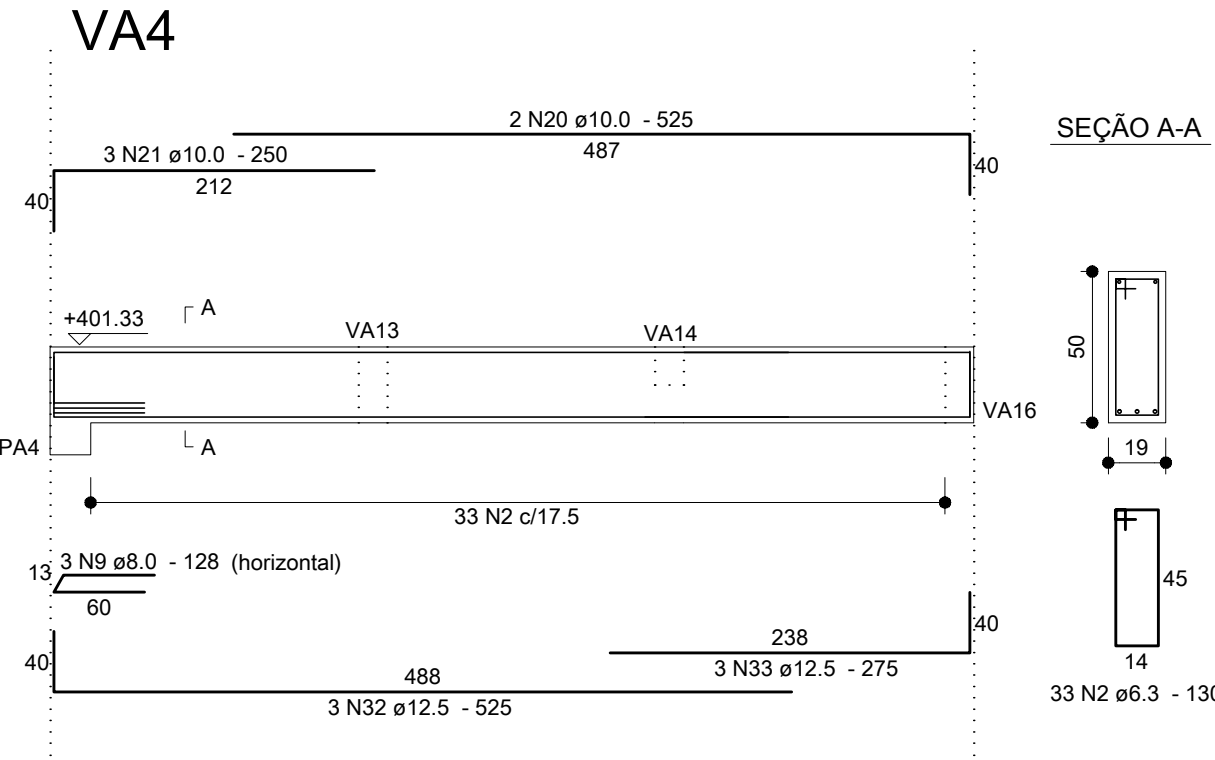
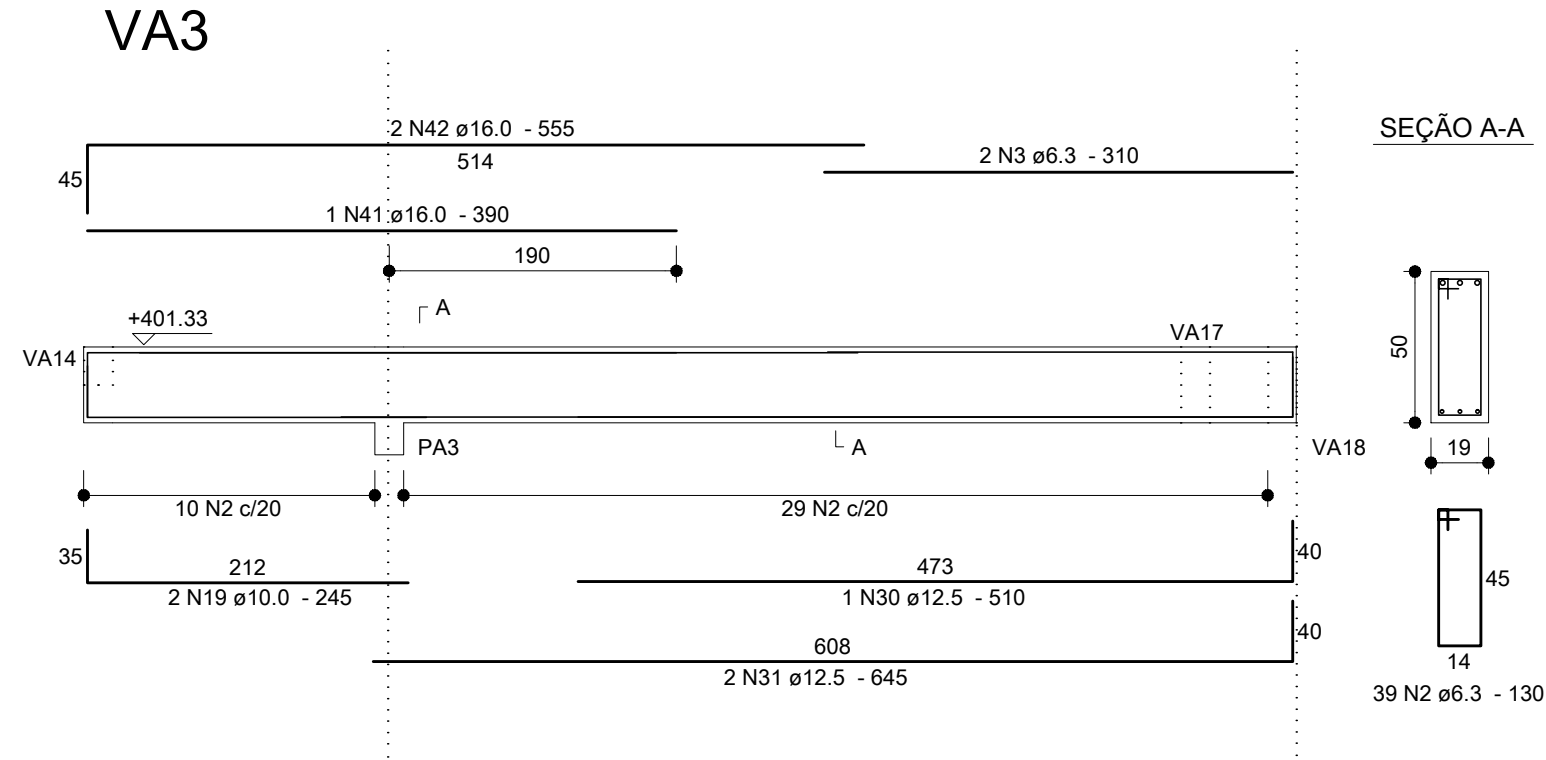
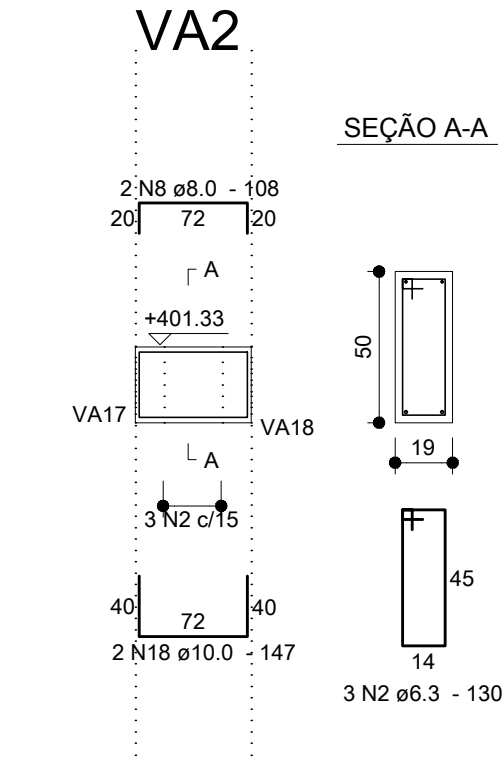
