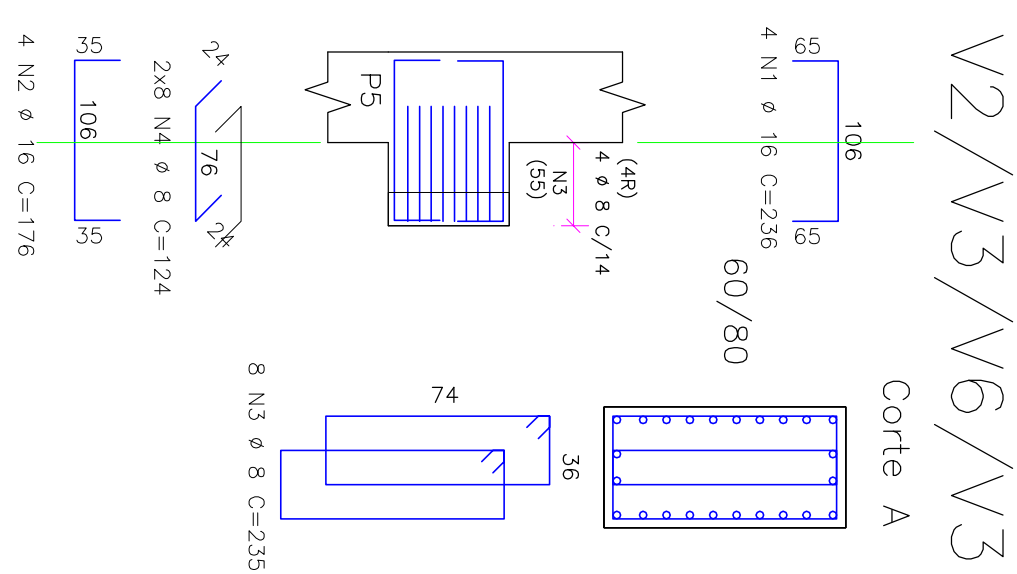
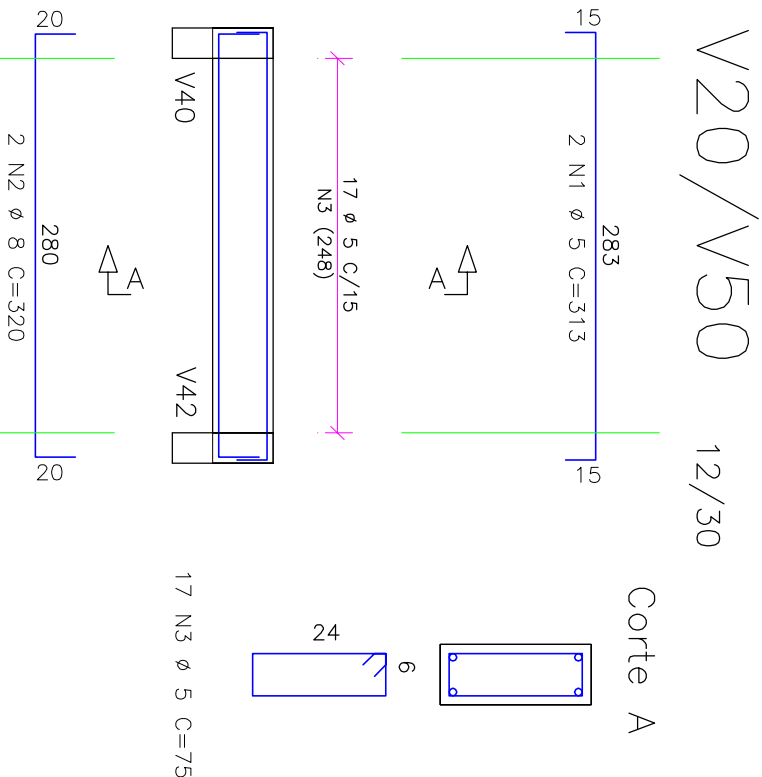
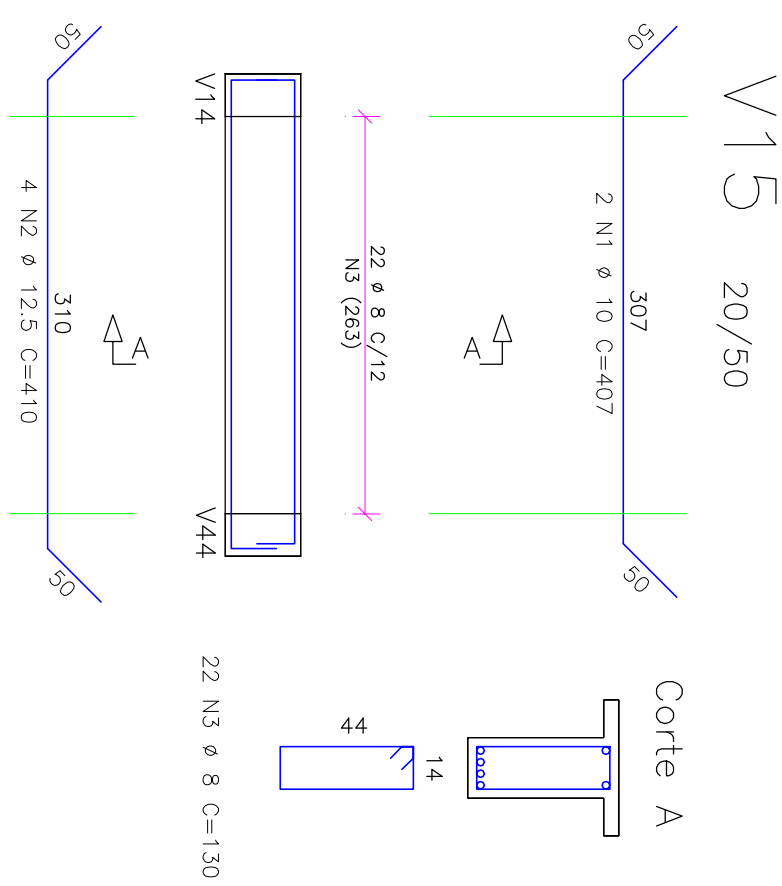
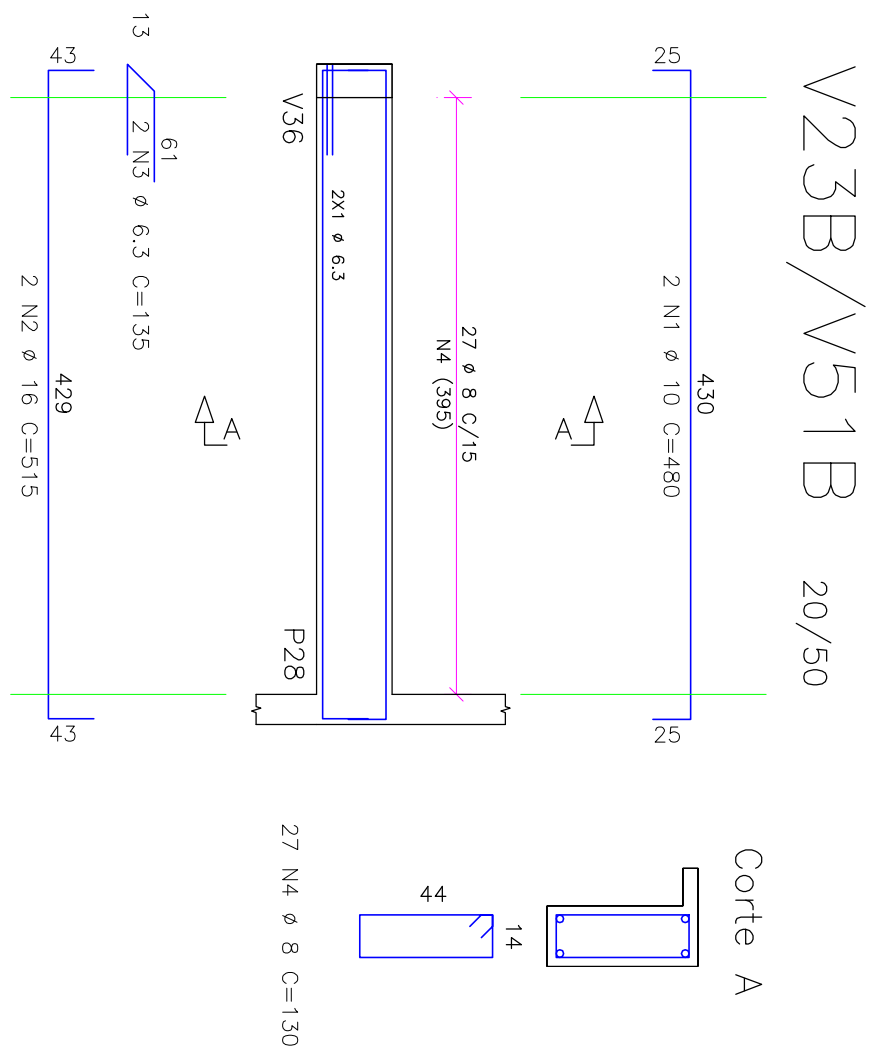
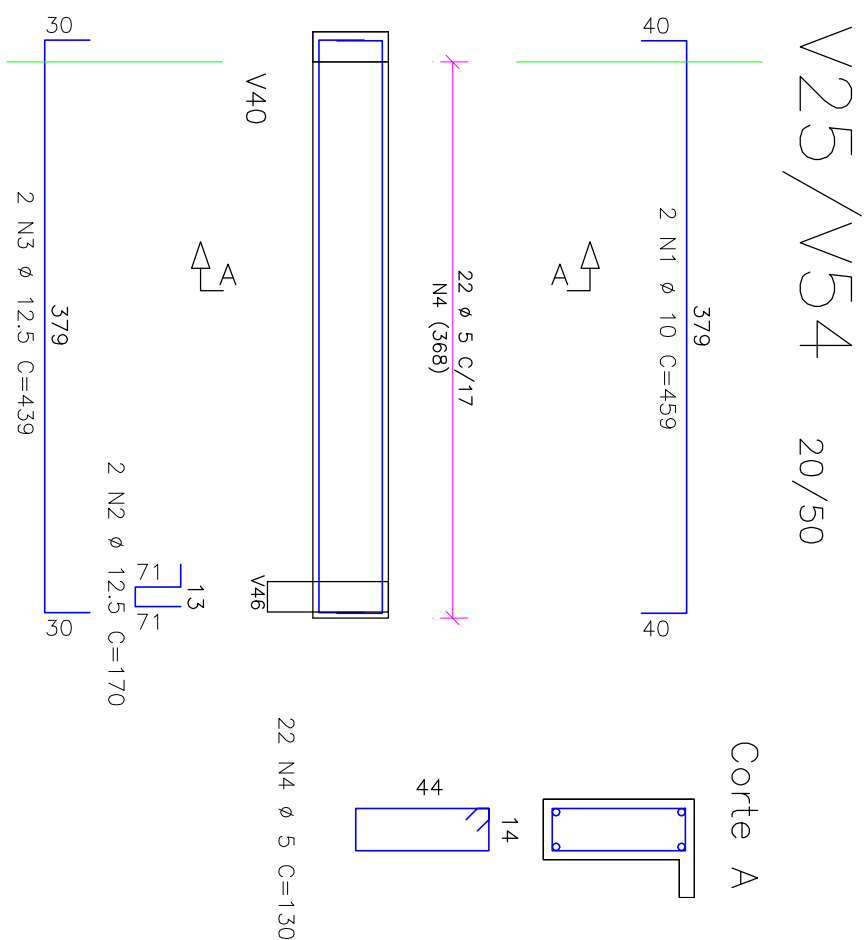
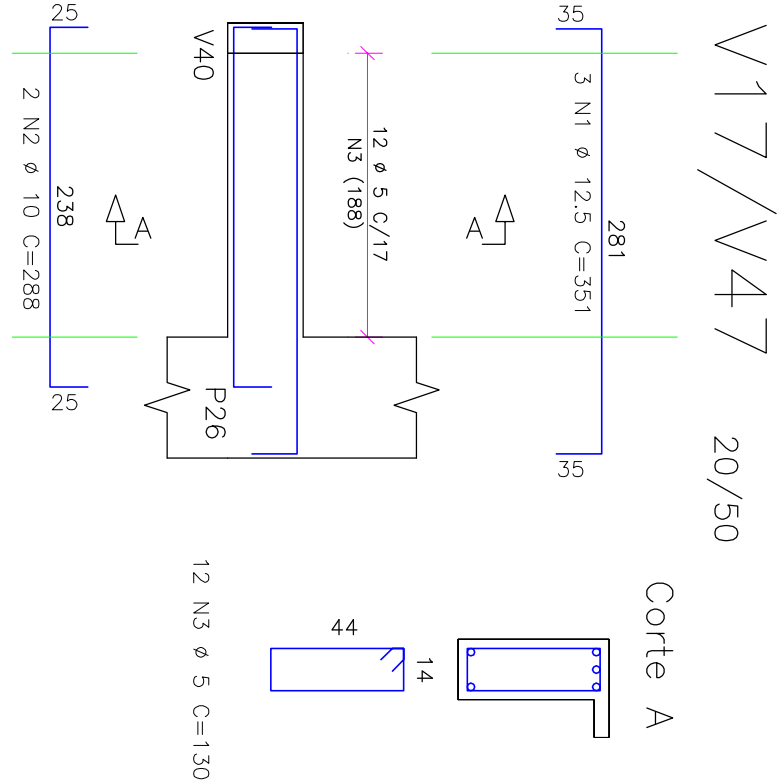
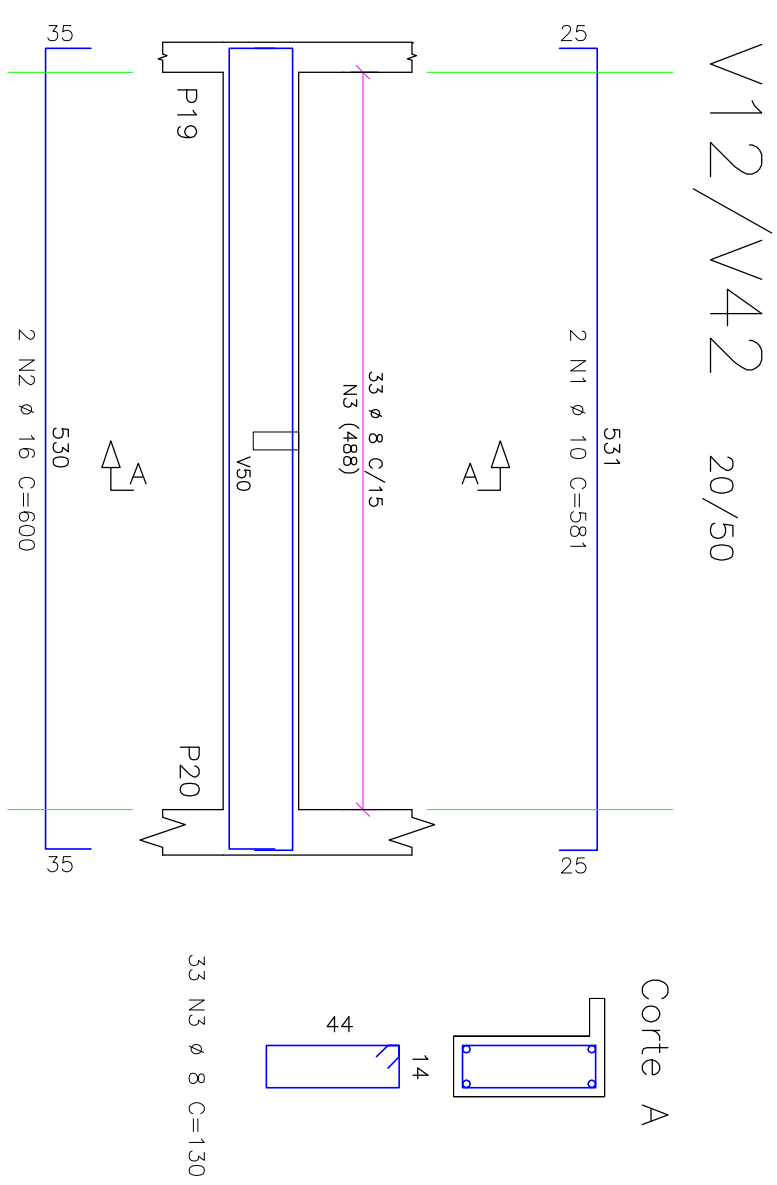
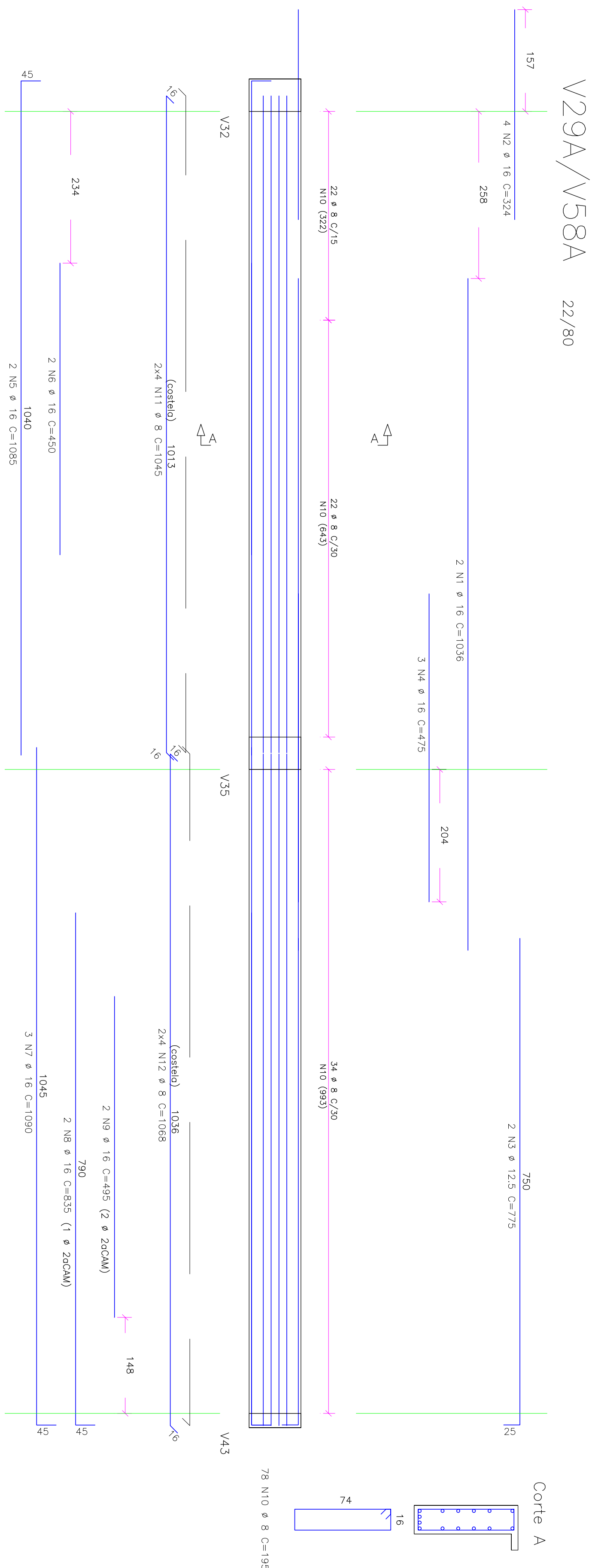




ACO	POS	BIT	QUANT	COMPONENTO
		(mm)		UNIT
				TOTAL
				(cm)
V2/ V3/ V6/ V31/ V32/ V35	(X6)	24	236	5664
50	16	16	424	1776
50	2	8	24	96
50	3	8	48	255
50	4	8	96	11904
V12/ V42	(X2)	4	581	2324
50	1	10	4	600
50	2	16	4	2400
