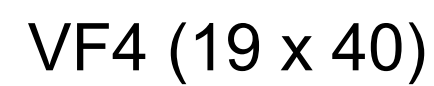
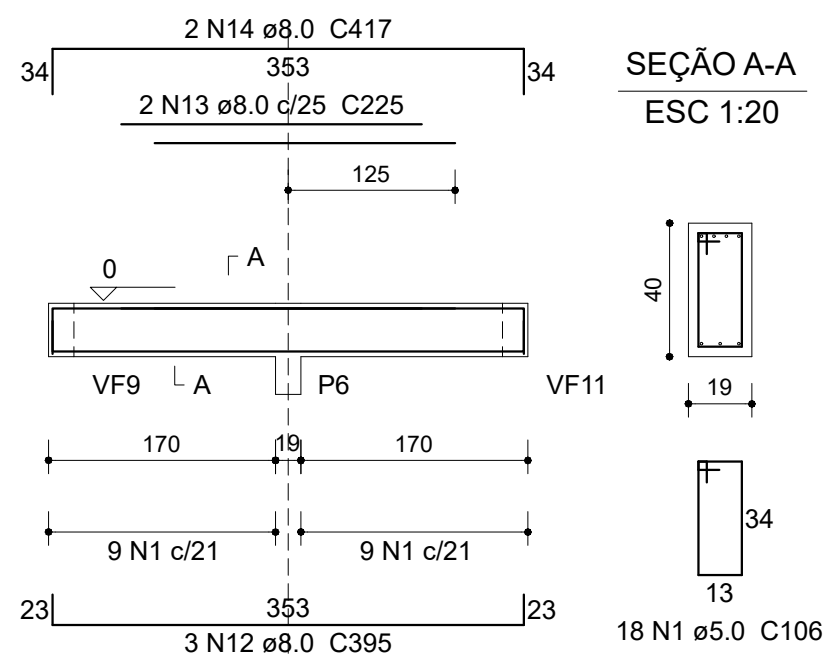
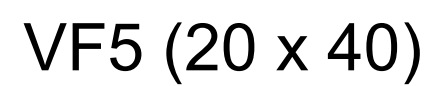
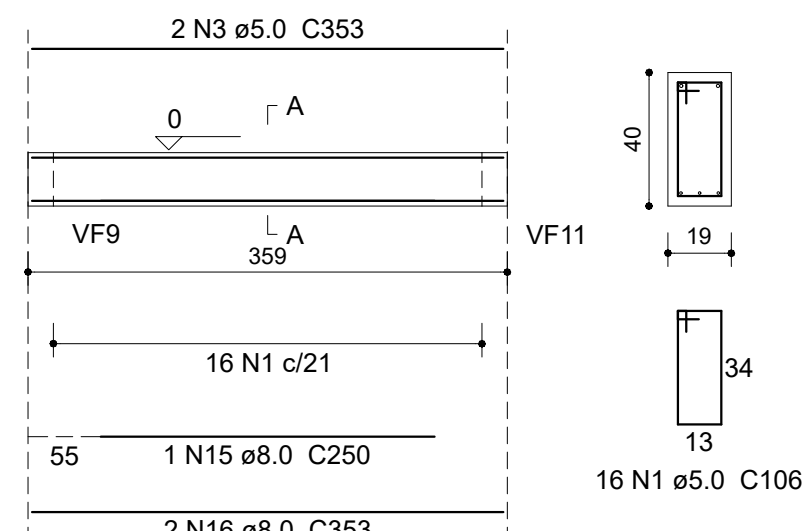


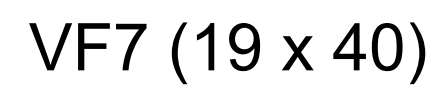
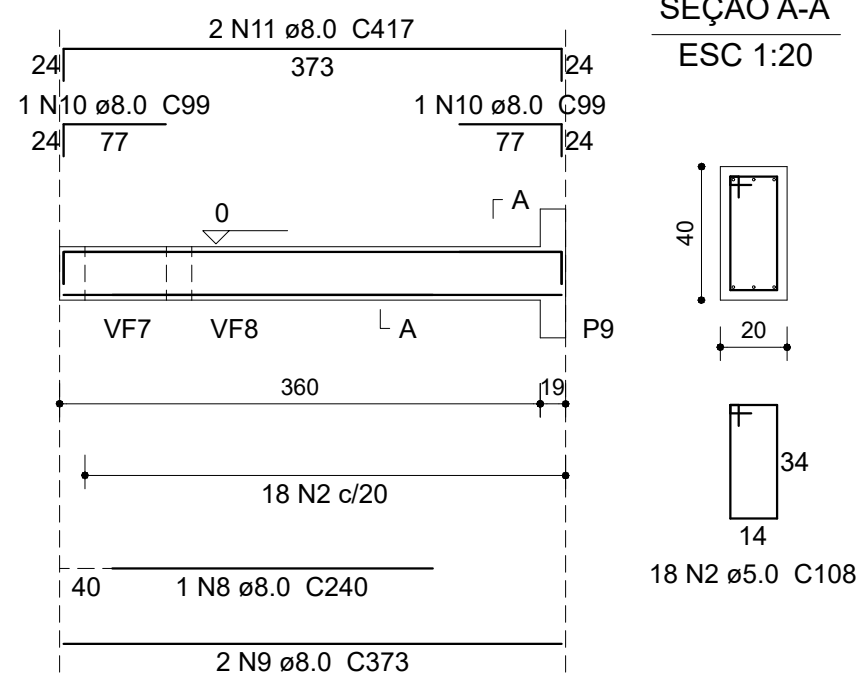
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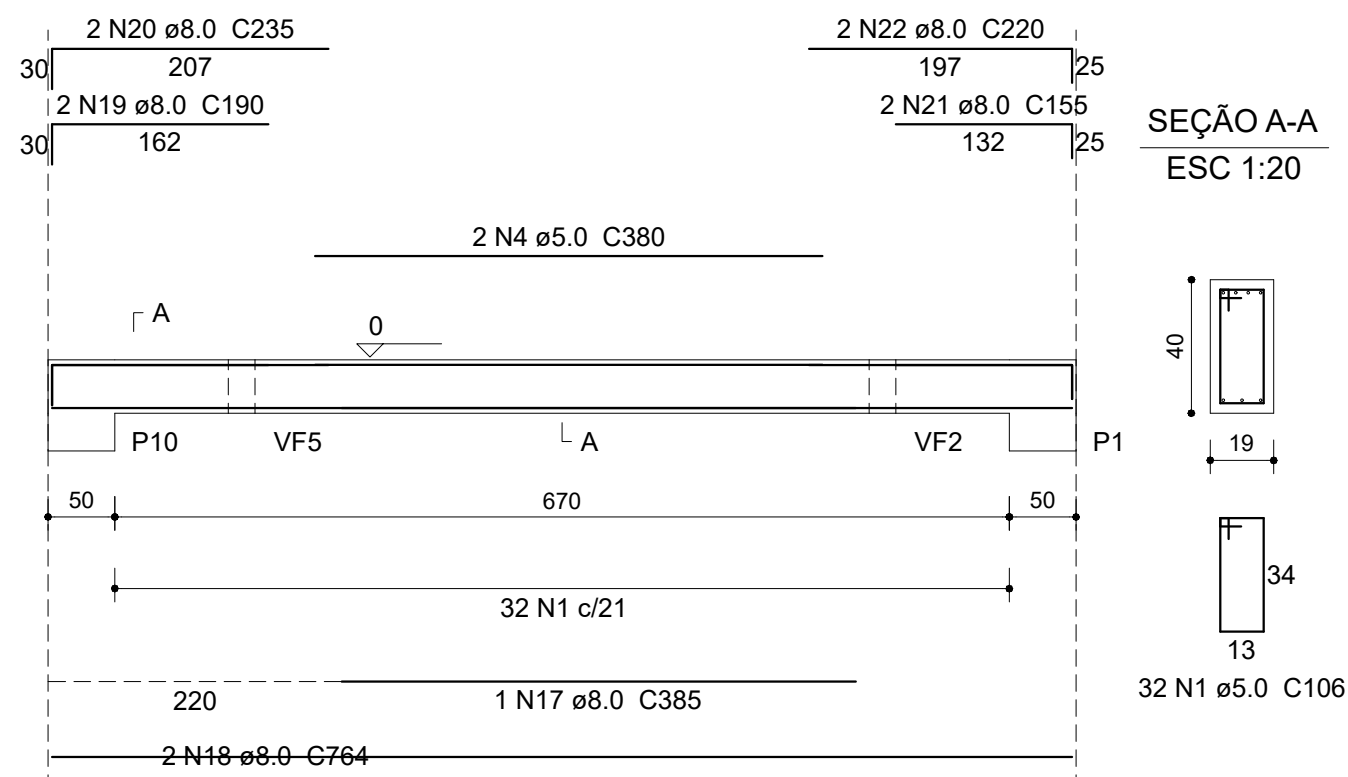
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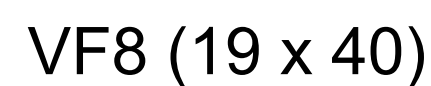
