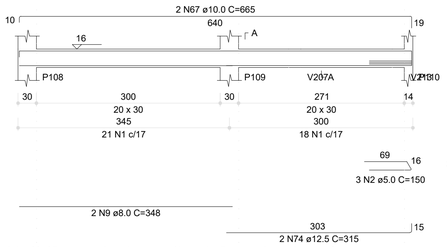
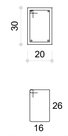
V54 (20 x 30)
ESC 1:50

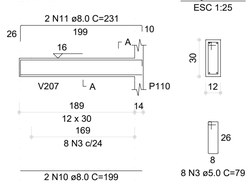


SEÇÃO A-A
ESC 1:25



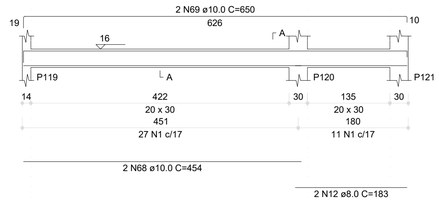
Aviso 06 - Viga com apoios sobrepostos. Ajustar detalhamento de acordo com a forma.

V56 (12 x 30)
ESC 1:50

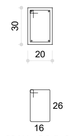


SEÇÃO A-A
ESC 1:25

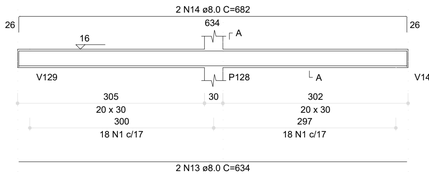
V57 (20 x 30)
ESC 1:50



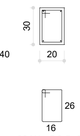
SEÇÃO A-A
ESC 1:25



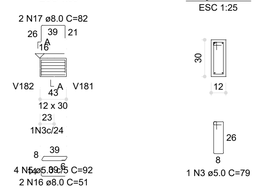
V58 (20 x 30)
ESC 1:50



SEÇÃO A-A
ESC 1:25



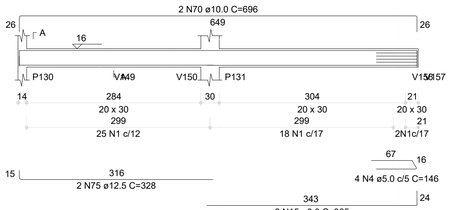
V61 (12 x 30)
ESC 1:50



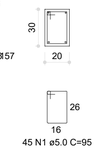
SEÇÃO A-A
ESC 1:25

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	596	95	56620
	2	5.0	3	150	450
	3	5.0	26	70	2054
	4	5.0	4	146	584
	5	5.0	4	92	368
	6	5.0	4	164	656
	7	5.0	4	152	608
CA50	8	6.3	39	96	2880
	9	8.0	2	348	696
	10	8.0	2	199	398
	11	8.0	2	231	462
	12	8.0	2	184	368
	13	8.0	2	634	1268
	14	8.0	2	682	1364
	15	8.0	2	365	730
	16	8.0	2	51	102
	17	8.0	2	87	174
	18	8.0	2	607	1214
	19	8.0	2	220	440
	20	8.0	2	990	1980
	21	8.0	2	118	236
	22	8.0	2	146	292
	23	8.0	2	275	550
	24	8.0	2	291	582
	25	8.0	2	164	328
	26	8.0	2	114	228
	27	8.0	2	273	546
	28	8.0	2	303	606
	29	8.0	2	274	548
	30	8.0	2	306	612
	31	8.0	2	277	554
	32	8.0	2	307	614
	33	8.0	2	264	528
	34	8.0	2	294	588
	35	8.0	2	285	570
	36	8.0	2	336	672
	37	8.0	2	378	756
	38	8.0	2	96	192
	39	8.0	2	90	180
	40	8.0	2	94	188
	41	8.0	2	233	466
	42	8.0	2	279	558
	43	8.0	2	283	566
	44	8.0	2	305	610
	45	8.0	2	161	322
	46	8.0	2	211	422
	47	8.0	2	471	942
	48	8.0	2	1006	2012
	49	8.0	2	679	1358
	50	8.0	2	242	484
	51	8.0	2	705	1410
	52	8.0	2	74	148
	53	8.0	2	106	212
	54	8.0	2	79	158
	55	8.0	2	107	214
	56	8.0	2	581	1162
	57	8.0	2	460	460
	58	8.0	2	990	1980
	59	8.0	2	422	844
	60	8.0	2	105	210
	61	8.0	2	153	306
	62	8.0	2	285	570
	63	8.0	2	230	460
	64	8.0	2	230	460
	65	8.0	2	231	462
	66	8.0	2	144	288
	67	10.0	2	665	1330
	68	10.0	2	668	1336
	69	10.0	2	650	1300
	70	10.0	2	690	1380
	71	10.0	2	351	1404
	72	10.0	2	351	702
	73	12.5	2	414	1316
	74	12.5	2	315	630
	75	12.5	2	328	656
	76	12.5	2	285	570
	77	12.5	2	927	1854
	78	20.0	2	673	1346
	79	20.0	2	808	1616

