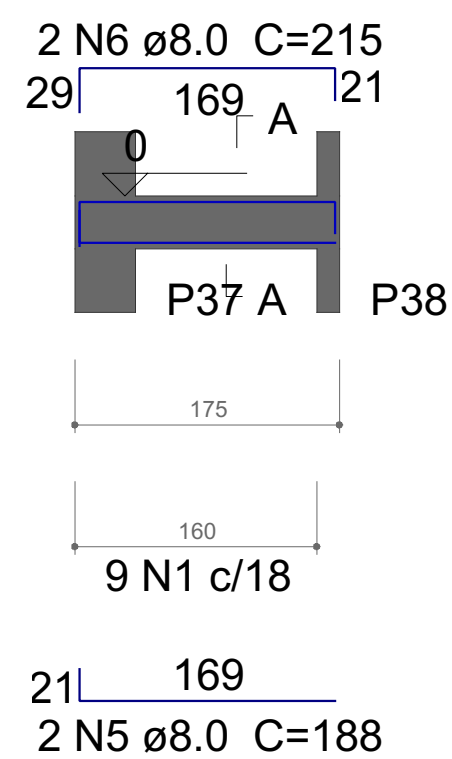
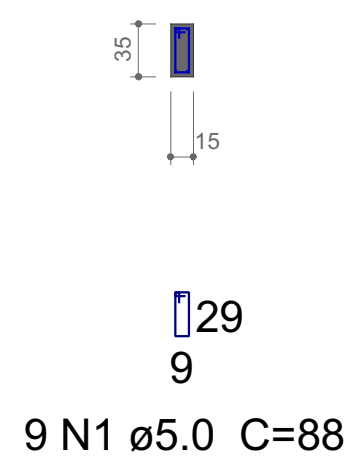


