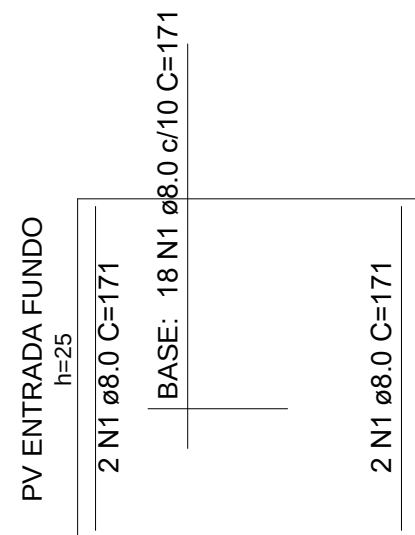
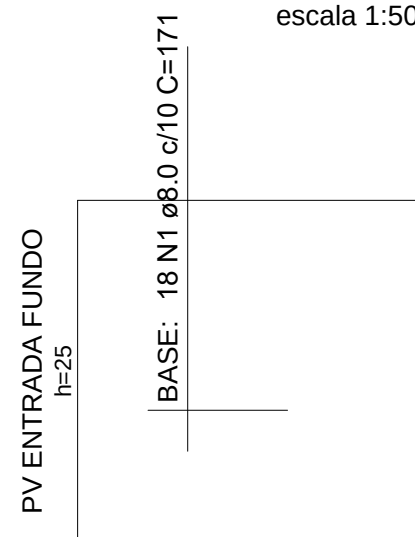


escala 1:50

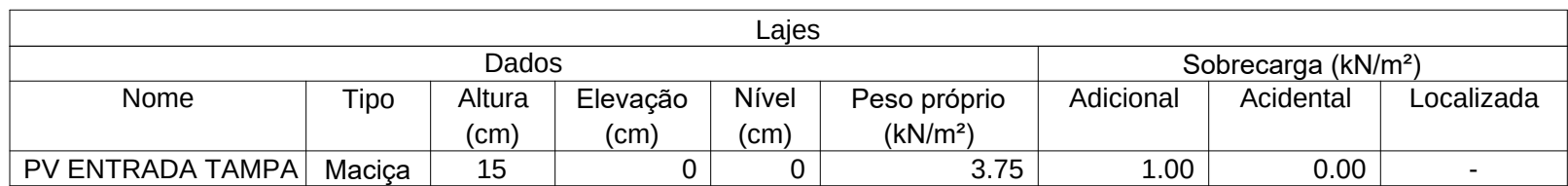


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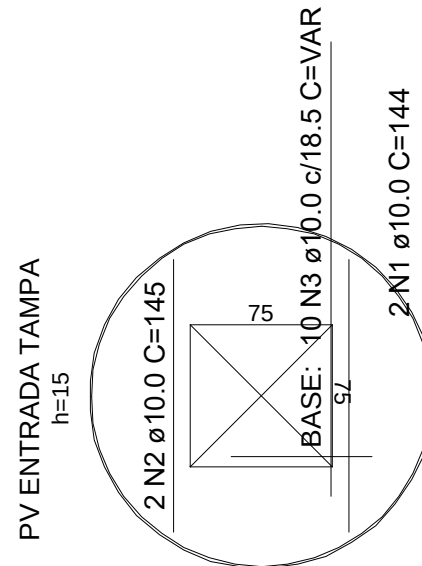


escala 1:50

escala 1:50

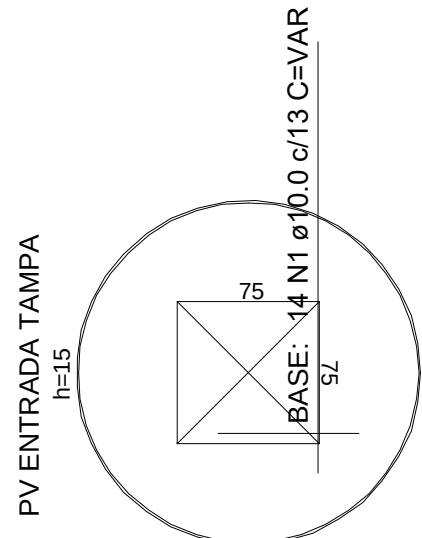


escala 1:50



escala 1:50

escala 1:50



escala 1:50

escala 1:50

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
Negativos X	CA50	1	8,0	18	171	3078
Negativos Y	CA50	1	8,0	18	171	3078
Positivos X	CA50	1	8,0	22	171	3762
Positivos Y	CA50	1	8,0	22	171	3762

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	136.8	59.4
PESO TOTAL (kg)			
CA50	59.4		

Volume de concreto (C-50) = 0.81 m³
Área de forma = 1.80 m²

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
Negativos X	CA50	1	10,0	14	VAR	VAR
Negativos Y	CA50	1	10,0	14	VAR	VAR
Positivos X	CA50	1	10,0	2	144	288
	CA50	2	10,0	2	145	290
	CA50	3	10,0	10	VAR	VAR
Positivos Y	CA50	1	10,0	2	144	288
	CA50	2	10,0	2	145	290
	CA50	3	10,0	10	VAR	VAR

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	76.4	51.8
PESO TOTAL (kg)			
CA50	51.8		

Volume de concreto (C-50) = 0.30 m³
Área de forma = 0.85 m²

NOTA: Nos radiers da caixa do barrilete, poço de gradeamento e PV de entrada deve-se retirar a camada de solo ruim e executar base de rachão compactado com 50cm de espessura

[illegible]