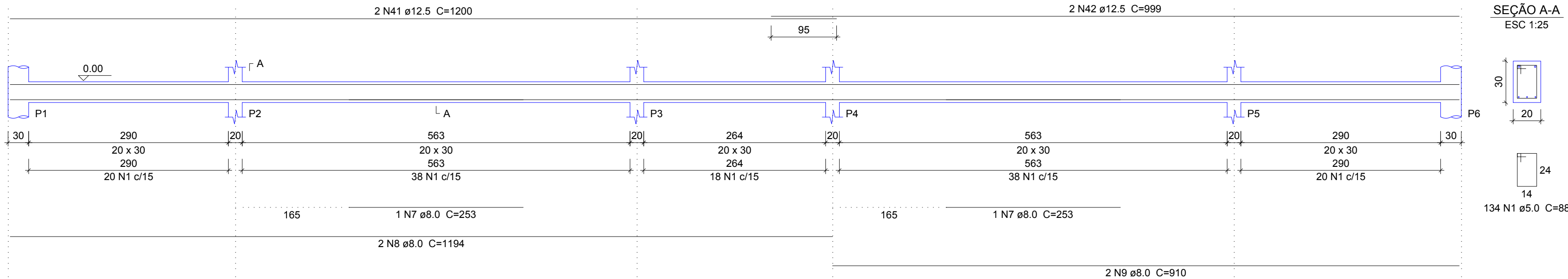
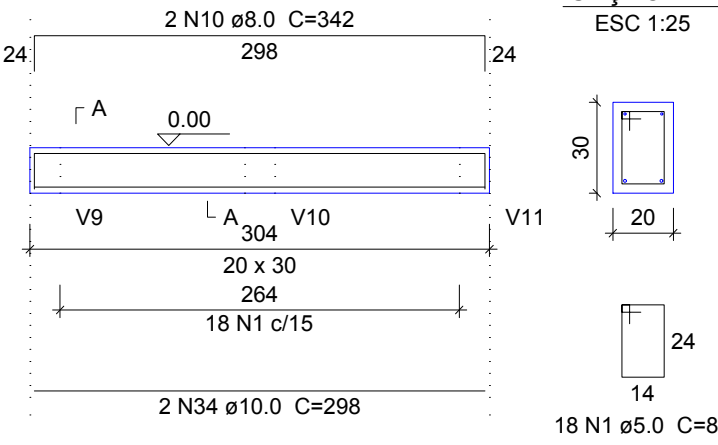