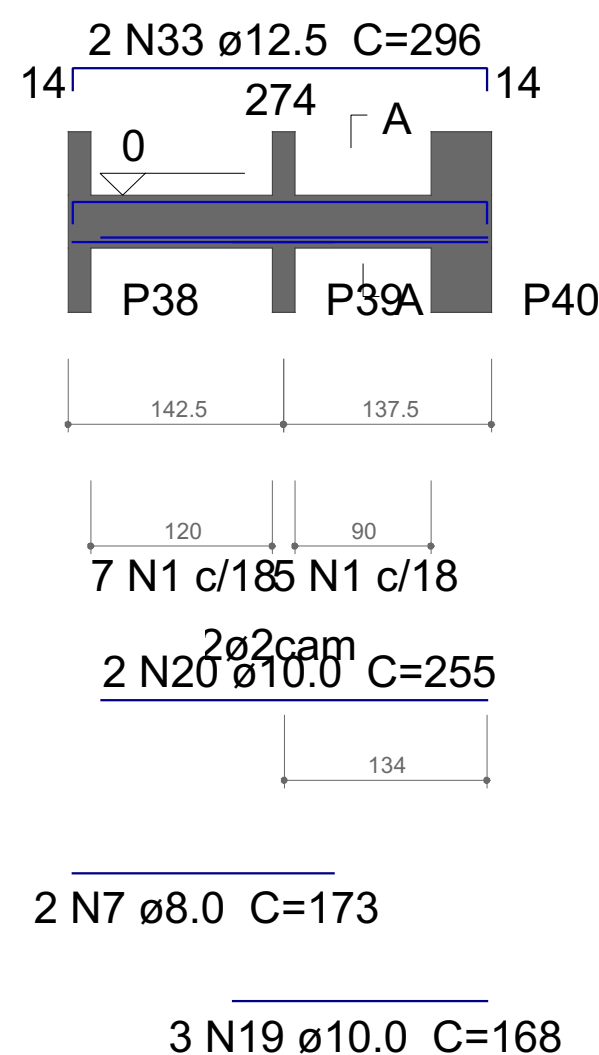
V12  
ESC 1:50



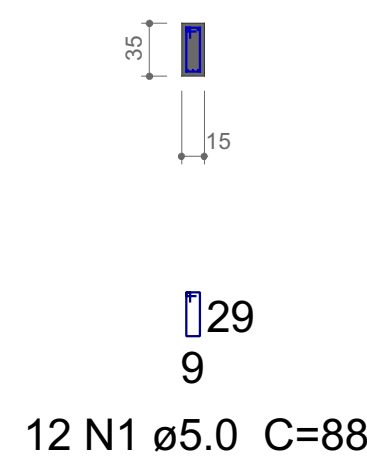
SEÇÃO A-A  
ESC 1:50



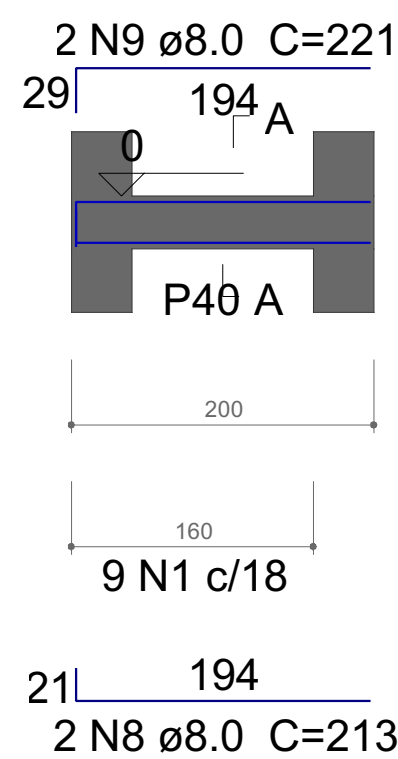
V13  
ESC 1:50



