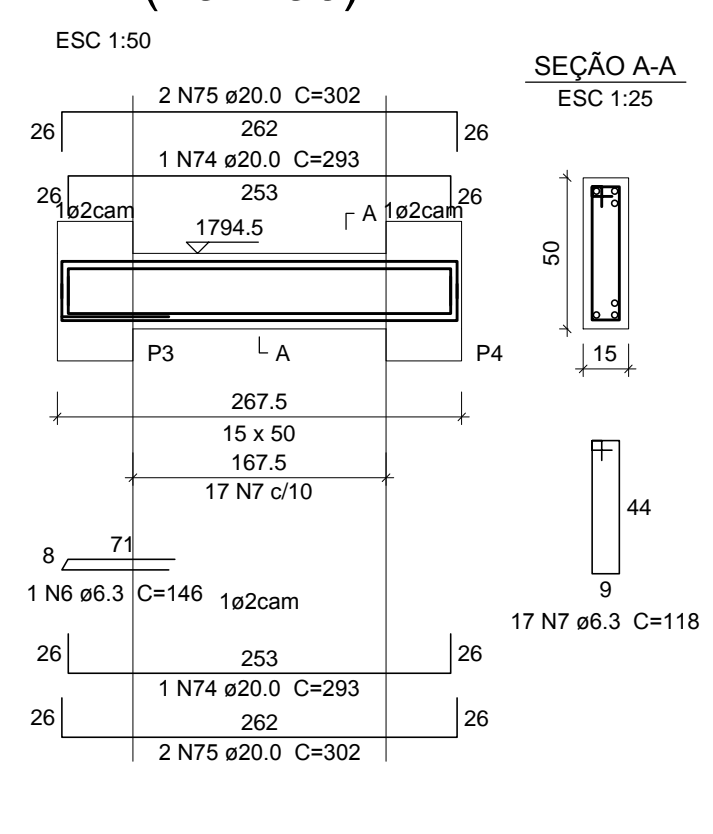
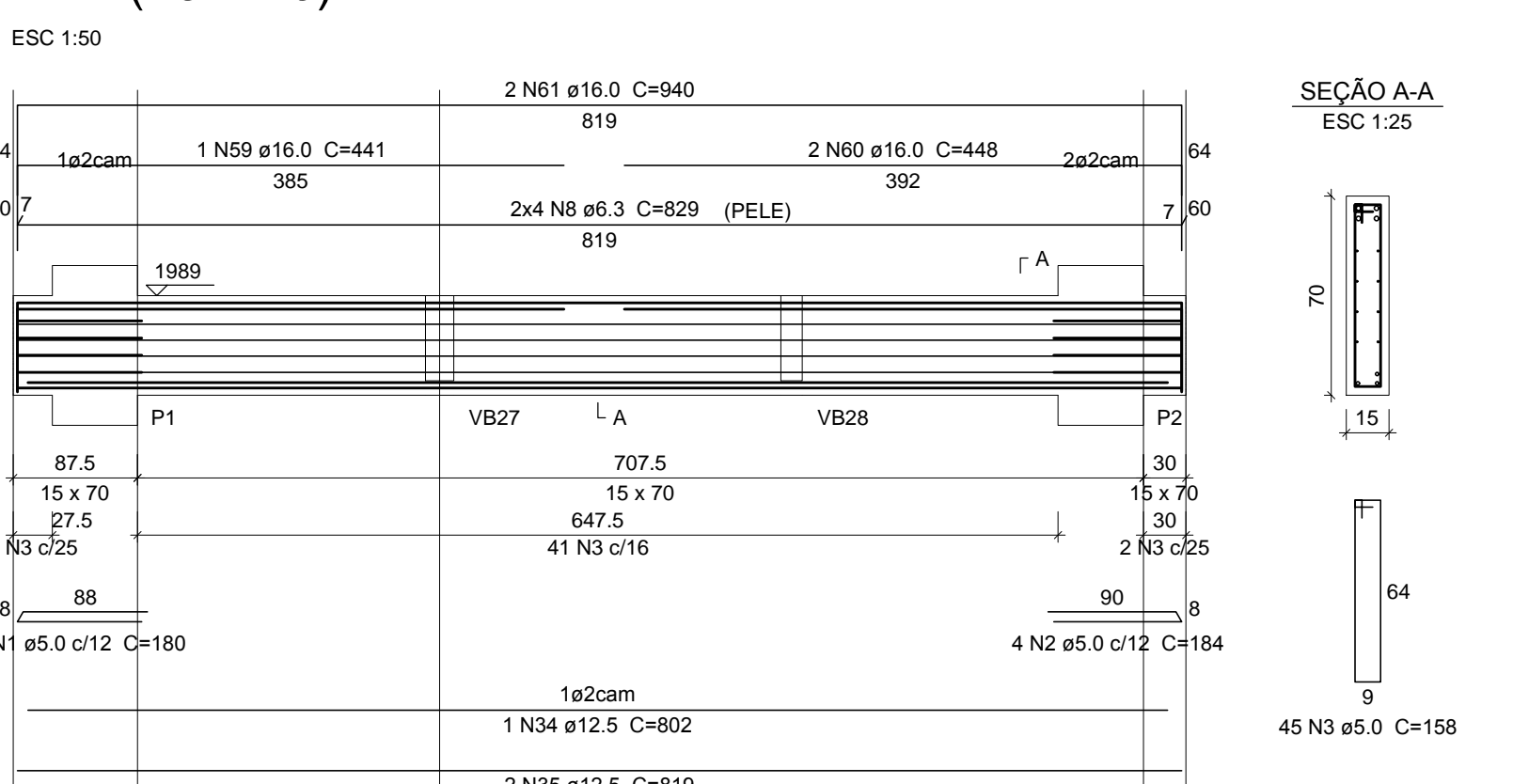


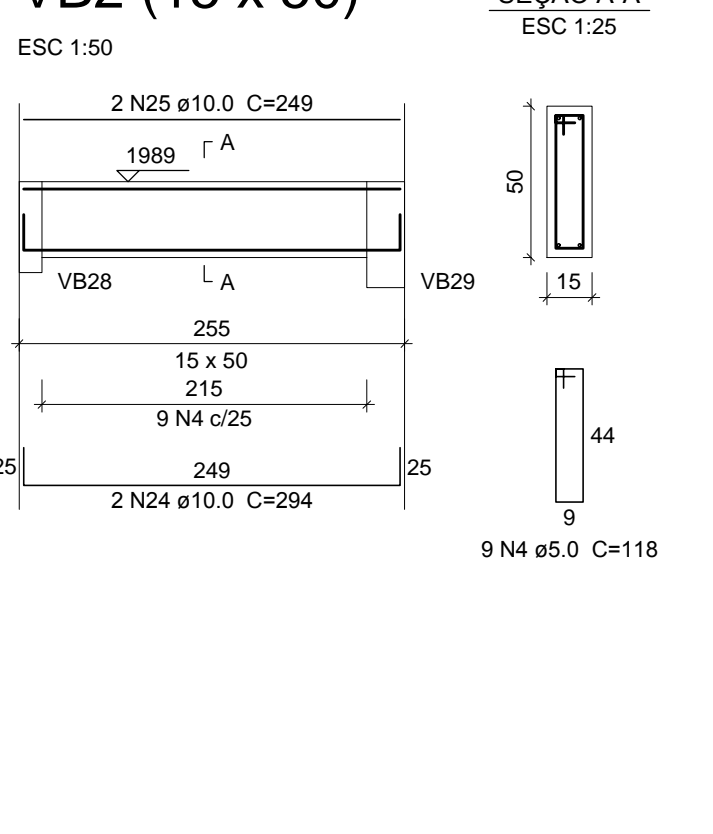
V1 (15 x 50)



