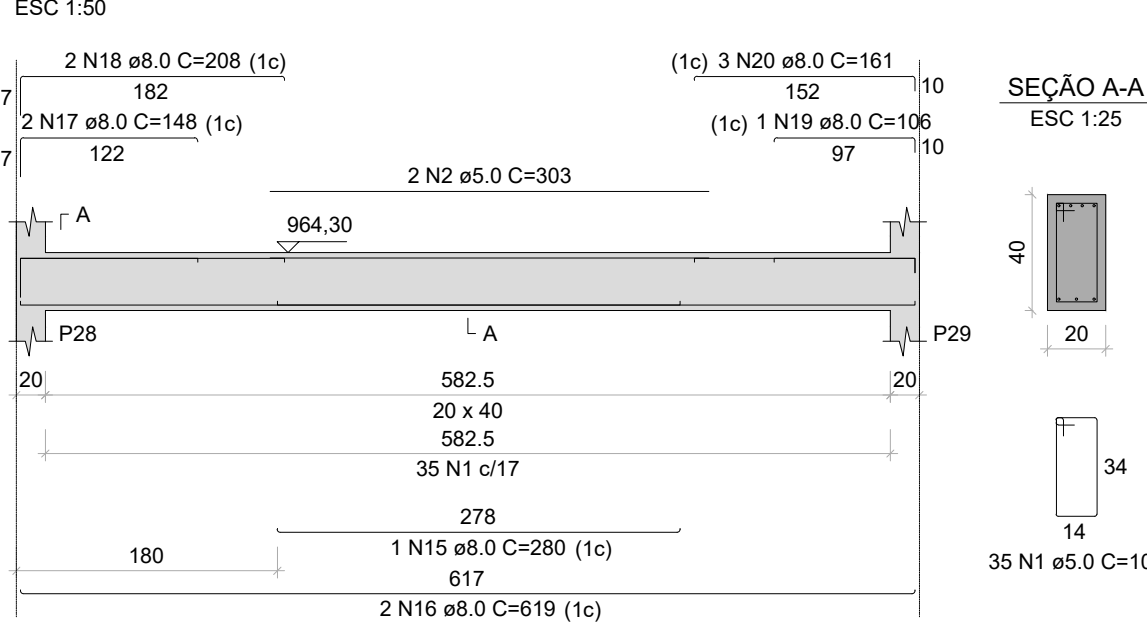
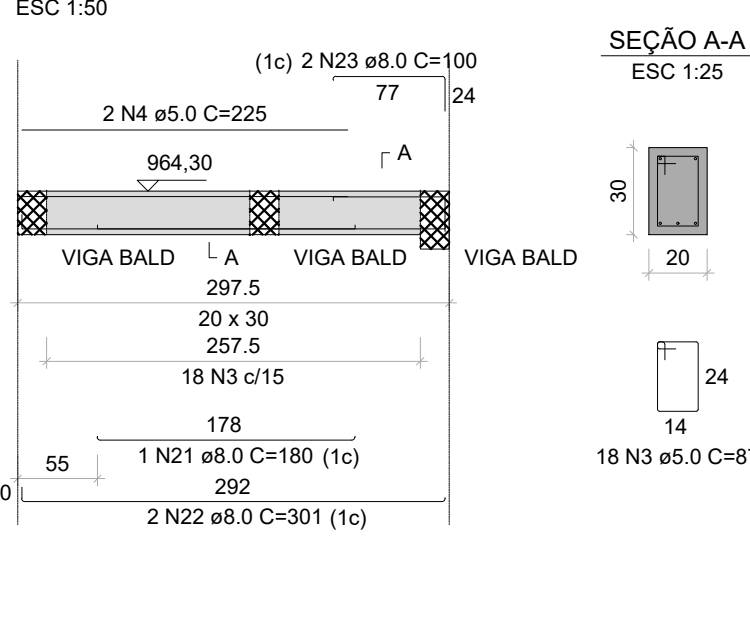


