

Relação do aço

V16	V17	V18
V19	V20	V21
V22	V23	V24
V25	V26	V27
V28	V29	V30
V32	V33	V34
V35	V36	

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	626	68	42568
CA50	2	5.0	32	162	5184
	3	6.3	16	383	6128
	4	6.3	6	88	528
	5	6.3	6	76	456
	6	8.0	6	418	2508
	7	8.0	12	446	5352
	8	8.0	2	306	612
	9	8.0	2	326	652
	10	8.0	4	366	1464
	11	8.0	4	386	1544
	12	8.0	2	374	748
	13	8.0	2	287	574
	14	8.0	2	337	674
	15	8.0	4	399	1596
	16	8.0	2	427	854
	17	8.0	6	433	2598
	18	8.0	6	426	2556
	19	8.0	2	784	1568
	20	8.0	1	104	104
	21	8.0	2	815	1630
	22	8.0	2	776	1552
	23	8.0	2	796	1592
	24	8.0	2	536	1072
	25	8.0	2	542	1084
	26	8.0	2	326	652
	27	8.0	2	332	664
	28	8.0	2	991	1982
	29	8.0	2	1003	2006
	30	8.0	4	546	2184
	31	8.0	4	566	2264
	32	8.0	2	543	1086
	33	8.0	2	563	1126
	34	8.0	2	387	774

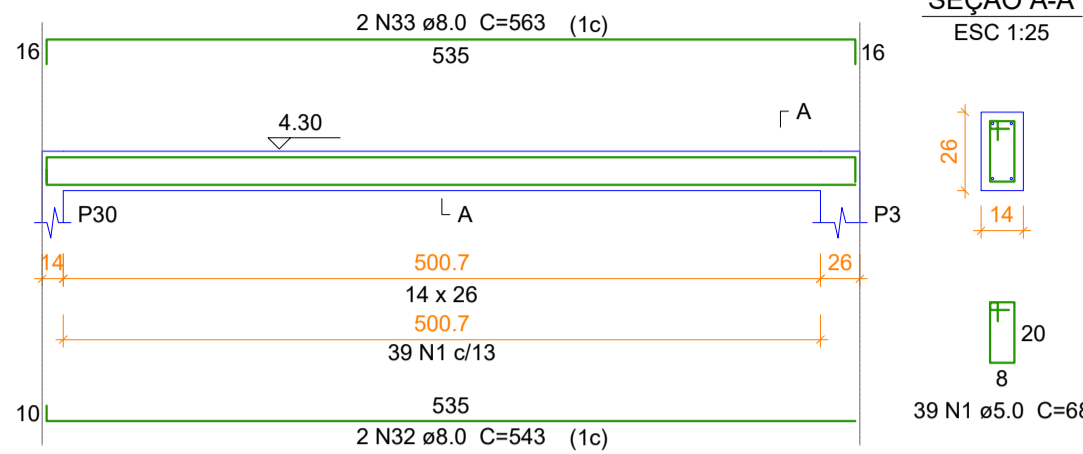
Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	71.2	19.1
CA60	8.0	430.8	187
CA60	5.0	477.6	81
PESO TOTAL			
CA50	206.1		
CA60	81		