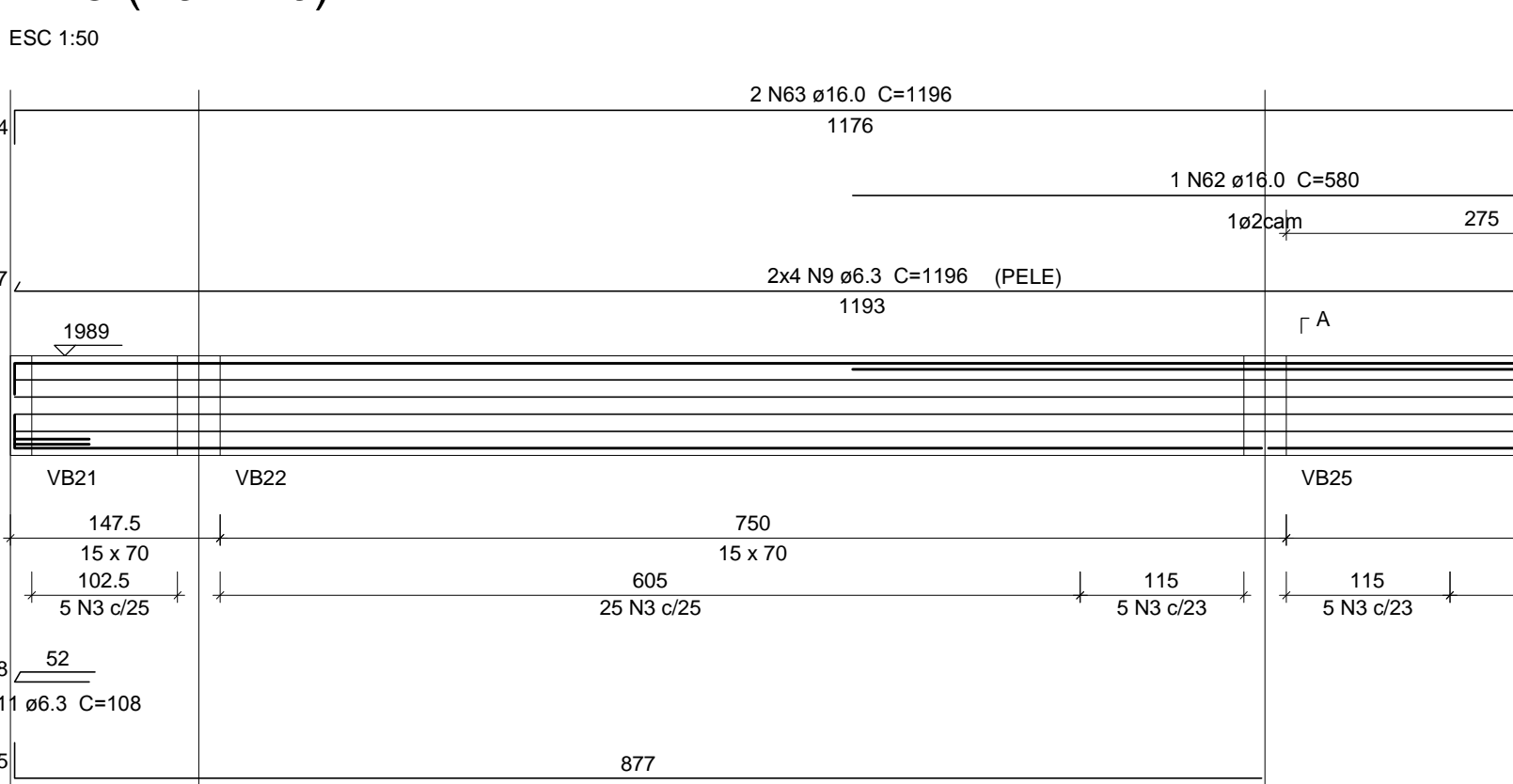
VB1 (15 x 70)



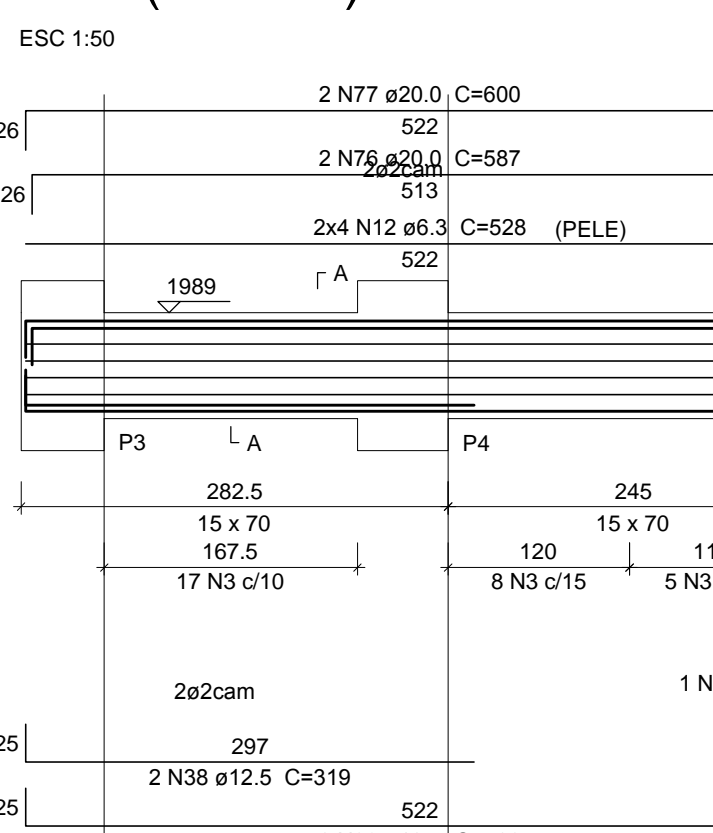
VB2 (15 x 50)



