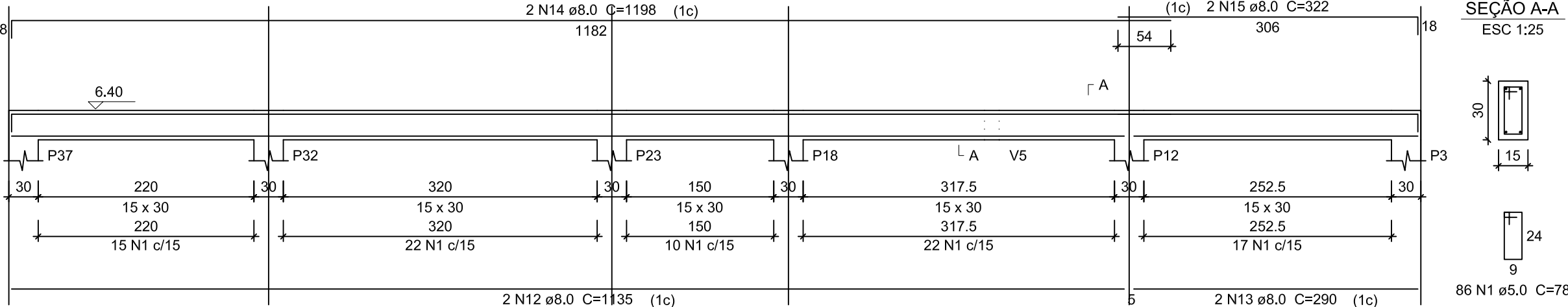
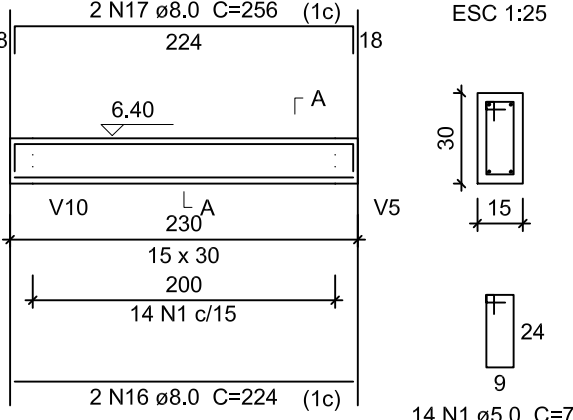


