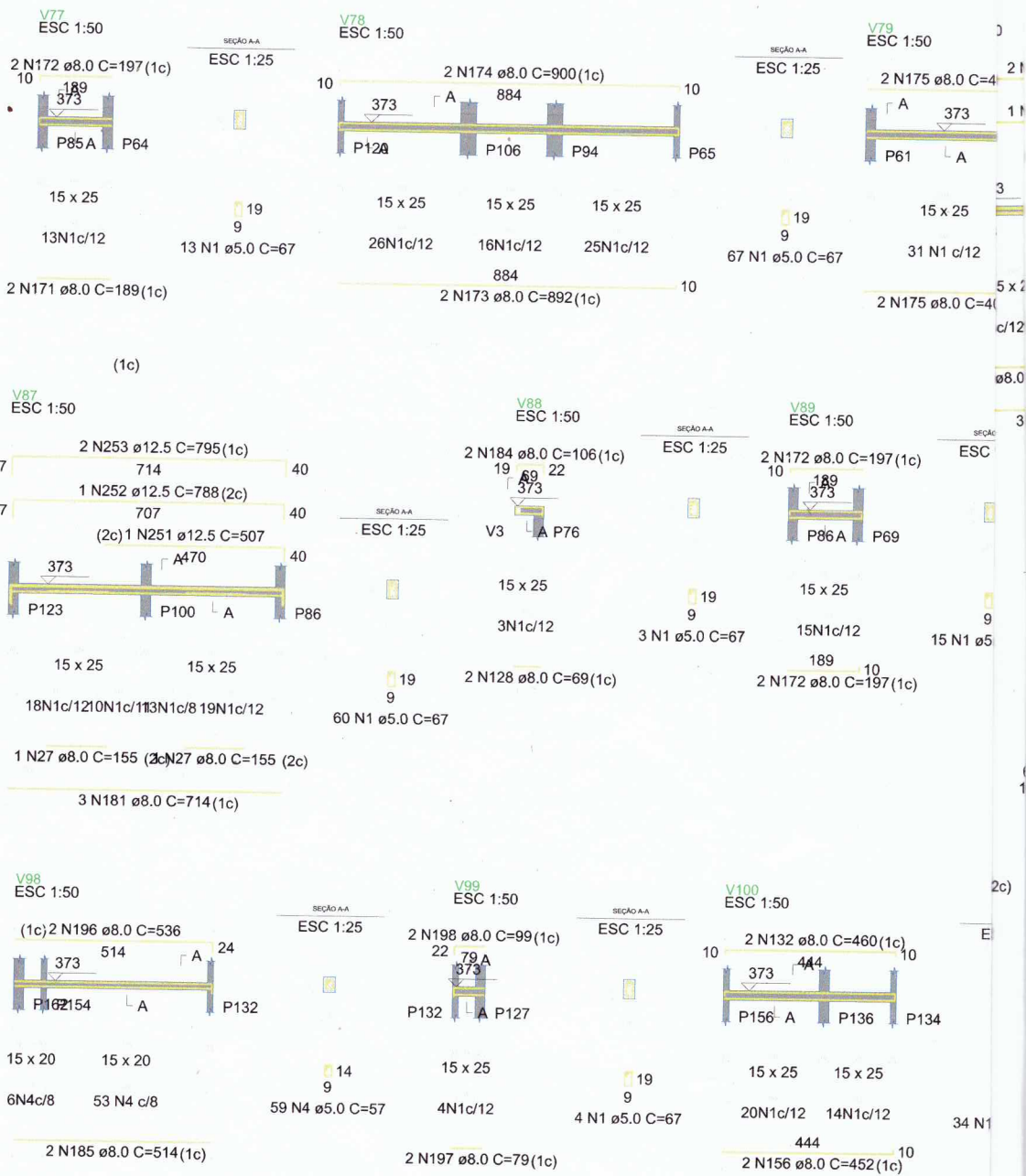
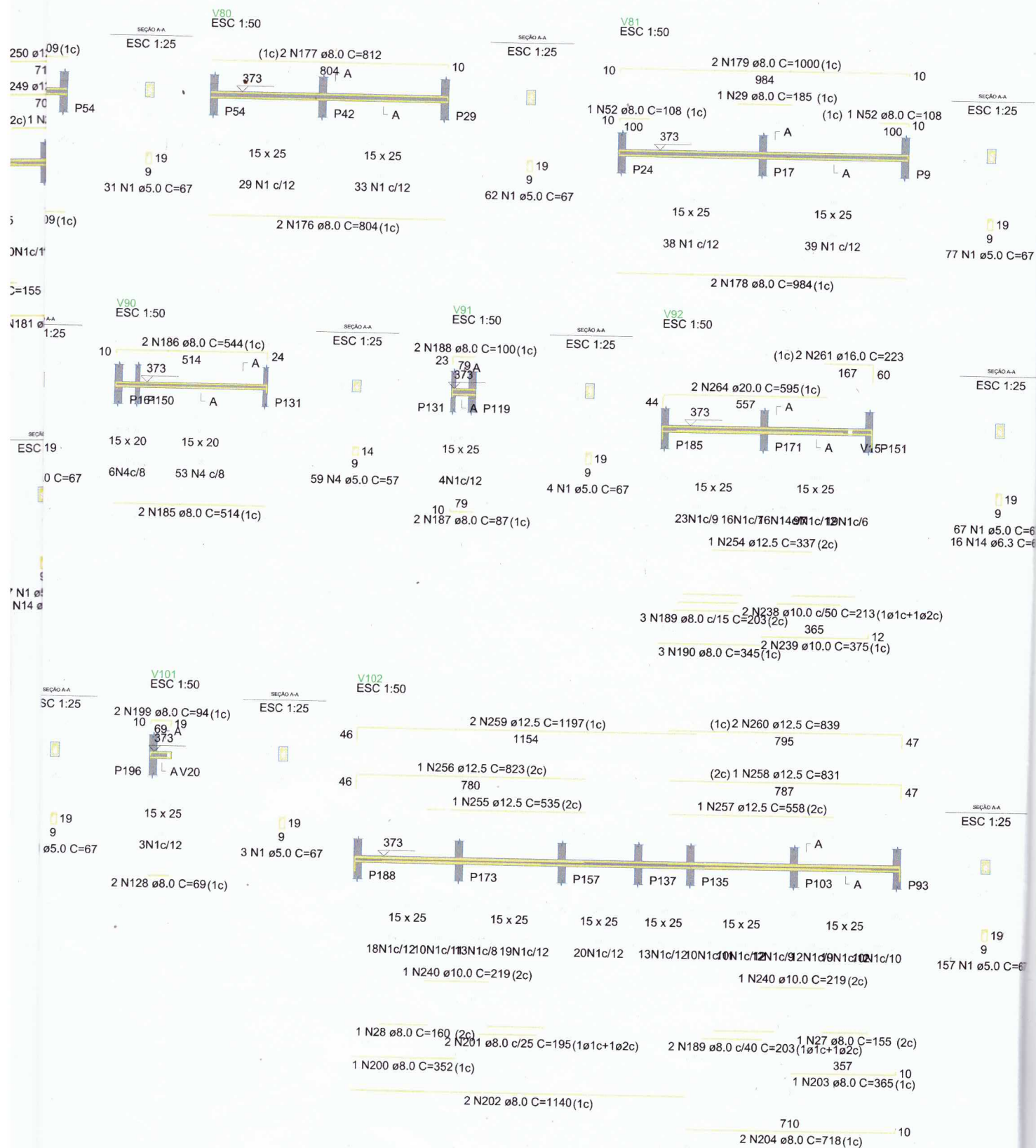
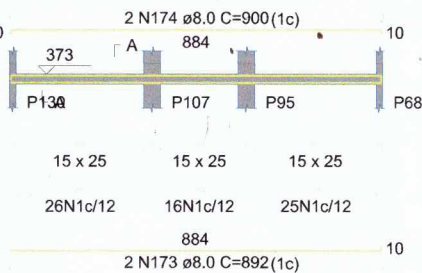


