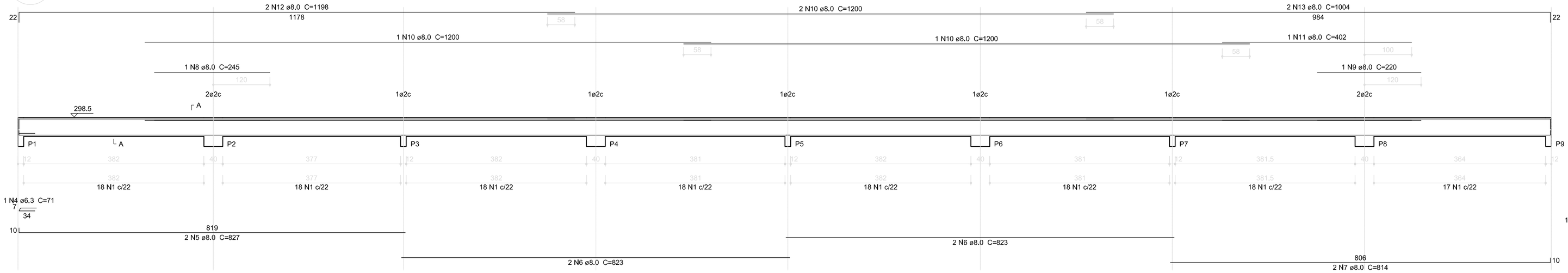
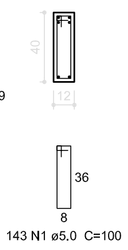
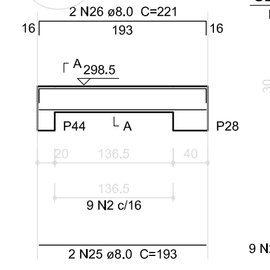
V1
ESC 1:50



