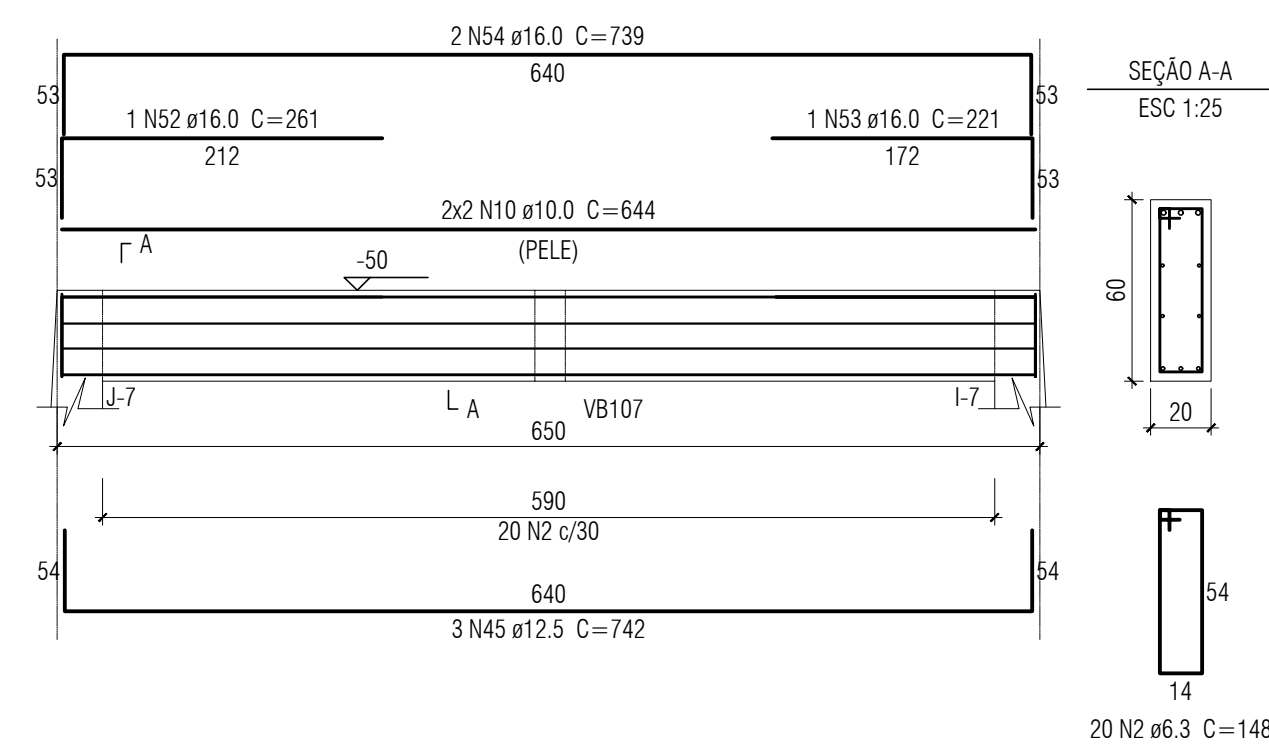


ARMAÇÃO DAS VIGAS BALDRAME 2/7

ESC.: INDICADA

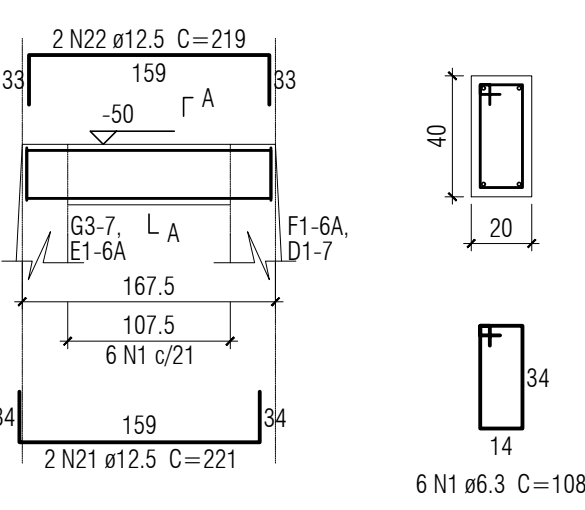
VB21 (20 x 60)

