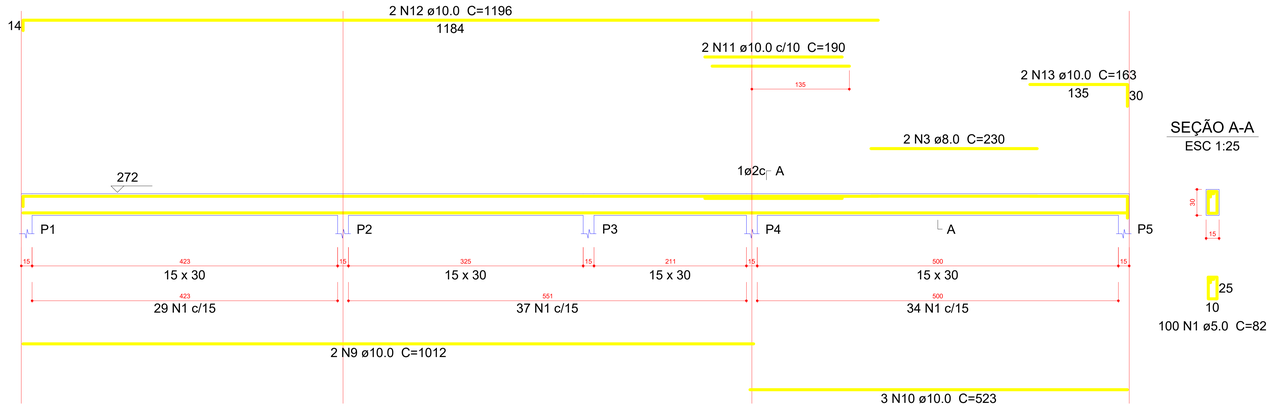
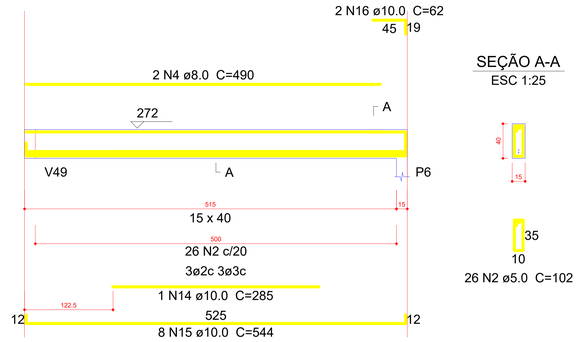
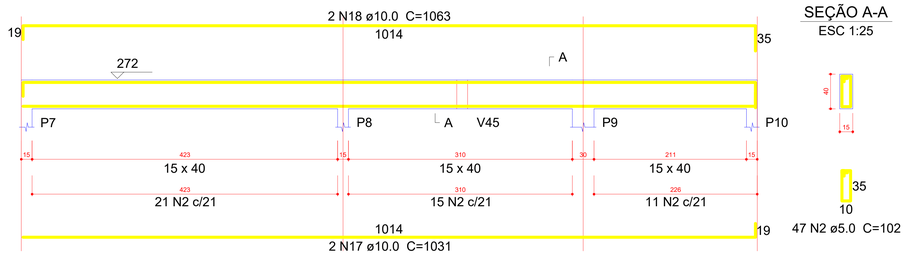
V26
ESC 1:30