Vol. de concreto total (C-25) = 4.19 m³
Área de forma total = 71.31 m²

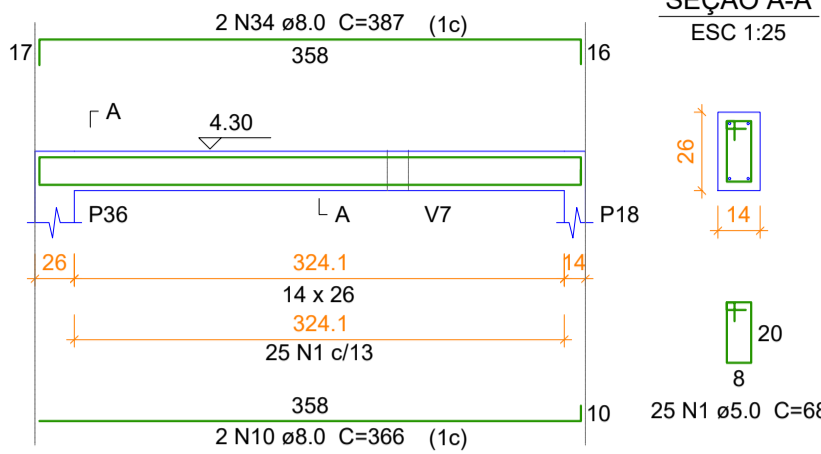
V16

ESC 1:50



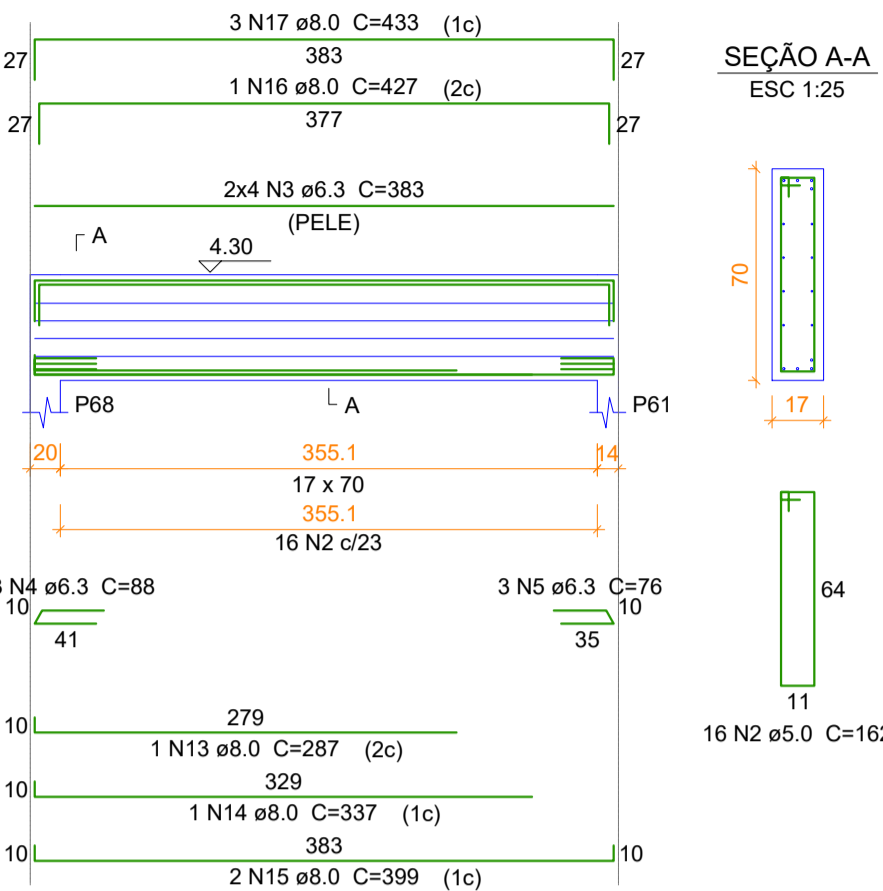
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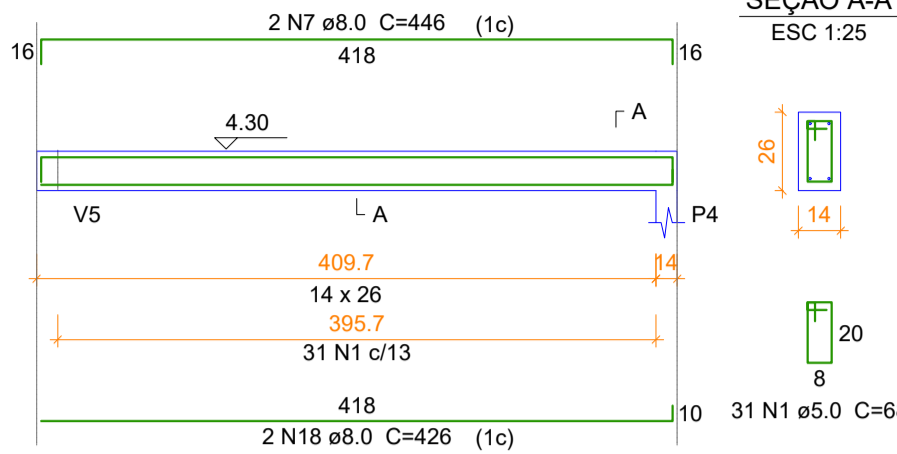
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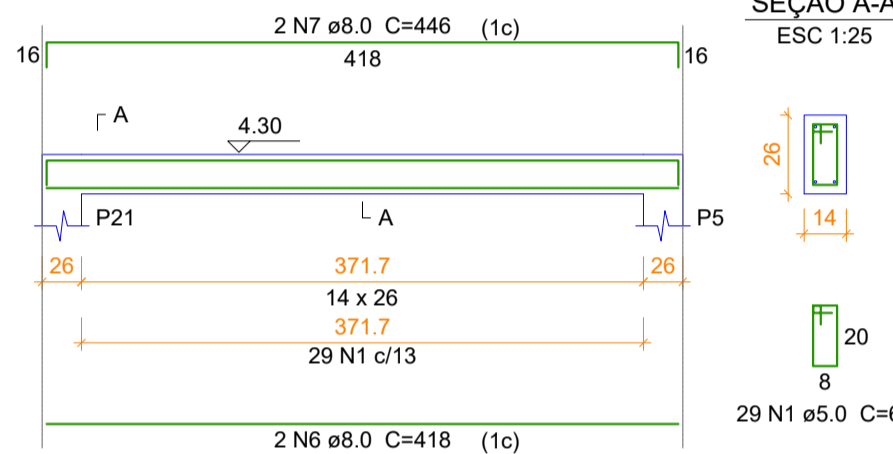
V19

