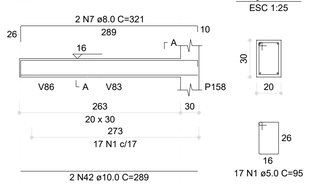
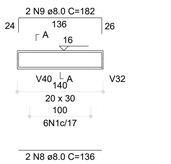
V136 (20 x 30)
ESC 1:50

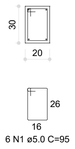


SEÇÃO A-A
ESC 1:25

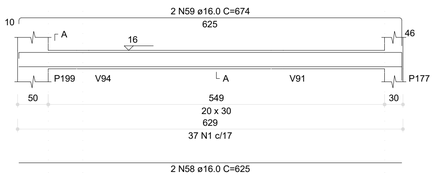
V138 (20 x 30)
ESC 1:50



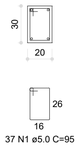
SEÇÃO A-A
ESC 1:25



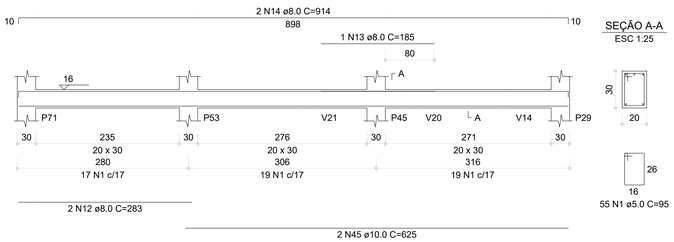
V139 (20 x 30)
ESC 1:50



SEÇÃO A-A
ESC 1:25

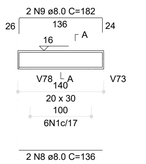


V141 (20 x 30)
ESC 1:50

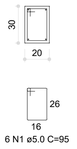


SEÇÃO A-A
ESC 1:25

V146 (20 x 30)
ESC 1:50



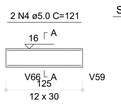
SEÇÃO A-A
ESC 1:25



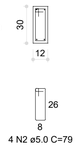
RELAÇÃO DO AÇO

V136	V138	V139
V140	V141	V142
V143	V144	V145
V146	V148	V149
V150	V151	V152
V153	V154	V155
V156	V157	V158
V159	V160	V162
V163	V164	V178

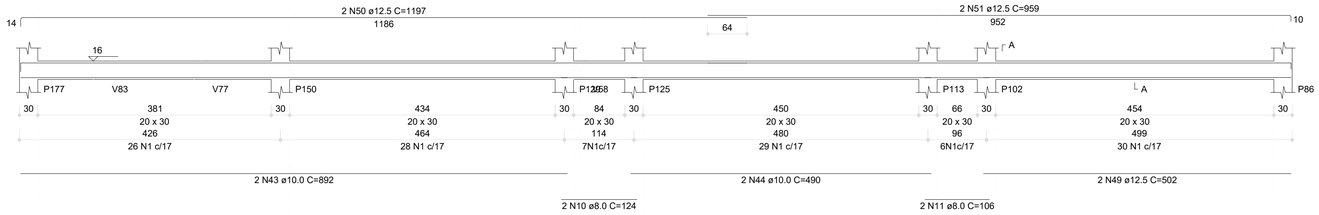
V157 (12 x 30)
ESC 1:50



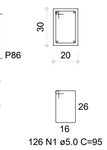
SEÇÃO A-A
ESC 1:25



V140 (20 x 30)
ESC 1:50

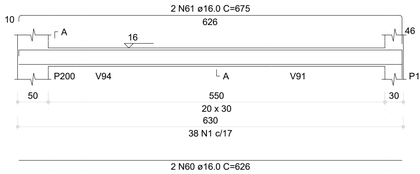


SEÇÃO A-A
ESC 1:25

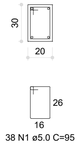


Aviso 06 - Viga com apoios sobrepostos. Ajustar detalhamento de acordo com a forma.