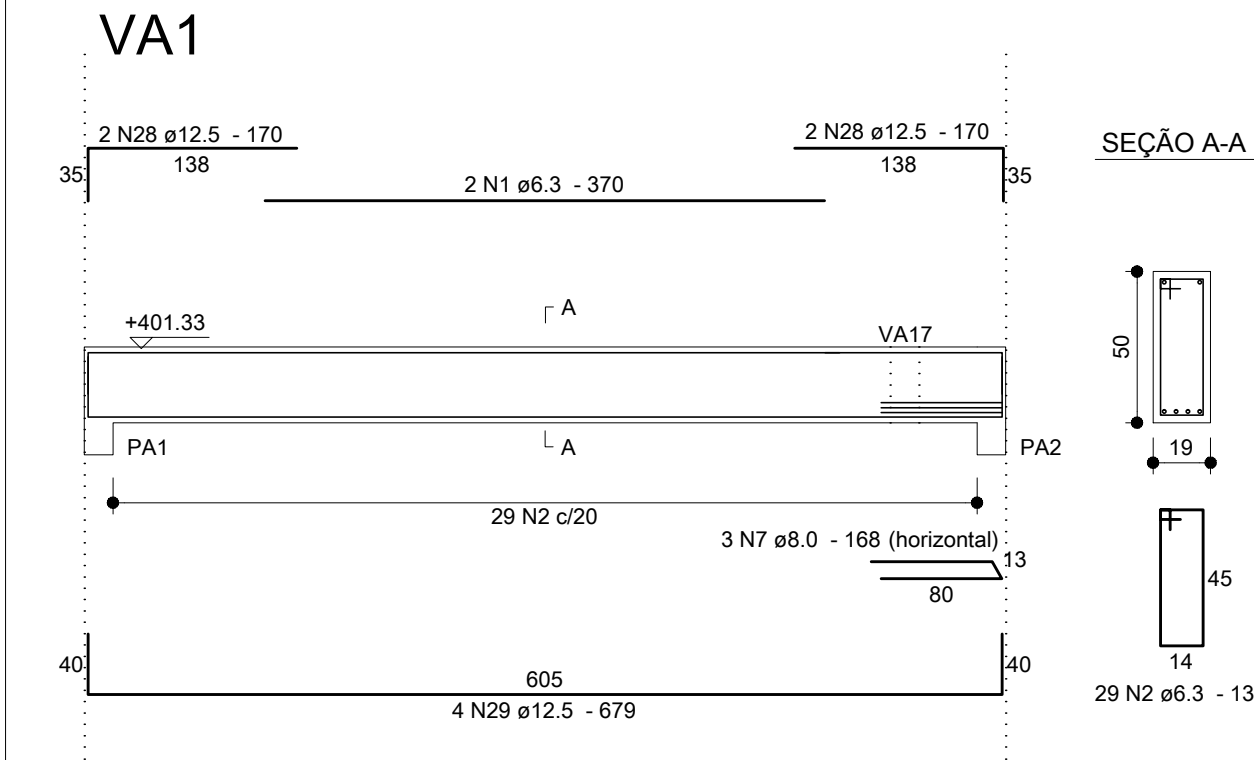
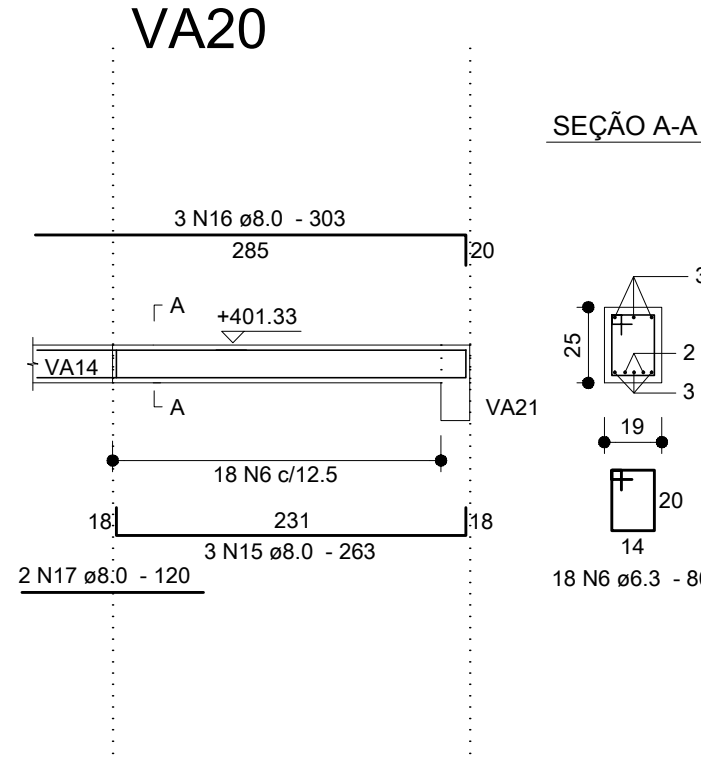
