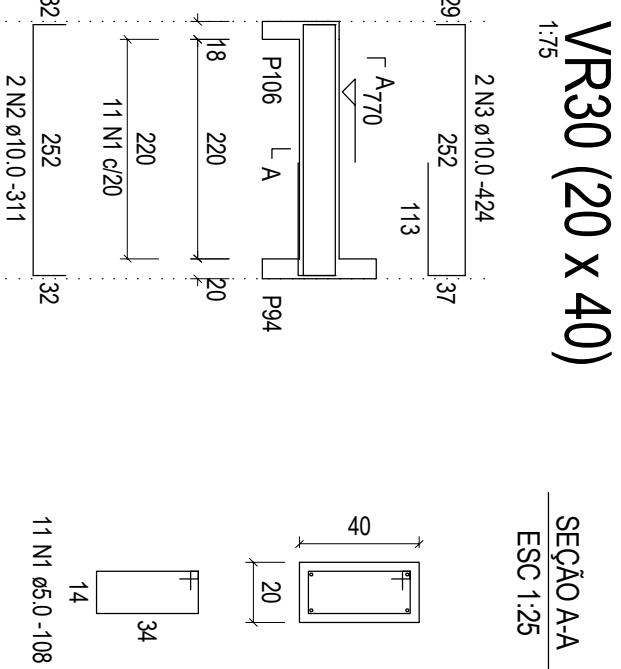
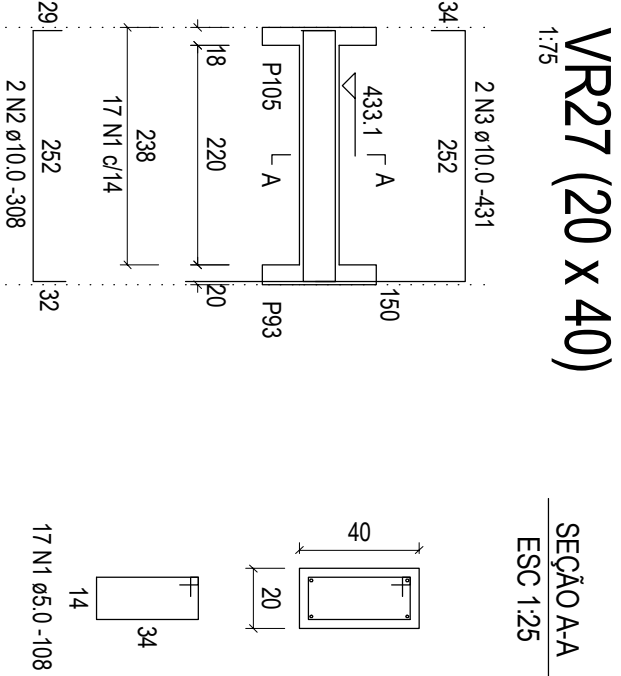
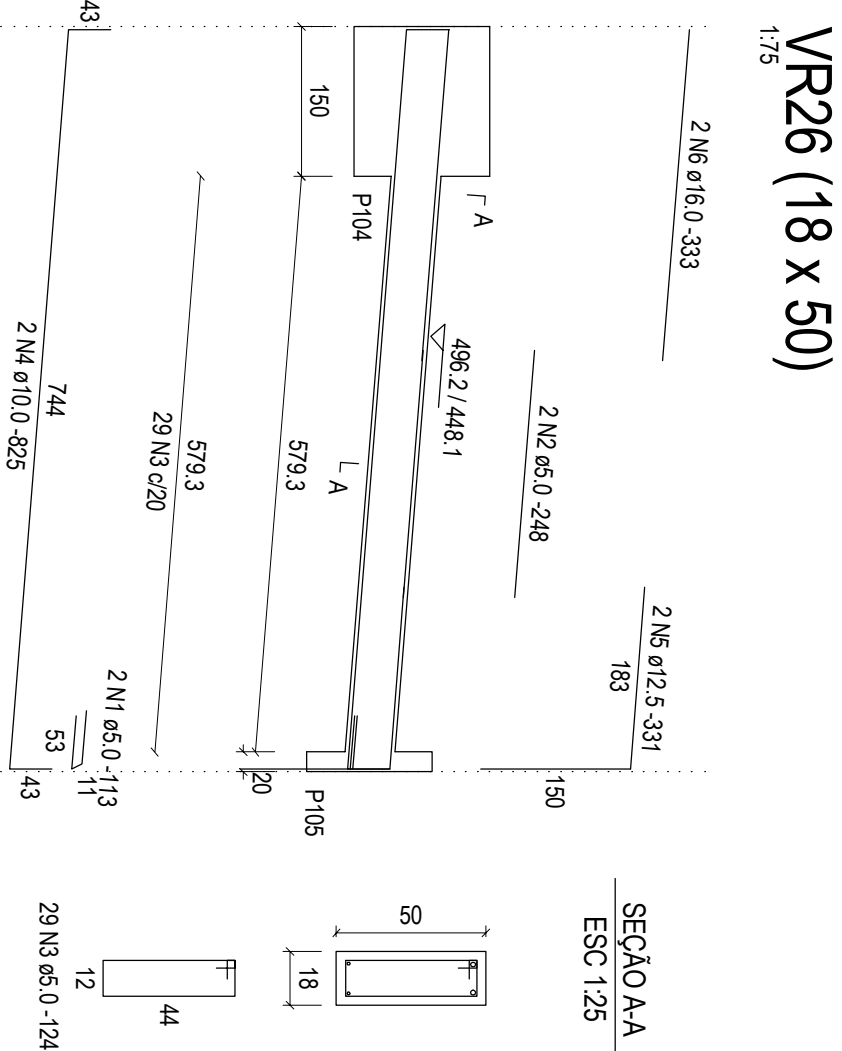