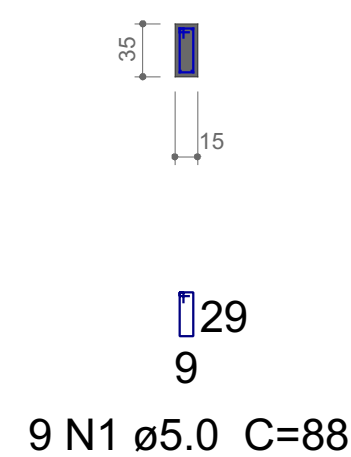
SEÇÃO A-A  
ESC 1:50



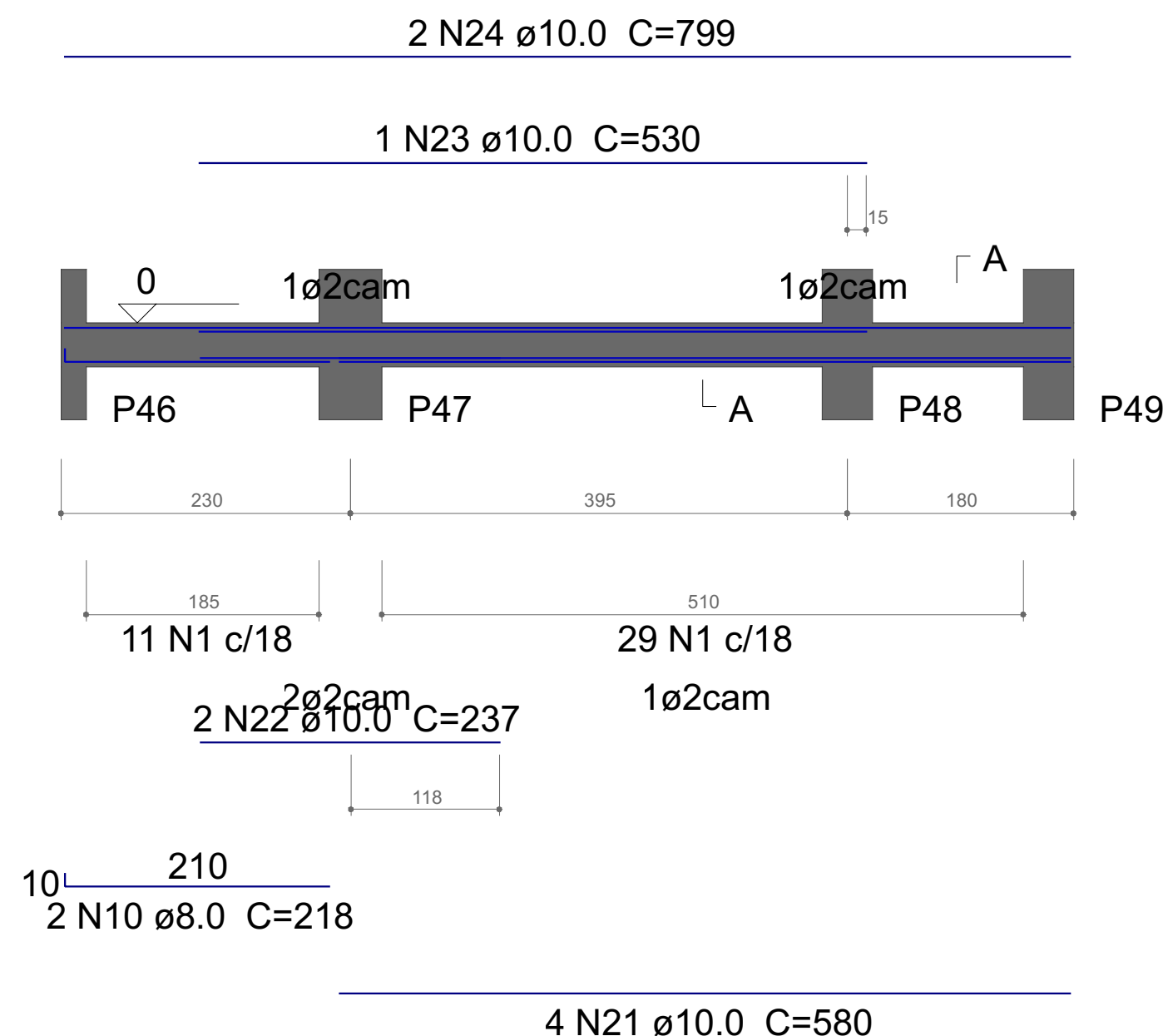
V14  
ESC 1:50



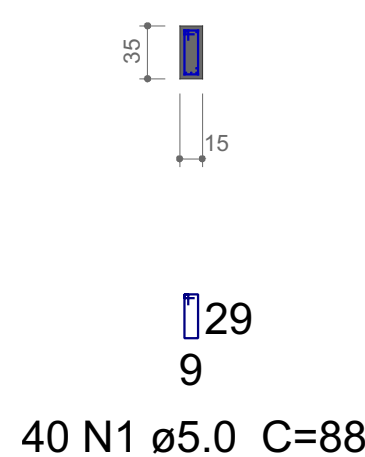
SEÇÃO A-A  
ESC 1:50



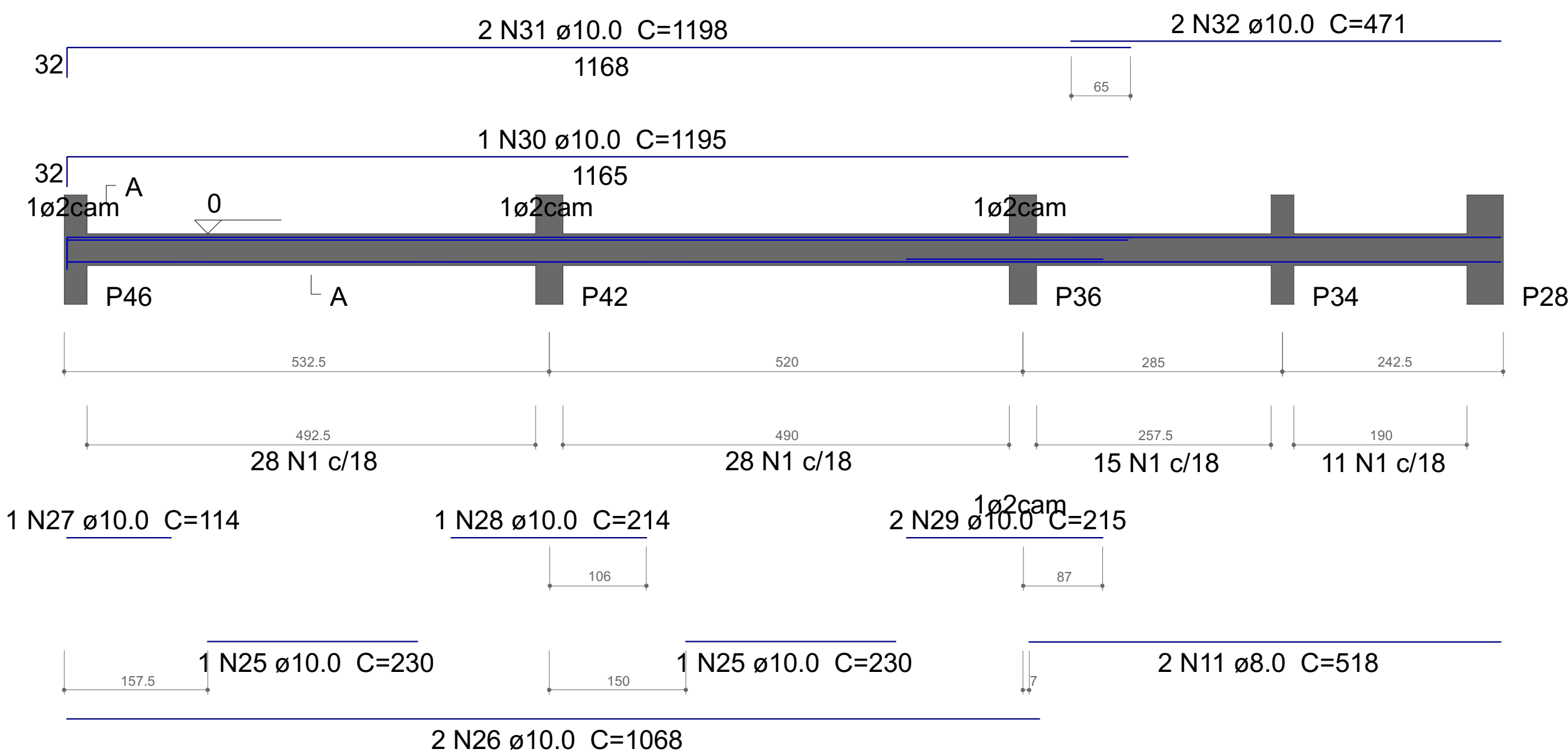
V15  
ESC 1:50



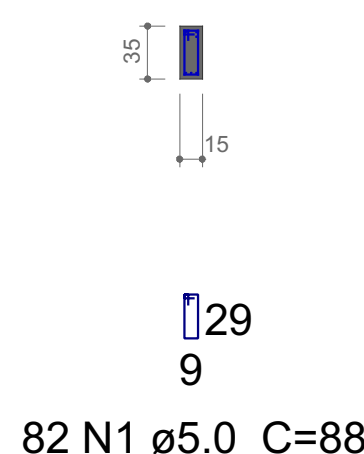
SEÇÃO A-A  
ESC 1:50



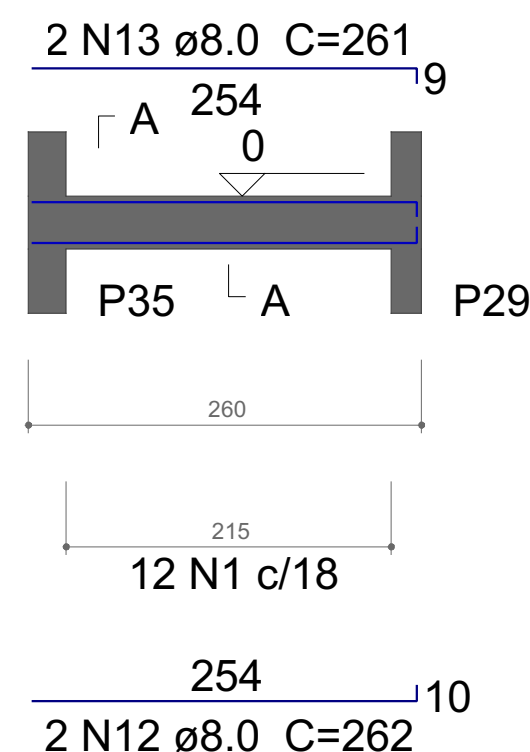
V16  
ESC 1:50



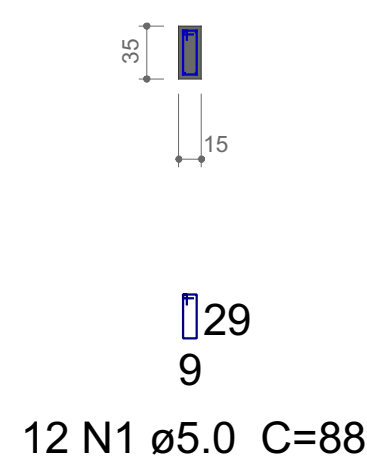
SEÇÃO A-A  
ESC 1:50



V19  
ESC 1:50



SEÇÃO A-A  
ESC 1:50

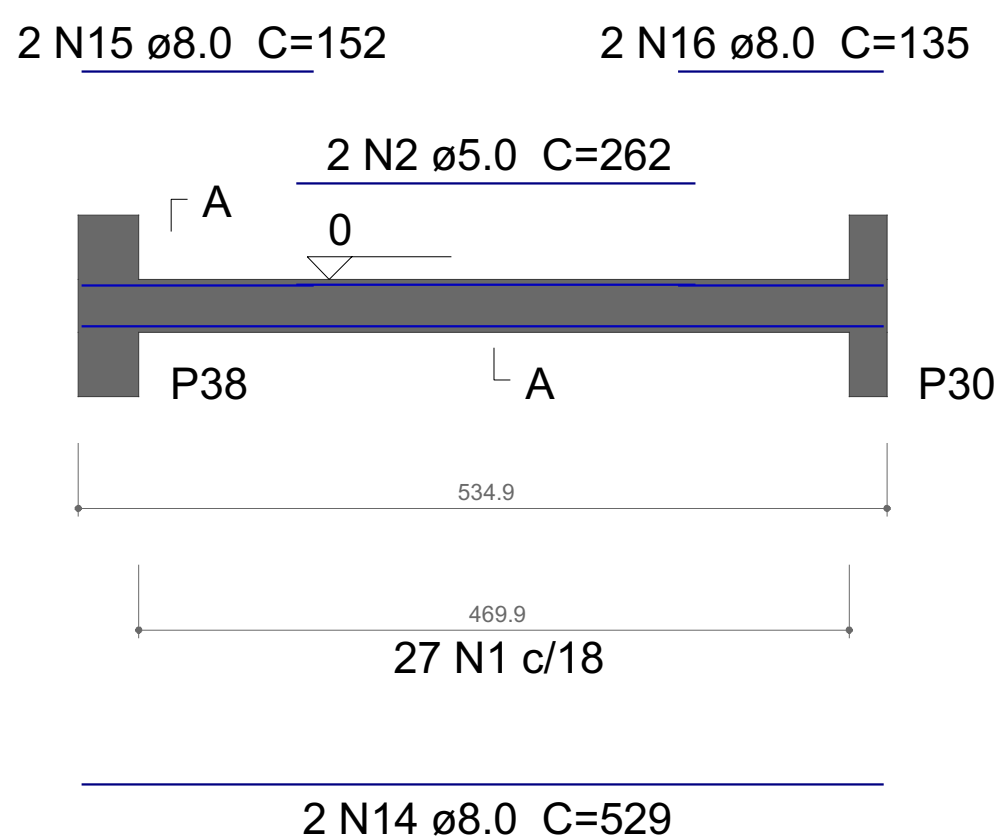


Resumo do aço

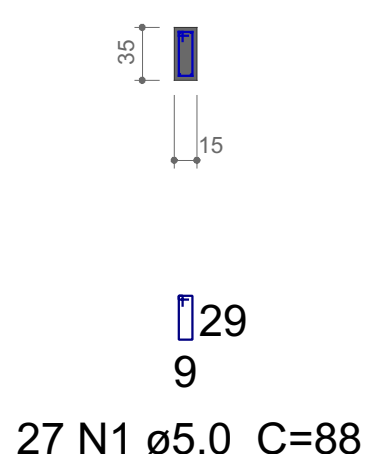
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	95	41.2
	10.0	138.3	93.7
	12.5	6	6.3
CA60	5.0	229.5	38.9
PESO TOTAL (kg)			
CA50		141.2	
CA60		38.9	

Volume de concreto (C-30) = 2.18 m³  
Área de forma = 41.56 m²

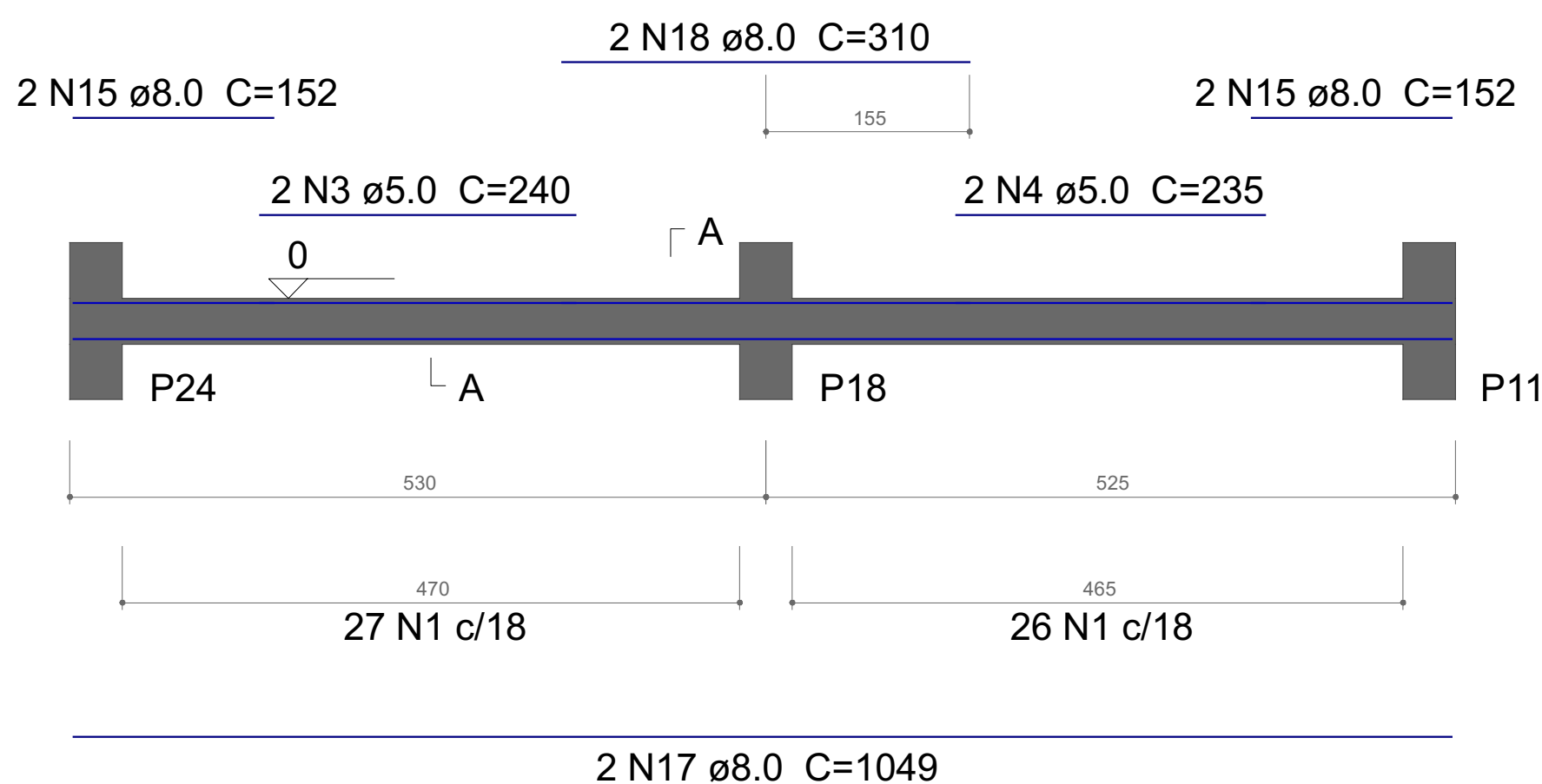
V21  
ESC 1:50



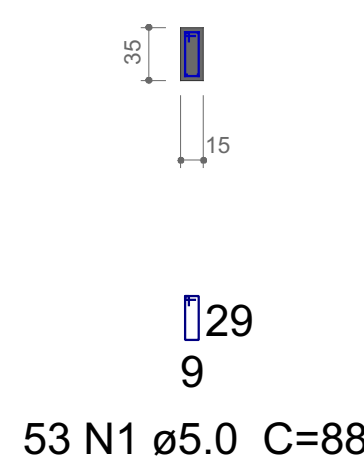
SEÇÃO A-A  
ESC 1:50



V22  
ESC 1:50



SEÇÃO A-A  
ESC 1:50



Relação do aço

V12 V15 V21		V13 V16 V22		V14 V19	
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	244	88	21472
	2	5.0	2	262	524
	3	5.0	2	240	480
	4	5.0	2	235	470
CA50	5	8.0	2	188	376
	6	8.0	2	215	430
	7	8.0	2	173	346
	8	8.0	2	213	426
	9	8.0	2	221	442
	10	8.0	2	218	436
	11	8.0	2	518	1036
	12	8.0	2	262	524
	13	8.0	2	261	522
	14	8.0	2	529	1058
	15	8.0	6	152	912
	16	8.0	2	135	270
	17	8.0	2	1049	2098
	18	8.0	2	310	620
	19	10.0	3	168	504
	20	10.0	2	255	510
	21	10.0	4	580	2320
	22	10.0	2	237	474
	23	10.0	1	530	530
	24	10.0	2	799	1598
	25	10.0	2	230	460
	26	10.0	2	1068	2136
	27	10.0	1	114	114
	28	10.0	1	214	214
	29	10.0	2	215	430
	30	10.0	1	1195	1195
	31	10.0	2	1198	2396
	32	10.0	2	471	942
	33	12.5	2	296	592

APROVAÇÃO

Carimbos da Prefeitura Municipal:

ESTATÍSTICA DA OBRA:

Finalidade da obra:



Obra: **Arquibancada**

Local: LAR. DO SUL/Pr

Endereço da obra: Av. Santos Dumont

Folha: **5 / 18**

Escala: INDICADA

Data: 26/08/2022

Últimas Atualizações: 26/08/2022

Desenho: WANDER

Proprietário:  
PREF. MUN. DE LARANJEIRAS DO SUL  
CNPJ. 76.205.970/0001-95  
AV. HONÓRIO BABINSKI - PAÇO MUNICIPAL Nº 01  
CEP. 85301-000 FONE (042) 3635-8100  
LARANJEIRAS DO SUL/PR

Vigas  
Detalhamento

Resp.p/ Projeto:

SECRETARIA DE OBRAS E URBANISMO  
FONES (042) 3635-9131 e 3635-9107