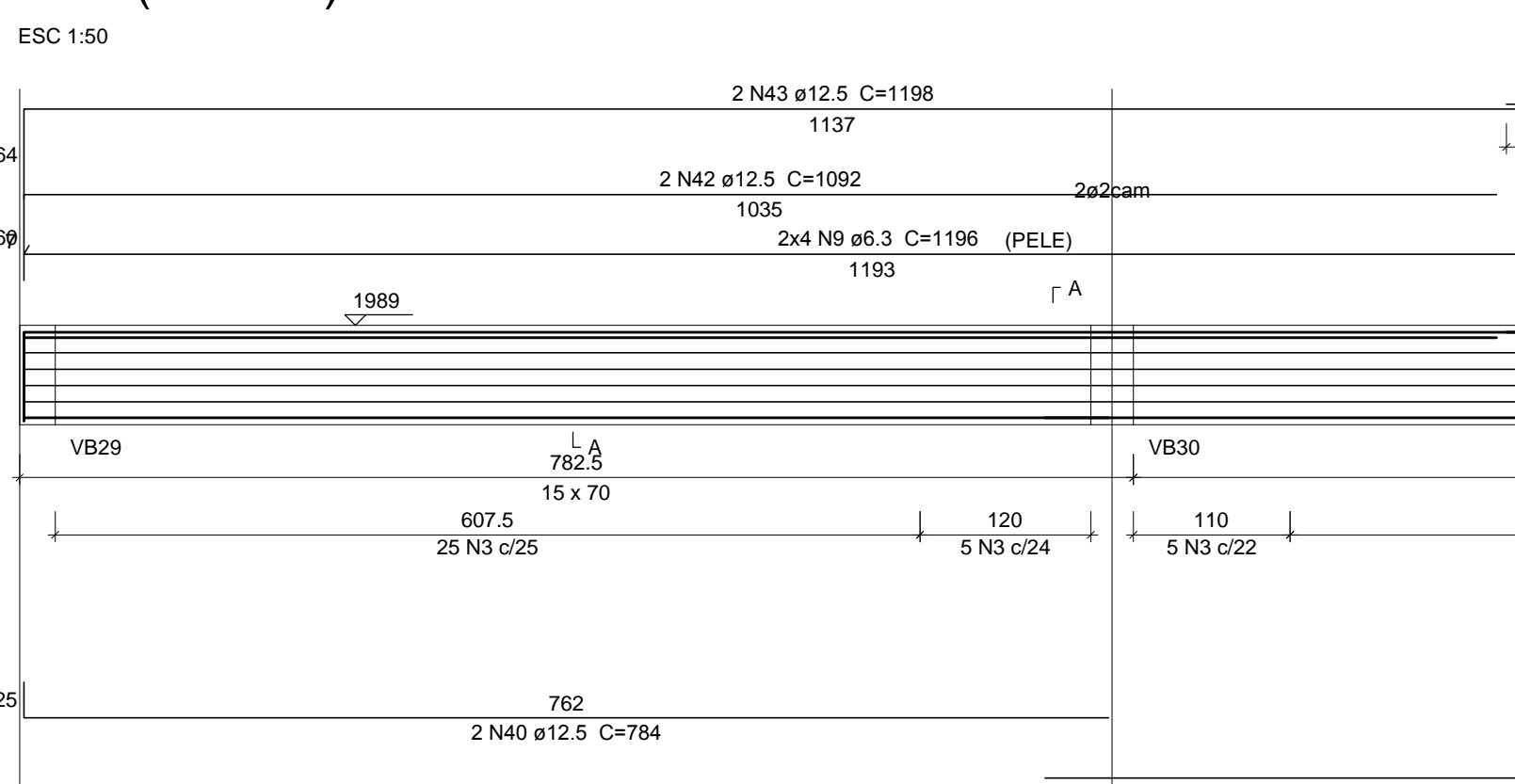
VB3 (15 x 70)



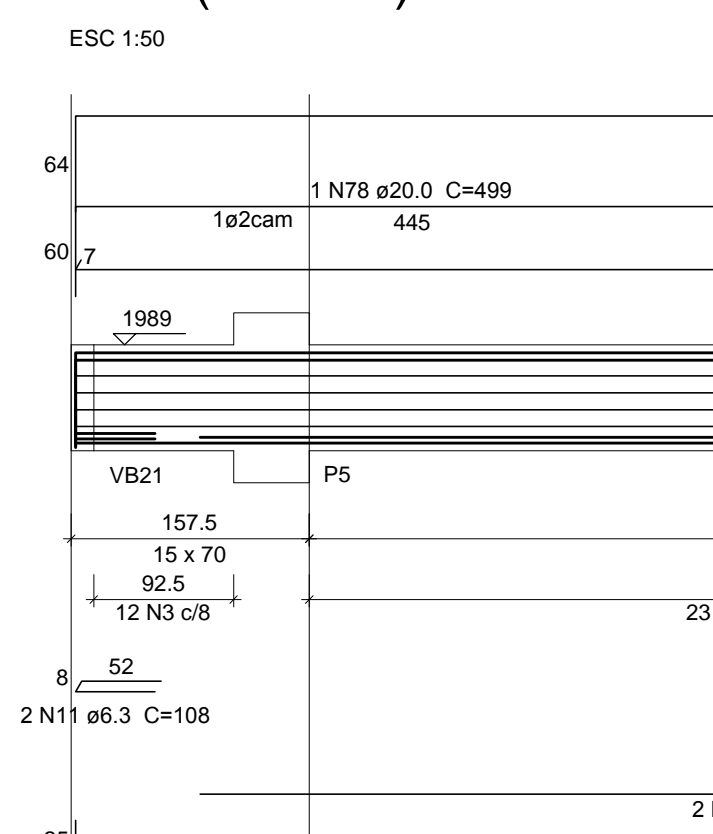
VB4 (15 x 70)



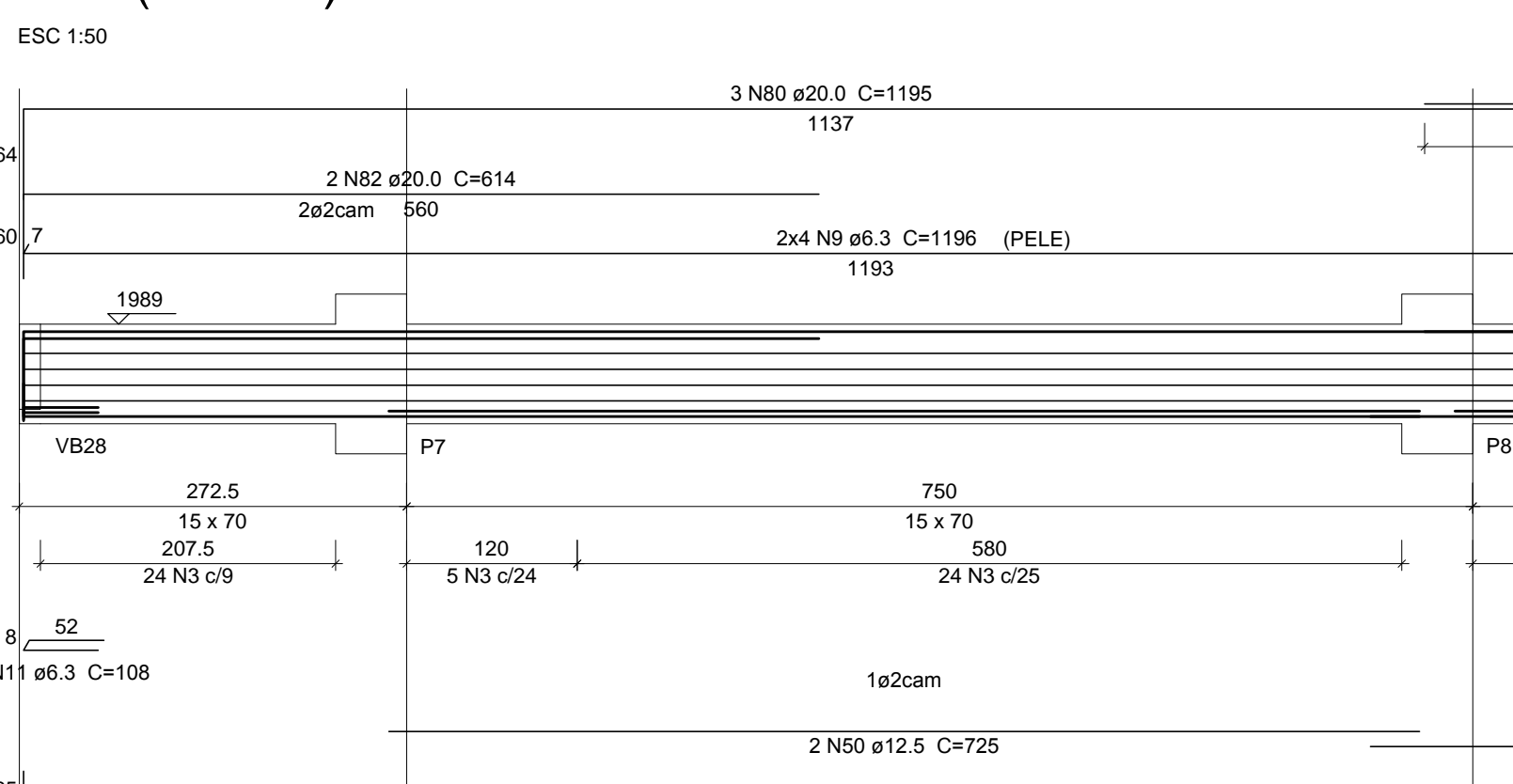
VB5 (15 x 70)



