

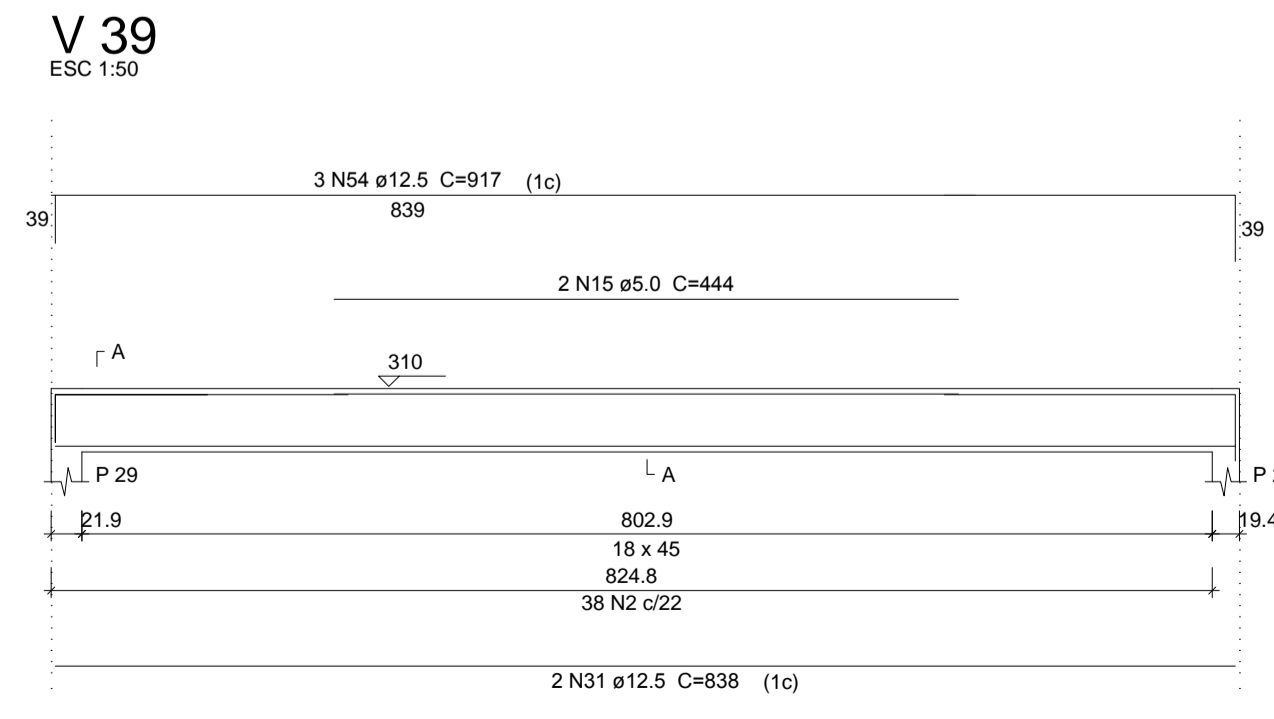
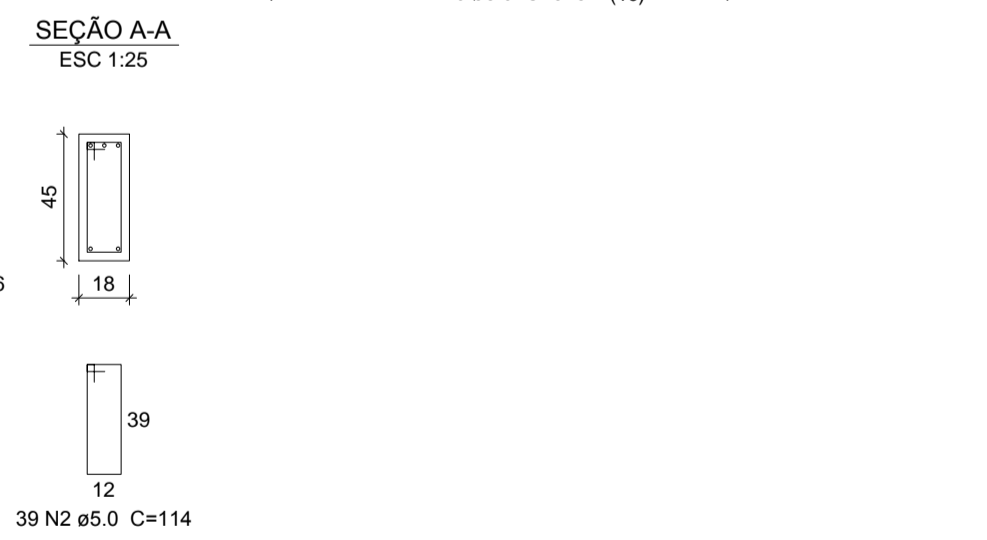
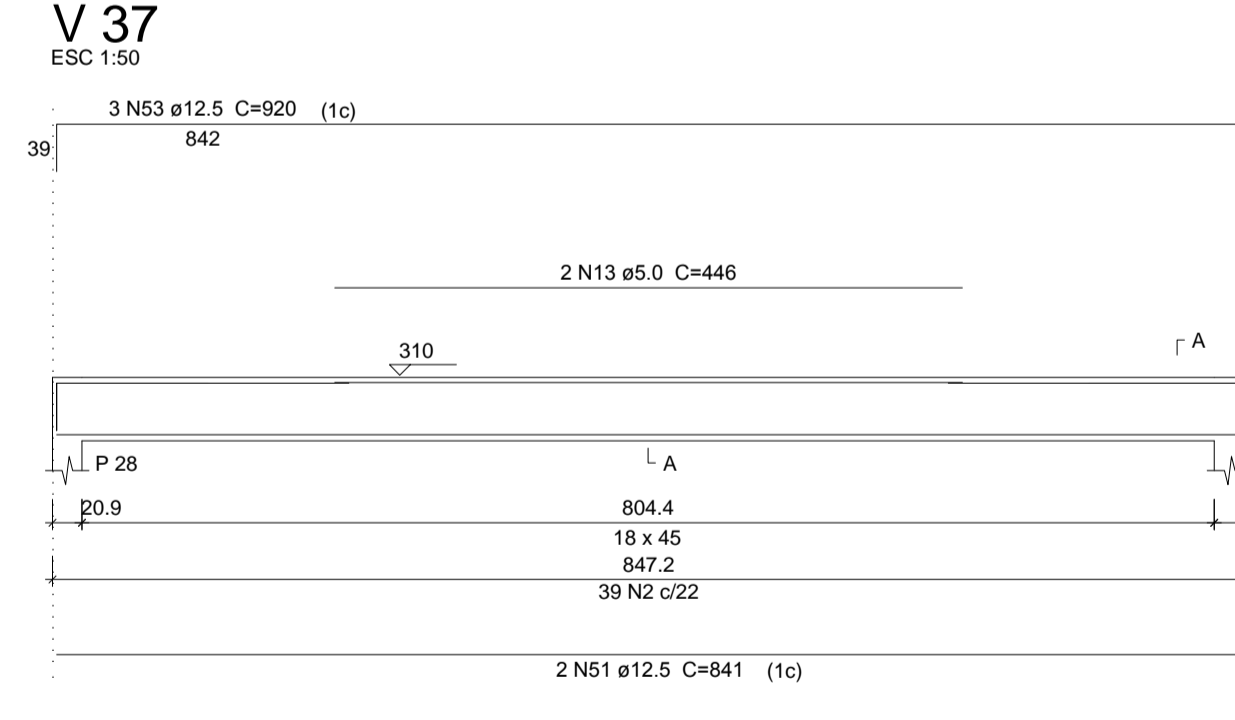
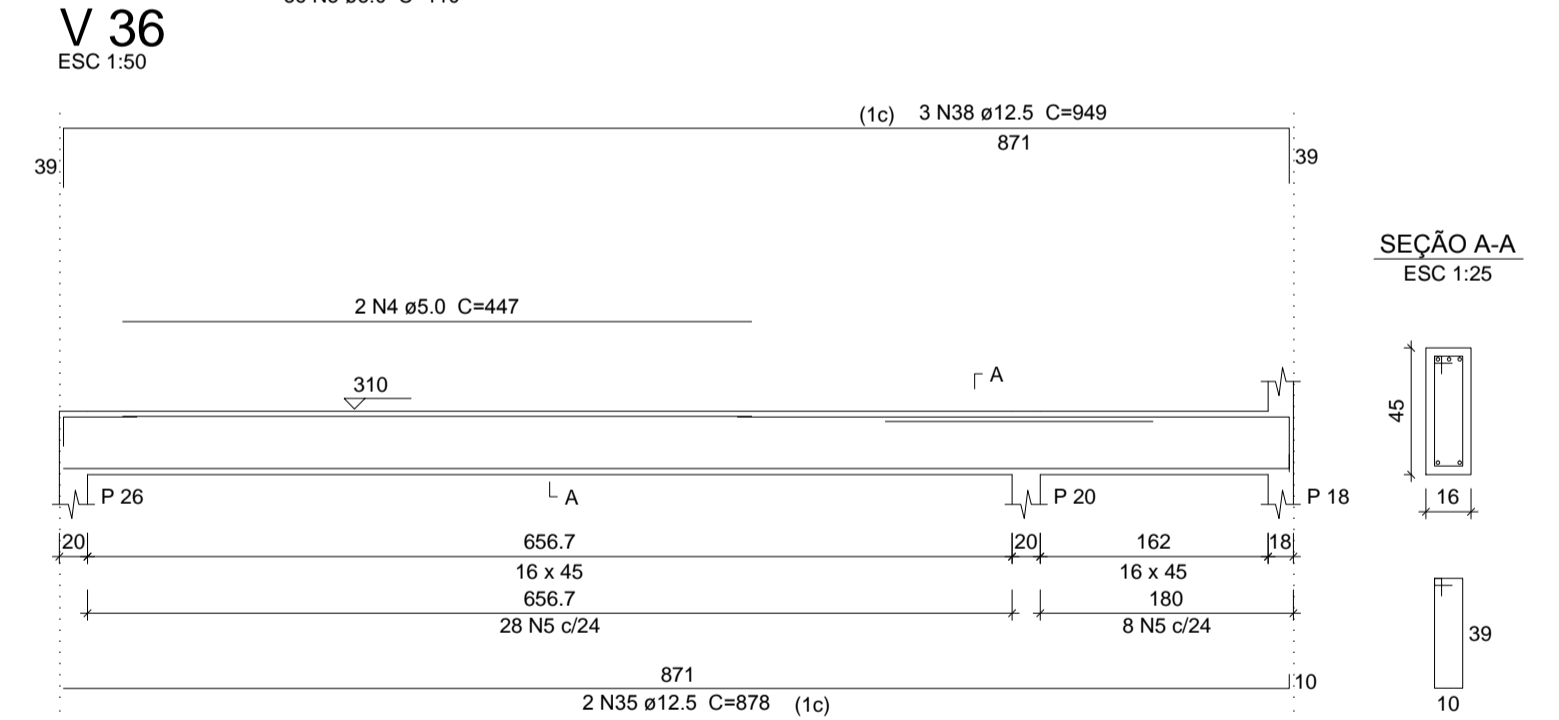