V1
ESC 1:50



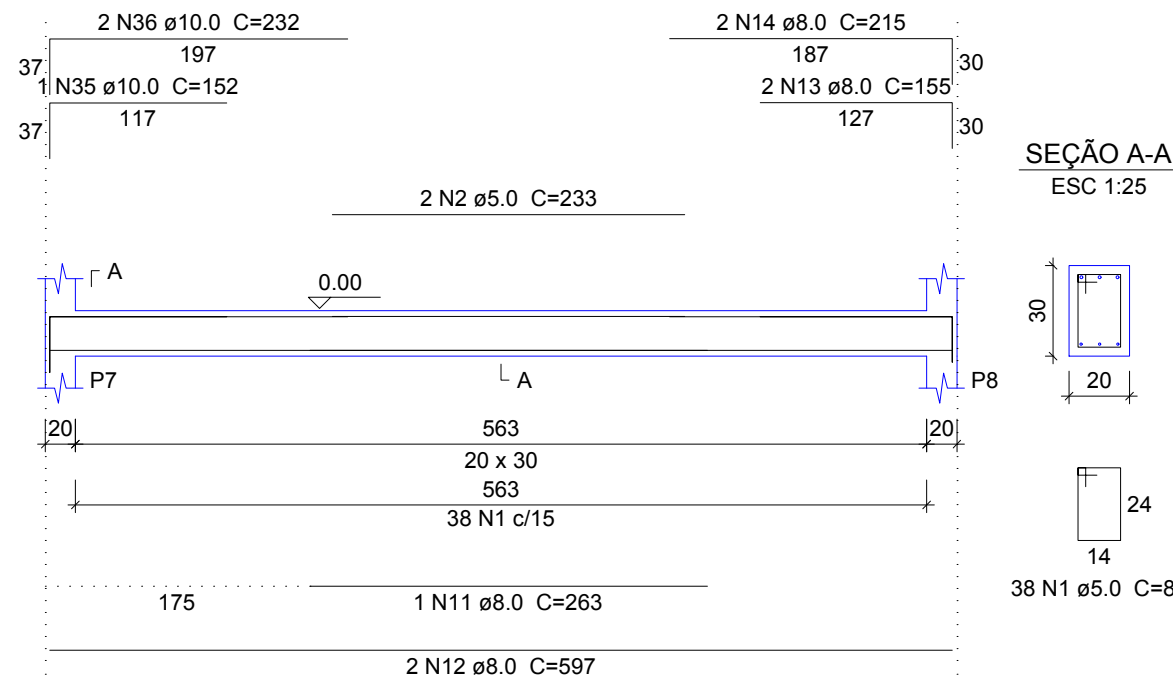
V2
ESC 1:50



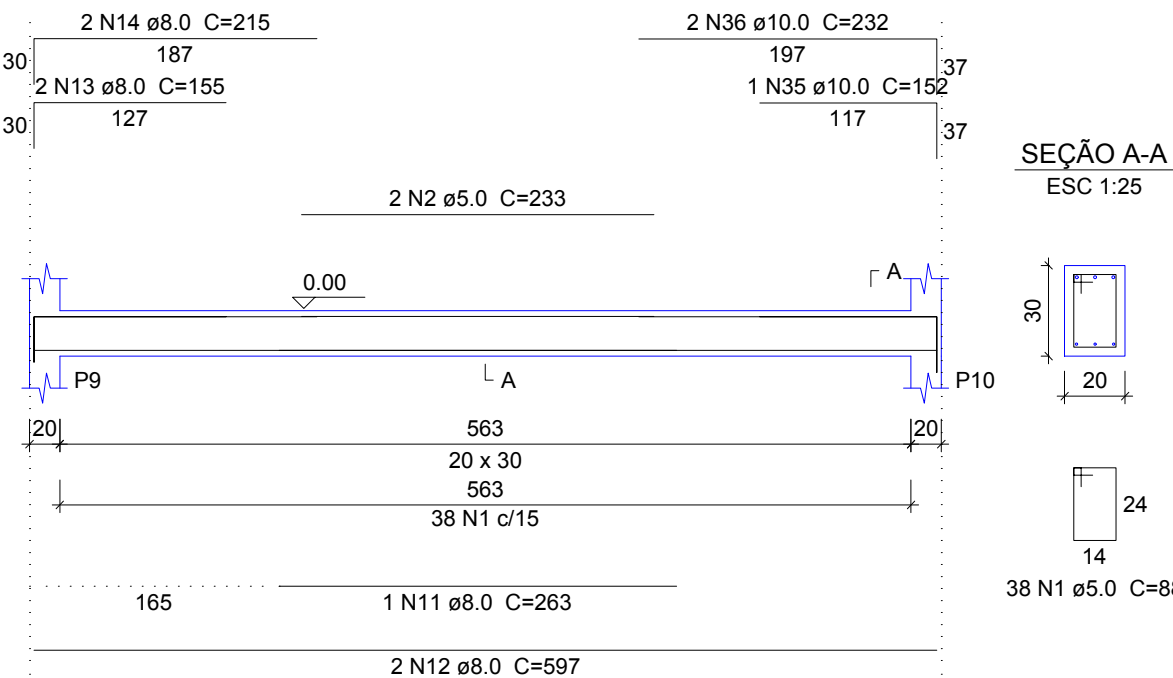
Relação do aço

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	559	88	49192
	2	5.0	4	233	932
	3	5.0	2	356	712
	4	5.0	6	245	1470
	5	5.0	4	222	888
	6	5.0	54	106	5832
	7	8.0	2	253	506
	8	8.0	2	1194	2388
	9	8.0	2	910	1820
	10	8.0	2	342	684
	11	8.0	2	263	526
	12	8.0	4	597	2388
	13	8.0	4	155	620
	14	8.0	4	215	860
	15	8.0	2	1038	2076
	16	8.0	2	522	1044
	17	8.0	4	157	628
	18	8.0	4	290	1160
	19	8.0	8	587	4696
	20	8.0	8	294	2352
	21	8.0	4	344	1376
	22	8.0	2	106	212
	23	8.0	2	186	372
	24	8.0	4	343	1372
	25	8.0	2	299	598
	26	8.0	2	343	686
	27	8.0	2	232	464
	28	8.0	4	581	2324
	29	8.0	2	102	204
	30	8.0	4	212	848
	31	8.0	2	132	264
	32	8.0	6	192	1152
	33	8.0	8	401	3208
	34	10.0	2	298	596
	35	10.0	2	152	304
	36	10.0	4	232	928
	37	10.0	1	172	172
	38	10.0	1	242	242
	39	10.0	1	302	302
	40	10.0	2	356	712
	41	12.5	2	1200	2400
	42	12.5	2	899	1998

