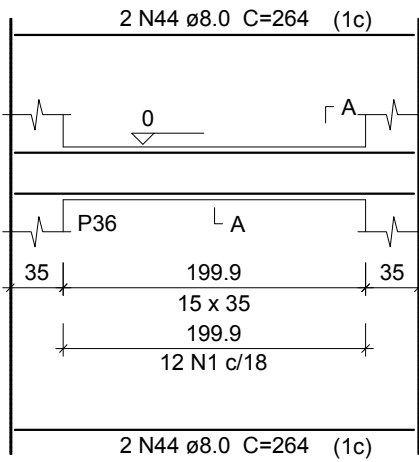


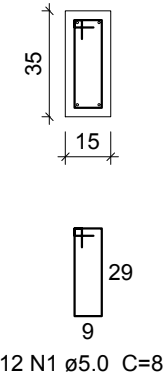
V20

ESC 1:50



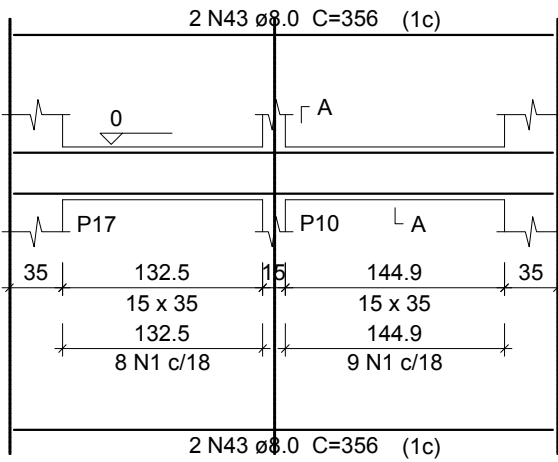
SEÇÃO A-A

ESC 1:25



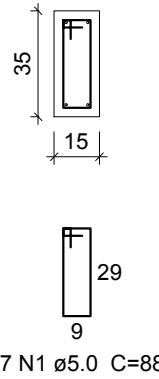
V21

ESC 1:50



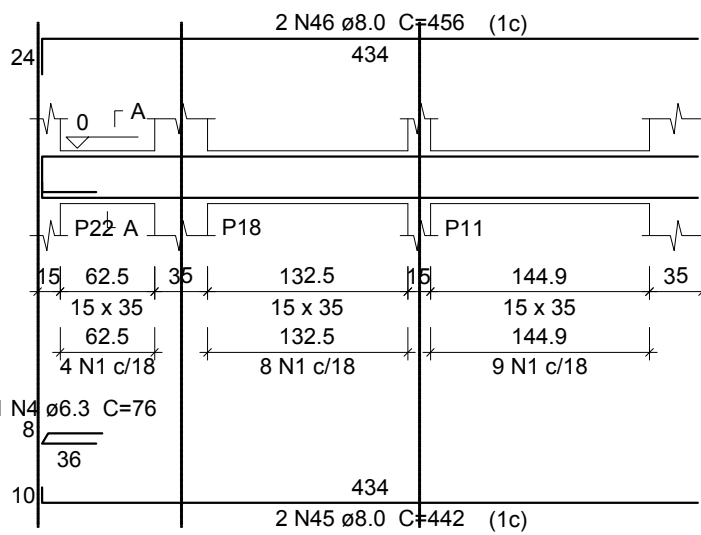
SEÇÃO A-A

ESC 1:25



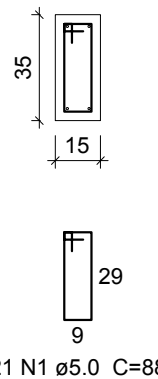
V22

ESC 1:50



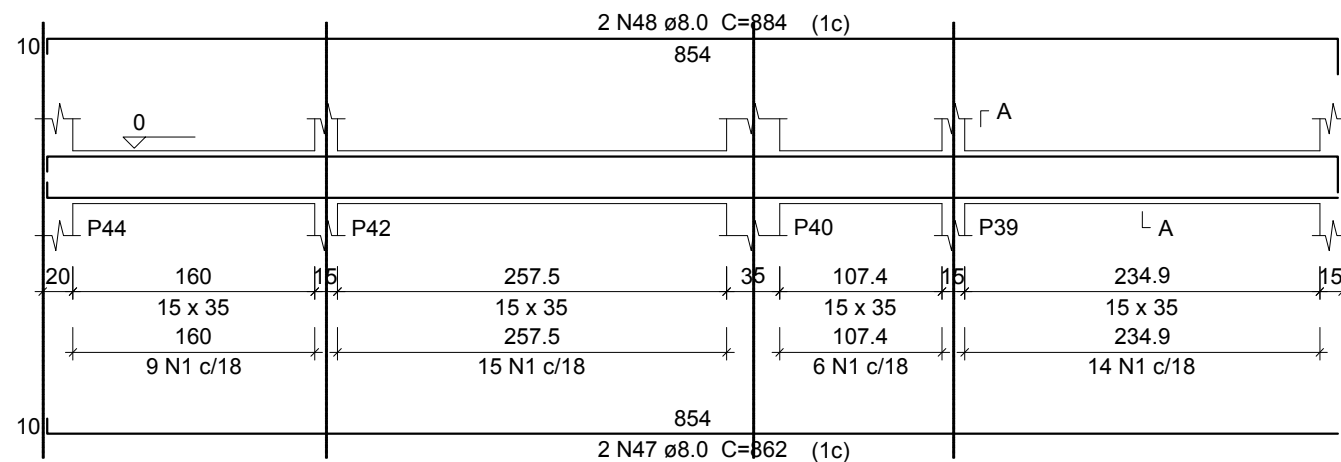
SEÇÃO A-A

ESC 1:25



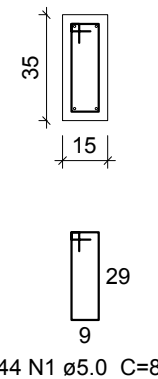
V23

ESC 1:50



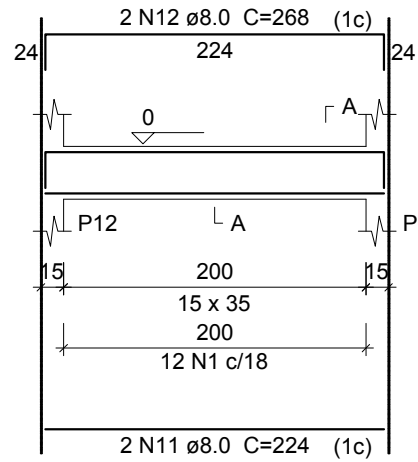
SEÇÃO A-A

ESC 1:25



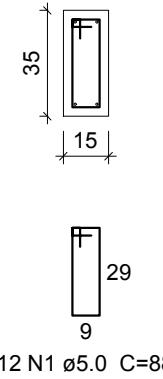
V24

ESC 1:50



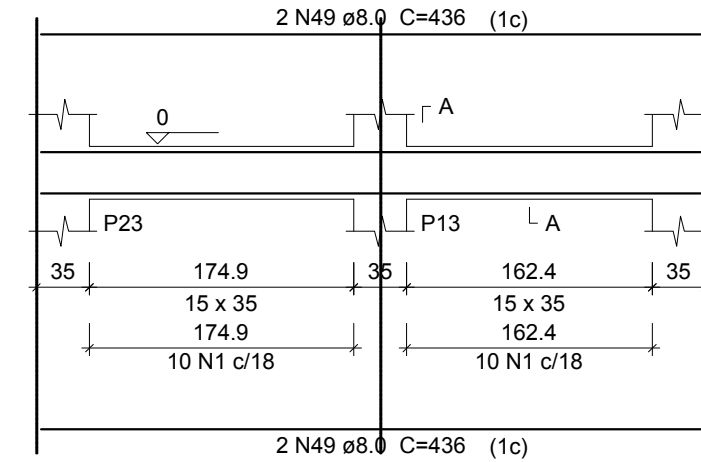
SEÇÃO A-A

ESC 1:25



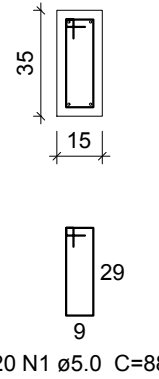
V25

ESC 1:50



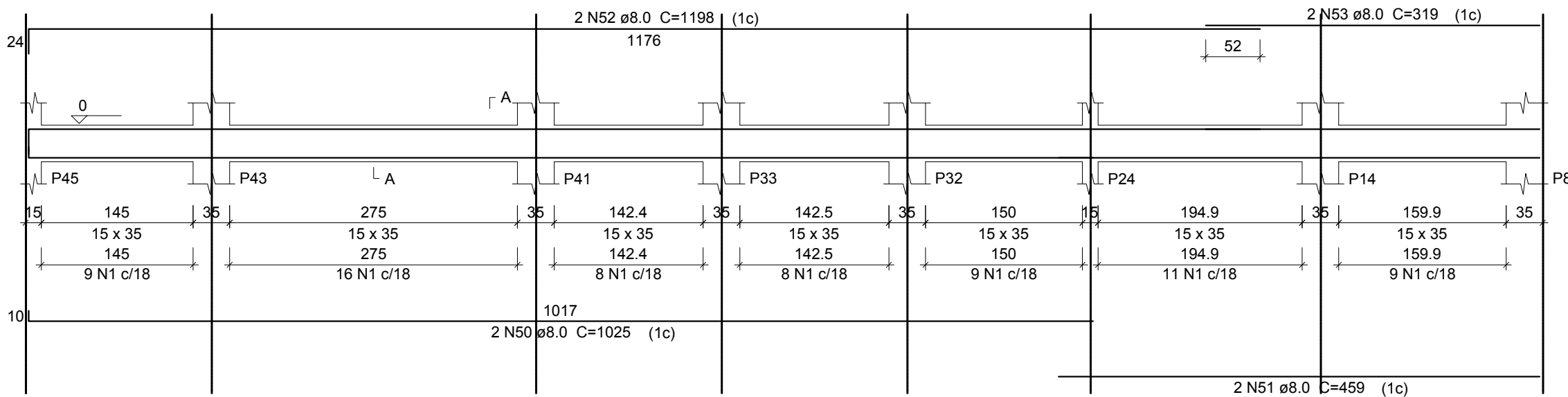
SEÇÃO A-A

ESC 1:25



