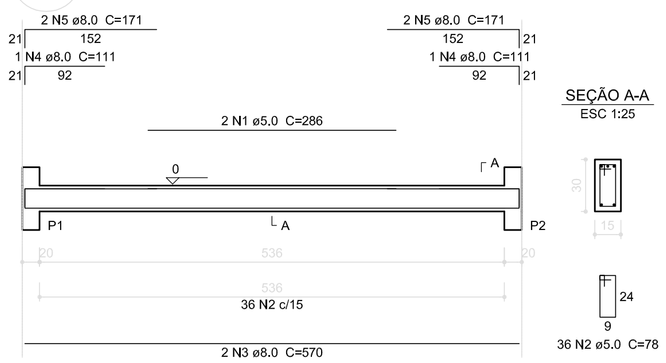
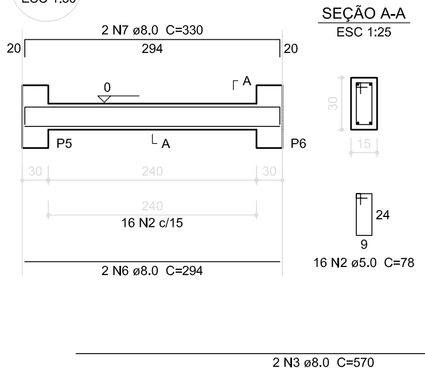
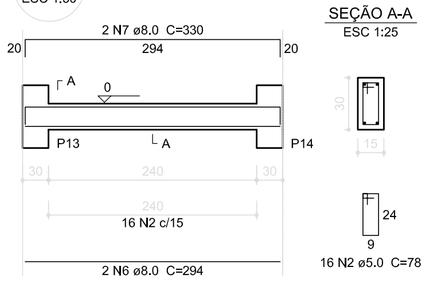
V1
ESC 1:50