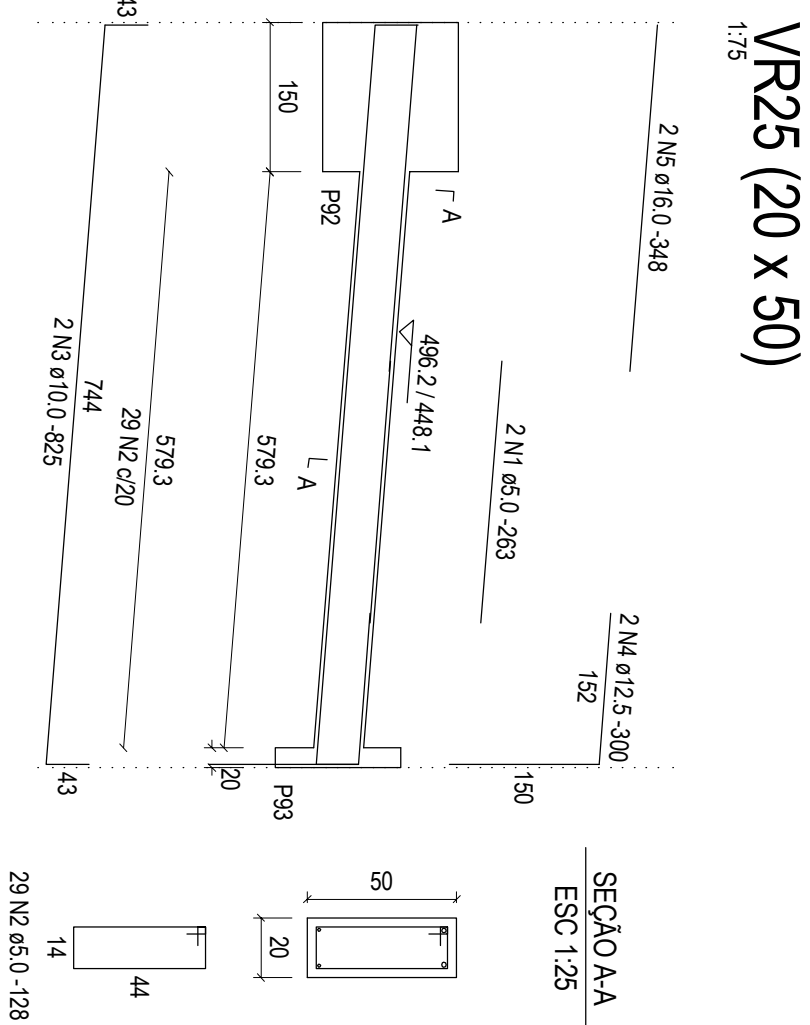
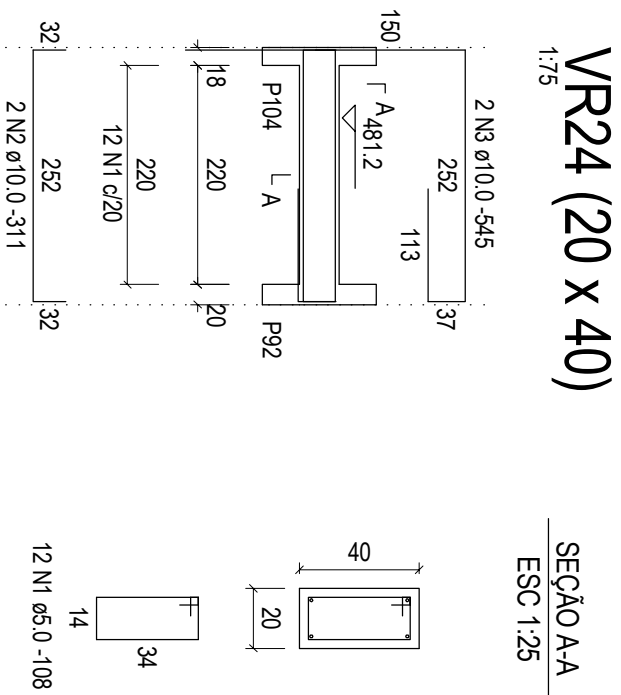


