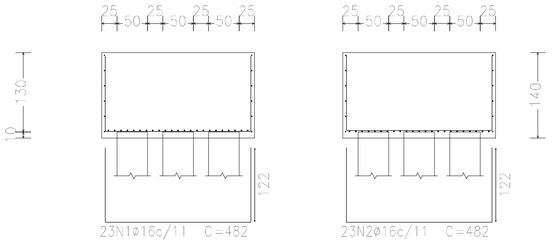
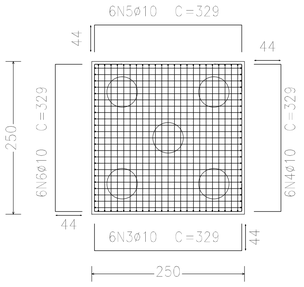
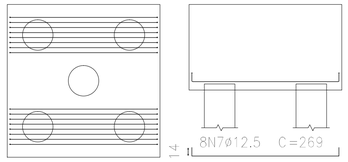
P24

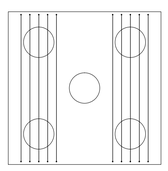


Estacas: E50

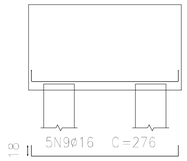


Viga paralela X

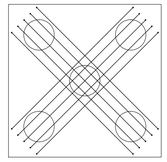


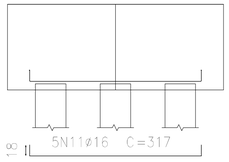


Viga paralela Y

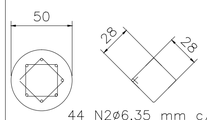


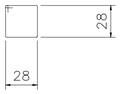
Viga diagonal

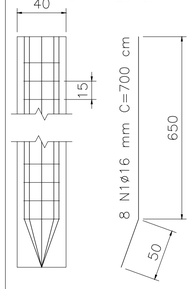




ESTACAS ø50 cm (1X)





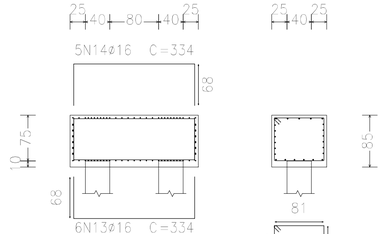


PROFUNDIDADE MÍNIMA DAS ESTACAS
DE 800 cm (À PARTIR DO TOPO DO BLOCO)

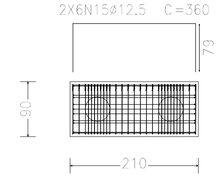
QUADRO DE FERROS					
N	Ø	COMPR.	QUANT.	PESO UNIT	PESO TOTAL
	mm	cm		Kg	Kg
1	16	700	8	11,20	89,60
2	6,35	120	88	0,29	25,87
				PESO TOTAL	115,47

RESUMO				
Ø	COMPRIMENTO	PESO	PESO + 10%	AÇO
16	5.600,00	89,60	98,56	CA-50A
6,35	10.560,00	25,87	28,46	CA-50A
	TOTAIS	115,47	127,02	