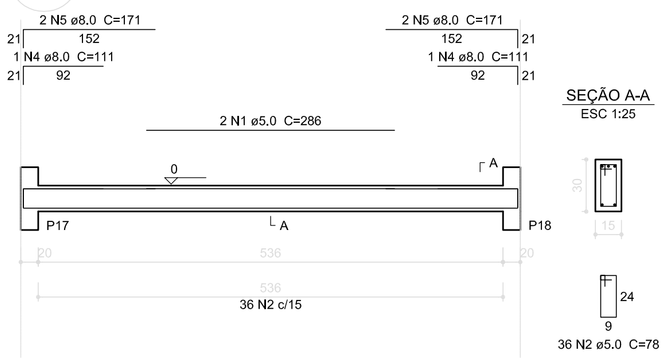
V2
ESC 1:50



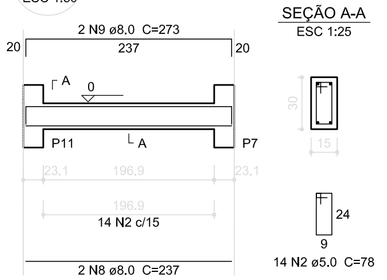
V3
ESC 1:50



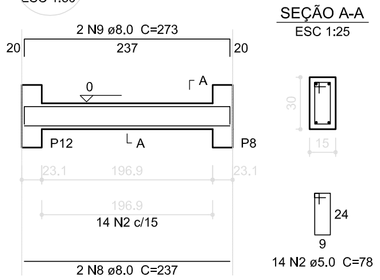
V4
ESC 1:50



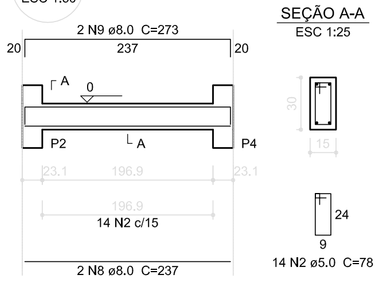
V5
ESC 1:50



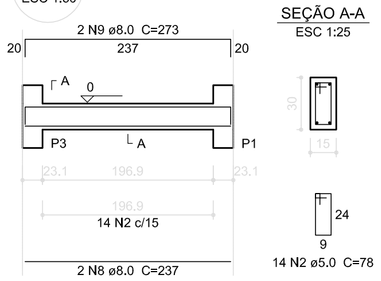
V6
ESC 1:50



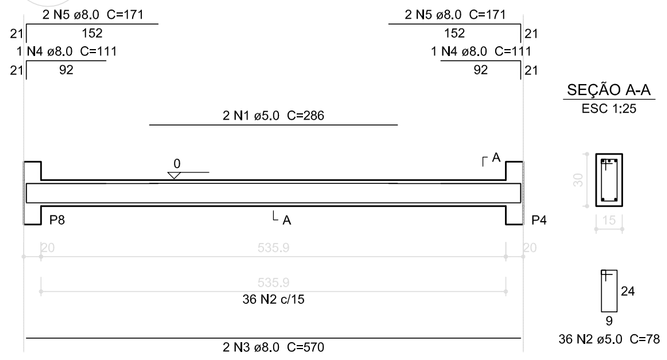
V7
ESC 1:50



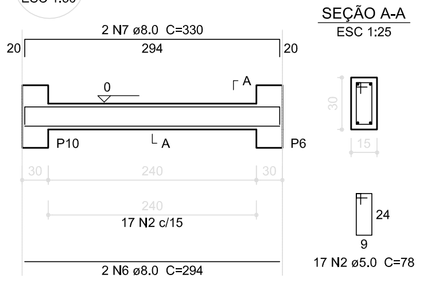
V8
ESC 1:50



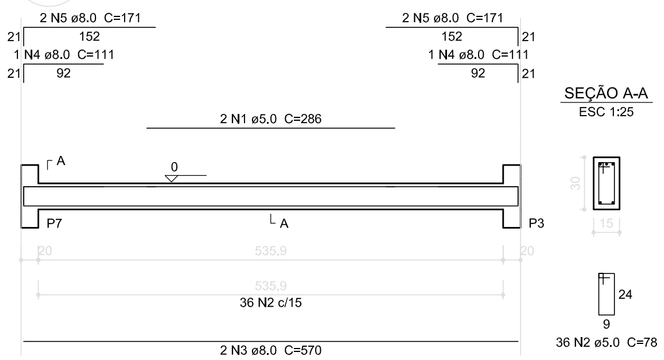
V9
ESC 1:50



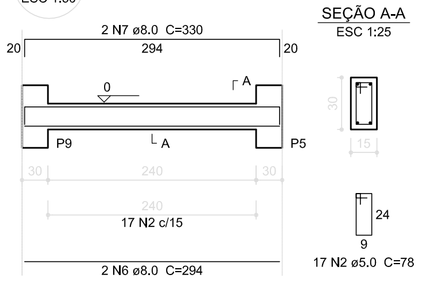
V10
ESC 1:50



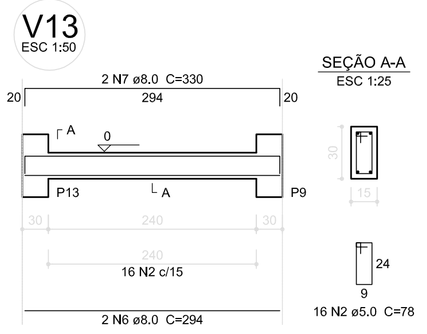
V11
ESC 1:50



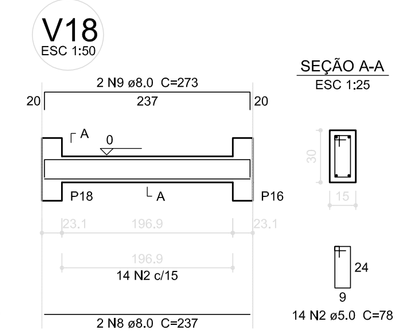
V12
ESC 1:50



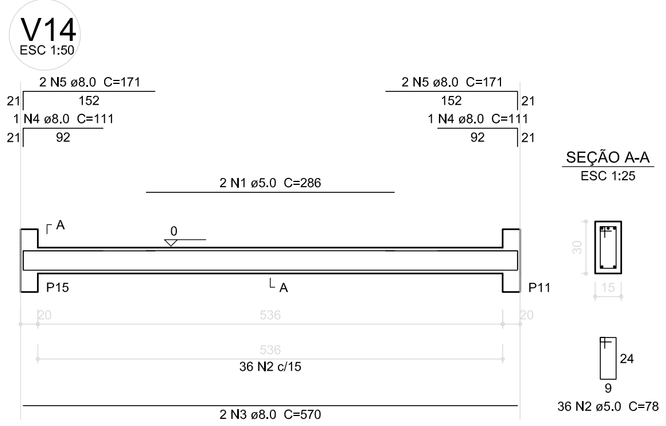
V13
ESC 1:50