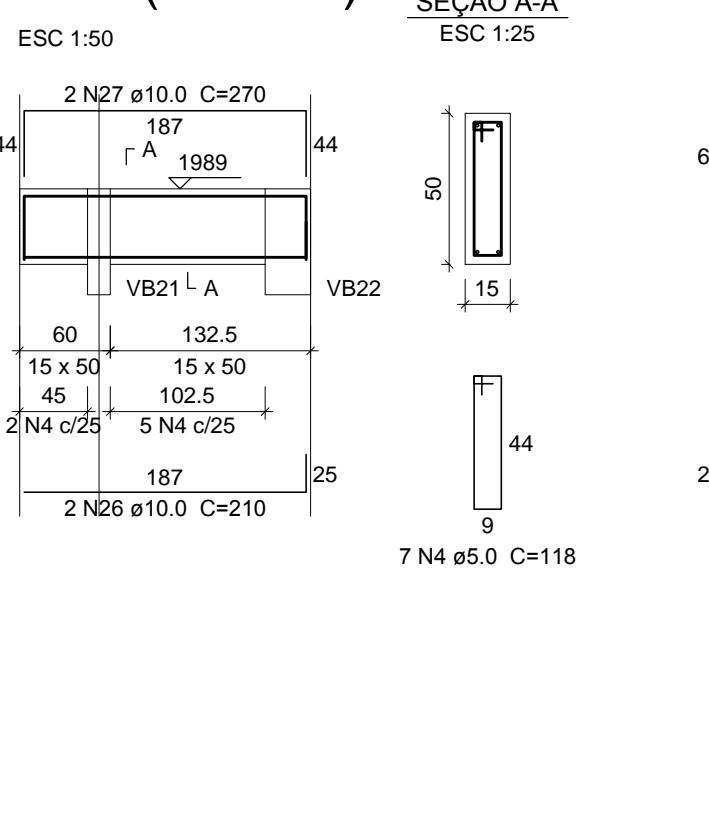
VB6 (15 x 70)



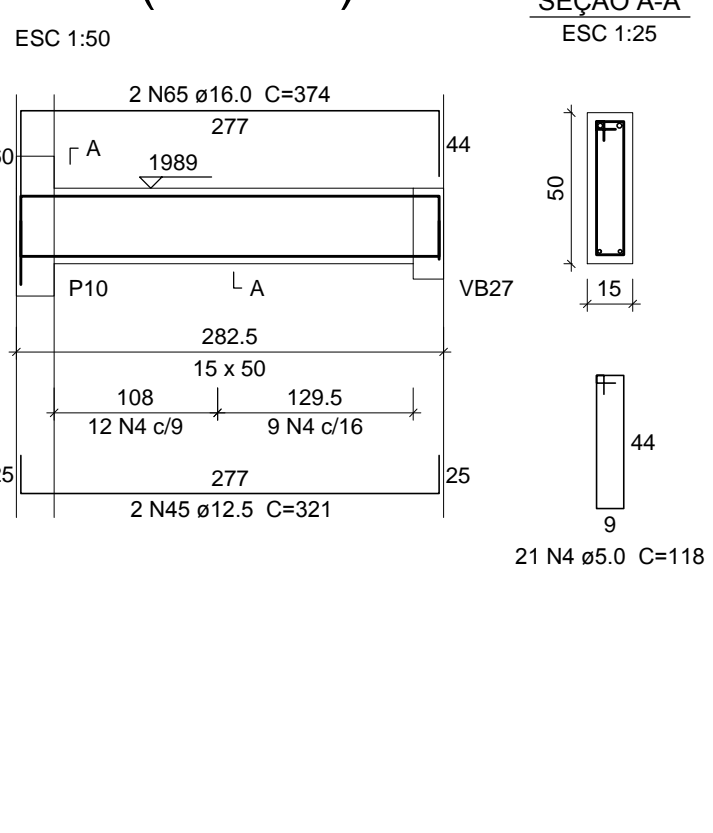
VB7 (15 x 70)



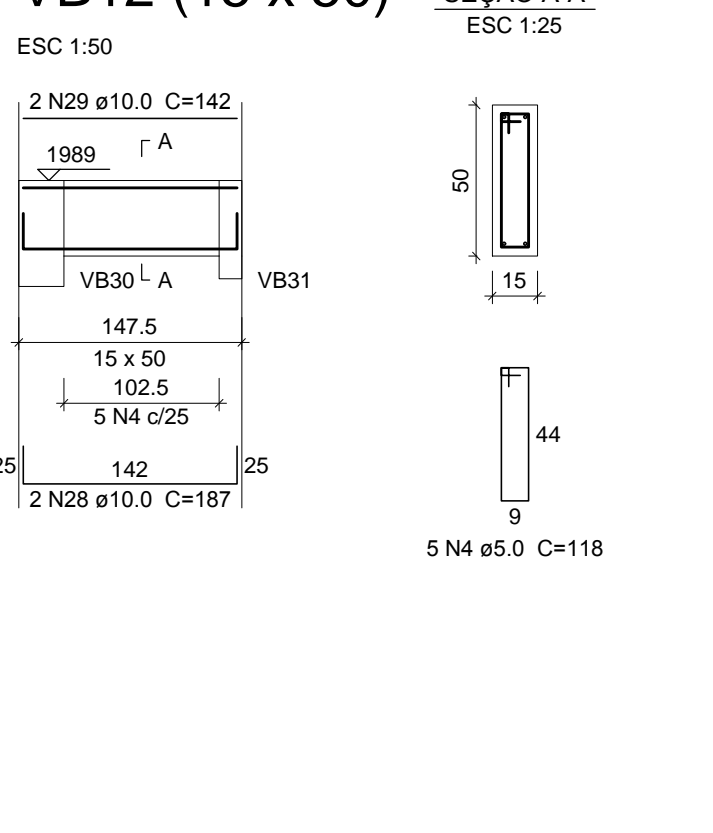
VB8 (15 x 50)