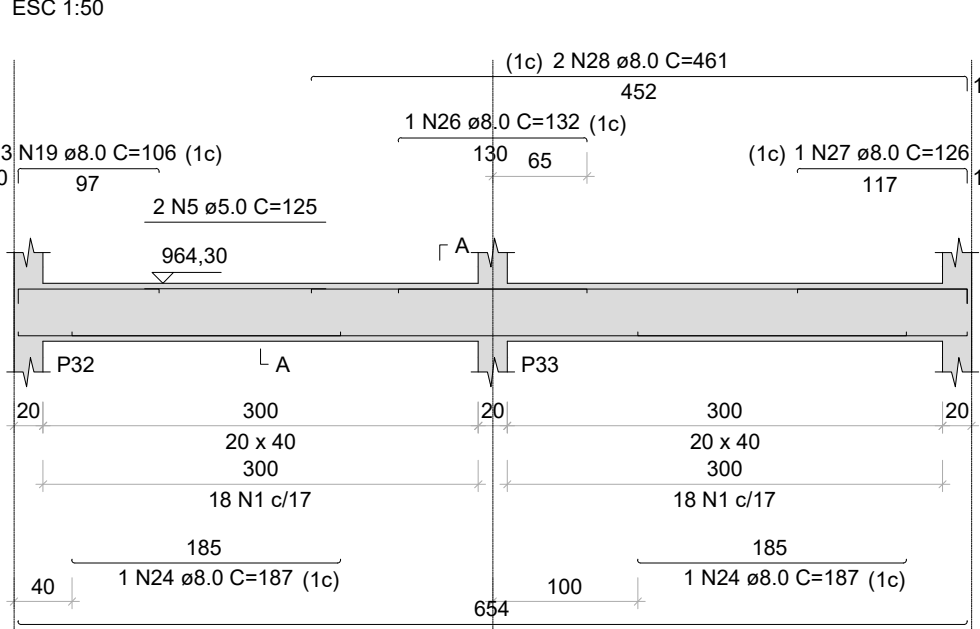
VIGA BALDRAME15



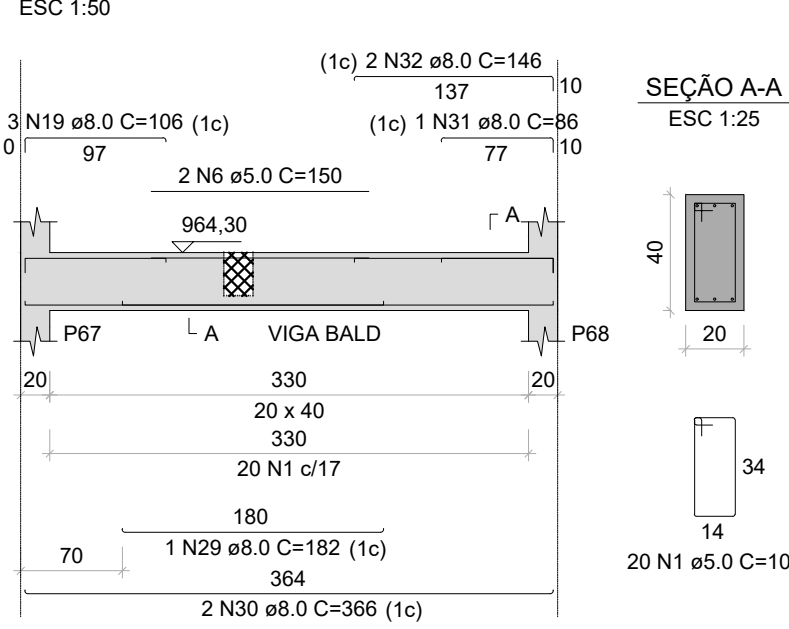
VIGA BALDRAME16



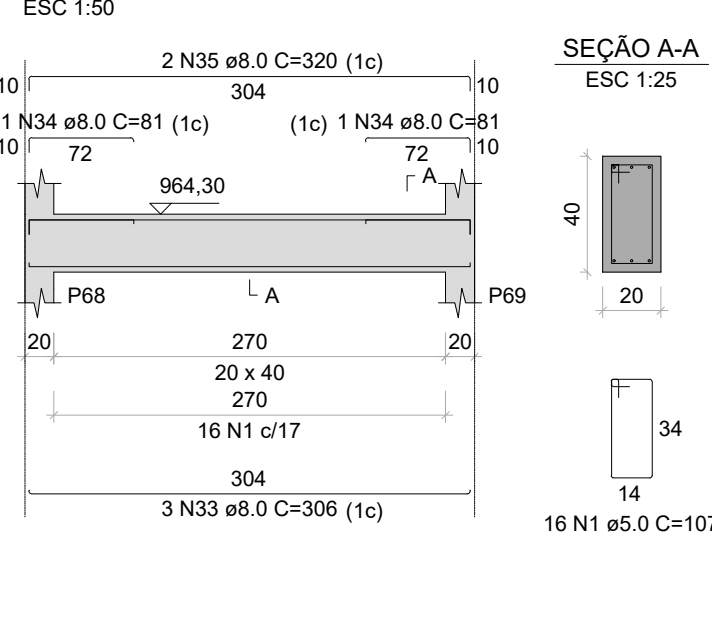
VIGA BALDRAME17



VIGA BALDRAME18



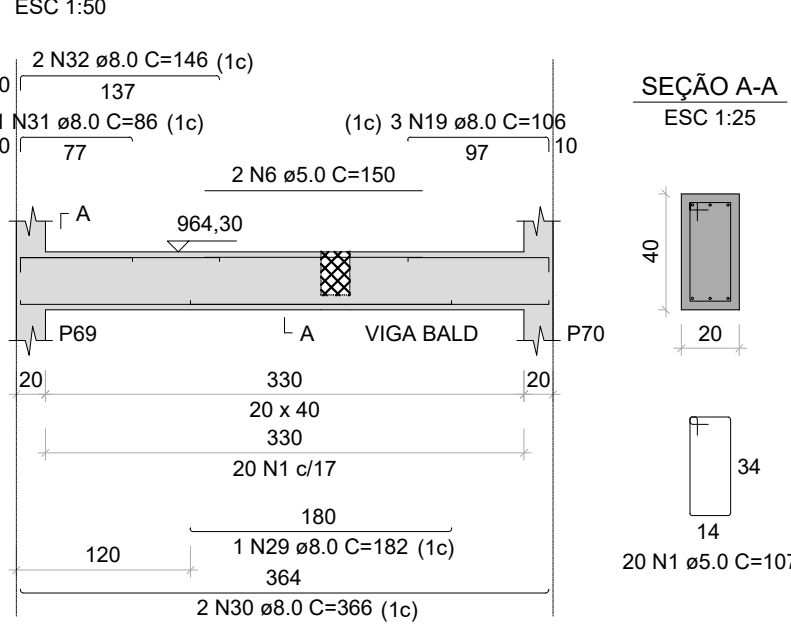
VIGA BALDRAME19



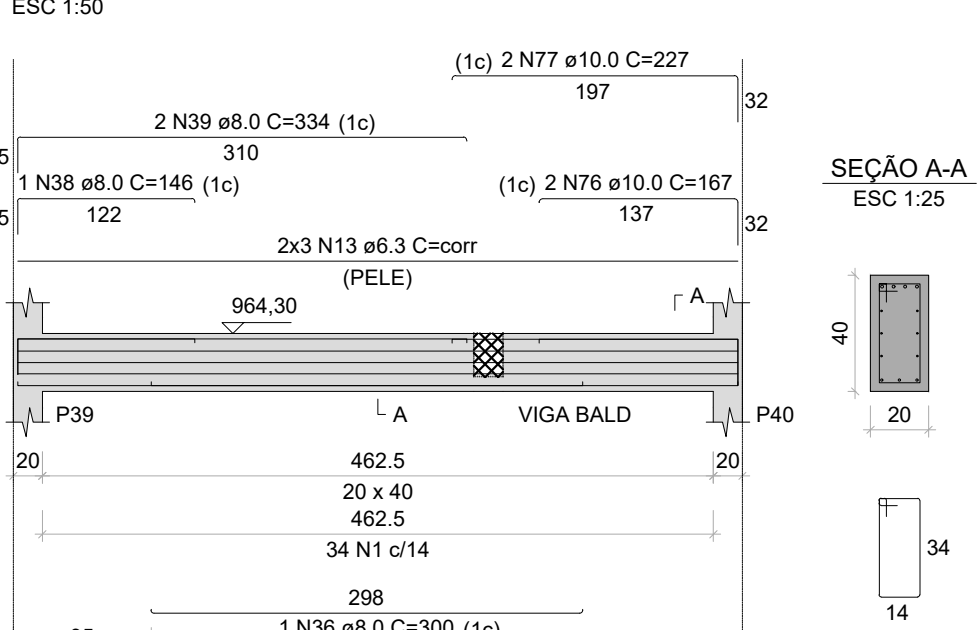
RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA80	1	5.0	539	107	57673
	2	5.0	4	303	1212
	3	5.0	45	87	3915
	4	5.0	2	225	450
	5	5.0	2	125	250
	6	5.0	6	150	900
	7	5.0	4	228	912
	8	5.0	2	183	366
	9	5.0	4	170	680
	10	5.0	2	303	606
	11	5.0	2	208	416
	12	5.0	2	128	256
	13	6.3	6	corr	2982
	14	6.3	6	corr	2622
	15	8.0	2	290	580
	16	8.0	4	619	2476
	17	8.0	2	148	296
	18	8.0	2	208	416
	19	8.0	13	106	1378
	20	8.0	8	161	1288
	21	8.0	2	180	360
	22	8.0	2	301	602
	23	8.0	2	100	200
	24	8.0	2	187	374
	25	8.0	6	656	3936
	26	8.0	3	132	396
	27	8.0	3	126	1008
	28	8.0	2	461	922
	29	8.0	2	182	364
	30	8.0	6	366	2196
	31	8.0	3	86	258
