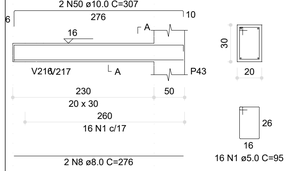
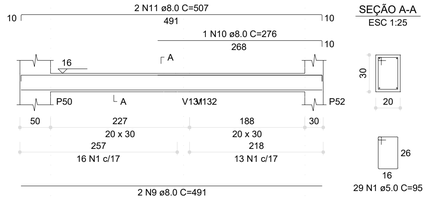
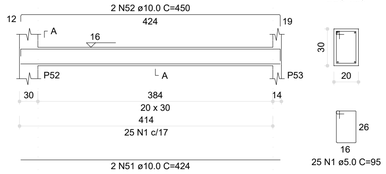
V19 (20 x 30)
ESC 1:50



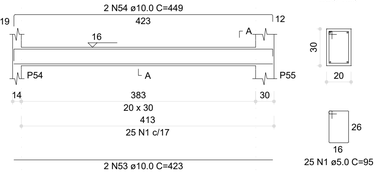
V22 (20 x 30)
ESC 1:50



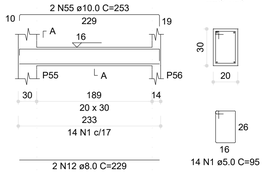
V23 (20 x 30)
ESC 1:50



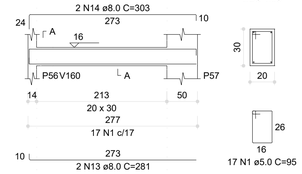
V24 (20 x 30)
ESC 1:50



V25 (20 x 30)
ESC 1:50

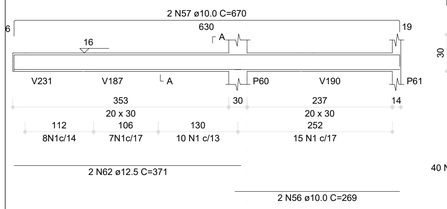


V26 (20 x 30)
ESC 1:50

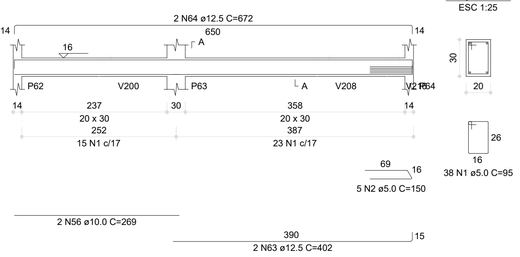


AÇO	N.	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	624	95	59280
	2	5.0	7	150	1050
	3	5.0	6	152	912
	4	5.0	3	162	486
	5	5.0	13	79	1027
	6	5.0	4	148	592
CA50	7	6.3	24	96	2304
	8	8.0	4	276	1104
	9	8.0	4	498	1992
	10	8.0	1	276	276
	11	8.0	2	507	1014
	12	8.0	2	228	456
	13	8.0	2	281	562
	14	8.0	2	303	606
	15	8.0	4	72	288
	16	8.0	4	104	416
	17	8.0	2	493	986
	18	8.0	1	256	256
	19	8.0	2	509	1018
	20	8.0	2	229	458
	21	8.0	2	272	544
	22	8.0	2	302	604
	23	8.0	2	75	150
	24	8.0	2	107	214
	25	8.0	2	247	494
	26	8.0	2	96	192
	27	8.0	2	120	240
	28	8.0	2	94	188
	29	8.0	2	116	232
	30	8.0	2	362	724
	31	8.0	2	669	1338
	32	8.0	2	274	548
	33	8.0	2	290	580
	34	8.0	2	94	188
	35	8.0	2	114	228
	36	8.0	2	271	542
	37	8.0	2	301	602
	38	8.0	2	276	552
	39	8.0	2	58	116
	40	8.0	2	308	616
	41	8.0	2	632	1264
	42	8.0	2	678	1356
	43	8.0	2	671	1342
	44	8.0	2	120	120
	45	8.0	2	695	1390
	46	8.0	2	333	666
	47	8.0	2	678	1356
	48	8.0	2	58	116
	49	8.0	2	82	164
	50	10.0	2	307	614
	51	10.0	2	424	848
	52	10.0	2	460	920
	53	10.0	4	423	1692
	54	10.0	2	449	898
	55	10.0	2	253	506
	56	10.0	4	269	1076
	57	10.0	2	670	1340
	58	10.0	2	424	848
	59	10.0	2	253	506
	60	10.0	2	279	558
	61	10.0	2	274	548
	62	12.5	2	371	742
	63	12.5	2	402	804
	64	12.5	2	672	1344
	65	12.5	2	680	1360
	66	12.5	2	445	890
	67	12.5	2	678	1356
	68	12.5	2	680	1360
	69	12.5	2	337	674
	70	16.0	2	397	794
	71	16.0	2	429	858
	72	16.0	2	598	1196
	73	20.0	2	550	1100