50	3	8	66	130
50	4	8	66	130
V15				8590
50	1	10	2	407
50	2	12,5	4	410
50	3	8	22	130
50	4	8	22	2660
V17/ V47	(X2)	1	12,5	6
50	1	12,5	3,5	2106
50	2	5	4	288
50	3	5	24	1310
50	4	5	24	3120
V20/ V50	(X2)	1	5	4
50	1	5	4	31,3
50	2	5	4	1252
50	3	5	4	320
50	4	5	4	1280
50	5	5	4	2550
V25/ V54	(X2)	1	10	4
50	1	10	4	459
50	2	12,5	4	170
50	3	12,5	4	680
50	4	12,5	4	439
50	5	12,5	4	1756
50	6	12,5	4	5720
V29/ V58A	(X2)	1	16	4
50	1	16	4	1036
50	2	16	4	324
50	3	16	4	2592
50	4	16	4	475
50	5	16	4	2850
50	6	16	4	1085
50	7	16	4	4340
50	8	16	4	450
50	9	16	4	450
50	10	16	4	450
50	11	16	4	450
50	12	16	4	450
50	13	16	4	450
50	14	16	4	450
50	15	16	4	450
50	16	16	4	450
50	17	16	4	450
50	18	16	4	450
50	19	16	4	450
50	20	16	4	450
50	21	16	4	450
50	22	16	4	450
50	23	16	4	450
50	24	16	4	450
50	25	16	4	450
50	26	16	4	450
50	27	16	4	450
50	28	16	4	450
50	29	16	4	450
50	30	16	4	450
50	31	16	4	450
50	32	16	4	450
50	33	16	4	450
50	34	16	4	450
50	35	16	4	450
50	36	16	4	450
50	37	16	4	450
50	38	16	4	450
50	39	16	4	450
50	40	16	4	450
50	41	16	4	450
50	42	16	4	450
50	43	16	4	450
50	44	16	4	450
50	45	16	4	450
50	46	16	4	450
50	47	16	4	450