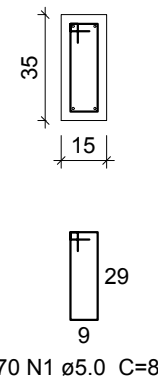
V26

ESC 1:50



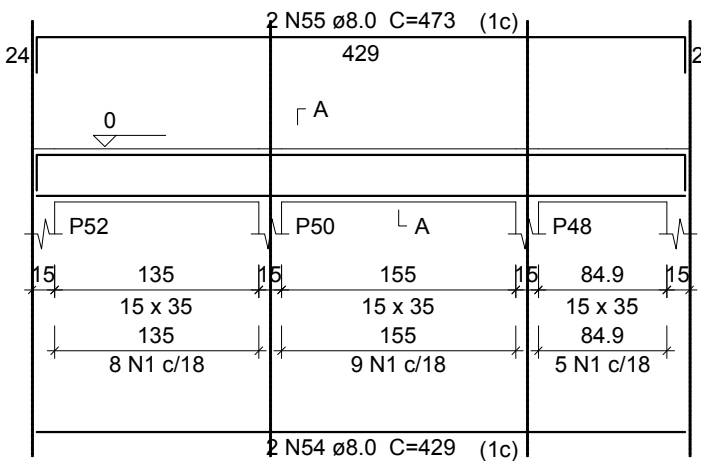
SEÇÃO A-A

ESC 1:25



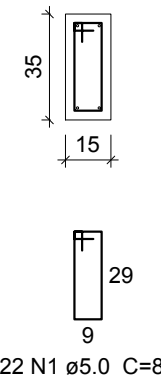
V27

ESC 1:50



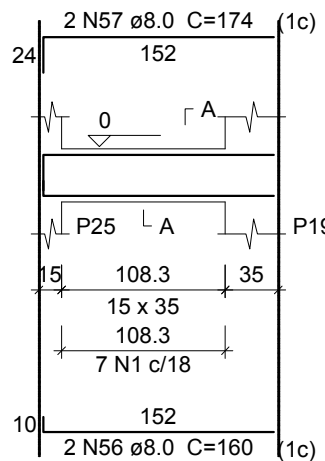
SEÇÃO A-A

ESC 1:25



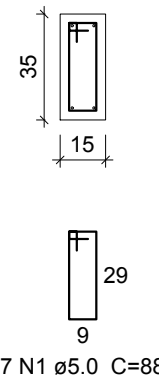
V28

ESC 1:50



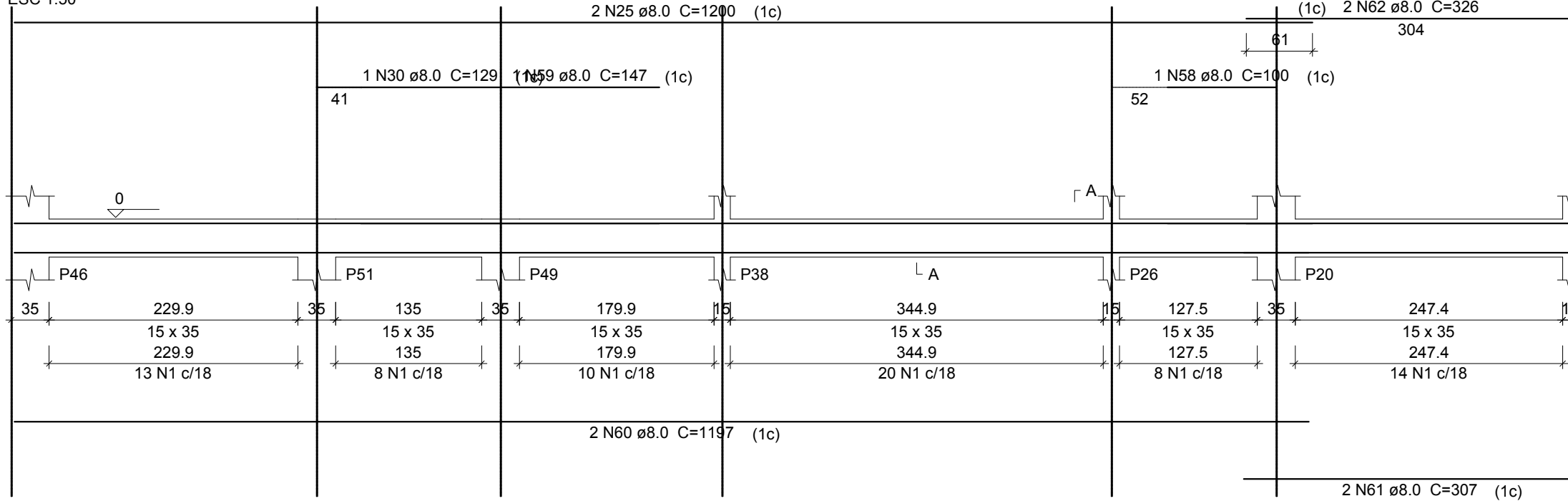
SEÇÃO A-A

ESC 1:25



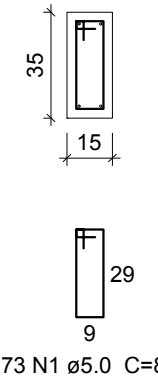
V29

ESC 1:50



SEÇÃO A-A

ESC 1:25



01 PLANTA VIGA BALDRAME

Relação do aço

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	930	88	81840
	2	5.0	2	292	584
	3	5.0	2	245	490
CA50	4	6.3	2	76	152
	5	8.0	2	1044	2088
	6	8.0	2	795	1590
	7	8.0	2	442	884
	8	8.0	4	179	716
	9	8.0	2	164	328
	10	8.0	2	178	356
	11	8.0	4	224	896
	12	8.0	4	268	1072
	13	8.0	2	296	592
	14	8.0	2	340	680
	15	8.0	2	190	380