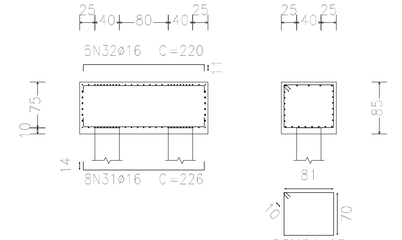
P28



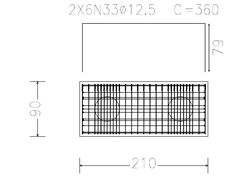
Estacas: E40



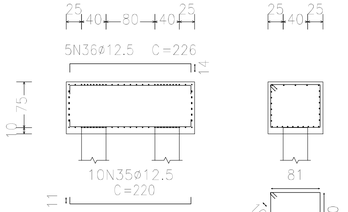
P39



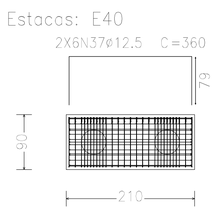
Estacas: E40



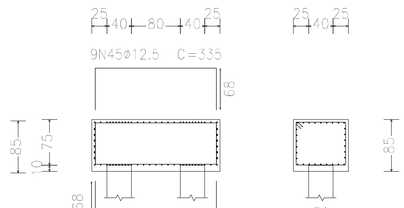
P36



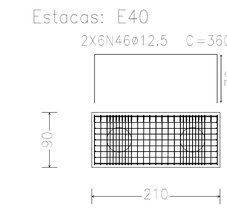
Estacas: E40



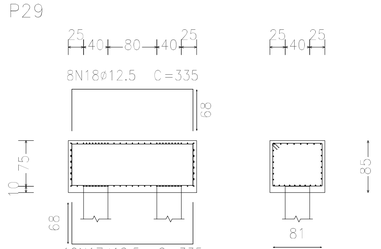
P1



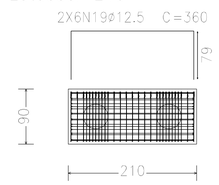
Estacas: E40



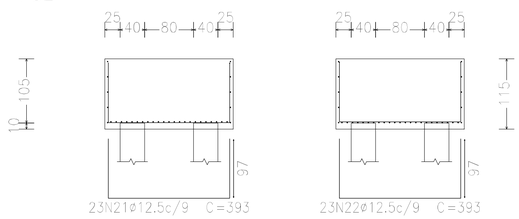
P29



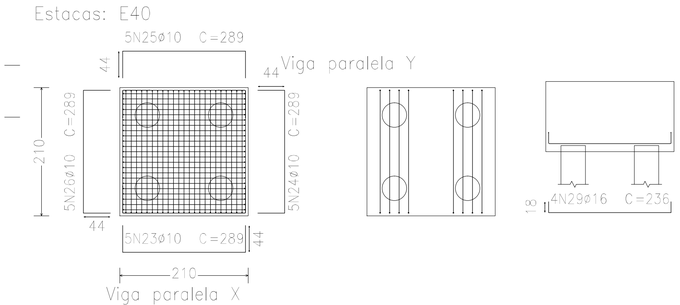
Estacas: E40



P32

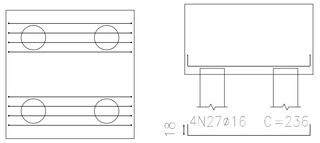


Estacas: E40

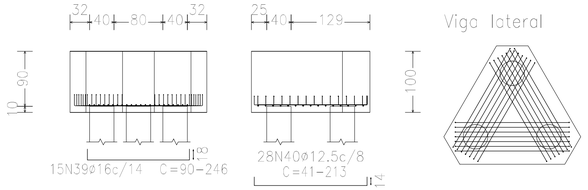


Viga paralela Y

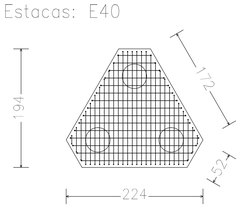
Viga paralela X

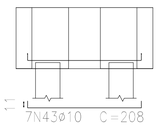


P38



Estacas: E40





Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
P24	1	ø16	23	122	238	122	482	10861	75,0	
	2	ø16	23	122	238	122	482	10861	75,0	
	3	ø10	6	44	241	44	329	1974	12,2	
	4	ø10	6	44	241	44	329	1974	12,2	
	5	ø10	6	44	241	44	329	1974	12,2	
	6	ø10	6	44	241	44	329	1974	12,2	
	7	ø12,5	8	`4	241	14	269	2152	20,7	
	8	ø12,5	8	`4	241	14	269	2152	20,7	
	9	ø16	5	`8	240	16	276	1380	21,8	
	10	ø16	5	`8	240	16	276	1380	21,8	
	11	ø16	5	`8	281	16	313	1565	25,0	
	12	ø16	5	`8	281	16	313	1565	25,0	
	Total+10%:							17587,2		
P28	13	ø16	8	68	198	68	334	2004	31,6	
	14	ø16	5	68	198	68	334	1670	26,4	
	15	ø12,5	12		360		360	4320	41,6	
	16	ø10	29		322		322	9338	57,5	
	Total+10%:							17582,8		
P29	17	ø12,5	10	68	199	68	335	3350	32,3	
	18	ø12,5	8	68	199	68	335	2680	25,8	
	19	ø12,5	12		360		360	4320	41,6	
	20	ø10	29		322		322	9338	57,5	
	Total+10%:							17587,9		
P32	21	ø12,5	23	97	199	97	353	8035	87,1	
	22	ø12,5	23	97	199	97	353	8035	87,1	
	23	ø10	5	44	201	44	289	1445	5,9	
	24	ø10	5	44	201	44	289	1445	5,9	
	25	ø10	5	44	201	44	289	1445	5,9	