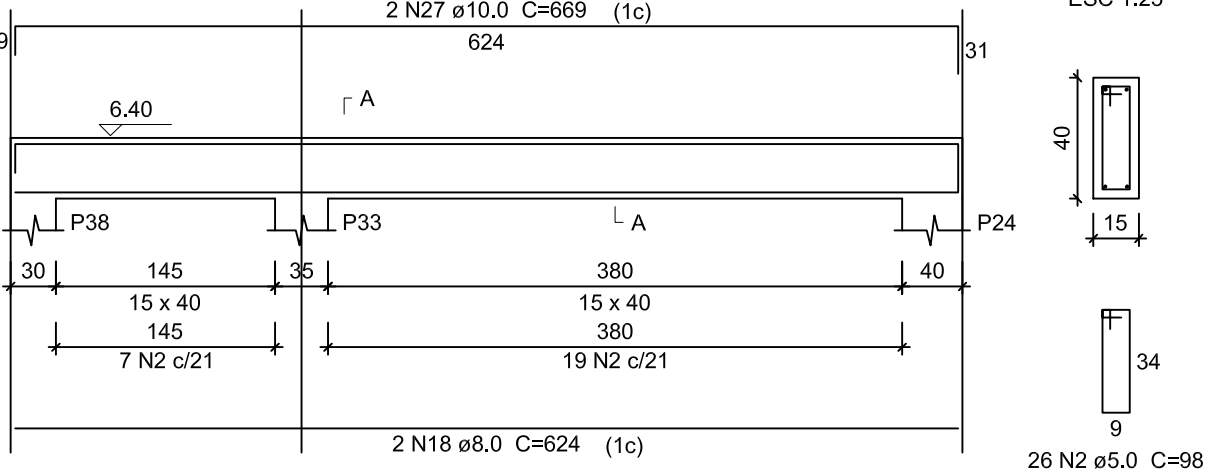
V26
ESC 1:50



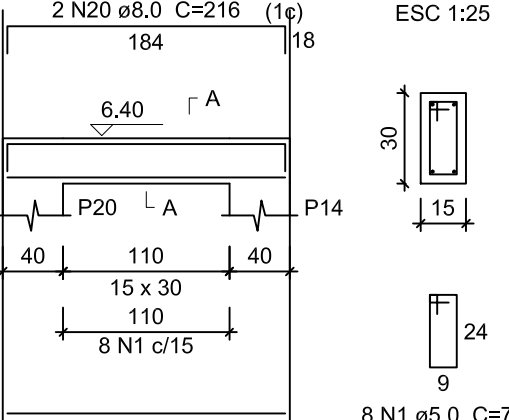
V27
ESC 1:50



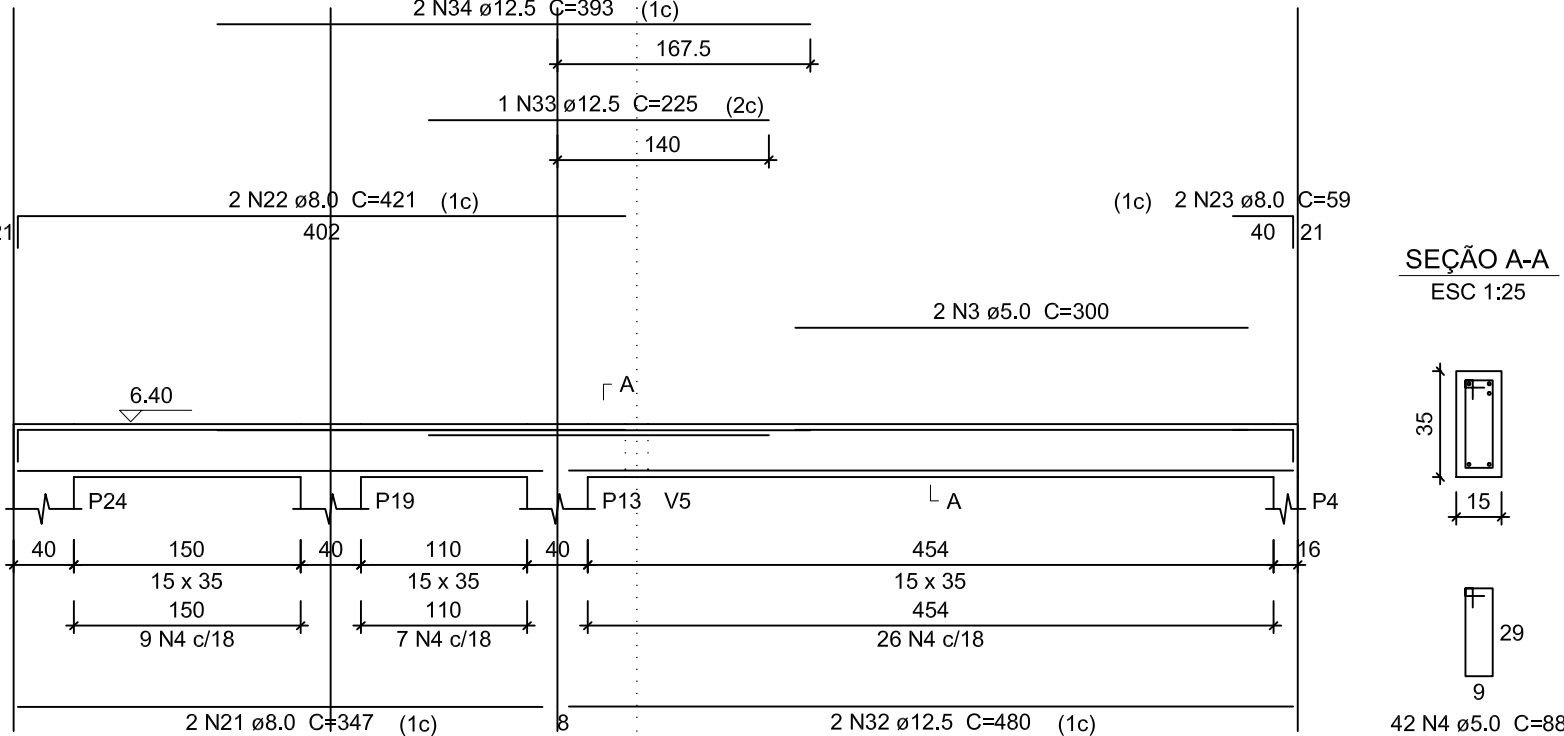
V28
ESC 1:50



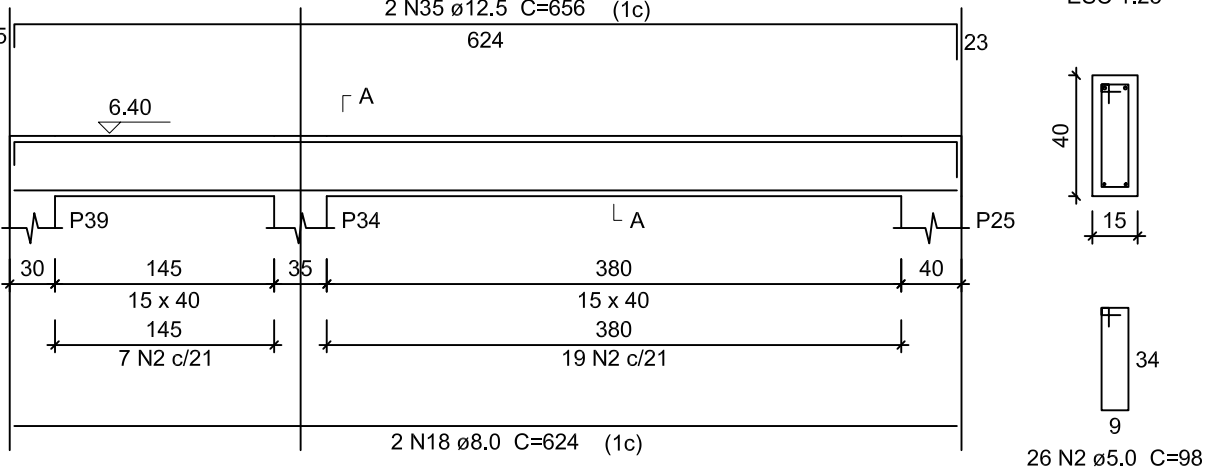
V30
ESC 1:50



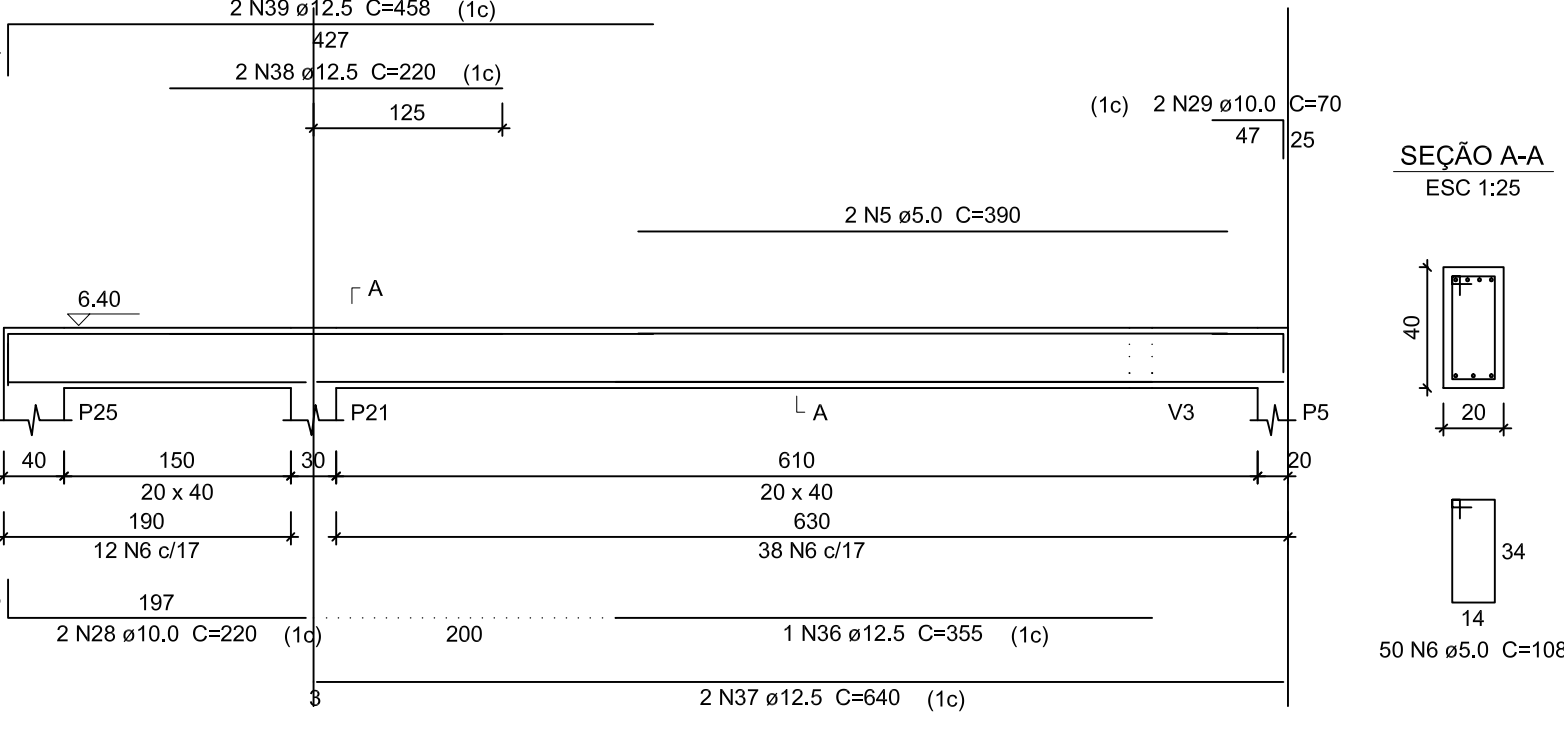
V29
ESC 1:50



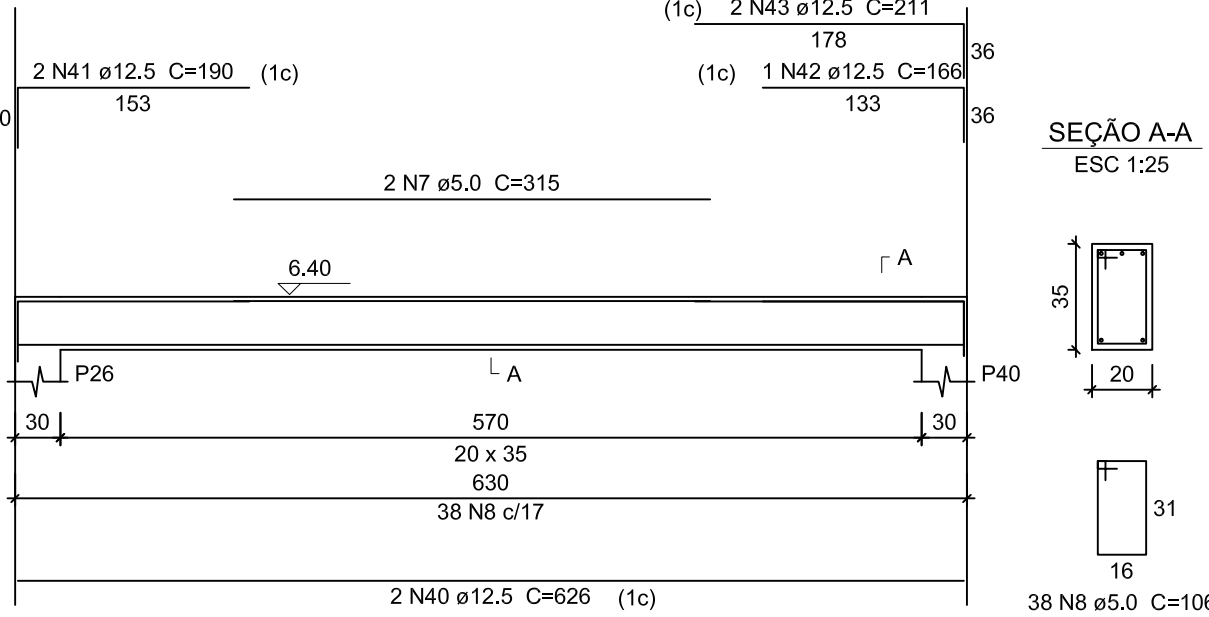