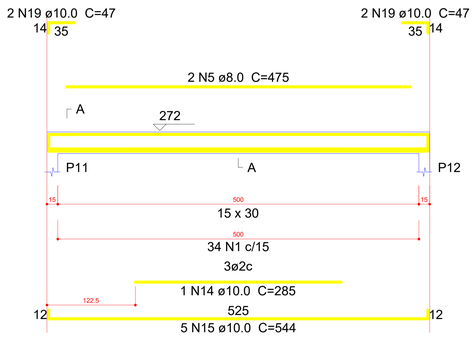
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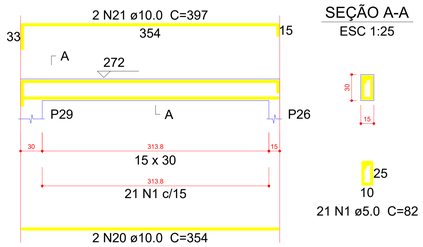
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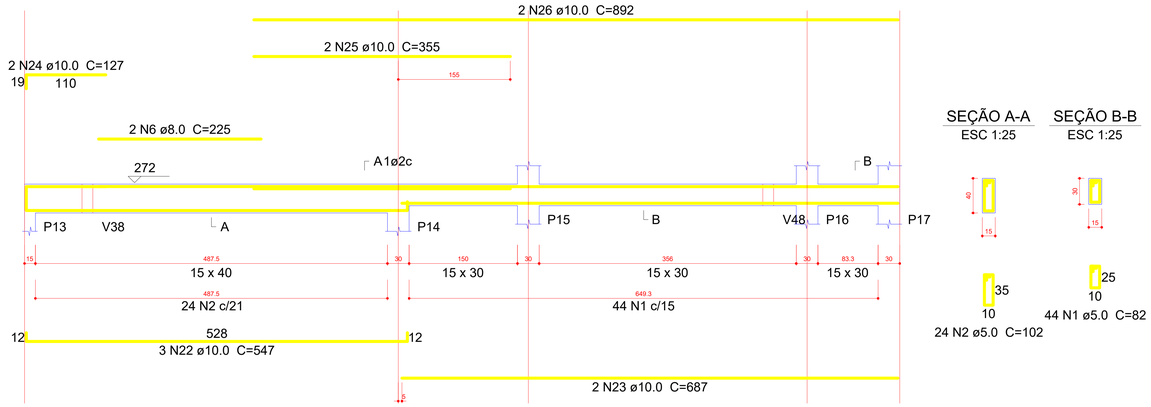
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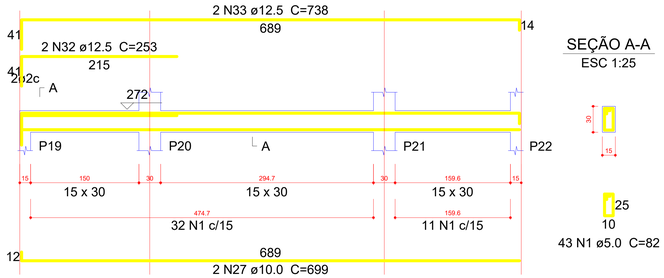
V39
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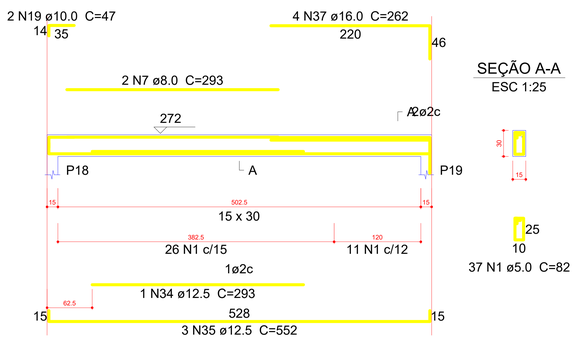
V30
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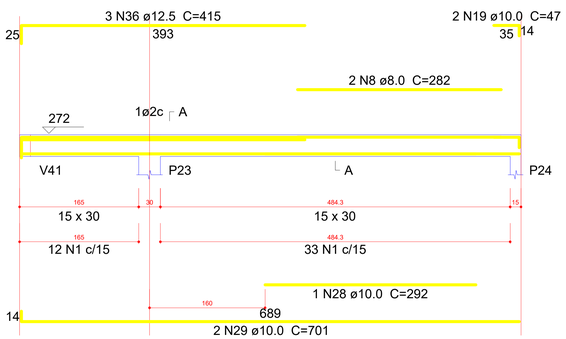
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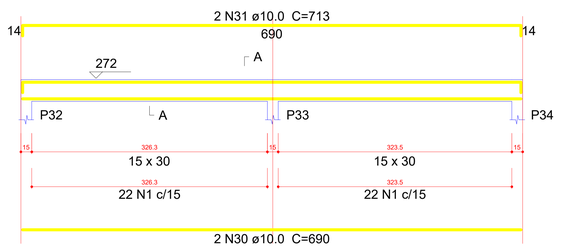
V32
ESC 1:30



V33
ESC 1:30



V36
ESC 1:30



Relação do aço

V26 V27 V28
V29 V30 V31
V32 V33 V36
V39

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	368	82	30176
	2	5.0	97	102	9894
CA50	3	8.0	2	230	460
	4	8.0	2	490	980
	5	8.0	2	475	950
	6	8.0	2	225	450
	7	8.0	2	293	586
	8	8.0	2	282	564
	9	10.0	2	1012	2024
	10	10.0	3	523	1569
	11	10.0	2	190	380
	12	10.0	2	1196	2392
	13	10.0	2	163	326
	14	10.0	2	285	570
	15	10.0	13	544	7072
	16	10.0	2	62	124
	17	10.0	2	1031	2062
	18	10.0	2	1063	2126
	19	10.0	8	47	376
	20	10.0	2	354	708
	21	10.0	2	397	794
	22	10.0	3	547	1641
	23	10.0	2	687	1374
	24	10.0	2	127	254
	25	10.0	2	355	710
	26	10.0	2	892	1784
	27	10.0	2	699	1398
	28	10.0	1	292	292
	29	10.0	2	701	1402
	30	10.0	2	690	1380
	31	10.0	2	713	1426
	32	12.5	2	253	506
	33	12.5	2	738	1476
	34	12.5	1	293	293
	35	12.5	3	552	1656
	36	12.5	3	415	1245
	37	16.0	4	262	1048

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10 % (Barras)
CA50	8.0	39.9	4
	10.0	321.9	30
	12.5	51.8	5
	16.0	10.5	1
CA60	5.0	400.7	37

PESO TOTAL (kg)	
CA50	308.6
CA60	67.9

Volume de concreto (C-30) = 3.82 m³
Área de forma = 62.63 m²

PROJETO ESTRUTURAL

LOCAL: Rua Clemildes Pereira Aroeira - Idelsa Borgo - Montanha - ES	OBRA: CONSTRUÇÃO DE ABRIGO INSTITUCIONAL PARA IDOSO	ESCALA: INDICADA
CONTEÚDO: PROJETO ESTRUTURAL	ÁREA: ÁREA CONSTRUÍDA: 304,08 m²	DATA: ABR/2026
USO: COMERCIAL / REVISÃO: RV00		FOLHA: 06/12
PROPRIETÁRIO: FUNDO MUNICIPAL DE ASSISTÊNCIA SOCIAL DE MONTANHA - ES CNPJ: 14.829.853/0001-45	RESPONSÁVEL TÉCNICO: DAVI GRASSI:13352797765 DAVI GRASSI ENGENHEIRO CIVIL - CREA-ES: 0048103/D	APICE