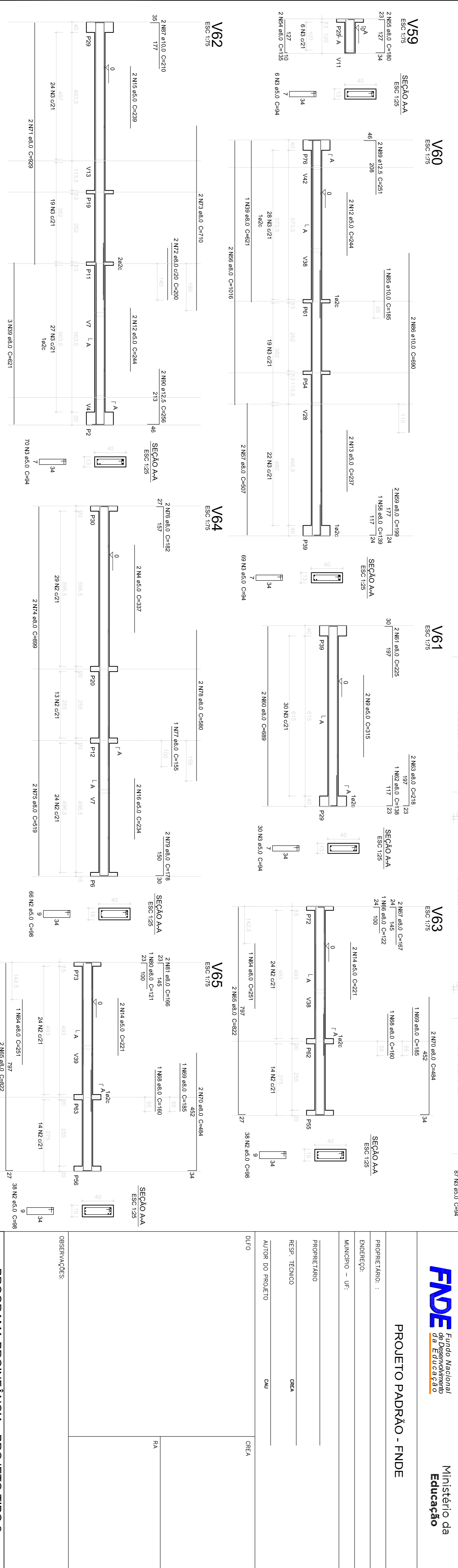
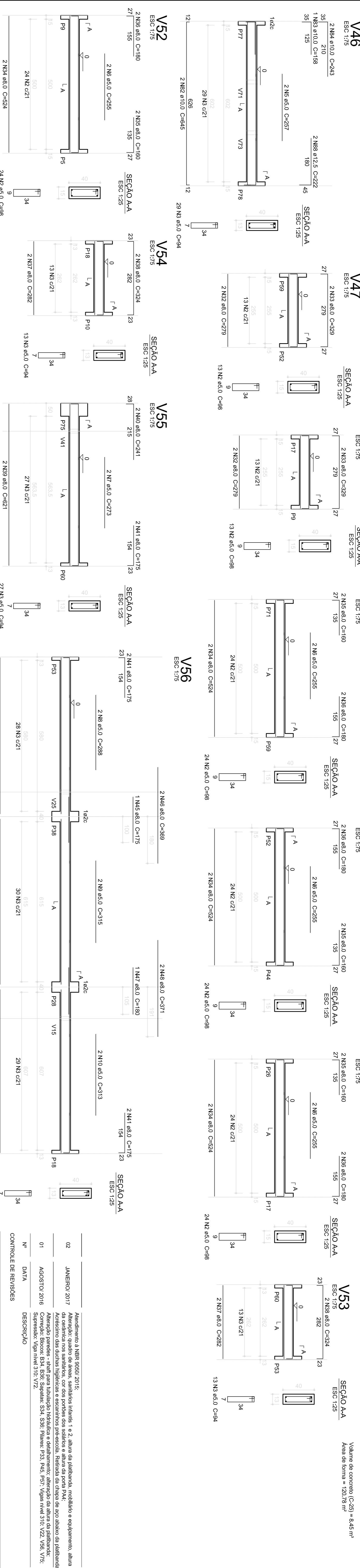


Resumo do aço			
AÇO	DIAM. (mm)	C.TOTAL (m)	PESO (kg)
CA50	8,0	569,0	224,8
CA50	10,0	39,2	24,2
CA50	12,5	14,8	14,0
CA50	16,0	8,6	126,0
PESO TOTAL (kg)			283,0
CA50			126,0
CA60			157,0

Voluma de concreto (C-25) = 8,45 m³
 Área de forma = 120,19 m²



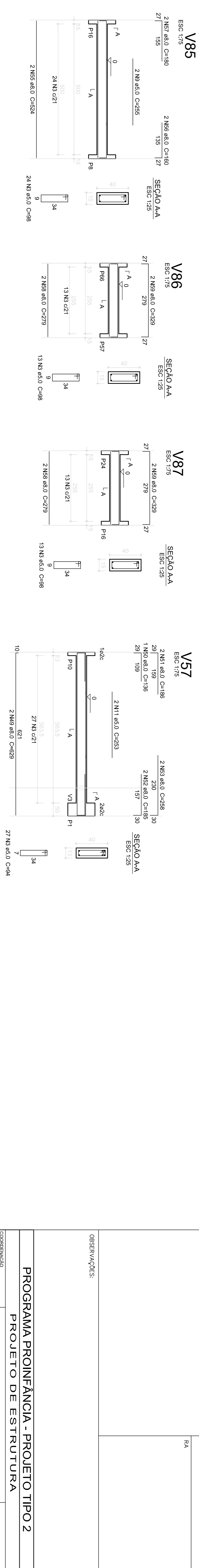
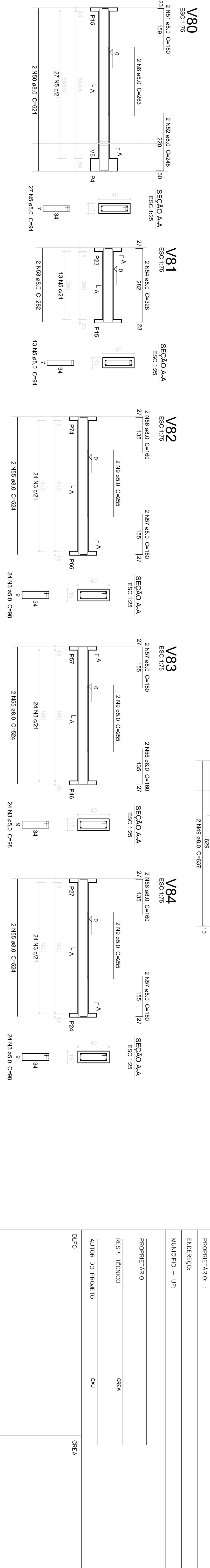
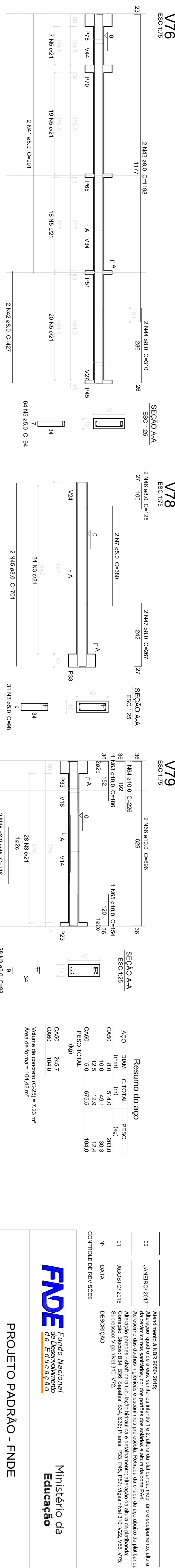
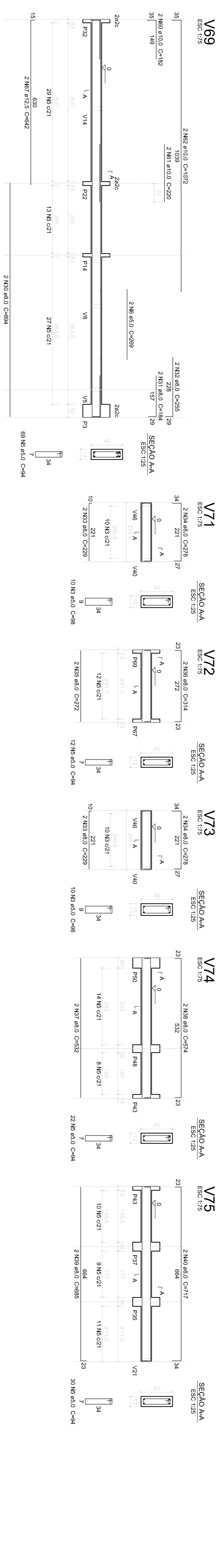
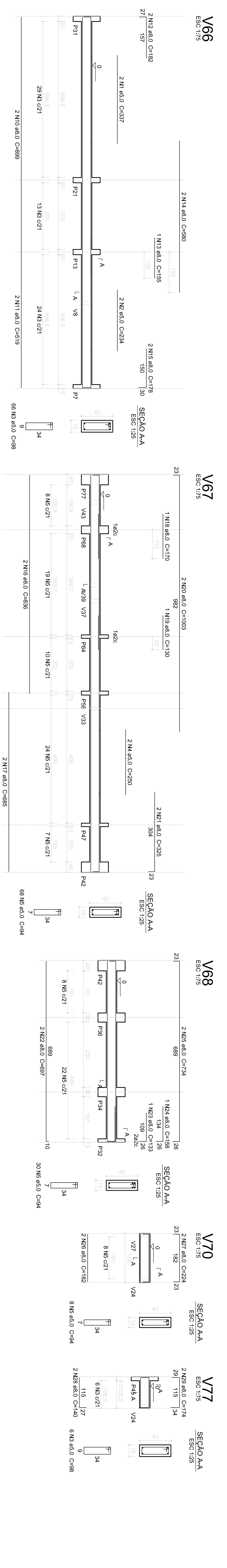
1 VIGAS NIVEL 000
 ESCALA: INDICADA