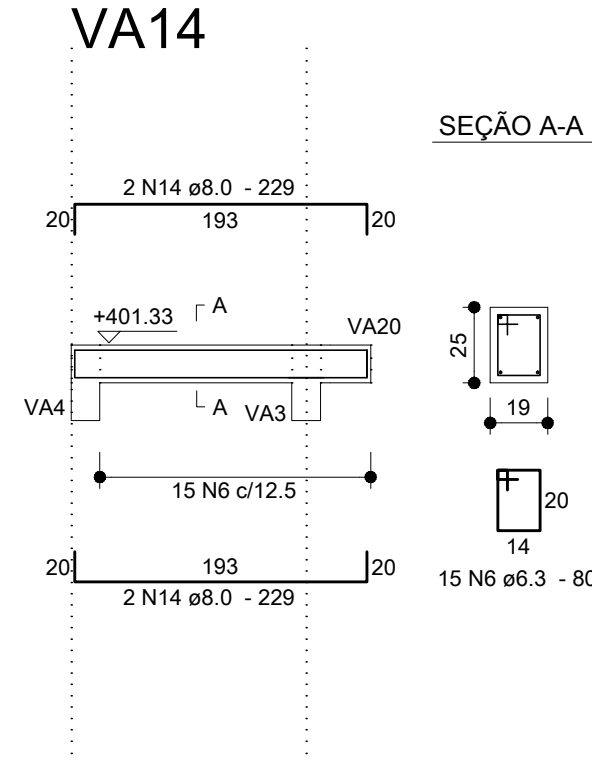
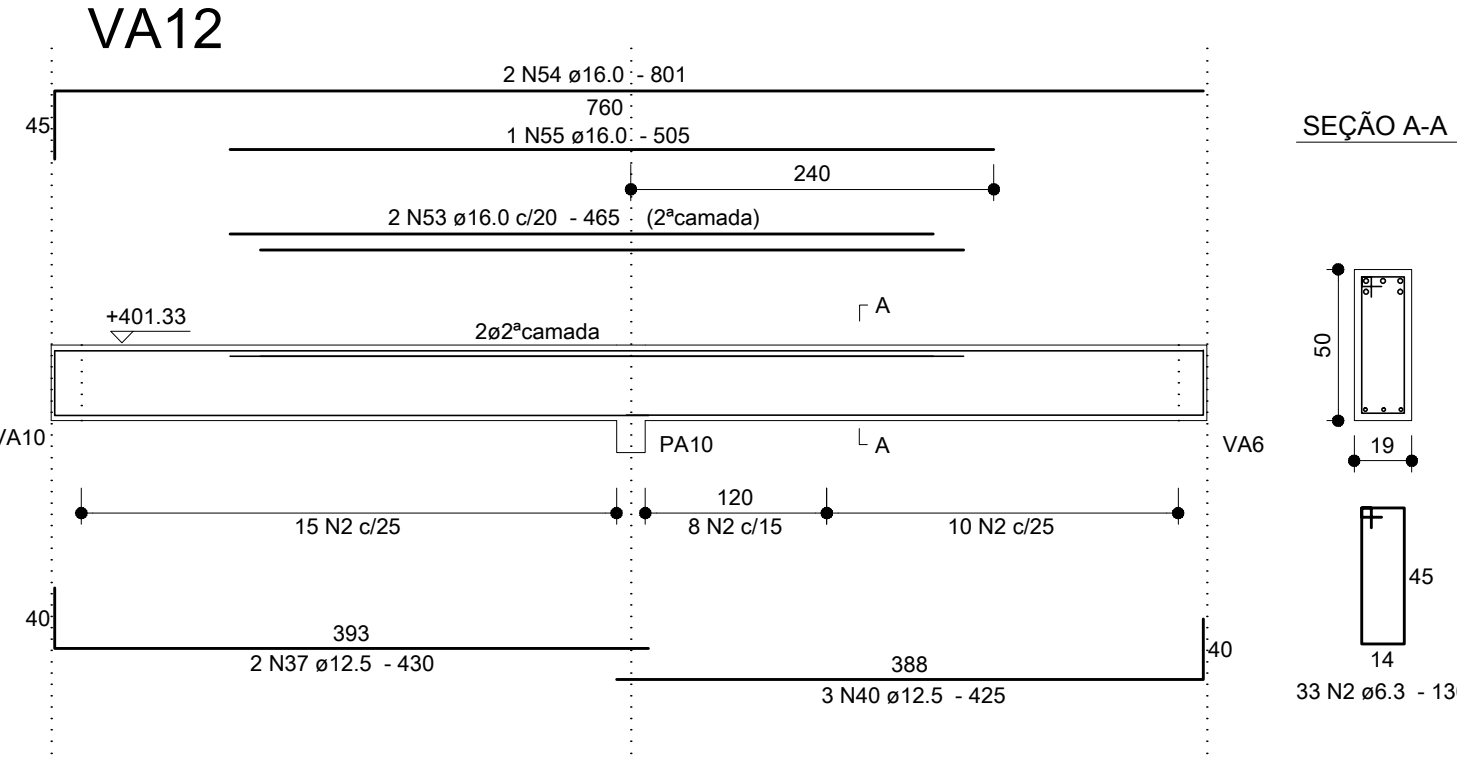
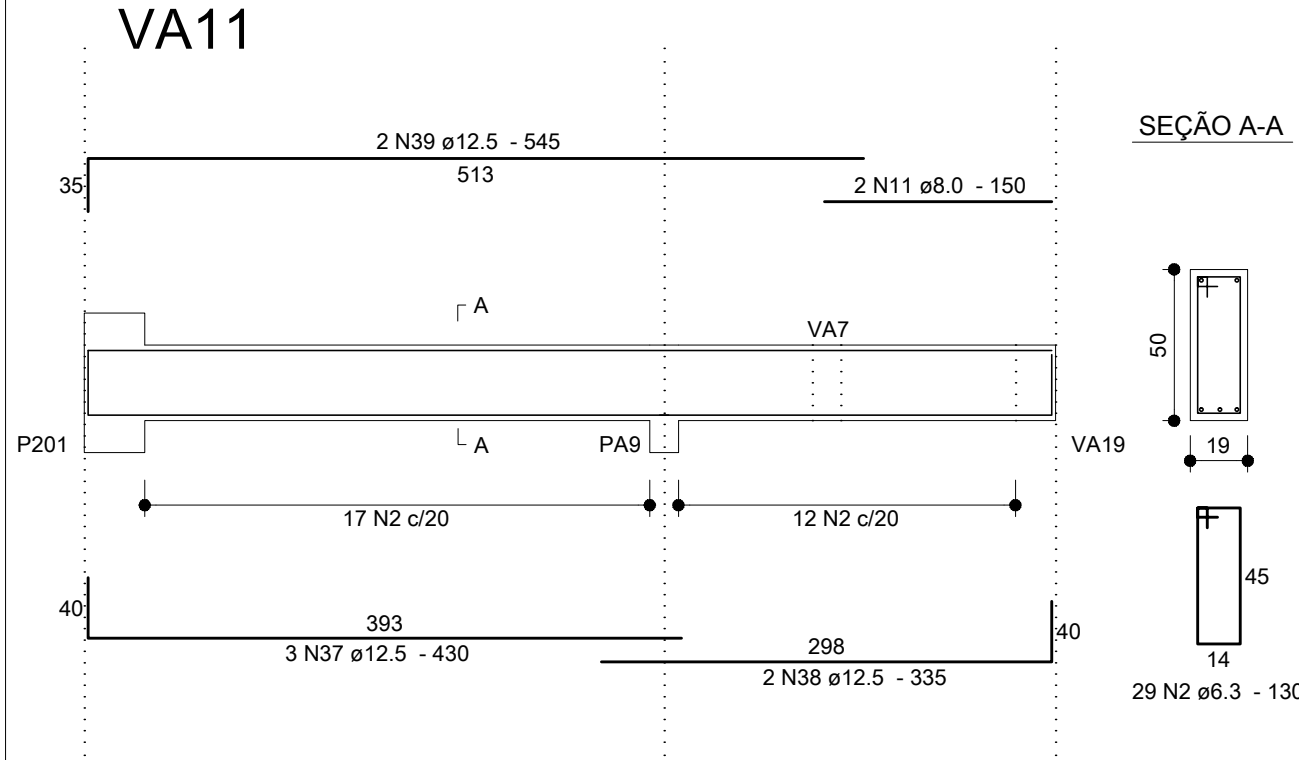
