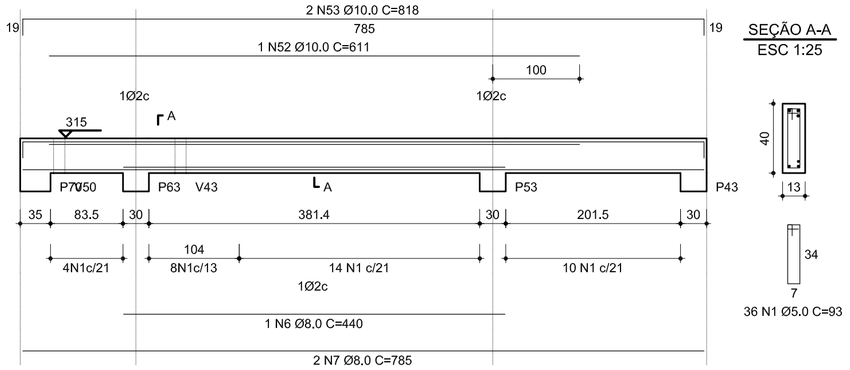
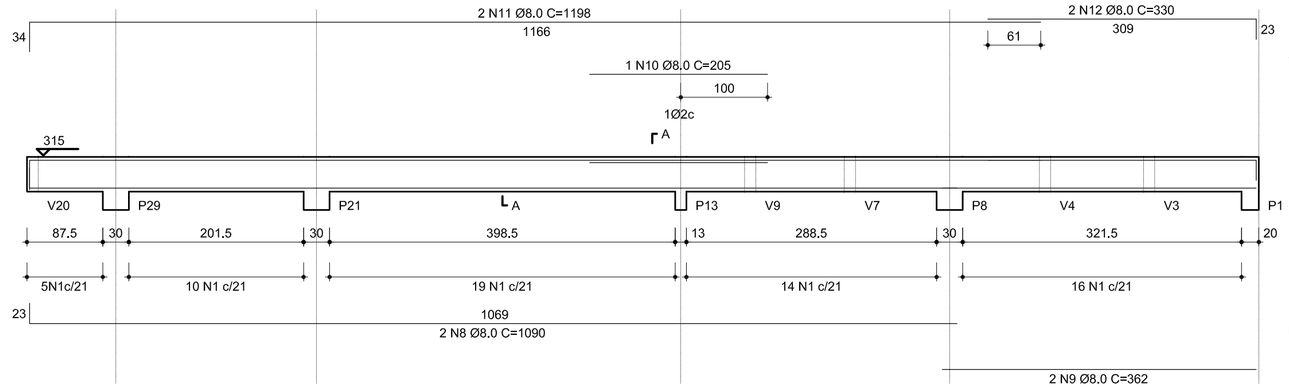
V63
1:50