ESC 1:50



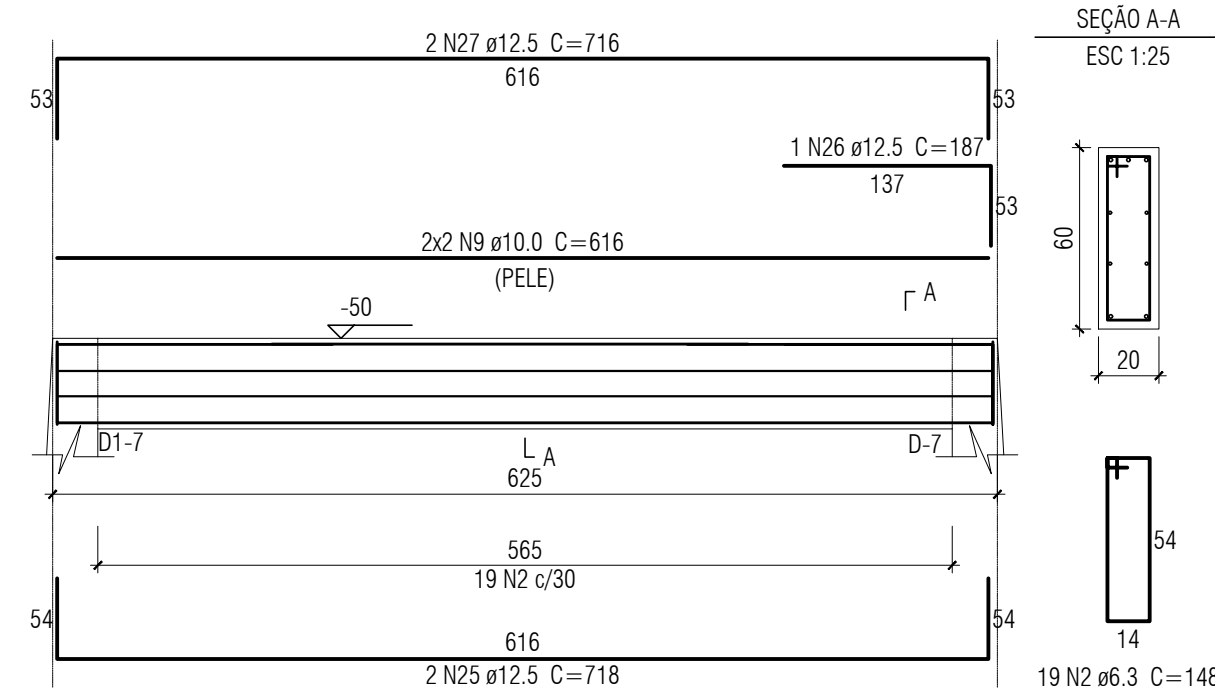
VB22=VB25 (20 x 40)

ESC 1:50



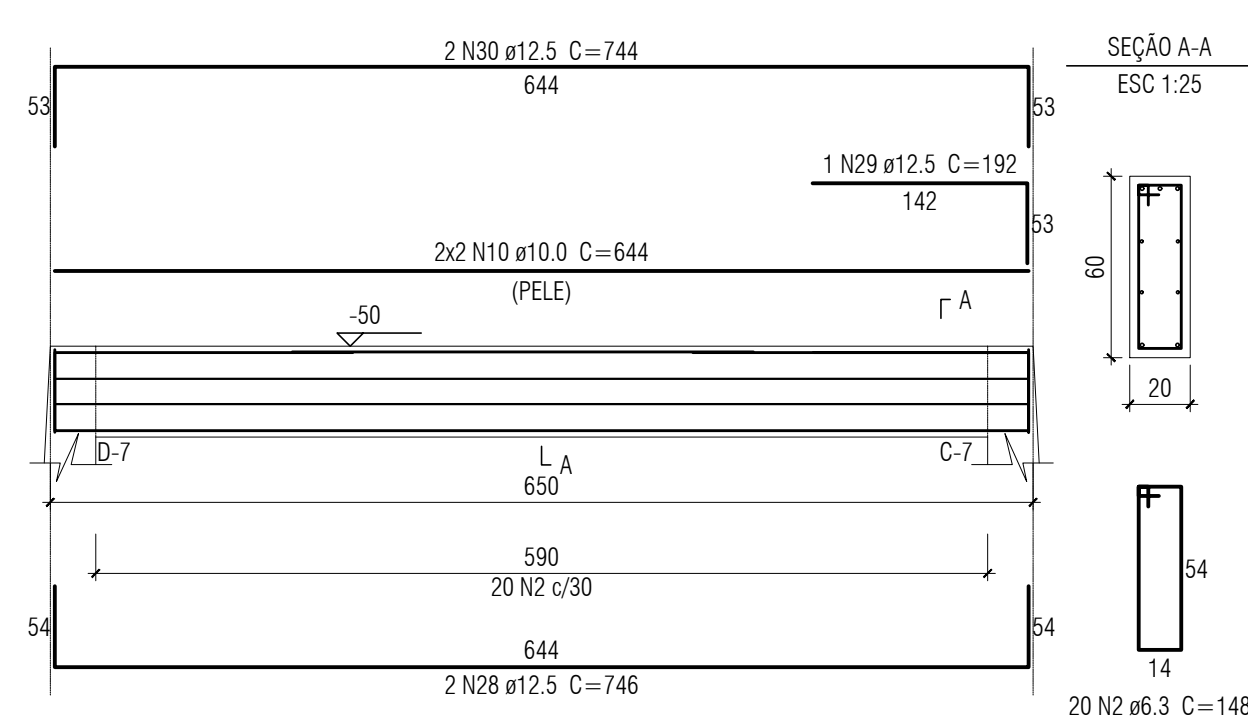
VB26 (20 x 60)