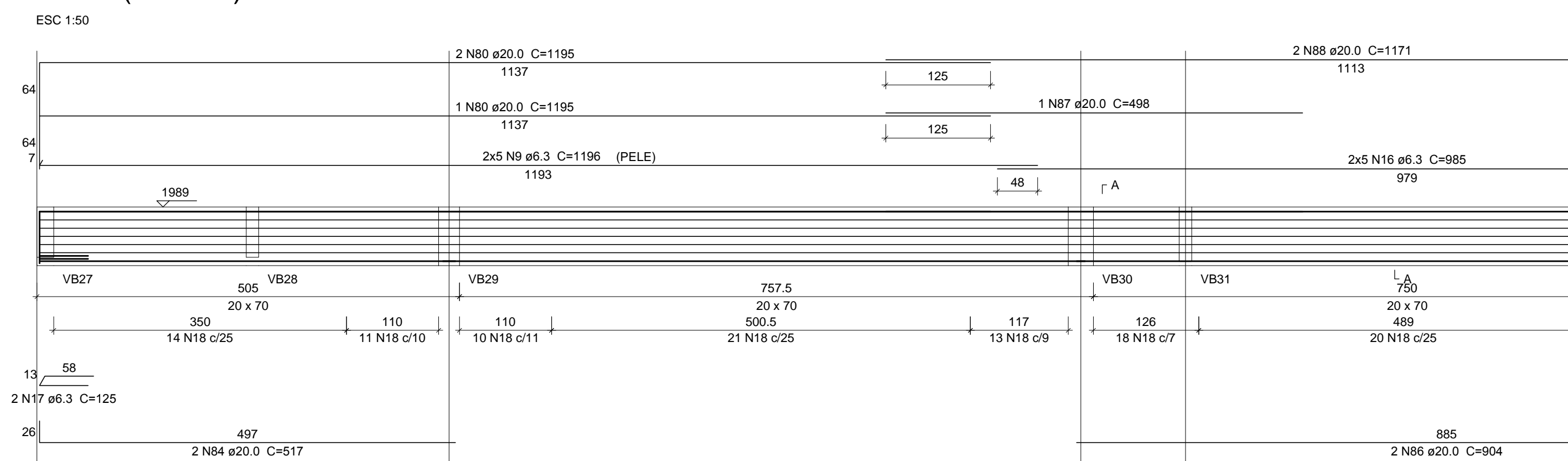
VB9 (15 x 50)



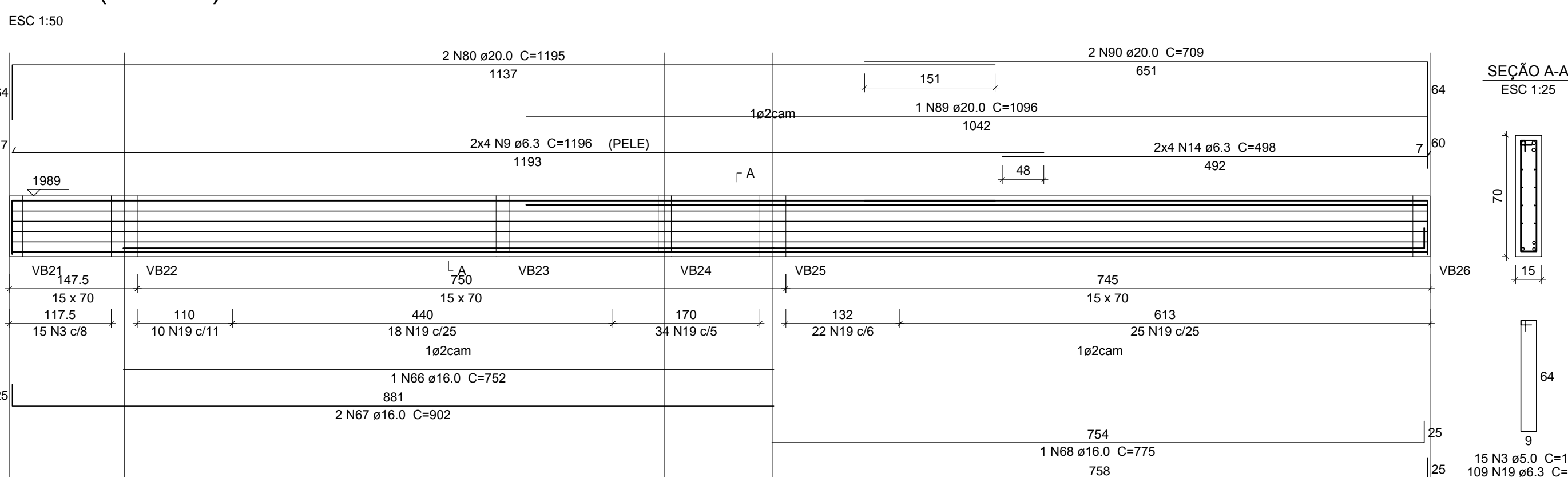
VB12 (15 x 50)



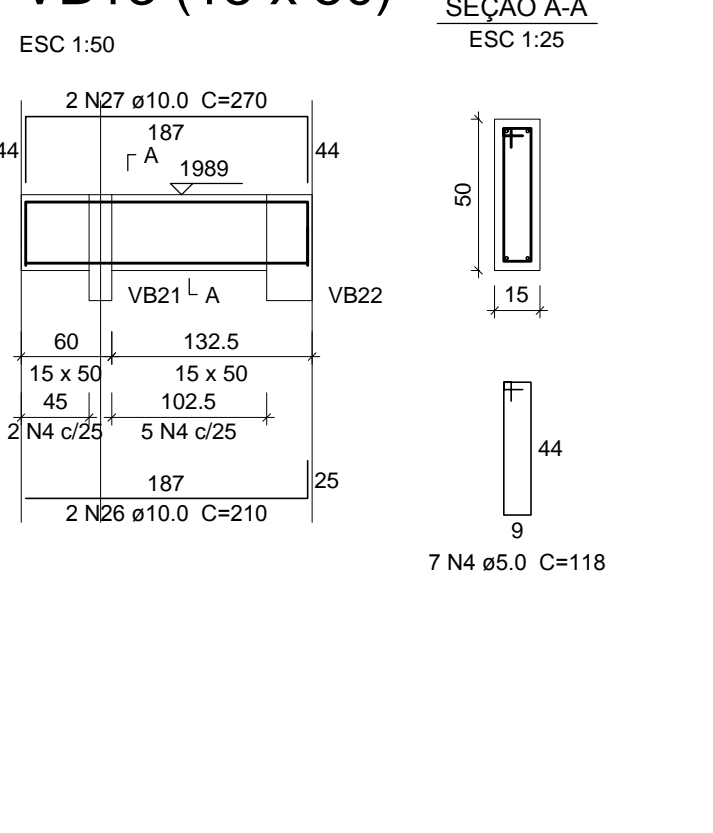
VB10 (20 x 70)



