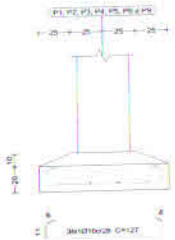
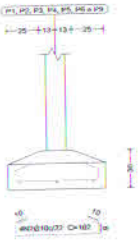
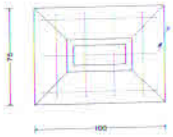
NÍVEL 0 - TERRENO
Fundação
Concreto: C20, em geral
Escala: 1:50

P1, P2, P3, P4, P5, P6 e P9

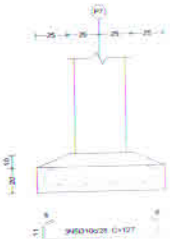




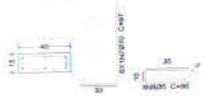


P1, P2, P3, P4, P5, P6 e P9

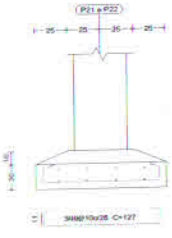
P7

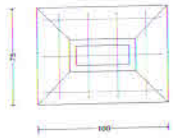


P7



P21 e P22





P21 e P22

Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
P1=P2=P3=P4=P5 P6=P9	1	Ø10	3		127		127	381	2.3	
	2	Ø10	4	10	82	10	102	408	2.5	
	3	Ø10	6	30	67		97	582	3.6	
	4	Ø5	3		96		98	294		0.5
								Total+10%	9.2	0.6
								(x7)	64.4	4.2
P7	5	Ø10	3		127		127	381	2.3	
	6	Ø10	4	10	82	10	102	408	2.5	
	7	Ø10	6	30	67		97	582	3.6	
	8	Ø5	3		96		98	294		0.5
								Total+10%	9.2	0.6
P21=P22	9	Ø10	3		127		127	381	2.3	
	10	Ø10	4	10	82	10	102	408	2.5	
	11	Ø10	6	30	67		97	582	3.6	
	12	Ø5	3		96		98	294		0.5
								Total+10%	9.2	0.6
								(x2)	18.4	1.2
								Ø5:	0.0	6.0
								Ø10	92.0	0.0
								Total	92.0	6.0

Resumo Aço NÍVEL 0 - TERRENO Fundação		Comp. total (m)	Peso+10% (kg)	Total
CA-50	Ø10	301.6	204	204
CA-60	Ø5	64.7	11	11
Total				215

Quadro de armação			
Pilar/Barras	Armadura Central	Armadura Face X	Armadura Face Y
P1, P2, P3, P4, P5, P6, P7, P8, P9, P10, P11, P12, P13, P14, P15, P16, P17, P18, P19, P20, P21, P22, P23	4Ø10 (3D=13+44)	16Ø10 (3D=23+44)	
P24, P25, P26, P27, P28, P29, P30	4Ø10 (3D=13+44)		12Ø10 (3D=23+44)

QUADRO DE SECCIONAMENTO DE FUNDAÇÃO				
Elementos	Dimensões (cm)	Altura (cm)	Armadura vol. X	Armadura vol. Y
P1, P2, P3, P4, P5, P6 e P9	100x75	30	30Ø10c/28	40Ø10c/22
P7	100x75	30	30Ø10c/28	40Ø10c/22
P8	100x75	30	30Ø10c/28	40Ø10c/22
P10 e P11 e P12	100x75	30	30Ø10c/28	40Ø10c/22
P13 e P14	75x100	30	30Ø10c/28	40Ø10c/22
P15 e P16	75x100	30	30Ø10c/28	40Ø10c/22
P17 e P18	75x100	30	30Ø10c/28	40Ø10c/22
P19	75x100	30	30Ø10c/28	40Ø10c/22
P20	75x100	30	30Ø10c/28	40Ø10c/22
P21 e P22	100x75	30	30Ø10c/28	40Ø10c/22

PREFEITURA MUNICIPAL DE COIMBRA

EMPREENDIMENTO	PREFEITURA MUNICIPAL DE COIMBRA
RESP. TÉCNICO	JOÃO ADELMO LESSA ENG. CIVIL - CREA 58.756/D
DESENHO	JAL
PROJETO	ESTRUTURAL
CONTEÚDO	SAPATAS E ARRANQUE PILARES BALDRAME
OBRA	AMPLIAÇÃO DA CRECHE
ENDEREÇO	RUA JOSÉ MATIAS CUNHA - CENTRO - COIMBRA - MG
FOLHA	1 DE 3
DATA	04/2020
ESCALA	1/50
ÁREA	150,50 m²