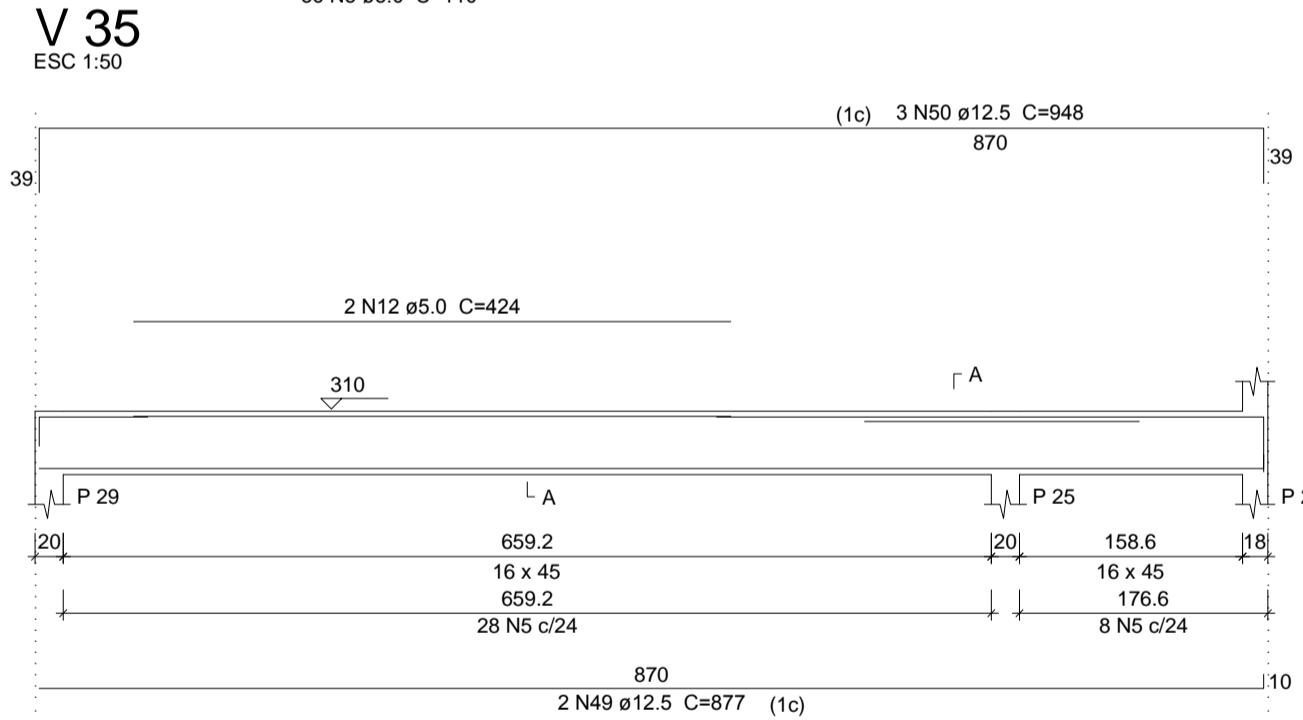
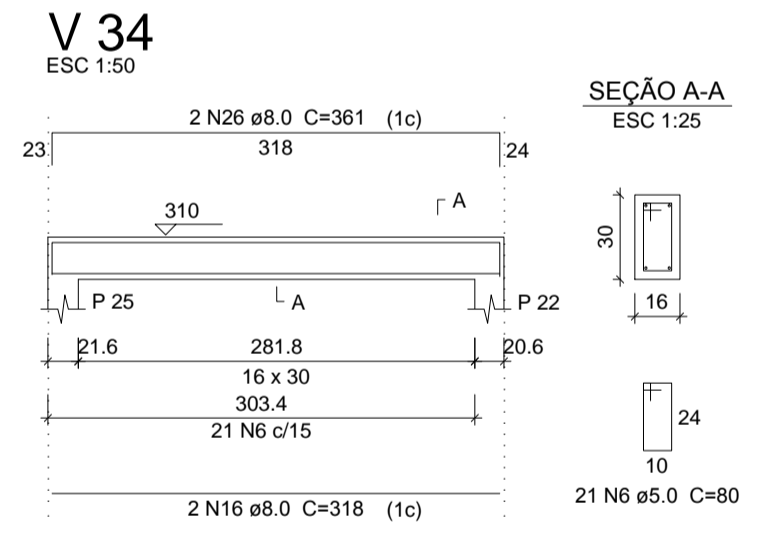
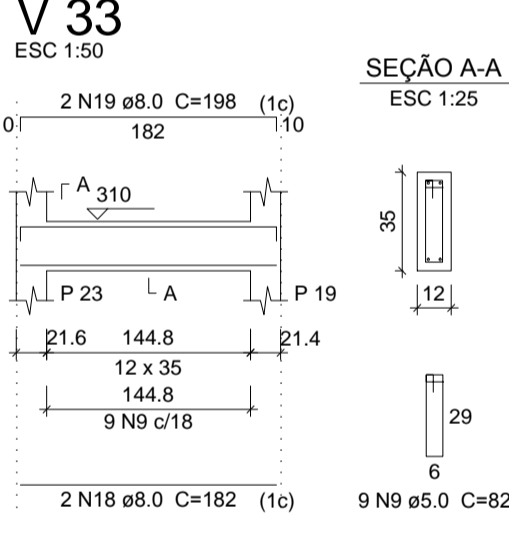
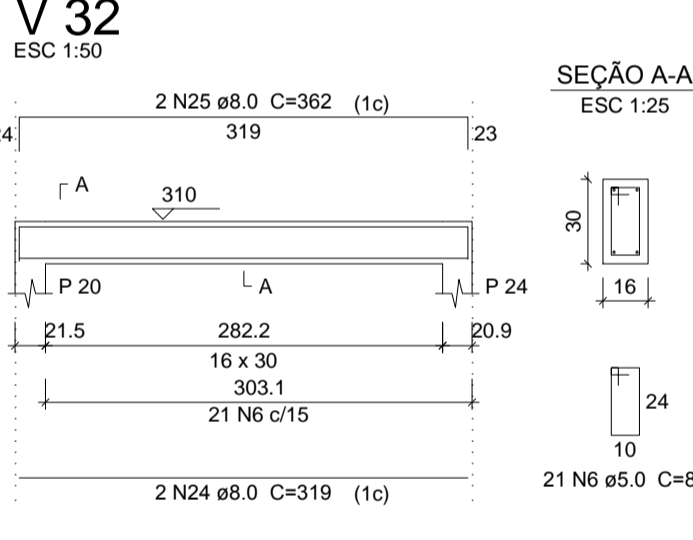