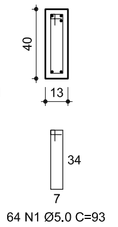
SEÇÃO A-A
ESC 1:25

36 N1 Ø5.0 C=93

V64
1:50

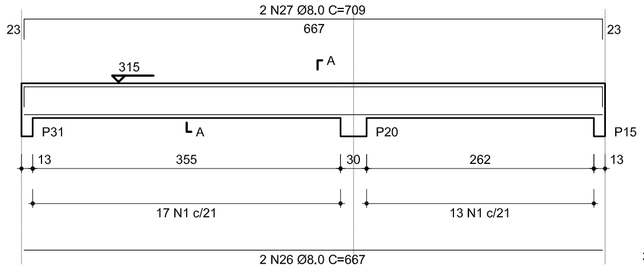


SEÇÃO A-A
ESC 1:25

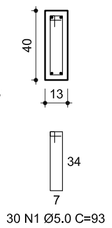


64 N1 Ø5.0 C=93

V70
1:50

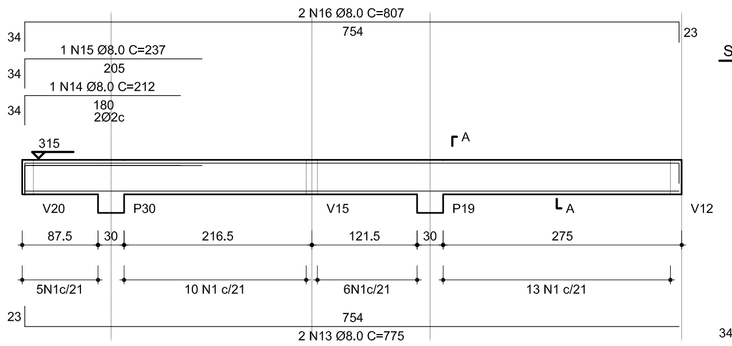


SEÇÃO A-A
ESC 1:25

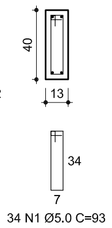


30 N1 Ø5.0 C=93

V65
1:50

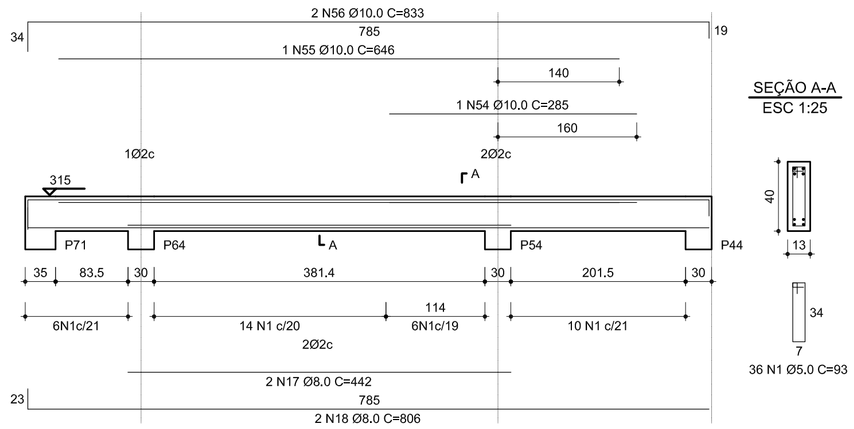


SEÇÃO A-A
ESC 1:25



34 N1 Ø5.0 C=93

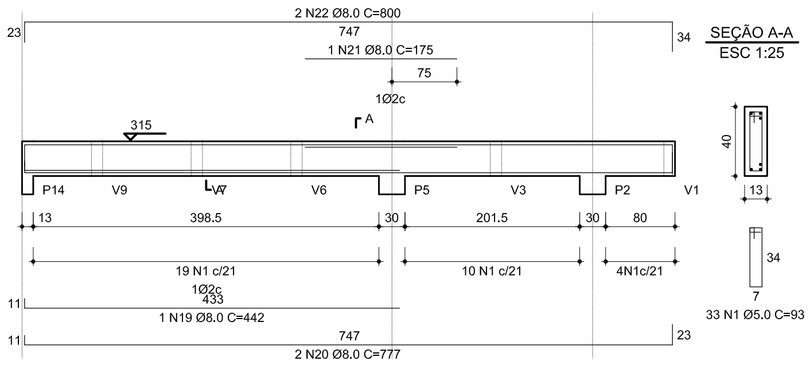
V66
1:50



SEÇÃO A-A
ESC 1:25

36 N1 Ø5.0 C=93

V67
1:50



SEÇÃO A-A
ESC 1:25

33 N1 Ø5.0 C=93

V69
1:50

SEÇÃO A-A
ESC 1:25

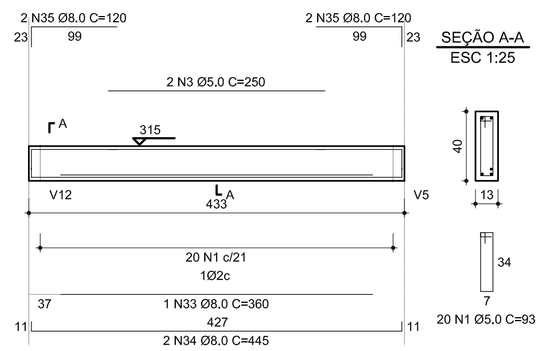
54 N1 Ø5.0 C=93

V71
1:50

SEÇÃO A-A
ESC 1:25

51 N1 Ø5.0 C=93

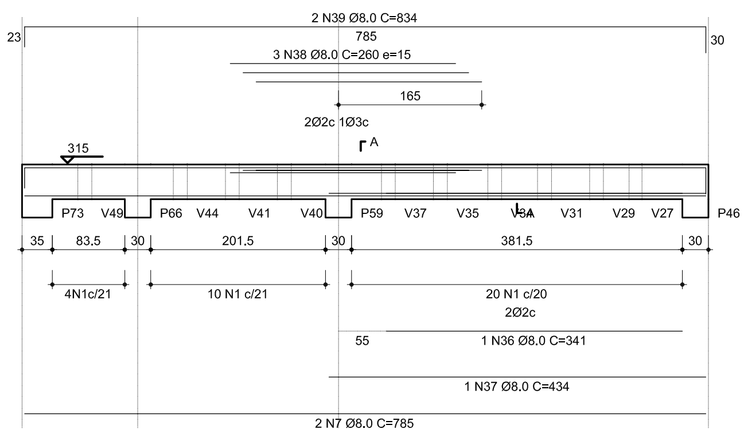
V72
1:50



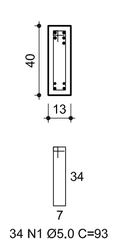
SEÇÃO A-A
ESC 1:25

20 N1 Ø5.0 C=93

V73
1:50

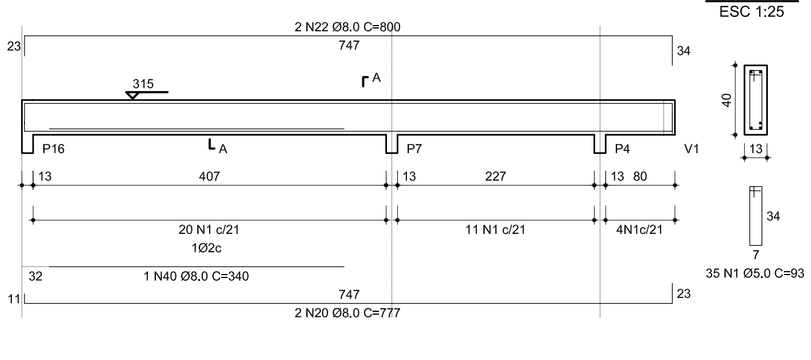


SEÇÃO A-A
ESC 1:25



34 N1 Ø5.0 C=93

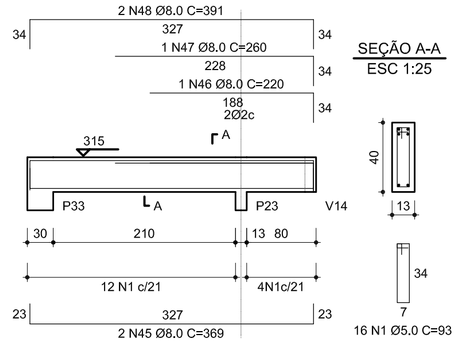
V74
1:50



SEÇÃO A-A
ESC 1:25

35 N1 Ø5.0 C=93

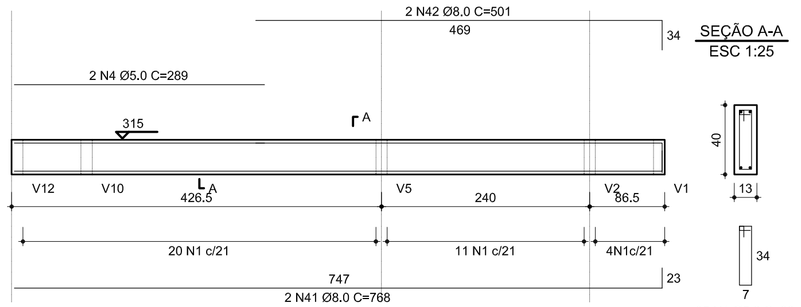
V80
1:50



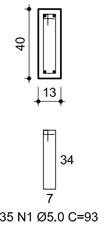
SEÇÃO A-A
ESC 1:25

16 N1 Ø5.0 C=93

V75
1:50

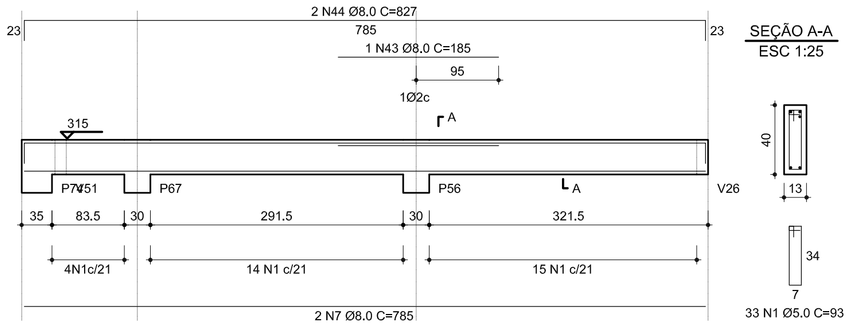


SEÇÃO A-A
ESC 1:25



35 N1 Ø5.0 C=93

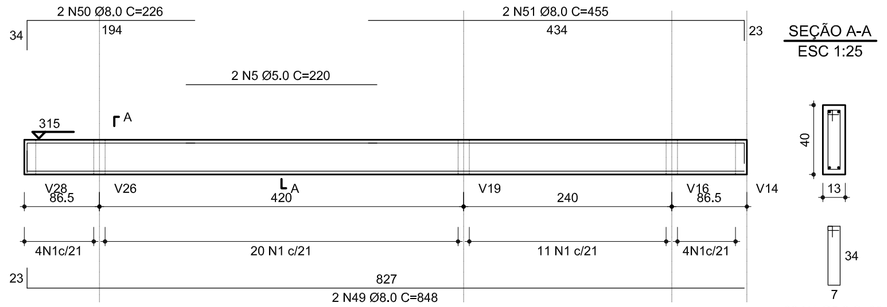