	32	8.0	10	146	1460
	33	8.0	3	306	918
	34	8.0	7	81	567
	35	8.0	2	320	640
	36	8.0	1	300	300
	37	8.0	4	499	1996
	38	8.0	1	146	146
	39	8.0	2	334	668
	40	8.0	2	215	215
	41	8.0	1	77	77
	42	8.0	2	609	1218
	43	8.0	4	151	604
	44	8.0	2	349	698
	45	8.0	1	99	99
	46	8.0	3	159	477
	47	8.0	2	115	230
	48	8.0	1	225	225
	49	8.0	1	197	197
	50	8.0	2	839	1678
	51	8.0	2	282	564
	52	8.0	2	162	324
	53	8.0	2	142	284
	54	8.0	2	670	1340
	55	8.0	1	207	207
	56	8.0	1	212	212
	57	8.0	2	836	1672
	58	8.0	2	252	504
	59	8.0	1	285	285
	60	8.0	2	599	1198
	61	8.0	3	141	423
	62	8.0	2	147	294
	63	8.0	2	207	414
	64	8.0	2	152	304
	65	8.0	2	126	252
	66	8.0	2	395	790
	67	8.0	1	167	167
	68	8.0	2	685	1370
	69	8.0	2	147	294
	70	8.0	2	207	414
	71	8.0	2	240	480
	72	8.0	4	529	2116
	73	8.0	2	171	342
	74	8.0	2	191	382
	75	8.0	2	166	332
	76	10.0	2	167	334
	77	10.0	2	227	454
	78	10.0	2	299	598
	79	10.0	2	188	376
	80	12.5	2	437	874
	81	12.5	2	275	550

