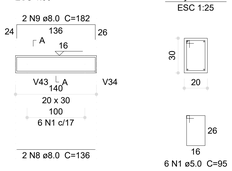
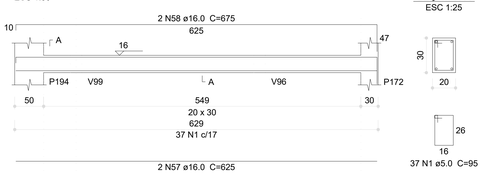
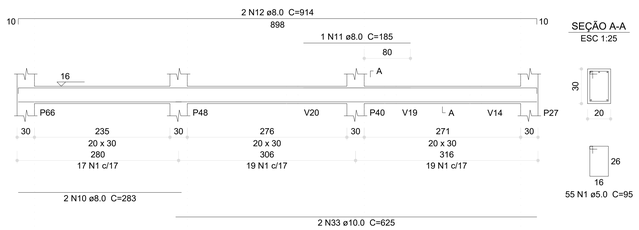
V143 (20 x 30)
ESC 1:50



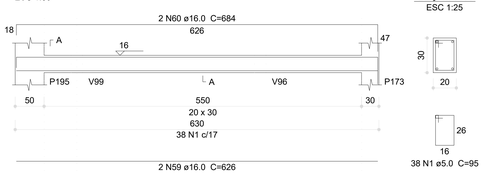
V144 (20 x 30)
ESC 1:50



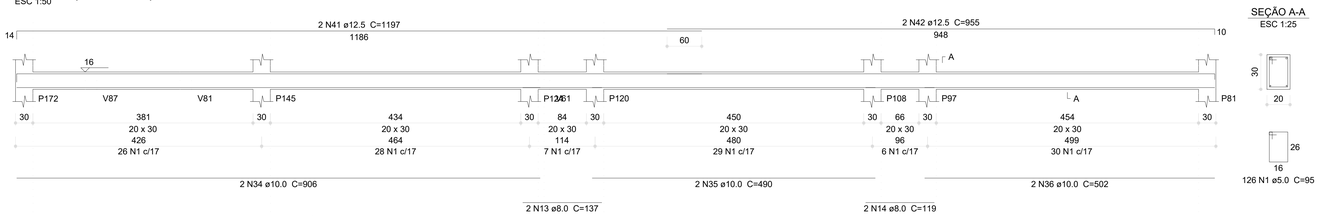
V146 (20 x 30)
ESC 1:50



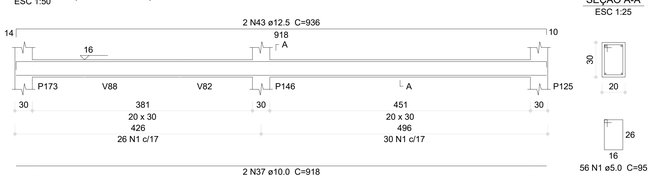
V147 (20 x 30)
ESC 1:50



V145 (20 x 30)
ESC 1:50

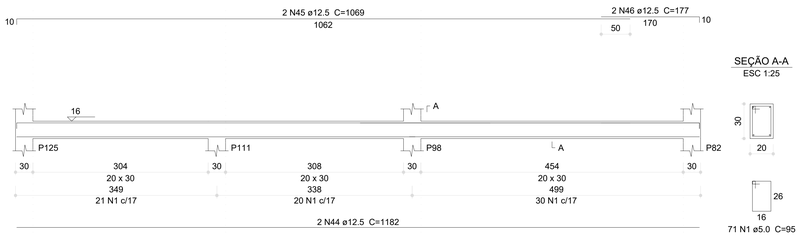


V148 (20 x 30)
ESC 1:50

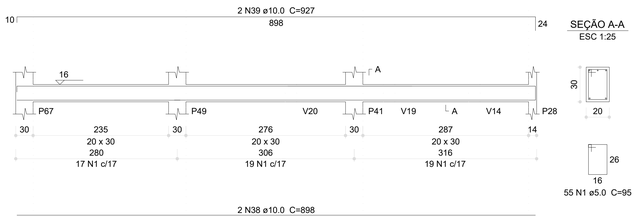


Aviso 06 - Viga com apoios sobrepostos. Ajustar detalhamento de acordo com a forma.