16	8.0	2	218	436
17	8.0	2	1057	2114
18	8.0	2	242	484
19	8.0	1	507	507
20	8.0	2	1119	2238
21	8.0	2	177	354
22	8.0	2	1037	2074
23	8.0	2	352	704
24	8.0	1	150	150
25	8.0	4	1200	4800
26	8.0	2	284	568
27	8.0	2	444	888
28	8.0	2	466	932
29	8.0	2	1144	2288
30	8.0	3	129	387
31	8.0	2	178	356
32	8.0	4	309	1236
33	8.0	4	353	1412
34	8.0	1	297	297
35	8.0	3	714	2142
36	8.0	2	116	232
37	8.0	2	165	330
38	8.0	1	300	300
39	8.0	1	712	712
40	8.0	2	1149	2298
41	8.0	4	849	3396
42	8.0	4	871	3484
43	8.0	8	356	2848
44	8.0	4	264	1056
45	8.0	2	442	884

46	8.0	2	456	912
47	8.0	2	862	1724
48	8.0	2	884	1768
49	8.0	4	436	1744
50	8.0	2	1025	2050
51	8.0	2	459	918
52	8.0	2	1198	2396
53	8.0	2	319	638
54	8.0	2	429	858
55	8.0	2	473	946
56	8.0	2	160	320
57	8.0	2	174	348
58	8.0	1	100	100
59	8.0	1	147	147
60	8.0	2	1197	2394