ESC 1:50



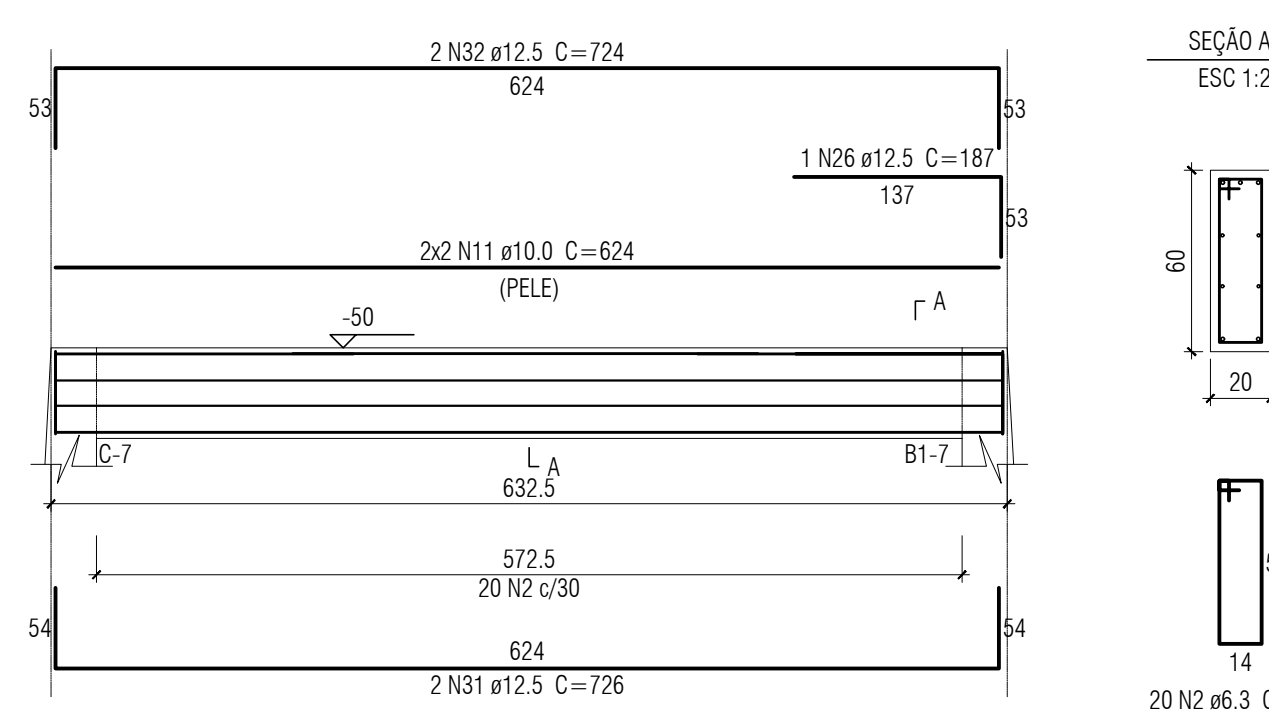
VB27 (20 x 60)

ESC 1:50



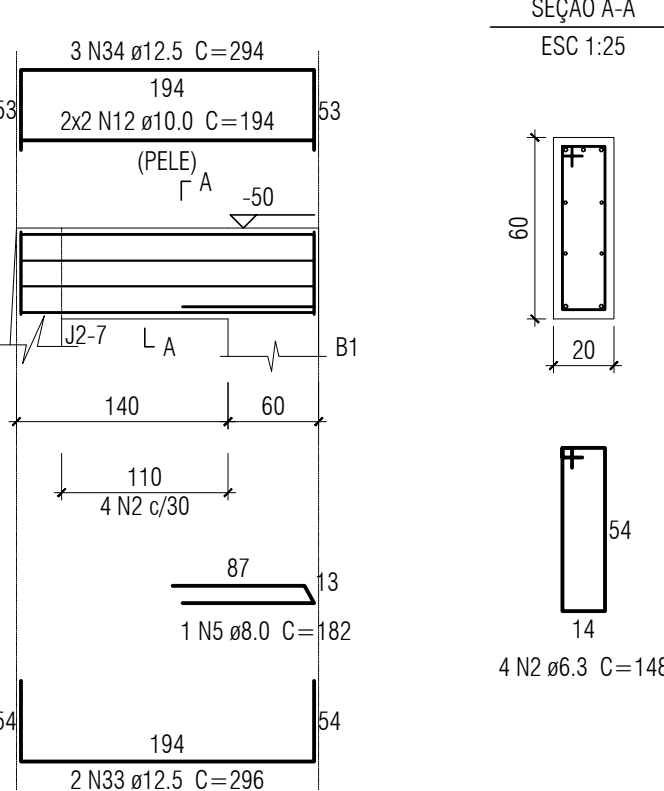
VB28 (20 x 60)

