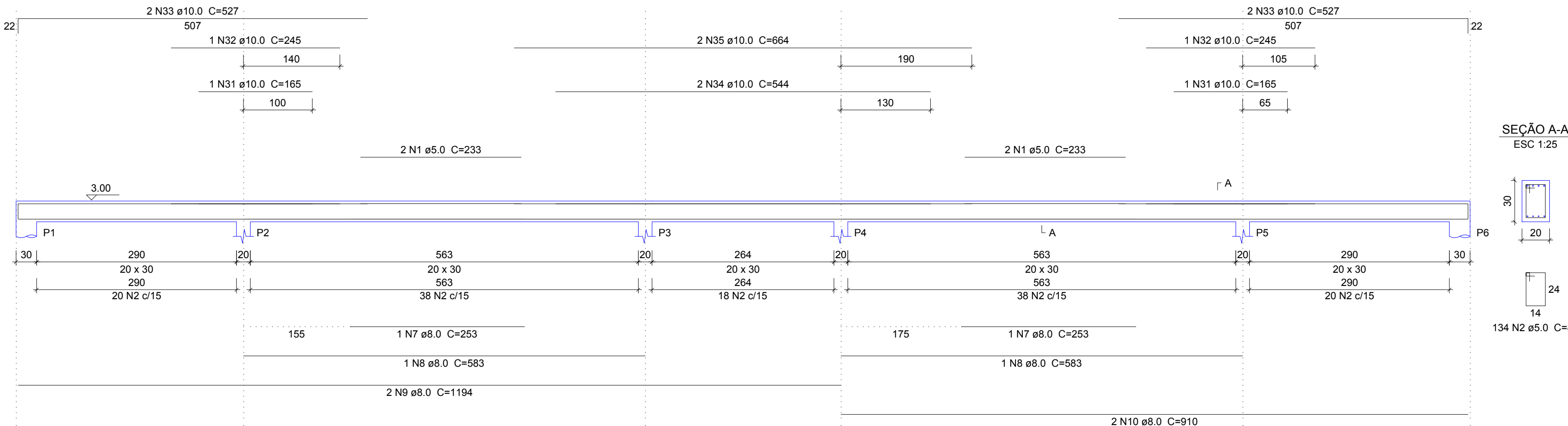
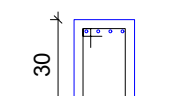