PROGRAMA PROINFÂNCIA - PROJETO TIPO 2		PROJETO DE ESTRUTURA	
CONSEQUÊNCIA CGEST - Coordenação Geral de Infraestrutura Educacional		ESTRUTURA DE CONCRETO VIGAS NIVEL 000 FORMA E ARMADURA	
FORMULÁRIO AT (REV.03/19)		PRONÓIA 08/17	
REVISÃO R.01 R.02		ESCALA INDICADA JAN/2017	
AUTOR DO PROJETO CAU		CREA CAU	
DIFLO		CREA	
OBSERVAÇÕES:			
<p>PROPRIETÁRIO: FUNDE</p> <p>ENDEREÇO: FUNDAMENTO A NBR 9069/2015</p> <p>MUNICÍPIO - UF: ACACIO DE CARVALHO, RJ</p> <p>PROPRIETÁRIO: FUNDE</p> <p>RESP. TÉCNICO: CAU</p> <p>AUTOR DO PROJETO: CAU</p>			



PROJETO PADRÃO - FUNDE

PRONÓIA 08/17



Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	8.0	514.0	203.0
CA50	10.0	48.1	20.3
CA60	5.0	675.5	104.0
PESO TOTAL (kg)			327.3

Volume de concreto (C-25) = 7.23 m³
 Área de forma = 104.42 m²

PROJETO PADRÃO - FNDE

FNDE *Fundo Nacional de Desenvolvimento da Educação*

Ministério da Educação

PROPRIETÁRIO: _____

ENDEREÇO: _____

MUNICÍPIO - UF: _____

PROPRIETÁRIO: _____

RESP. TÉCNICO: _____ CREA: _____

AUTOR DO PROJETO: _____ CAD: _____

DILFO: _____ CREA: _____

PROGRAMA PROINFÂNCIA - PROJETO TIPO 2

PROJETO DE ESTRUTURA

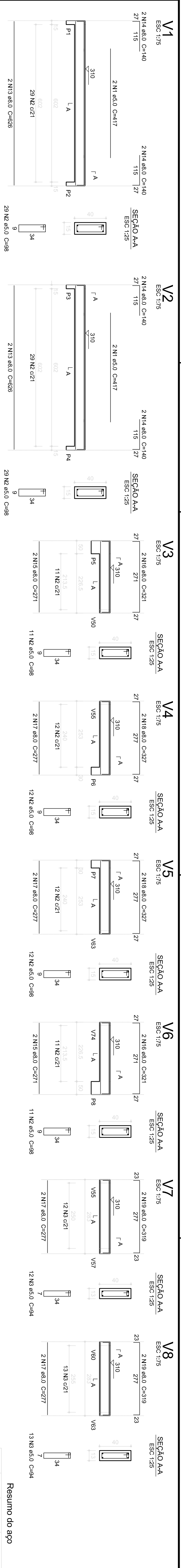
ESTRUTURA DE CONCRETO

VIGAS NIVEL 000

FORMA E ARMAÇÃO

SCV

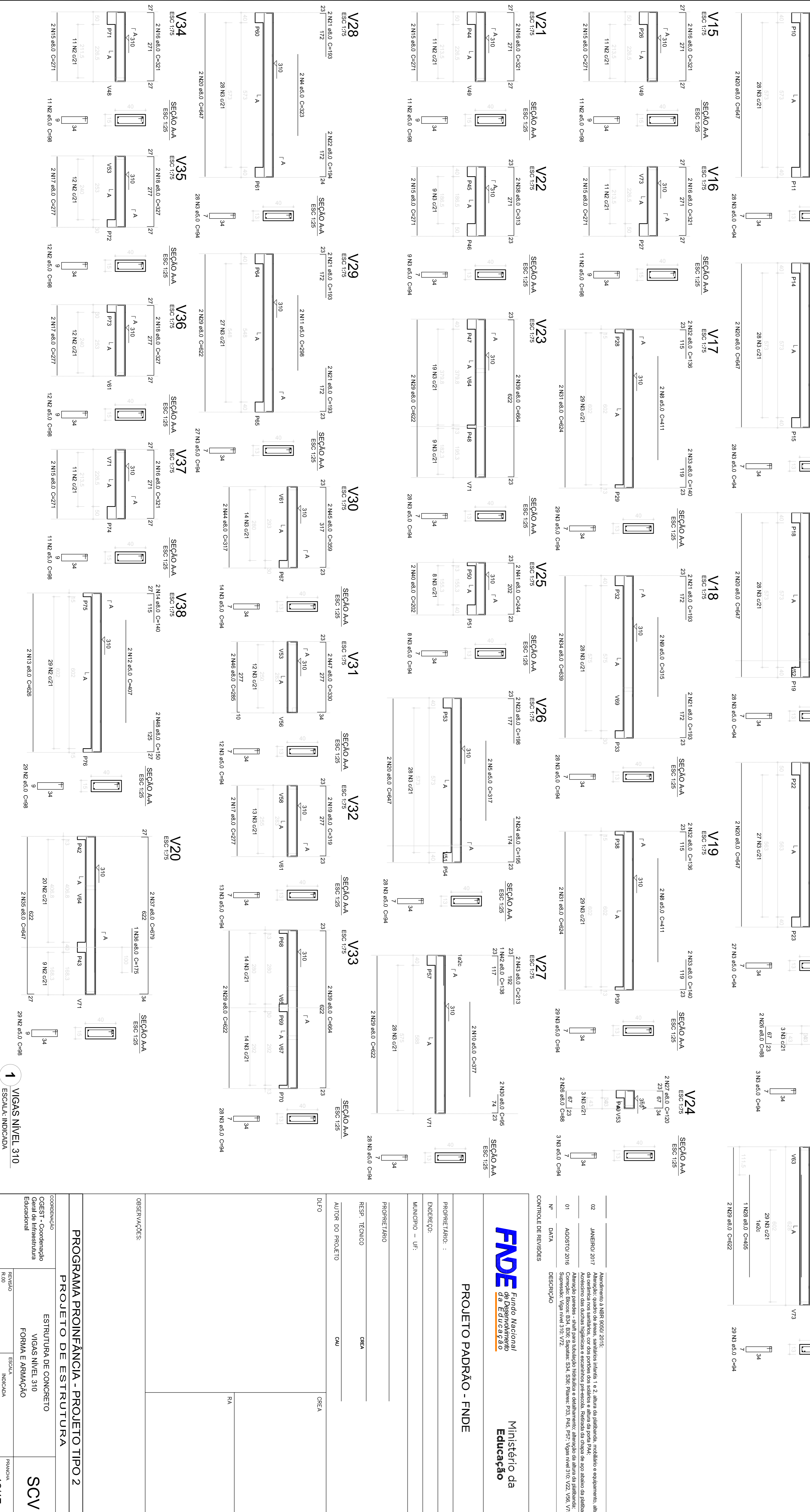
09/17



Resumo do aço

AÇO	DIM (mm)	C.TOTAL (m)	PESO (kg)
CA50	8.0	597.7	236.1