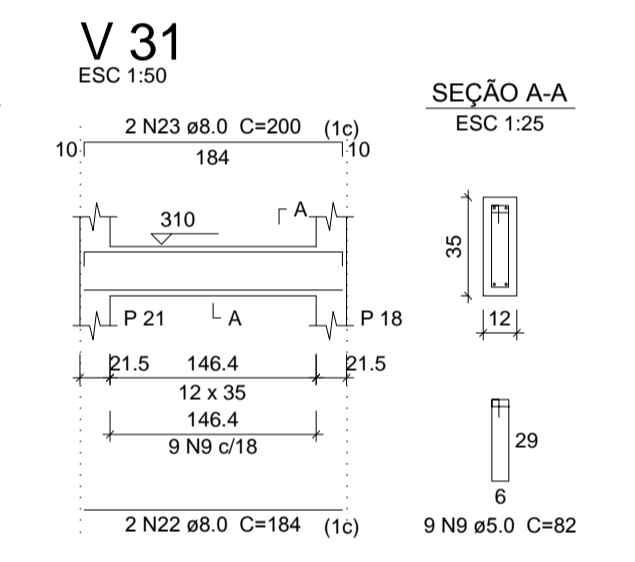
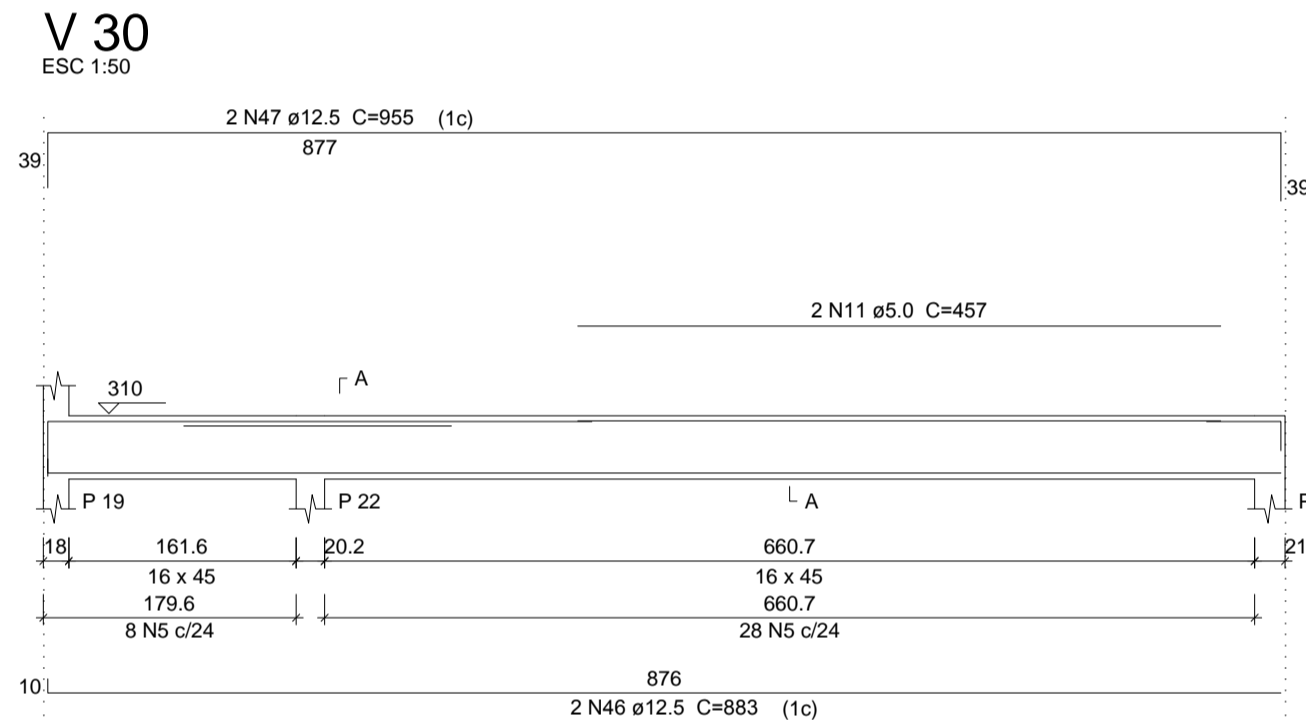
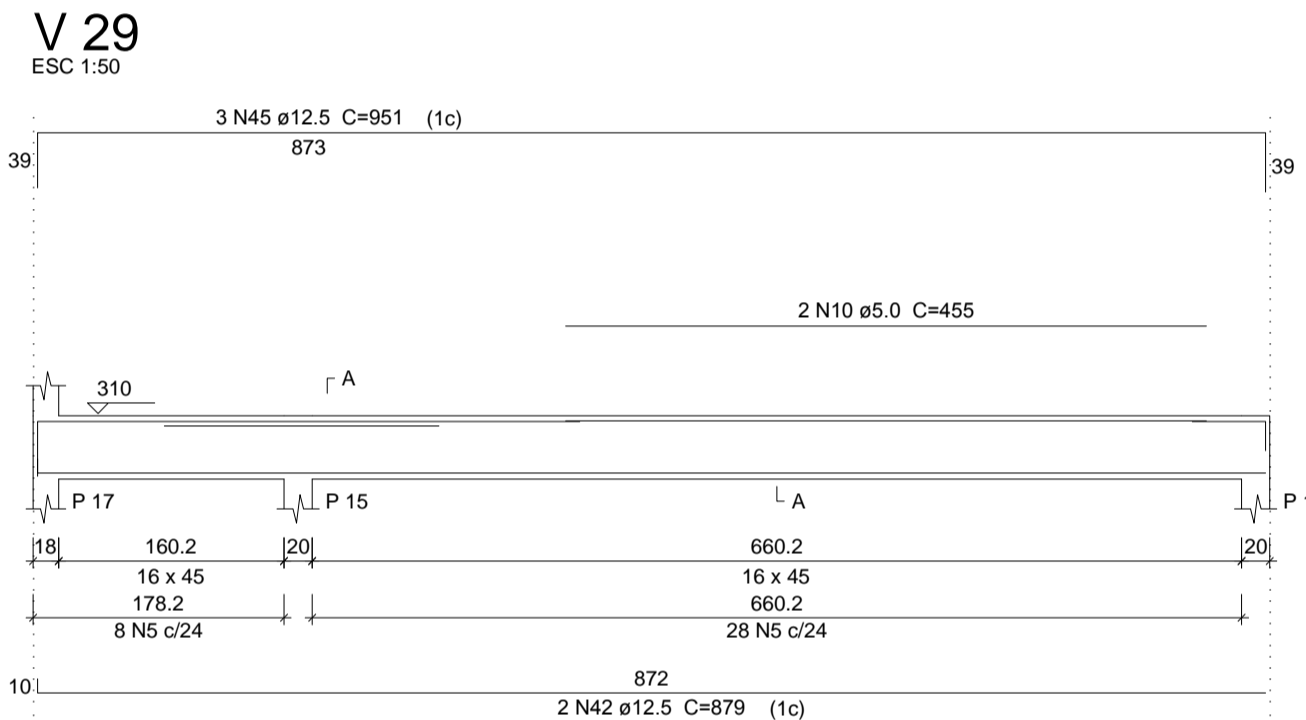
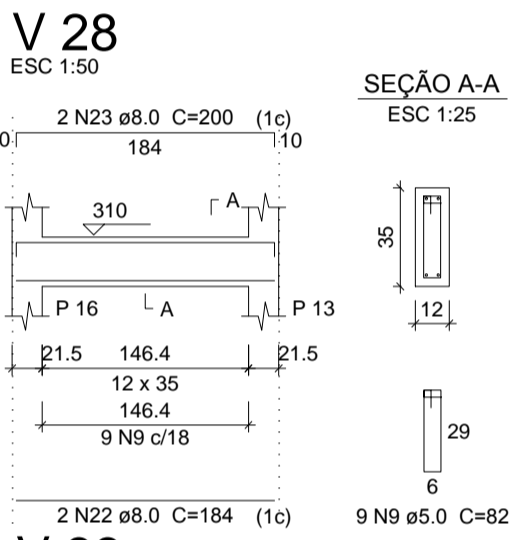
