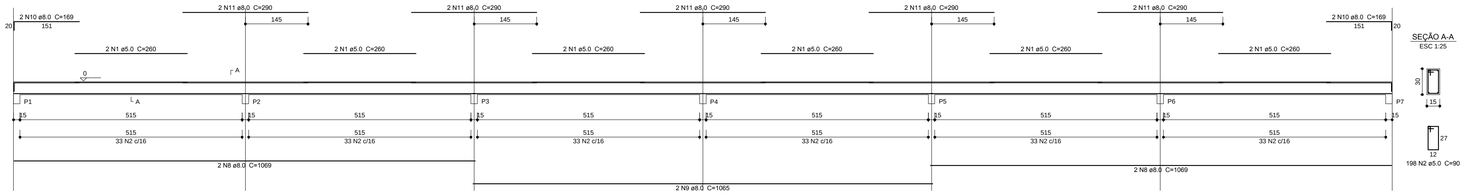
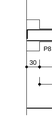
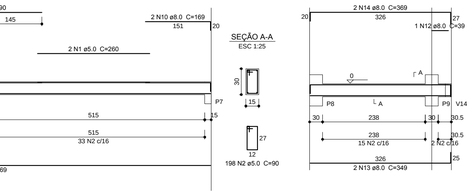
V1
ESC 1:50



