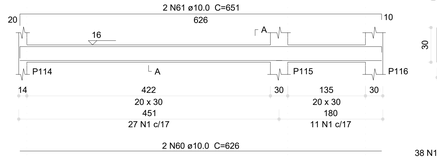
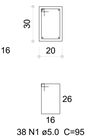
V60 (20 x 30)
ESC 1:50

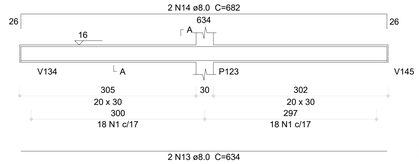


SEÇÃO A-A
ESC 1:25

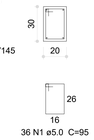


38 N1 ø5.0 C=95

V61 (20 x 30)
ESC 1:50

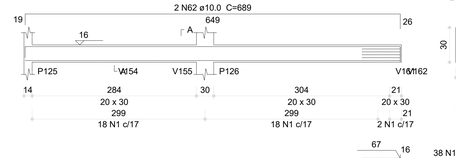


SEÇÃO A-A
ESC 1:25

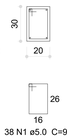


36 N1 ø5.0 C=95

V62 (20 x 30)
ESC 1:50

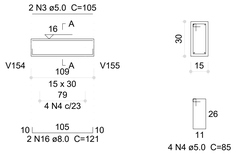


SEÇÃO A-A
ESC 1:25



38 N1 ø5.0 C=95

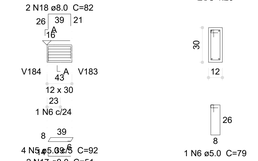
V63 (15 x 30)
ESC 1:50



SEÇÃO A-A
ESC 1:25

4 N4 ø5.0 C=85

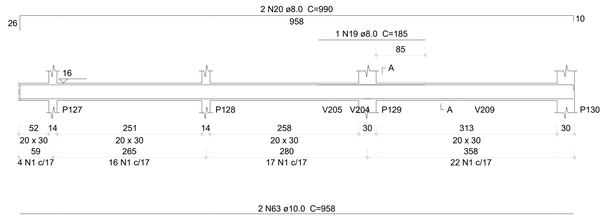
V64 (12 x 30)
ESC 1:50



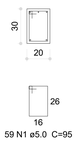
SEÇÃO A-A
ESC 1:25

1 N6 ø5.0 C=79

V65 (20 x 30)
ESC 1:50

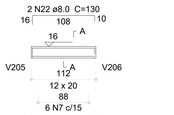


SEÇÃO A-A
ESC 1:25

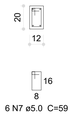


59 N1 ø5.0 C=95

V66 (12 x 20)
ESC 1:50

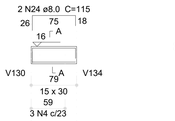


SEÇÃO A-A
ESC 1:25

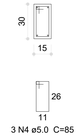


6 N7 ø5.0 C=59

V67 (15 x 30)
ESC 1:50

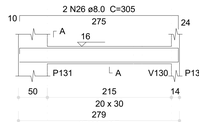


SEÇÃO A-A
ESC 1:25

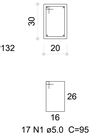


3 N4 ø5.0 C=85

V68 (20 x 30)
ESC 1:50

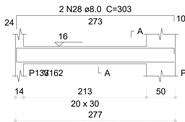


SEÇÃO A-A
ESC 1:25

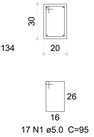


17 N1 ø5.0 C=95

V69 (20 x 30)
ESC 1:50

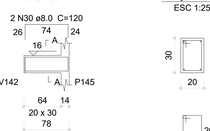


SEÇÃO A-A
ESC 1:25

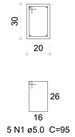


17 N1 ø5.0 C=95

V75 (20 x 30)
ESC 1:50

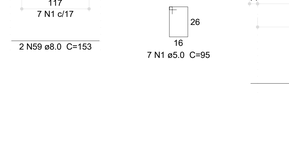


SEÇÃO A-A
ESC 1:25



5 N1 ø5.0 C=95

V70 (20 x 30)
ESC 1:50



SEÇÃO A-A
ESC 1:25

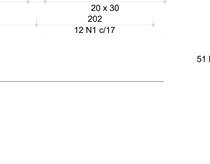
16 N1 ø5.0 C=95

V71 (20 x 30)
ESC 1:50

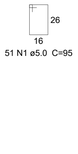
SEÇÃO A-A
ESC 1:25

16 N1 ø5.0 C=95

V72 (20 x 30)
ESC 1:50



SEÇÃO A-A
ESC 1:25



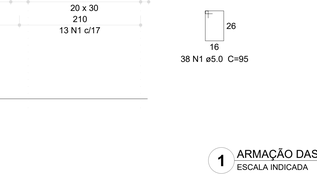
16 N1 ø5.0 C=95

V73 (20 x 30)
ESC 1:50

SEÇÃO A-A
ESC 1:25