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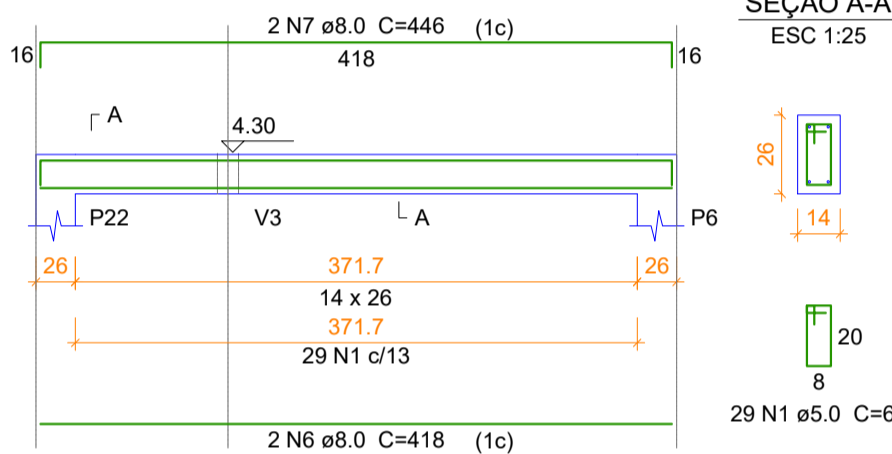
V20

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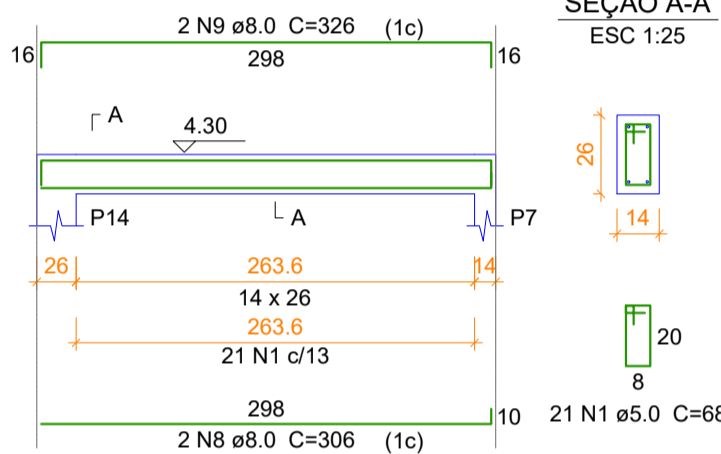
V21

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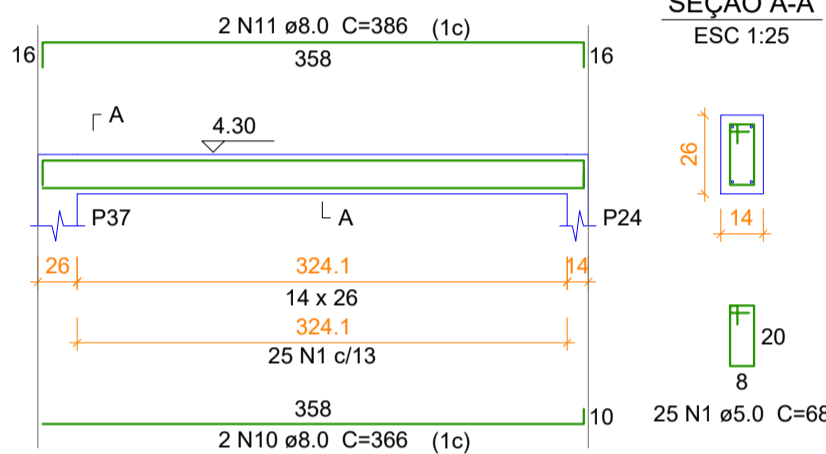
V22