50	48	16	4	450
50	49	16	4	450
50	50	16	4	450
50	51	16	4	450
50	52	16	4	450
50	53	16	4	450
50	54	16	4	450
50	55	16	4	450
50	56	16	4	450
50	57	16	4	450
50	58	16	4	450
50	59	16	4	450
50	60	16	4	450
50	61	16	4	450
50	62	16	4	450
50	63	16	4	450
50	64	16	4	450
50	65	16	4	450
50	66	16	4	450
50	67	16	4	450
50	68	16	4	450
50	69	16	4	450
50	70	16	4	450
50	71	16	4	450
50	72	16	4	450
50	73	16	4	450
50	74	16	4	450
50	75	16	4	450
50	76	16	4	450
50	77	16	4	450
50	78	16	4	450
50	79	16	4	450
50	80	16	4	450
50	81	16	4	450
50	82	16	4	450
50	83	16	4	450
50	84	16	4	450
50	85	16	4	450
50	86	16	4	450
50	87	16	4	450
50	88	16	4	450
50	89	16	4	450
50	90	16	4	450
50	91	16	4	450
50	92	16	4	450
50	93	16	4	450
50	94	16	4	450
50	95	16	4	450
50	96	16	4	450
50	97	16	4	450
50	98	16	4	450
50	99	16	4	450
50	100	16	4	450
V23B/ V51B	(X2)	1	10	4
50	1	10	4	560
50	2	10	4	560
50	3	6,3	4	2540
50	4	6,3	4	135
50	5	54	130	7020

RESUMO AÇO CA 50-60			
AÇO	BIT	COMPR	PESO
	(mm)	(m)	(kg)
60	5	126	20
60	6,3	103,5	20
50	5	103,5	17
50	6,3	86	14,3
50	10	80	5
50	12,5	93	9,3
50	16	419	6,1
Peso Total	60 =	50 =	20 kg
Peso Total			1244 kg



OBSERVAÇÃO:			
ALTERAÇÃO	DATA	REVISÃO	ASSUNTO

ROPLAN REPRESENTAÇÃO DE PROJETOS R. Curioso Amarante, 988, Duque de Caxias, Cubatã / MT , CEP 78.045-330 fone / fax: (65) 3322 - 3669 aquatropioprojetos.com www.aquatropioprojetos.com	PROJETO EXECUTIVO PROJETO DE ESTRUTURA DE CONCRETO ARMADO	Propriedade: UNIRIO - UNIVERSIDADE FEDERAL DO ESTADO DO RIO DE JANEIRO Local: AV. PAULISTER, 468, URICA, RIO DE JANEIRO-RJ	Co-atores do Projeto: Autor do Projeto: ANDRÉ LUIZ SRAMKO Desenhista: ANDRÉ LUIZ SRAMKO MARIO ANDRÉ DE ANTONIM PALMA Desenhista: CML/ 056, 10580777
--	--	--	--