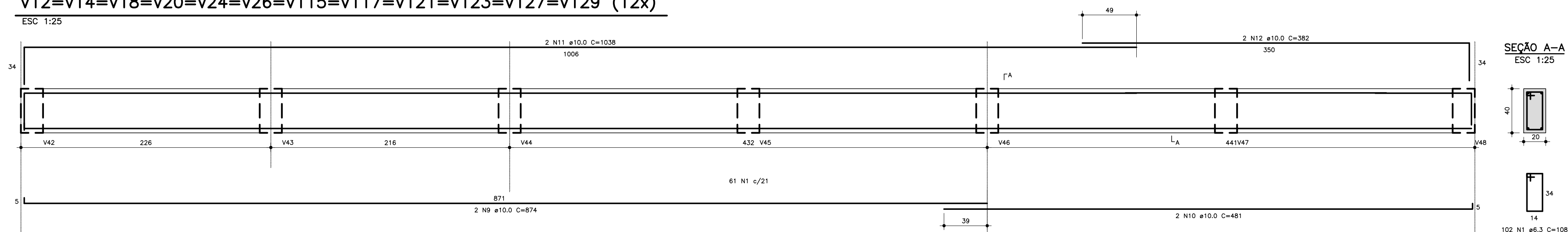
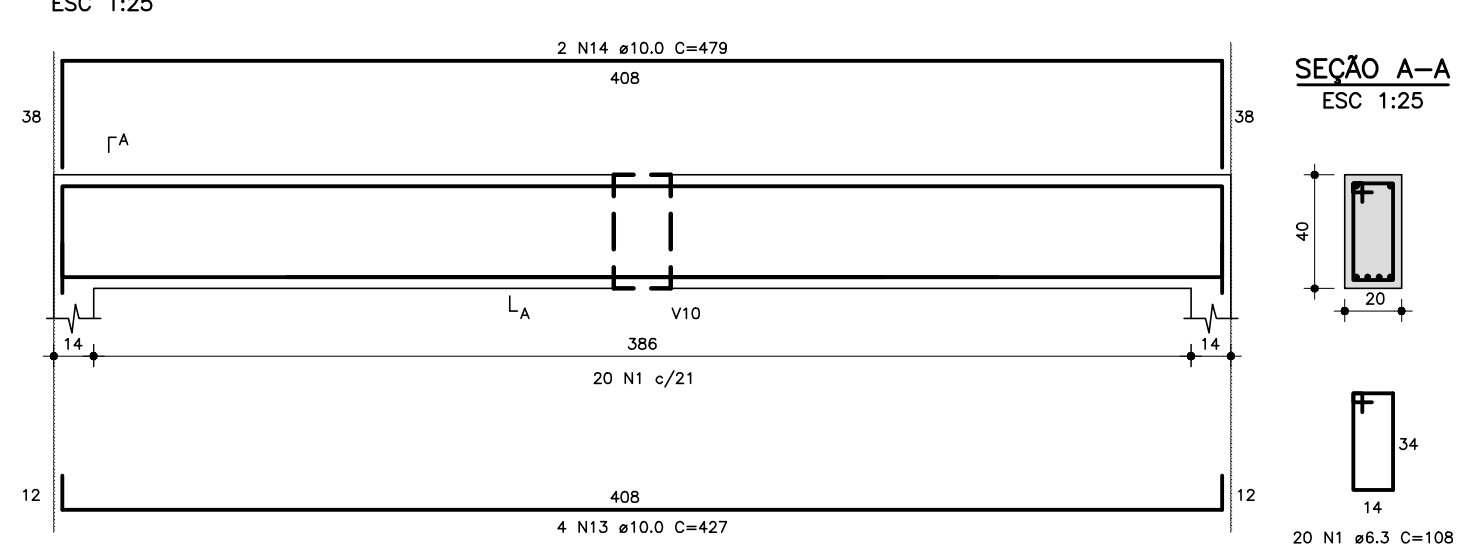


