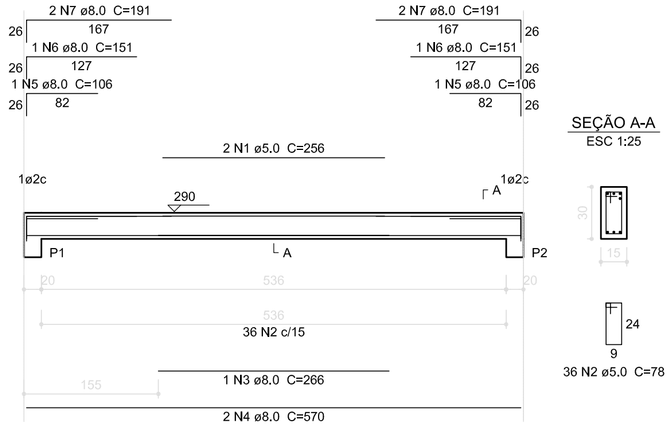
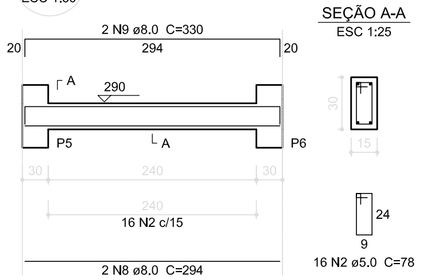
V1
ESC 1:50