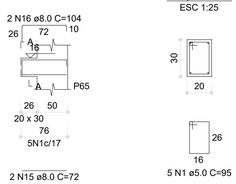
V28 (20 x 30)
ESC 1:50



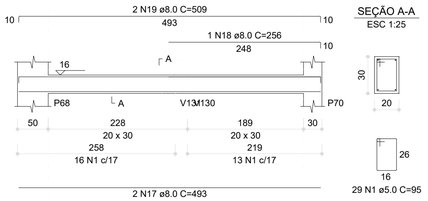
V29 (20 x 30)
ESC 1:50



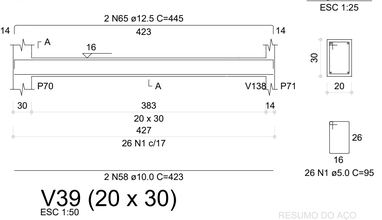
V30 (20 x 30)
ESC 1:50



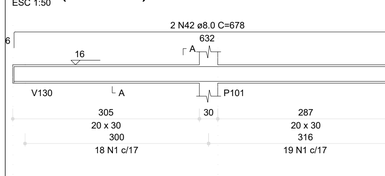
V31 (20 x 30)
ESC 1:50



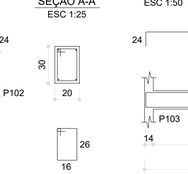
V32 (20 x 30)
ESC 1:50



V33 (20 x 30)
ESC 1:50

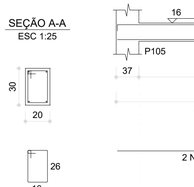


V34 (20 x 30)
ESC 1:50

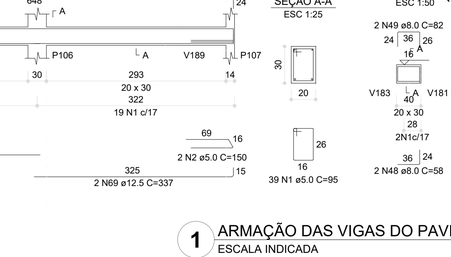


V35 (20 x 30)
ESC 1:50

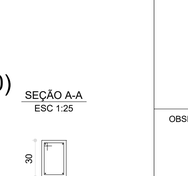
V36 (20 x 30)
ESC 1:50



V37 (20 x 30)
ESC 1:50



V39 (20 x 30)
ESC 1:50



RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	6.3	23	5.6
	8.0	255.9	101
	10.0	103.3	63.7
	12.5	80.6	77.6
	16.0	26.5	40
	20.0	11	27.1
CA60	5.0	633.5	97.6

PESO TOTAL (kg)	
CA50	320.1
CA60	97.6

Volume de concreto (C-30) = 6.42 m³
Área de forma = 86.74 m²

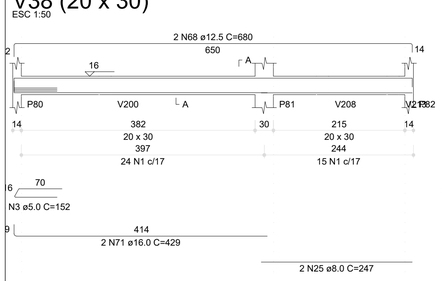
RELAÇÃO DO AÇO

V19 V22 V23
V24 V25 V26
V28 V29 V30
V31 V32 V33
V34 V35 V36
V37 V38 V39
V40 V41 V43
V44 V46 V47
V48 V49 V50
V51 V52 V53
V55