V76
1:50



SEÇÃO A-A
ESC 1:25

33 N1 Ø5.0 C=93

V82
1:50



SEÇÃO A-A
ESC 1:25

39 N1 Ø5.0 C=93

RELAÇÃO DO AÇO

ELEMENTO	AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
V63	60	1	5.0	36	93	3348
	50	2	8.0	1	440	440
	50	3	8.0	2	785	1570
	50	4	10.0	1	611	611
	50	5	10.0	2	818	1636
V64	60	6	5.0	64	93	5952
	50	7	8.0	2	1090	2180
	50	8	8.0	2	362	724
	50	9	8.0	1	205	205
	50	10	8.0	2	1198	2396
	50	11	8.0	2	330	660
V65	60	12	5.0	34	93	3162
	50	13	8.0	2	775	1550
	50	14	8.0	1	212	212
	50	15	8.0	1	237	237
	50	16	8.0	2	807	1614
V66	60	17	5.0	36	93	3348
	50	18	8.0	2	442	884
	50	19	8.0	2	806	1612
	50	20	10.0	1	285	285
	50	21	10.0	1	646	646
	50	22	10.0	2	833	1666
V67	60	23	5.0	33	93	3069
	50	24	8.0	1	442	442
	50	25	8.0	2	777	1554
	50	26	8.0	1	175	175
	50	27	8.0	2	800	1600
V69	60	28	5.0	54	93	5022
	50	29	8.0	1	441	441
	50	30	8.0	2	1056	2112
	50	31	8.0	2	197	394
	50	32	10.0	1	621	621
	50	33	10.0	2	1117	2234
	50	34	10.0	2	212	424
V70	60	35	5.0	30	93	2790
	50	36	8.0	2	667	1334
	50	37	8.0	2	709	1418
V71	60	38	5.0	51	93	4743
	60	39	5.0	2	235	470
	50	40	8.0	2	1087	2174
	50	41	8.0	2	115	230
	50	42	8.0	1	419	419
	50	43	8.0	1	454	454
	50	44	8.0	2	810	1620
V72	60	45	5.0	20	93	1860
	60	46	5.0	2	250	500
	50	47	8.0	1	360	360
	50	48	8.0	2	445	890
	50	49	8.0	4	120	480