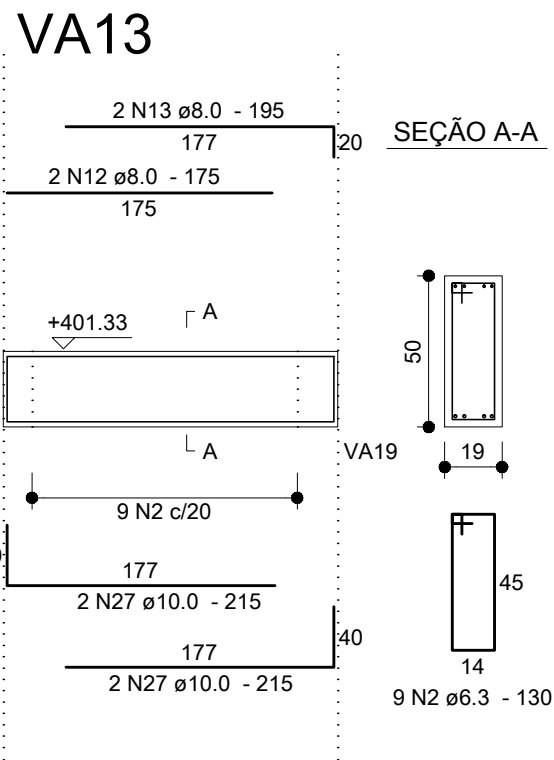
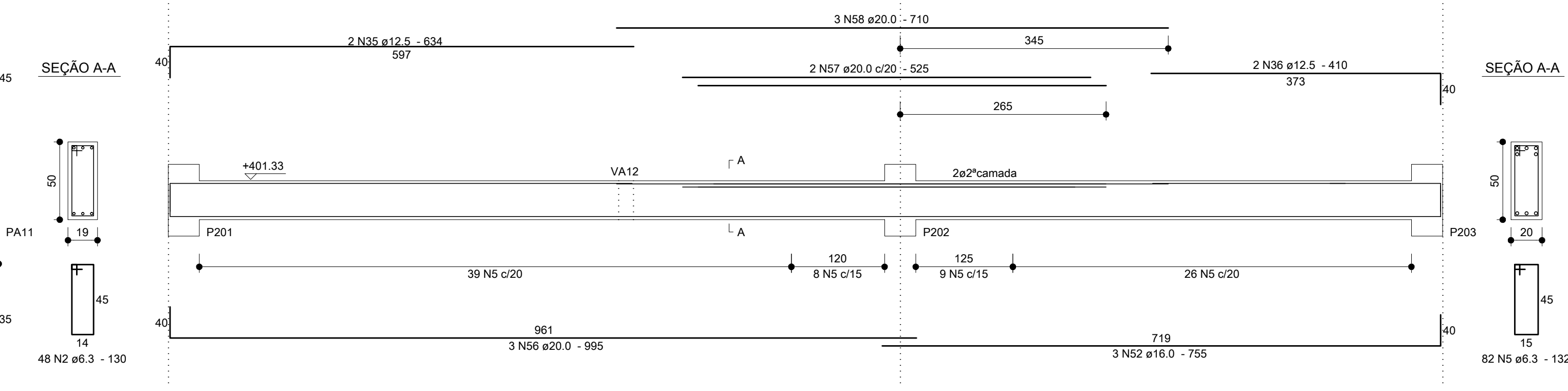
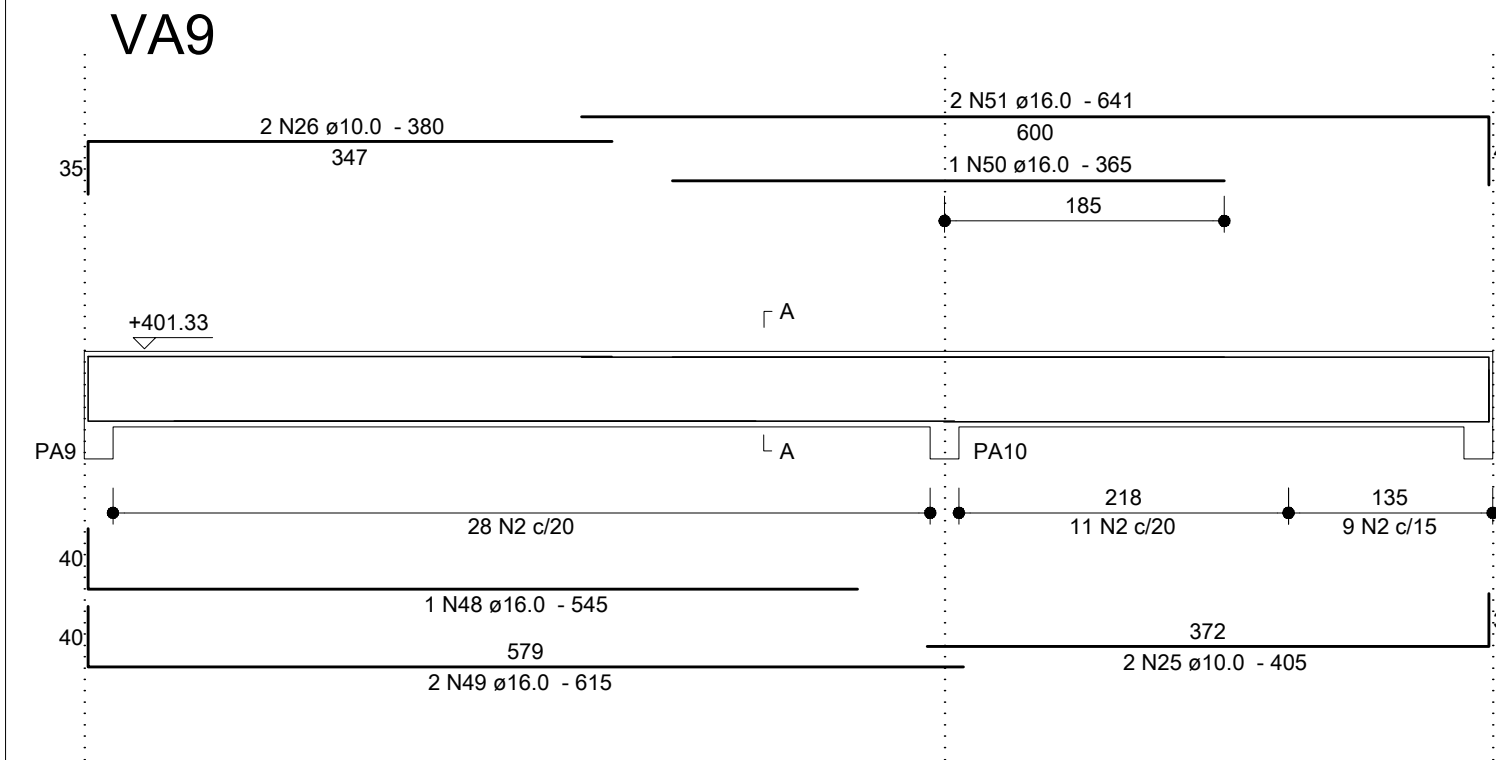