ESC 1:50



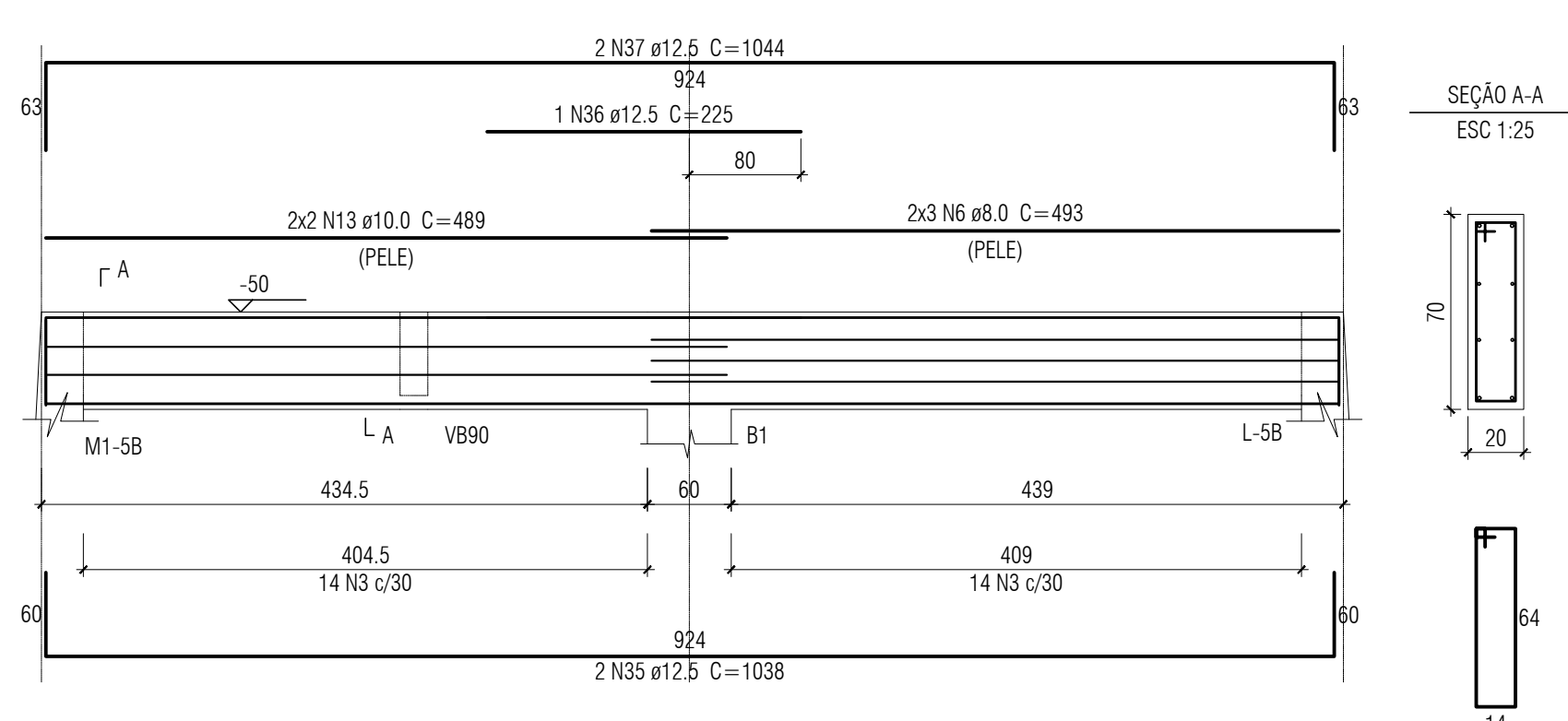
VB29 (20 x 60)