61	8.0	2	307	614
62	8.0	2	326	652
63	10.0	2	1198	2396
64	10.0	2	1165	2330
65	10.0	2	1144	2288
66	10.0	2	178	356
67	10.0	2	238	476
68	10.0	2	188	376
69	10.0	2	253	506
70	12.5	1	240	240
71	12.5	1	285	285
72	12.5	2	710	1420
73	16.0	2	286	572

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	1.6	0.4
	8.0	680.2	295.2
	10.0	87.3	59.2
	12.5	19.5	20.6
	16.0	5.8	9.9
CA60	5.0	829.2	140.6
PESO TOTAL			
CA50		385.4	
CA60		140.6	

Vol. de concreto total (C-25) = 9.71 m³
Área de forma total = 157.28 m²



DEFENSORIA PÚBLICA DO ESTADO DE RORAIMA
COMARCA BONFIM

PROJETO ESTRUTURAL
ARMADURA BALDRAME (3/3)

ASSUNTO:

DEFENSORIA PÚBLICA GERAL DO ESTADO DE RORAIMA:

DATA: 09/2017 ESCALA: Indicada no Desenho ÁREA TOTAL: 250,45 m² PRANCHA: EST.3/15

REVISÕES NA PRANCHA

Nº	COMENTÁRIO:	AUTOR:	DATA: