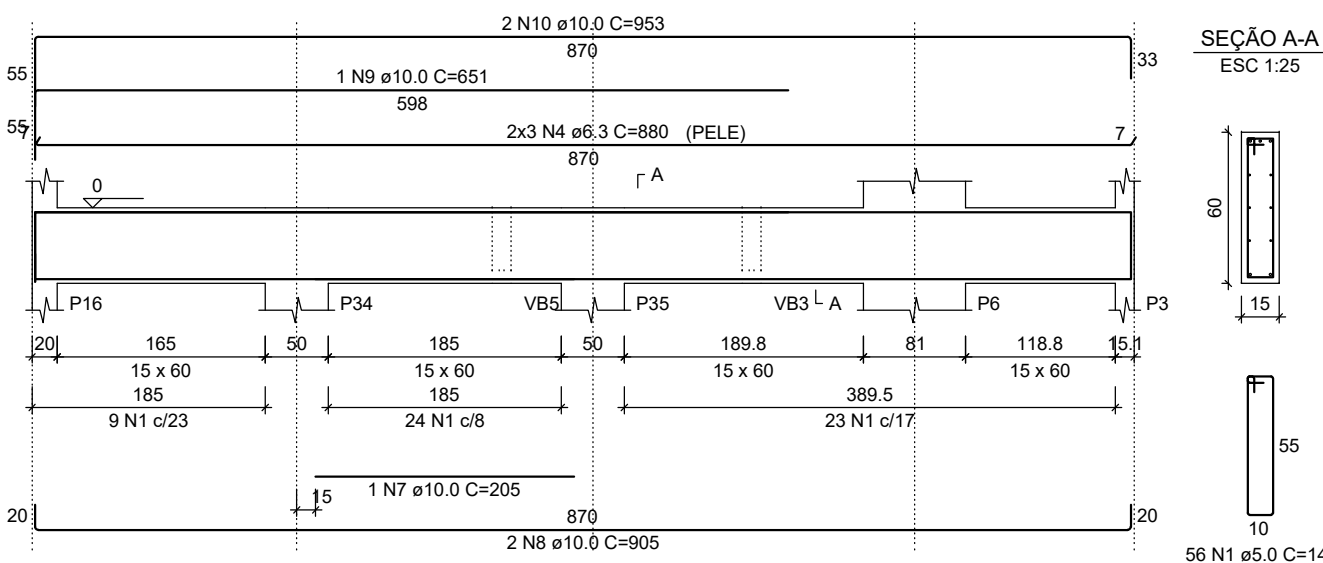


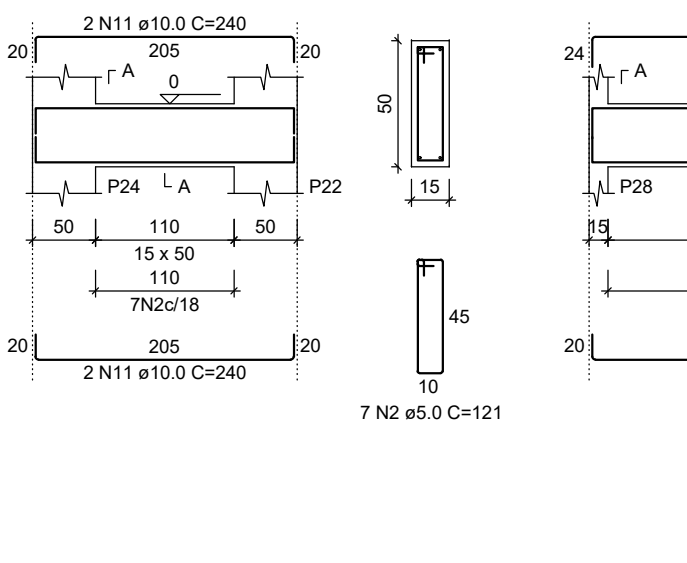
VB27

ESC 1:50



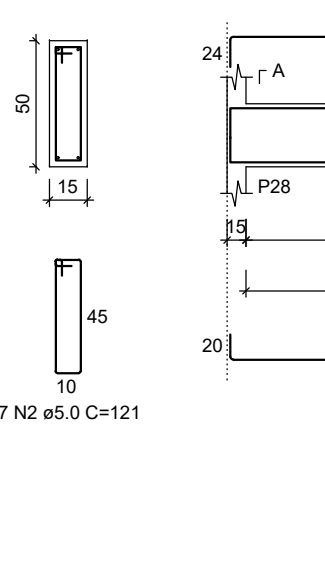
VB28

ESC 1:50



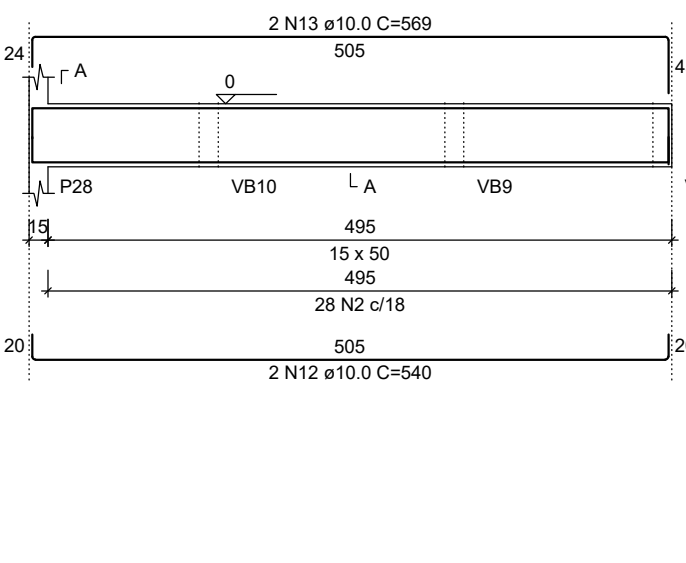
SEÇÃO A-A

ESC 1:25



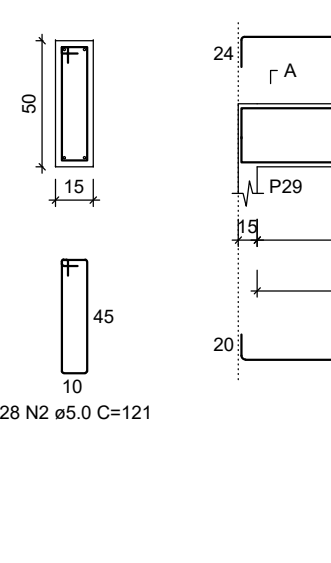
VB29

ESC 1:50



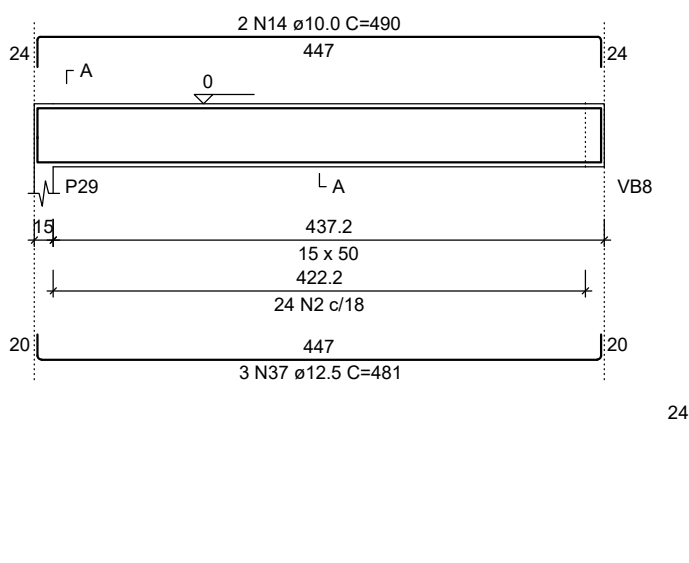
SEÇÃO A-A

ESC 1:25



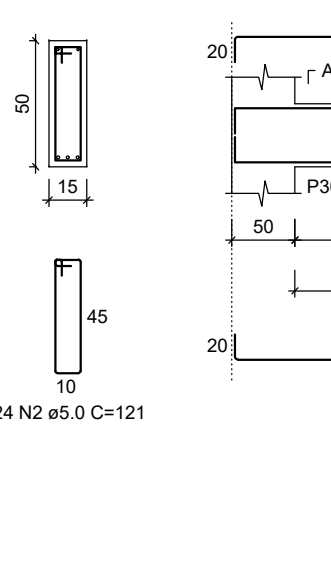
VB30

ESC 1:50



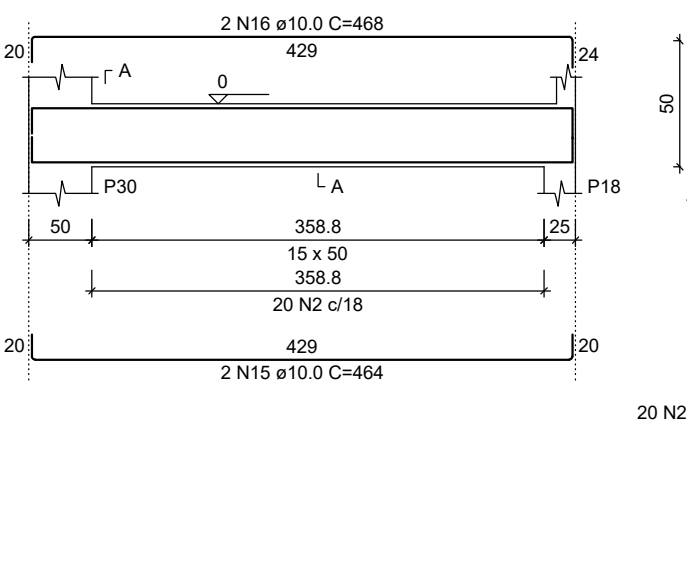
SEÇÃO A-A

ESC 1:25



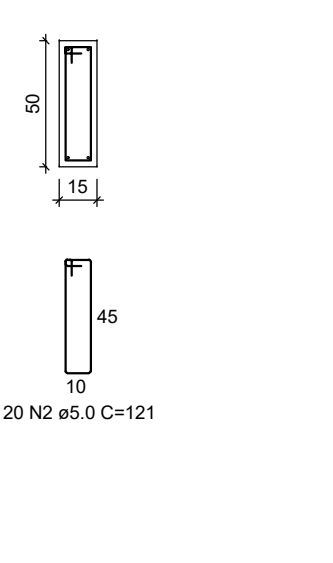
VB31

ESC 1:50



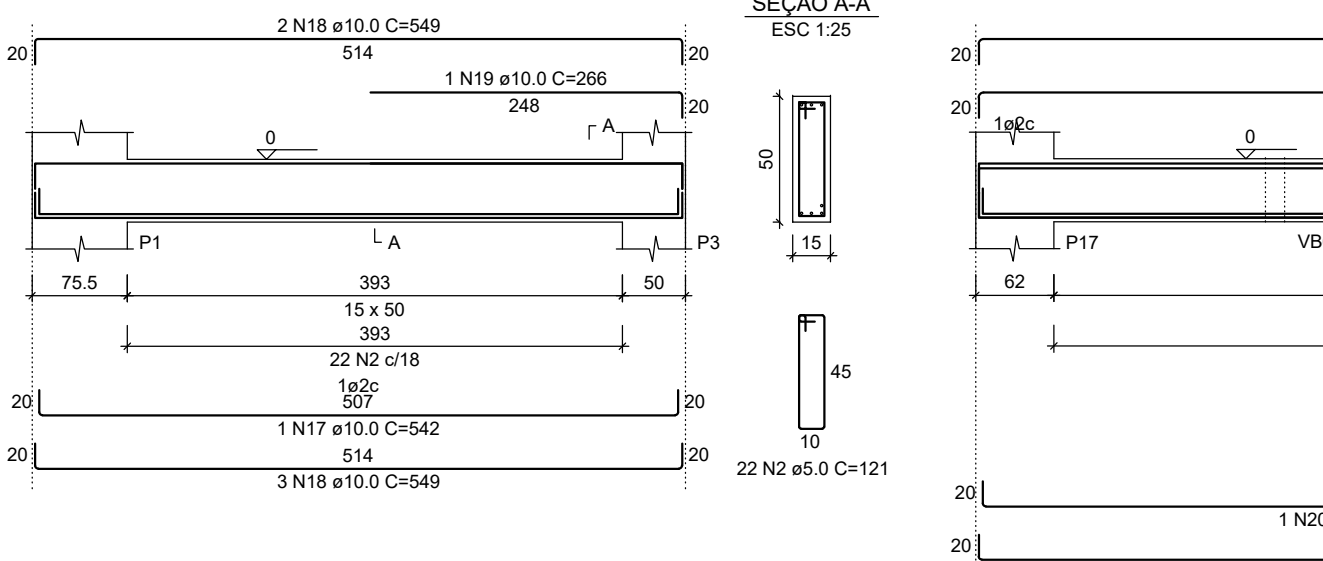
SEÇÃO A-A

ESC 1:25



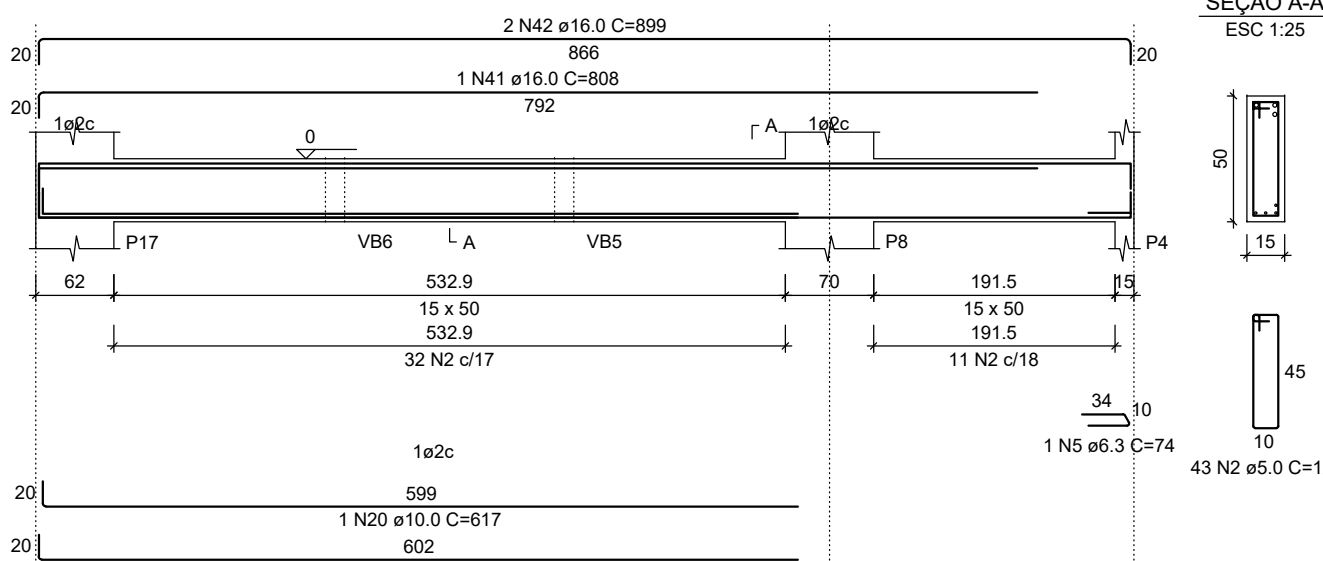
VB32

ESC 1:50



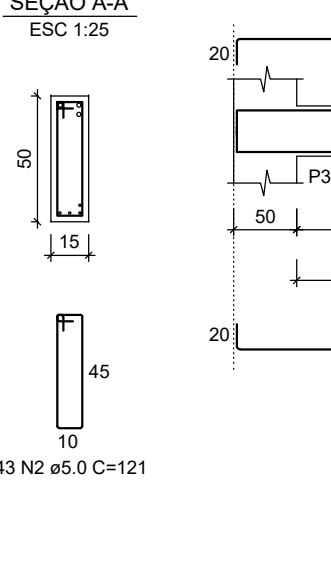
VB33

ESC 1:50



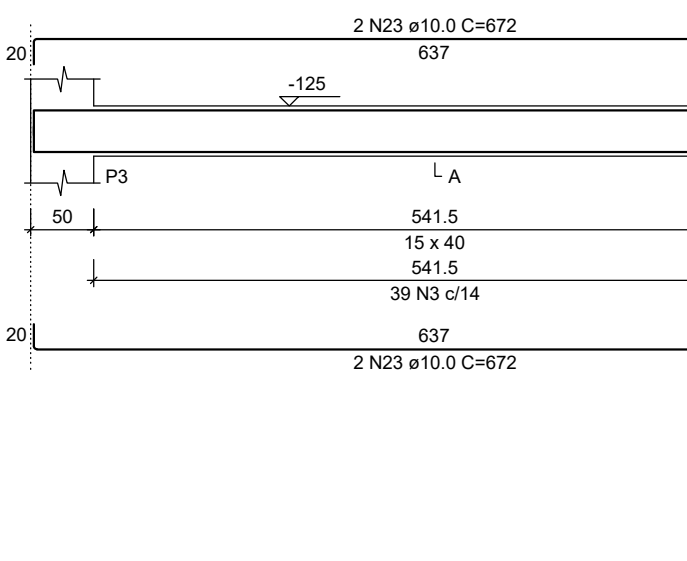
SEÇÃO A-A

ESC 1:25



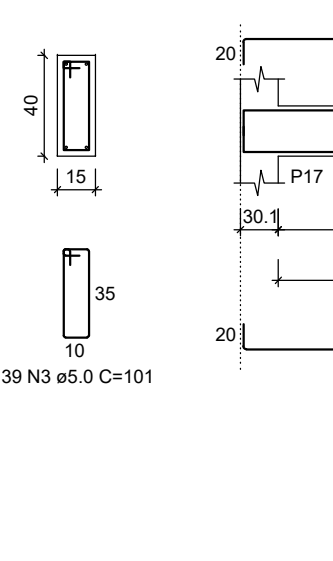
VB34

ESC 1:50



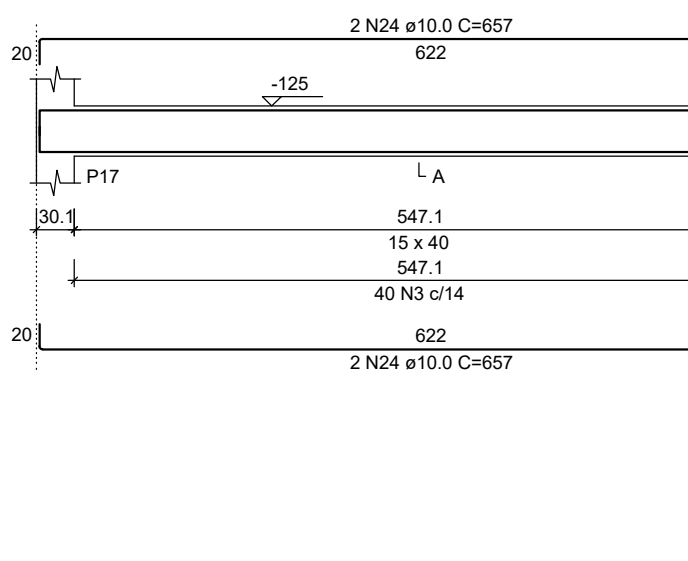
SEÇÃO A-A

ESC 1:25



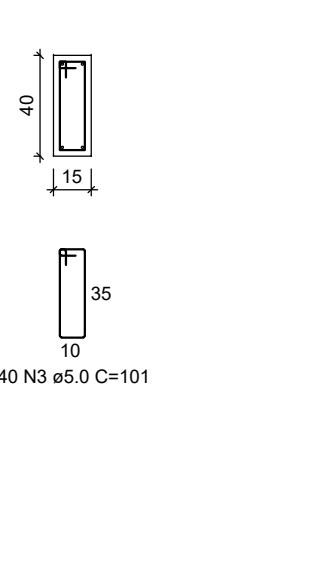
VB35

ESC 1:50



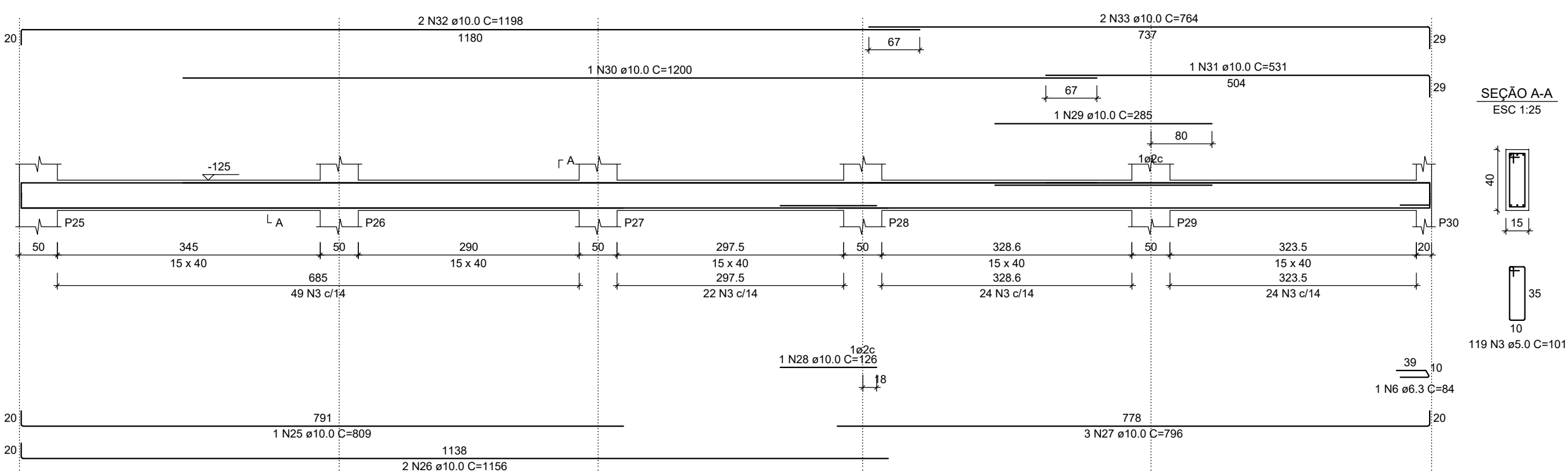
SEÇÃO A-A

ESC 1:25



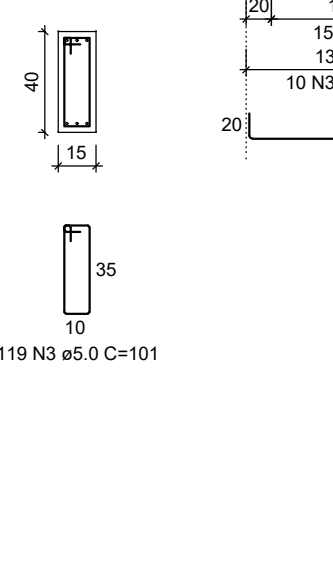
VB36

ESC 1:50



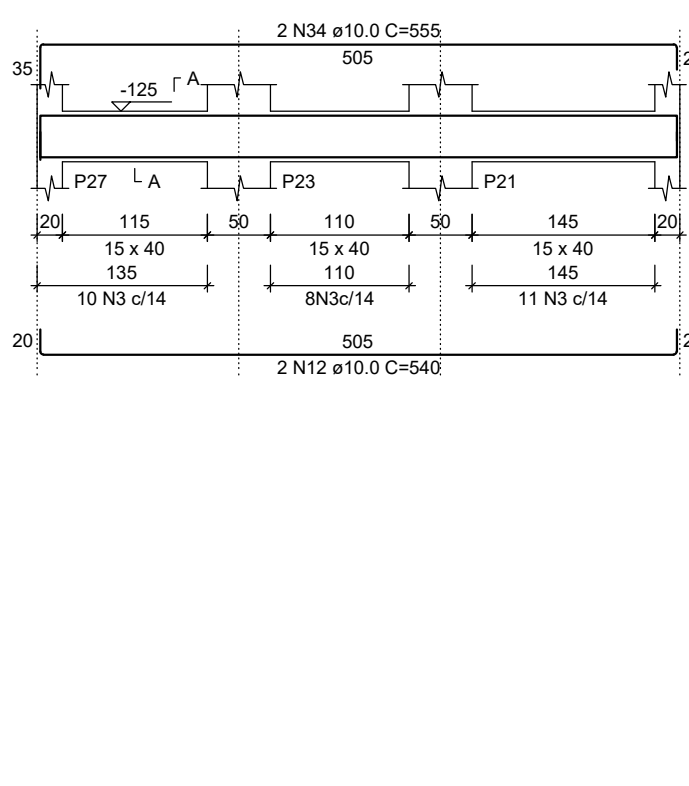
SEÇÃO A-A

ESC 1:25



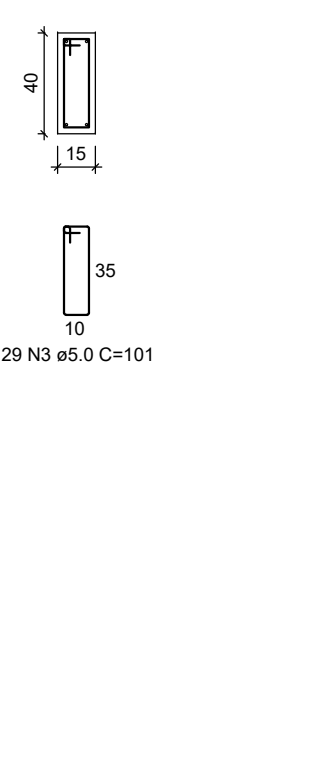
VB37

ESC 1:50



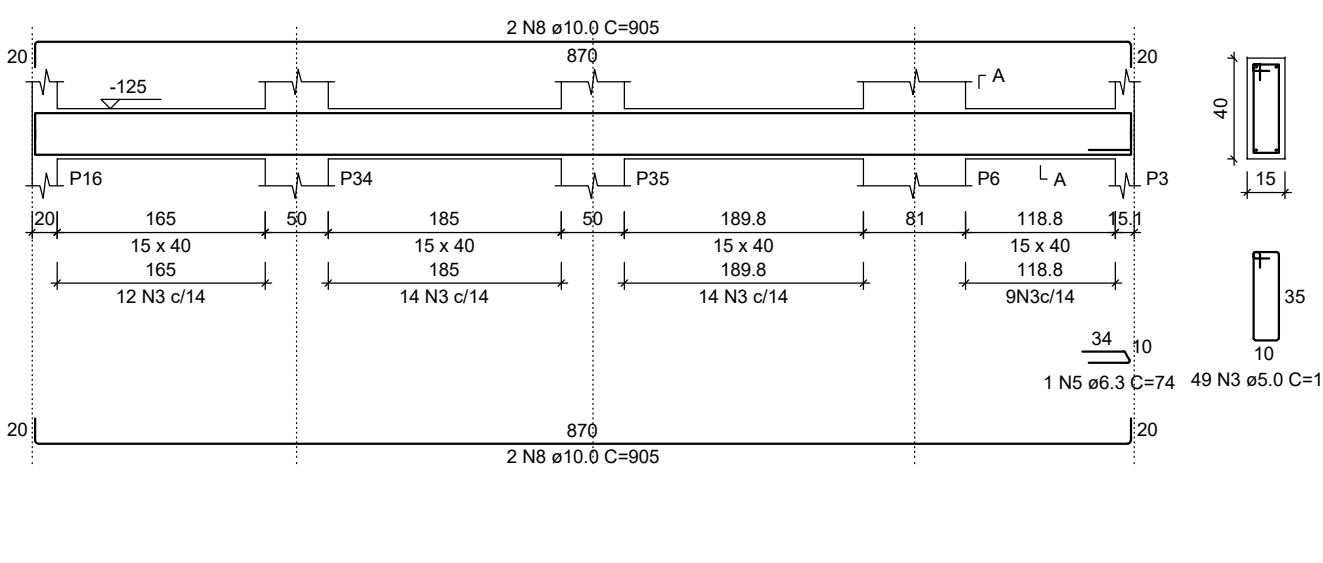
SEÇÃO A-A

ESC 1:25



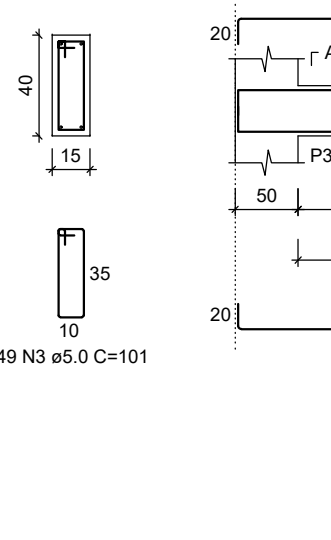
VB38

ESC 1:50



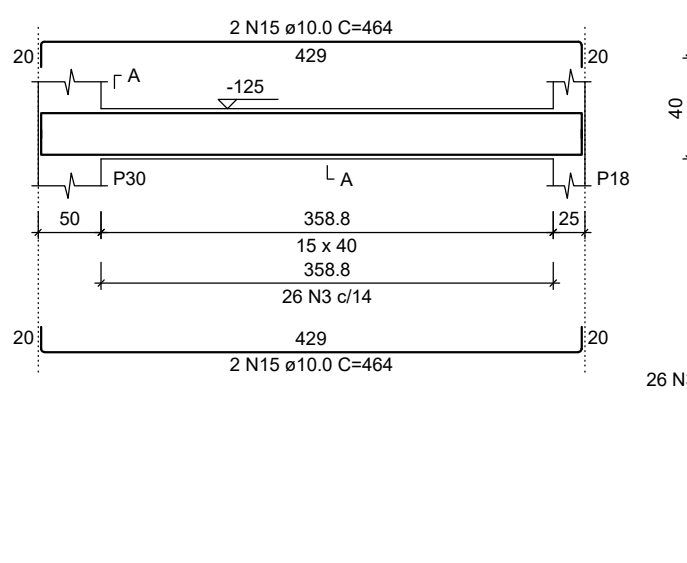
SEÇÃO A-A

ESC 1:25



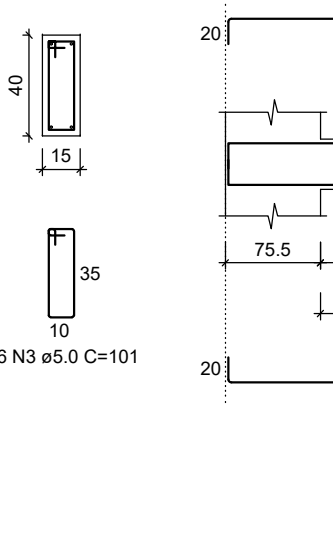
VB39

ESC 1:50



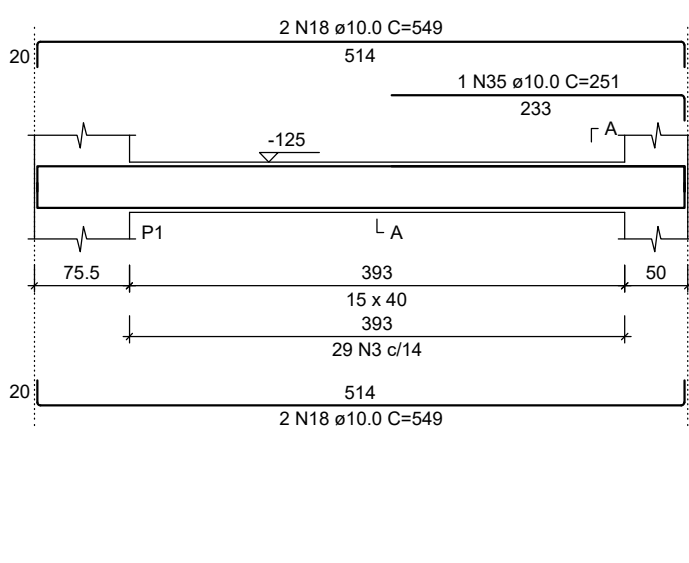
SEÇÃO A-A

ESC 1:25



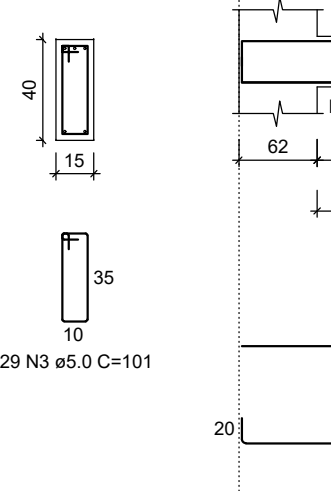
VB40

ESC 1:50



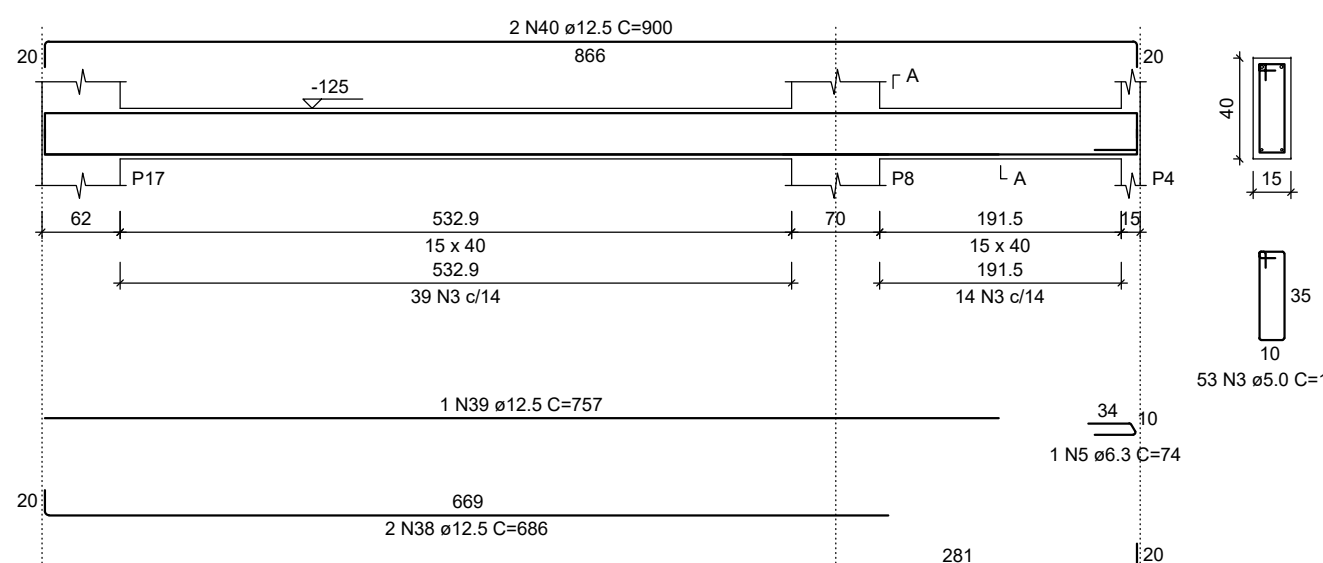
SEÇÃO A-A