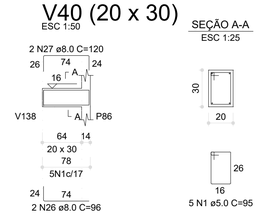
03	JANEIRO/ 2023	Revisão geral da disciplina conforme a atualização da arquitetura. Redimensionamento dos elementos estruturais e acréscimo de elementos para adequação da arquitetura. Atendimento a NBR 6118/2014 e NBR 6122/2019.
02	JANEIRO/ 2017	Atendimento à NBR 9050/2015; Alteração: quadro de áreas, 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.
N°	DATA	DESCRIÇÃO

CONTROLE DE REVISÕES

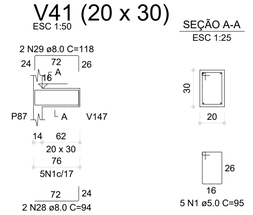
V38 (20 x 30)
ESC 1:50



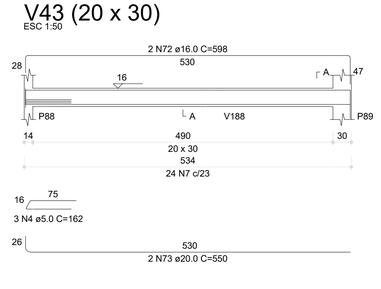
V40 (20 x 30)
ESC 1:50



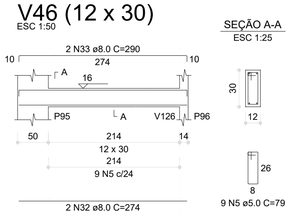
V41 (20 x 30)
ESC 1:50



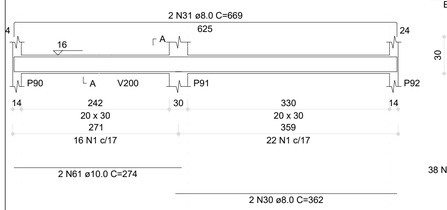
V43 (20 x 30)
ESC 1:50



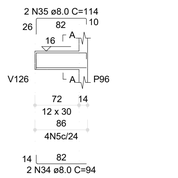
V46 (12 x 30)
ESC 1:50



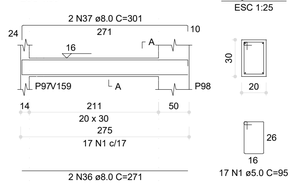
V44 (20 x 30)
ESC 1:50



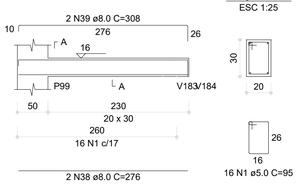
V47 (12 x 30)
ESC 1:50



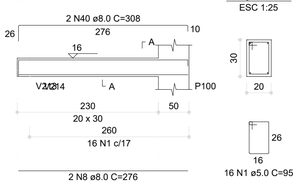
V48 (20 x 30)
ESC 1:50



V49 (20 x 30)
ESC 1:50

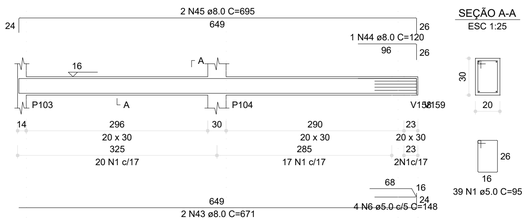


V50 (20 x 30)
ESC 1:50



V51 (20 x 30)
ESC 1:50

V52 (20 x 30)
ESC 1:50



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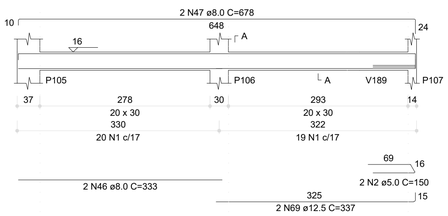

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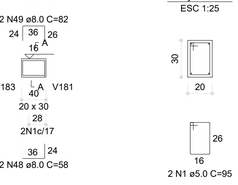

1 ARMAÇÃO DAS VIGAS DO PAVIMENTO TÉRREO - PARTE 02
ESCALA INDICADA

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

DETALHAMENTO ARMAÇÃO DAS VIGAS
PAVIMENTO TÉRREO
PARTE 02

SCO

REVISÃO: R.00 R.03 R.01 R.02

ESCALA: 1:25 / 1:50

DATA EMISSÃO: JAN/2023

PRANCHA: 11/34

FORMATO: (841x594)