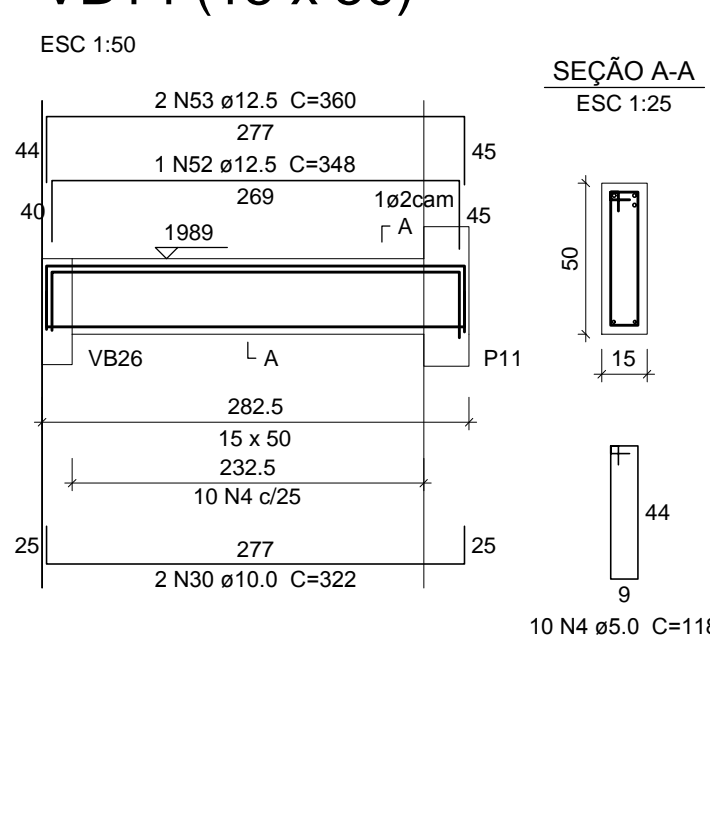
VB11 (15 x 70)



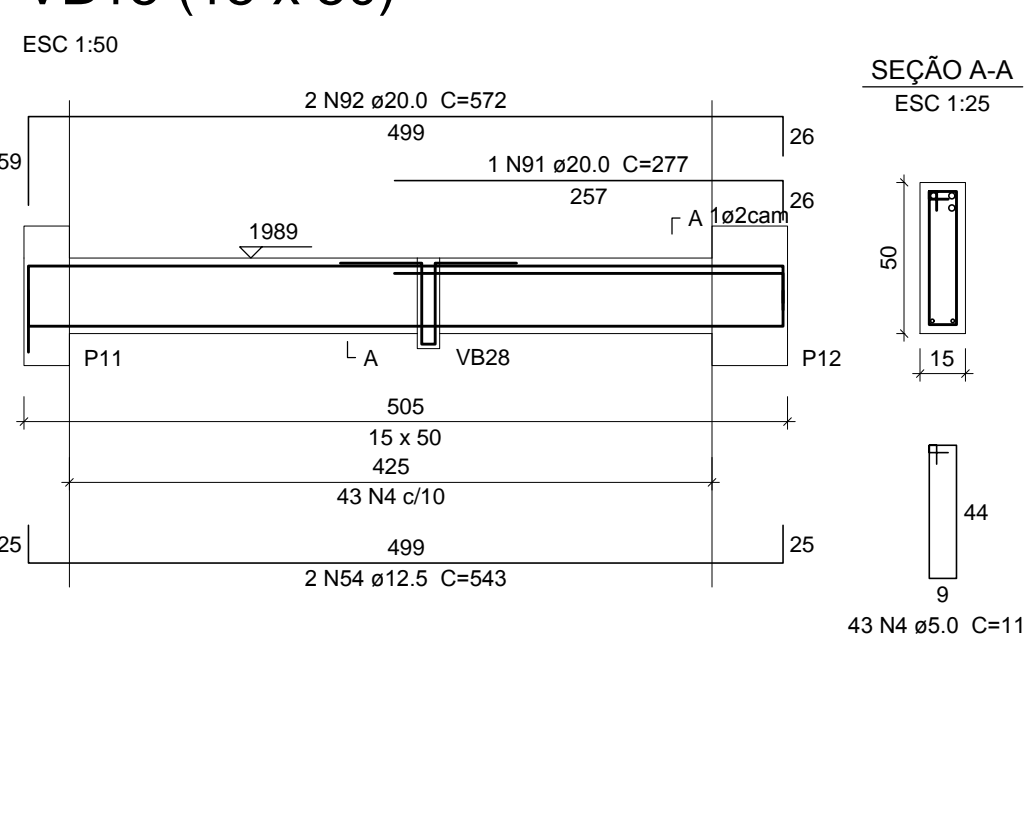
VB13 (15 x 50)



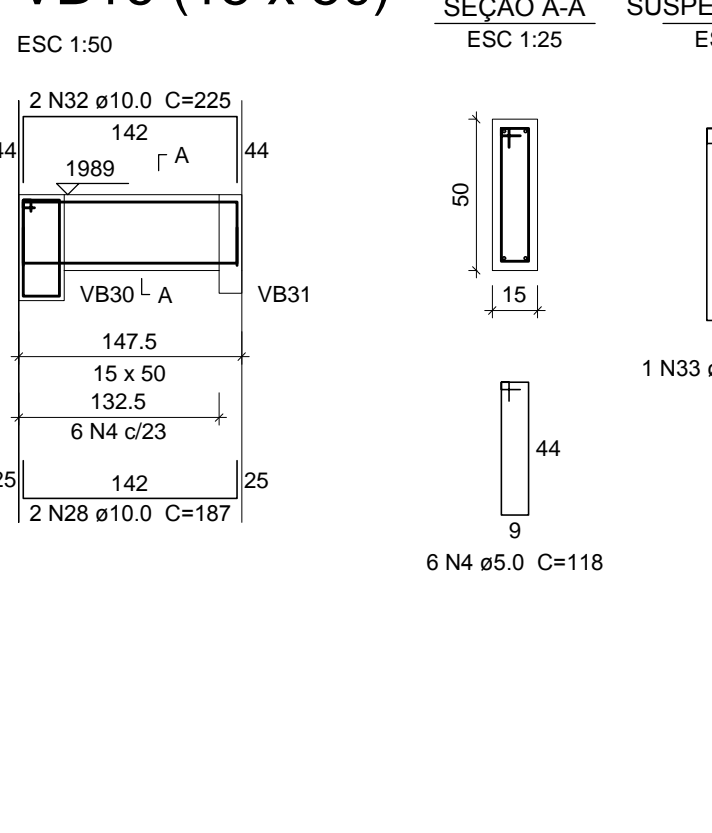
VB14 (15 x 50)