ESC 1:25



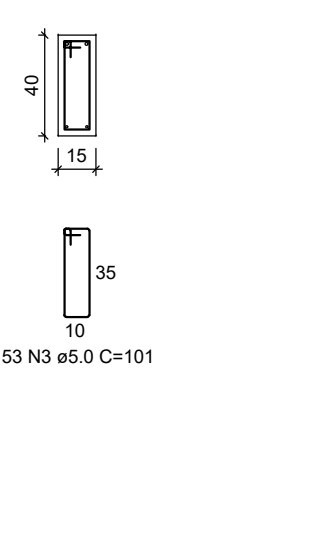
VB41

ESC 1:50



SEÇÃO A-A

ESC 1:25



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C. TOTAL (cm)
CA50	1	5.0	56	141	7896
VB27	2	5.0	144	121	17424
VB30	3	5.0	384	101	38784
VB33	4	6.3	6	880	5280
VB36	5	6.3	3	74	222
VB38	6	6.3	1	84	84
	7	10.0	1	205	205
	8	10.0	6	905	5430
	9	10.0	1	651	651
	10	10.0	2	563	1096
	11	10.0	4	240	960
	12	10.0	4	540	2160
	13	10.0	2	569	1138
	14	10.0	2	490	980
	15	10.0	6	464	2784
	16	10.0	2	468	936
	17	10.0	1	542	542
	18	10.0	9	549	4941
	19	10.0	1	266	266
	20	10.0	1	617	617
	21	10.0	1	620	620
	22	10.0	2	901	1802
	23	10.0	4	672	2688
	24	10.0	4	657	2628
	25	10.0	1	609	609
	26	10.0	2	1156	2312
	27	10.0	3	798	2398
	28	10.0	1	126	126
	29	10.0	1	285	285
	30	10.0	1	1200	1200
	31	10.0	1	531	531
	32	10.0	2	1198	2396