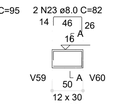
V142 (20 x 30)
ESC 1:50



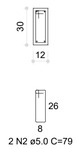
SEÇÃO A-A
ESC 1:25



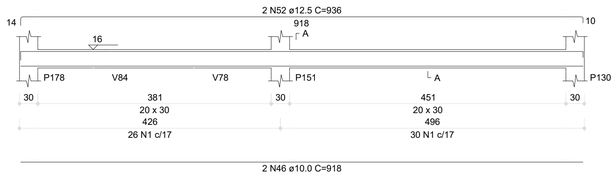
V149 (12 x 30)
ESC 1:50



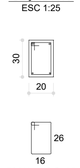
SEÇÃO A-A
ESC 1:25



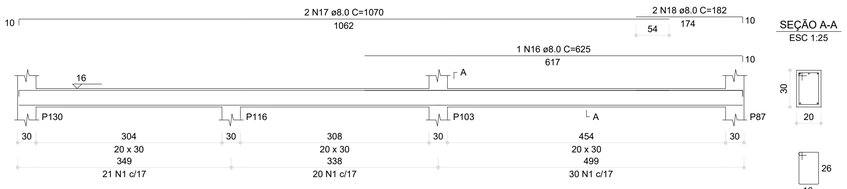
V143 (20 x 30)
ESC 1:50



SEÇÃO A-A
ESC 1:25

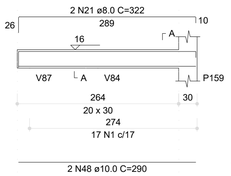


V144 (20 x 30)
ESC 1:50

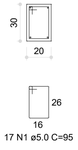


SEÇÃO A-A
ESC 1:25

V148 (20 x 30)
ESC 1:50



SEÇÃO A-A
ESC 1:25



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.
Nº	DATA	DESCRIÇÃO

CONTROLE DE REVISÕES

AÇO	Nº	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	719	95	68305
	2	5.0	26	78	2054
	3	5.0	2	465	930
	4	5.0	2	242	484
	5	5.0	2	286	572
	6	5.0	4	150	600
CA50	7	8.0	2	321	642
	8	8.0	4	136	544
	9	8.0	4	182	728
	10	8.0	2	124	248
	11	8.0	2	106	212
	12	8.0	4	283	1132
	13	8.0	1	185	185
	14	8.0	2	914	1828
	15	8.0	1	689	689
	16	8.0	1	625	625
	17	8.0	2	1070	2140
	18	8.0	2	182	364
	19	8.0	1	215	215
	20	8.0	2	928	1856
	21	8.0	2	322	644
	22	8.0	4	58	232
	23	8.0	4	83	332
	24	8.0	2	290	580
	25	8.0	2	336	672
	26	8.0	2	376	752
	27	8.0	2	424	848
	28	8.0	2	116	232
	29	8.0	2	152	304
	30	8.0	2	287	574
	31	8.0	2	319	638
	32	8.0	2	131	262
	33	8.0	4	121	484
	34	8.0	2	133	266
	35	8.0	2	286	572
	36	8.0	2	126	252
	37	8.0	2	159	318
	38	8.0	2	299	598
	39	8.0	2	324	648
	40	8.0	2	127	254
	41	8.0	2	147	294
	42	10.0	2	288	1776
	43	10.0	2	892	1784
	44	10.0	4	490	980
	45	10.0	4	625	2500
	46	10.0	2	918	1836
	47	10.0	2	502	1004
	48	10.0	2	290	580
	49	12.5	2	502	1004
	50	12.5	2	1097	2194
	51	12.5	2	959	1918
	52	12.5	2	936	1872
	53	12.5	4	531	2124
	54	12.5	2	660	1320
	55	12.5	2	662	1324
	56	12.5	2	549	1098
	57	12.5	2	573	1146
	58	12.5	2	625	1250
	59	16.0	2	674	1348
	60	16.0	2	626	1252
	61	16.0	2	675	1350
	62	16.0	2	625	1250
	63	16.0	2	194	388

RESUMO DO AÇO

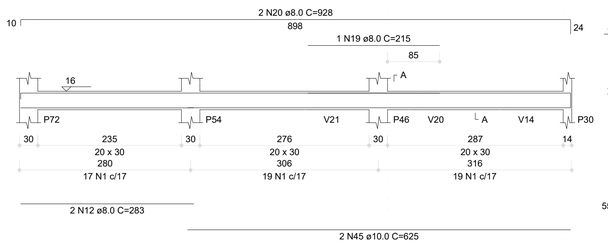
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 6% (kg)
CA50	8.0	218.1	86.1
	10.0	92.6	57.1
	12.5	142	136.8
	16.0	68.4	107.9
CA60	5.0	729.5	112.4

PESO TOTAL (kg)