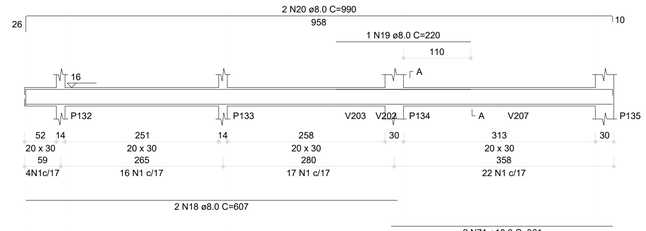
V59 (20 x 30)
ESC 1:50



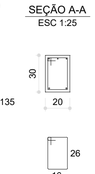
SEÇÃO A-A
ESC 1:25



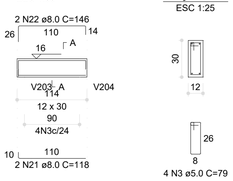
V62 (20 x 30)
ESC 1:50



SEÇÃO A-A
ESC 1:25

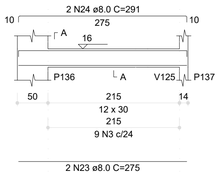


V63 (12 x 30)
ESC 1:50

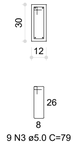


SEÇÃO A-A
ESC 1:25

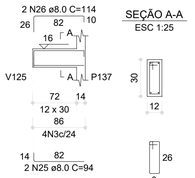
V64 (12 x 30)
ESC 1:50



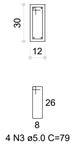
SEÇÃO A-A
ESC 1:25



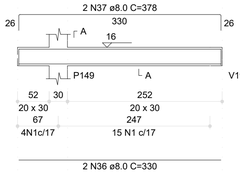
V65 (12 x 30)
ESC 1:50



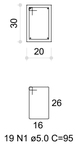
SEÇÃO A-A
ESC 1:25



V71 (20 x 30)
ESC 1:50



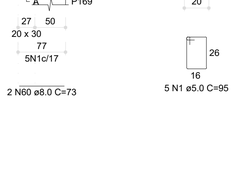
SEÇÃO A-A
ESC 1:25



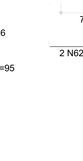
RELAÇÃO DO AÇO

V54	V56	V57
V58	V59	V61
V62	V63	V64
V65	V66	V67
V68	V69	V70
V71	V72	V73
V74	V75	V76
V77	V78	V79
V80	V81	V82
V84	V85	V86

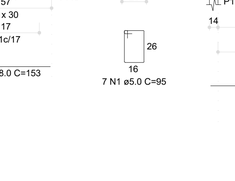
V66 (20 x 30)
ESC 1:50



SEÇÃO A-A
ESC 1:25

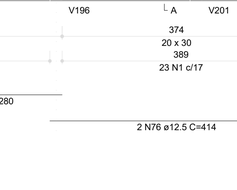


V67 (20 x 30)
ESC 1:50



SEÇÃO A-A
ESC 1:25

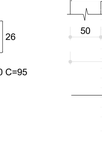
V68 (20 x 30)
ESC 1:50



SEÇÃO A-A
ESC 1:25

V69 (20 x 30)
ESC 1:50

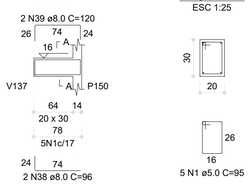
SEÇÃO A-A
ESC 1:25



V70 (20 x 30)
ESC 1:50

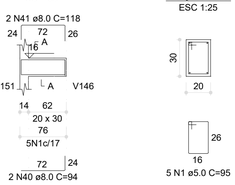
SEÇÃO A-A
ESC 1:25

V72 (20 x 30)
ESC 1:50