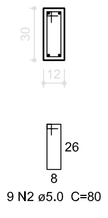
SEÇÃO A-A
ESC 1:25



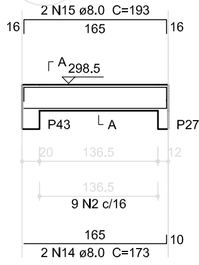
V9
ESC 1:50



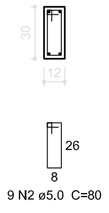
SEÇÃO A-A
ESC 1:25



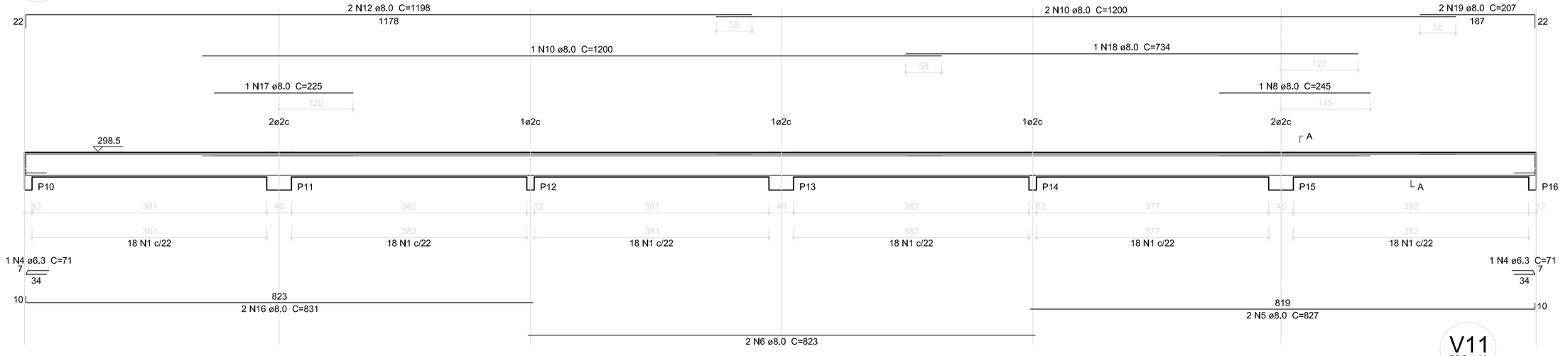
V8
ESC 1:50



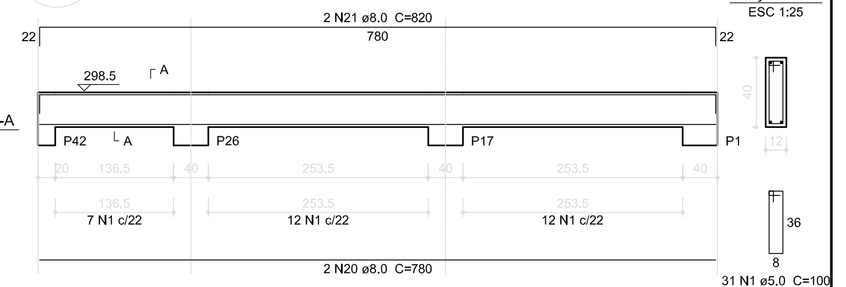
SEÇÃO A-A
ESC 1:25



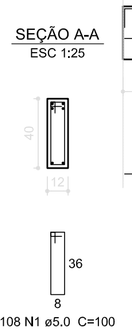
V2
ESC 1:50



V7
ESC 1:50

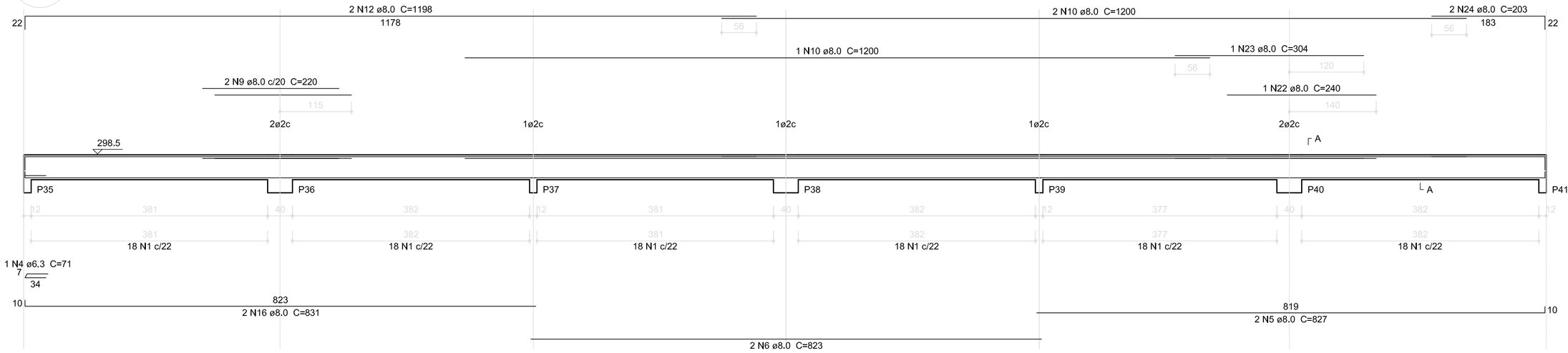


SEÇÃO A-A
ESC 1:25

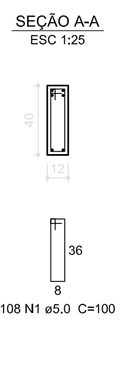


SEÇÃO A-A
ESC 1:25

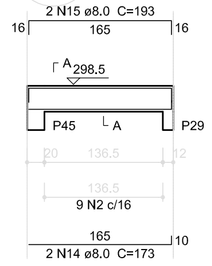
V4
ESC 1:50



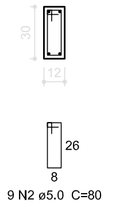
SEÇÃO A-A
ESC 1:25



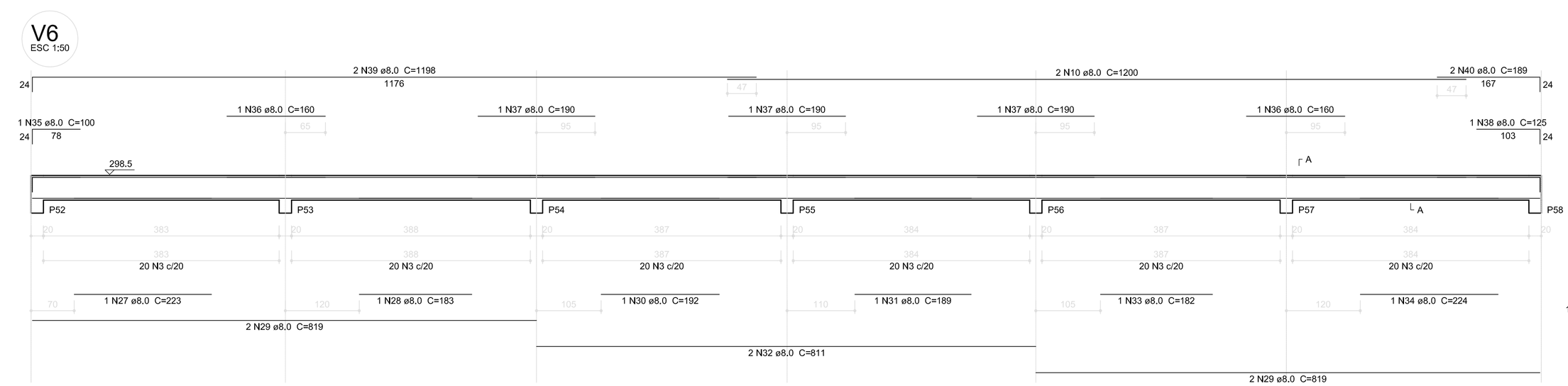
V11
ESC 1:50



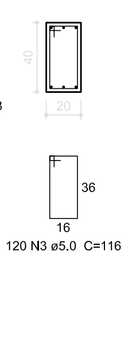
SEÇÃO A-A
ESC 1:25



V6
ESC 1:50



SEÇÃO A-A
ESC 1:25



1 VIGAS NÍVEL 298.5
ESCALA: INDICADA

Relação do aço

V1	V2	V4
V6	V7	V8
V9	V11	V12
V14	V15	V17
V18	V20	V22
V23		

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	390	100	39000
	2	5.0	99	80	7920
	3	5.0	120	116	13920
CA50	4	6.3	4	71	284
	5	8.0	6	827	4962