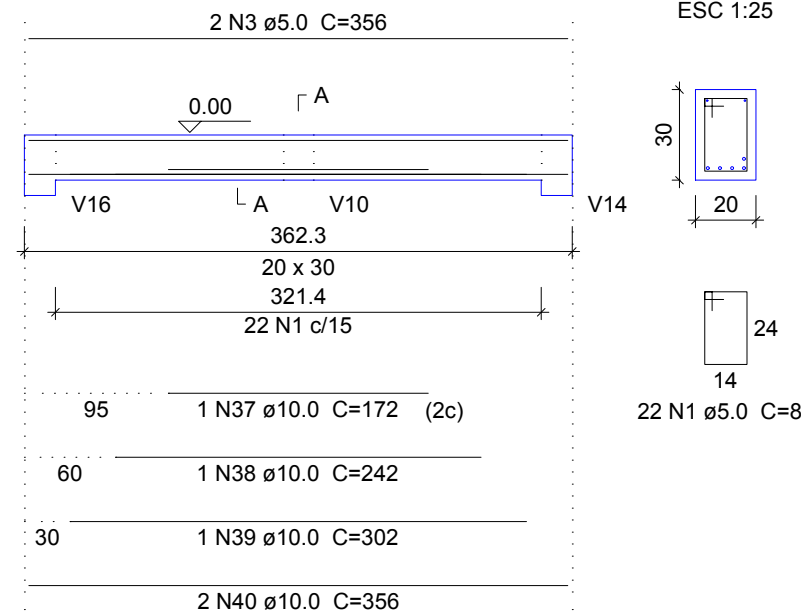
V3
ESC 1:50



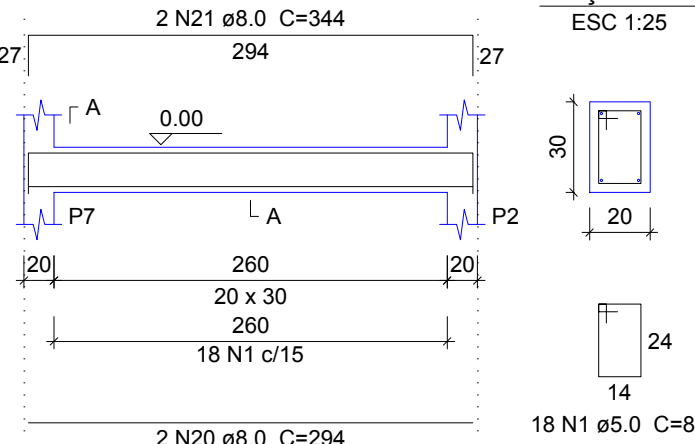
V4
ESC 1:50



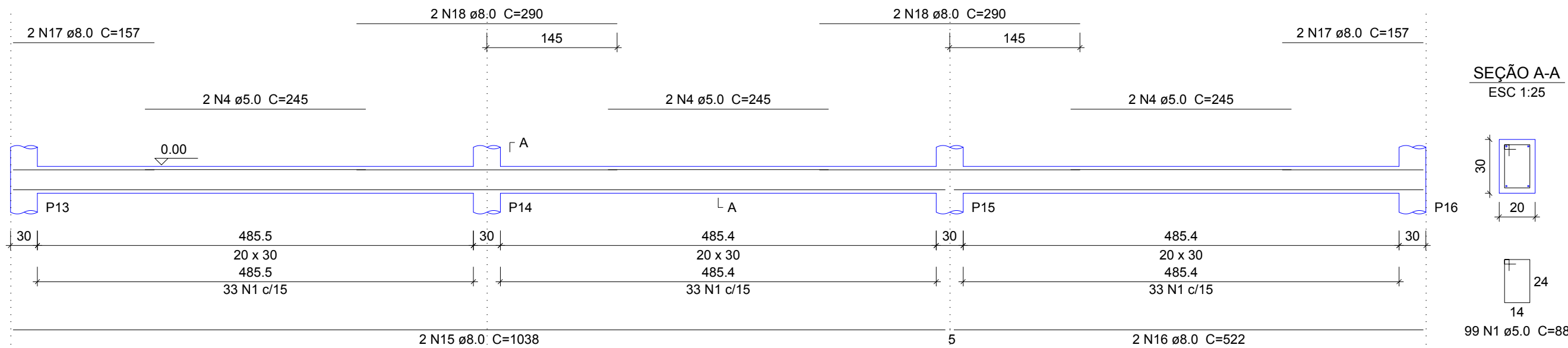
V5
ESC 1:50



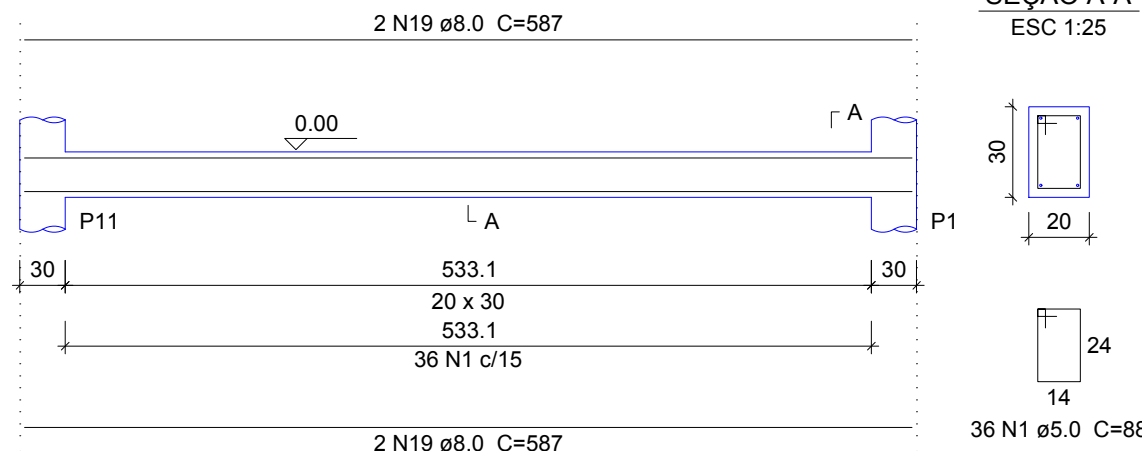
V8
ESC 1:50



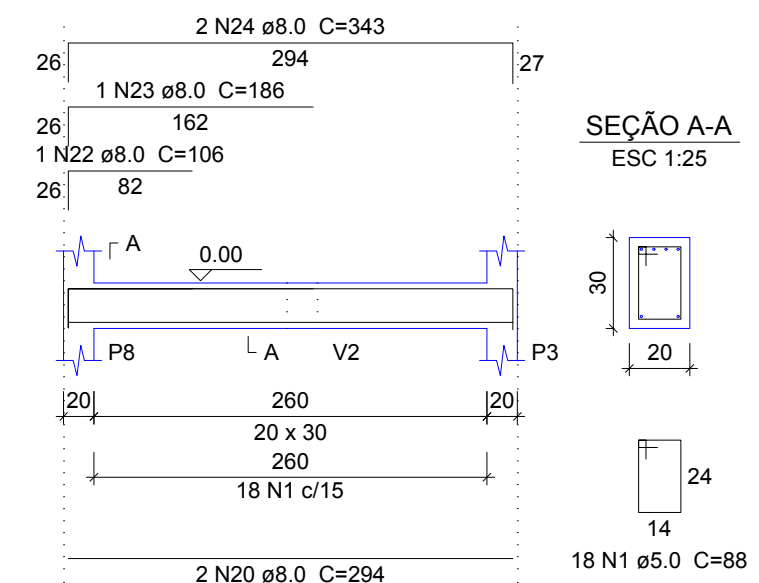
V6
ESC 1:50