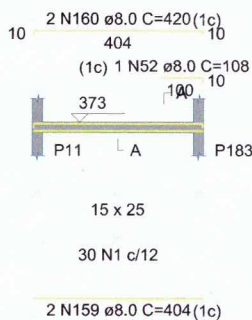




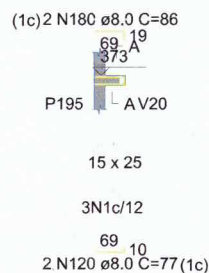
V82
ESC 1:50



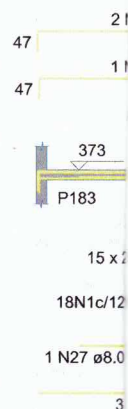
V83
ESC 1:50



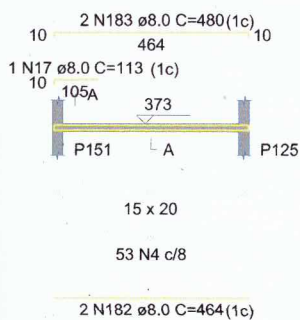
V84
ESC 1:50



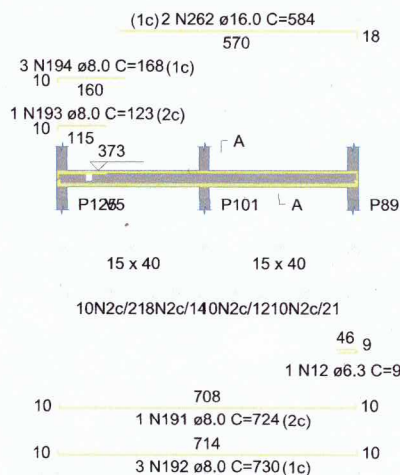
V85
ESC 1:50



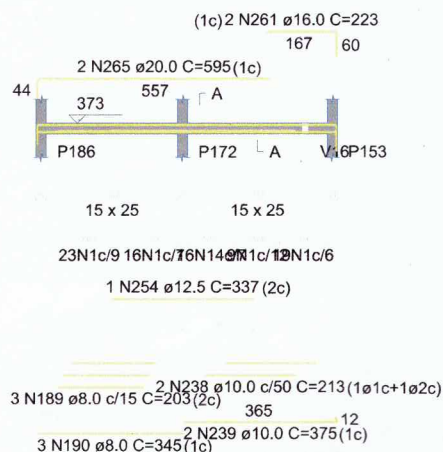
V93
ESC 1:50



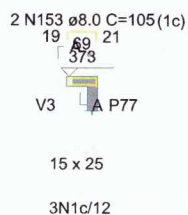
V94
ESC 1:50



V95
ESC 1:50

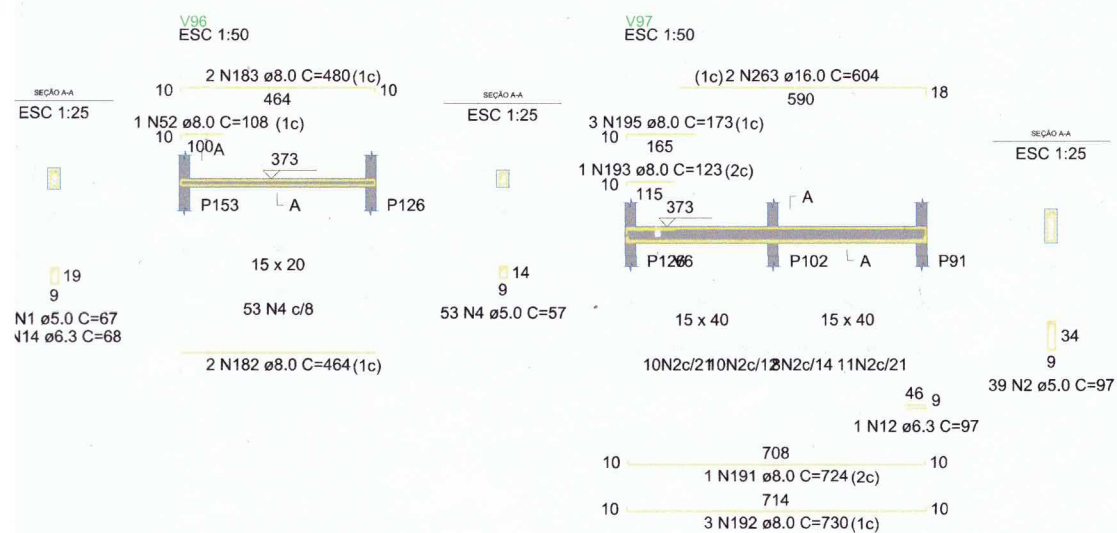
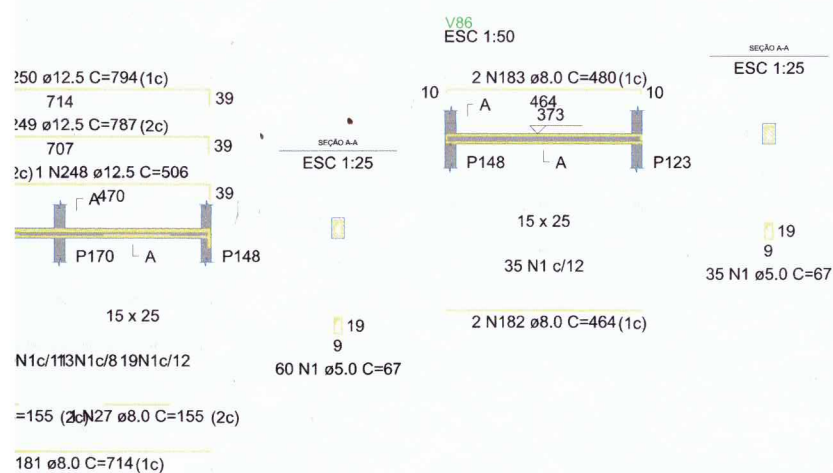