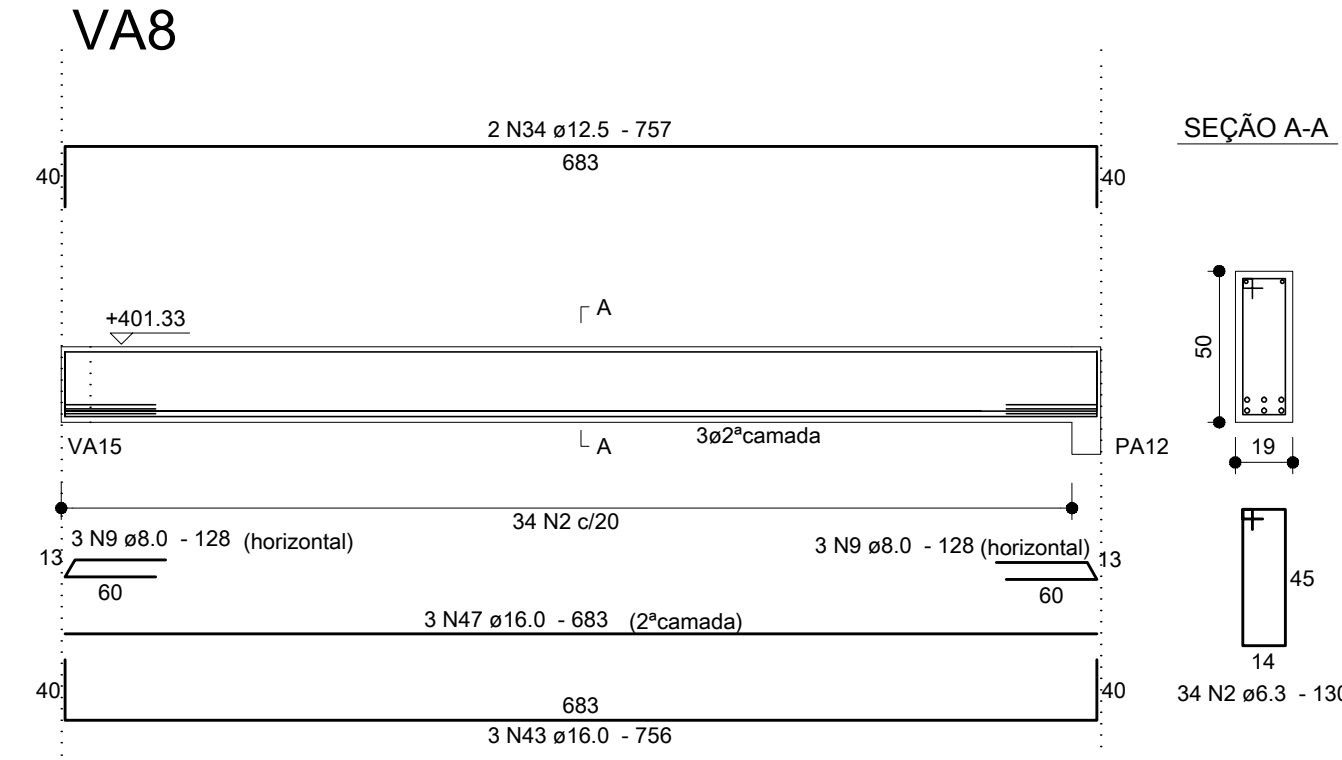
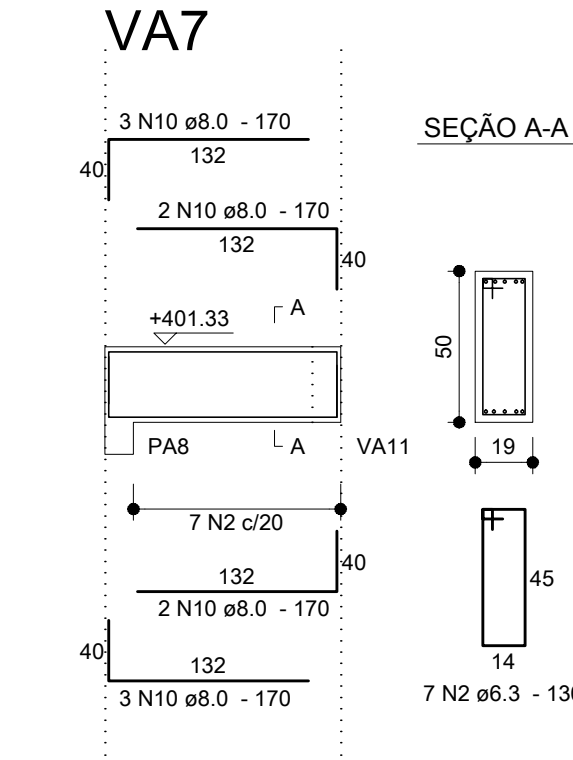