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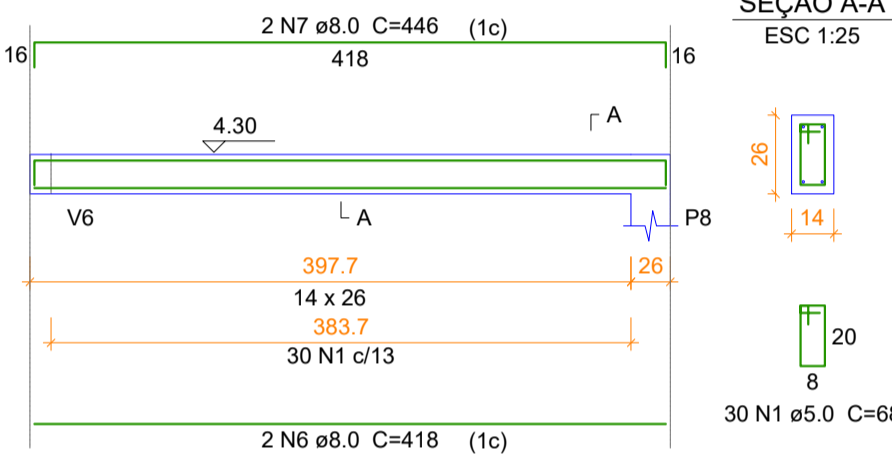
V23