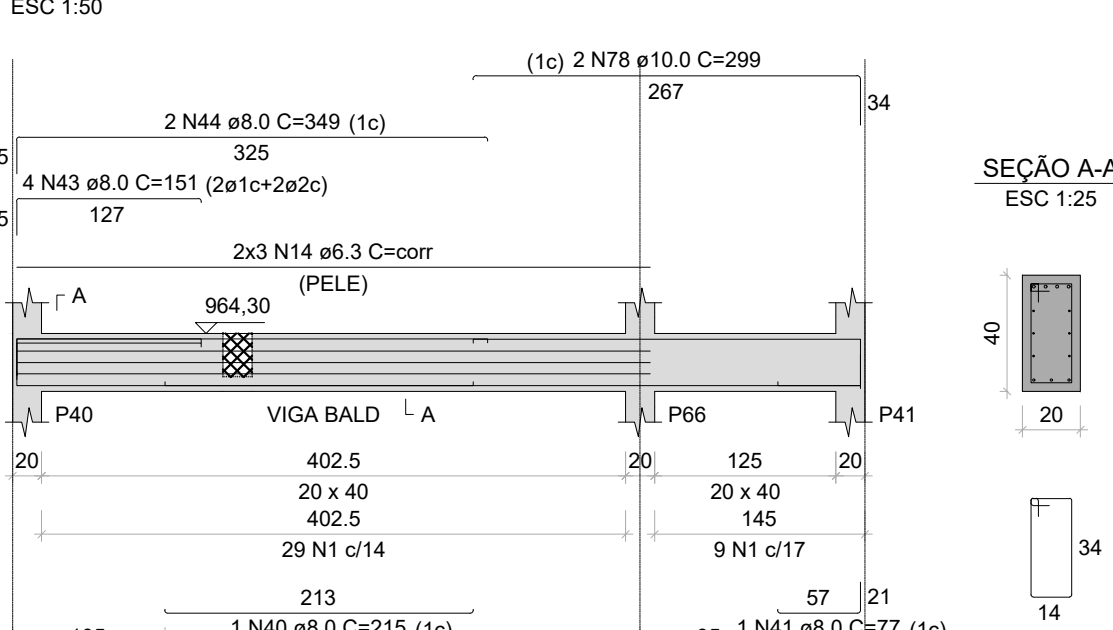
VIGA BALDRAME20



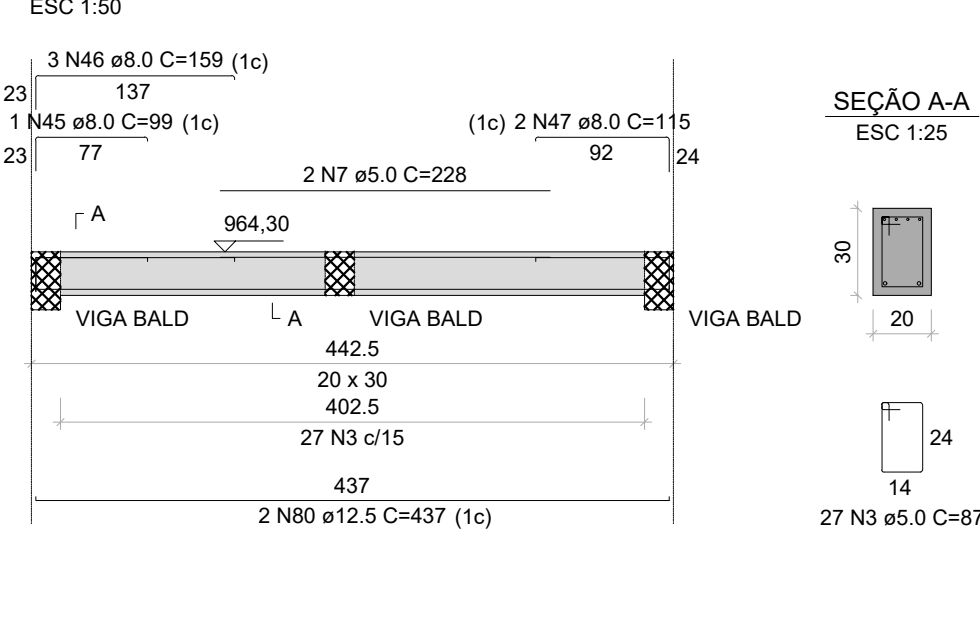
VIGA BALDRAME21



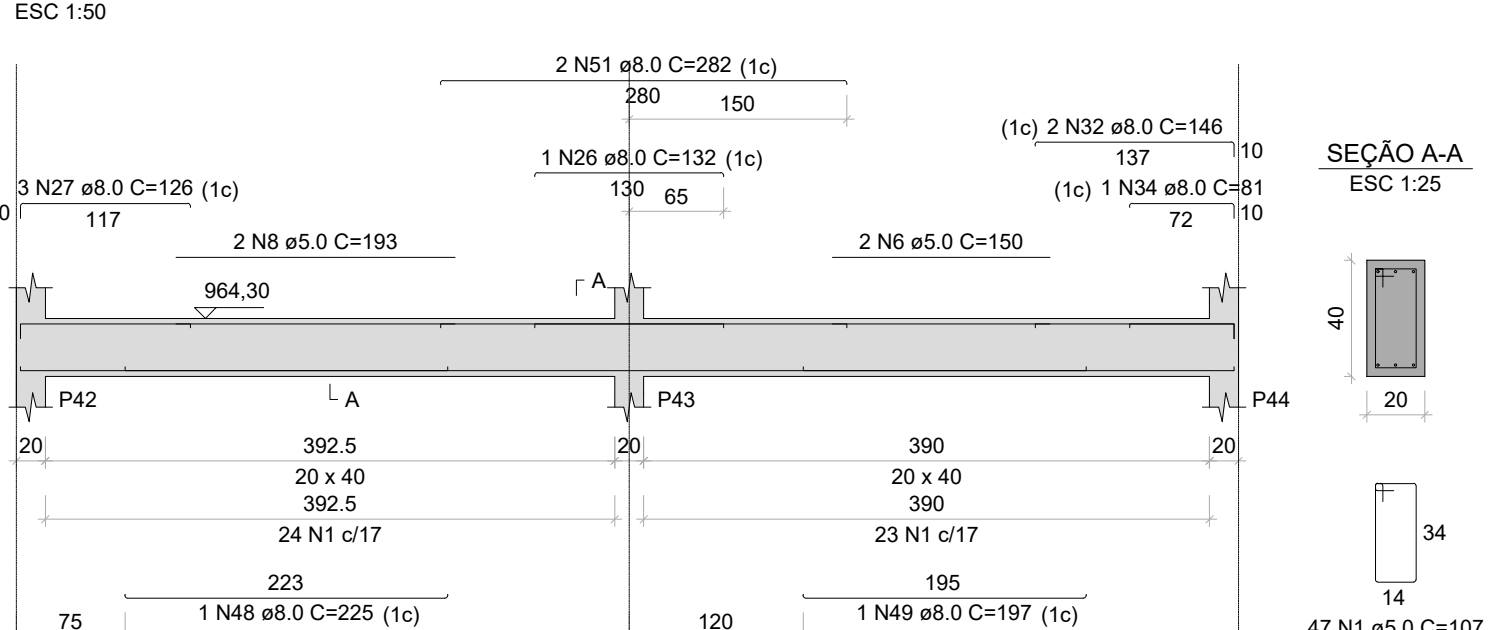
VIGA BALDRAME22



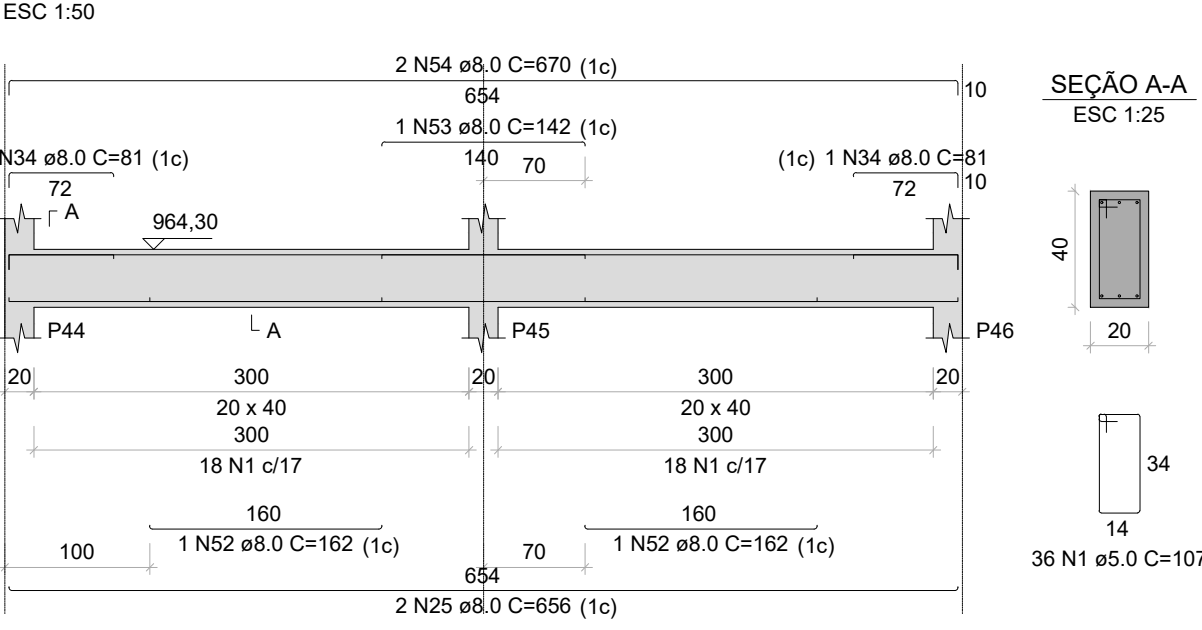
VIGA BALDRAME23



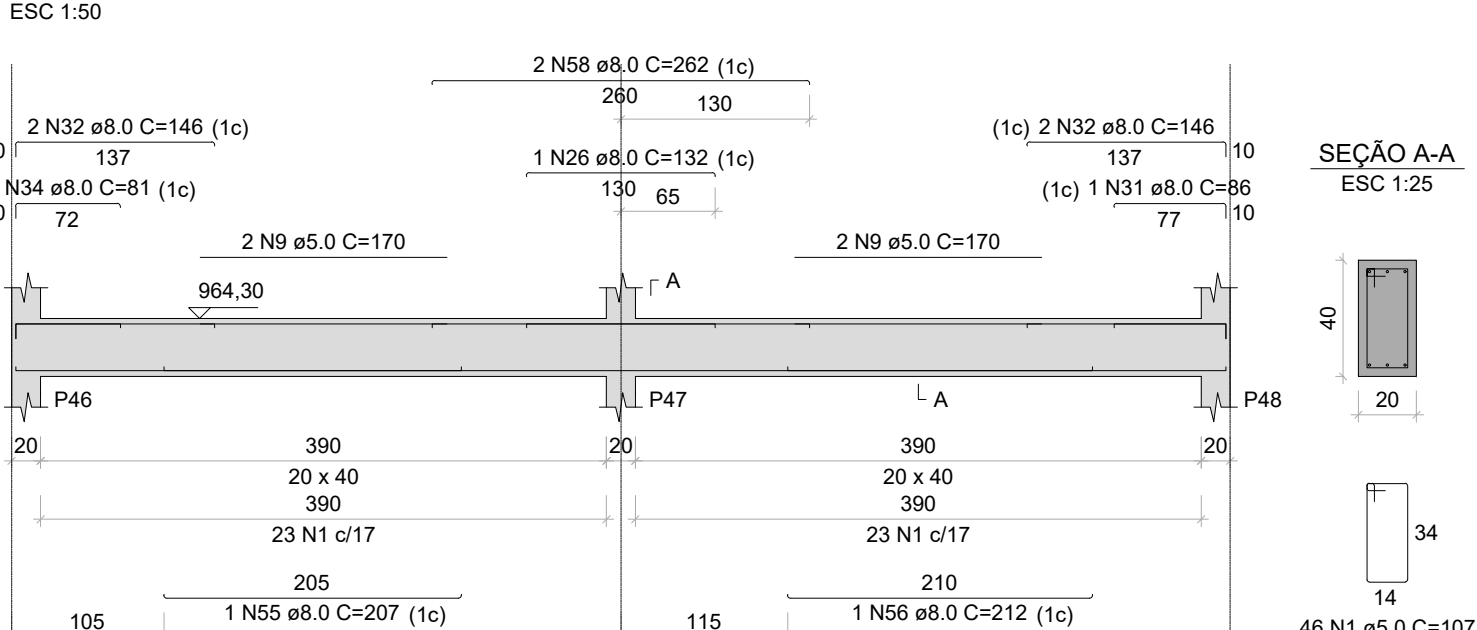
VIGA BALDRAME24



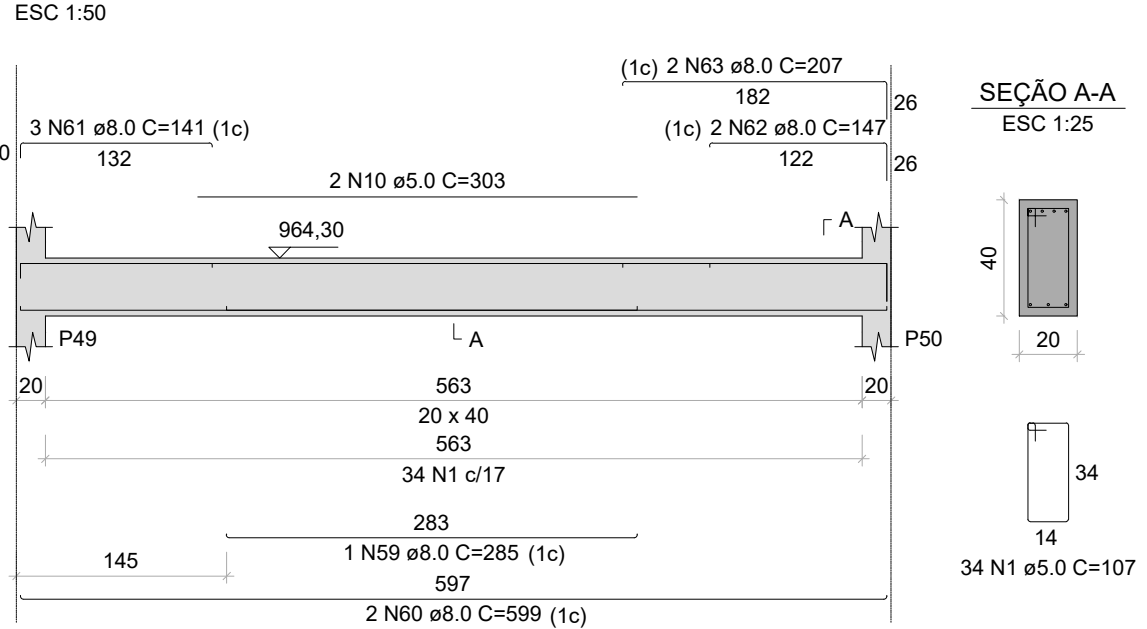