V73	60	50	5.0	34	93	3162
	50	51	8.0	1	341	341
	50	52	8.0	1	434	434
	50	53	8.0	2	785	1570
	50	54	8.0	3	260	780
	50	55	8.0	2	834	1668
V74	60	56	5.0	35	93	3255
	50	57	8.0	1	340	340
	50	58	8.0	2	777	1554
	50	59	8.0	2	800	1600
V75	60	60	5.0	35	93	3255
	60	61	5.0	2	289	578
	50	62	8.0	2	768	1536
	50	63	8.0	2	501	1002
V76	60	64	5.0	33	93	3069
	50	65	8.0	2	785	1570
	50	66	8.0	1	185	185
	50	67	8.0	2	827	1654
V80	60	68	5.0	16	93	1488
	50	69	8.0	2	369	738
	50	70	8.0	1	220	220
	50	71	8.0	1	260	260
	50	72	8.0	2	391	782

RESUMO DO AÇO

AÇO	DIAM	C.TOTAL (m)	PESO+10% (kg)
CA50	8.0	466.3	202.4
	10.0	81.2	55.1
CA60	5.0	493.2	83.6
PESO TOTAL			
CA50	257.5		
CA60	83.6		

Vol. concreto total = 5.90 m³
Área de forma total = 105.55 m²

Ministério da Educação

FNDE Fundo Nacional de Desenvolvimento da Educação

PROINFÂNCIA - ESPAÇO EDUCATIVO INFANTIL

ENDEREÇO:

MUNICÍPIO - UF:

PROPRIETÁRIO: FUNDO NACIONAL DE DESENVOLVIMENTO DA EDUCAÇÃO - FNDE

AUTORES DO PROJETO :

RESPONSÁVEL TÉCNICO:

PROPRIETÁRIO

AUTOR DO PROJETO CREA

AUTOR DO PROJETO CREA

RESP. TÉCNICO CREA

DLFO

CREA

RA

PROJETO TIPO C

PROJETO ESTRURUTAL

COORDENAÇÃO
CGEST - Coordenação Geral de Infra-estrutura

VIGAS DE COBERTURA
PRANCHA 05

ES

DESENHO

REVISÃO
R.00
R.00
R.00

ESCALA
INDICADA

DATA EMISSÃO
MAR/2010

PRANCHA
17/21