ESC 1:50



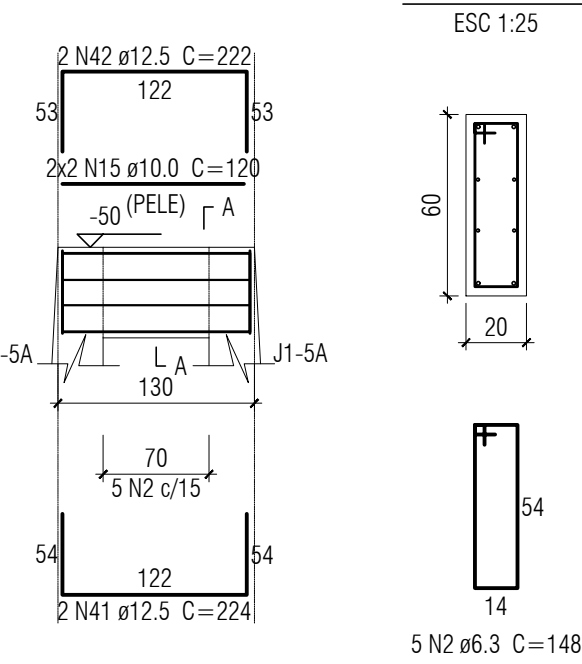
VB30 (20 x 70)

ESC 1:50



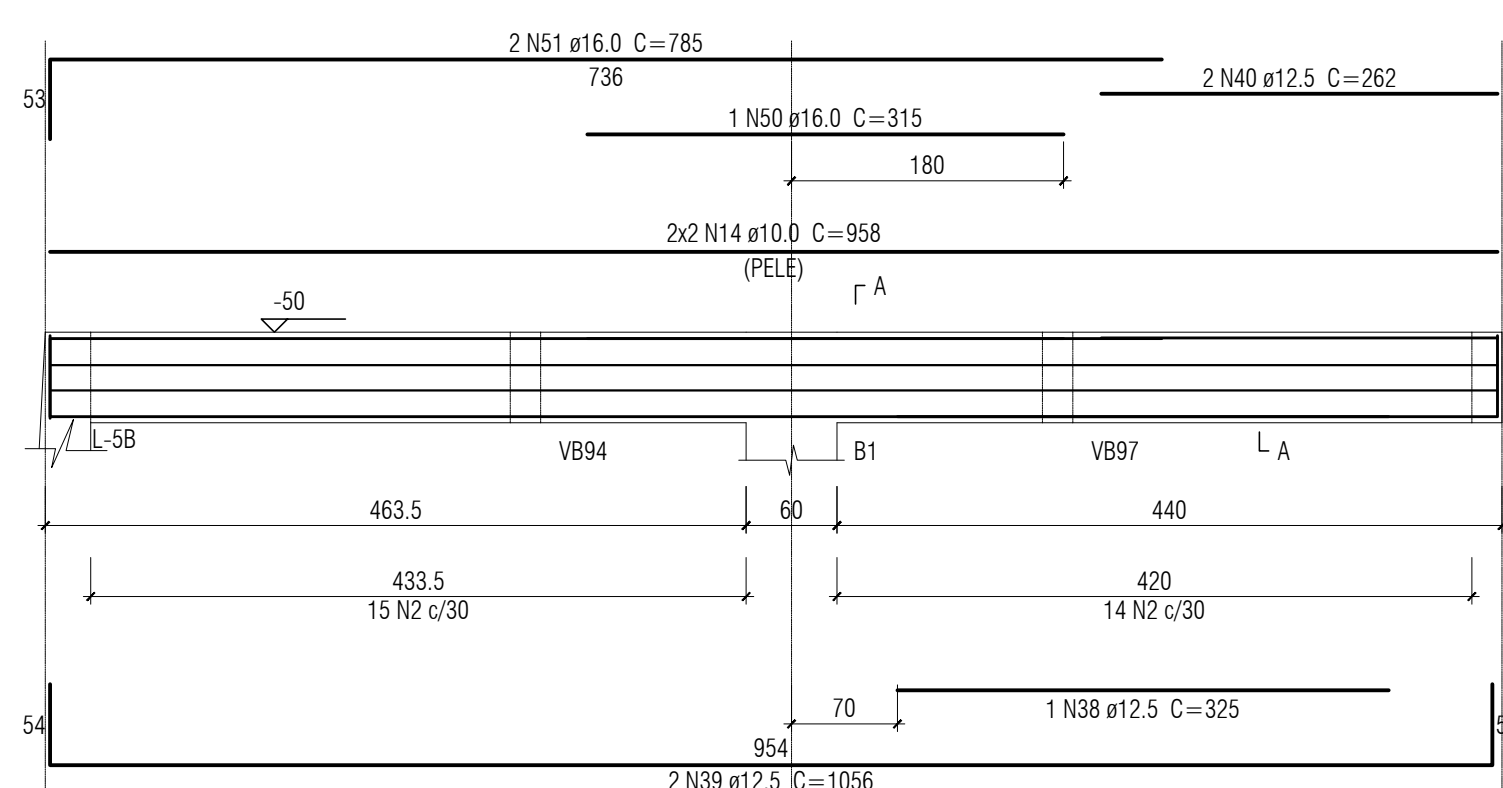
VB32 (20 x 60)