V31
ESC 1:50



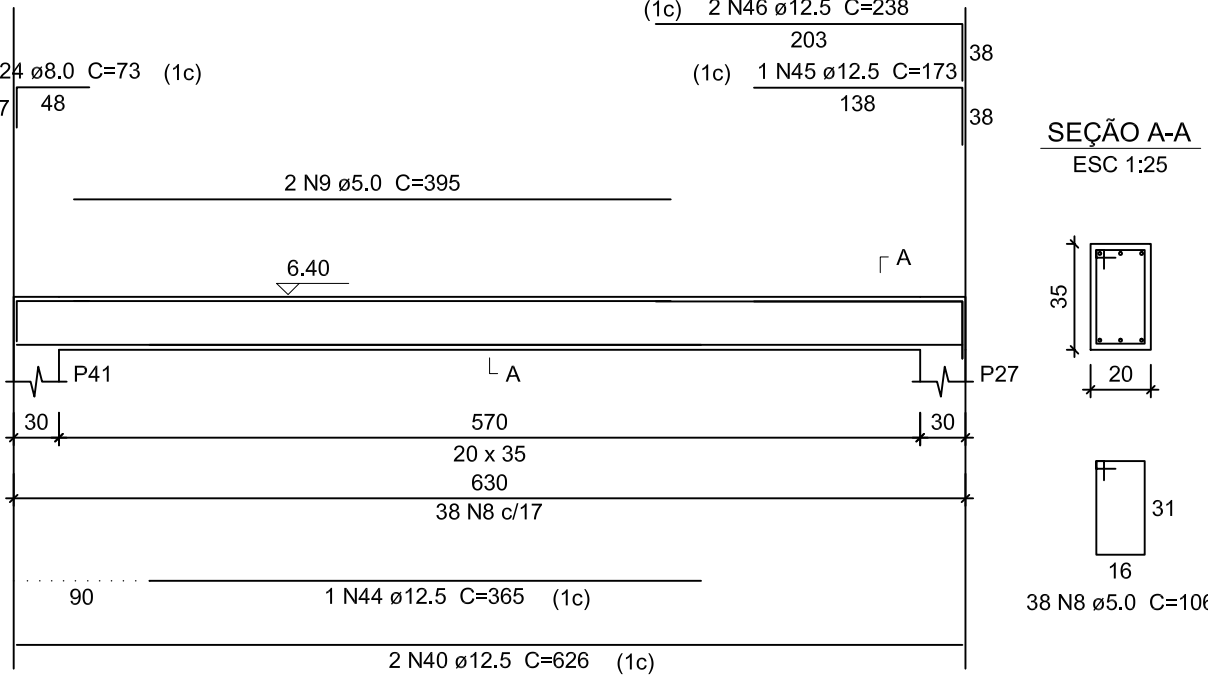
V32
ESC 1:50



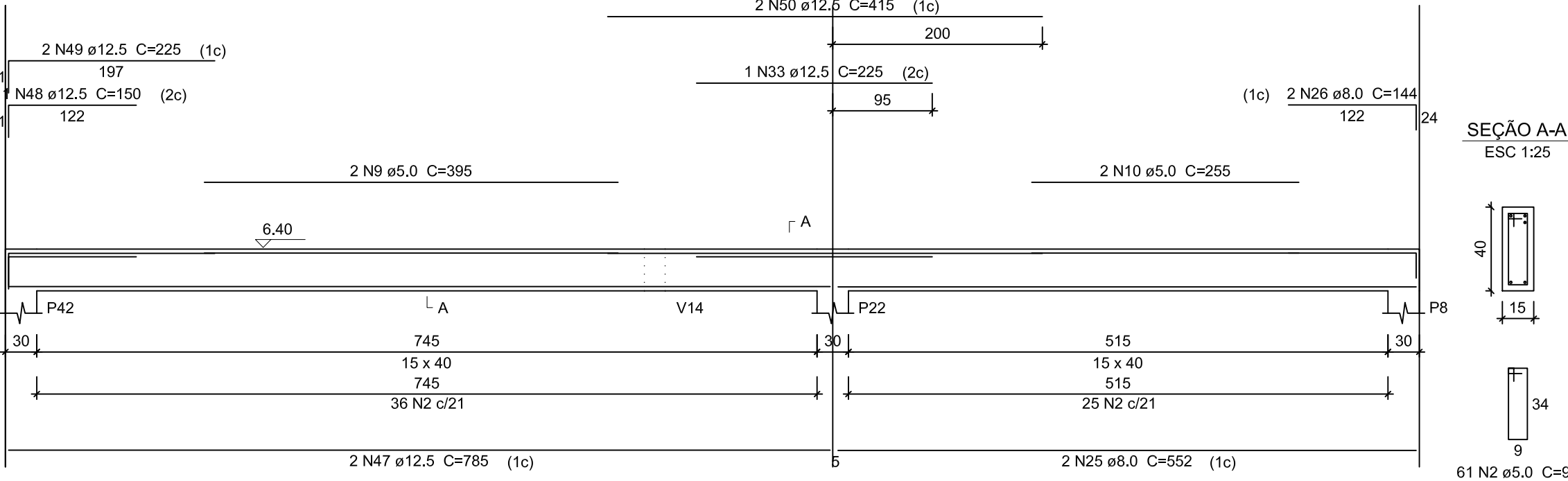
V33
ESC 1:50



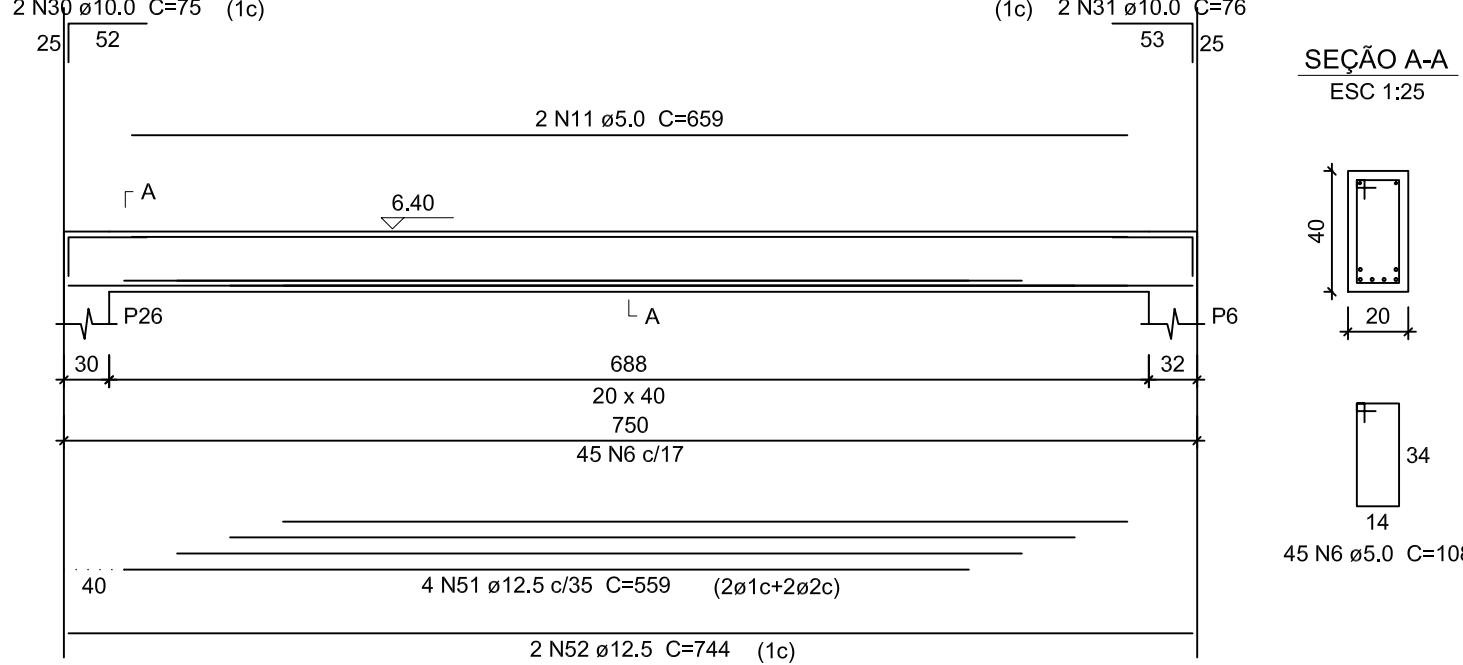
V35
ESC 1:50



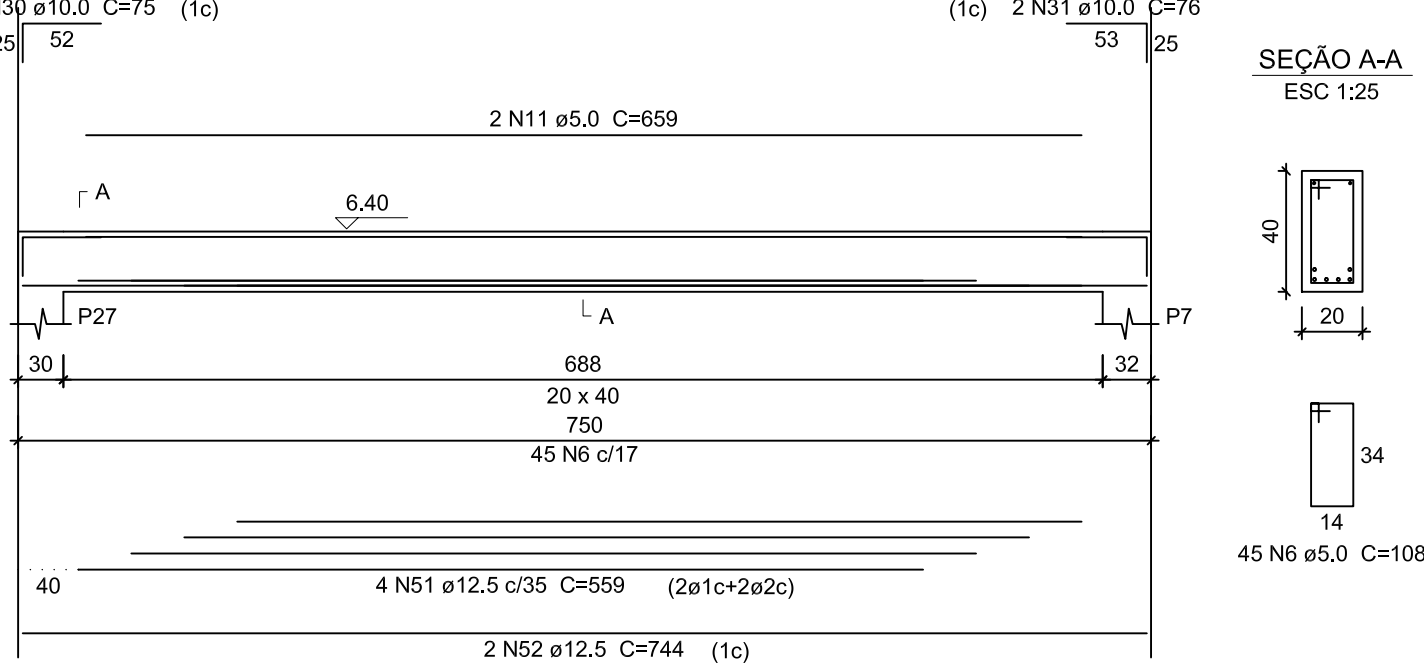
V37
ESC 1:50



V34
ESC 1:50



V36
ESC 1:50



Relação do aço

