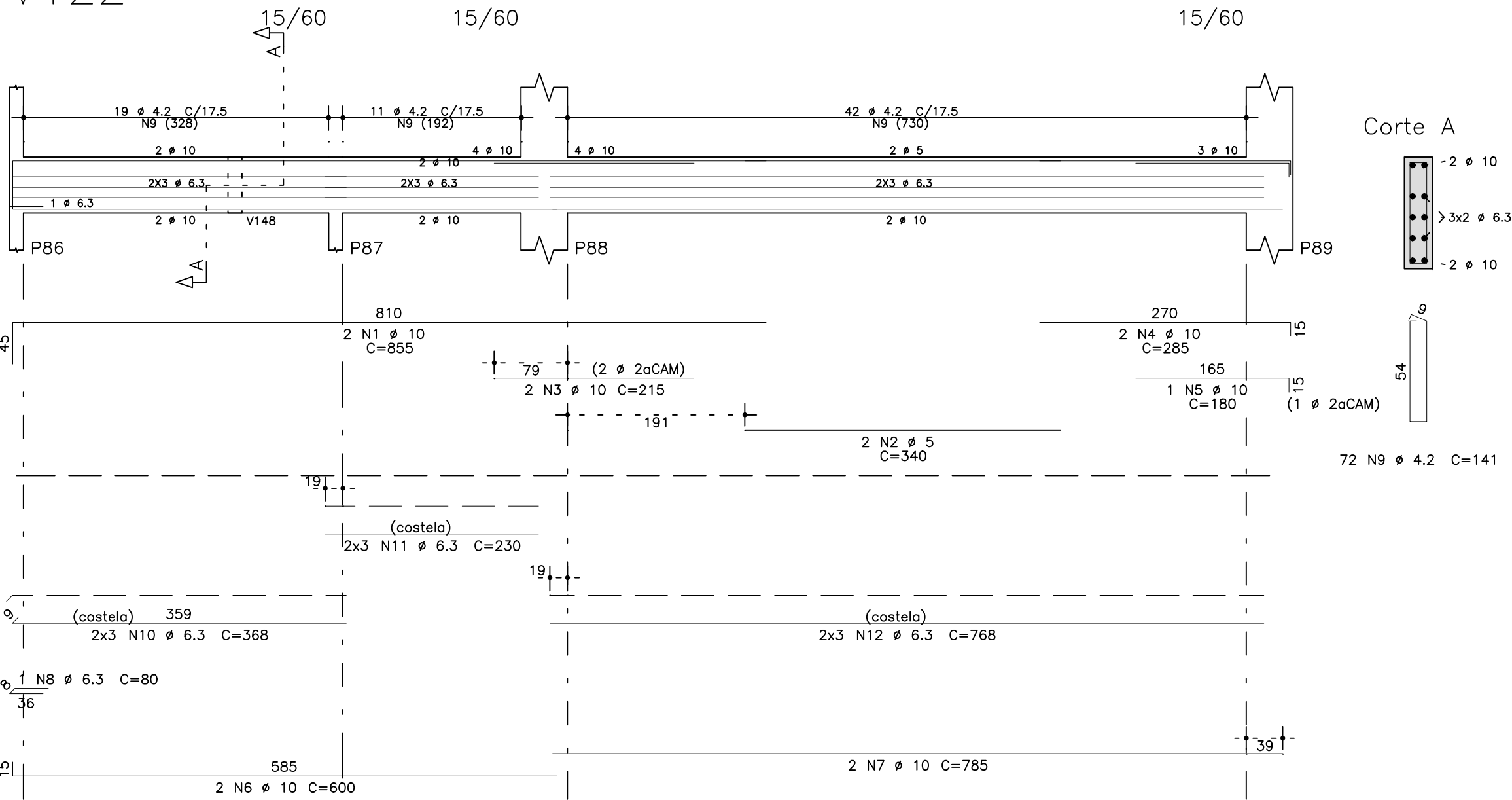
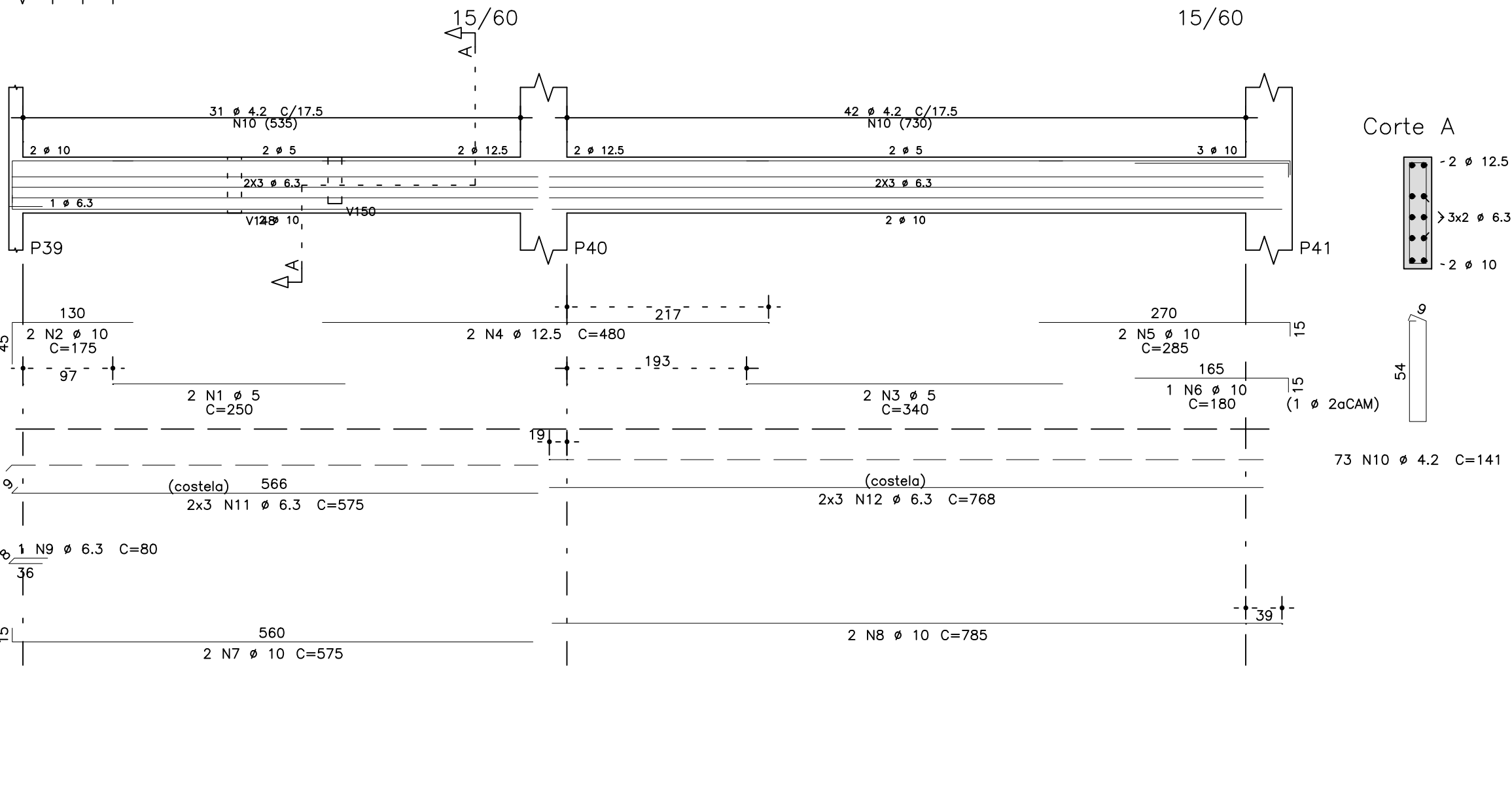


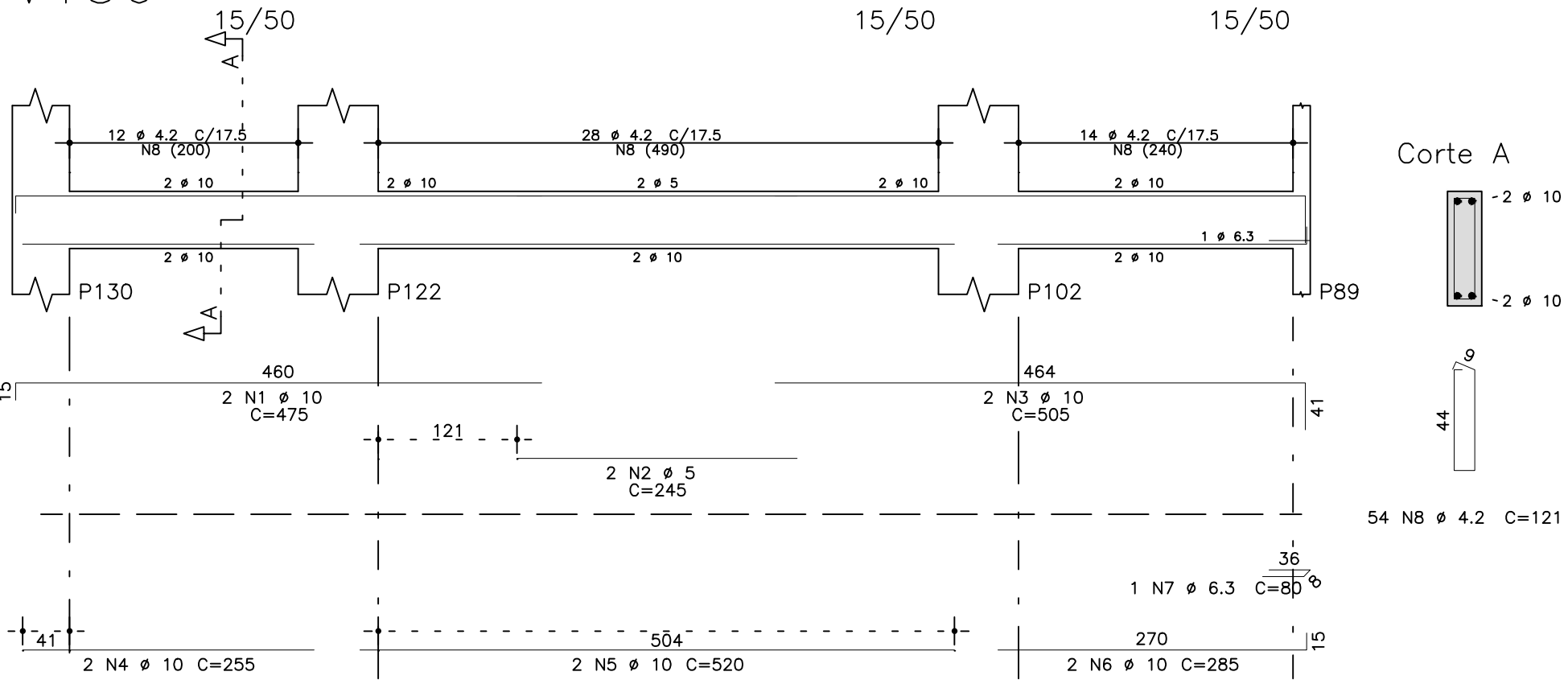
V122



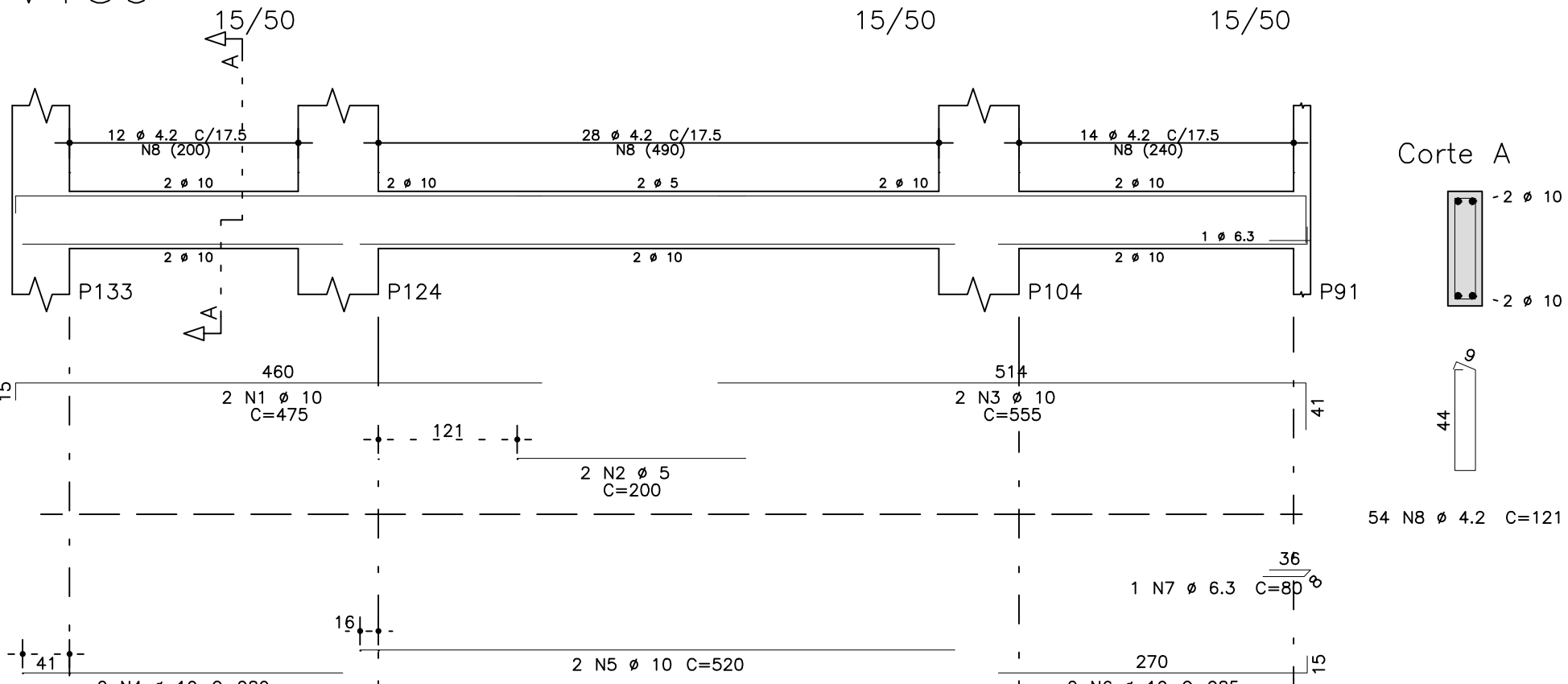
V111



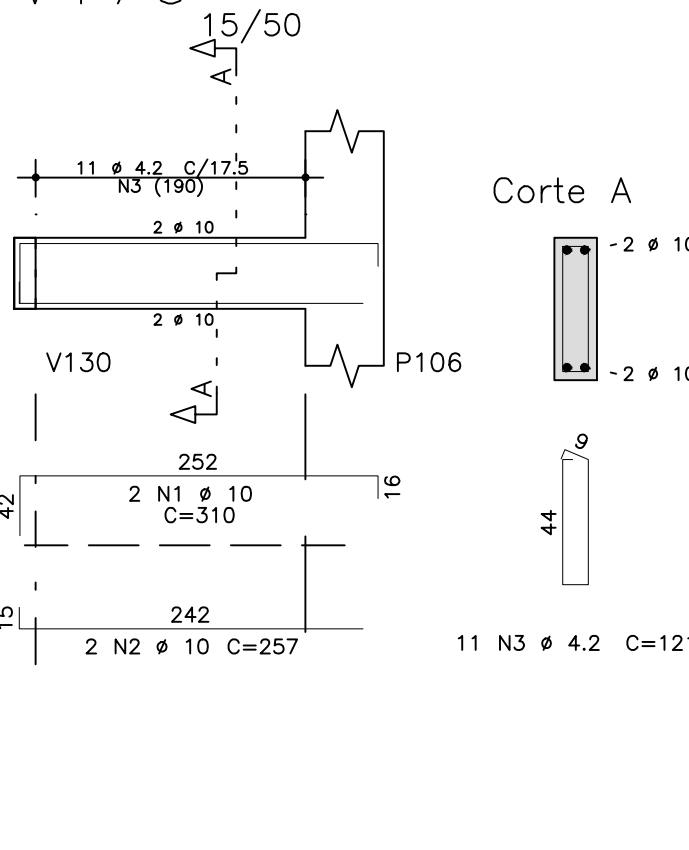
V156



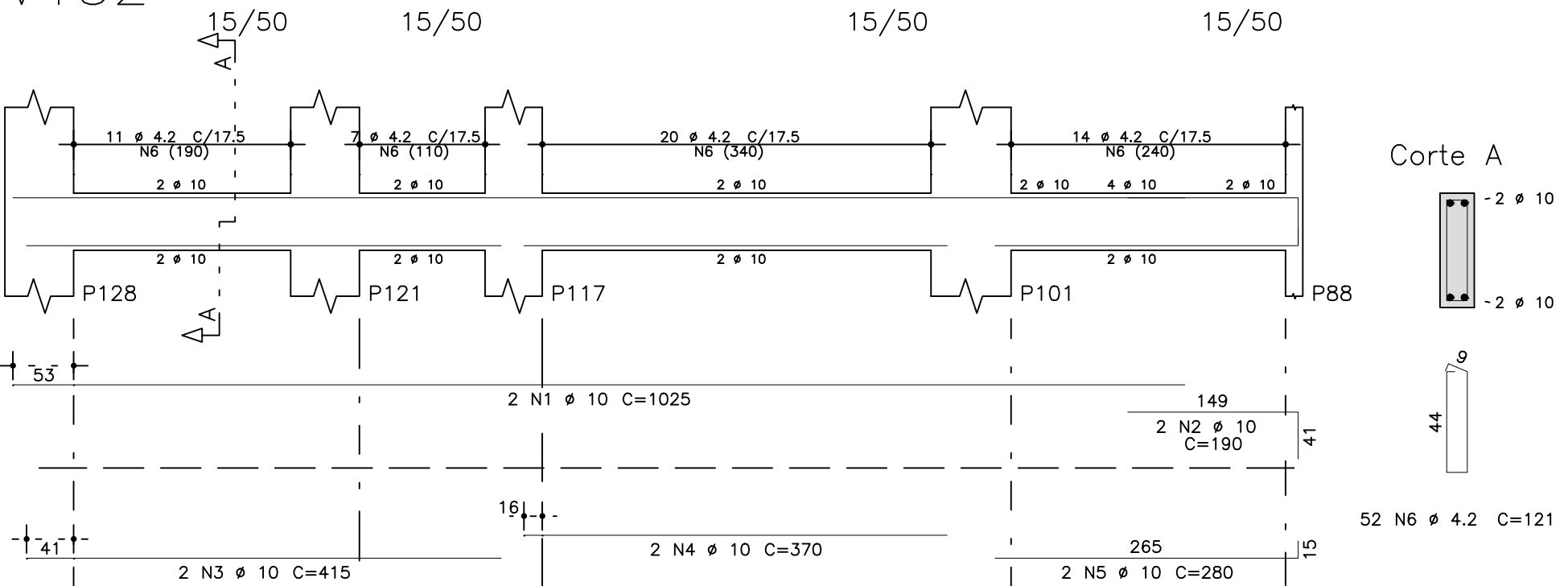
V159



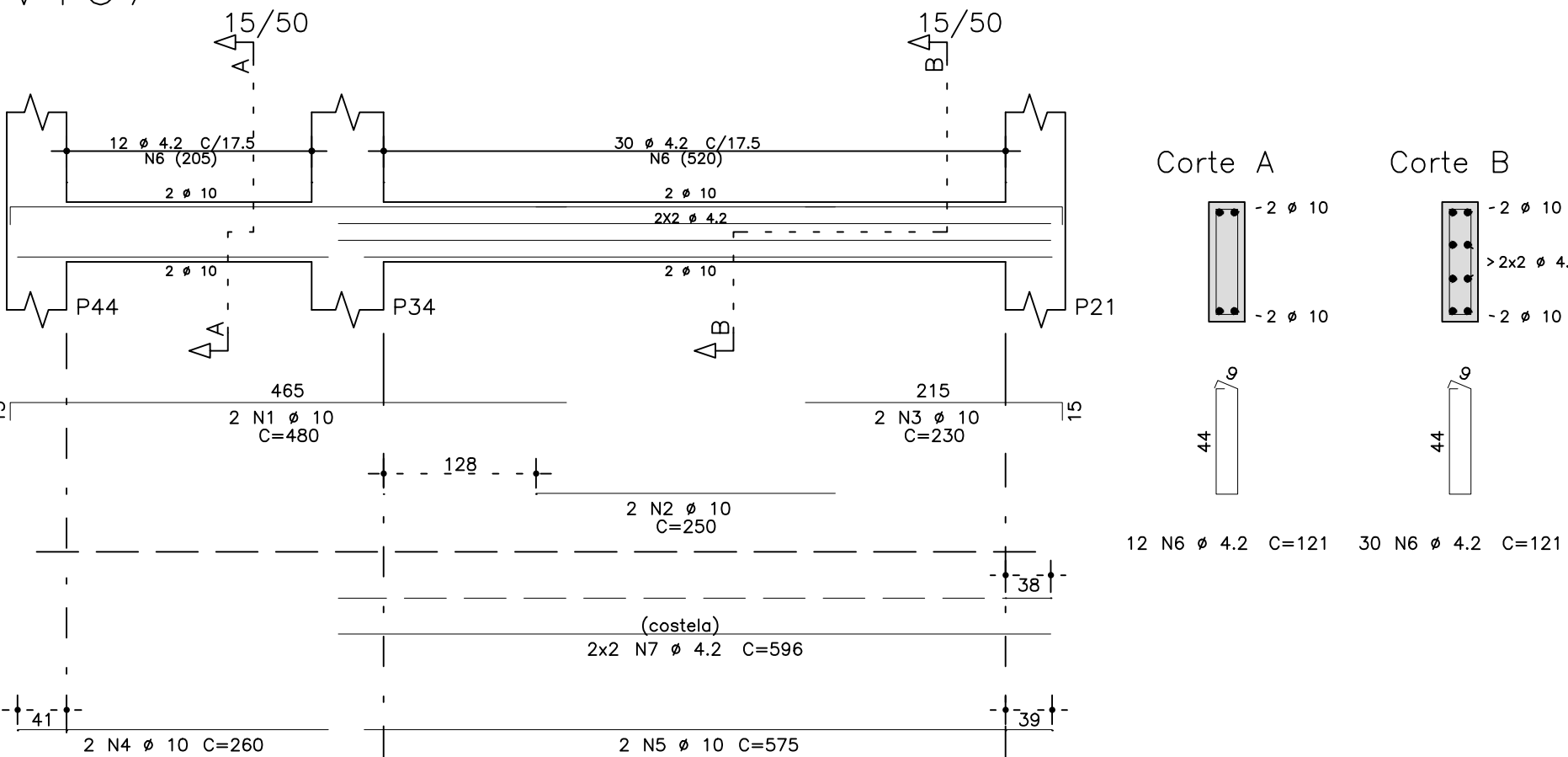
V170



V152



V167



	AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO	
					UNIT (cm)	TOTAL (cm)
V111	60B	1	5	2	250	500
	50A	2	10	2	175	350
	60B	3	5	2	340	680
	50A	4	12,5	2	480	960
	50A	5	10	2	285	570
	50A	6	10	1	180	180
	50A	7	10	2	575	1150
	50A	8	10	2	785	1570
	50A	9	6,3	1	80	80
	60B	10	4,2	73	141	10293
	50A	11	6,3	6	575	3450
	50A	12	6,3	6	768	4608
V122	50A	1	10	2	855	1710
	60B	2	5	2	340	680
	50A	3	10	2	215	430
	50A	4	10	2	285	570
	50A	5	10	1	180	180
	50A	6	10	2	600	1200
	50A	7	10	2	785	1570
	50A	8	6,3	1	80	80
	60B	9	4,2	72	141	10152
	50A	10	6,3	6	368	2208
	50A	11	6,3	6	230	1380
	50A	12	6,3	6	768	4608
V152	50A	1	10	2	1025	2050
	50A	2	10	2	190	380
	50A	3	10	2	415	830
	50A	4	10	2	370	740
	50A	5	10	2	280	560
	60B	6	4,2	52	121	6292
V156	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
V159	50A	1	10	2	475	950
	60B	2	5	2	200	400
	50A	3	10	2	555	1110
	50A	4	10	2	280	560
	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
V167	50A	1	10	2	480	960
	50A	2	10	2	250	500
	50A	3	10	2	230	460
	50A	4	10	2	260	520
	50A	5	10	2	575	1150
	60B	6	4,2	42	121	5082
	60B	7	4,2	4	596	2384
V170	50A	1	10	2	310	620
	50A	2	10	2	257	514
	60B	3	4,2	11	121	1331

RESUMO AÇO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60B	4.2	486	53
60B	5	28	4
50A	6.3	186	41
50A	10	271	167
50A	12.5	10	9
Peso Total 60B =			57 kg
Peso Total 50A =			217 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:(555) 321.8999 - Fax:(555) 623.5066 - Email - schuring@terra.com.br	
PROJETO: PROPRIETARIO: PREFEITURA MUNICIPAL VARZEA GRANDE MT RESP. TEC. EXECUCAO: RES. TEC. EXECUCAO: RUA: EMEB ALINO FERREIRA MAGALHAES END.: AV. Verdão esq. c/ Rua "B" PARQUE DO LAGO - VARZEA GRANDE	ASSUNTO: DET VIGAS BALDRAME
AUTORES DO PROJETO: BENEDITO ELISEU SCHURING Eng.Civil- CREA 715/D-MT ANDRE LUIZ SCHURING Eng.Civil- CREA 8697/D-MT	FECHA DETALHADA: V111 / V122 / V152 / V156 / V159 / V167 VERIFICAR MEDIDA NA OBRA: FOLHA NO. 32