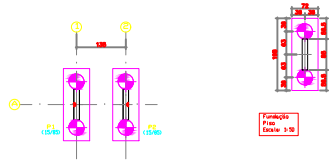
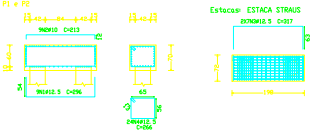
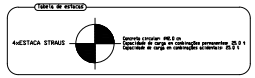


LOCAÇÃO DOS ELEMENTOS DA FUNDAÇAO DA BASE DO MASTRO
Escala: 1/50



Elemento	Pos	Diam	Q	Dob (cm)	Reta (cm)	Dob (cm)	Comp (cm)	Total (cm)	CA-50-A (kg)	CA-60-B (kg)
P1=P2	1	Ø12.5	3	36	180	36	888	3664	28.1	
	2	Ø10	5	32	189	32	253	1917	18.0	
	3	Ø12.5	14		317		317	4438	43.5	
	4	Ø12.5	24		266		266	6384	62.6	
								Total+10%	196.4	
								Total	317.2	
								Ø10	39.4	0.0
								Ø12.5	278.8	0.0
								Total	317.2	0.0

Resumo Aço Fundação Betalhamento Fundação		Comp. total (m)	Peso+10% (kg)	Total
CA-50-A	Ø10	38.3	26	
	Ø12.5	269.7	291	317



NORMAS

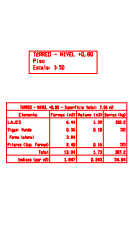
MATERIAIS

EXECUÇÃO DA ESTRUTURA

CARGAS ADOTADAS PARA ESTE PROJETO

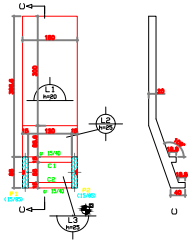
RECOBRIMENTOS

FUNDAÇÕES



TERREO - NIVEL +0,80
Piso
Escala: 1:50

TERREO - NIVEL +0,80 - Superficie total: 7,00 m2				
Elemento	Formas (m2)	Volume (m3)	Barras (kg)	
LAJES	6.44	1.30	260.0	
Viga Baldrame	0.56	0.18	36	
Forro Isolavel	0.00			
Pilares (Sob. Forros)	0.00	0.00	100	
Total	33.00	1.70	396.0	
Indices (por m2)	1.667	0.086	56.86	



FORMA DA BASE DO MASTRO
Escala: 1/50

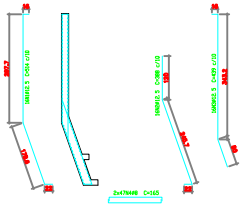
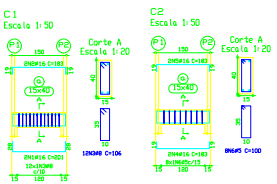
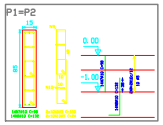


TABELA DE FERROS					
BPO	POS.	BIT.	COMP. (cm)	Q.tde. (pcs)	
CA-050	1	10.0	44	6144	
CA-050	2	10.0	32	896	
CA-050	3	12.5	14	490	
CA-050	4	8.0	24	168	
RESUMO DO AÇO +10%					
PESO CA-50A Ø 8.0			168.10 m		67.00 kg
PESO CA-50A Ø 12.5			514.50 m		823.2 kg
PESO TOTAL CA-50A					2023.2 kg
PESO TOTAL = 2023.2 kg					

Elemento	Pos	Diam	Q	Dob (cm)	Reta (cm)	Dob (cm)	Comp (cm)	Total (cm)	CA-50-A (kg)	CA-60-B (kg)
C1	1	Ø12.5	2	38	140	19	883	420	6.3	
	2	Ø16	2	19	145	19	183	366	5.7	
	3	Ø8	12				106	1272	3.0	
								Total+10%	18.7	
C2	4	Ø16	2	19	145	19	183	366	5.7	
	5	Ø16	2	19	145	19	183	366	5.7	
	6	Ø5	8				100	800		L.3
								Total+10%	12.5	1.4
P1=P2	7	Ø10	14		98		98	1372	8.6	
	8	Ø10	14	80	100		180	1848	11.6	
	9	Ø5	80		130		130	8600		4.1
	10	Ø5	80		24		24	480		0.8
								Total+10%	22.2	5.4
								Adic.	44.4	10.8
								Ø5:	5.0	12.2
								Ø8:	3.5	0.0
								Ø10:	44.4	0.0
								Ø16:	25.7	0.0
								Total:	75.6	18.2



Resumo Aço TERREO - NIVEL +0,80 Vigas		Comp. total (m)	Peso+10% (kg)	Total
CA-50-A	Ø8	12.7	5	
	Ø16	15.0	26	31
CA-60-B	Ø5	8.0	1	1
Total				32



Resumo Aço TERREO - NIVEL +0,80 Pilares		Comp. total (m)	Peso+10% (kg)	Total
CA-50-A	Ø10	64.4	44	44
CA-60-B	Ø5	61.6	11	11
Total				55

Pilares que terminan em TERREO - NIVEL +0,80
Concreto: C25, em geral
Aço: CA-50-A e CA-60-B
Escala horizontal: 1:20
Escala vertical: 1:50

LEGENDA PILAR
(NASCE)
(MORRE)
(SEGUE)

REV.	DATA	ESPECIFICAÇÃO	APROV.

pc projetos

PROJETOS DE ESTRUTURA
projetos@ibest.com.br Tel.:(22) 2545-0947
resp. téc.:PAULO AURENÇÃO-CREA 34183-D-RJ

CLIENTE: PREFEITURA DE CABO FRIO

Local: Av. Henrique Terra – Lote 09 – Quadra 16
Novo Portinho – Cabo Frio – RJ

ESTRUTURA – BASE DO MASTRO
FORMA, LOCAÇÃO E ARMAÇÃO DA BASE DO MASTRO

ESC.	ESCALA	Nº DA OBRA	DESENHO
1/50	INDICA	PC-202259	37

P C PF TR C F E S T 37 FO LC AR BS - MT R 0

PC-PFTR-CF-EST-37-FO-LC-AR-BS-MT-R0 .DWG

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