V103
ESC 1:50



SEÇÃO A-A
ESC 1:25



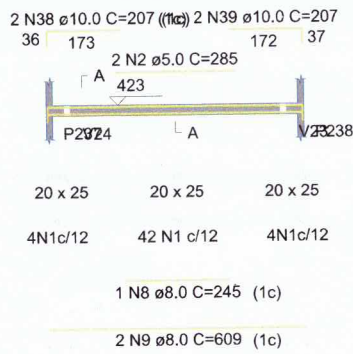


RESUMO DO AÇO V1 A V103

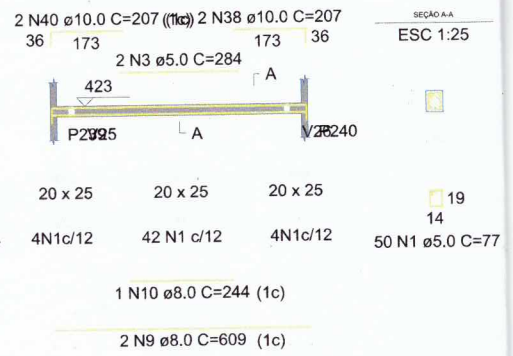
AÇO	DIÂM (mm)	C TOTAL (m)	PL80 - 10% (kg)
CA80	8.3	85.7	22.6
	8.0	2463.2	1068.2
	10.0	500.9	339.7
	12.5	244.6	209.5
	15.0	22.7	86.7
	20.0	23.5	51.6
	25.0	3527.4	956.1
PESO TOTAL (kg)			
CA80	1812.3		
CA80	698.1		

