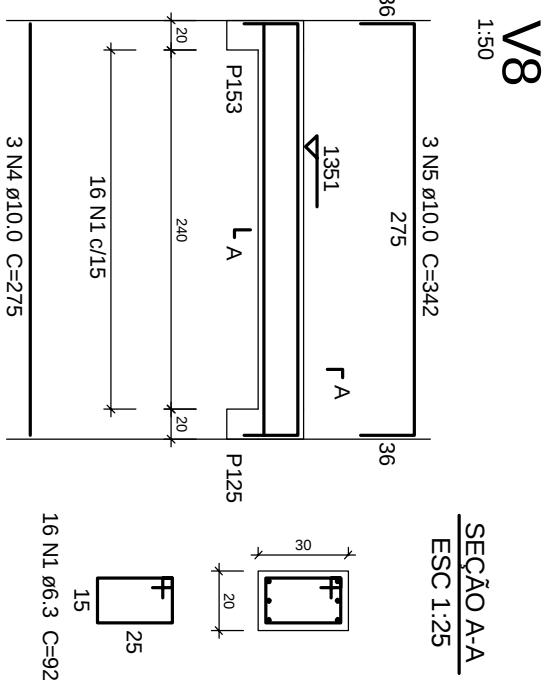
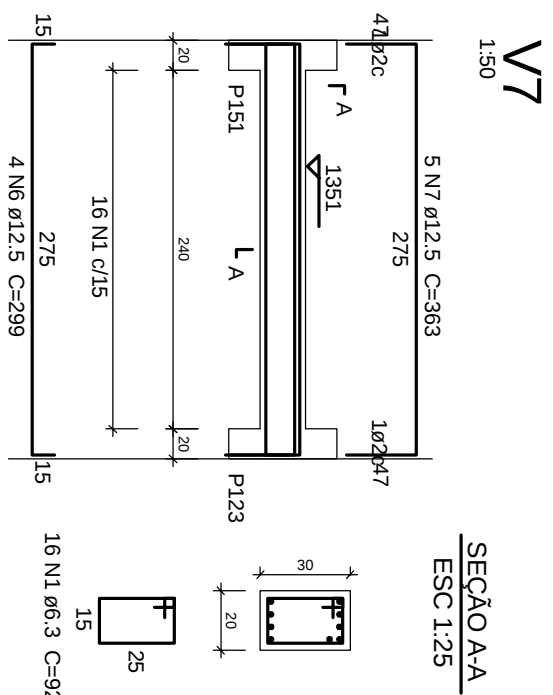
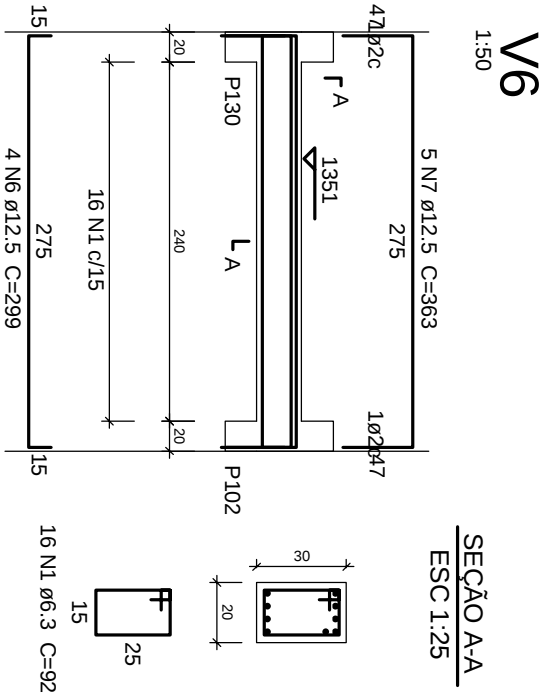
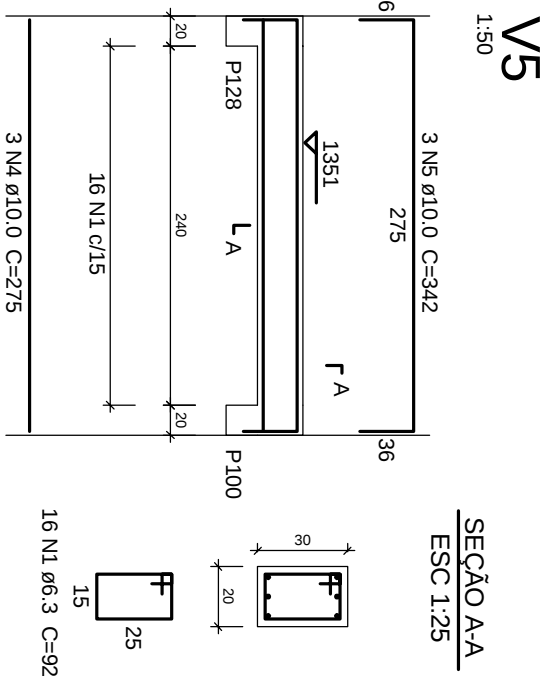