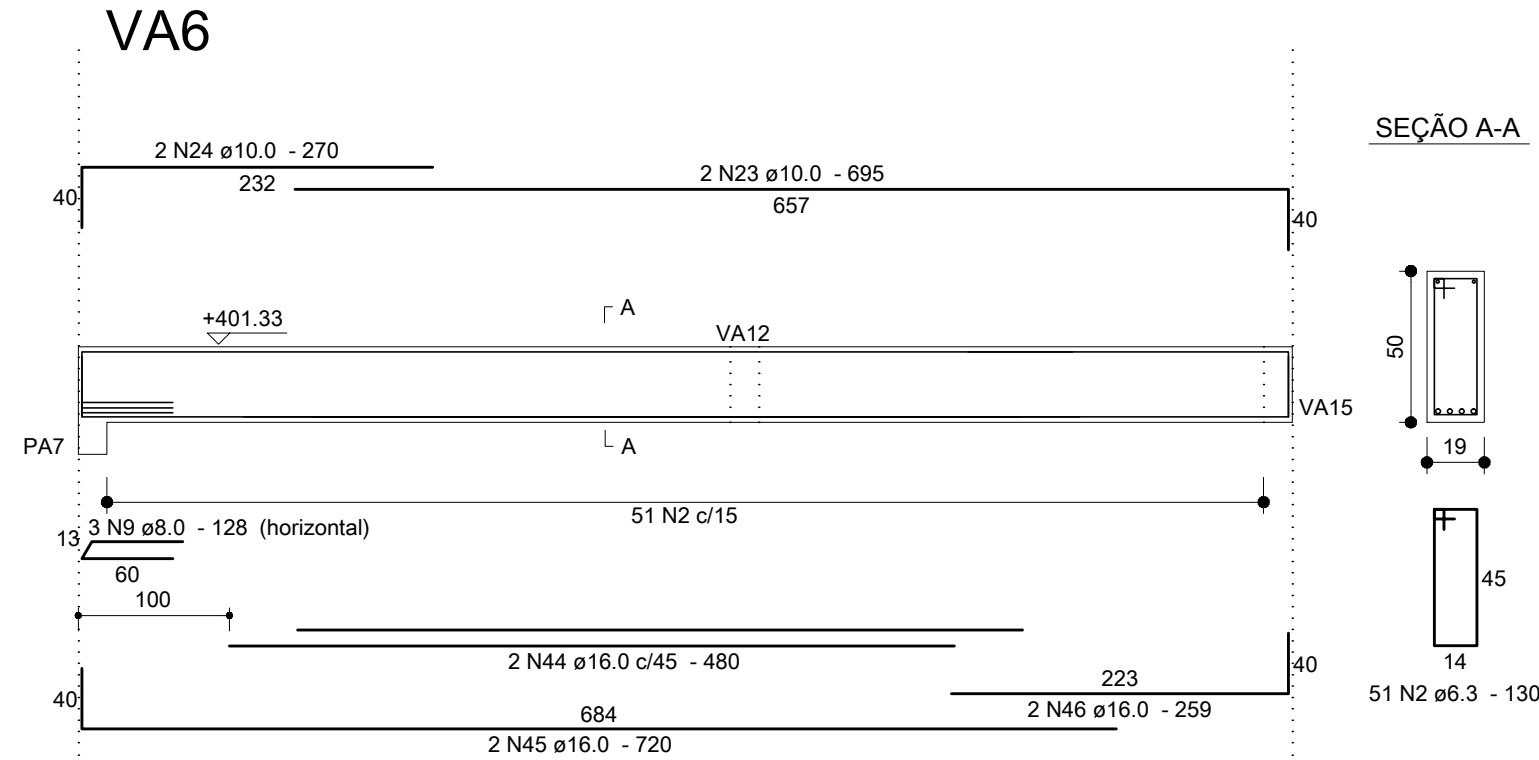
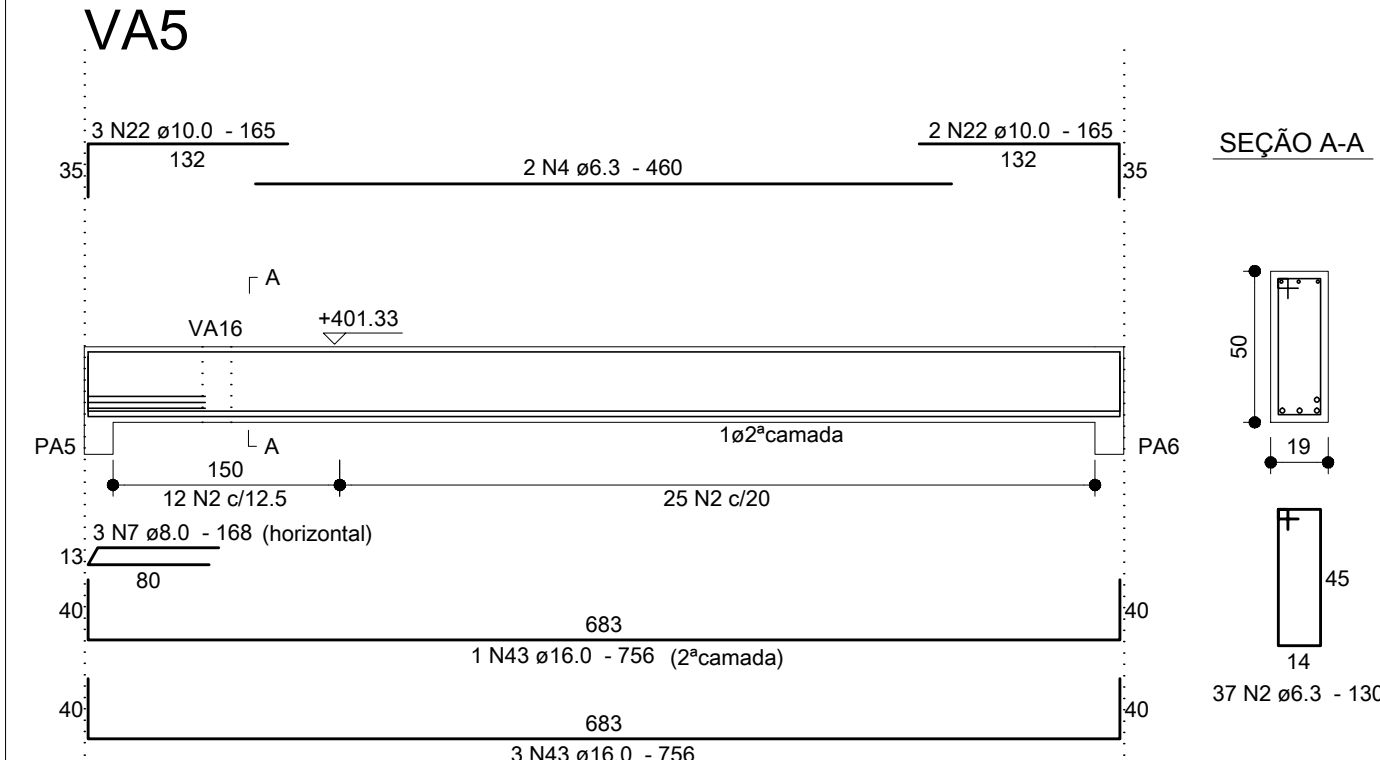
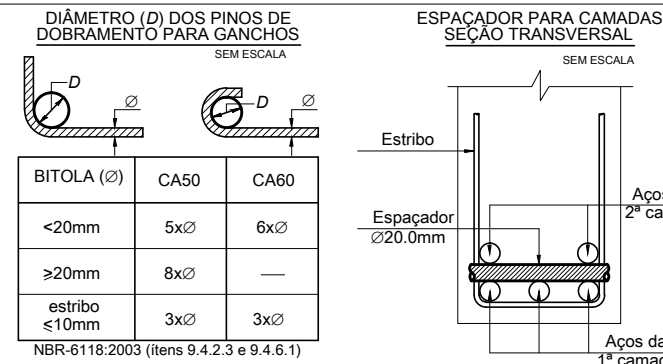