CA60	5.0	797.9	122.9
PESO TOTAL			359.0
CA50	236.1		
CA60	122.9		

Volume de concreto (C-20) = 7.97 m³
 Área de forma = 116.62 m²



1 VIGAS NÍVEL 310
 ESCALA: INDICADA

PROJETO PADRÃO - FNDE

Ministério da Educação

PROPRIETÁRIO: **FNDE** - Fundo Nacional de Desenvolvimento da Educação

PROPRIETÁRIO: **Ministério da Educação**

MUNICÍPIO - UF: _____

PROPRIETÁRIO: _____

RESP. TÉCNICO: _____

AUTOR DO PROJETO: _____

DILFO: _____

PROGRAMA PROINFÂNCIA - PROJETO TIPO 2

PROJETO DE ESTRUTURA

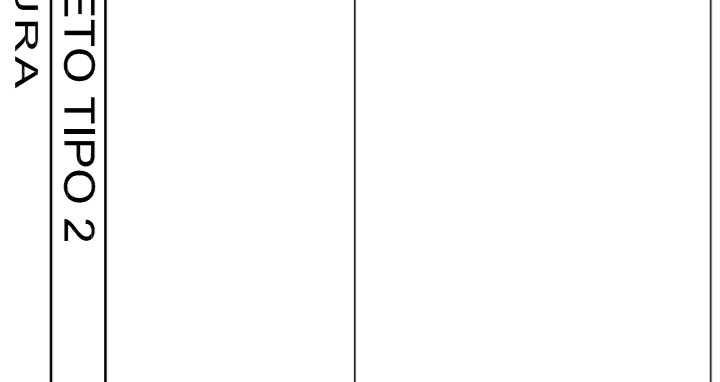
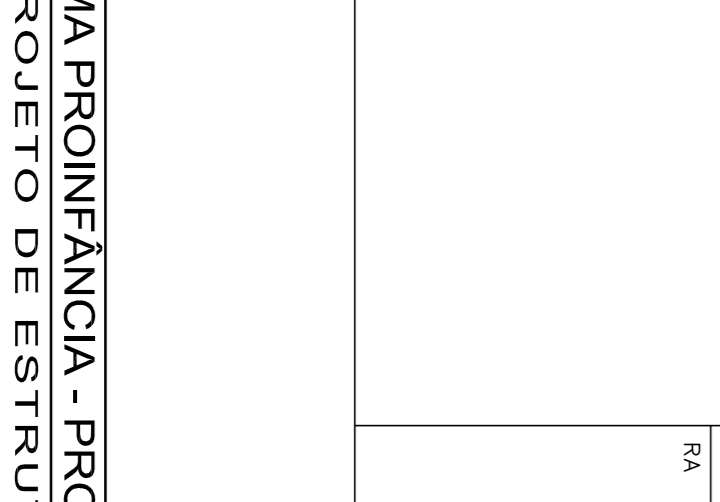
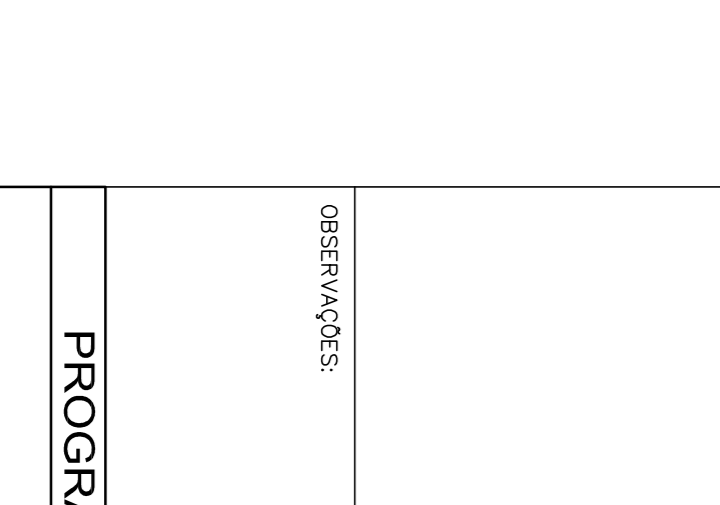
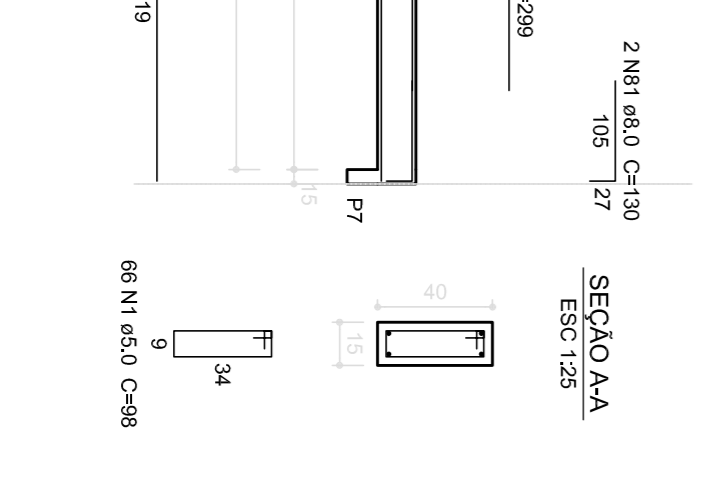