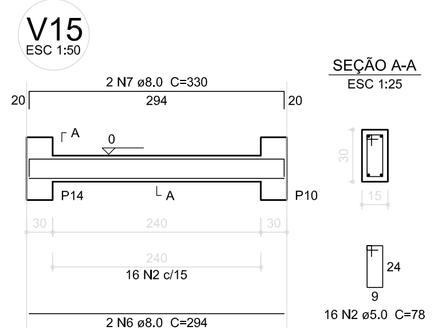
V18
ESC 1:50



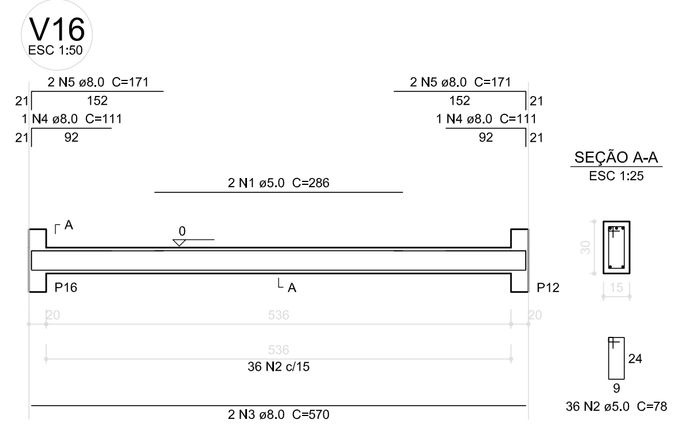
V14
ESC 1:50



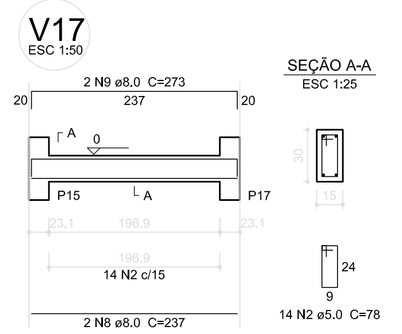
V15
ESC 1:50



V16
ESC 1:50



V17
ESC 1:50



Relação do aço

V1	V2	V3
V4	V5	V6
V7	V8	V9
V10	V11	V12
V13	V14	V15
V16	V17	V18

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	12	286	3432
	2	5.0	398	78	31044
CA50	3	8.0	12	570	6840
	4	8.0	12	111	1332
	5	8.0	24	171	4104
	6	8.0	12	294	3528
	7	8.0	12	330	3960
	8	8.0	12	237	2844
	9	8.0	12	273	3276

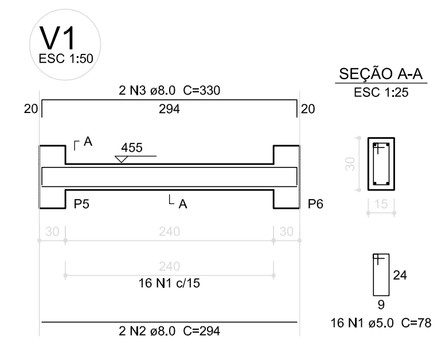
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	8.0	258.9	102.3
CA60	5.0	344.8	53.1
PESO TOTAL (kg)			
CA50	102.3		
CA60	53.1		

