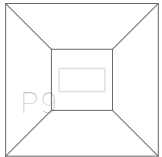
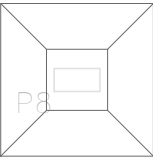
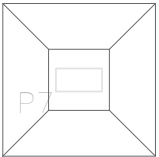
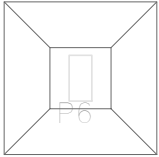
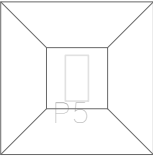
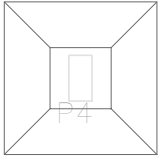
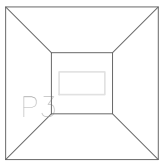
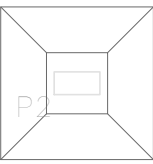
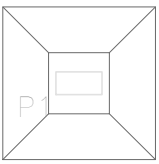


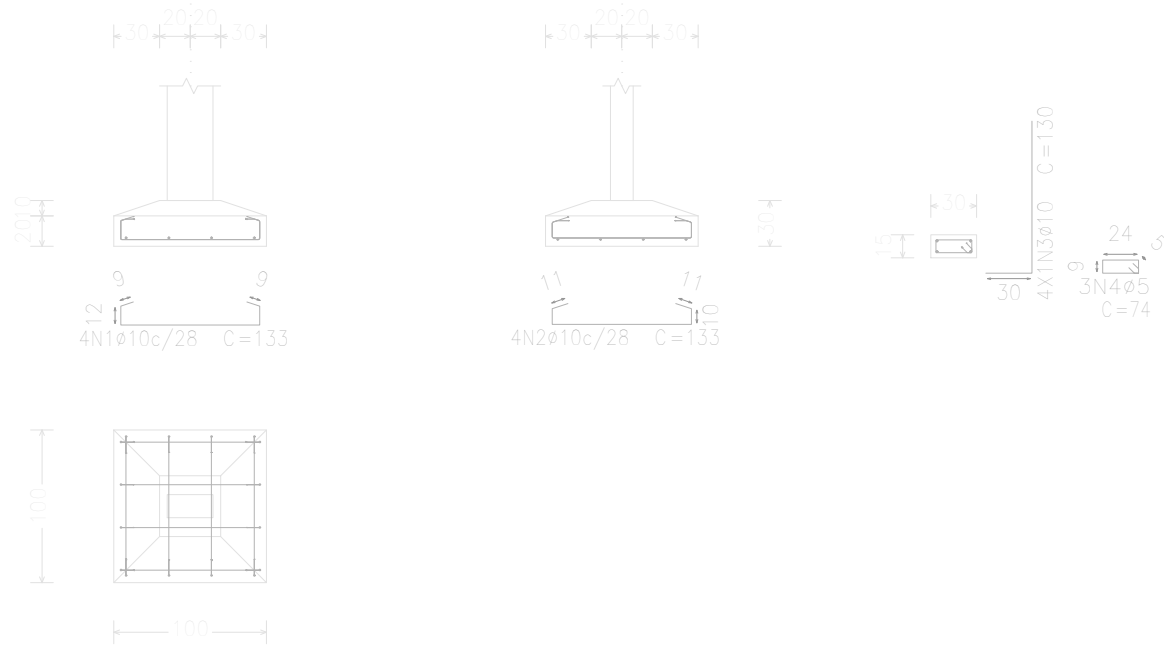
Subsolo
Detalhamento fundação
Concreto: C30, em geral
Escala: 1:50

Resumo Aço	Subsolo	Comp. total	Peso+10%	Total
Detalhamento fundação		(m)	(kg)	
CA-50	ø10	142,6	97	97
CA-60	ø5	20,0	3	3
Total				100

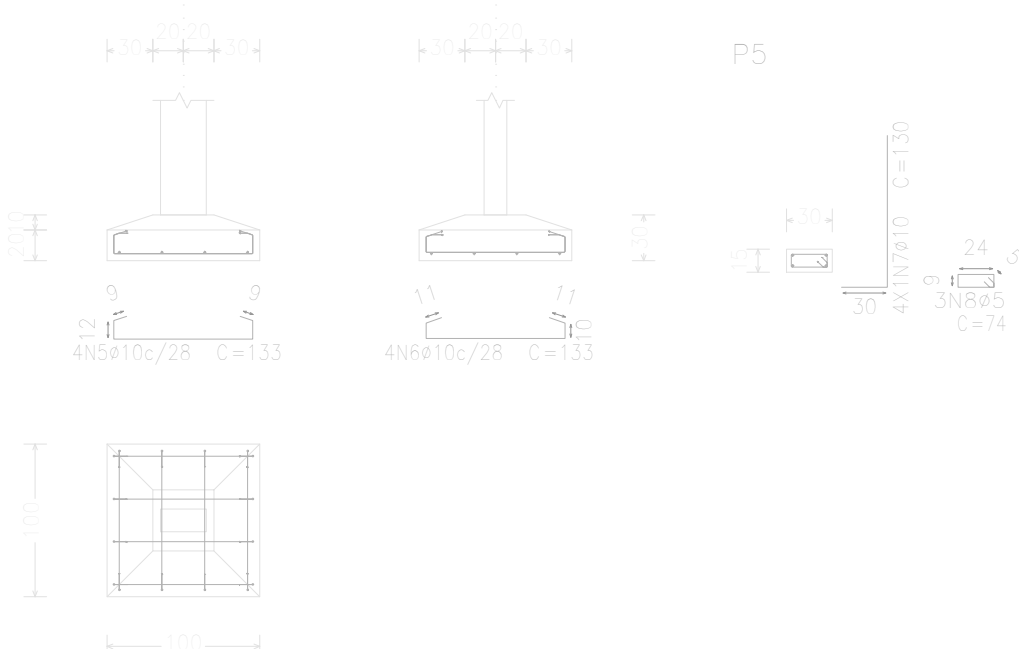
Elemento	Pos.	Diam.	Q.	Dob. (cm)	Retal (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)	
P1=P2=P3=P4=P6 P7=P8=P9	1	ø10	4		133		133	532	3,3		
	2	ø10	4		133		133	532	3,3		
	3	ø10	4	30	100		130	520	3,2		
	4	ø5	3		74		74	222		0,3	
	Total+10% (x8):								10,8	0,3	
									86,4	2,4	
P5	5	ø10	4		133		133	532	3,3		
	6	ø10	4		133		133	532	3,3		
	7	ø10	4	30	100		130	520	3,2		
	8	ø5	3		74		74	222		0,3	
	Total+10%:								10,8	0,3	
									ø5:	0,0	2,7
									ø10:	97,2	0,0
									Total:	97,2	2,7



P1, P2, P3, P4, P6, P7, P8 e P9



P5



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Contratante:	PREFEITURA MUNICIPAL DE TERRA ALTA (PA)	
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Obra:	REVITALIZAÇÃO DO BALNEÁRIO RIO GRANDE	
Localização:	RUA JÚLIO SARAIVA, S/N - SEDE MUNICIPAL	
Revisão:	01	Cidade: TERRA ALTA-PA
Desenho:	FUNDAÇÃO - BHO FUNCIONÁRIOS	
Desenhista:	Data: ABRIL/2026	PROJETO ESTRUTURAL
Escala: INDICADA		
Assinatura:		
		Prancha: 02
		05