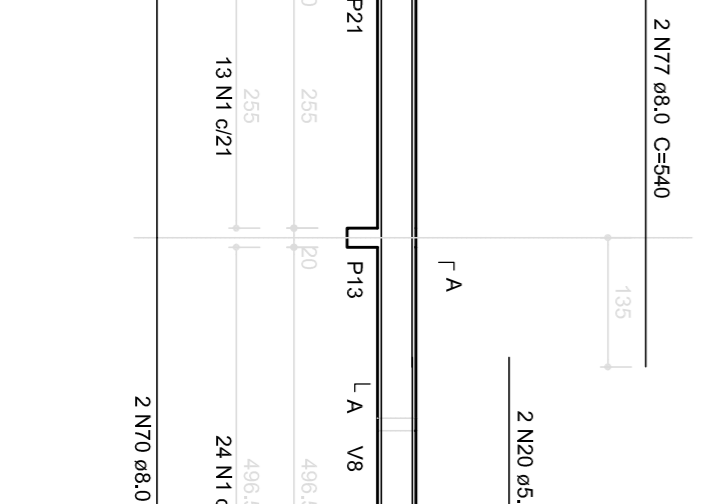
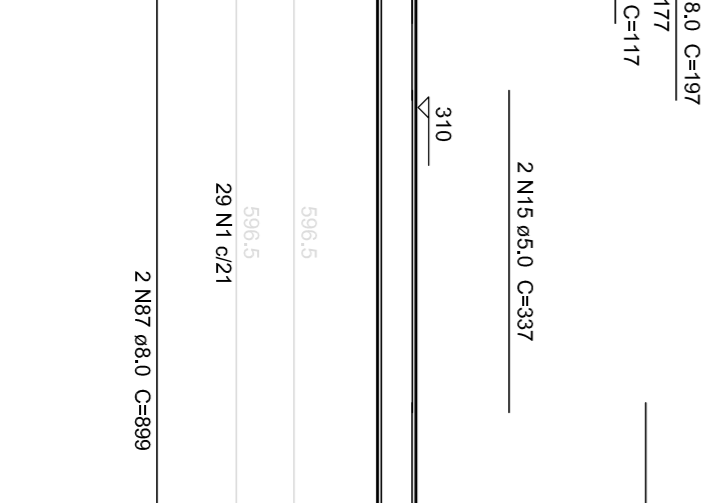
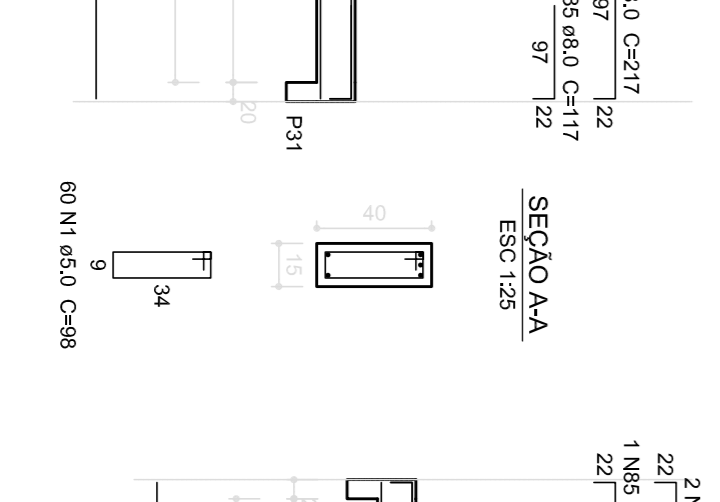
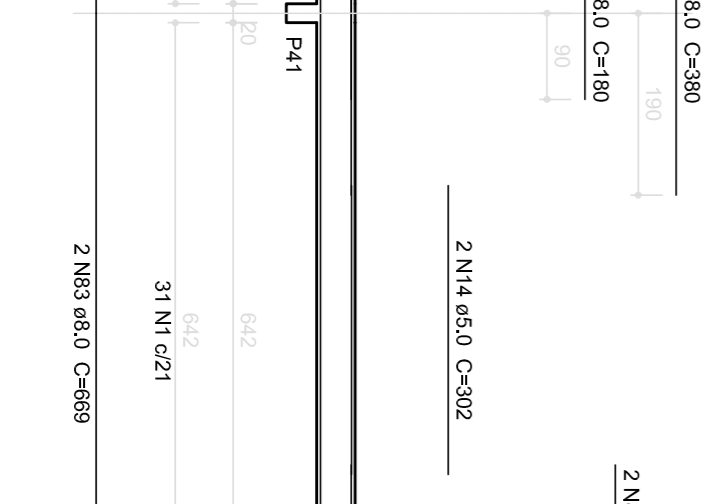
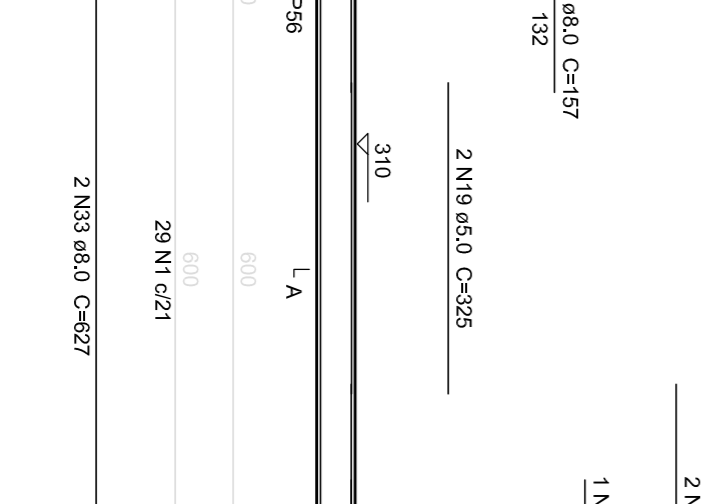
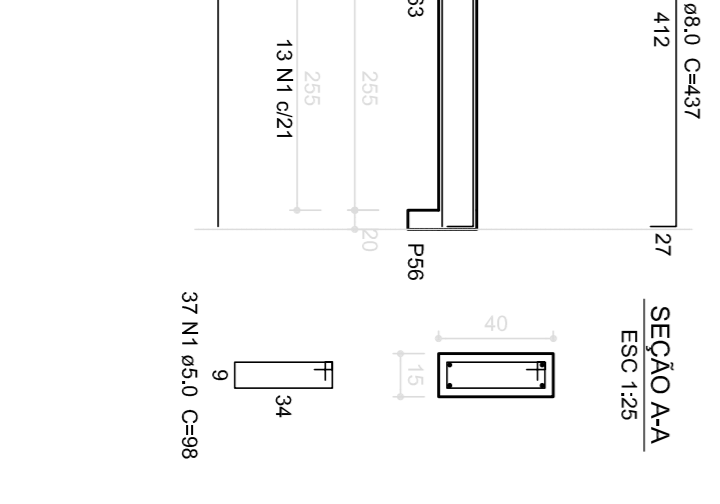
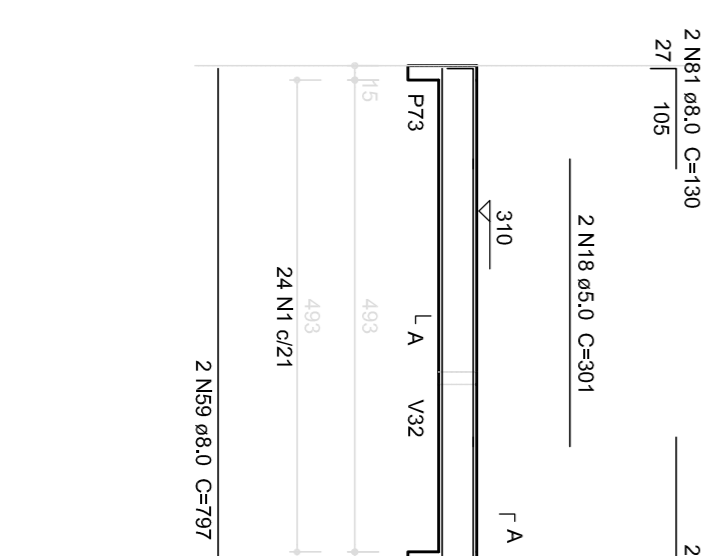
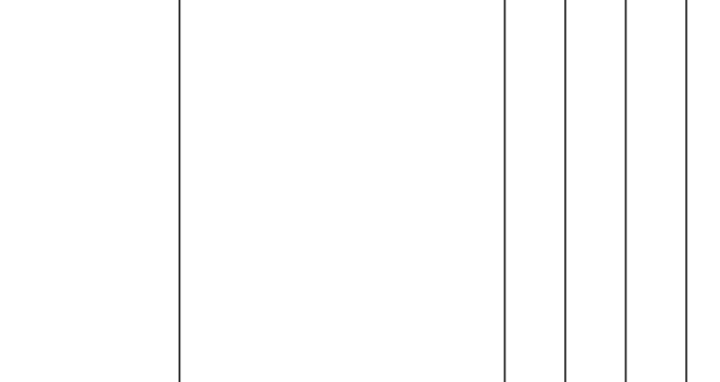
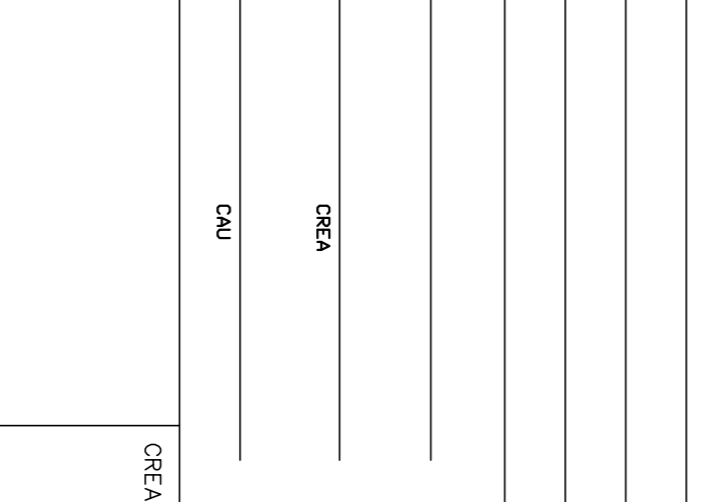
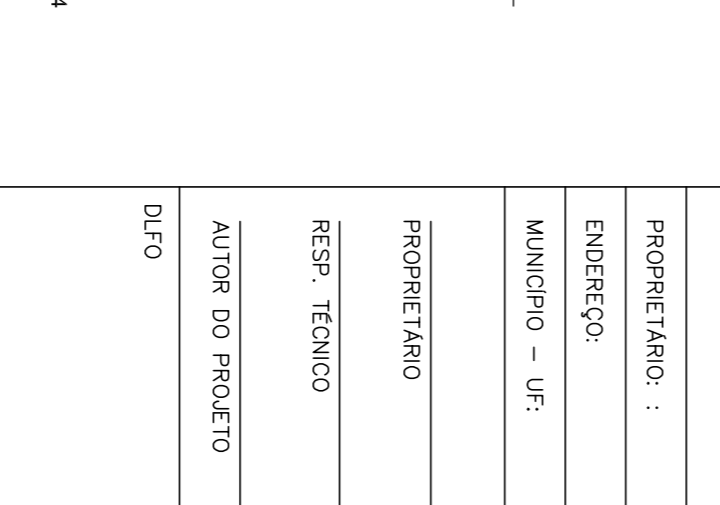
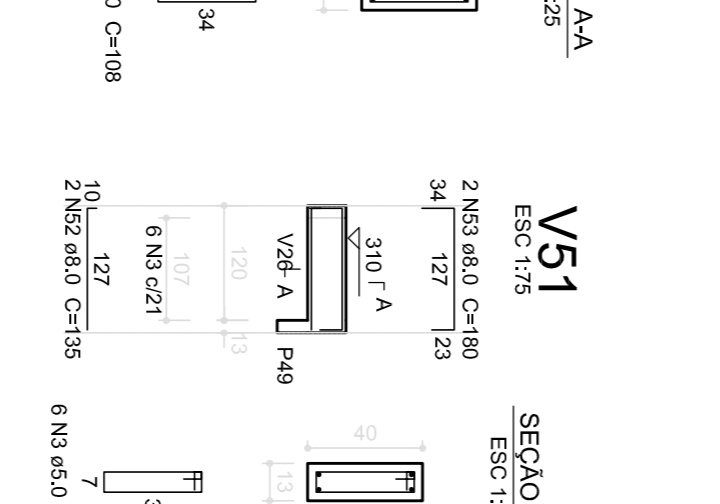
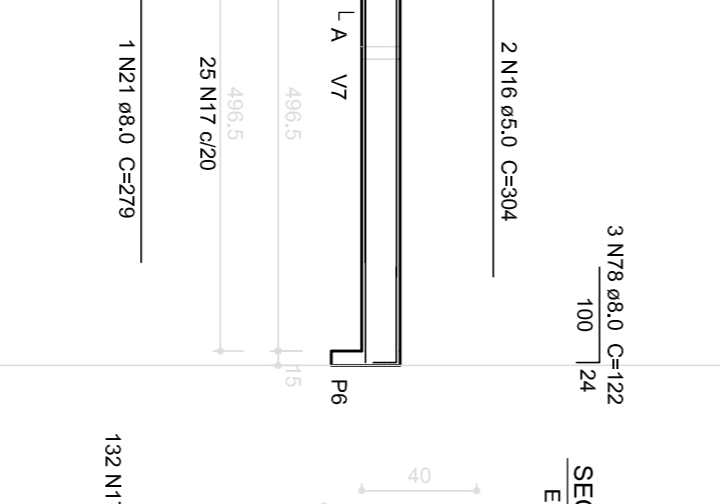
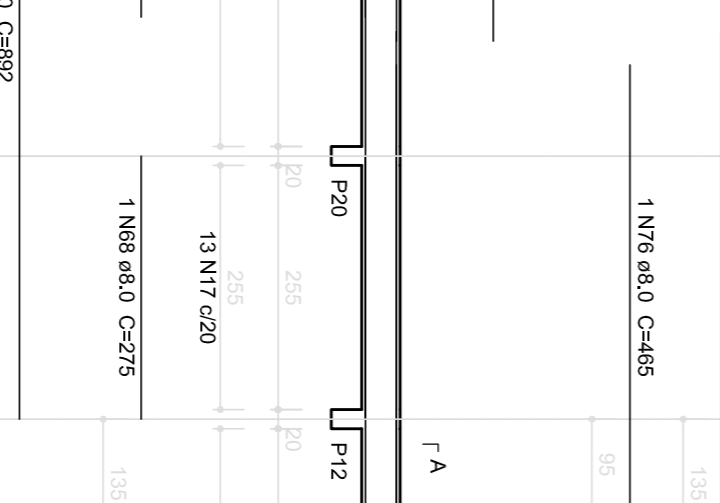
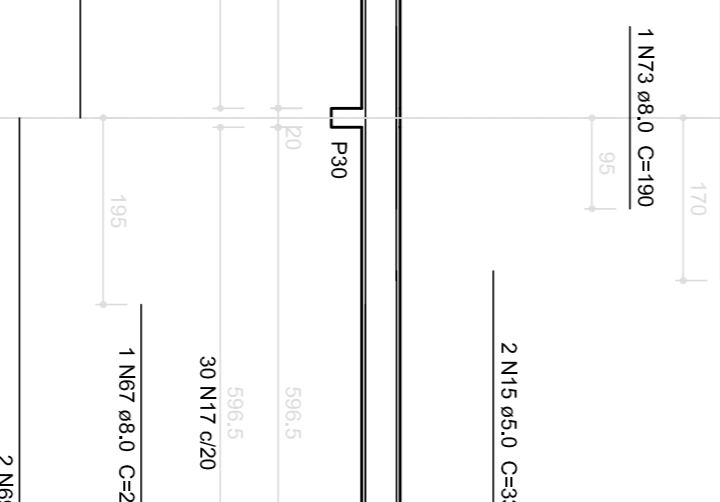
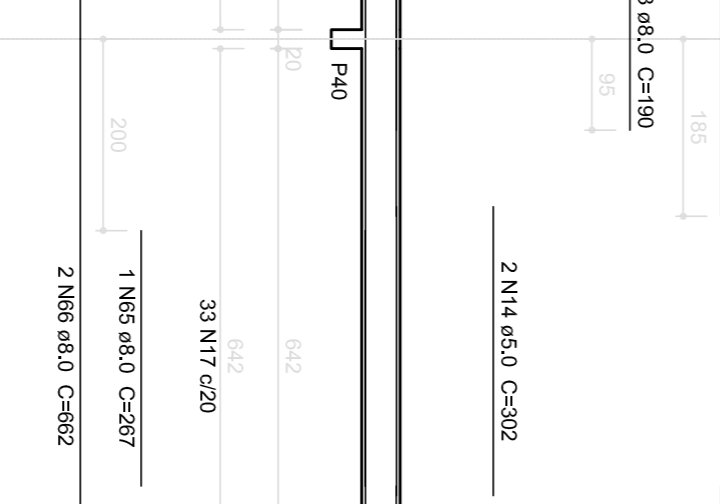
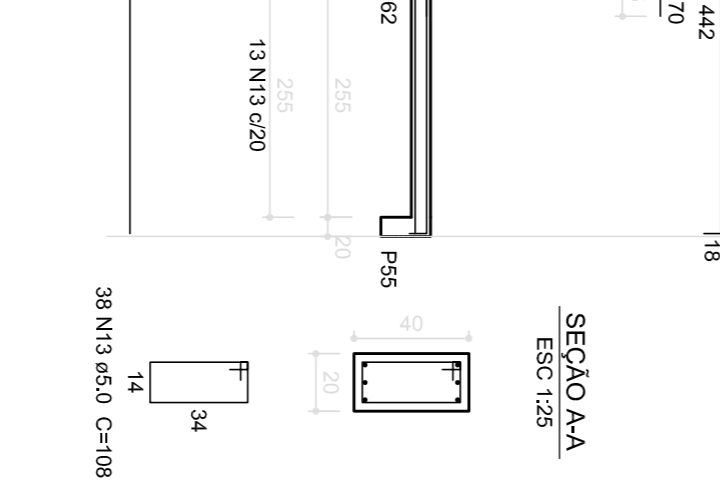
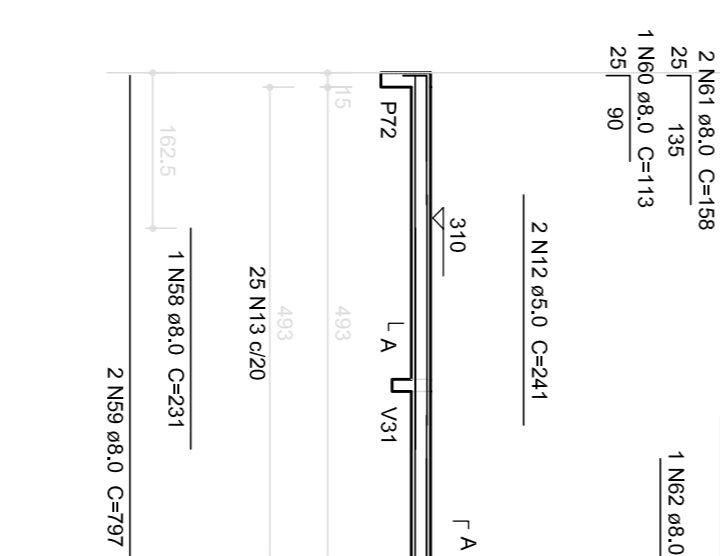