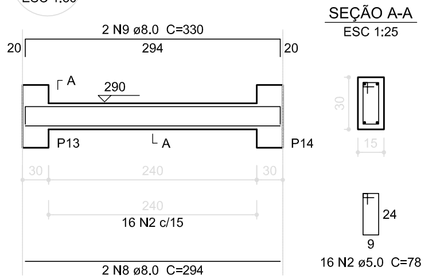
SEÇÃO A-A
ESC 1:25

V2
ESC 1:50



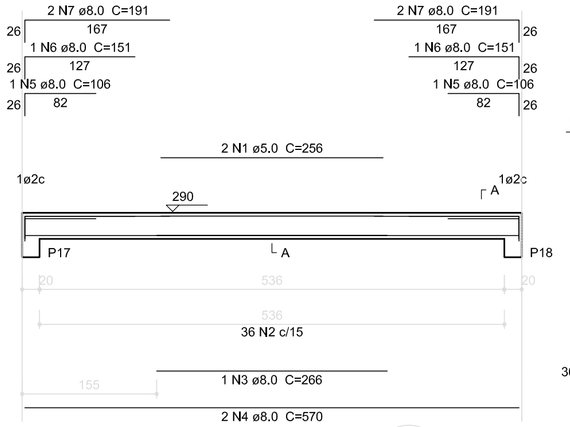
SEÇÃO A-A
ESC 1:25

V3
ESC 1:50



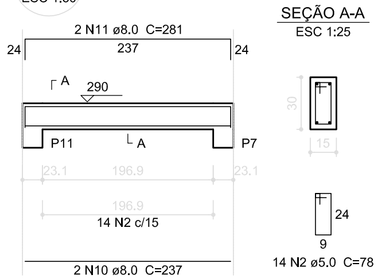
SEÇÃO A-A
ESC 1:25

V4
ESC 1:50



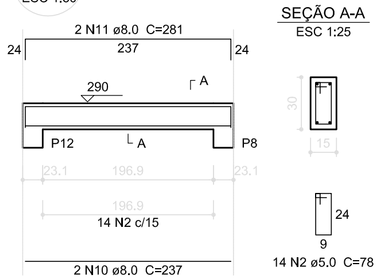
SEÇÃO A-A
ESC 1:25

V5
ESC 1:50



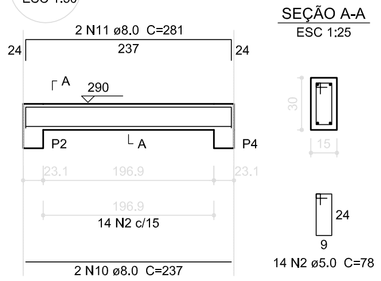
SEÇÃO A-A
ESC 1:25

V6
ESC 1:50



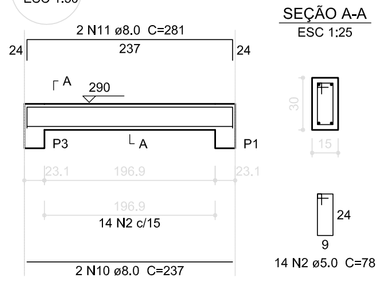
SEÇÃO A-A
ESC 1:25

V7
ESC 1:50



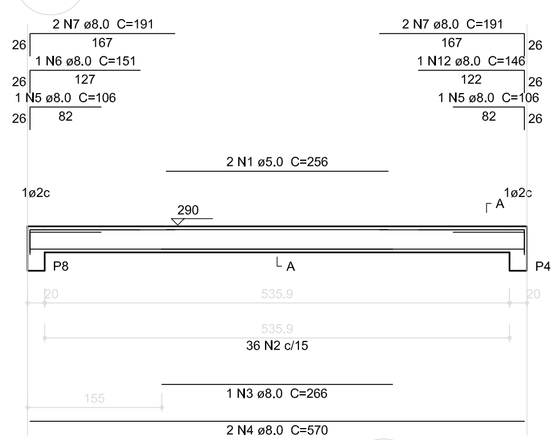
SEÇÃO A-A
ESC 1:25

V8
ESC 1:50

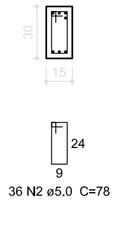


SEÇÃO A-A
ESC 1:25

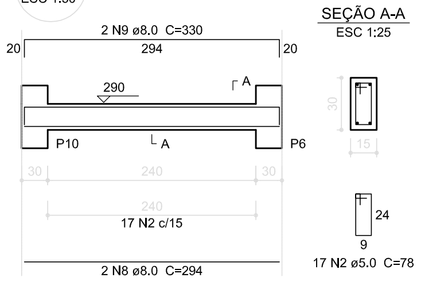
V9
ESC 1:50



SEÇÃO A-A
ESC 1:25

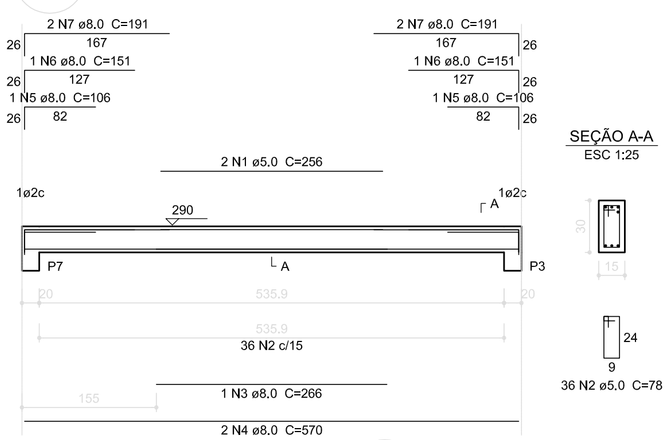


V10
ESC 1:50



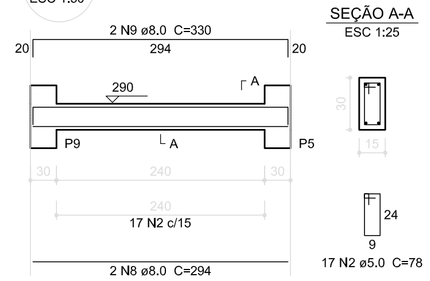
SEÇÃO A-A
ESC 1:25

V11
ESC 1:50



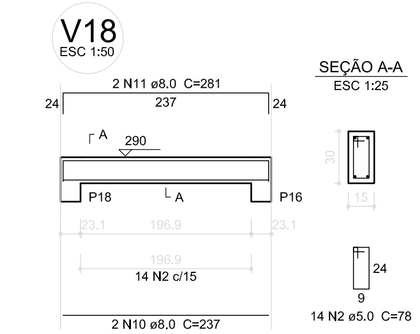
SEÇÃO A-A
ESC 1:25

V12
ESC 1:50



SEÇÃO A-A
ESC 1:25

V18
ESC 1:50



SEÇÃO A-A
ESC 1:25

V13
ESC 1:50

SEÇÃO A-A
ESC 1:25

V14
ESC 1:50

SEÇÃO A-A
ESC 1:25

V15
ESC 1:50

SEÇÃO A-A
ESC 1:25

V16
ESC 1:50

SEÇÃO A-A
ESC 1:25

V17
ESC 1:50

SEÇÃO A-A
ESC 1:25

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	256	3072
	2	5.0	398	78	31044
CA50	3	8.0	6	266	1596
	4	8.0	12	570	6840
	5	8.0	12	106	1272
	6	8.0	11	151	1661
	7	8.0	24	191	4584
	8	8.0	12	294	3528
	9	8.0	12	330	3960
	10	8.0	12	237	2844
	11	8.0	12	281	3372
	12	8.0	1	146	146