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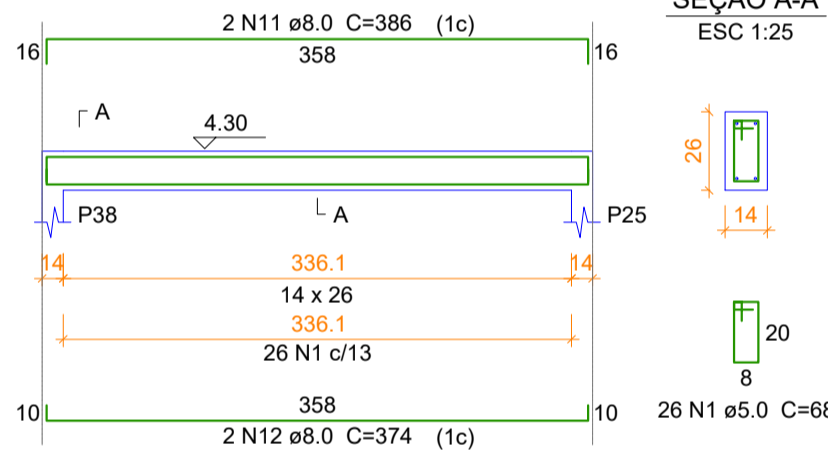
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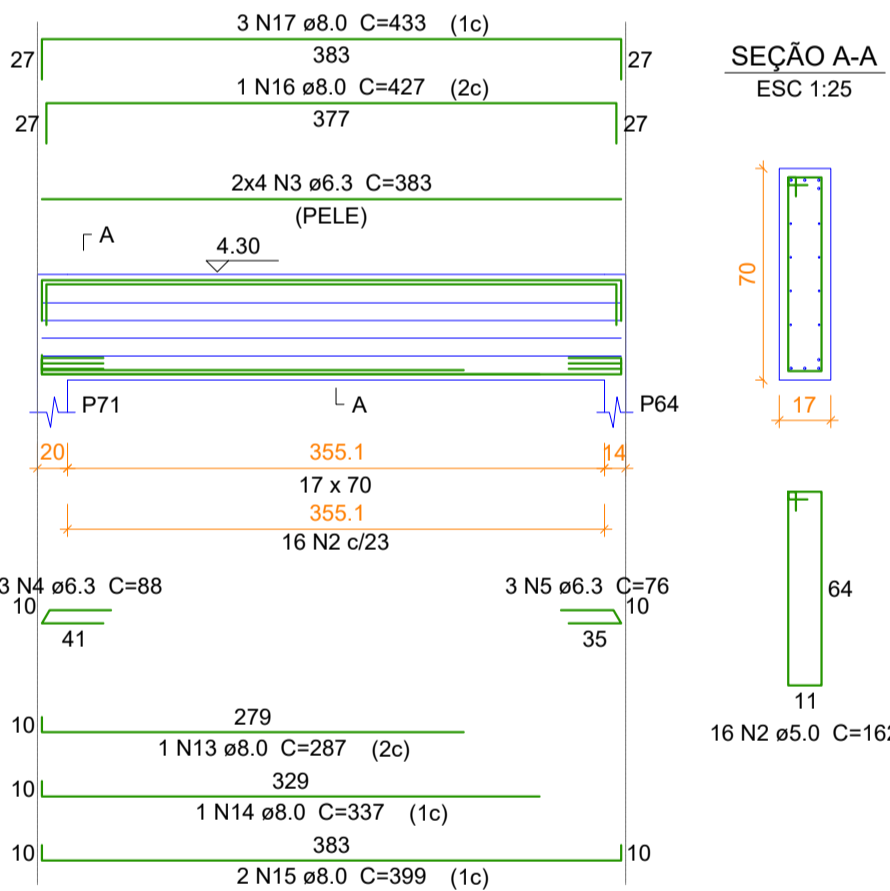
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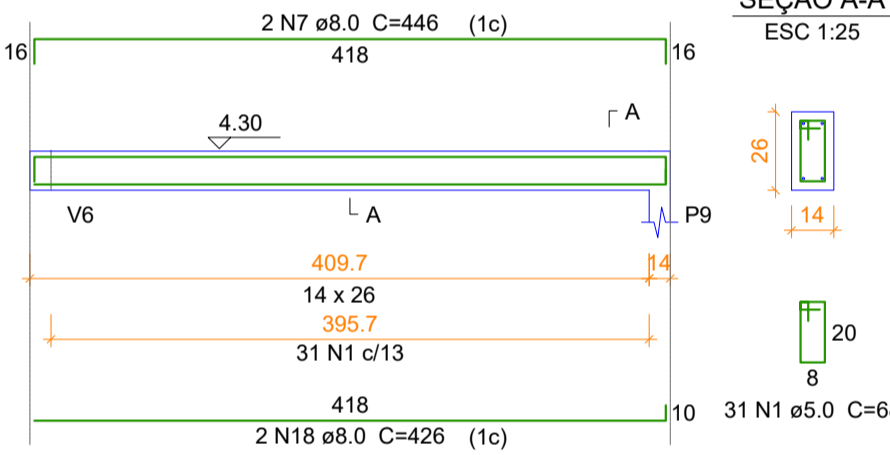
V26

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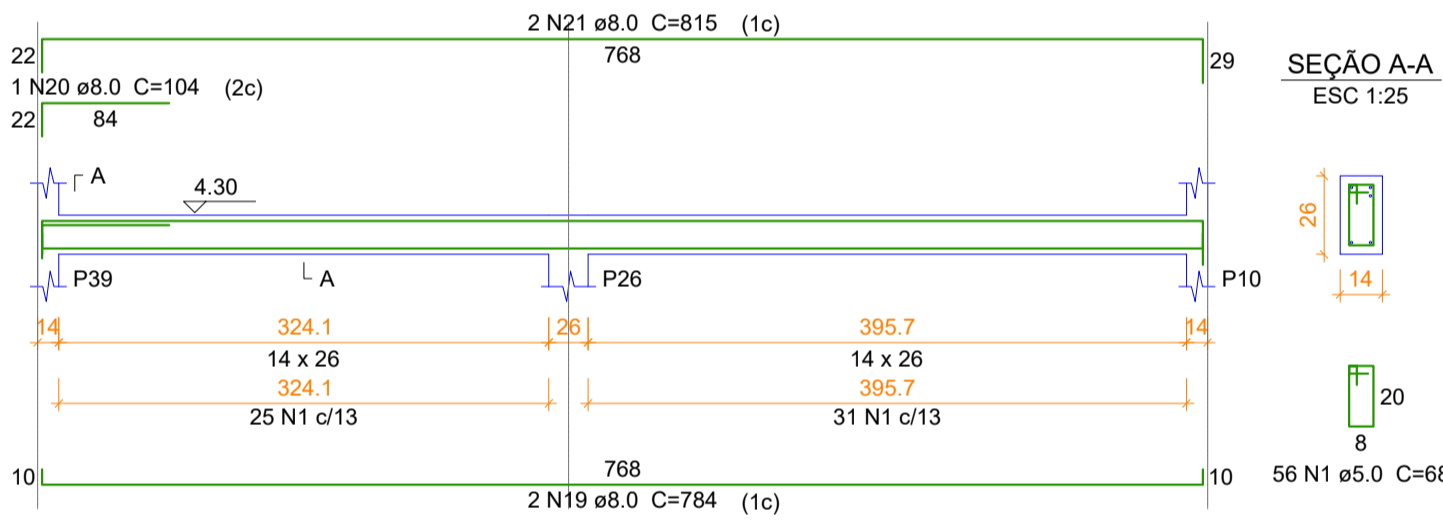
V27