Volume de concreto (0.25) = 28.72 m³
Área de forma = 430.62 m²

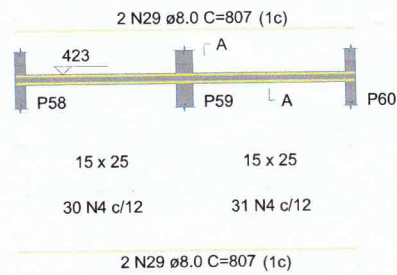
V1
ESC 1:50



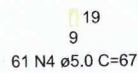
V2
ESC 1:50



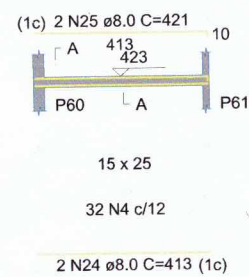
V9
ESC 1:50



SEÇÃO AA
ESC 1:25



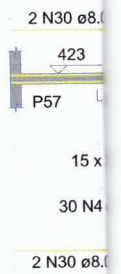
V10
ESC 1:50



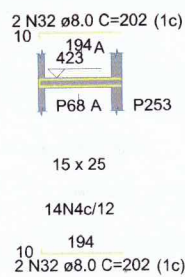
SEÇÃO AA
ESC 1:25



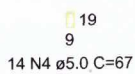
V11
ESC 1:50



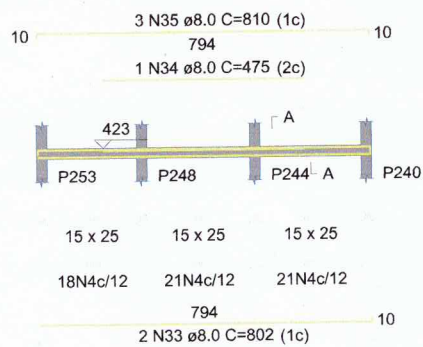
V20
ESC 1:50



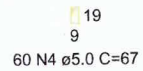
SEÇÃO AA
ESC 1:25



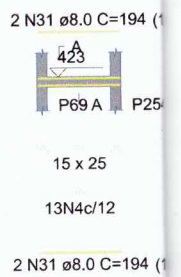
V21
ESC 1:50



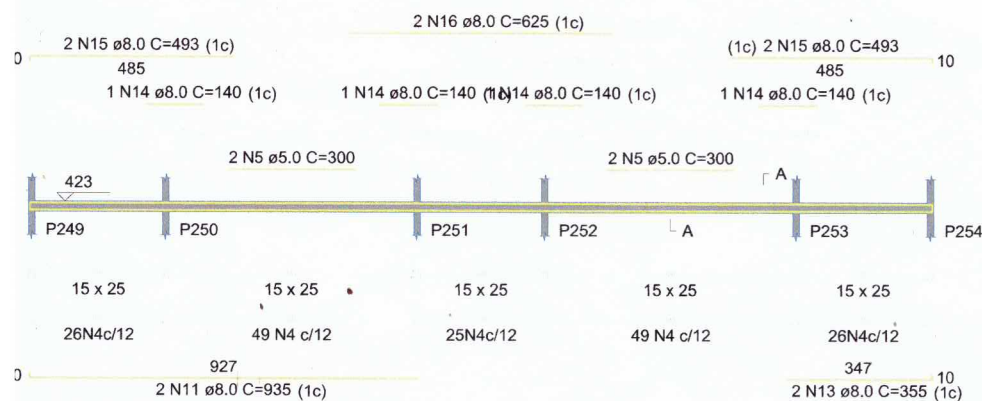
SEÇÃO AA
ESC 1:25



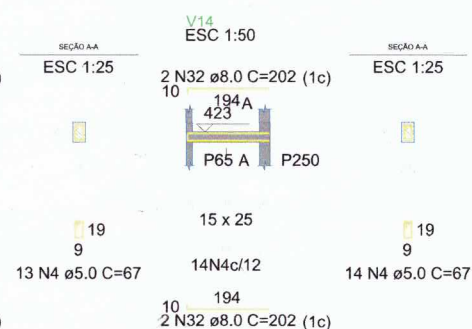
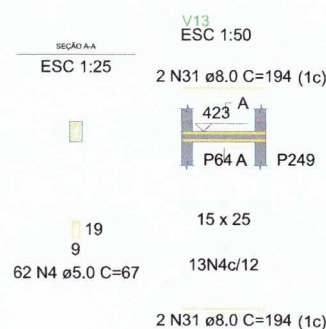
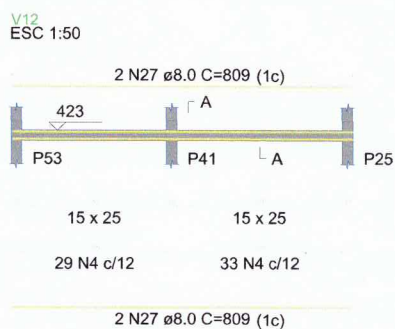
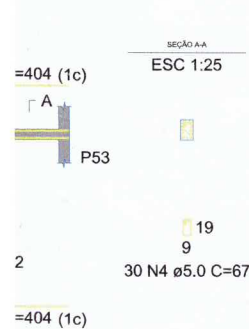
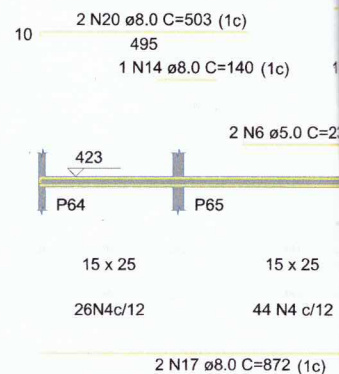
V22
ESC 1:50