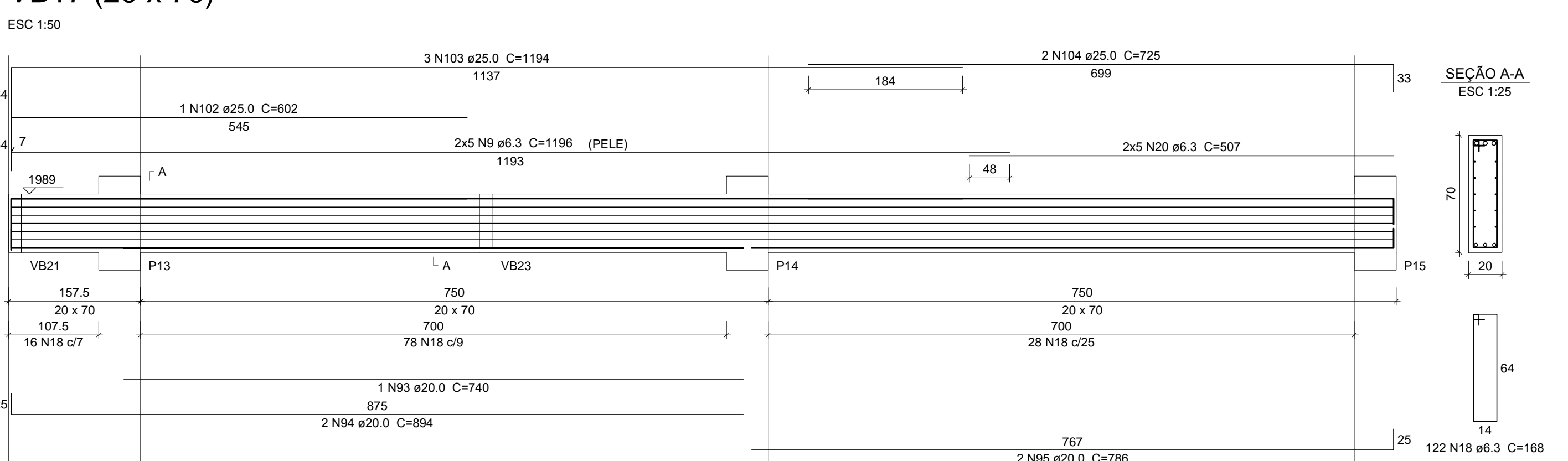
VB15 (15 x 50)



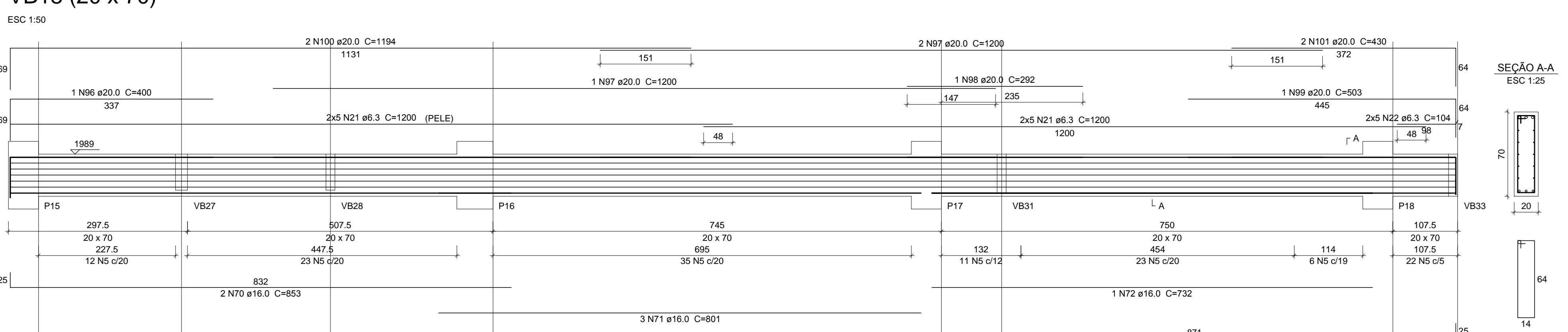
VB16 (15 x 50)



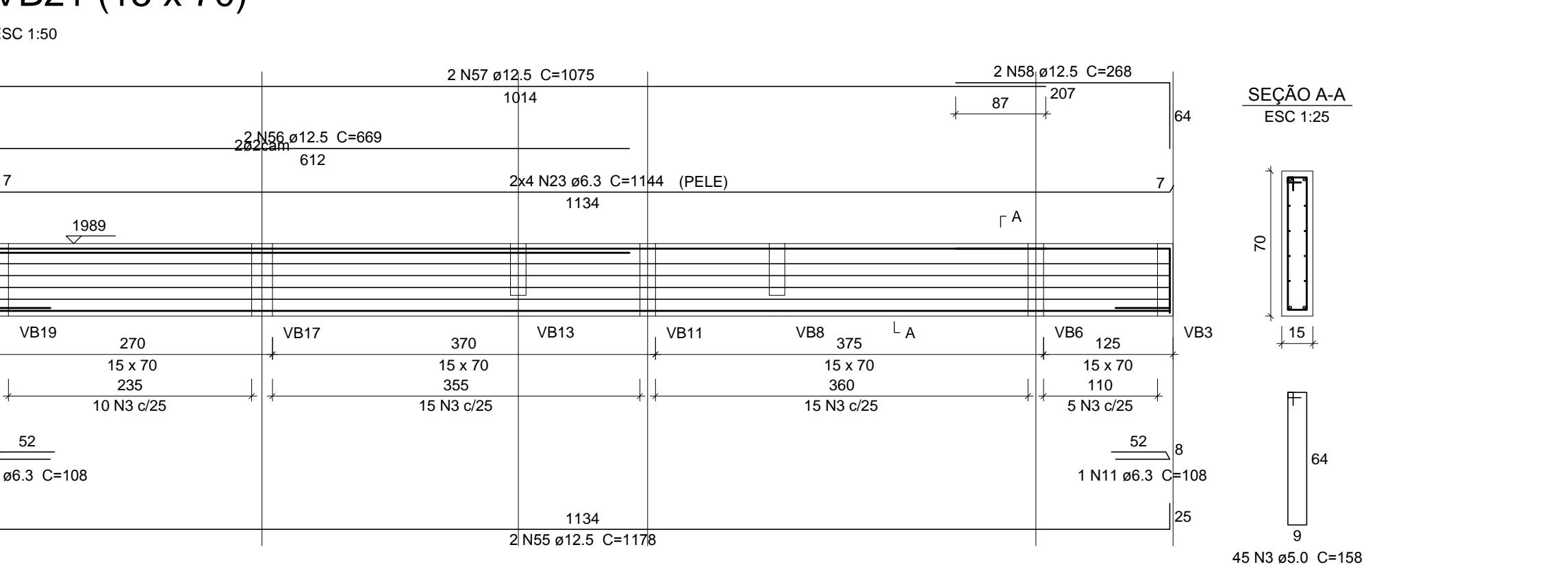
VB17 (20 x 70)



VB18 (20 x 70)



VB21 (15 x 70)



NOTAS GERAIS :

PARA TODAS AS PARTES DA OBRA :