36 N1 ø5.0 C=95

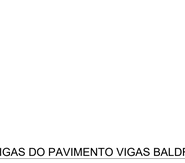
V74 (20 x 30)
ESC 1:50



SEÇÃO A-A
ESC 1:25

19 N1 ø5.0 C=95

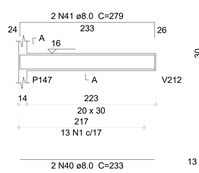
V76 (20 x 30)
ESC 1:50



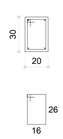
SEÇÃO A-A
ESC 1:25

5 N1 ø5.0 C=95

V77 (20 x 30)
ESC 1:50

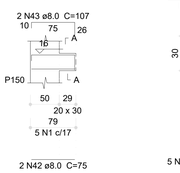


SEÇÃO A-A
ESC 1:25

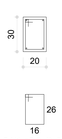


13 N1 ø5.0 C=95

V78 (20 x 30)
ESC 1:50

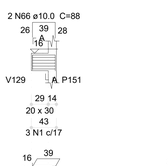


SEÇÃO A-A
ESC 1:25

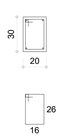


5 N1 ø5.0 C=95

V79 (20 x 30)
ESC 1:50

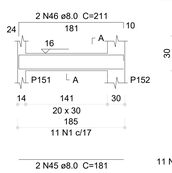


SEÇÃO A-A
ESC 1:25

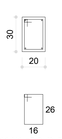


3 N1 ø5.0 C=95

V80 (20 x 30)
ESC 1:50

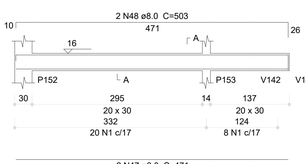


SEÇÃO A-A
ESC 1:25

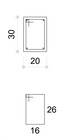


11 N1 ø5.0 C=95

V81 (20 x 30)
ESC 1:50

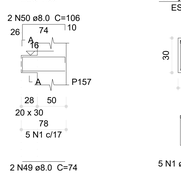


SEÇÃO A-A
ESC 1:25

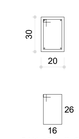


28 N1 ø5.0 C=95

V83 (20 x 30)
ESC 1:50

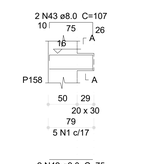


SEÇÃO A-A
ESC 1:25

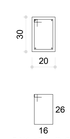


5 N1 ø5.0 C=95

V84 (20 x 30)
ESC 1:50

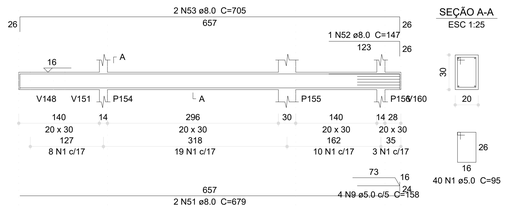


SEÇÃO A-A
ESC 1:25



5 N1 ø5.0 C=95

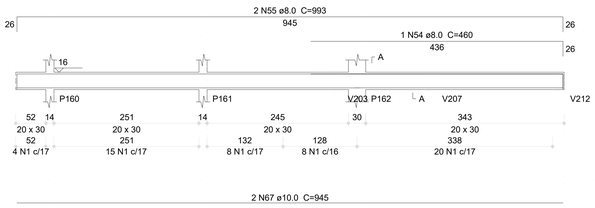
V82 (20 x 30)
ESC 1:50



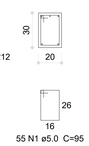
SEÇÃO A-A
ESC 1:25

40 N1 ø5.0 C=95

V85 (20 x 30)
ESC 1:50

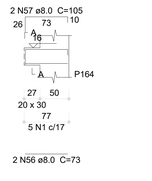


SEÇÃO A-A
ESC 1:25

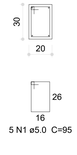


55 N1 ø5.0 C=95

V86 (20 x 30)
ESC 1:50

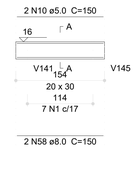


SEÇÃO A-A
ESC 1:25



5 N1 ø5.0 C=95

V87 (20 x 30)
ESC 1:50



SEÇÃO A-A
ESC 1:25

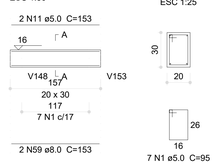
7 N1 ø5.0 C=95

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	8.0	272.2	107.4
	10.0	118.7	73.2
	12.5	49.9	48.1
CA60	5.0	611	94.2
PESO TOTAL (kg)			
CA50	228.6		
CA60	94.2		

