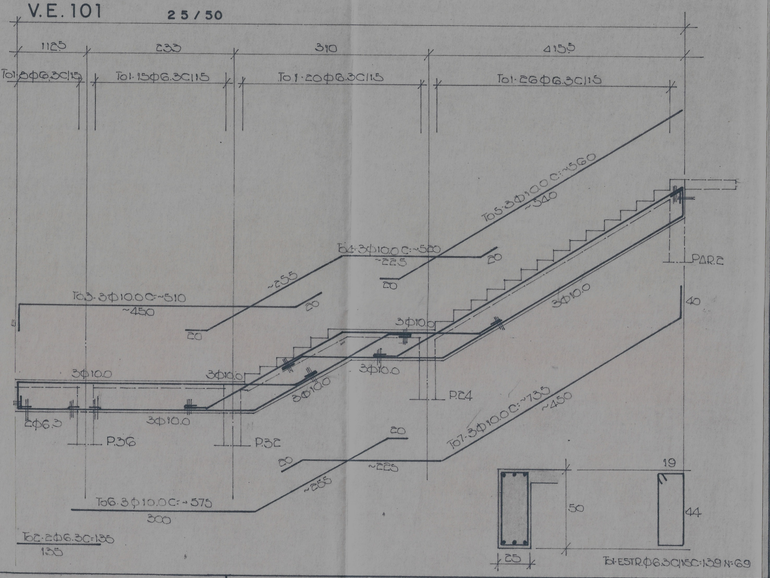
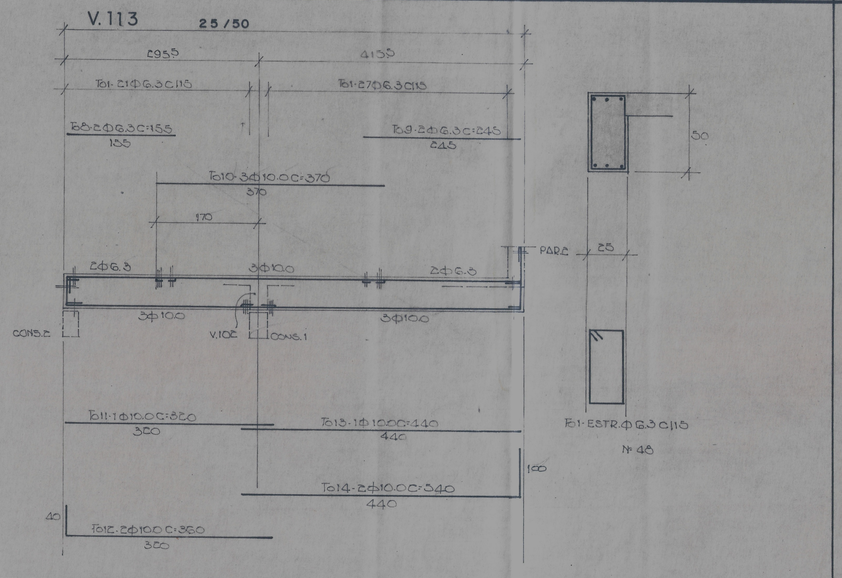
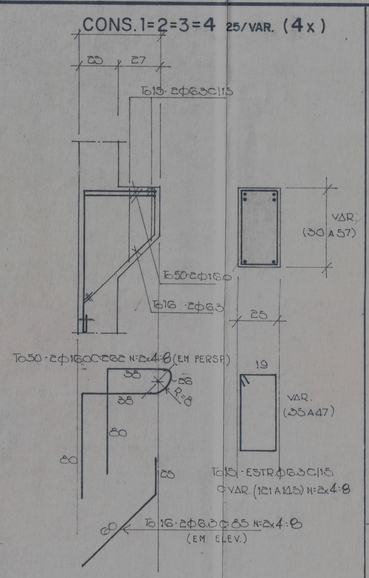
V.E.101 25/50



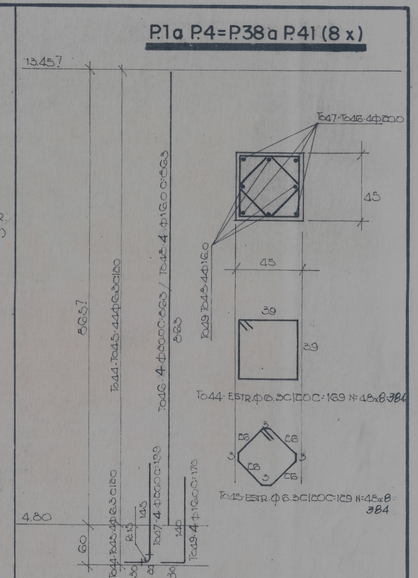
V.113 25/50



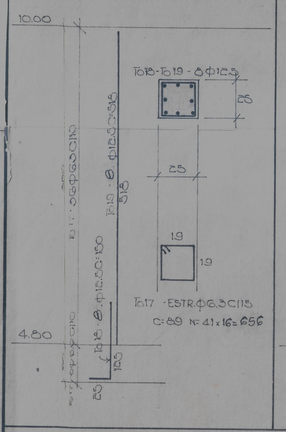
CONS.1=2=3=4 25/VAR. (4x)