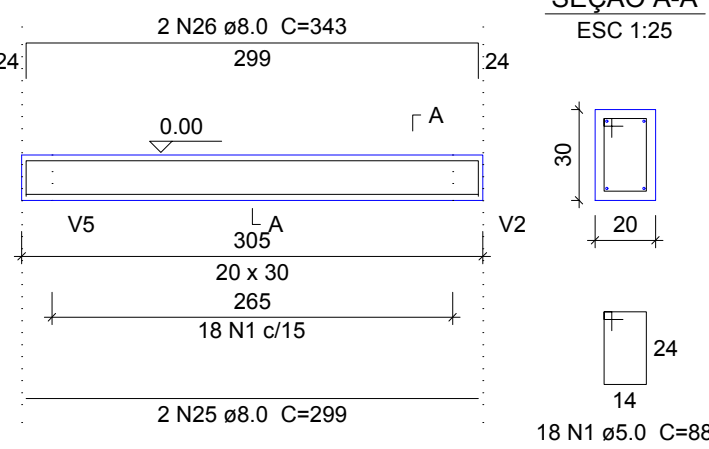
V7
ESC 1:50



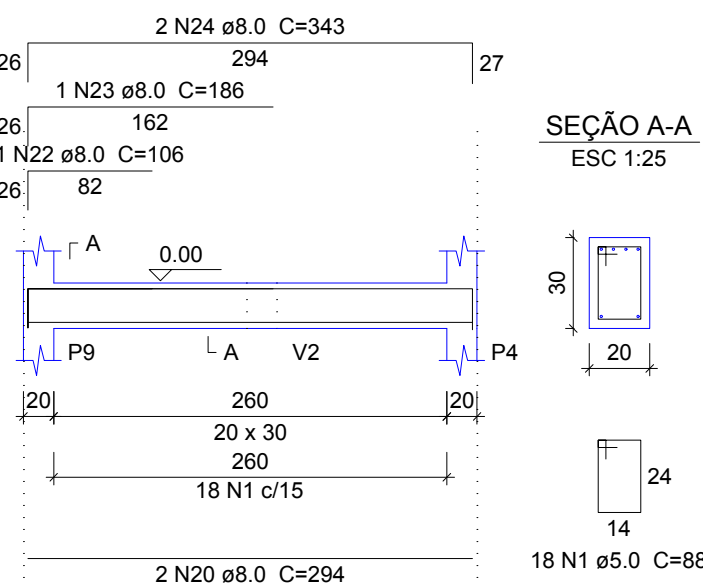
V9
ESC 1:50



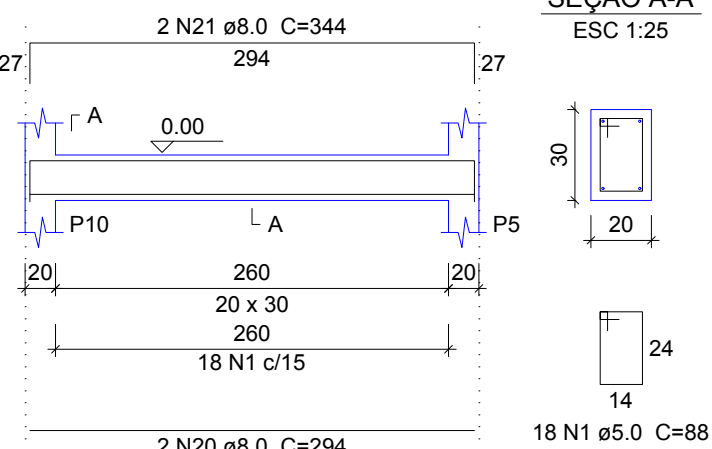
V10
ESC 1:50



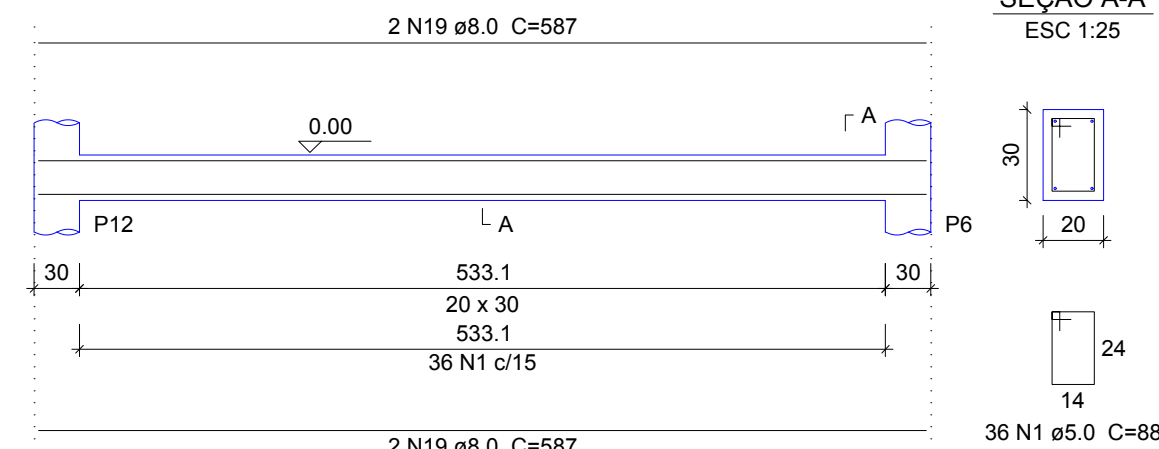
V11
ESC 1:50



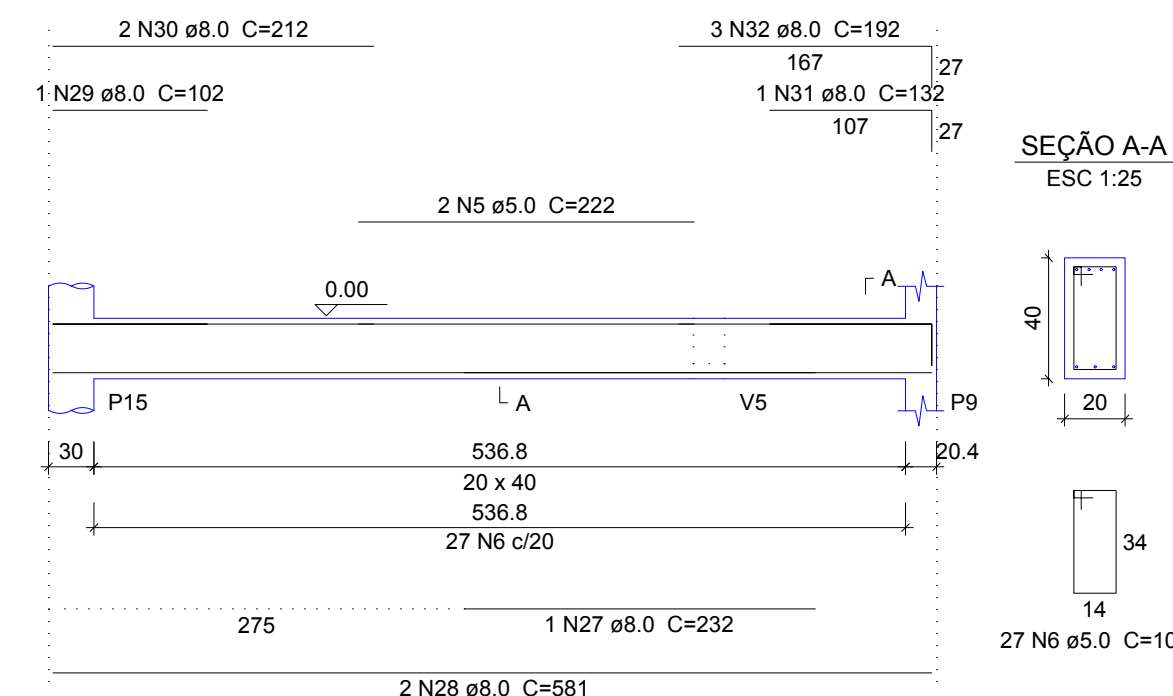
V12
ESC 1:50



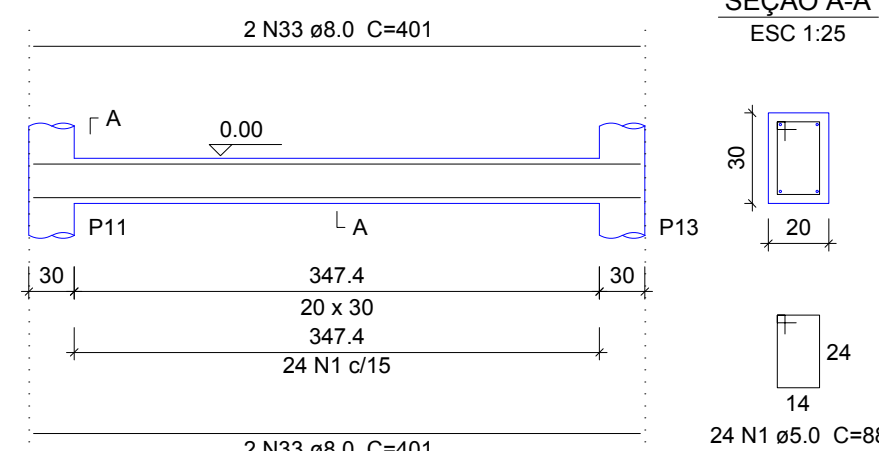