V1
ESC 1:50

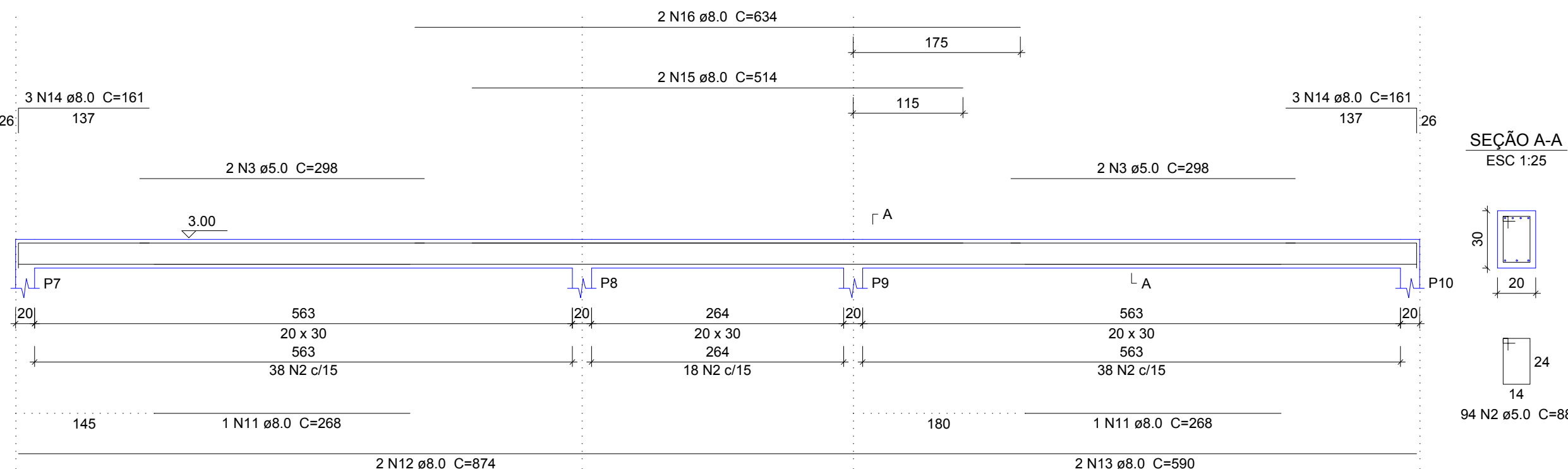


SEÇÃO A-A
ESC 1:25

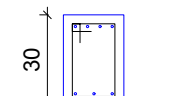


134 N2 ø5.0 C=88

V2
ESC 1:50

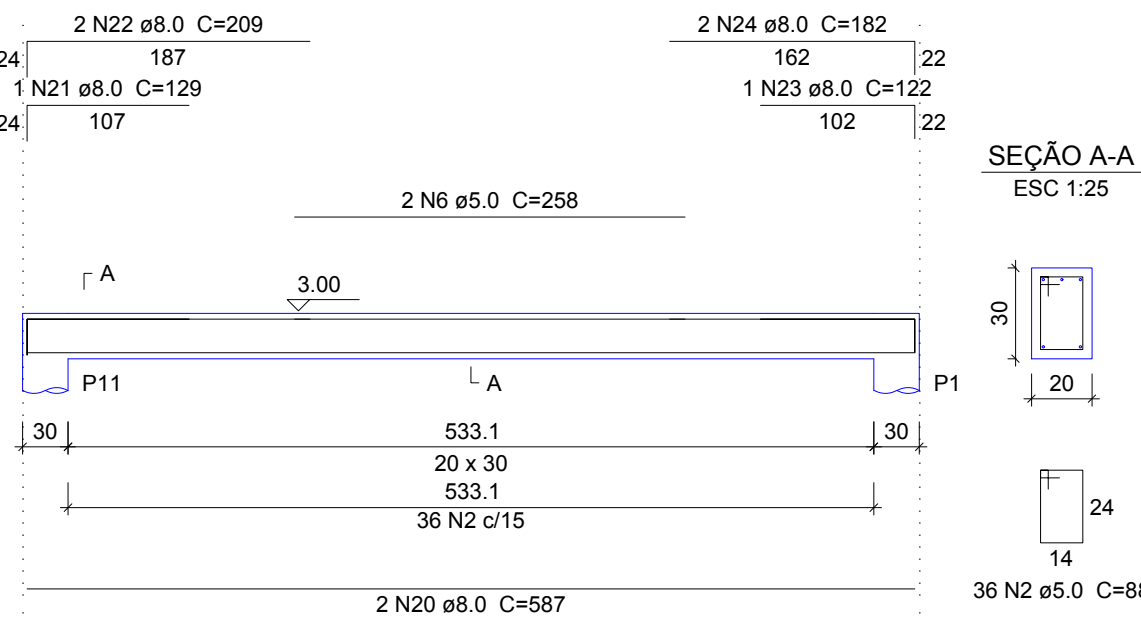


SEÇÃO A-A
ESC 1:25

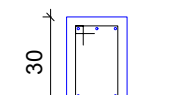


94 N2 ø5.0 C=88

V4
ESC 1:50

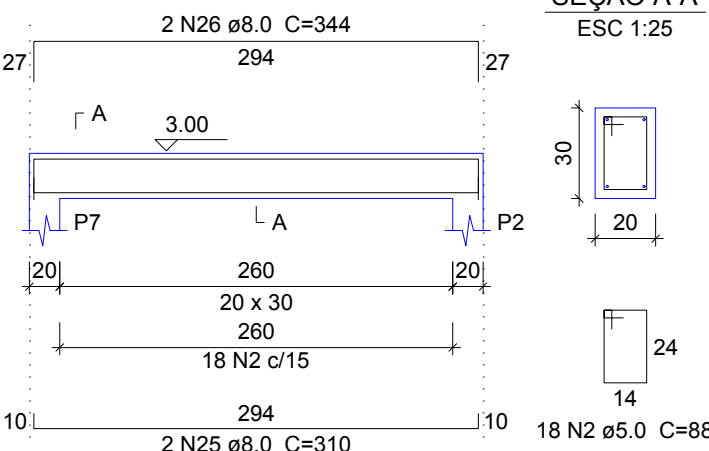


SEÇÃO A-A
ESC 1:25

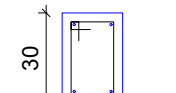


36 N2 ø5.0 C=88

V5
ESC 1:50

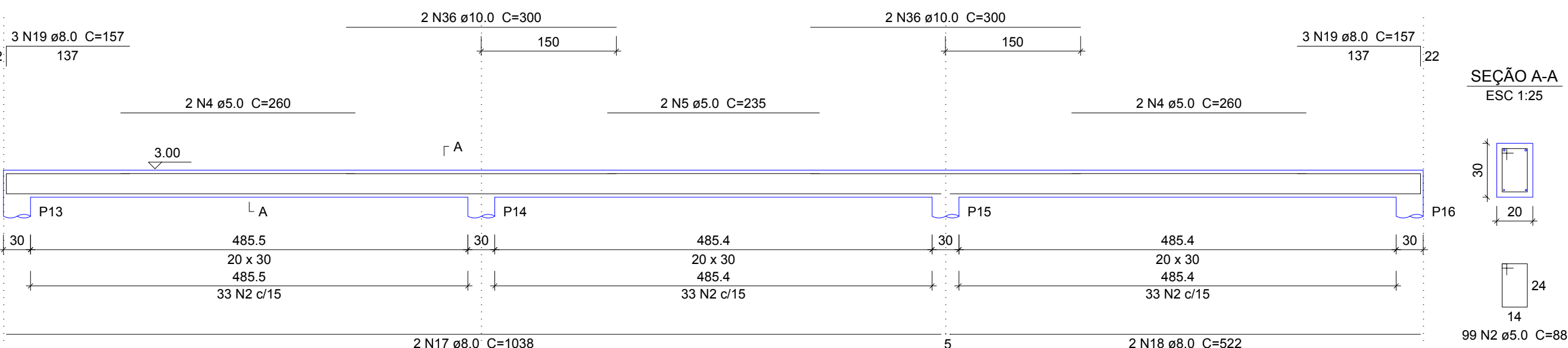


SEÇÃO A-A
ESC 1:25

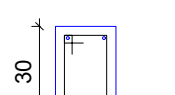


18 N2 ø5.0 C=88

V3
ESC 1:50

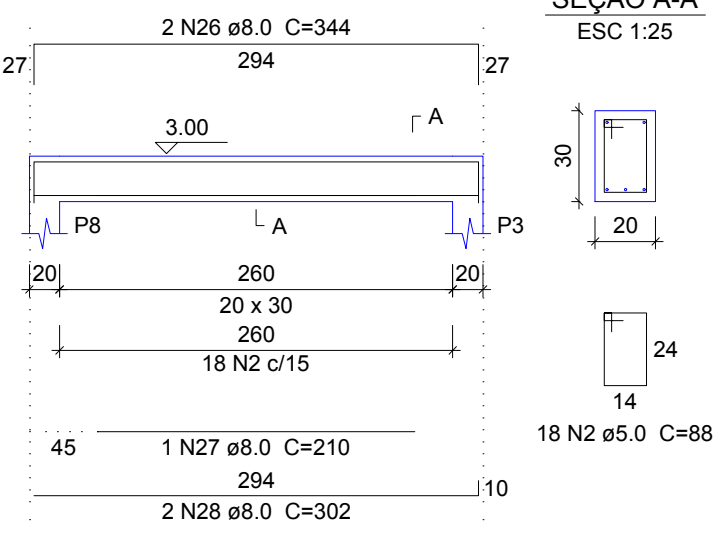


SEÇÃO A-A
ESC 1:25

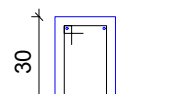


99 N2 ø5.0 C=88

V6
ESC 1:50