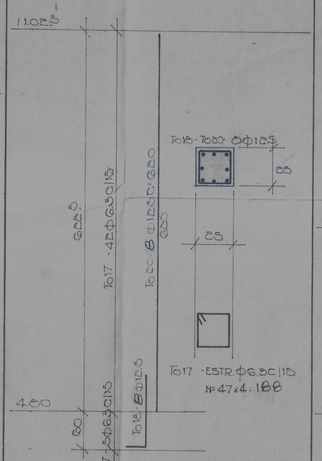
P.1 a P.4 = P.38 a P.41 (8 x)



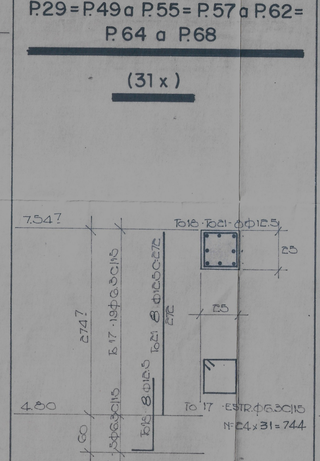
P.5 ✻ P.10 a P.14 = P.37 = P.69 a P.74 (16 x)



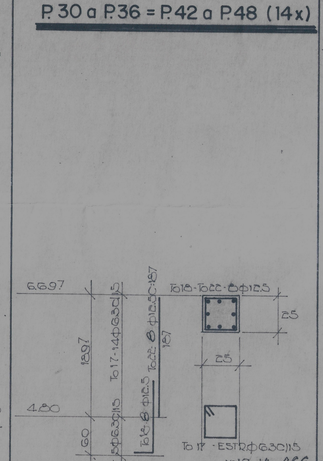
P.19 = P.25 = P.56 = P.63 (4 x)



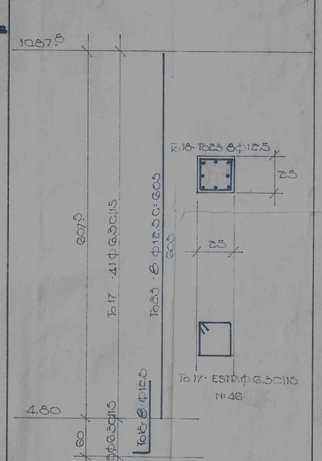
P.15 a P.18 = P.20 a P.24 = P.26 a P.29 = P.49 a P.55 = P.57 a P.62 = P.64 a P.68 (31 x)



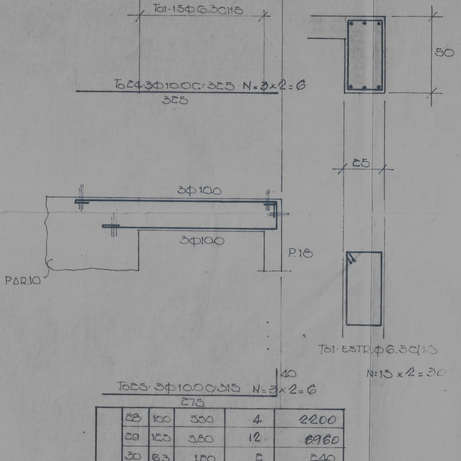
P.30 a P.36 = P.42 a P.48 (14x)