ACO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	108	78	8424
	2	5.0	113	98	11074
	3	5.0	2	300	600
	4	5.0	42	88	3696
	5	5.0	2	390	780
	6	5.0	140	108	15120
	7	5.0	2	315	630
	8	5.0	76	106	8056
	9	5.0	4	395	1580
	10	5.0	2	255	510
CA50	11	5.0	4	659	2636
	12	8.0	2	1135	2270
	13	8.0	2	290	580
	14	8.0	2	1198	2396
	15	8.0	2	322	644
	16	8.0	2	224	448
	17	8.0	2	256	512
	18	8.0	4	624	2496
	19	8.0	2	184	368
	20	8.0	2	216	432
	21	8.0	2	347	694
	22	8.0	2	421	842
	23	8.0	2	59	118
	24	8.0	2	73	146
	25	8.0	2	552	1104
	26	8.0	2	144	288
	27	10.0	2	669	1338
	28	10.0	2	220	440
	29	10.0	2	70	140
	30	10.0	4	75	300
	31	10.0	4	76	304
	32	12.5	2	480	960
	33	12.5	2	225	450
	34	12.5	2	393	786
	35	12.5	2	656	1312
	36	12.5	1	355	355
	37	12.5	2	640	1280
	38	12.5	2	220	440
	39	12.5	2	458	916
	40	12.5	4	626	2504
	41	12.5	2	190	380
	42	12.5	1	166	166
	43	12.5	2	211	422
	44	12.5	1	365	365
	45	12.5	1	173	173
	46	12.5	2	238	476
	47	12.5	2	785	1570
	48	12.5	1	150	150
	49	12.5	2	225	450
	50	12.5	2	415	830
	51	12.5	8	559	4472
	52	12.5	4	744	2976

Resumo do aço

ACO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	133.4	57.9
	10.0	25.3	17.1
	12.5	214.4	227.1
CA60	5.0	531.1	90
PESO TOTAL (kg)			
CA50	302.1		
CA60	90		

Volume de concreto (C-30) = 5.61 m³
Área de forma = 80.81 m²

MUNICÍPIO DE ARAUCÁRIA
SECRETARIA MUNICIPAL DE OBRAS PÚBLICAS - SMOP

TÍTULO
EDIFICAÇÃO - VIGILÂNCIA SANITÁRIA - BLOCO 1

REFERÊNCIA
PROJETO ESTRUTURAL
VIGAS - COBERTURA

REQUERENTE
PREFEITURA DO MUNICÍPIO DE ARAUCÁRIA

RESPOSTA TÉCNICA PELO PROJETO
FABIO ALCEU FERNANDES
CREA PR 73.222/D

MODIFICADO EM
LOCAL QUADRA LOTE ESCALA DESENHO DATA FOLHA
OLÍMPICO INDICADA OUT/15 07/11