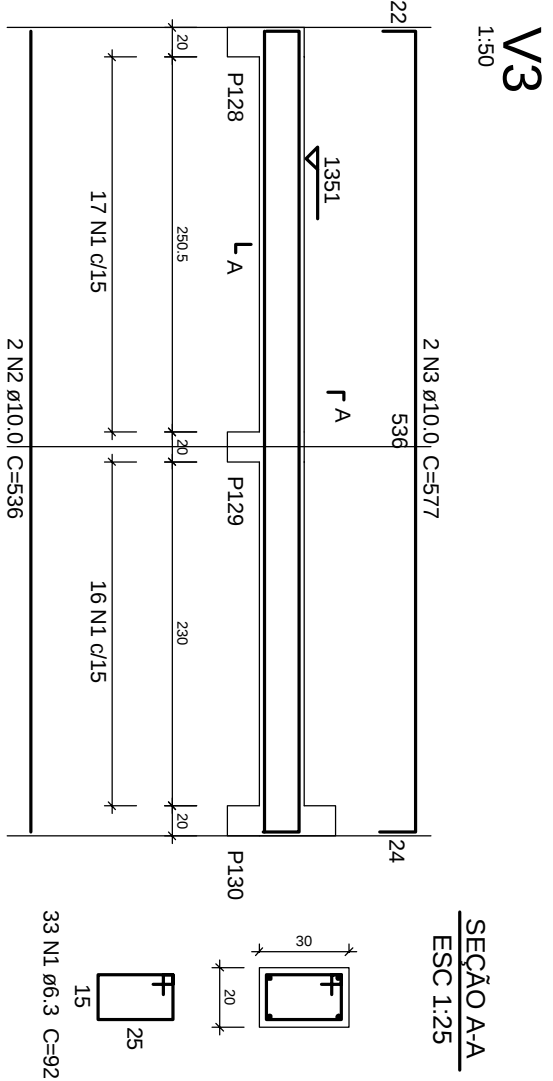
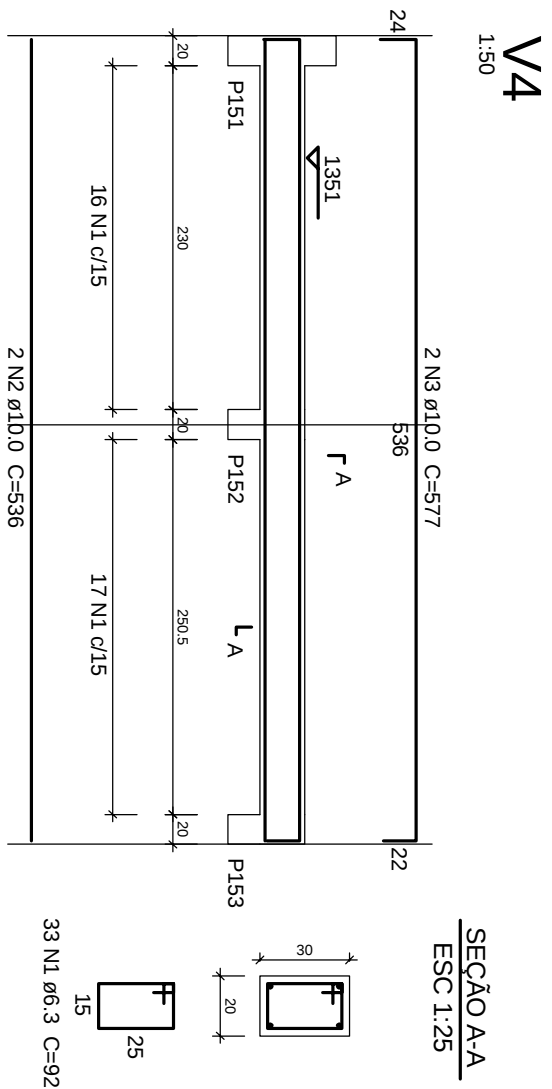
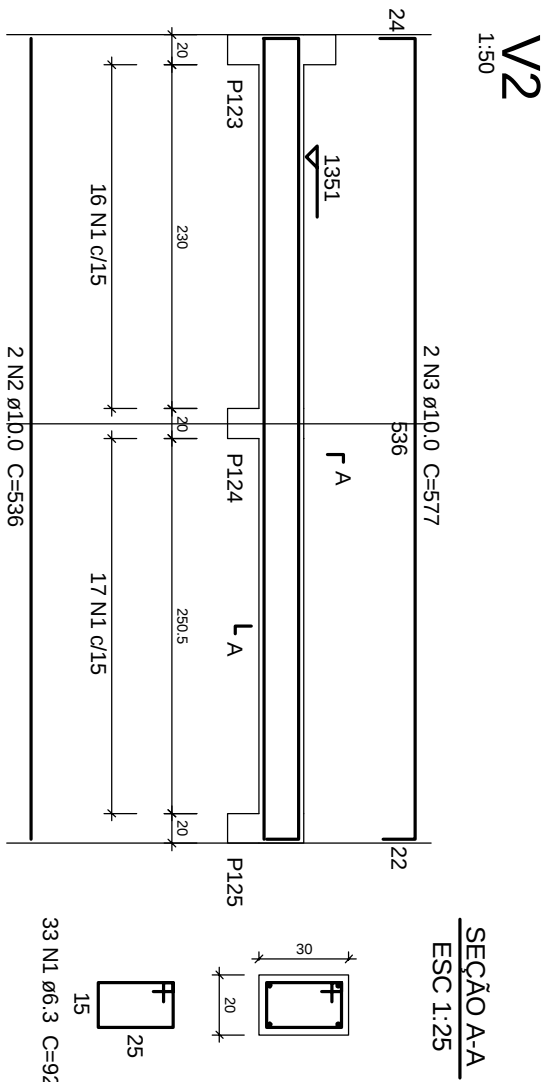
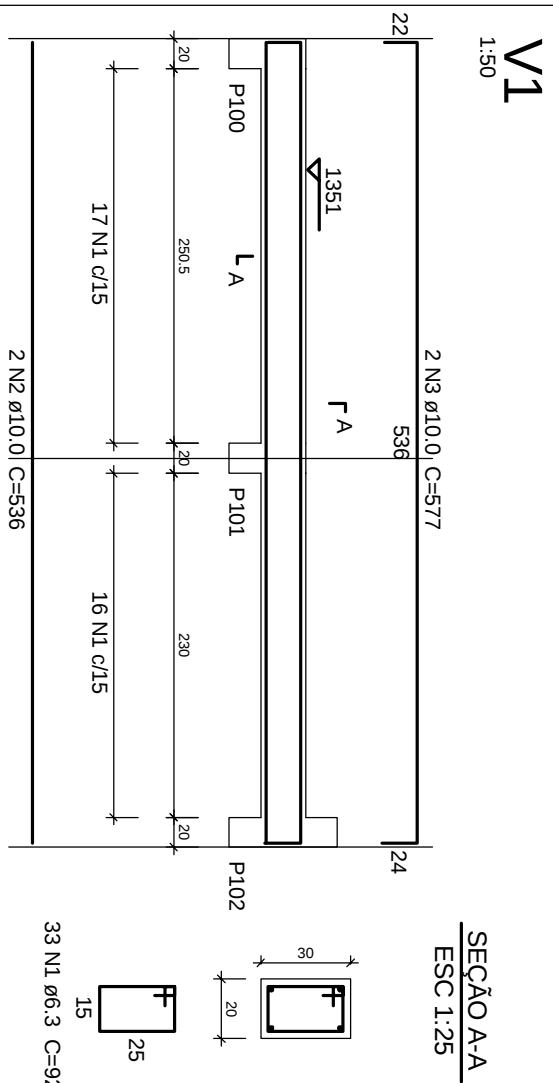