ESC 1:50



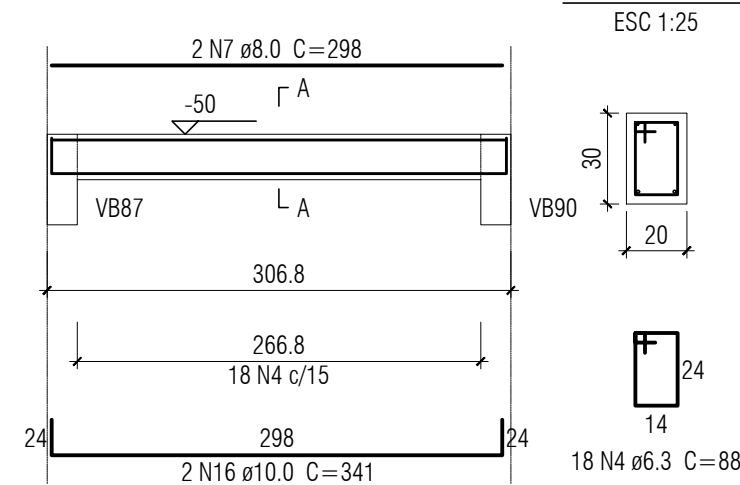
VB31 (20 x 60)

ESC 1:50



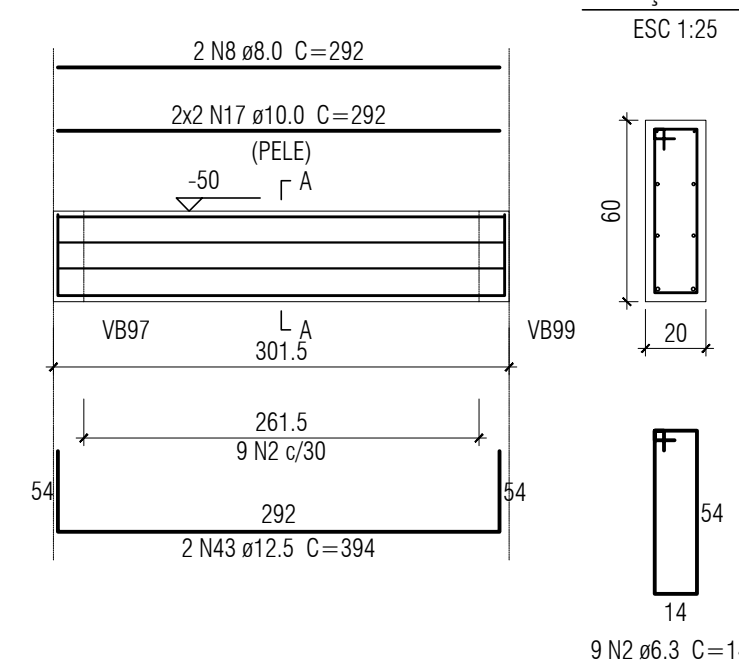
VB33 (20 x 30)

ESC 1:50



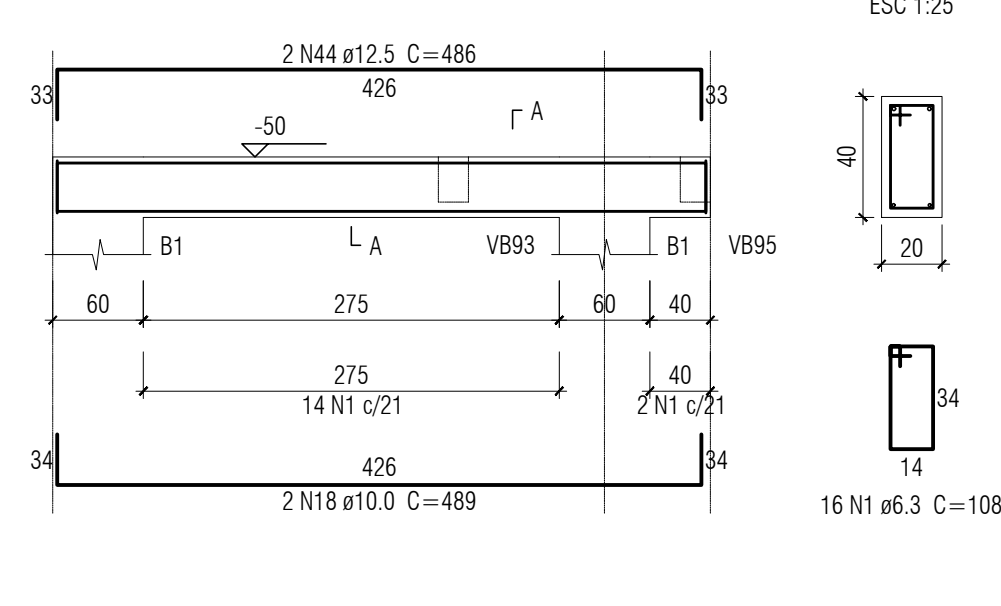
VB34 (20 x 60)