V13
ESC 1:50



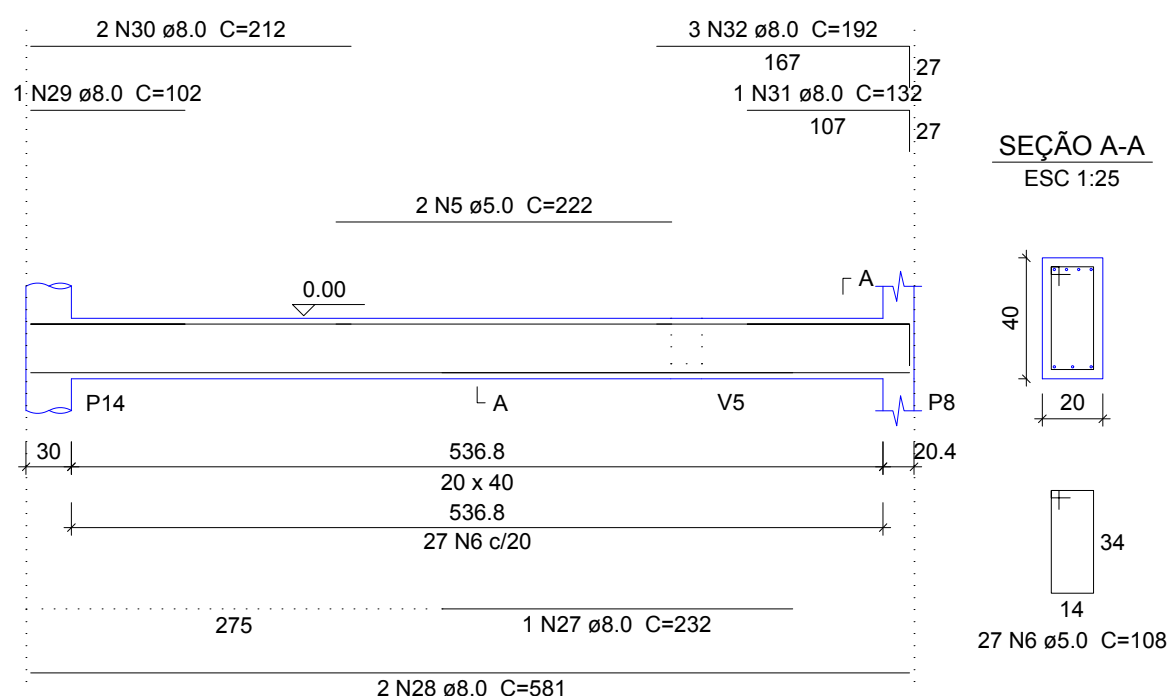
V14
ESC 1:50



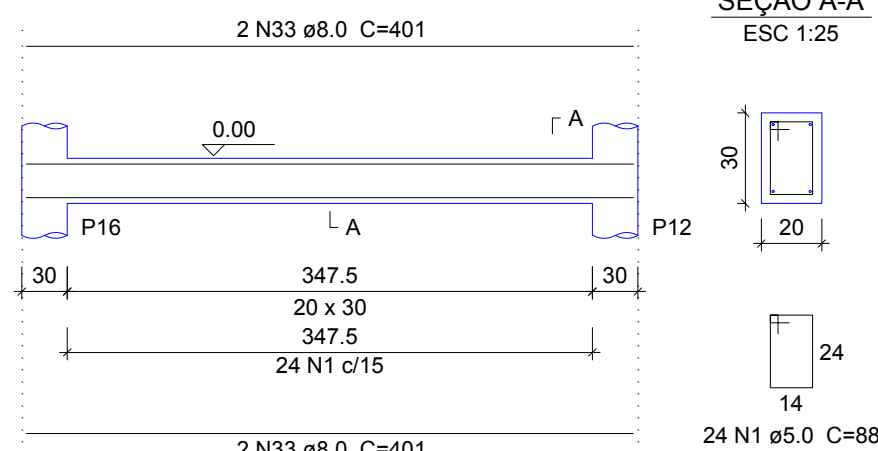
V15
ESC 1:50



V16
ESC 1:50



V17
ESC 1:50



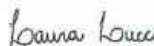
Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	8.0	348.3	136.32
	10.0	32.8	20.54
	12.5	44	44
CA60	5.0	590.3	90.9
PESO TOTAL			
CA50		203.86	
CA60		90.9	

Vol. de concreto total (C-25) = 6.38 m³
Área de forma total = 63.76 m²



PREF. M. SÃO MARTINHO-RS
APPROVADO
Jair Paulo Werber
Fiscal

 Estado do Rio Grande do Sul MUNICÍPIO DE SÃO MARTINHO CNPJ 07.613.097/0001-96				
Obra:				
Área de Lazer				
Conteúdo:	Endereço:			
Vigas Baldrame	Avenida Getúlio Vargas			
Responsável Técnico:	Proprietário:			
 Mauro Lucca - Engenharia Civil CREA/RS 229332	 Marino Krewer Prefeito Municipal			
Escala:	Área:	Data:	Desenho:	Prancha:
indicada	172,81 m²	Junho/2020		12