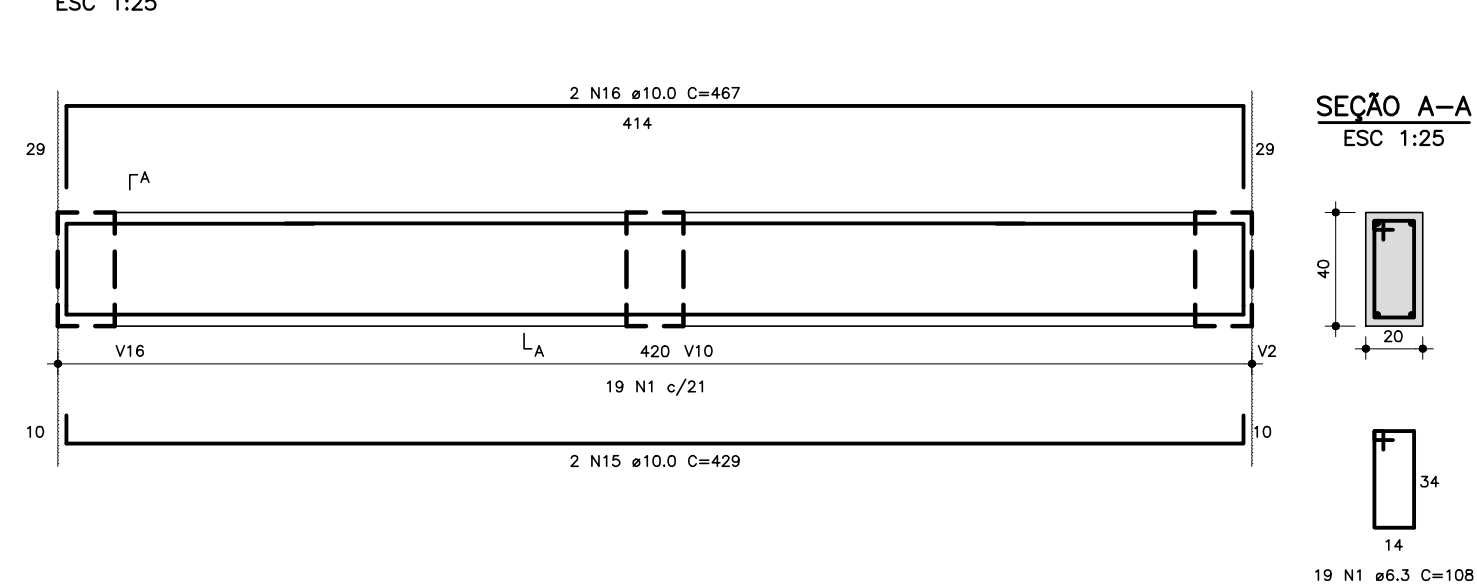
ESC 1:25



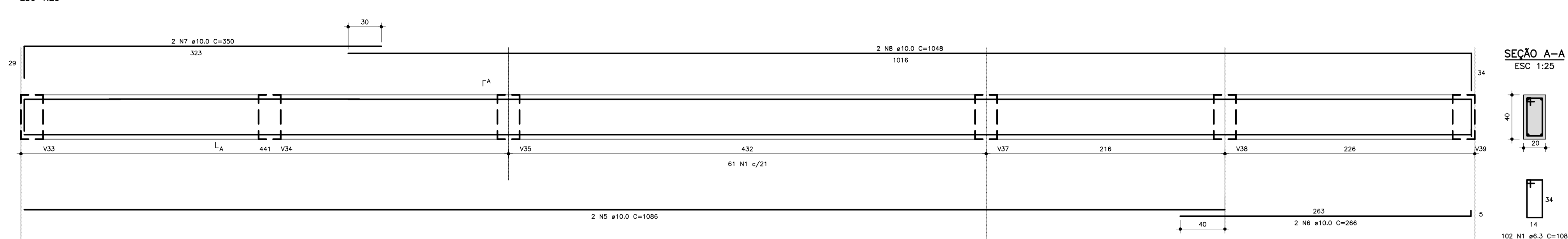
ESC 1:25



ESC 1-25


$$V113=V114=V116=V118=V119=V120=V122=V124=V125=V126=V128=V130 \quad (24x)$$

ESC 1:25



ESC 1:25

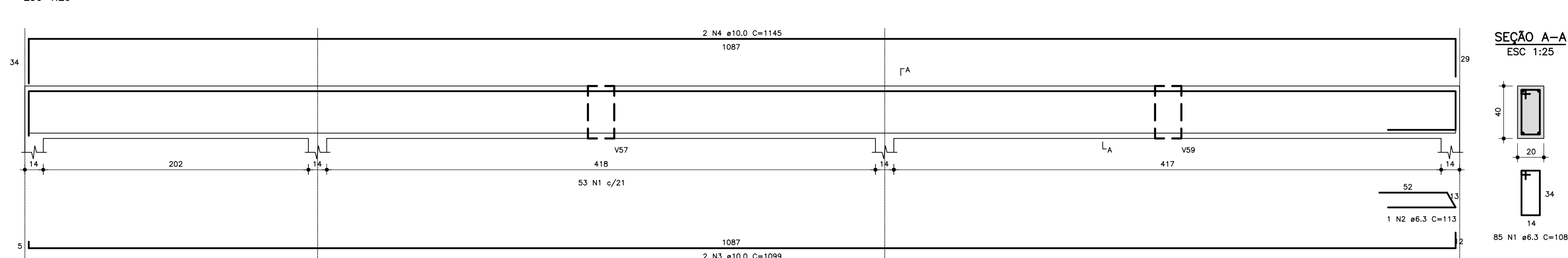


TABELA DE CONSUMO					
2xV6	24xV11		12xV12		
2xV29	24xV30				
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	6,3	2380	108	257040
	2	6,3	2	113	226
	3	10,0	4	1099	4396
	4	10,0	4	1550	4580
	5	10,0	48	1086	52128
	6	10,0	48	266	12768
	7	10,0	48	350	16800
	8	10,0	48	1048	50304
	9	10,0	24	874	20976
	10	10,0	24	481	11544
	11	10,0	24	1038	24912
	12	10,0	24	382	9168
	13	10,0	8	427	3416
	14	10,0	4	479	1916
	15	10,0	4	429	1716
	16	10,0	4	467	1868

RESUMO DO AÇO


AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	2572.7	624
	10.0	2164.9	1322

PESO TOTAL (kg)	
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Volume de concreto (C-25) = 40,95 m³

Área de forma = 511.94 m²

RAIO DE CURVATURA PARA O DOBRAMENTO DAS BARRAS

	ϕ (mm)	RA/O (cm)	C (cm)
	10.0	3 cm	6 cm
	12.5	3 cm	7 cm
	16.0	4 cm	8 cm
	20.0	8 cm	14 cm
	25.0	10 cm	18 cm

TRASPASSE MÍNIMO

Ø (mm)	COMPRIMENTO
5,0	30 cm
6,3	35 cm
8,0	45 cm
10,0	55 cm
12,5	70 cm
16,0	90 cm
20,0	110 cm
25,0	140 cm

ESPECIFICAÇÕES:

- 1- AÇO CA-50A $f_{yk}=500\text{MPa}$.
2- AÇO CA-60b $f_{yk}=600\text{MPa}$.
3- CLASSE DE AGRESSIVIDADE AMBIENTAL (C.A.A.)=III
4- COBRIMENTO DAS ARMADURAS :.
A- BLOCOS : 5.0cm Vigas : 3.0cm.

00	Emissão Inicial		21/02/20
rev.		descrição	data



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PROJETO	ALVENARIA ESTRUTURAL
OBRA	SHOPPING BEIRA-RIO
CLIENTE:	PREFEITURA DE MUNICIPAL DE SÃO CARLOS

conteúdo <div style="text-align: center; font-size: 1.2em; font-weight: bold; margin-top: 20px;">ARMADURA DE VIGAS BALDRAME</div>	<div style="text-align: center;">etapa EXECUTIVO</div> <div style="text-align: center; margin-top: 20px;"> folha <div style="font-size: 2.5em; font-weight: bold;">05/11</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="border: 1px solid black; padding: 2px; text-align: center;"> sigla EST </div> <div style="border: 1px solid black; padding: 2px; text-align: center;"> rev. 00 </div> </div>
<div style="display: flex;"> <div style="width: 50%; border-right: 1px solid black; padding-right: 5px;"> projetista Thiago Martins da Silva </div> <div style="width: 50%; padding-left: 5px;"> liberado para LIBERADO PARA OBRA </div> </div> <div style="display: flex; margin-top: 10px;"> <div style="width: 50%; border-right: 1px solid black; padding-right: 5px;"> coordenador Rafael Costa Tambellini </div> <div style="width: 50%; padding-left: 5px;"> arquivo SBR-EST-05-ARM-VBA.R00 </div> </div>	<div style="text-align: center;">data da fase 26/02/2020</div> <div style="text-align: center; margin-top: 20px;"> escala 1:25 </div>