45	10.0	2	1045	2090
46	10.0	1	205	205
47	10.0	1	180	180
48	10.0	2	789	1578
49	12.5	1	200	200
50	12.5	1	226	226
51	12.5	2	1059	2118
52	12.5	1	285	285
53	12.5	2	795	1590

### Resumo do aço

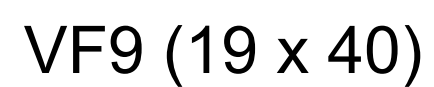
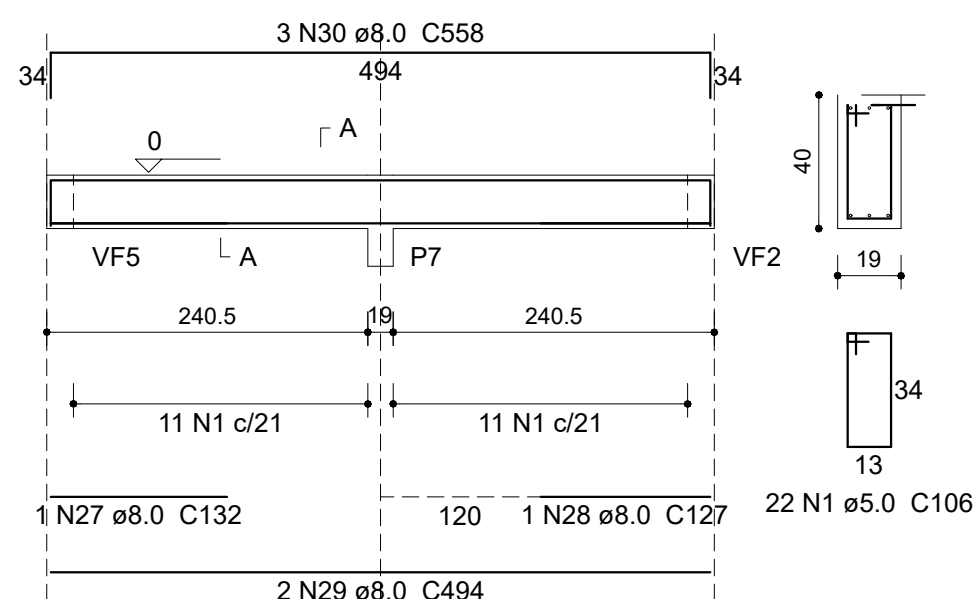
AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	265	115
	10.0	64.1	43.4
	12.5	44.2	46.8
CA60	5.0	369.1	62.6
PESO TOTAL			
CA50	205.2		
CA60	62.6		