ESC 1:50



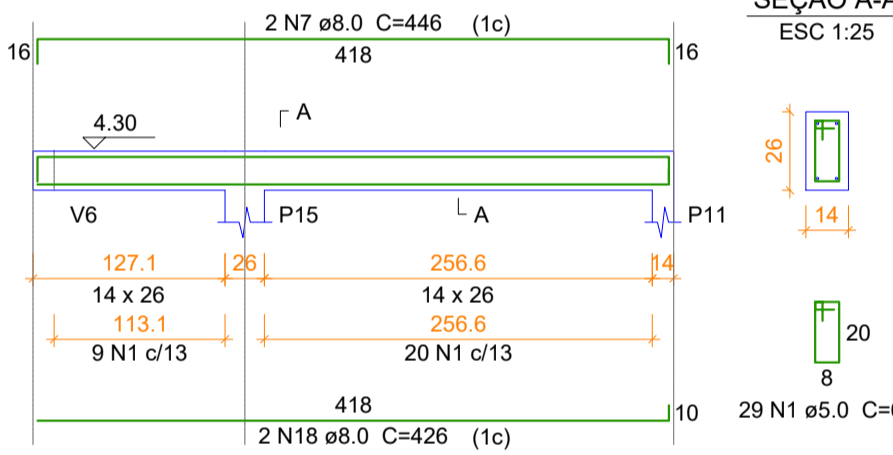
V28

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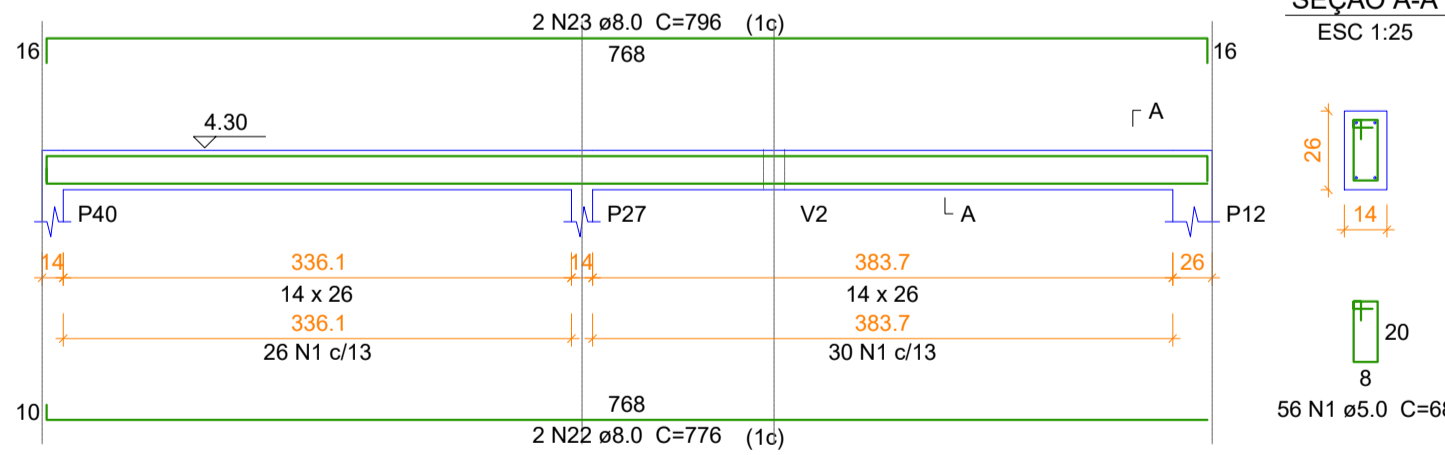
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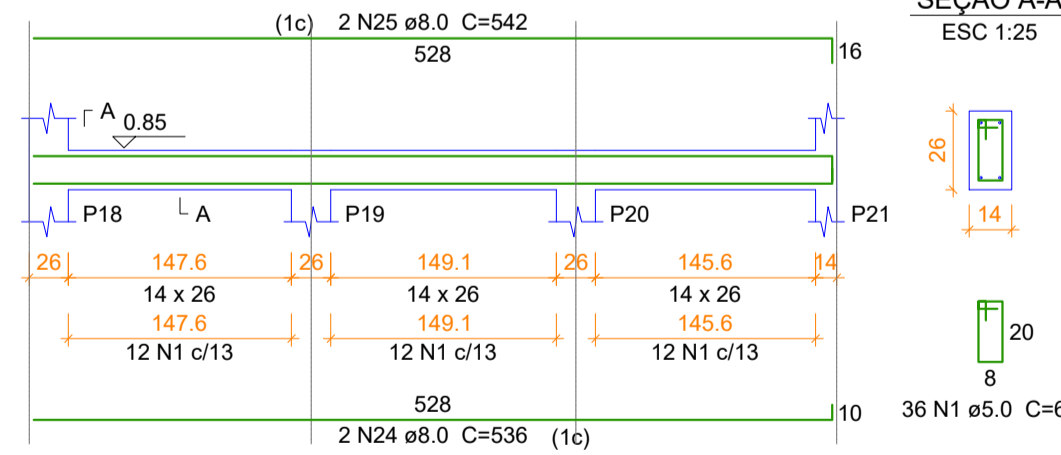
V30