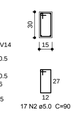
SEÇÃO A-A
ESC 1:25



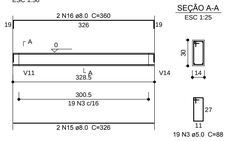
V2
ESC 1:50



SEÇÃO A-A
ESC 1:25

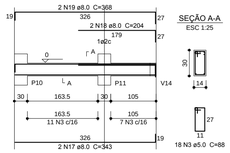


V3
ESC 1:50



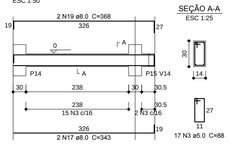
SEÇÃO A-A
ESC 1:25

V4
ESC 1:50



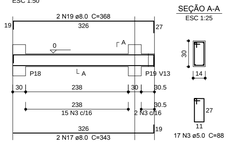
SEÇÃO A-A
ESC 1:25

V5
ESC 1:50



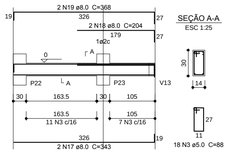
SEÇÃO A-A
ESC 1:25

V6
ESC 1:50



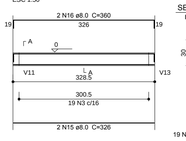
SEÇÃO A-A
ESC 1:25

V7
ESC 1:50

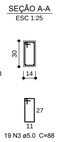


SEÇÃO A-A
ESC 1:25

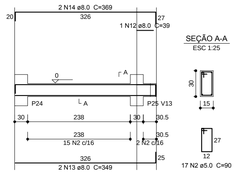
V8
ESC 1:50



SEÇÃO A-A
ESC 1:25

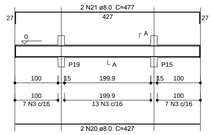


V9
ESC 1:50

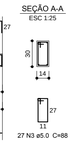


SEÇÃO A-A
ESC 1:25

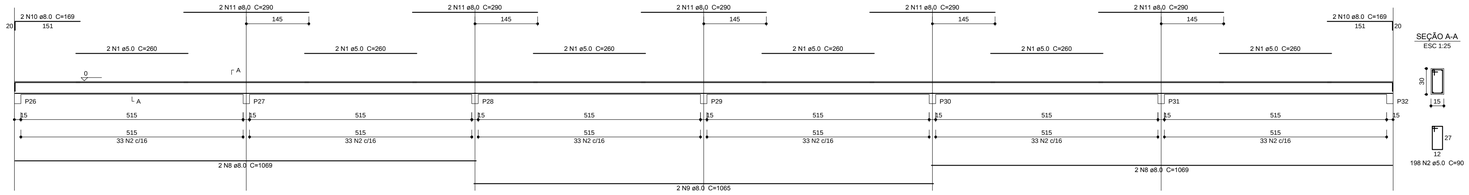
V12
ESC 1:50



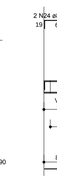
SEÇÃO A-A
ESC 1:25



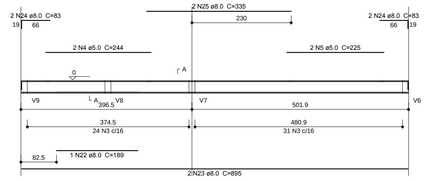
V10
ESC 1:50



SEÇÃO A-A
ESC 1:25

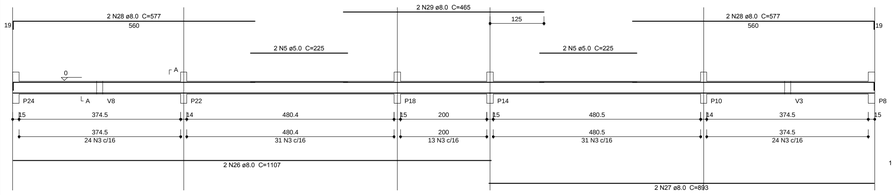


V13
ESC 1:50

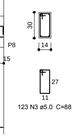


SEÇÃO A-A
ESC 1:25

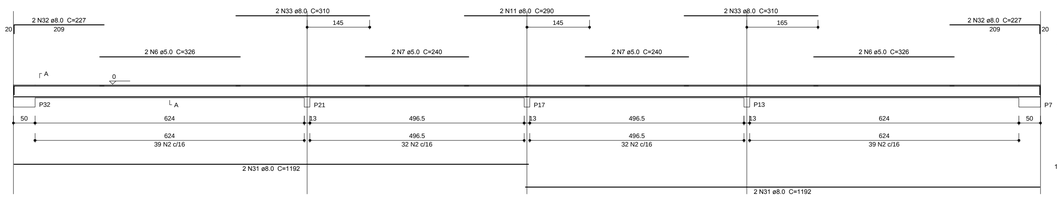
V11
ESC 1:50



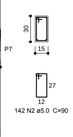
SEÇÃO A-A
ESC 1:25



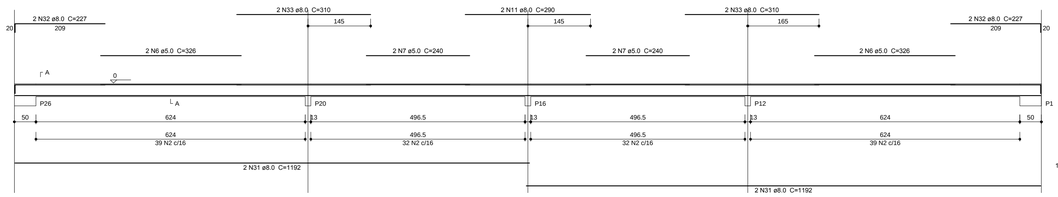
V16
ESC 1:50



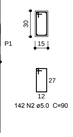
SEÇÃO A-A
ESC 1:25



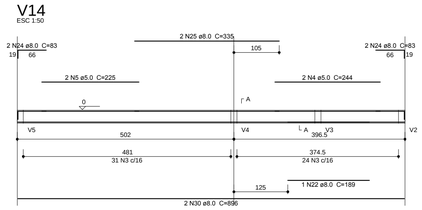
V15
ESC 1:50



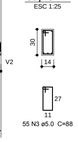
SEÇÃO A-A
ESC 1:25



V14
ESC 1:50



SEÇÃO A-A
ESC 1:25



1 VIGAS NÍVEL 000
ESCALA 1/50

Relação do aço

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

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	24	260	6240
	2	5.0	714	90	64260
	3	5.0	368	88	32384
	4	5.0	4	244	976
	5	5.0	8	225	1800
	6	5.0	8	326	2608
	7	5.0	8	240	1920
CA50	8	8.0	8	1069	8552
	9	8.0	4	1065	4260
	10	8.0	8	169	1352
	11	8.0	24	290	6960
	12	8.0	2	39	78
	13	8.0	4	349	1396
	14	8.0	4	369	1476
	15	8.0	4	326	1304
	16	8.0	4	360	1440
	17	8.0	8	343	2744
	18	8.0	4	204	816
	19	8.0	8	368	2944
	20	8.0	2	427	854
	21	8.0	2	477	954
	22	8.0	2	189	378
	23	8.0	2	895	1790
	24	8.0	8	83	664
	25	8.0	4	335	1340
	26	8.0	2	1107	2214
	27	8.0	2	893	1786
	28	8.0	4	577	2308
	29	8.0	2	465	930
	30	8.0	2	896	1792
	31	8.0	8	1192	9536
	32	8.0	8	227	1816
	33	8.0	8	310	2480

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	8.0	621.7	245.3
CA60	5.0	1101.9	169.8

PESO TOTAL (kg)	
CA50	245.3
CA60	169.8

Volume de concreto (C-25) = 7.92 m³
Área de forma = 134.4 m²

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

PROJETO PADRÃO - FNDE

MUNICÍPIO – UF:

PROPRIETÁRIO:

ENDEREÇO:

PROPRIETÁRIO

RESP. TÉCNICO — CREA

DLFO — CREA

RA

OBSERVAÇÕES:

QUADRA ESCOLAR COBERTA E VESTIÁRIO

PROJETO ESTRUTURAL

COORDENAÇÃO: CGEST - Coordenação Geral de Infraestrutura Educacional

VIGAS NÍVEL 000

SCO

REVISÃO R.00 — ESCALA 1/50 — PRANCHA 04/05

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