ESC 1:50



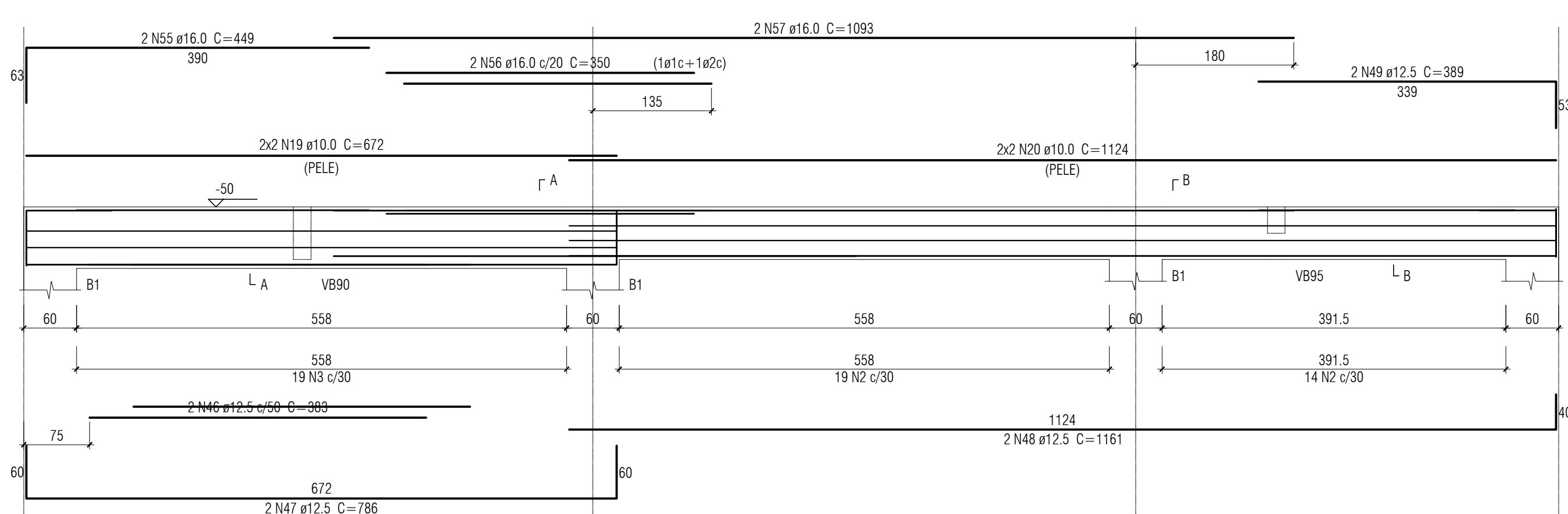
VB35 (20 x 40)

ESC 1:50



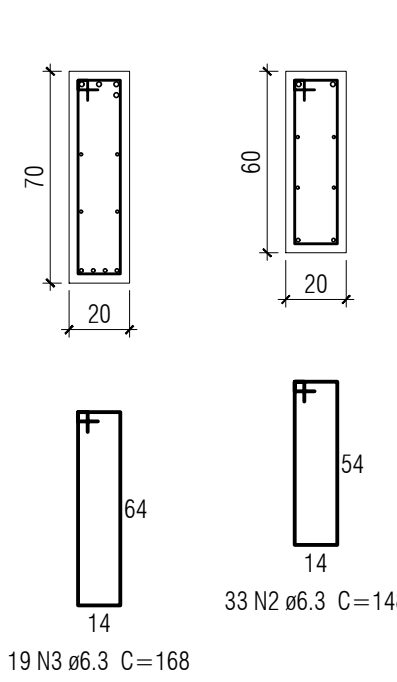
VB36 (var)

ESC 1:50



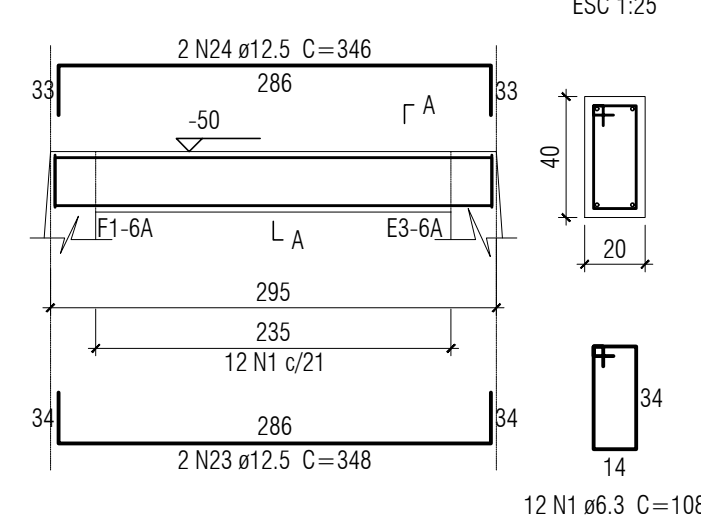
VB23 = VB24 (20 x 40)