V3
ESC 1:50



V4
ESC 1:50



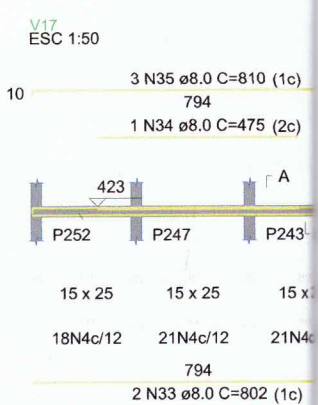
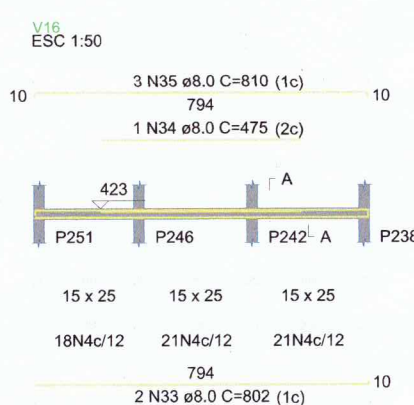
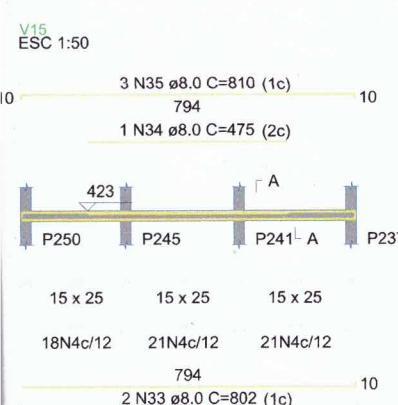
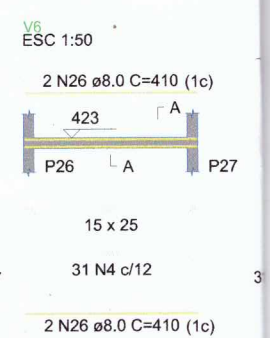
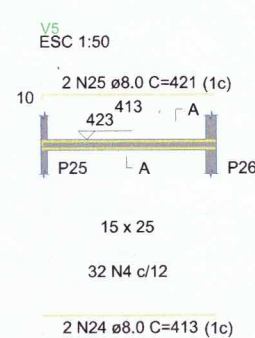
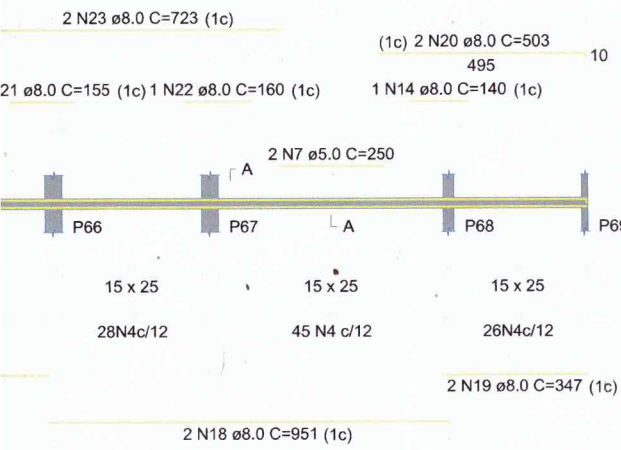
MA