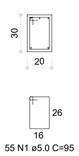
CA50	387.9
CA60	112.4

Volume de concreto (C-30) = 7.22 m³
Área de forma = 97.99 m²

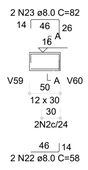
V145 (20 x 30)
ESC 1:50



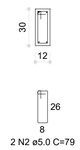
SEÇÃO A-A
ESC 1:25



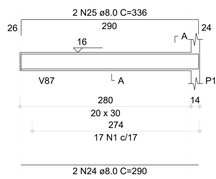
V150 (12 x 30)
ESC 1:50



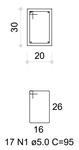
SEÇÃO A-A
ESC 1:25



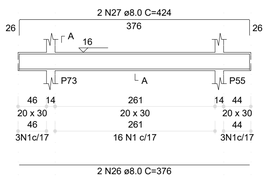
V151 (20 x 30)
ESC 1:50



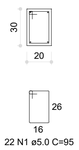
SEÇÃO A-A
ESC 1:25



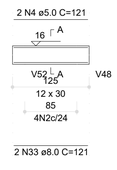
V152 (20 x 30)
ESC 1:50



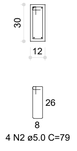
SEÇÃO A-A
ESC 1:25



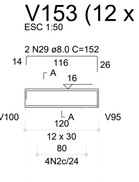
V159 (12 x 30)
ESC 1:50



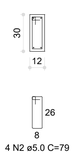
SEÇÃO A-A
ESC 1:25



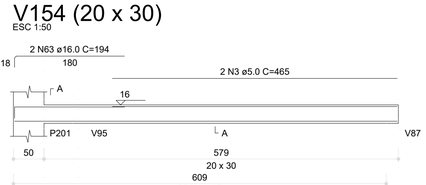
V153 (12 x 30)
ESC 1:50



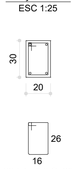
SEÇÃO A-A
ESC 1:25



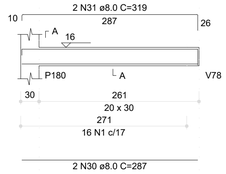
V154 (20 x 30)
ESC 1:50



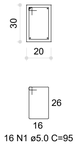
SEÇÃO A-A
ESC 1:25



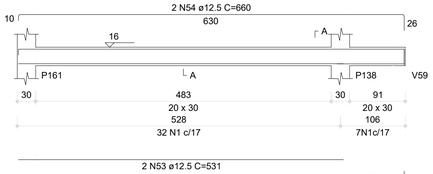
V155 (20 x 30)
ESC 1:50



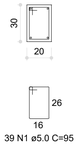
SEÇÃO A-A
ESC 1:25



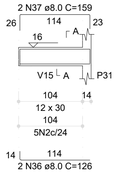
V156 (20 x 30)
ESC 1:50



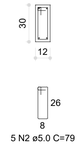
SEÇÃO A-A
ESC 1:25



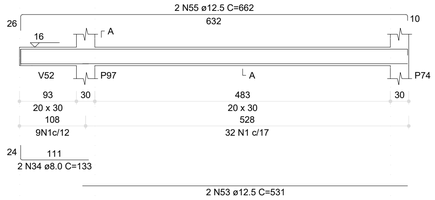
V162 (12 x 30)
ESC 1:50



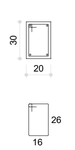
SEÇÃO A-A
ESC 1:25



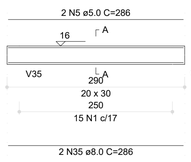
V158 (20 x 30)
ESC 1:50



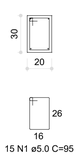
SEÇÃO A-A
ESC 1:25



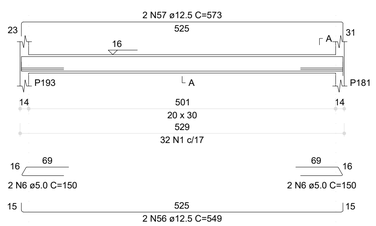
V160 (20 x 30)
ESC 1:50



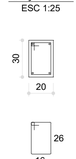
SEÇÃO A-A
ESC 1:25



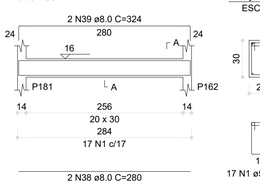
V163 (20 x 30)
ESC 1:50



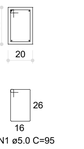
SEÇÃO A-A
ESC 1:25



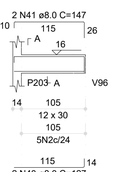
V164 (20 x 30)
ESC 1:50



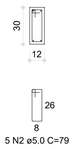
SEÇÃO A-A
ESC 1:25



V178 (12 x 30)
ESC 1:50



SEÇÃO A-A
ESC 1:25



1 ARMAÇÃO DAS VIGAS DO PAVIMENTO TÉRREO - PARTE 06
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 06

SCO

REVISÃO: R.00 R.03 R.01 R.02

ESCALA: 1:25 / 1:50

DATA EMISSÃO: JAN/2023

PRANCHA: 15/34

FORMATO: (841x594)