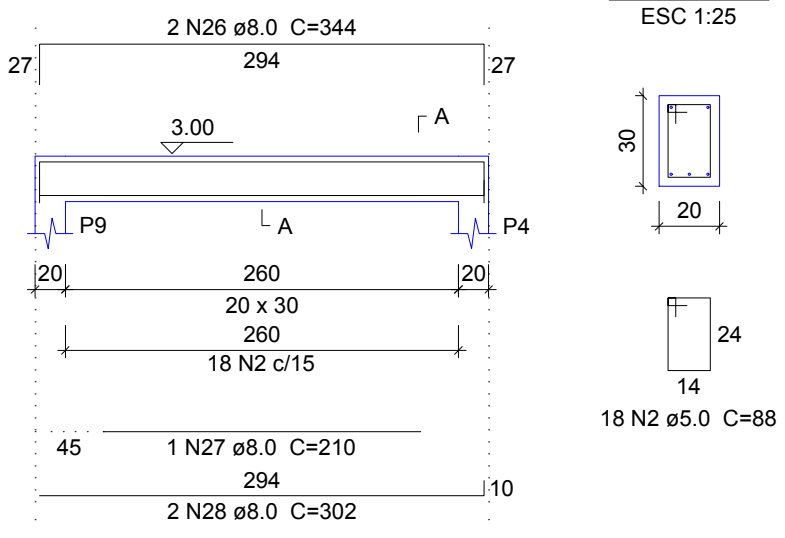


SEÇÃO A-A
ESC 1:25

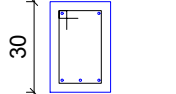


18 N2 ø5.0 C=88

V7
ESC 1:50

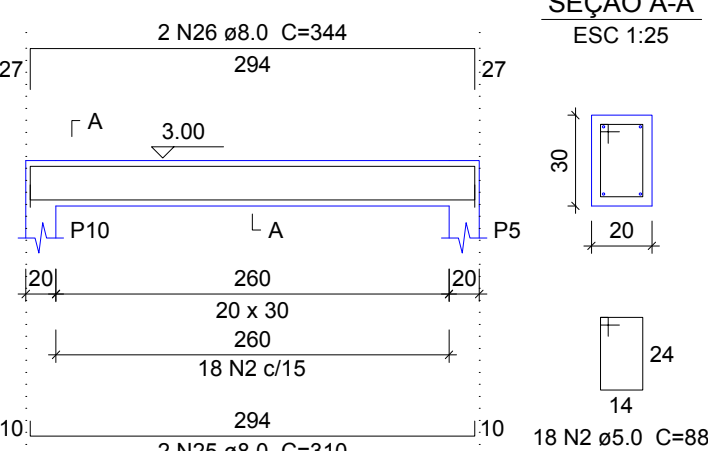


SEÇÃO A-A
ESC 1:25

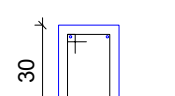


18 N2 ø5.0 C=88

V8
ESC 1:50

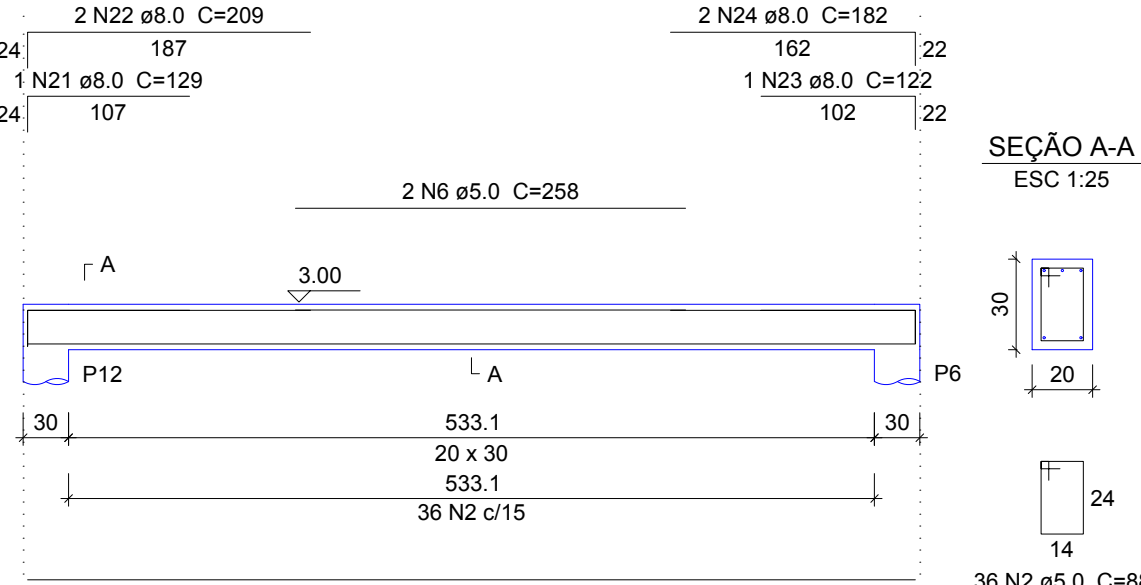


SEÇÃO A-A
ESC 1:25

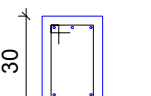


18 N2 ø5.0 C=88

V9
ESC 1:50

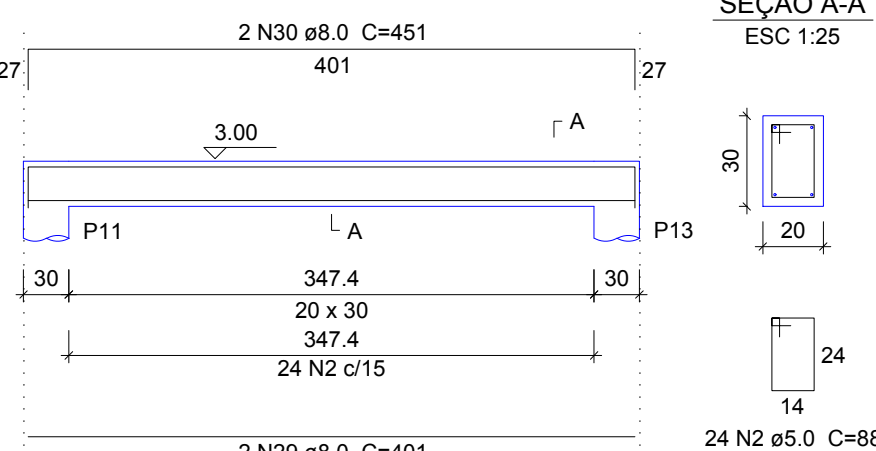


SEÇÃO A-A
ESC 1:25

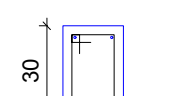


36 N2 ø5.0 C=88

V10
ESC 1:50

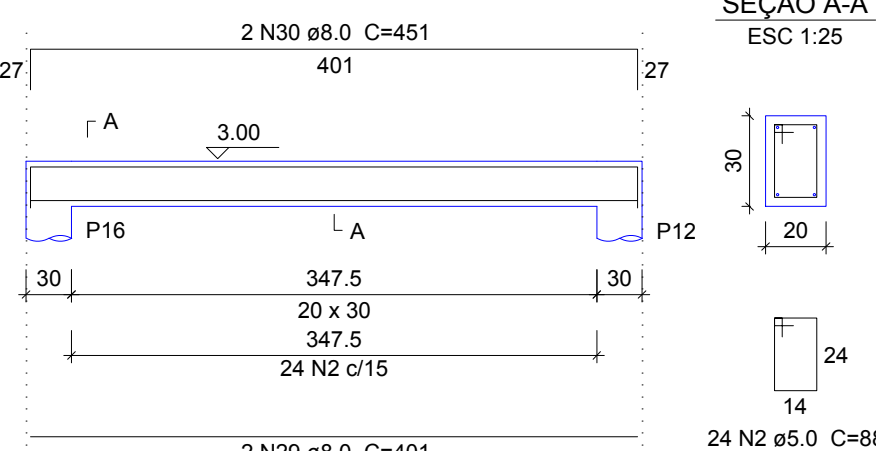


SEÇÃO A-A
ESC 1:25

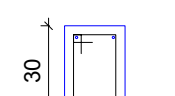


24 N2 ø5.0 C=88

V11
ESC 1:50



SEÇÃO A-A