Volume de concreto (C-30) = 5.96 m³
Área de forma = 80.34 m²

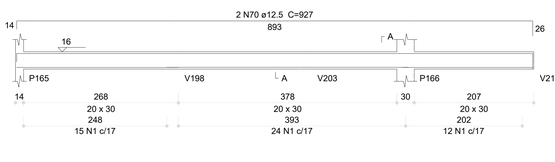
V88 (20 x 30)
ESC 1:50



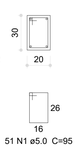
SEÇÃO A-A
ESC 1:25

7 N1 ø5.0 C=95

V89 (20 x 30)
ESC 1:50



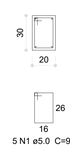
SEÇÃO A-A
ESC 1:25



51 N1 ø5.0 C=95

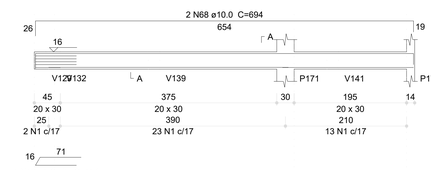
V90 (20 x 30)
ESC 1:50

SEÇÃO A-A
ESC 1:25

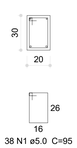


5 N1 ø5.0 C=95

V91 (20 x 30)
ESC 1:50



SEÇÃO A-A
ESC 1:25



38 N1 ø5.0 C=95

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

Relação do aço

V60	V61	V62
V63	V64	V65
V66	V67	V68
V69	V70	V71
V72	V73	V74
V75	V76	V77
V78	V79	V80
V81	V82	V83
V84	V85	V86
V87	V88	V89
V90	V91	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	596	95	56620
	2	5.0	4	146	584
	3	5.0	2	105	210
	4	5.0	7	85	595
	5	5.0	4	92	368
	6	5.0	1	79	79
	7	5.0	6	59	354
	8	5.0	4	108	432
	9	5.0	4	158	632
	10	5.0	2	150	300
	11	5.0	2	153	306
	12	5.0	4	154	616
CA50	13	8.0	2	634	1268
	14	8.0	2	682	1364
	15	8.0	2	671	1342
	16	8.0	2	121	242
	17	8.0	2	51	102
	18	8.0	2	82	164
	19	8.0	1	185	185
	20	8.0	2	990	1980
	21	8.0	2	108	216
	22	8.0	2	130	260
	23	8.0	2	91	182
	24	8.0	2	115	230
	25	8.0	4	275	1100
	26	8.0	2	305	610
	27	8.0	2	273	546
	28	8.0	2	303	606
	29	8.0	2	96	192
	30	8.0	2	120	240
	31	8.0	2	274	548
	32	8.0	2	306	612
	33	8.0	2	307	614
	34	8.0	2	264	528
	35	8.0	2	294	588
	36	8.0	2	330	660
	37	8.0	2	378	756
	38	8.0	2	94	188
	39	8.0	2	118	236
	40	8.0	2	233	466
	41	8.0	2	279	558
	42	8.0	6	75	450
	43	8.0	6	107	642
	44	8.0	2	61	122
	45	8.0	2	181	362
	46	8.0	2	211	422
	47	8.0	2	471	942
	48	8.0	2	503	1006
	49	8.0	2	74	148
	50	8.0	2	106	212
	51	8.0	2	679	1358
	52	8.0	1	147	147
	53	8.0	2	705	1410
	54	8.0	1	460	460
	55	8.0	2	993	1986
	56	8.0	2	73	146
	57	8.0	2	105	210
	58	8.0	2	150	300
	59	8.0	2	153	306
	60	10.0	2	626	1252
	61	10.0	2	651	1302
	62	10.0	2	689	1378
	63	10.0	2	958	1916
	64	10.0	2	625	1250
	65	10.0	2	658	1316
	66	10.0	2	88	176
	67	10.0	2	945	1890
	68	10.0	2	694	1388
	69	12.5	2	893	1786
	70	12.5	2	927	1854
	71	12.5	2	675	1350

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 casteio 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

DETALHAMENTO ARMAÇÃO DAS VIGAS
PAVIMENTO VIGA BALDRAME
PARTE 03

SCO

FORMATO (1189x841)

REVISÃO R.00 R.03 R.01 R.02

ESCALA 1:25; 1:50

DATA EMISSÃO JAN/2023

PRANCHA 12/30