Relação do aço

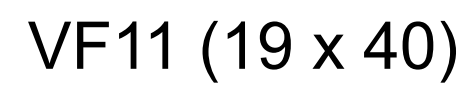
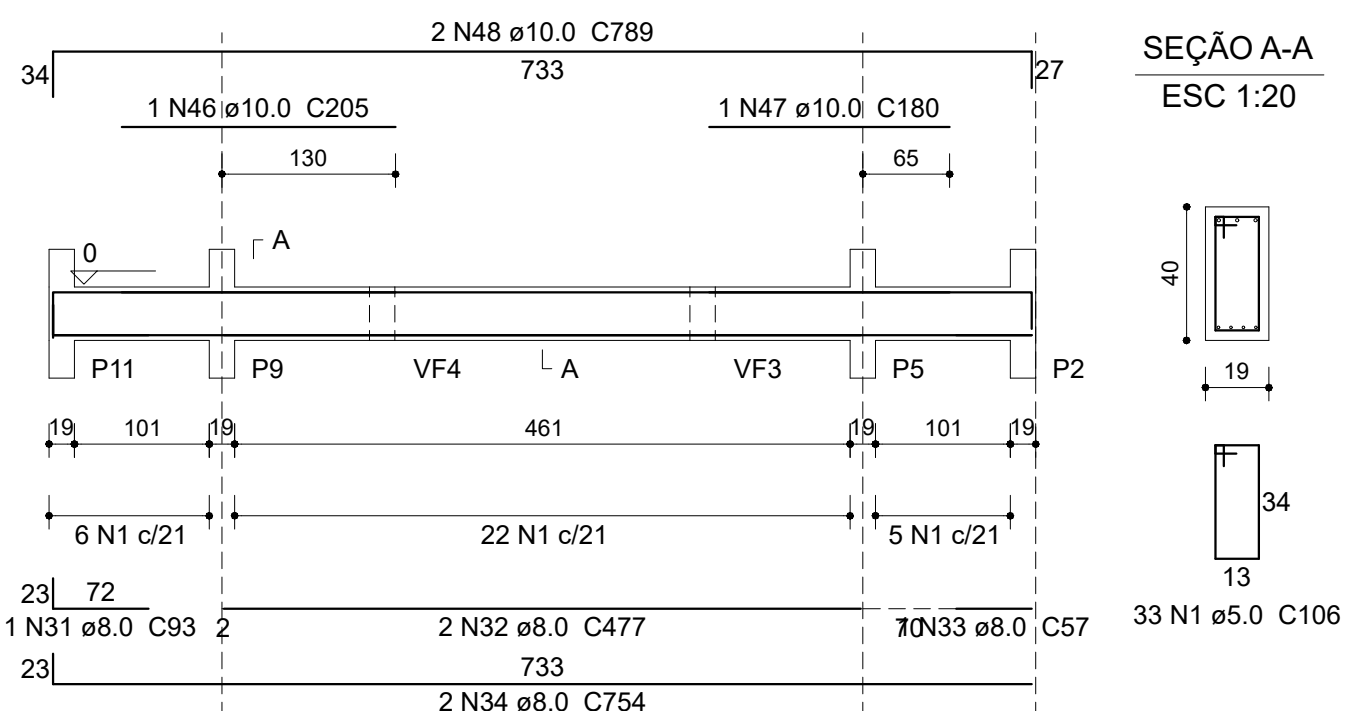
	VF1	VF2	VF3		
	VF4	VF5	VF6		
	VF7	VF8	VF9		
	VF10	VF11	VF12		
ACQO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	254	106	26924
	2	5.0	36	108	3888
	3	5.0	2	353	706
CA50	4	5.0	4	380	1520
	5	5.0	45	86	3870
	6	8.0	1	123	123
	7	8.0	2	402	804
	8	8.0	2	240	480
	9	8.0	4	373	1492
	10	8.0	4	99	396
	11	8.0	4	417	1668
	12	8.0	3	395	1185