VIGA BALDRAME25



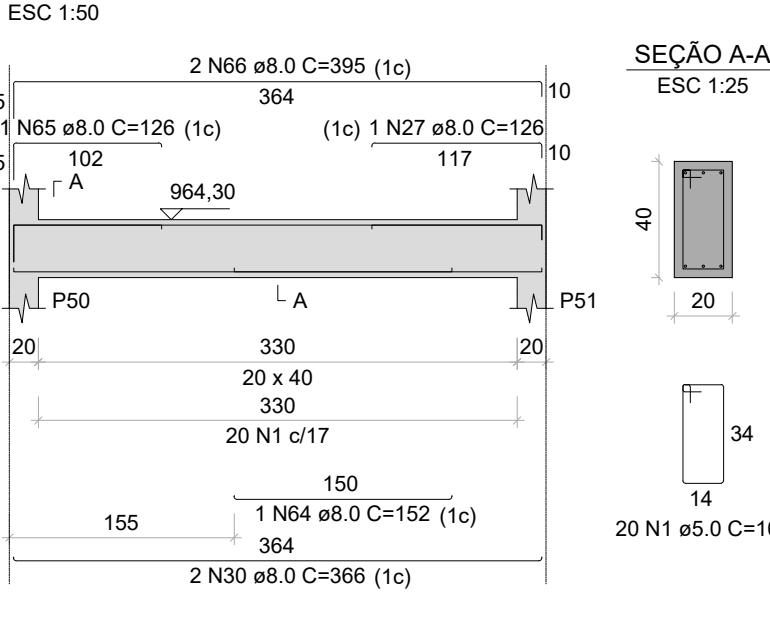
VIGA BALDRAME26



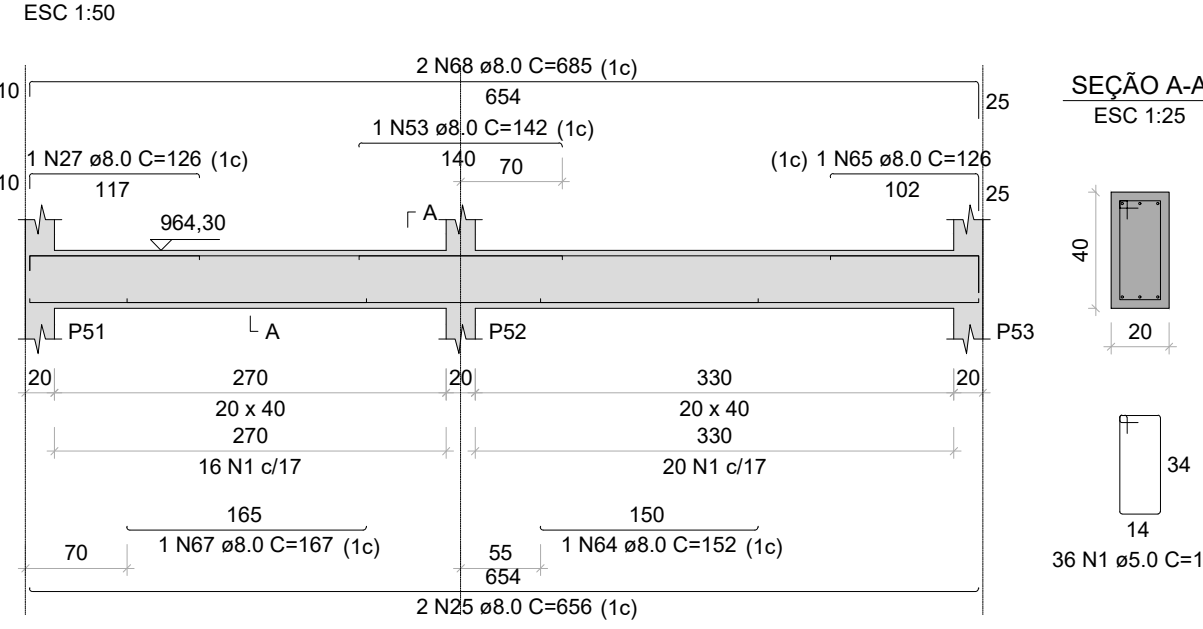
VIGA BALDRAME27



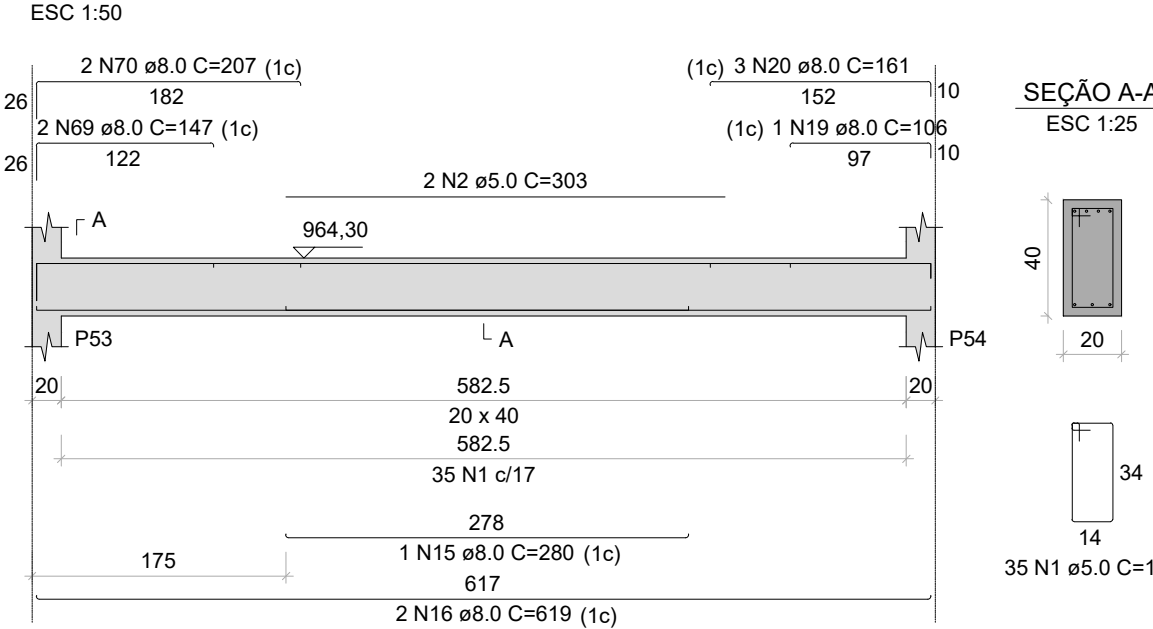
VIGA BALDRAME28



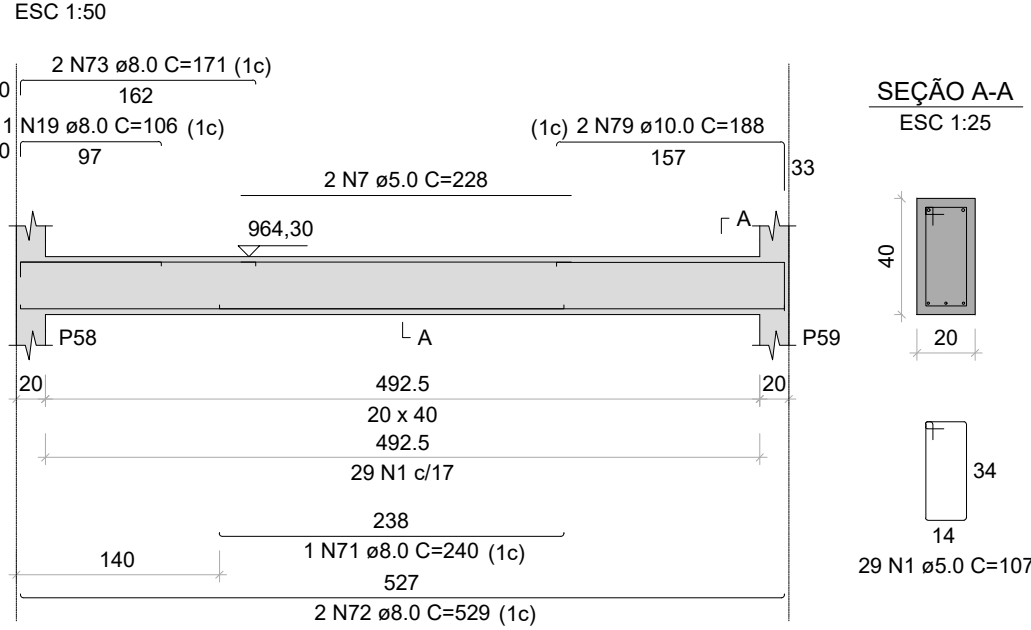
VIGA BALDRAME29



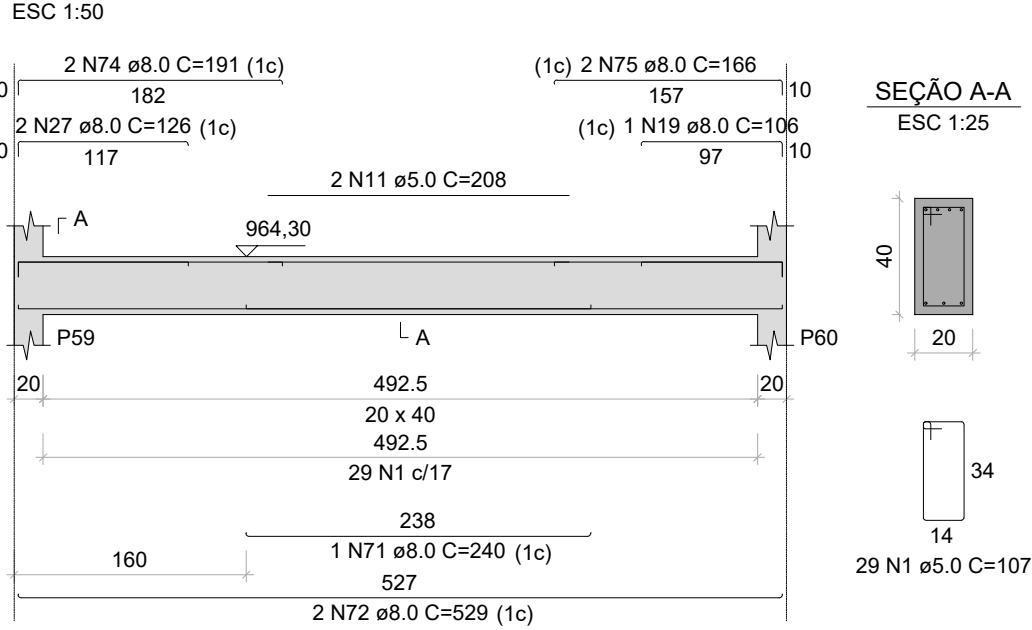
VIGA BALDRAME30



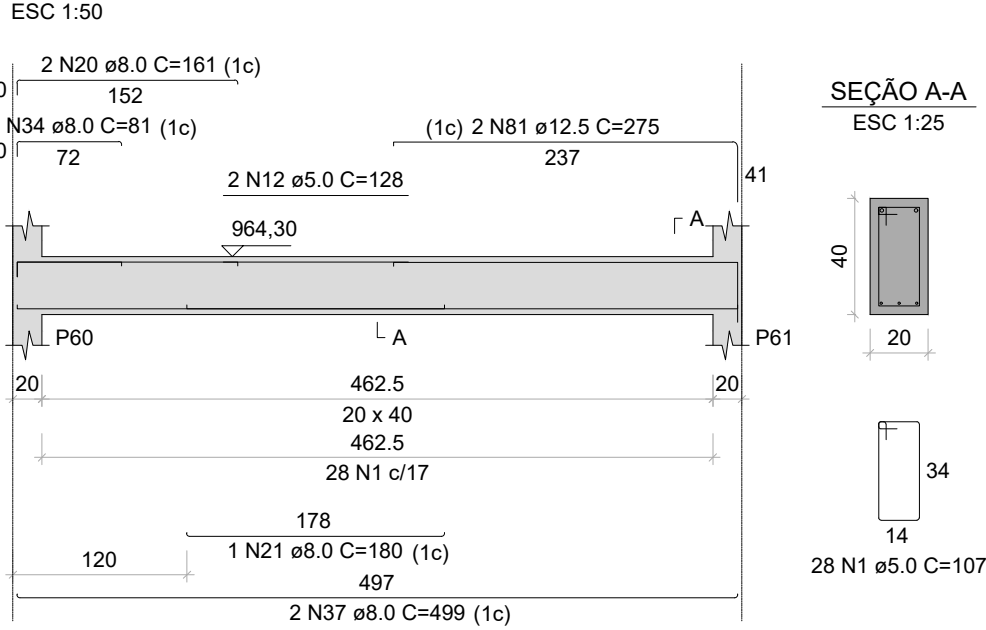