ESC 1:50



VB23 = VB24 (20 x 40)

ESC 1:50

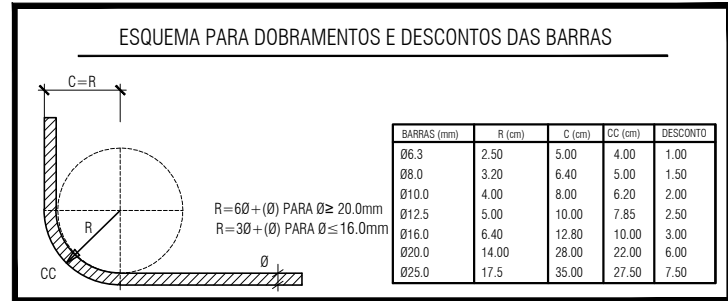


Relação do aço

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CASO	1	6.3	52	108	5616
	2	6.3	159	148	23532
	3	6.3	47	168	7896
	4	6.3	16	88	1584
	5	8.0	1	182	182
	6	8.0	6	493	2958
	7	8.0	2	298	596
	8	8.0	2	292	584
	9	10.0	4	616	2464
	10	10.0	8	644	5152
	11	10.0	4	624	2496
	12	10.0	4	194	776
	13	10.0	4	489	1956
	14	10.0	4	958	3832
	15	10.0	4	120	480
	16	10.0	2	341	682
	17	10.0	4	292	1168
	18	10.0	2	489	978
	19	10.0	4	672	2688
	20	10.0	4	1124	4496
	21	12.5	4	271	884
	22	12.5	4	219	876
	23	12.5	4	348	1392
	24	12.5	4	346	1384
	25	12.5	2	718	1436
	26	12.5	2	187	374
	27	12.5	2	716	1432
	28	12.5	2	746	1492
	29	12.5	1	192	192
	30	12.5	2	744	1488
	31	12.5	2	726	1452
	32	12.5	2	724	1448
	33	12.5	2	296	592
	34	12.5	3	294	882
	35	12.5	2	1038	2076
	36	12.5	1	225	225
	37	12.5	2	1044	2088
	38	12.5	1	325	325
	39	12.5	2	1056	2112
	40	12.5	2	262	524
	41	12.5	2	224	448
	42	12.5	2	222	444
	43	12.5	2	394	788
	44	12.5	2	486	972
	45	12.5	3	742	2226
	46	12.5	2	383	766
	47	12.5	2	786	1572
	48	12.5	2	1161	2322
	49	12.5	2	389	778
	50	16.0	1	315	315
	51	16.0	2	782	1570
	52	16.0	1	261	261
	53	16.0	1	221	221
	54	16.0	2	739	1478
	55	16.0	2	449	898
	56	16.0	2	350	700
	57	16.0	2	1093	2186

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CASO	6.3	386.3	104
	8.0	43.2	18.8
	10.0	271.7	184.3
	12.5	329.9	349.6
	16.0	76.3	132.5
PESO TOTAL (kg)			
CASO			789



NOTAS

- 1- MEDIDAS EM cm, NÍVEIS EM m
- 2- COBRIMENTO: 3,0cm. (usar espaçadores)
- 3- AÇO CA-50 fyk=500 MPa, CA-60 fyk=600 MPa
- 4- lck = 25 MPa
- 5- CONFERIR MEDIDAS NA OBRA
- 6- NÃO TOMAR MEDIDAS EM ESCALA

PREFEITURA DO MUNICÍPIO DE ITAPEVI

SECRETARIA DE INFRAESTRUTURA E SERVIÇOS URBANOS



TÍTULO: UNIDADE ESCOLAR

PROJETO: CONSTRUÇÃO DE ESCOLA

OBRA: ESCOLA DE TEMPO INTEGRAL VALE DO SOL

LOCAL DO IMÓVEL: RODOVIA ENGENHEIRO RENÉ BENEDITO DA SILVA, S/N, VALE DO SOL

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE ITAPEVI

Marcos de Oliveira Anjos
Secretário de Infraestrutura e Serviços Urbanos
Prefeitura Municipal de Itapevi
CNPJ nº 46.563.031/0001-28

Responsável técnico
Eng.º Fábio das Virgens Junior
CREA nº 5070331130

ASSUNTO: ARMAÇÃO DAS VIGAS BALDRAME 2/7

PROJETO	INDICADA	TIPO DE PROJETO
DATA	MAR/2023	ESTRUTURA
DESENHISTA	REVISÃO	BÁSICO
03/03/2023	00	

08/17