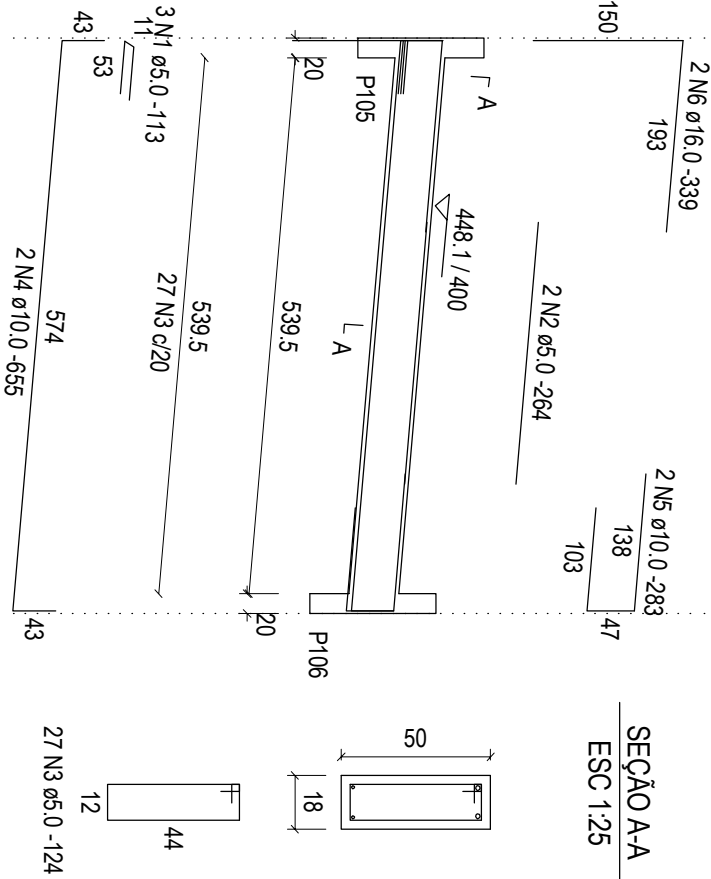
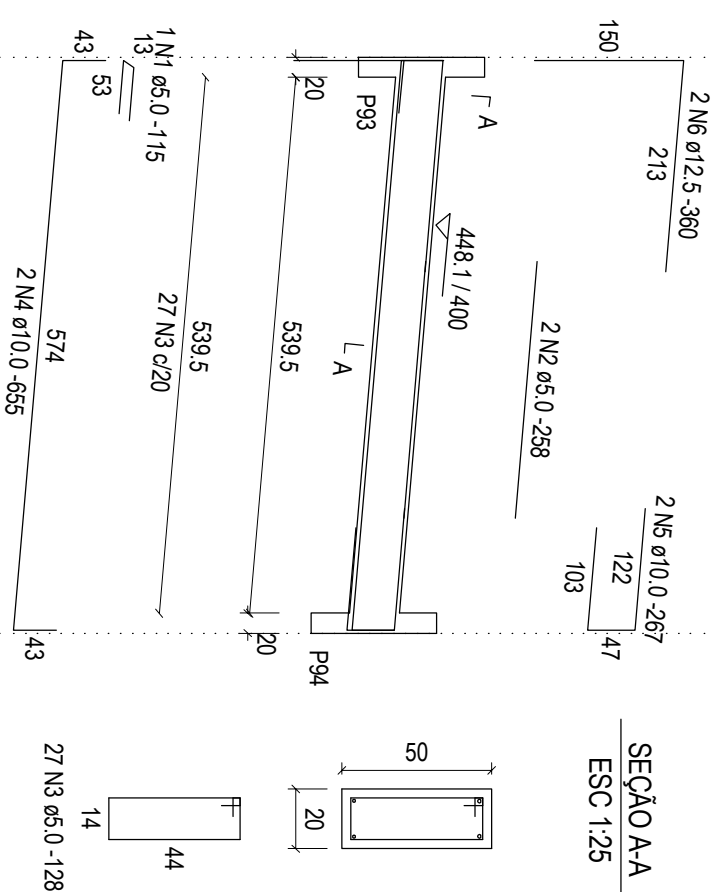
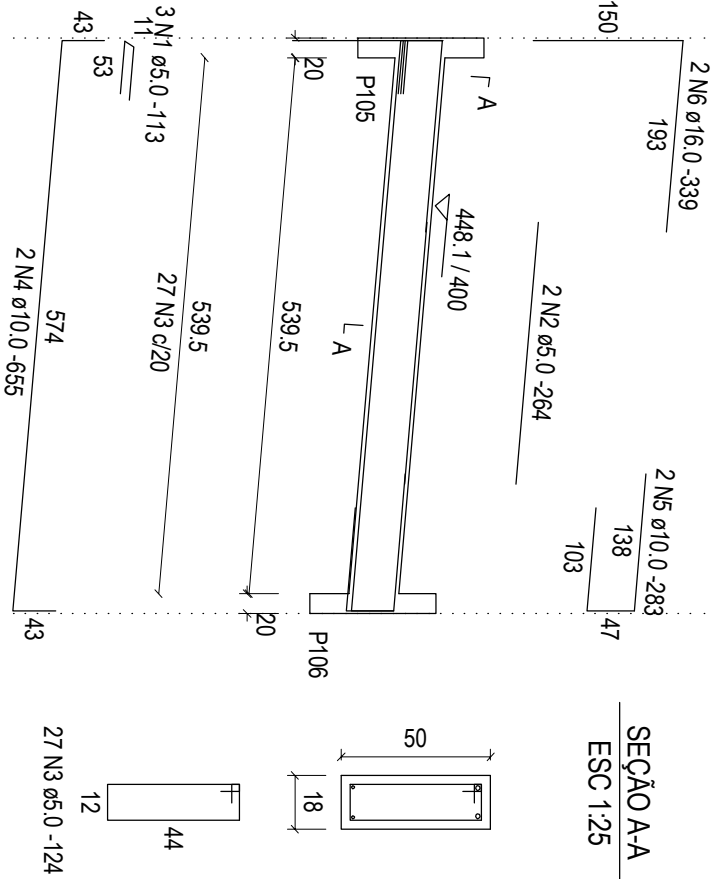