	13	8.0	2	225	450
	14	8.0	2	417	834
	15	8.0	1	250	250
	16	8.0	2	353	706
	17	8.0	1	385	385
	18	8.0	4	764	3056
	19	8.0	2	190	380
	20	8.0	2	235	470
	21	8.0	2	155	310
22	8.0	2	220	440	
23	8.0	1	133	133	
24	8.0	1	265	265	
25	8.0	1	601	601	
26	8.0	2	1005	2010	
27	8.0	1	132	132	
28	8.0	1	127	127	
29	8.0	2	494	988	
30	8.0	3	558	1674	
31	8.0	1	93	93	
32	8.0	2	477	954	
33	8.0	1	57	57	
34	8.0	2	754	1508	
35	8.0	1	160	160	
36	8.0	2	253	506	
37	8.0	3	306	918	
38	8.0	1	365	365	
39	8.0	1	201	201	
40	8.0	2	733	1466	
41	8.0	4	226	904	
42	10.0	3	603	1809	
43	10.0	1	185	185	
44	10.0	2	177	354	



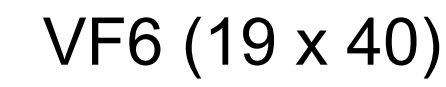
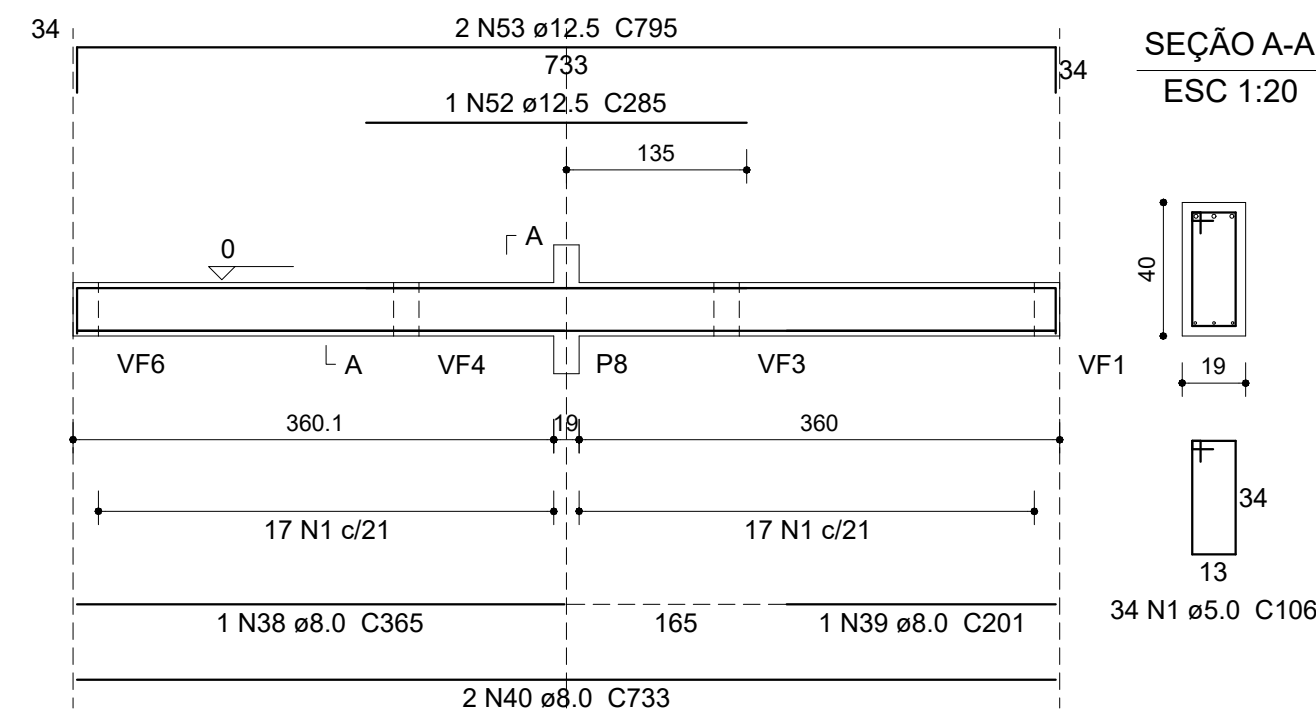
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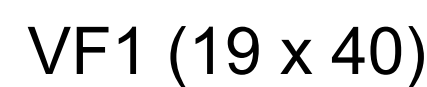
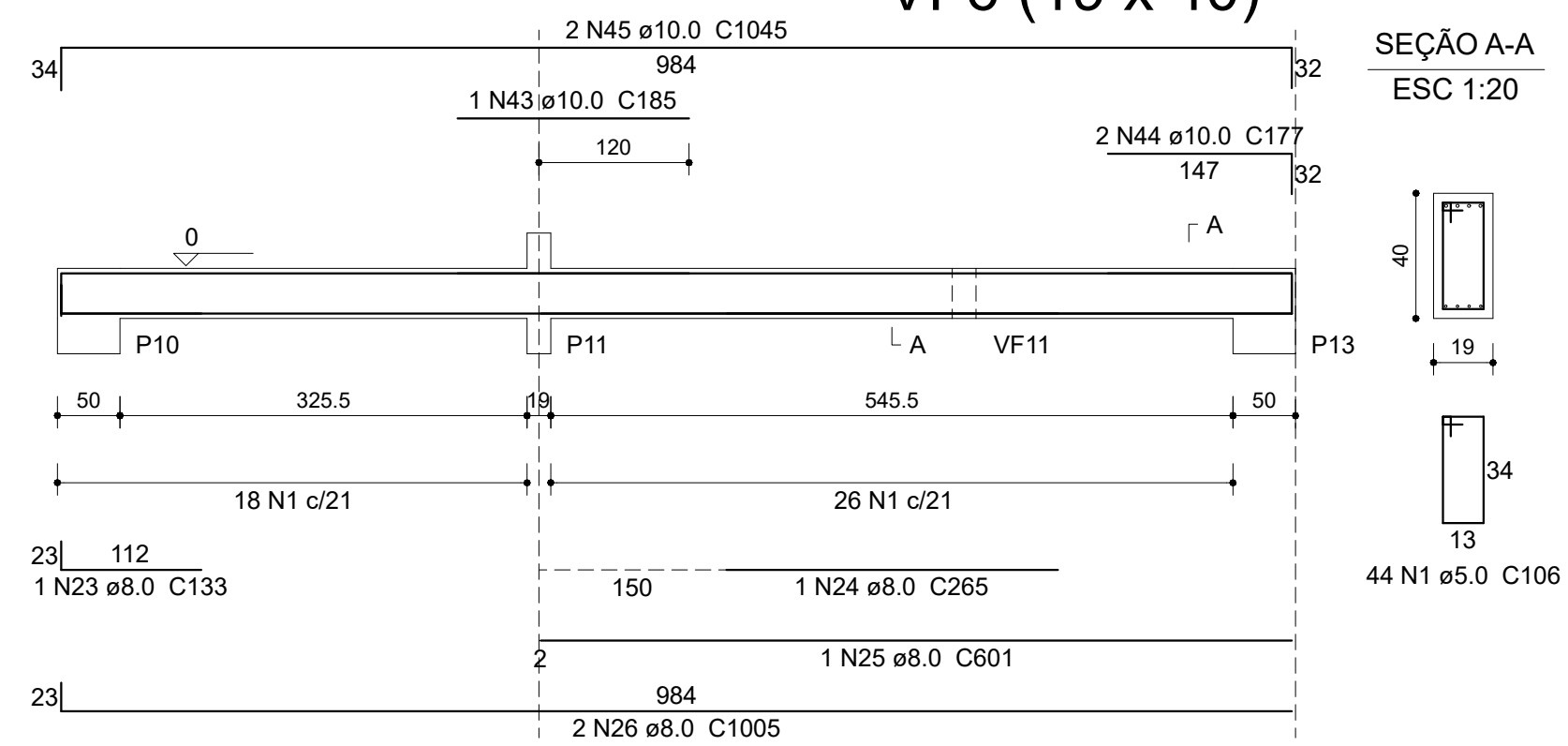
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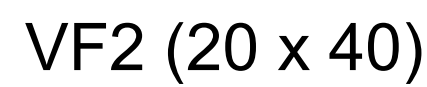