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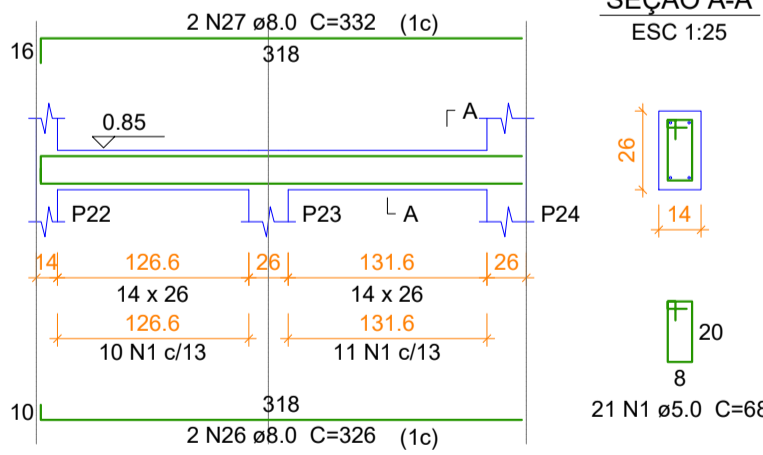
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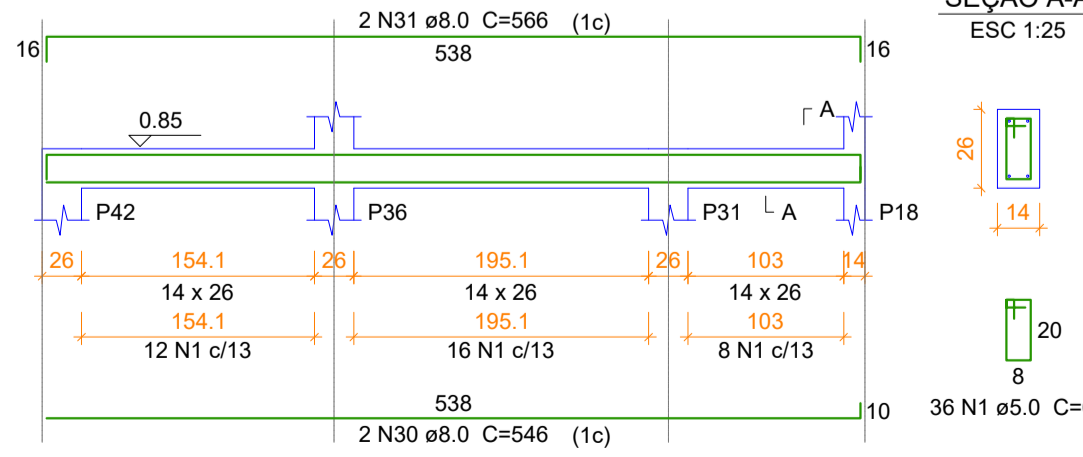
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ESC 1:50