	ELEMENTO	AGE	N	DMM	Q	UNIT (cm)	C TOTAL (cm)
VR24	CA60	1	50	12	108	1256	
	CA60	2	100	2	311	622	
	CA60	3	100	2	545	1050	
	CA60	1	50	2	263	506	
	CA60	2	50	29	128	3712	
VR25	CA60	3	100	2	825	1650	
	CA60	4	125	2	300	600	
	CA60	5	160	2	348	696	
	CA60	1	50	2	113	226	
	CA60	2	50	29	128	3566	
VR26	CA60	4	100	2	825	1650	
	CA60	3	50	2	248	496	
	CA60	2	50	2	113	226	
	CA60	4	100	2	825	1650	
	CA60	5	125	2	333	666	
VR27	CA60	6	160	2	333	666	
	CA60	5	17	108	1836	3672	
	CA60	1	100	2	308	616	
	CA60	2	100	2	431	862	
	CA60	3	50	1	115	115	
VR28	CA60	2	50	2	258	516	
	CA60	3	50	27	128	3456	
	CA60	4	100	2	655	1310	
	CA60	5	100	2	267	534	
	CA60	6	125	2	360	720	
VR29	CA60	1	50	3	113	339	
	CA60	2	50	2	124	248	
	CA60	3	50	27	128	3348	
	CA60	4	100	2	655	1310	
	CA60	5	100	2	283	566	
VR30	CA60	6	160	2	338	678	
	CA60	1	50	11	108	1188	
	CA60	2	100	2	311	622	
	CA60	3	100	2	424	848	
	CA60	4	100	2	424	848	