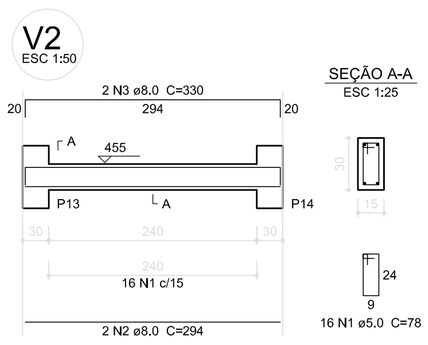
Volume de concreto (C-25) = 3.02 m³
Área de forma = 50,36 m²

1 VIGAS NÍVEL 000
ESCALA: INDICADA

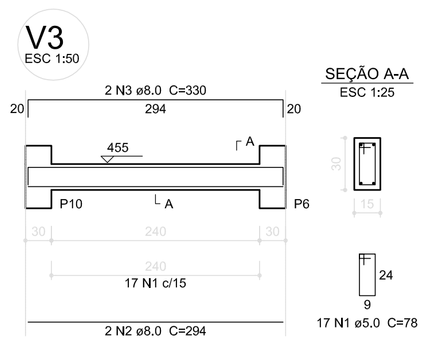
V1
ESC 1:50



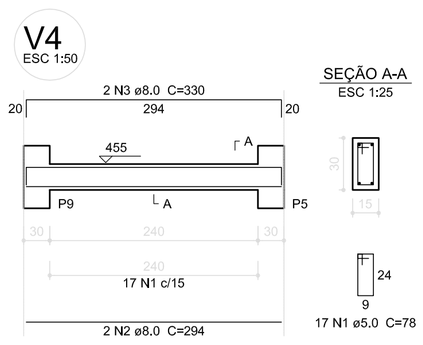
V2
ESC 1:50



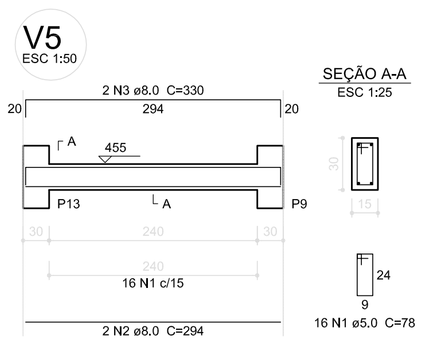
V3
ESC 1:50



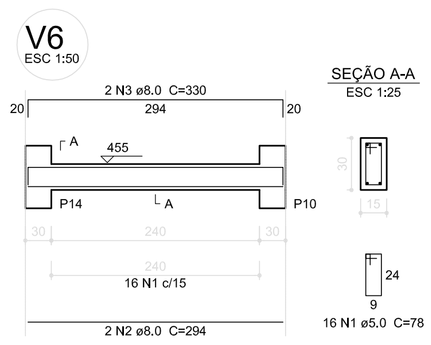
V4
ESC 1:50



V5
ESC 1:50



V6
ESC 1:50



Relação do aço

V1	V2	V3
V4	V5	V6

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5,0	98	78	7644
CA50	2	8,0	12	294	3528
	3	8,0	12	330	3960

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	8,0	74,9	29,6
CA60	5,0	76,5	11,8
PESO TOTAL (kg)			
CA50	29,6		
CA60	11,8		

Volume de concreto (C-25) = 0,81 m³
Área de forma = 13,5 m²

1 VIGAS NÍVEL 455
ESCALA: INDICADA

FNDE Fundo Nacional de Desenvolvimento da Educação — Ministério da Educação — GOVERNO FEDERAL BRASIL PAÍS RICO É PAÍS SEM POBREZA

PROJETO PADRÃO - FNDE

MUNICÍPIO – UF:

PROPRIETÁRIO:

ENDEREÇO:

PROPRIETÁRIO

RESP. TÉCNICO — CAU/ CREA

DLFO

CAU/ CREA

RA

OBSERVAÇÕES:

ESCOLA 6 SALAS DE AULA
PROJETO DE ESTRUTURA

COORDENAÇÃO: CGEST - Coordenação Geral de Infraestrutura Educacional	VIGAS NÍVEIS 000 E 455 (PÁTIO COBERTO)		SCV
	REVISÃO: R.02	ESCALA: INDICADA	PRANCHA: 20/22
FORMATO: A1 (841X594)		DATA EMISSÃO: FEVEREIRO/2014	