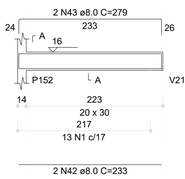
SEÇÃO A-A
ESC 1:25

V73 (20 x 30)
ESC 1:50

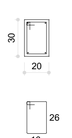


SEÇÃO A-A
ESC 1:25

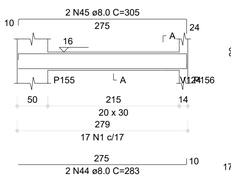
V74 (20 x 30)
ESC 1:50



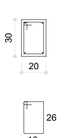
SEÇÃO A-A
ESC 1:25



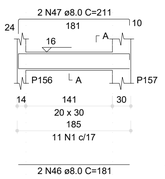
V75 (20 x 30)
ESC 1:50



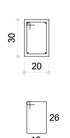
SEÇÃO A-A
ESC 1:25



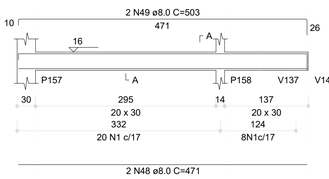
V76 (20 x 30)
ESC 1:50



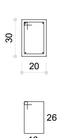
SEÇÃO A-A
ESC 1:25



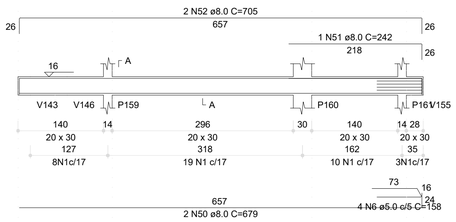
V77 (20 x 30)
ESC 1:50



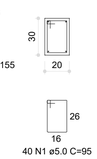
SEÇÃO A-A
ESC 1:25



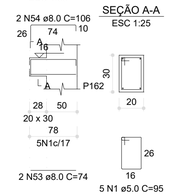
V78 (20 x 30)
ESC 1:50



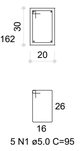
SEÇÃO A-A
ESC 1:25



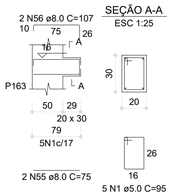
V79 (20 x 30)
ESC 1:50



SEÇÃO A-A
ESC 1:25

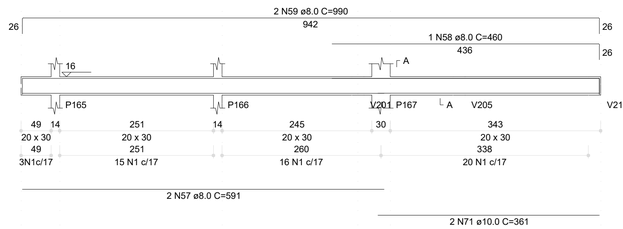


V80 (20 x 30)
ESC 1:50

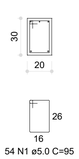


SEÇÃO A-A
ESC 1:25

V81 (20 x 30)
ESC 1:50



SEÇÃO A-A
ESC 1:25

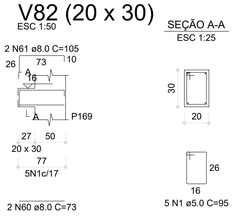


RESUMO DO AÇO

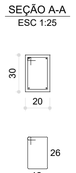
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	6.3	28.8	7
	8.0	332	131
	10.0	53.9	51.7
	12.5	39.7	38.2
	20.0	29.6	73
CA60	5.0	610.1	94
PESO TOTAL (kg)			
CA50	301.1		
CA60	94		