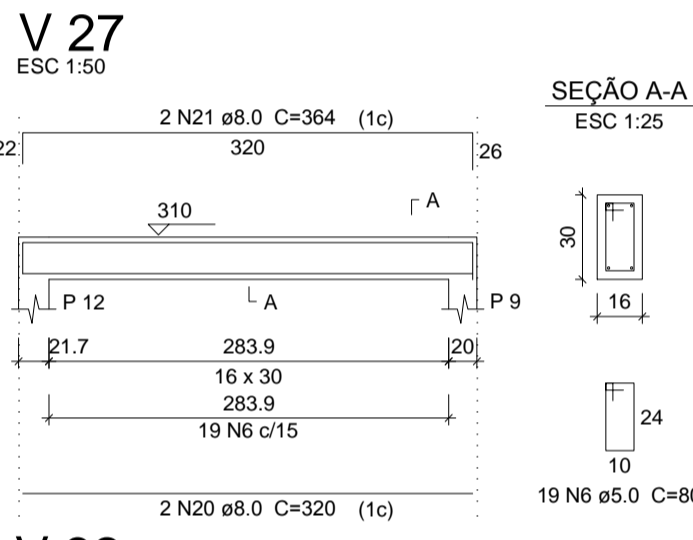
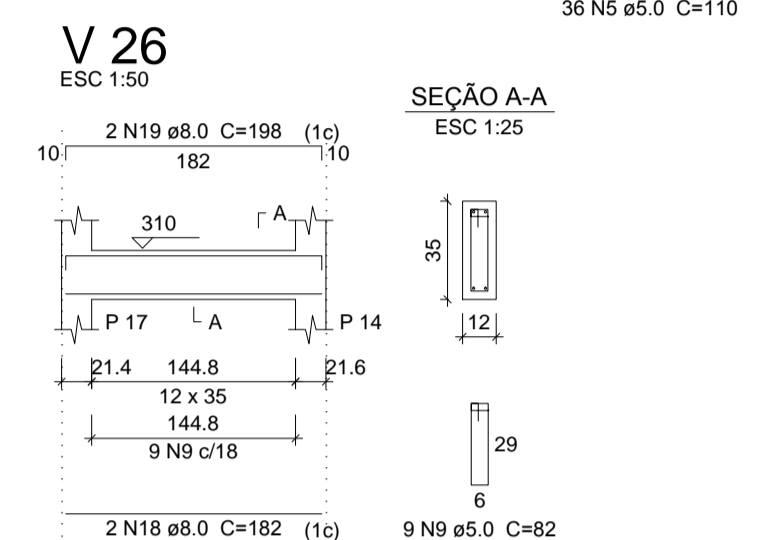
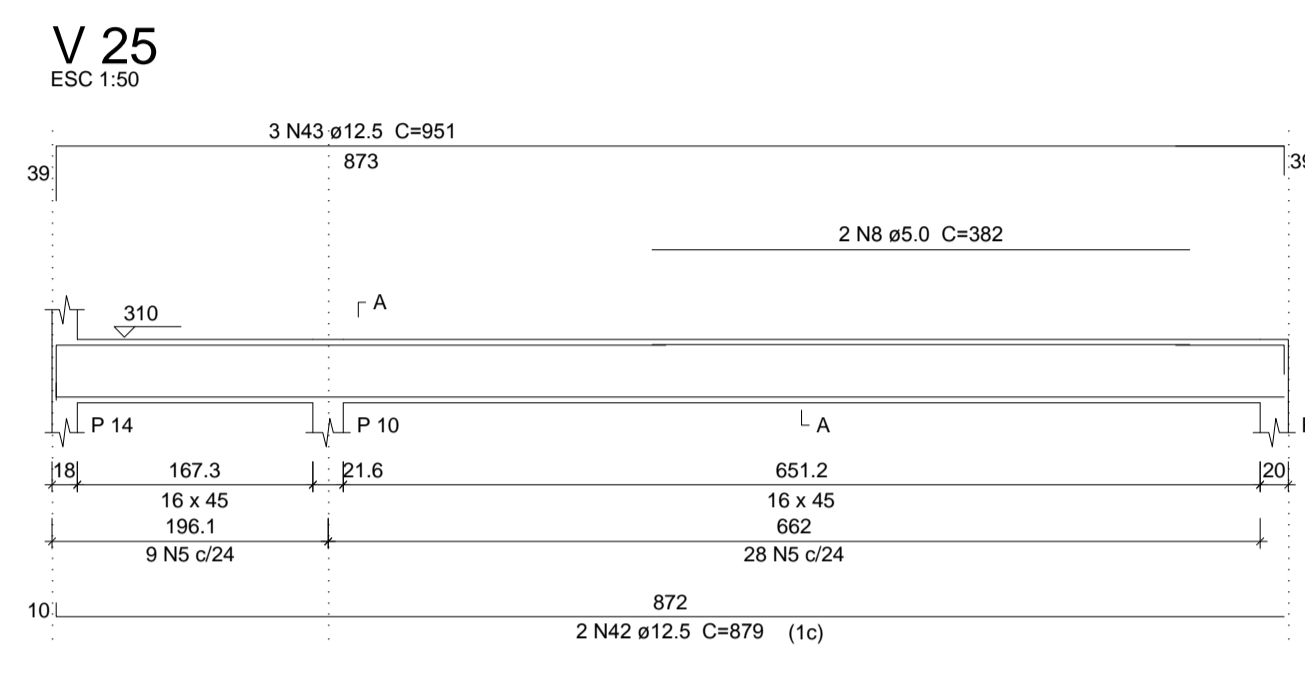
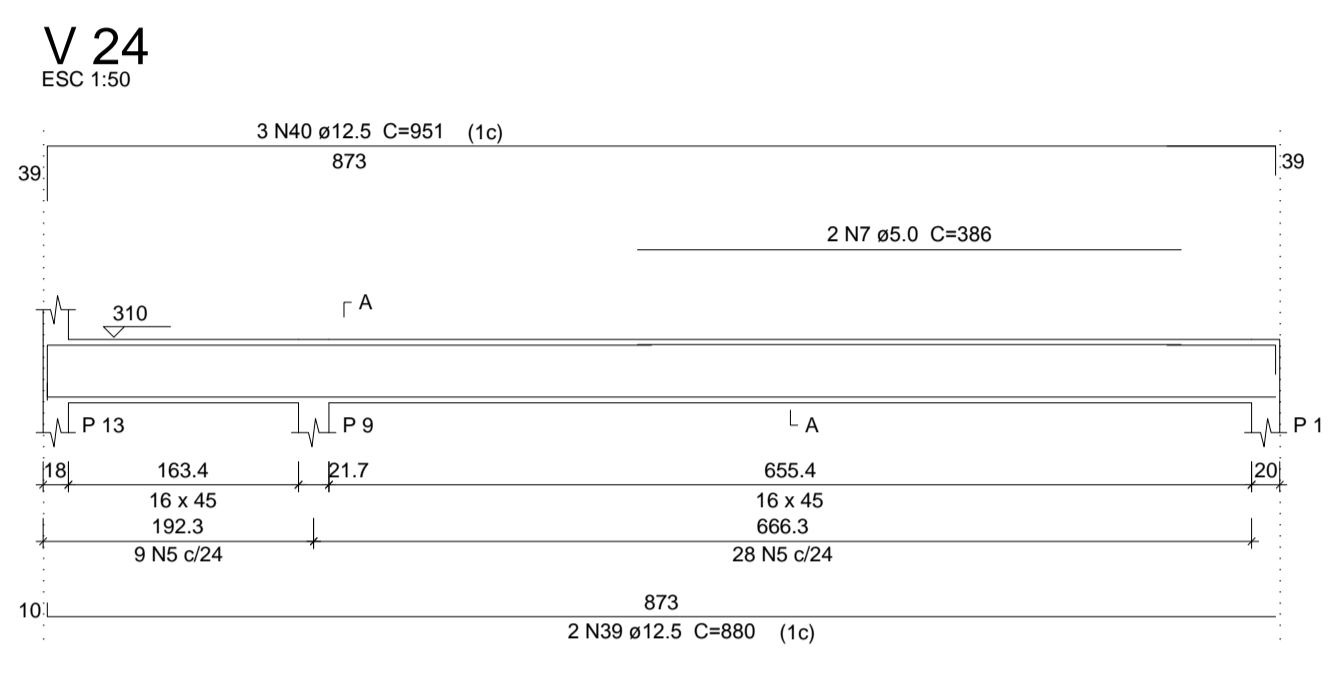
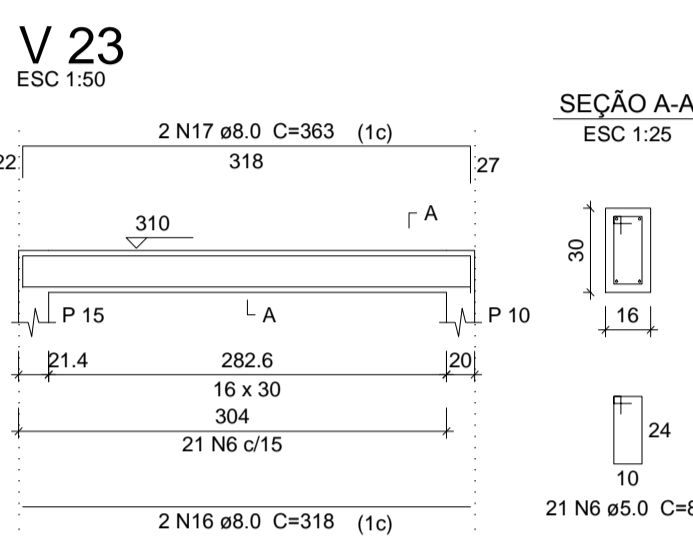
Relação do aço

V 20	V 21	V 22
V 23	V 24	V 25
V 26	V 27	V 28
V 29	V 30	V 31
V 32	V 33	V 34
V 35	V 36	V 37
V 38	V 39	

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	85.1	36.9
CA60	12.5	346.8	367.5
CA60	5.0	696.2	118
PESO TOTAL			
CA50		404.4	
CA60		118	

Vol. de concreto total (C-25) = 8.74 m³
Área de forma total = 127.07 m²



P1 ENGENHARIA

PREFEITURA MUNICIPAL DE: **PARANAITA**

TIPO DA OBRA: CASA DA CULTURA E MEMÓRIA

PROPRIETÁRIO CPF OU CGC: **COMPANHIA HIDRELÉTRICA TELES PIRES (CHTP)**

RESPONSÁVEL TÉCNICO: **VERIDIANE DAL BEM**
ENG CIVIL CREA/RN 1213613965

ESCALA: **INDICADAS** DATA: **AGOSTO / 2015** ASSUNTO: **ESTRUTURAL** FOLHA Nº: **08/09**