VIGA BALDRAME31



VIGA BALDRAME32



VIGA BALDRAME33



RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	56	15.1
	8.0	444.3	192.8
	10.0	17.6	11.9
	12.5	14.2	15.1
CA80	5.0	876.6	114.7
PESO TOTAL (kg)			
CA50		235	
CA80		114.7	

Volume de concreto fck 3.0kN/cm²(C-30) = 7.44 m³
Área de forma = 93.40 m²

06	21/11/22	REVISÃO CONFORME NOTA TÉCNICA	ATACIZIO
REVISÃO	DATA	DESCRIÇÃO	RESP.
EMPRESA	<div> <div> <div>MARKA</div> <div>ARQUITETURA E ENGENHARIA</div> </div> <div> <div>MARKA AROQUITETURA E ENGENHARIA LTDA</div> <div>RUA PROFESSOR ABEYARD, 279, SALA 9</div> <div>CENTRO, SETE LAGOAS/MG</div> <div>apio@markaprojetos.com.br</div> <div>(31) 3177-4235</div> <div>www.markaprojetos.com.br</div> </div> </div>		
EMPREENHIMENTO	- OBRA		
ESPECIALIDADE	ESTRUTURAL		
FASE DO PROJETO	EXECUTIVO		
RESPONSÁVEL PROJETO	JOSE ATACIZIO DA FE		
COORDENADOR PROJETO	KARINE NARDY		
PROJETISTA	JOSE ATACIZIO DA FE		
ASSUNTO	PROJETO DE ESTRUTURAS DE CONCRETO		
ESCALA	INDICADA	Nº FOLHA	
DATA	21/11/22		06
ARQUIVO	VIGAS BALDRAME BLOCO 01		