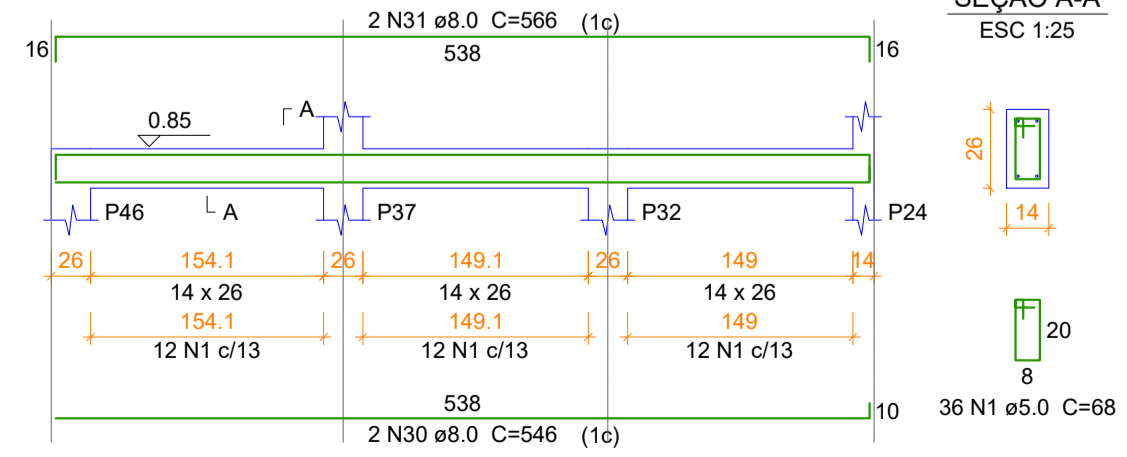
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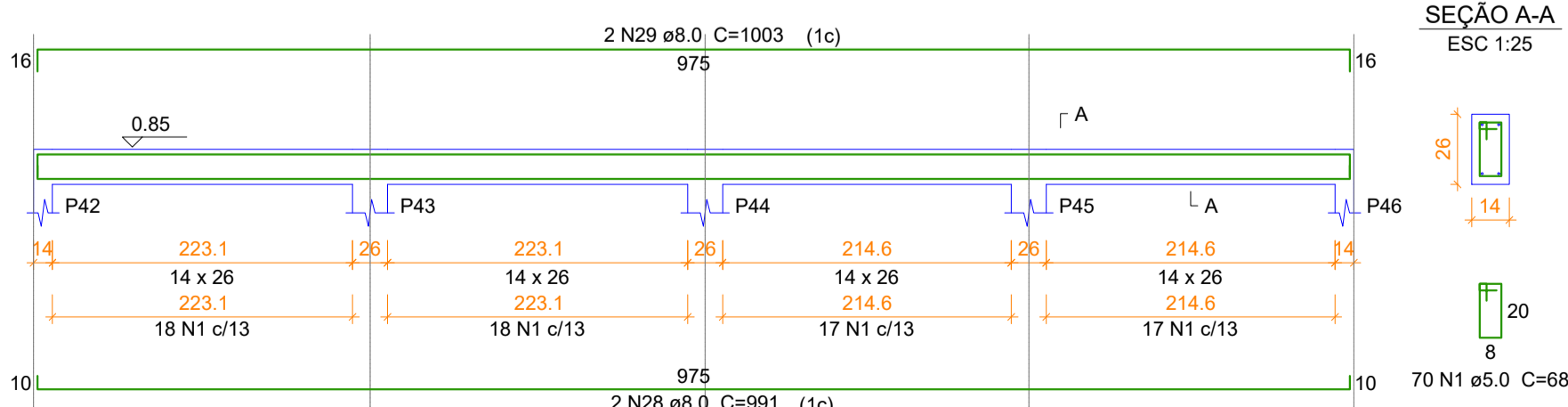
V36

ESC 1:50



V34

ESC 1:50



PROJETO ESTRUTURAL



PREFEITURA MUNICIPAL
TRÊS BARRAS DO PARANÁ

OBRA	AMPLIAÇÃO CENTRO DE EVENTOS MUNICIPAL
PROLONGAMENTO AVENIDA SÃO PAULO, SN.	CAMILA THEISEN
DETALHAMENTO DE VIGAS - VIGA SUPERIOR (02/03)	JULHO/2025
PREFEITURA MUNICIPAL DE TRÊS BARRAS DO PARANÁ	11/18