Resumo do aço

AÇO	DIAM	C. TOTAL (m)	PESO (kg)
CA50	10,0	116,8	72
	12,5	19,9	19,1
	16,0	20,4	32,2
CA60	5,0	211,8	32,6
PESO TOTAL			
CA50			123,3
CA60			32,6

Vol. de concreto total (C-25) = 3.15 m³
Área de forma total = 39.38 m²

3 m²VR28 (20 x 50)
1.75VR29 (18 x 50)
1-75[illegible]

PROJETO ESTRUTURAL

FAST:

PAVILHÃO DE SALAS DE AULA II
CAMPUS JK / DIAMANTINA

RODOVIA MG 367, KM 583, Nº 5000 - ALTO DA JACUBA - DIAMANTINAMG

PRITÁRIO:	UNIVERSIDADE FEDERAL DOS VALES DO JECUITINHONHA E MUCURI	CNPJ	16.888.315/0001-57
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VIGAS DA RAMPA - PARTE 02

AUTOR PROJETO ARQUITETÔNICO / RT:

MACEDO SIQUEIRA PROJETOS & ENGENHARIA LTDA-ME

RT: ENG. CIVIL: ANTONIO AUGUSTO DE MACEDO - CREC: 81.746/D
RUA MARGARIDA CORTONA N.º 799, CANAAN, SETE LAGOAS/MG

RUA MARGARIDA CORTONA, N.º 799, CAMAÇÃ, SETE I

A. MACEDO
Projetos e Engenharia
www.amacedoengenharia.com.br

VERSÃO:

30.08.2011

$$21/48$$