	33	10.0	2	764	1528
	34	10.0	2	555	1110
	35	10.0	1	251	251
	36	10.0	2	299	598
	37	12.5	3	481	1443
	38	12.5	2	686	1372
	39	12.5	1	757	757
	40	12.5	2	900	1800
	41	16.0	1	808	808
	42	16.0	2	999	1998

RESUMO DO AÇO

AÇO	DIAM (mm)	C. TOTAL (m)	PESO + 10% (kg)
CA50	6.3	55.9	15
	10.0	447.9	303.7
	12.5	53.7	56.9
	16.0	26.1	45.2
CA60	5.0	641	108.7
PESO TOTAL (kg)			
CA50		421	
CA60		108.7	

Volume de concreto (C-30) = 5.60 m³
Área de forma = 83.51 m²

PROJETO ESTRUTURAL

VIGAS BALDRAME

Proprietário:	Câmara Municipal de Araponga	CPF / CNPJ:	05.967.206/0001-09
Responsável Técnico:	GLADSTON RAMALDES MOREIRA MORAIRA:10 585835659	CREA:	208617/D
Finalidade:	Construção de um imóvel institucional	Data:	Setembro / 2025
Endereço:	Rua José Ernesto Kummel, SN, Centro, Araponga, Minas Gerais	CEP:	36.594-000
Desenho:		Folha:	02 / 02