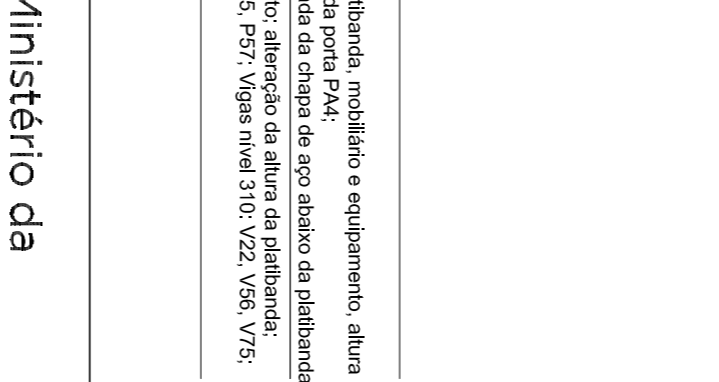
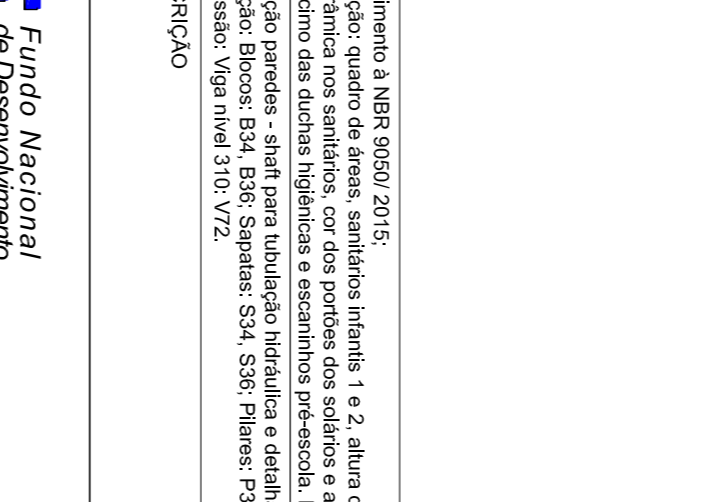
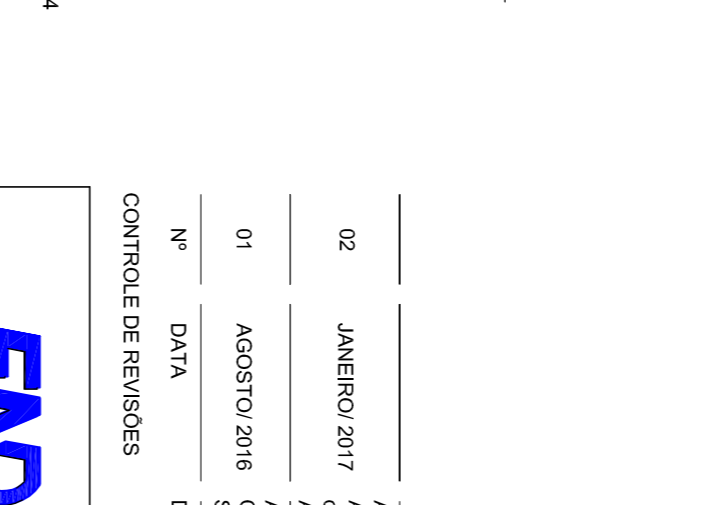
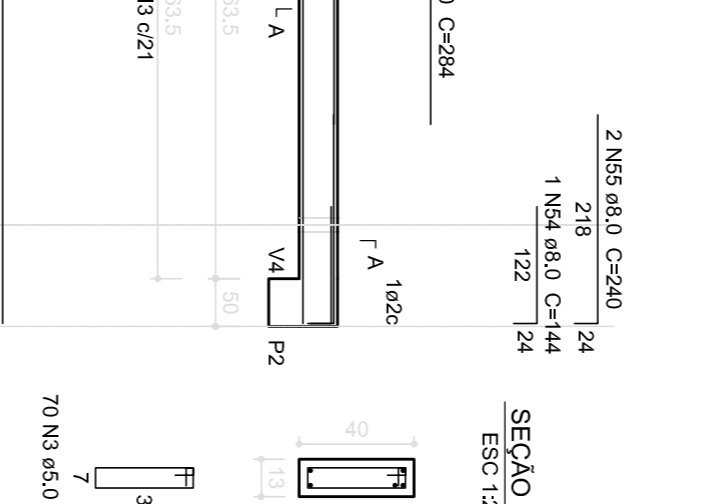
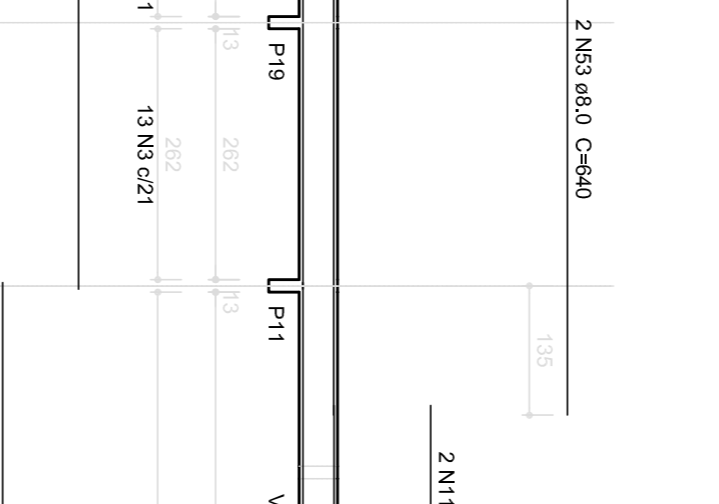
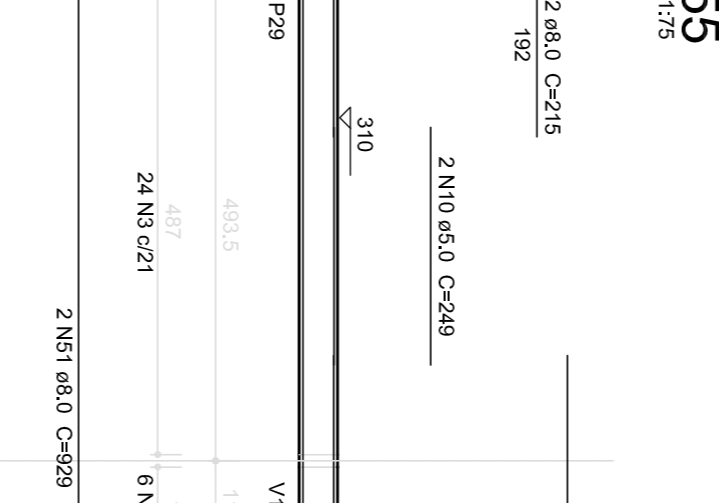
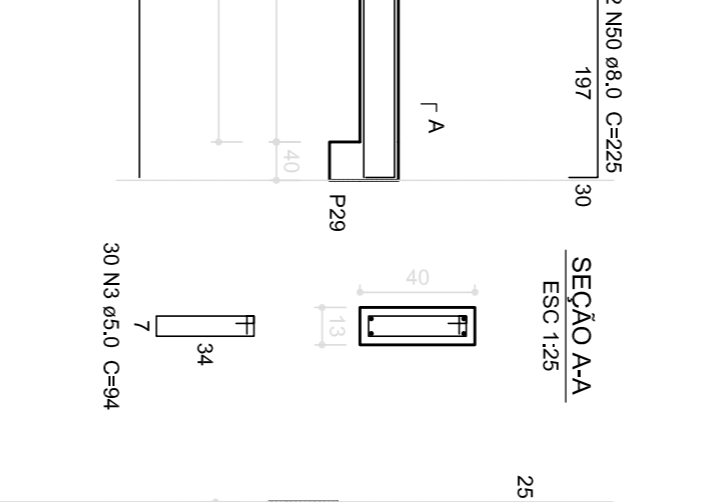
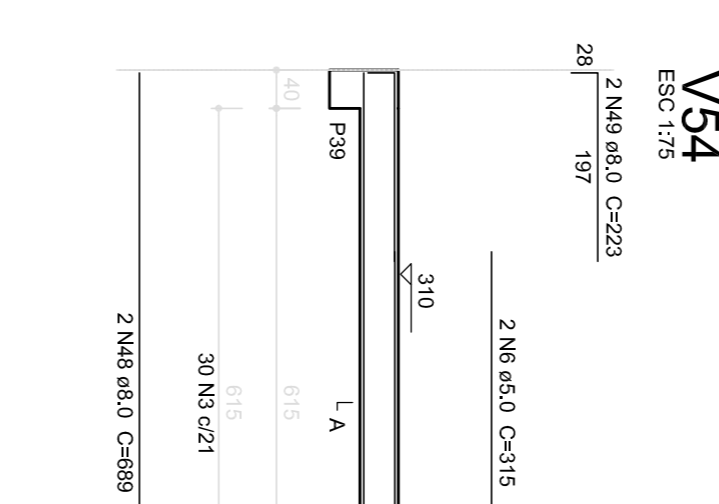
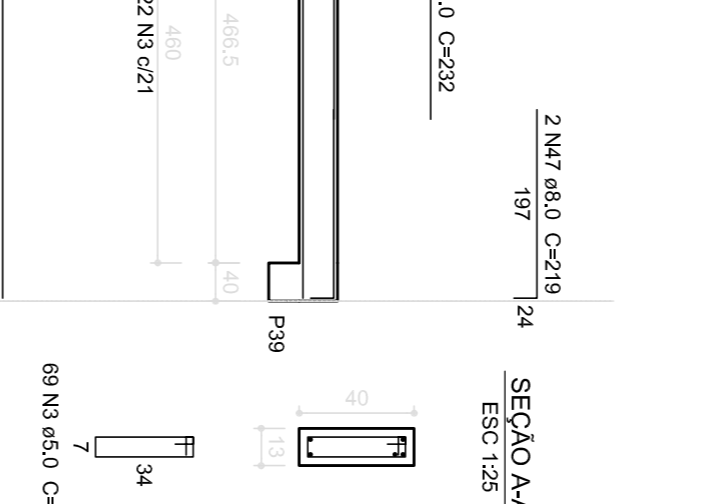
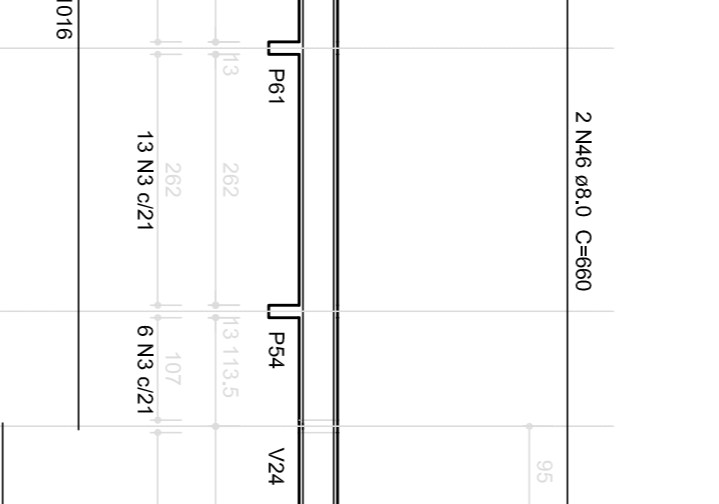
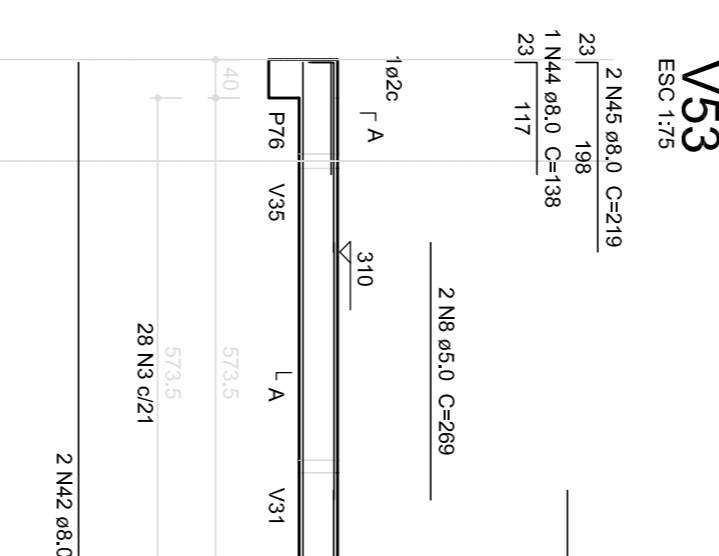
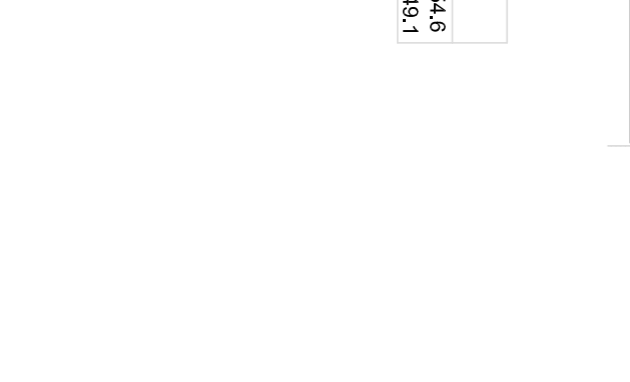
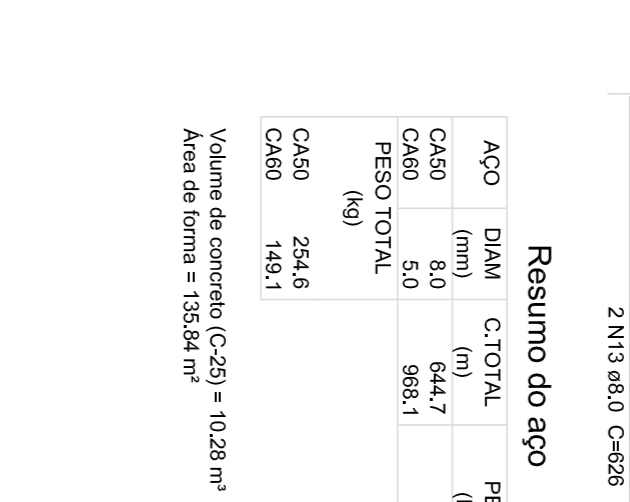
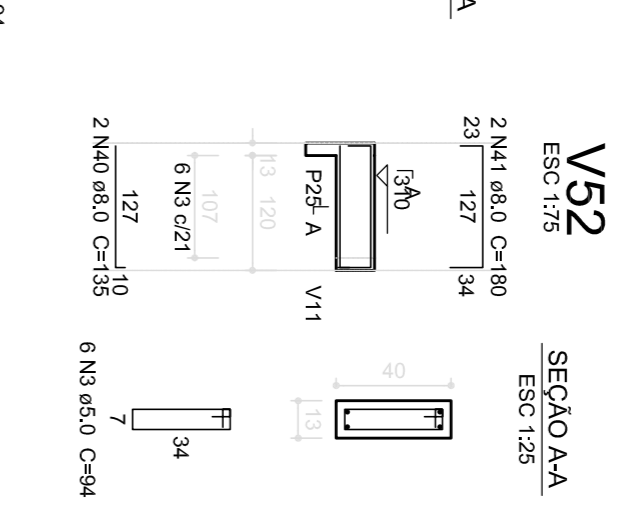
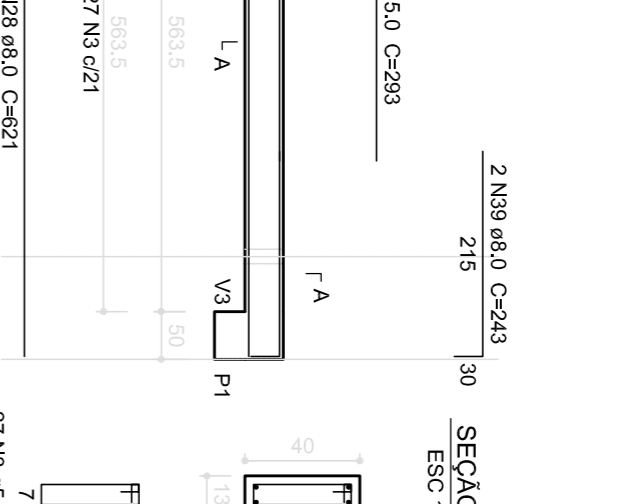
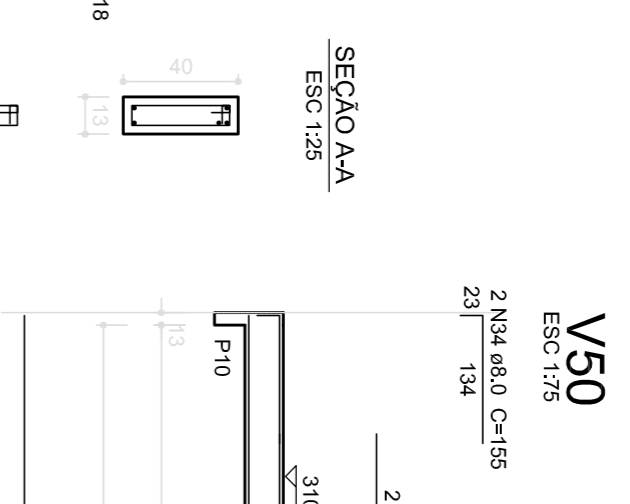
