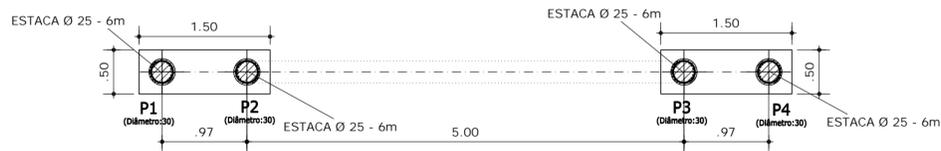


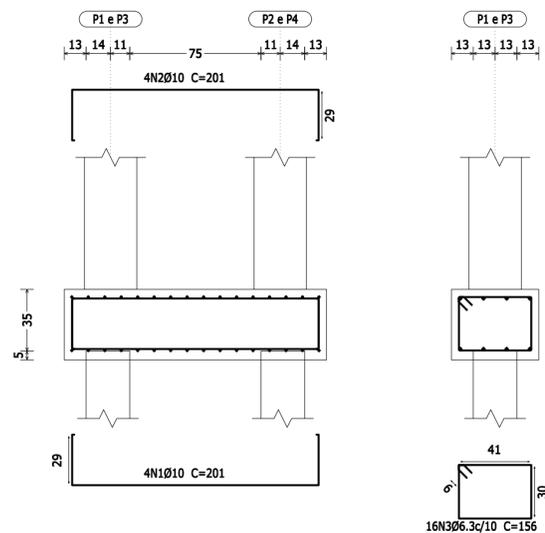
ARMAÇÃO DA FUNDAÇÃO

fck=20 mpa

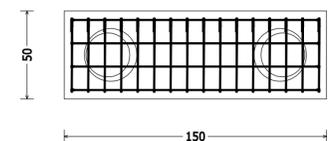
PLANTA FORMA FUNDAÇÃO ESCALA 1/50



(P1-P2) e (P3-P4)



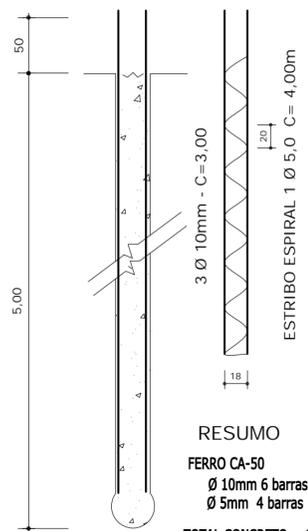
Estacas: EST



Resumo Aço Fundação	Comp. total (m)	Peso+10% (kg)	Total
CA-50-A	Ø6.3	49.9	14
	Ø10	57.8	40
CA-60-B	Ø4.2	10.3	1
Total			55

RESUMO CONCRETO = 0,6 m³
 AREA DE FORMA = 3,04 m²
 RESUMO CA-50 = 55 Kg

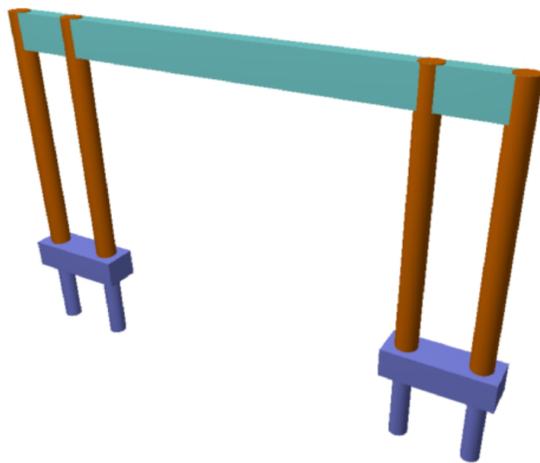
DETALHES DAS ESTACAS COMPRESSAO (x4)



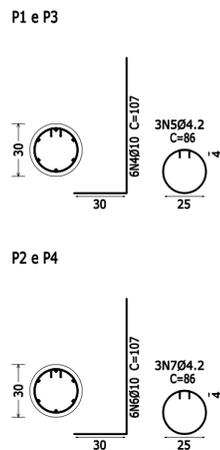
RESUMO

FERRO CA-50
 Ø 10mm 6 barras
 Ø 5mm 4 barras
 TOTAL CONCRETO = 1,2 m³
 CIMENTO = 8 SACOS
 AREIA = 1,0 m³
 PEDRA = 1,0 m³

Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50-A (kg)	CA-60-B (kg)	
(P1-P2)=(P3-P4)	1	Ø10	4	1	199	1	201	804	5.0		
	2	Ø10	4	1	199	1	201	804	5.0		
	3	Ø6.3	16	1	156		156	2496	6.2		
	4	Ø10	6	30	77		107	642	4.0		
	5	Ø4.2	3	86			86	258		0.3	
	6	Ø10	6	30	77		107	642	4.0		
	7	Ø4.2	3	86			86	258		0.3	
Total+10%:									26.6	0.7	
(x2):									53.2	1.4	
									Ø4.2:	0.0	1.4
									Ø6.3:	13.6	0.0
									Ø10:	39.6	0.0