1. CONCRETO Fck=25,0 MPa (250 kgf/cm²); FATOR AGUAMENTO MÁXIMO = 0,8 kg; CONSUMO MÍNIMO DE CIMENTO = 300kg/m³.

2. EFETUAR CURA DO CONCRETO POR UM PERÍODO NÃO INFERIOR A 7 DIAS, MANTENDO UMEDECIDA A SUPERFÍCIE E/OU PROTEGENDO-A.

3. USAR DISTANCIADORES PARA GARANTIR OS COBRIMENTOS INDICADOS.

LAJES : COBRIMENTO : 2,5cm

VIGAS E PILARES: COBRIMENTO : 3,0cm

BLOCOS: COBRIMENTO : 4,0cm

4. CONFERIR MEDIDAS NO LOCAL ANTES DE EXECUTAR OS SERVIÇOS.

5. TODAS AS PEÇAS ESTRUTURAIS DEVERÃO TER AS DIMENSÕES MÍNIMAS MENCIONADAS NESTE PROJETO.

6. A EXECUÇÃO DA ESTRUTURA DEVERÁ OBEDECER AS PRESCRIÇÕES DA NBR-6118-2014.

Relação do aço

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	5,0	4	180	720
VB1	2	5,0	4	184	736
VB6	3	5,0	443	158	69994
VB8	4	5,0	108	118	12744
VB12	5	5,0	132	168	22176
VB15	6	6,3	1	146	146
VB18	7	6,3	17	116	2006
VB2	8	6,3	8	829	6632
VB4	9	6,3	60	1196	71760
VB5	10	6,3	8	527	4216
VB7	11	6,3	11	108	1188
VB9	12	6,3	8	528	4224
VB11	13	6,3	8	505	4040
VB13	14	6,3	16	498	7968
VB14	15	6,3	8	735	5880
VB16	16	6,3	10	985	9850
VB17	17	6,3	2	125	250
VB19	18	6,3	242	168	40656
VB20	19	6,3	109	158	17222
VB21	20	6,3	117	20	5070
VB22	21	6,3	20	1200	24000
VB23	22	6,3	10	104	1040
VB24	23	6,3	8	1144	9152
VB25	24	10,0	2	294	588
VB26	25	10,0	2	249	498
VB27	26	10,0	4	210	840
VB28	27	10,0	4	270	1080
VB29	28	10,0	4	197	788
VB30	29	10,0	2	142	284
VB31	30	10,0	2	322	644
VB32	31	10,0	2	216	432
VB33	32	10,0	2	225	450
VB34	33	10,0	1	189	189
VB35	34	12,5	1	802	802
VB36	35	12,5	2	810	1620
VB37	36	12,5	2	899	1798
VB38	37	12,5	2	812	1624
VB39	38	12,5	2	784	1568
VB40	39	12,5	2	566	1132
VB41	40	12,5	2	784	1568
VB42	41	12,5	4	849	3396
VB43	42	12,5	2	1092	2184
VB44	43	12,5	2	1198	2396
VB45	44	12,5	2	684	1368
VB46	45	12,5	2	521	1042
VB47	46	12,5	4	785	3140
VB48	47	12,5	2	889	1778
VB49	48	12,5	2	763	1526
VB50	49	12,5	2	767	1534
VB51	50	12,5	2	725	1450
VB52	51	12,5	2	1004	2008
VB53	52	12,5	1	348	696
VB54	53	12,5	2	380	760
VB55	54	12,5	2	543	1086
VB56	55	12,5	2	1178	2356
VB57	56	12,5	2	669	1338
VB58	57	12,5	2	1075	2150
VB59	58	12,5	2	298	596
VB60	59	16,0	1	441	441
VB61	60	16,0	2	374	748
VB62	61	16,0	2	840	1680
VB63	62	16,0	1	590	590
VB64	63	16,0	2	1196	2392
VB65	64	16,0	2	632	1264
VB66	65	16,0	2	374	748
VB67	66	16,0	1	752	752
VB68	67	16,0	2	802	1604
VB69	68	16,0	1	775	775
VB70	69	16,0	2	779	1558
VB71	70	16,0	2	853	1706
VB72	71	16,0	3	801	2403
VB73	72	16,0	1	732	732
VB74	73	16,0	2	892	1784
VB75	74	20,0	2	263	526
VB76	75	20,0	4	302	1208
VB77	76	20,0	2	587	1174
VB78	77	20,0	2	600	1200
VB79	78	20,0	2	499	998
VB80	79	20,0	1	1046	1046
VB81	80	20,0	10	1196	11960
VB82	81	20,0	2	690	1380
VB83	82	20,0	2	768	1536
VB84	83	20,0	2	947	1894
VB85	84	20,0	2	517	1034
VB86	85	20,0	2	768	1536
VB87	86	20,0	2	904	1808
VB88	87	20,0	1	498	498
VB89	88	20,0	2	1171	2342
VB90	89	20,0	1	1096	1096
VB91	90	20,0	2	709	1418
VB92	91	20,0	1	277	277
VB93	92	20,0	2	572	1144
VB94	93	20,0	1	740	740
VB95	94	20,0	2	894	1788
VB96	95	20,0	2	786	1572
VB97	96	20,0	1	400	400
VB98	97	20,0	3	1200	3600
VB99	98	20,0	1	292	292
VB100	99	20,0	1	503	503
VB101	100	20,0	2	1194	2388
VB102	101	20,0	2	430	860
VB103	102	25,0	1	602	602
VB104	103	25,0	3	1194	3582
VB105	104	25,0	2	725	1450

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	5,3	2153	585,8
	10,0	57,6	35,5
	12,5	365,3	380,8
	16,0	197,2	311,3
	20,0	499,7	1133,8
	25,0	56,3	217,0
CA50	5,0	1063,7	164
PESO TOTAL			
CA50		2865,0	
CA50		164	

Volume de concreto (C-25) = 21,91 m³

Área de forma = 295,52 m²

COORDENADOR DE CONTRATO : JOSÉ CARLOS DA ROCHA RNP : 05008020-3

RESPONSÁVEL TÉCNICO : ALESSANDRE M. ASSIS PEREIRA RNP : 05008746-7

ENGENHEIRO - LEILSON REZENDE RNP : 05008291-0

ALTERAÇÕES	DATA	RESPON	TIPO E LOCAL DA ALTERAÇÃO
01			
02			
03			

COORDENADOR DE CONTRATO	RESPONSÁVEL TÉCNICO	ENGENHEIRO
JOSÉ CARLOS DA ROCHA RNP : 05008020-3	ALESSANDRE M. ASSIS PEREIRA RNP : 05008746-7	LEILSON REZENDE RNP : 05008291-0

UNIVERSIDADE FEDERAL DA BAHIA	SUMAI
COORDENADOR DE PLANEJAMENTO, PROJETO E OBRA : ANA MARGA ROBERTO PINHEIRO CDA : 42554-4	COORDENADOR DE PLANEJAMENTO, PROJETO E OBRA : ANA MARGA ROBERTO PINHEIRO CDA : 42554-4

CIENIAM	CAMPUS DE ONDINA
PROFESSOR RESPONSÁVEL : SALVADOR/BA	PROFESSOR RESPONSÁVEL : SALVADOR/BA

ARMADURA DAS VIGAS DO PRIMEIRO PAVIMENTO	R00
ESTRUTURA CONCRETO	PROJETO EXECUTIVO

DATA	FEITO E APROVADO	APROVADO	PROJETO EXECUTIVO
07/2016	ROCHA	LEILSON REZENDE	