NTE

22

00

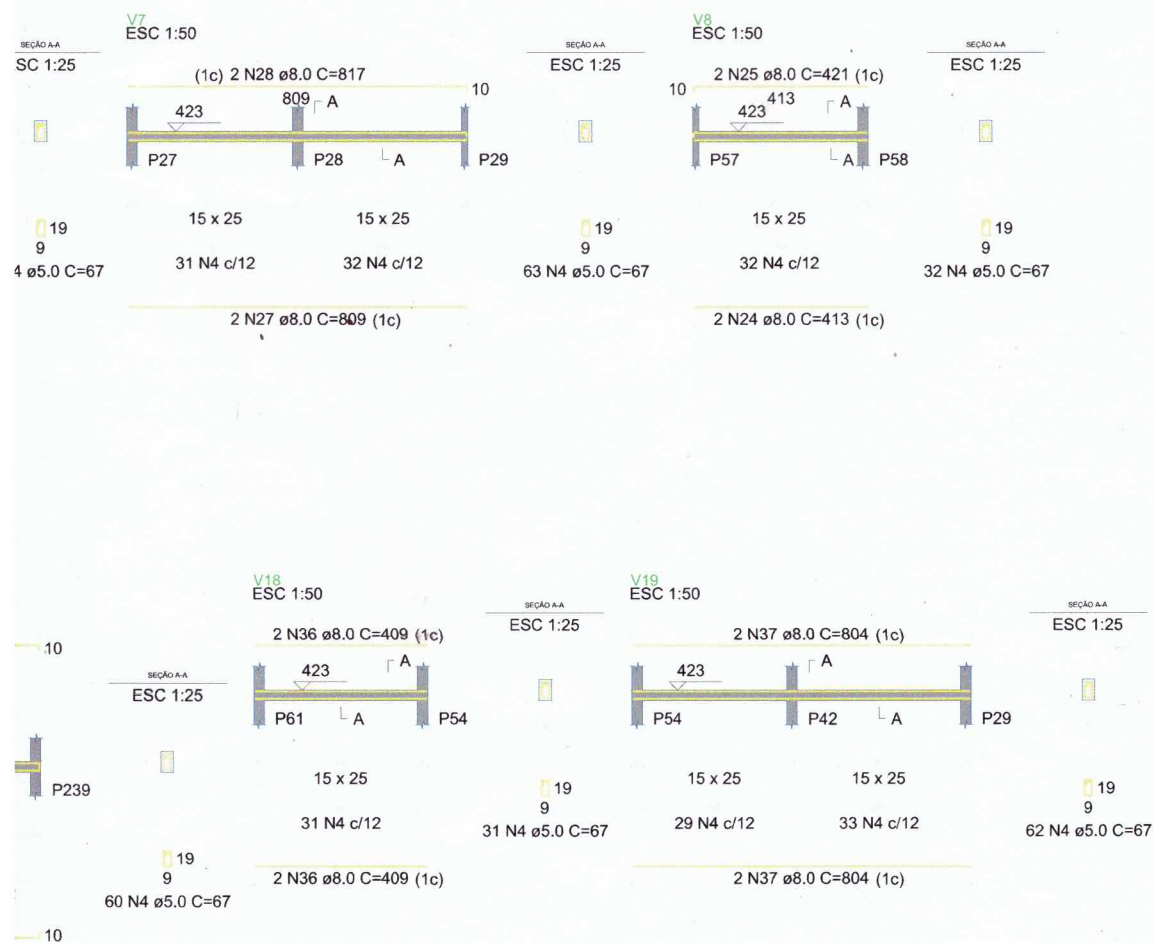
VO:



RESUMO DO AÇO

AÇO	DIAM (mm)	Q.TD (m)
CA50	8.0	5.0
CA60	10.0	5.0
CA60	5.0	5.0
TOTAL (kg)		
CA50	287.2	
CA60	140.7	

Volume de concreto (C-25) =
Área de forma = 100.07 m²



	PREFEITURA MUNICIPAL DE TELÊMACO BORBA Administração: Marcio Artur de Matos Prefeito Municipal		SMPU HMA
	SECRETARIA MUNICIPAL DE PLANEJAMENTO URBANO HABITAÇÃO E MEIO AMBIENTE ISABELLE ADAMOVISKI eng.º civil crea nº 78.757 D/Pr		
DP & PU Escala: indicada	DIVISÃO DE PROJETOS E PLANEJAMENTO URBANO Conteúdo da prancha: Forma das vigas cinta		Obra: Escola Municipal Monte Sinai
	Data: 03/2020 Desenho: Revisão: Aprovação:		Referência: ESTRUTURAL Resp. técnico: Andrei Crystian Vieira Eng.º civil CREA-Pr 149.282/D
Folha: 01/22 Rev. 00 Arquivo:			

DEUTERONOMIO 19:1

Quando o o Senhor teu Deus desarraigar as nações, cuja terra te dá, e as despojares, e maorares nas suas cidades e nas suas casas tres cidades reservarás na terra que o teu Deus te da para a possuíres.