Relação do aço					
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA50	1	6.3	2	370	740
	2	6.3	352	130	45760
	3	6.3	2	310	620
	4	6.3	2	460	920
	5	6.3	82	132	10824
	6	6.3	33	80	2640
	7	8.0	6	168	1008
	8	8.0	2	108	216
	9	8.0	12	128	1536
	10	8.0	10	170	1700
	11	8.0	2	150	300
	12	8.0	2	175	350
	13	8.0	2	195	390
	14	8.0	4	229	916
	15	8.0	3	263	789
	16	8.0	3	303	909
	17	8.0	2	120	240
	18	10.0	2	147	294
	19	10.0	2	245	490
	20	10.0	2	525	1050
	21	10.0	3	250	750
	22	10.0	5	165	825
	23	10.0	2	695	1390
	24	10.0	2	270	540
	25	10.0	2	405	810
	26	10.0	2	380	760
	27	10.0	4	215	860
	28	12.5	4	170	680
	29	12.5	4	679	2716
	30	12.5	1	510	510
	31	12.5	2	645	1290
	32	12.5	3	525	1575
	33	12.5	3	275	825
	34	12.5	2	757	1514
	35	12.5	2	634	1268
	36	12.5	2	410	820
	37	12.5	5	430	2150
	38	12.5	2	335	670
	39	12.5	2	545	1090
	40	12.5	3	425	1275
	41	16.0	1	390	390
	42	16.0	2	555	1110
	43	16.0	7	756	5292
	44	16.0	2	490	980
	45	16.0	2	720	1440
	46	16.0	2	259	518
	47	16.0	3	683	2049
	48	16.0	1	545	545
	49	16.0	2	615	1230
	50	16.0	1	365	365
	51	16.0	2	641	1282
	52	16.0	3	755	2265
	53	16.0	2	465	930
	54	16.0	2	801	1602
	55	16.0	1	505	505
	56	20.0	3	995	2985
	57	20.0	2	525	1050
	58	20.0	3	710	2130