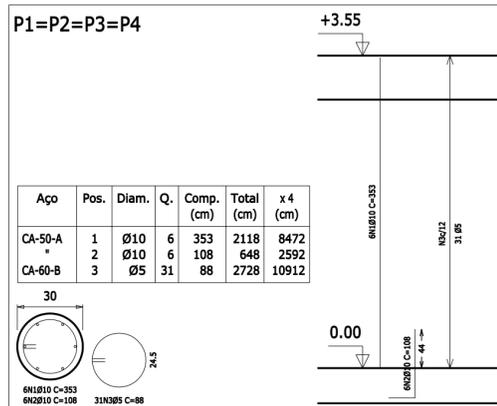
PERSPECTIVA ESTRUTURA



ARMAÇÃO DOS PILARES

fck=20 mpa

P1=P2=P3=P4



Aço	Pos.	Diam.	Q.	Comp. (cm)	Total (cm)	x 4 (cm)
CA-50-A	1	Ø10	6	353	2118	8472
	2	Ø10	6	108	648	2592
CA-60-B	3	Ø5	31	88	2728	10912



Resumo Aço VIGA+3,55 Pilares	Comp. total (m)	Peso+10% (kg)	Total
CA-50-A Ø10	110.6	76	76
CA-60-B Ø5	109.1	19	19
Total			95

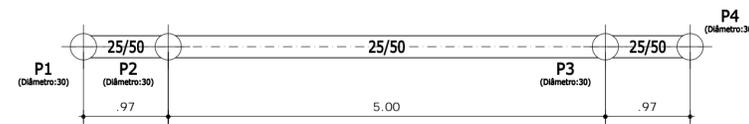
RESUMO CONCRETO = 0,88 m³
 AREA DE FORMA = 11,60 m²
 RESUMO CA-50 = 95 Kg



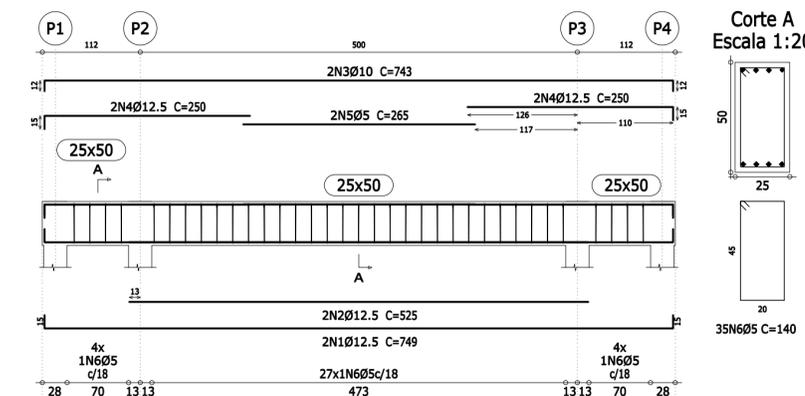
ARMAÇÃO DA VIGA

fck=20 mpa

PLANTA FORMA VIGA ESCALA 1/50



V 1
Escala 1:50



Corte A
Escala 1:20

Resumo Aço VIGA+3,55 Vigas	Comp. total (m)	Peso+10% (kg)	Total
CA-50-A Ø10	14.9	10	
	Ø12.5	35.5	48
CA-60-B Ø5	54.3	9	9
Total			57

RESUMO CONCRETO = 0,91 m³
 AREA DE FORMA = 7,98 m²
 RESUMO CA-50 = 57 Kg

Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50-A (kg)	CA-60-E (kg)	
V 1	1	Ø12.5	2	15	719	15	749	1498	14.7		
	2	Ø12.5	2	15	525		525	1050	10.3		
	3	Ø10	2	12	719	12	743	1486	9.3		
	4	Ø12.5	4	15	235		250	1000	9.8		
	5	Ø5	2	265		265	530			0.8	
	6	Ø5	35	140		140	4900			7.7	
Total+10%:									48.5	9.4	
									Ø5:	0.0	9.4
									Ø10:	10.2	0.0
									Ø12.5:	38.3	0.0
									Total:	48.5	9.4

PROJETO ESTRUTURAL

OBRA	DISCRIMINAÇÃO	DATA
PORTAL DE ENTRADA		MAIO 2021
LOCAL	fck=200kg/cm ² fyk=5000kg/cm ²	DESENHO
CEMITÉRIO MUNICIPAL		
PROPRIETÁRIO	PREFEITURA DE NARANDIBA	REVISÃO
DESCRIÇÃO	ARMAÇÃO	FOLHA
		UNICA