ESC 1:25



24 N2 ø5.0 C=88

Relação do aço

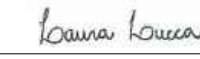
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	4	233	932
	2	5.0	519	88	45672
	3	5.0	4	298	1192
	4	5.0	4	260	1040
	5	5.0	2	235	470
CA50	6	5.0	4	258	1032
	7	8.0	2	253	506
	8	8.0	2	583	1166
	9	8.0	2	1194	2388
	10	8.0	2	910	1820
	11	8.0	2	268	536
	12	8.0	2	874	1748
	13	8.0	2	590	1180
	14	8.0	6	161	966
	15	8.0	2	514	1028
	16	8.0	2	634	1268
	17	8.0	2	1038	2076
	18	8.0	2	522	1044
	19	8.0	6	157	942
	20	8.0	4	587	2348
	21	8.0	2	129	256
	22	8.0	4	209	836
	23	8.0	2	122	244
	24	8.0	4	182	728
	25	8.0	4	310	1240
	26	8.0	8	344	2752
	27	8.0	2	210	420
	28	8.0	4	302	1208
	29	8.0	4	401	1604
	30	8.0	4	451	1804
	31	10.0	2	165	330
	32	10.0	2	245	490
	33	10.0	4	527	2108
	34	10.0	2	544	1088
	35	10.0	2	664	1328
	36	10.0	4	300	1200

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	8.0	301.1	120.44
CA60	10.0	65.5	41.27
	5.0	503.4	77.52
PESO TOTAL			
CA50	161.71		
CA60	77.52		

Vol. de concreto total (C-25) = 5.02 m³
Área de forma total = 66.86 m²



 Estado do Rio Grande do Sul MUNICÍPIO DE SÃO MARTINHO CNPJ 07.813.097/0001-98				
Obra: Área de Lazer				
Conteúdo: Vigas Cobertura		Endereço: Avenida Getúlio Vargas		
Responsável Técnica:  Laura Lucas - Engenheira Civil CREA/RS 229332		Proprietário:  Mauro Krieger Prefeito Municipal		
Escala: indicada	Área: 172,81 m²	Data: Junho/2020	Desenho:	Prancha: 15