Anotações:



Notas:

01 NBR6118:2003 - Classe de Agressividade Ambiental = II (estrutura revestida).
02 NBR6118:2003 - Concreto com fck=25MPa - Aço CA-50.
03 NBR6118:2003 - Cobrimento para vigas: 2,5cm. Controle rigoroso das formas.
04 Unidades: diâmetro do aço em milímetro; espaçamento e comprimento em centímetro;

00	09/02/11	Emissão inicial.	Dionísio
REVISÃO	DATA	MODIFICAÇÕES	RESP.

Proger Engenharia Ltda

PROJETOS ESTRUTURAIS - CONSULTORIA - GERENCIAMENTO

DIONÍSIO AUGUSTO AMERICANO DE NEVES E SOUZA

Engenheiro Civil - CREA-RJ 52.791-D

IMB/FAU - Professor

Av. Pres. Vargas, 590 - grupo 1309 a 1311

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CLIENTE: JPI - HOLDING E PARTICIPAÇÕES LTDA

DESENHO: 381_orm06_02_r0.dwg

OBRA: SHOPPING PATIOMIX RESENDE

Av. Dorival Marcondes Godoy - Fazenda do Castelo

Resende - RJ

ESCALA: seqües: 1:25

vigas: 1:50

DATA - REVISÃO: 09/02/11 - R0

PROJETO: E381

PRÓJETO ESTRUTURAL

ÁREA ADMINISTRATIVA - MEZANINO - VIGAS (01/02)

ARMAÇÕES

ARM06-02