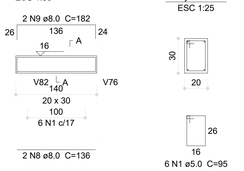
V149 (20 x 30)
ESC 1:50



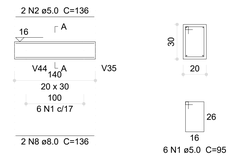
V150 (20 x 30)
ESC 1:50



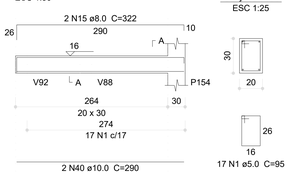
V151 (20 x 30)
ESC 1:50



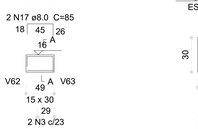
V152 (20 x 30)
ESC 1:50



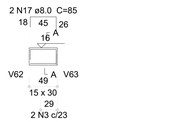
V153 (20 x 30)
ESC 1:50



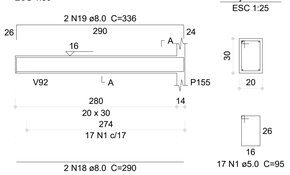
V154 (15 x 30)
ESC 1:50



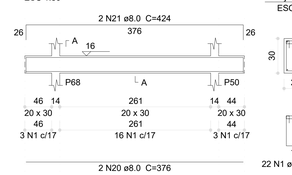
V155 (15 x 30)
ESC 1:50



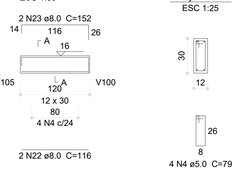
V156 (20 x 30)
ESC 1:50



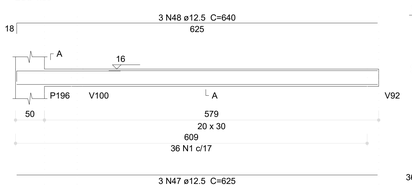
V157 (20 x 30)
ESC 1:50



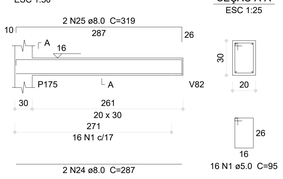
V158 (12 x 30)
ESC 1:50



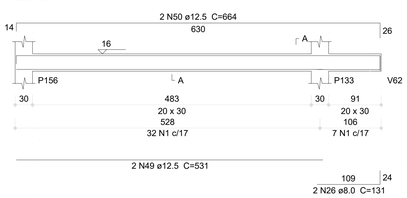
V159 (20 x 30)
ESC 1:50



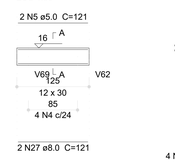
V160 (20 x 30)
ESC 1:50



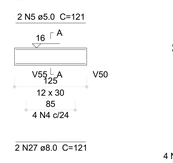
V161 (20 x 30)
ESC 1:50



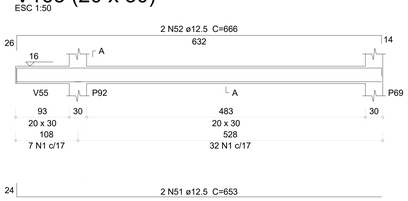
V162 (12 x 30)
ESC 1:50



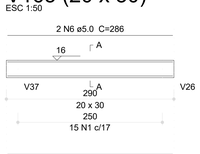
V164 (12 x 30)
ESC 1:50



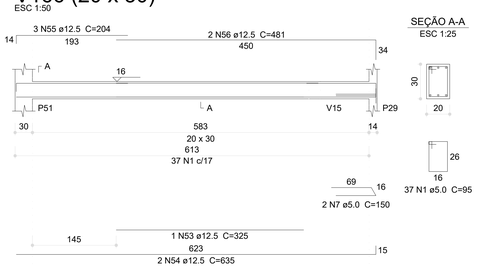
V163 (20 x 30)
ESC 1:50



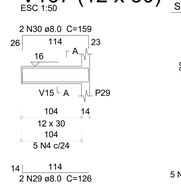
V165 (20 x 30)
ESC 1:50



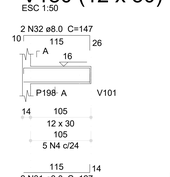
V166 (20 x 30)
ESC 1:50



V167 (12 x 30)
ESC 1:50



V180 (12 x 30)
ESC 1:50



1 ARMAÇÃO DAS VIGAS DO PAVIMENTO VIGAS BALDRAME - PARTE 06
ESCALA INDICADA

Relação do aço

V143	V144	V145
V146	V147	V148
V149	V150	V151
V152	V153	V154
V155	V156	V157
V158	V159	V160
V161	V162	V163
V164	V165	V166
V167	V180	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	694	95	65930
	2	5.0	2	136	272
	3	5.0	4	85	340
	4	5.0	22	79	1738
	5	5.0	4	121	484
	6	5.0	2	286	572
	7	5.0	2	150	300
CA50	8	8.0	6	136	816
	9	8.0	4	182	728
	10	8.0	2	283	566
	11	8.0	1	185	185
	12	8.0	2	914	1828
	13	8.0	2	137	274
	14	8.0	2	119	238
	15	8.0	2	322	644
	16	8.0	4	61	244
	17	8.0	4	85	340
	18	8.0	2	290	580
	19	8.0	2	336	672
	20	8.0	2	376	752
	21	8.0	2	424	848
	22	8.0	2	116	232
	23	8.0	2	152	304
	24	8.0	2	287	574
	25	8.0	2	319	638
	26	8.0	2	131	262
	27	8.0	4	121	484
	28	8.0	2	286	572
	29	8.0	2	126	252
	30	8.0	2	159	318
	31	8.0	2	127	254
	32	8.0	2	147	294