Relação do aço

V1 V2 V3

V4 V5 V6

V7 V8

ACO	N	DIAM	Q	UNIF (cm)	C.TOTAL (cm)
CA50	1	6,3	196	92	18032
	2	10,0	8	539	4288
	3	10,0	8	577	4616
	4	10,0	6	342	2052
	5	10,0	6	299	2392
	6	12,5	8	299	2392
	7	12,5	10	353	3630

Resumo do aço

ACO	DIAM	C.TOTAL (m)	PESO +10 % (kg)
CA50	6,3	180,4	48,5
	10,0	126,1	85,5
	12,5	60,3	83,3
PESO TOTAL			
CA50		197,8	

Vál. de concreto total (C-25) = 1,97 m³

Área de forma total = 26,26 m²

DETALHAMENTO DAS VIGAS DO VOLUME DA CAIXA D'ÁGUA

ESCALA 1:50

PROJETO ESTRUTURAL

MORADIA ESTUDANTIL-BLOCO 1-UFVJM- DIAMANTINA -MG

DETALHAMENTOS

VOLUME DA CAIXA D'ÁGUA

DETALHAMENTO DOS PILARES

Escala: 1/50

Desenho:

Revisão: 0

Data: 14/01/2010

Unidade: cm

DESENHO

01

FOLHA

37/39

Alessandro de Oliveira Alves
Engº Civil - CREA MG 107.372-D
Rodovia MG 367, Km 583 - nº 5000
Diamantina MG - Tel - (38) 8809-8918
alessandro.alves@ufvjm.edu.br