Resumo do aço

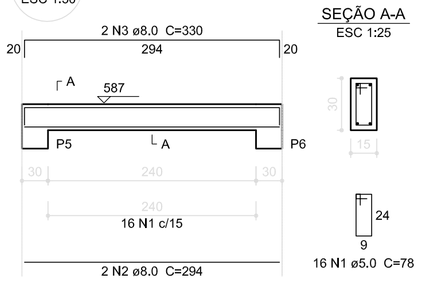
AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	8.0	298.1	117.7
CA60	5.0	341.2	52.5

PESO TOTAL (kg)	
CA50	117.7
CA60	52.5

Volume de concreto (C-25) = 3.02 m³
Área de forma = 50.36 m²

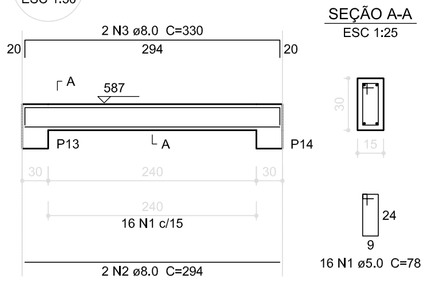
1 VIGAS NÍVEL 290
ESCALA: INDICADA

V1
ESC 1:50



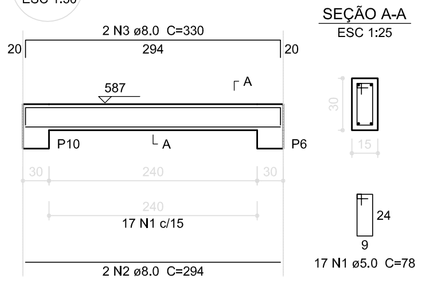
SEÇÃO A-A
ESC 1:25

V2
ESC 1:50



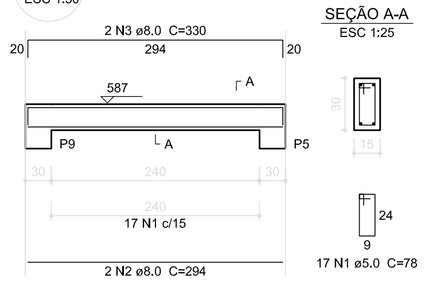
SEÇÃO A-A
ESC 1:25

V3
ESC 1:50



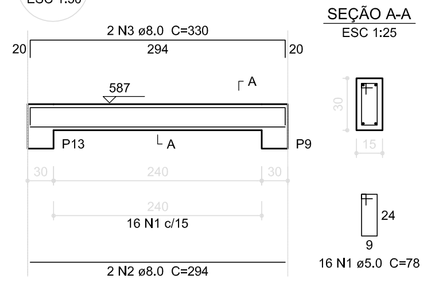
SEÇÃO A-A
ESC 1:25

V4
ESC 1:50



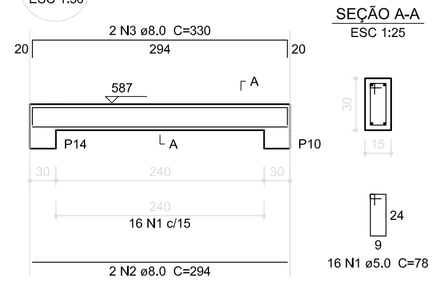
SEÇÃO A-A
ESC 1:25

V5
ESC 1:50



SEÇÃO A-A
ESC 1:25

V6
ESC 1:50



SEÇÃO A-A
ESC 1:25

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

2 VIGAS NÍVEL 587
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 290 E 587
(PÁTIO COBERTO)

SCV

FORMATO
A1 (841X594)

REVISÃO
R.02

ESCALA
INDICADA

DATA EMISSÃO
FEVEREIRO/2014

PRANCHA
21/22