	33	10.0	2	625	1250
	34	10.0	2	906	1812
	35	10.0	2	490	980
	36	10.0	2	502	1004
	37	10.0	2	918	1836
	38	10.0	2	898	1796
	39	10.0	2	927	1854
	40	10.0	2	290	580
	41	12.5	2	1197	2394
	42	12.5	2	955	1910
	43	12.5	2	936	1872
	44	12.5	2	1182	2364
	45	12.5	2	1069	2138
	46	12.5	2	177	354
	47	12.5	3	625	1875
	48	12.5	3	640	1920
	49	12.5	2	531	1062
	50	12.5	2	664	1328
	51	12.5	2	653	1306
	52	12.5	2	666	1332
	53	12.5	1	325	325
	54	12.5	2	635	1270
	55	12.5	3	204	612
	56	12.5	2	481	962
	57	16.0	2	625	1250
	58	16.0	2	675	1350
	59	16.0	2	626	1252
	60	16.0	2	684	1368

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	8.0	129	50.9
	10.0	111.2	68.5
	12.5	230.3	221.8
	16.0	52.2	82.4
CA60	5.0	696.4	107.3

PESO TOTAL (kg)	
CA50	423.6
CA60	107.3

Volume de concreto (C-30) = 7.02 m³
Área de forma = 95.13 m²

CONTROLE DE REVISÕES

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 higiênicas e escaninhos pré-escola.
01	JULHO/ 2016	Alteração paredes - shaft para tubulação hidráulica e detalhamento; alteração da altura da platibanda.

FNDE MINISTÉRIO DA EDUCAÇÃO

PROJETO PADRÃO - FNDE

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE RIO PARDO

ENDEREÇO: RUA DEP. NELSON MARCHEZAN

MUNICÍPIO - UF: RIO PARDO - RS

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE RIO PARDO

ROGERIO LUIZ MONTEIRO:21560749091 — ROGERIO LUIZ MONTEIRO:21560749091 ou=ICP-Brasil, ou=Secretaria da Receita Federal do Brasil - RFB, ou=RFB e-CPF A1, ou=(em branco), ou=SERASA ANTIFRAUDE - PF, ou=AC SERASA RFB v5, ou=AR SOLUTI, ou=Presencial, ou=RIO GRANDE DO SUL, ou=RIO PARDO, o=ICP-Brasil, c=BR Motivo: Sou autor deste documento Local: RIO PARDO - RS Data: 2023.01.31 09:08:00-03'00'

RESP. TÉCNICO: CAU / CREA

AUTOR DO PROJETO: CAU / CREA

APROVAÇÕES

CAU / CREA

PREFEITURA / RA

RIO PARDO
SECRETARIA DE OBRAS
PROJETO APROVADO
Número do processo: 0701/2023
Data de Abertura do Processo: 10/02/2023
Data de aprovação: 10/02/2023
Assinatura do Gestor responsável

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 06

SCO

FORMATO (1189x841) | REVISÃO R.00 R.01 R.02 R.03 | ESCALA 1:25; 1:50 | DATA EMISSÃO JAN/2023 | PRANCHA 15/30