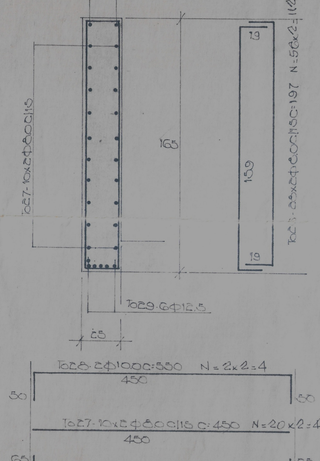
P.9



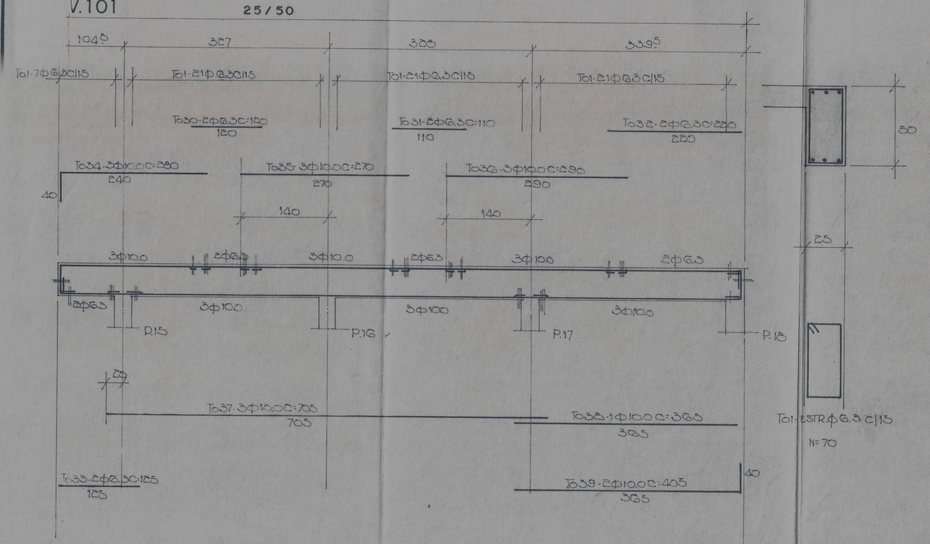
V.112 = V.126 (2 x)



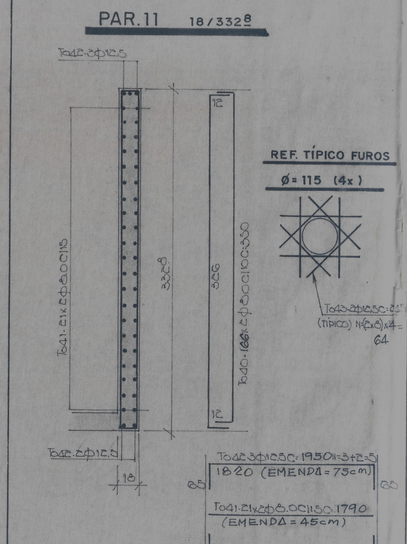
PAR.10 = PAR.17 (2 x)



V.101 25/50



PAR.11 18/332 8



AÇO CA-50 A

Ref.	To	Ø	C	N	C x N
1	6.3	1.39	217	301.63
2	"	1.35	2	2.70
3	100	5.10	3	15.30
4	"	5.60	3	16.80
5	"	5.80	3	17.40
6	"	5.75	3	17.25
7	"	7.35	3	22.05
8	6.3	1.55	2	3.10
9	"	2.45	2	4.90
10	100	3.70	3	11.10
11	"	3.50	1	3.50
12	"	3.60	2	7.20
13	"	4.40	1	4.40
14	"	3.40	2	10.80
15	6.3	VAR.	8	1064
16	"	.85	8	680
17	"	.89	1900	169100
18	12.5	1.30	528	79200
19	"	5.15	128	66304
20	"	6.00	32	19840
21	"	2.70	248	67456
22	"	1.87	112	20944
23	"	6.05	8	4840
24	100	3.55	6	1950
25	"	3.15	6	1890
26	80	1.97	112	22064
27	"	4.50	40	18000
28	100	5.50	4	2200
29	12.5	3.80	12	8960
30	6.3	1.20	2	240
31	"	1.10	2	220
32	"	2.20	2	440
33	"	1.25	2	250
34	100	2.60	3	5.40
35	"	2.70	3	5.40
36	"	2.90	3	5.70
37	"	7.05	3	21.15
38	"	3.65	1	3.65
39	"	4.05	2	8.10
40	80	3.30	332	116200
41	"	1.790	42	75180
42	12.5	1.950	5	9750
43	"	2.45	64	15680
44	6.3	1.69	384	64896
45	"	1.29	384	49536
46	80	8.63	32	27616
47	"	1.99	32	6368
48	12.5	8.63	32	27616
49	"	1.70	32	5440
50	"	2.60	8	2096

RESUMO AÇO CA-50A

Ø (mm)	kg/m	COMPR. (m)	PESO (kg)
6,3	0,25	3176.59	795
8	0,40	2314.44	926
10	0,62	242.20	151
12,5	0,97	2909.74	2823
16	1,58	351.52	556
20	2,47	339.84	840
22	2,98		
25	3,85		
PESO TOTAL			6091

REV. Nº	DESCRIÇÃO	DATA	APROV.
01	ADEQUAÇÃO DA EPC PARA IMPLANTAÇÃO EM ETAPA ÚNICA	06/94	

SECRETARIA DO DESENVOLVIMENTO URBANO E MEIO AMBIENTE - SDU

PROGRAMA SANEFOR

CONSÓRCIO CONCREMAT/CSL/CAB

SISTEMA DE DISPOSIÇÃO OCEÂNICA DE ESGOTOS DE FORTALEZA

EPC - ESTAÇÃO DE PRÉ-CONDICIONAMENTO

DOC. Nº 123-90-720

PENEIRAS

ARMAÇÃO: PILARES, CONSOLOS, VIGAS E PAREDES

PROJETISTA:	TOPÓGRAFO:	DESENHISTA: P. Siani	ESCALA: 1:50/20/30
RESP. TÉCNICO:	CONFERÊNCIA:	APROVAÇÃO:	DATA: /03/94