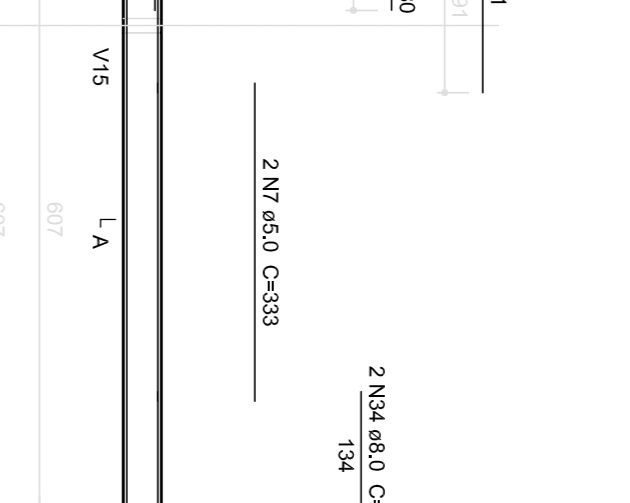
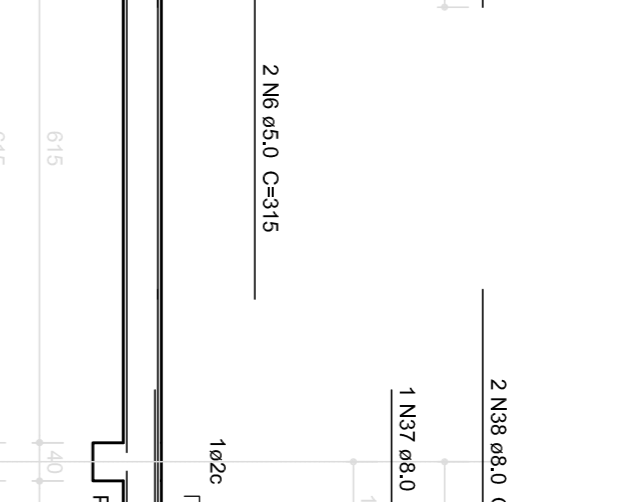
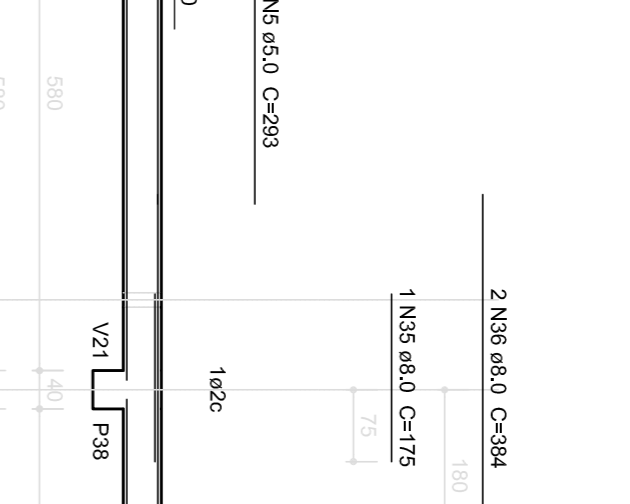
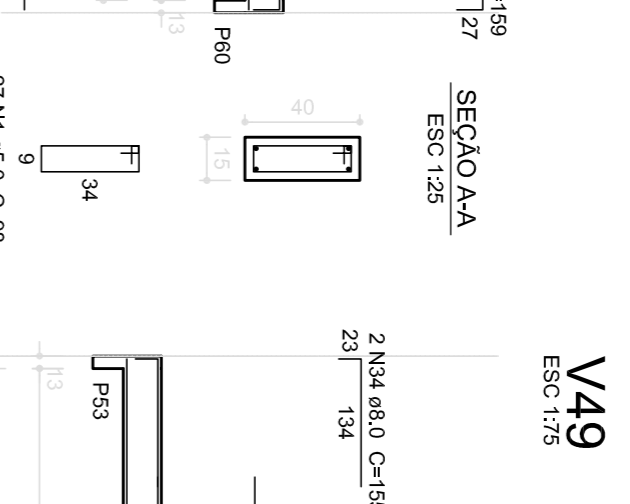
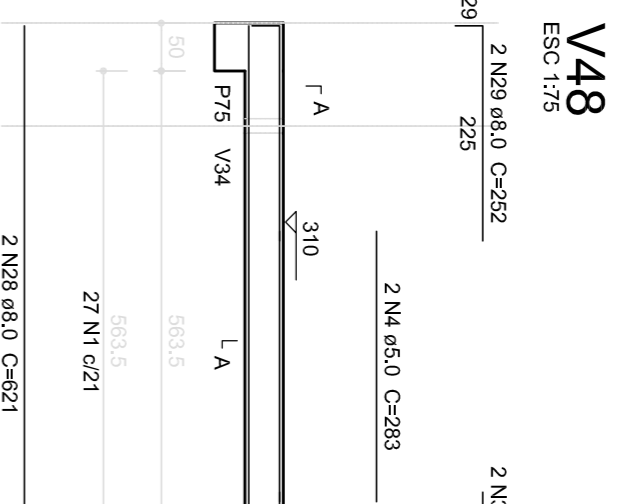
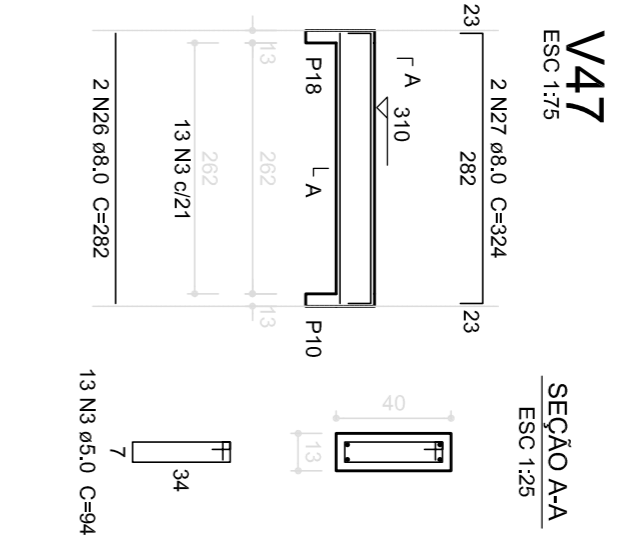
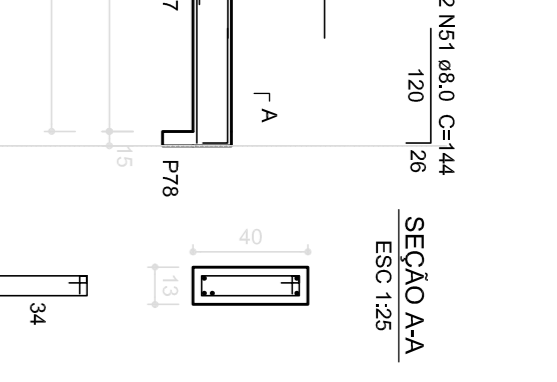
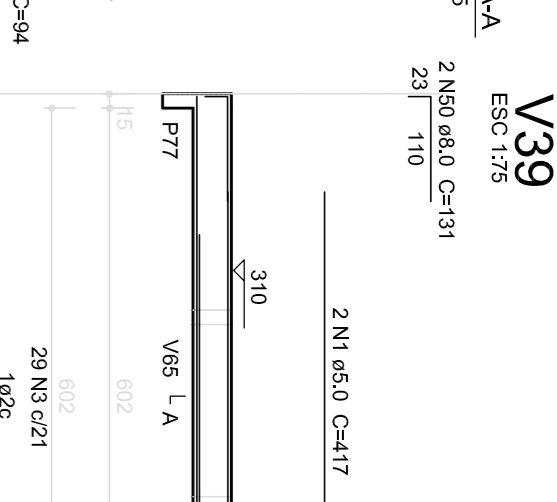
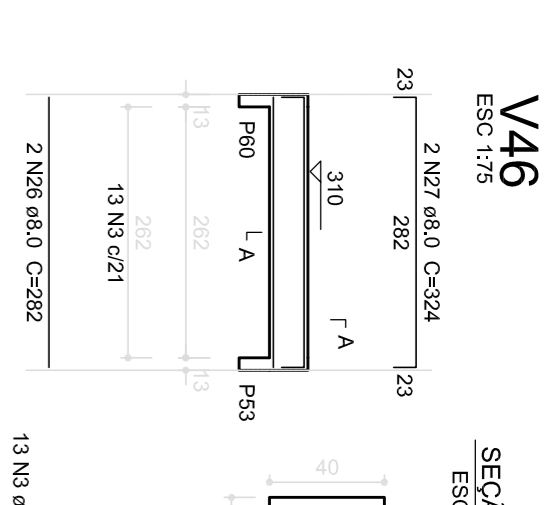
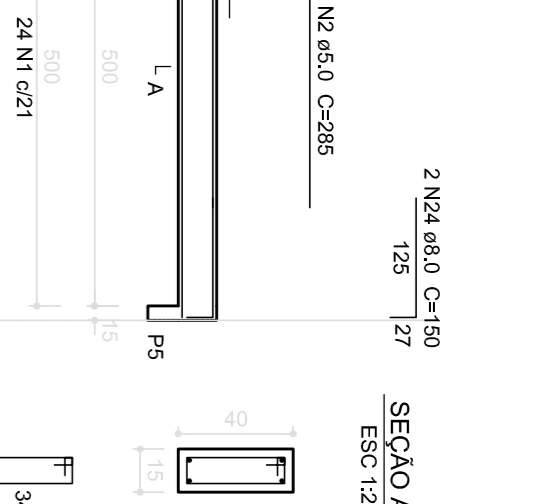
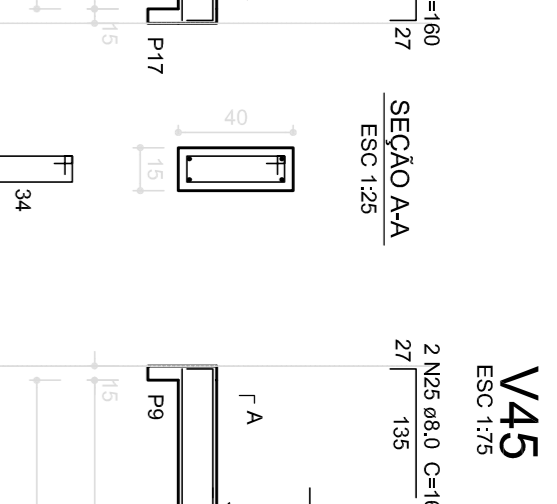
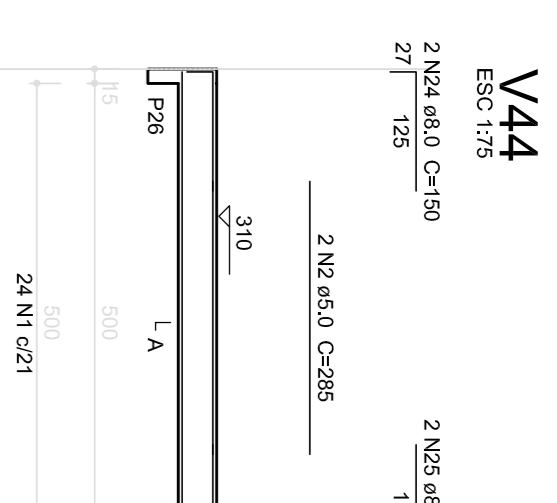
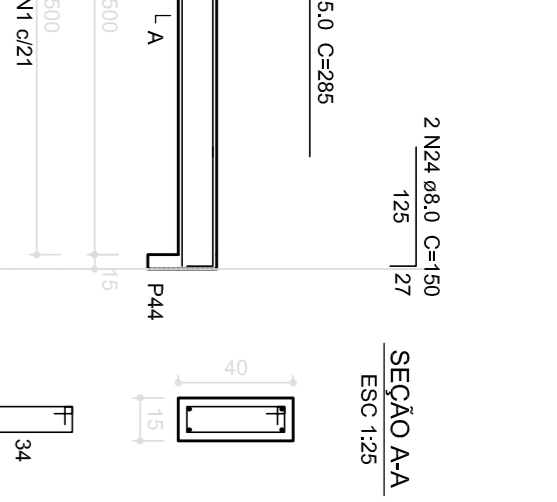
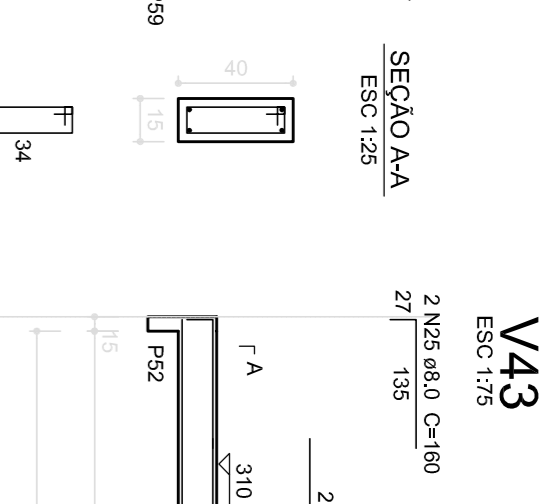
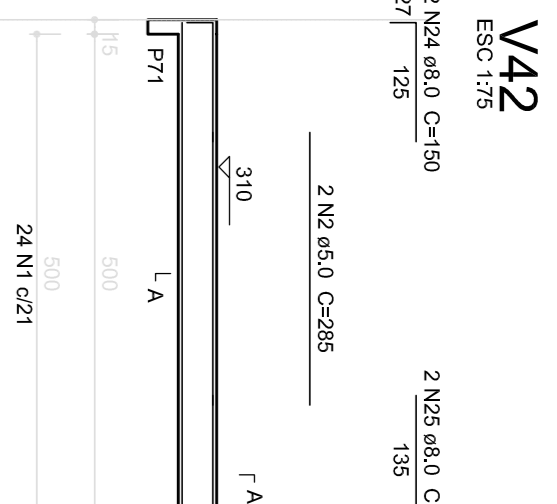
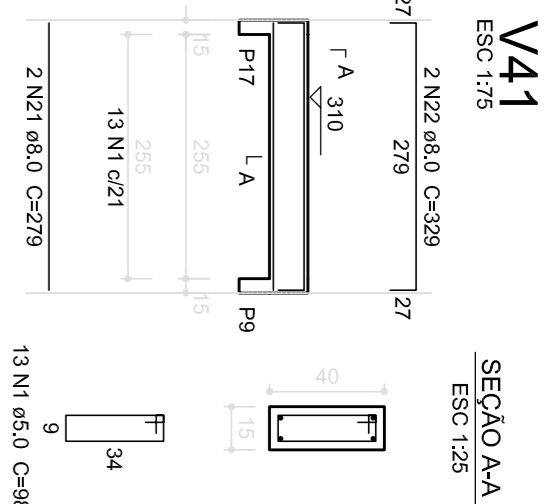
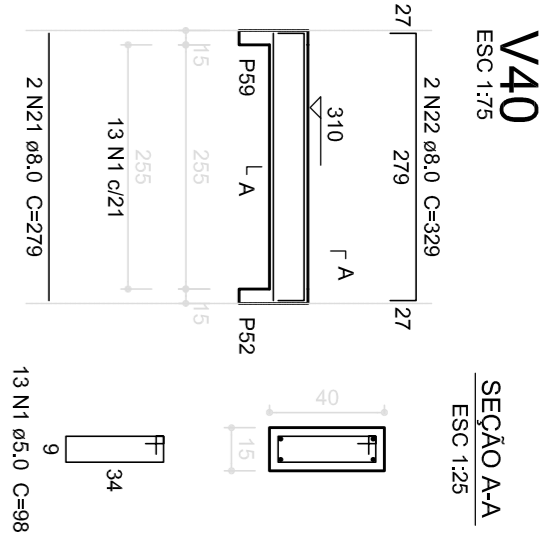
ESTRUTURA DE CONCRETO

VIGAS NÍVEL 310

FORMA E ARMAÇÃO

SCV

12/17



Resumo do aço

ACO	DIAM	C/TOTAL	PESO (kg)
C450	8,0	64,7	254,8
C450	5,0	98,1	148,1
PESO TOTAL	(kg)		
C450	254,8		
C450	148,1		
Volume de concreto (C-25) = 10,29 m ³			
Área de forma = 135,54 m ²			

PROJETO PADRÃO - FNDE

Ministério da Educação

PROPRIETÁRIO: :
 ENDEREÇO:
 MUNICÍPIO - UF:
 PROPRIETÁRIO
 RESP. TÉCNICO
 AUTOR DO PROJETO
 DILFO

PROGRAMA PROINFÂNCIA - PROJETO TIPO 2
PROJETO DE ESTRUTURA

CONVERSÃO
 CGEST - Coordenação
 Geral de Infraestrutura
 Educacional

ESTRUTURA DE CONCRETO
 VIGAS NÍVEL 310
 FORMA E ARMADURA

PRONUNIA
 13/17

1 VIGAS NÍVEL 310
 ESCALA: INDICADA