	6	8.0	8	823	6584
	7	8.0	2	814	1628
	8	8.0	2	245	490
	9	8.0	3	220	660
	10	8.0	12	1200	14400
	11	8.0	1	402	402
	12	8.0	6	1198	7188
	13	8.0	2	1004	2008
	14	8.0	10	173	1730
	15	8.0	10	193	1930
	16	8.0	4	831	3324
	17	8.0	1	225	225
	18	8.0	1	734	734
	19	8.0	2	207	414
	20	8.0	2	780	1560
	21	8.0	2	820	1640
	22	8.0	1	240	240
	23	8.0	1	304	304
	24	8.0	2	203	406
	25	8.0	12	193	2316
	26	8.0	12	221	2652
	27	8.0	1	223	223
	28	8.0	1	183	183
	29	8.0	4	819	3276
	30	8.0	1	192	192
	31	8.0	1	189	189
	32	8.0	2	811	1622
	33	8.0	1	182	182
	34	8.0	1	224	224
	35	8.0	1	100	100
	36	8.0	2	160	320
	37	8.0	3	190	570
	38	8.0	1	125	125
	39	8.0	2	1198	2396
	40	8.0	2	189	378

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	2.9	0.7
	8.0	657.8	259.8
CA60	5.0	608.4	93.7

PESO TOTAL (kg)	
CA50	260.5
CA60	93.7

Volume de concreto (C-25) = 6.98 m³
Área de forma = 121.33 m²

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 NÍVEL 298.5 (BLOCO PEDAGÓGICO)		SCV
FORMATO: A1 (841X594)	REVISÃO: R.02	ESCALA: INDICADA	PRANCHA: 05/22
		DATA EMISSÃO: FEVEREIRO/2014	