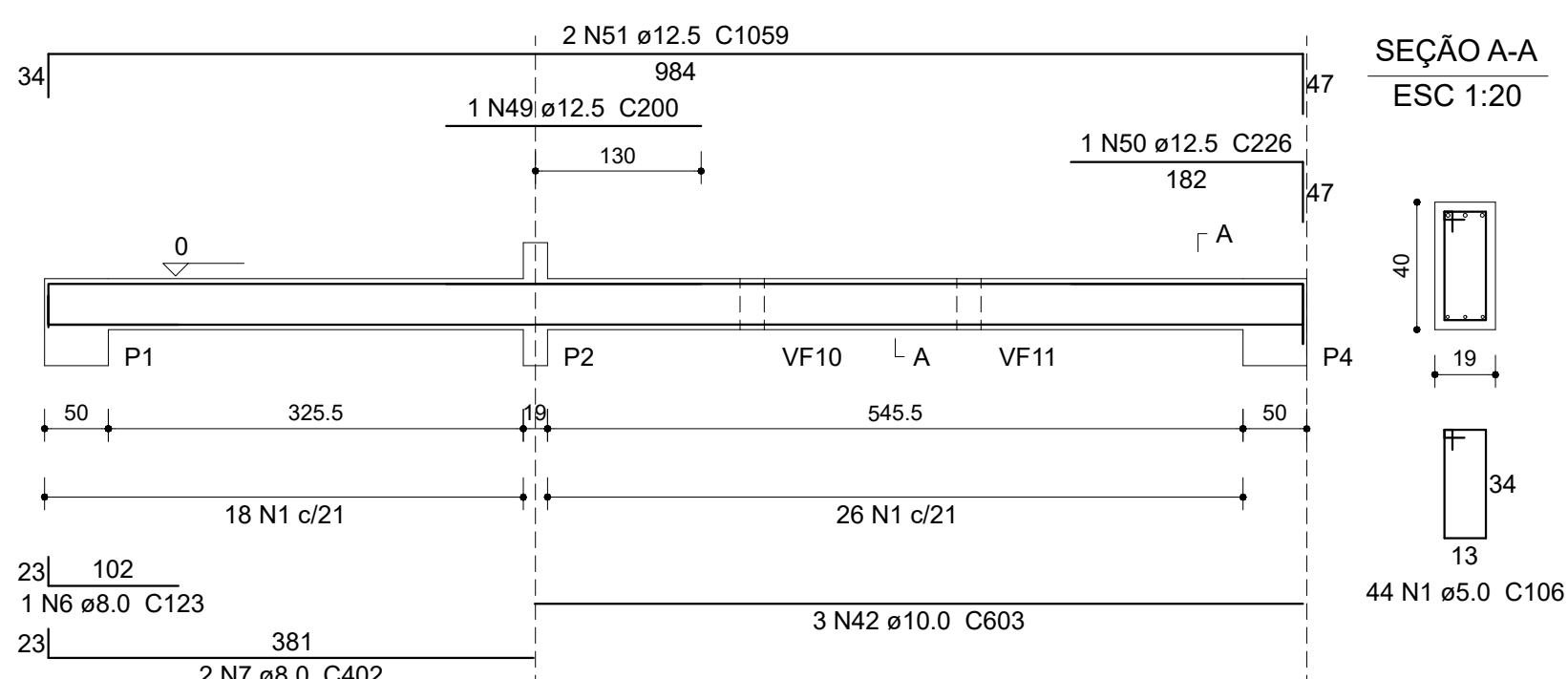
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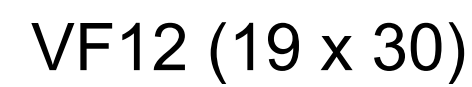
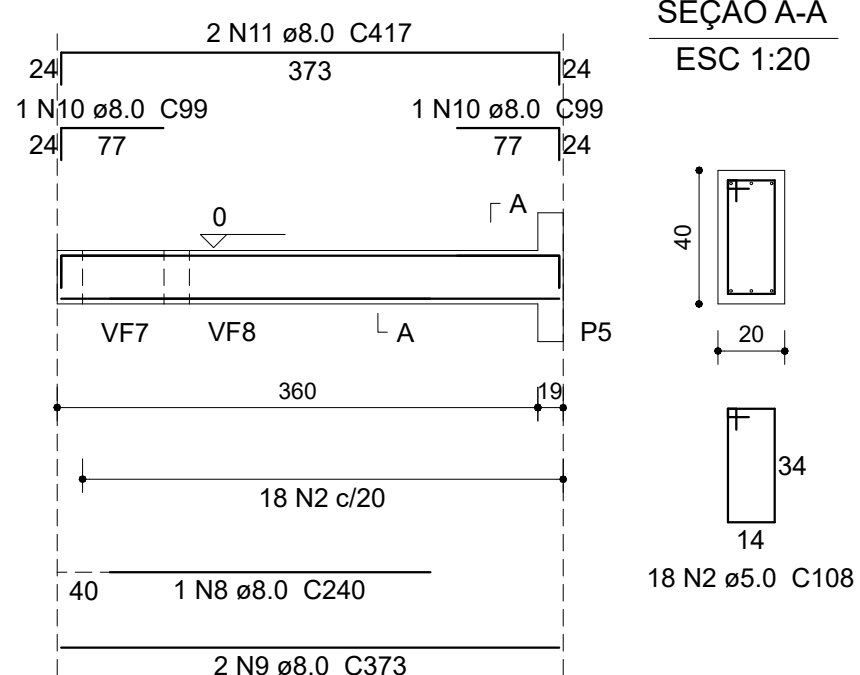
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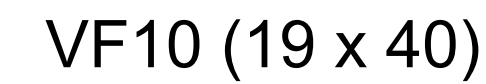
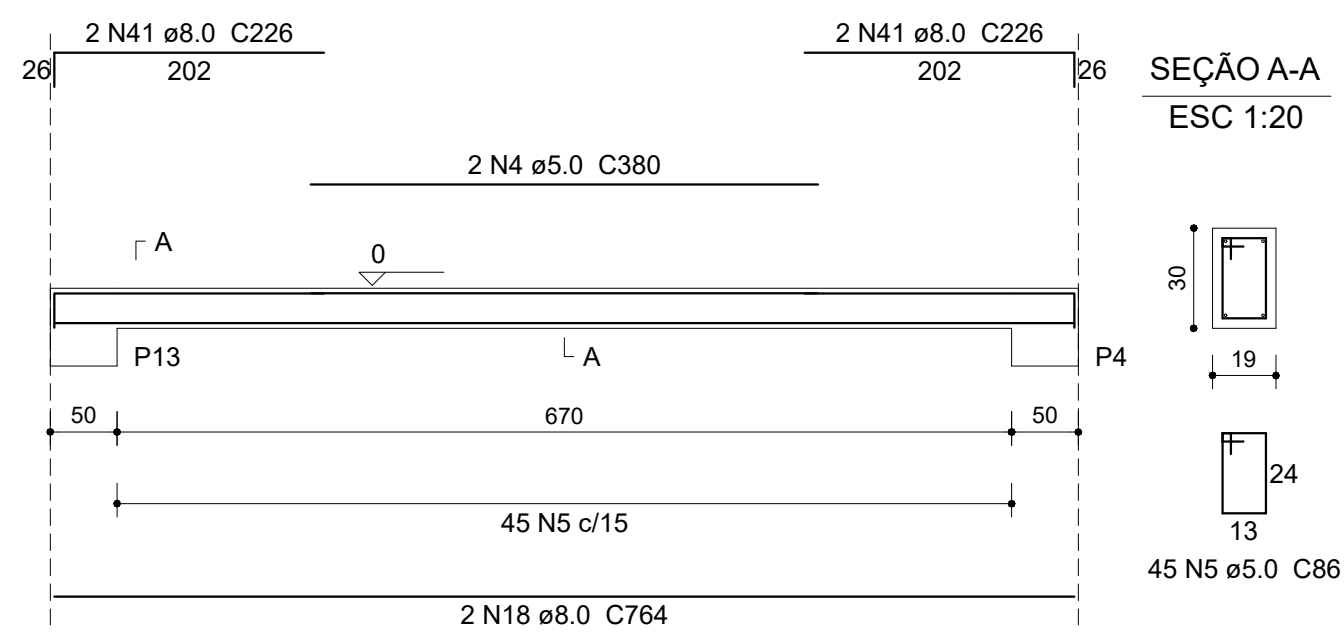
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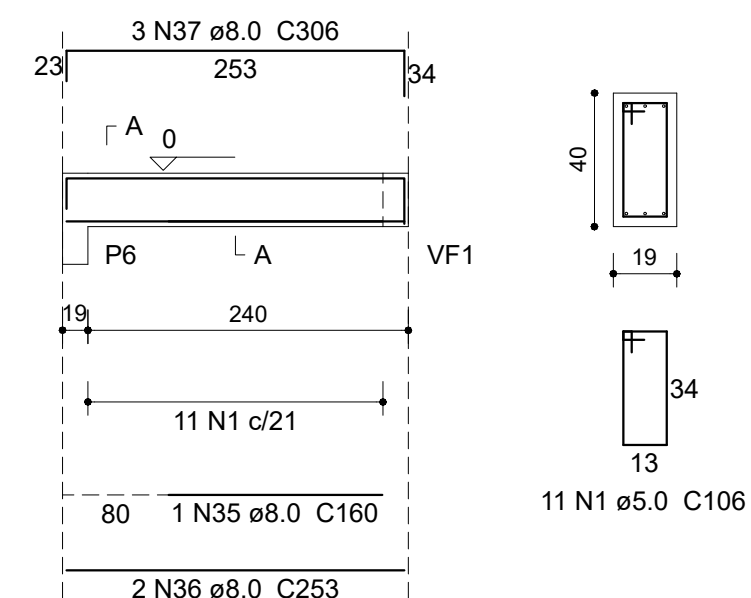
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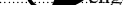


1:50



DATA	DESCRIÇÃO DA REVISÃO

<p><b>ATENÇÃO</b> - Este é o formulário de registro de atendimento ao usuário. Não deve ser utilizado para fins de análise e gerenciamento.</p>	<p><b>NÚCLEO DE GERENCIAMENTO DE PROJETOS DE OBRAS</b></p> <p>Pró-reitoria de Desenvolvimento Universitário</p> <p>UNIVERSIDADE ESTADUAL DE CAMPINAS</p>		
	<p>OBRA: PORTARIA DE VEÍCULOS</p> <p>LOCAL: CAMPUS LIMEIRA</p>	<p>CÓDIGO DA OBRA</p> <p>Port/Veículos</p>	


**CBR**  
 engenharia

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 CEP 90150-050 - Tel/Fax (51)3233-3168

Autor(es) do Projeto	CREA	DATA	VISTO
Eng. Paulo Loeck	35 534- D		

REFERÊNCIA PROJETO EXECUTIVO  
ARMADURA VIGAS TERREO

DATA	DESENHO	ARQUIVO	ESCALA
31/05/2010		PortVeiculos_EST AP F08armvires R00.DWG	INDICADA