Volume de concreto (C-30) = 6.41 m³
Área de forma = 87.16 m²

V82 (20 x 30)
ESC 1:50



SEÇÃO A-A
ESC 1:25



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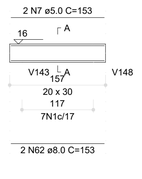

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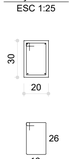

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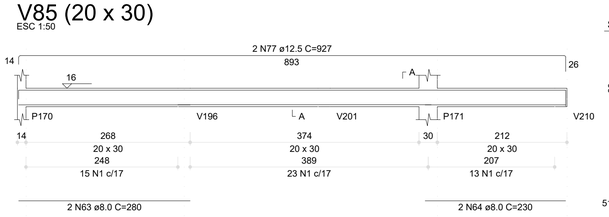

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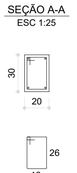

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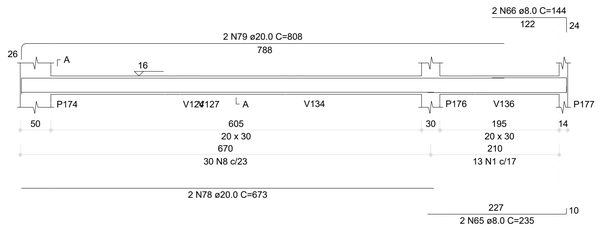

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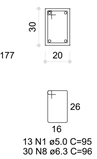
ESC 1:25



1 ARMAÇÃO DAS VIGAS DO PAVIMENTO TÉRREO - PARTE 03
ESCALA INDICADA

Nº	DATA	DESCRIÇÃO
03	JANEIRO/ 2023	Revisão geral da disciplina conforme a atualização da arquitetura. Redimensionamento dos elementos estruturais e acréscimo de elementos para adequação da arquitetura. Atendimento a NBR 6118/2014 e NBR 6122/2019.
02	JANEIRO/ 2017	Atendimento à NBR 9050/2015; Alteração: quadro de áreas, fechamento frontal, sanitários 1 e 2, altura da platibanda, mobiliário e equipamento, altura da ceramica nos sanitários, cor dos portões dos solarios e altura da porta PA4; Acréscimo: gradil e quadro de cargas no castelo d'água, de duchas higienicas e escaninhos pré-escola.
01	JULHO/ 2016	Alteração paredes - shaft para tubulação hidráulica e detalhamento; alteração da altura da platibanda.

CONTROLE DE REVISÕES

FNDE — MINISTÉRIO DA EDUCAÇÃO

PROJETO PADRÃO - FNDE

PROPRIETÁRIO:

ENDEREÇO:

MUNICÍPIO - UF:

PROPRIETÁRIO:

RESP. TÉCNICO: CAU / CREA

AUTOR DO PROJETO: CAU / CREA

APROVAÇÕES

CAU / CREA

PREFEITURA / RA

OBSERVAÇÕES:

CRECHE PRÉ-ESCOLA TIPO 1

PROJETO DE ESTRUTURA DE CONCRETO

COORDENAÇÃO: CGEST - Coordenação Geral de Infraestrutura Educacional

DETALHAMENO ARMAÇÃO DAS VIGAS PAVIMENTO TÉRREO PARTE 03

SCO

REVISÃO: R.00 R.03 R.01 R.02

ESCALA: 1:25 / 1:50

DATA EMISSÃO: JAN/2023

PRANCHA: 12/34

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