	26	ø10	5	44	201	44	289	1445	5,9	
	27	ø16	4	`3	200	16	276	944	14,9	
	28	ø16	4	`3	200	16	276	944	14,9	
	29	ø16	4	`3	200	16	276	944	14,9	
	30	ø16	4	`3	200	16	276	944	14,9	
	Total+10%:							26963		
P39	31	ø16	8	`4	198	14	226	1808	28,5	
	32	ø16	5	`1	198	11	220	1100	17,4	
	33	ø12,5	12		360		360	4320	41,6	
	34	ø10	29		322		322	9338	57,5	
	Total+10%:							15956,5		
P36	35	ø12,5	10	`1	198	14	226	2260	21,2	
	36	ø12,5	5	`4	198	14	226	1130	10,9	
	37	ø12,5	12		360		360	4320	41,6	
	38	ø10	29		322		322	9338	57,5	
	Total+10%:							17144,3		
P38	39	ø16	13		VAR.		268	4254	42,4	
	40	ø12,5	08		VAR.		425	4254	41,0	
	41	ø10	7	`1	186	11	208	1456	5,0	
	42	ø10	7	`1	186	11	208	1456	5,0	
	43	ø10	7	`1	186	11	208	1456	5,0	
	Total+10%:							12141,4		
P1	44	ø12,5	9	68	199	68	335	3015	29,0	
	45	ø12,5	9	68	199	68	335	3015	29,0	
	46	ø12,5	12		360		360	4320	41,6	
	47	ø10	29		322		322	9338	57,5	
	Total+10%:							17292,8		
		ø10:						4385	0,0	
		ø12,5:						6743	0,0	
		ø16:						7144	0,0	
		Total:						18272	0,0	

NOTAS

1) TODAS AS DIMENSÕES EM CENTÍMETROS (E.A.)
2) UTILIZAR CONCRETO fcK = 30 MPa
3) AS ESTACAS DE FUNDAÇÃO FORAM DIMENSIONADAS EM HÉLICE CONTÍNUA

QUADRO DE ÁREAS

QUADRO DE REVISÕES

REVIS.	DISCRIMINAÇÃO	DATA	DESENHO	APROV.
0	Emissão Inicial	24/08/2023		

FADEX — GOVERNO DO PIAUI — PROCURADORIA-GERAL DO PIAUÍ - PGE — GOVERNO DO PIAUÍ AQUI TEM TRABALHO AQUI TEM FUTURO.

PROCURADORIA GERAL DO ESTADO DO PIAUÍ

PROPRIETÁRIO: NOME DO PROPRIETÁRIO CPF:

AUTOR DO PROJETO: Afonso Henrique Vilela

RESPONSÁVEL TÉCNICO:

PROJETO EXECUTIVO

APROVAÇÕES:

MUNICÍPIO: TERESINA–PI — ZONA: URBANA

CONTEÚDO: PLANTA DE DETALHAMENTO DAS FUNDAÇÕES (4de 6)

REVISÃO: 0

AFONSO HENRIQUE VILELA
Eng. Civil CREA 78.066/D – MG

ESCALA: 1:50

A1 (8410 x 5940)

DATA: 29/SETEMBRO/2023

NÚMERO DO AUTOR: EM–032–23–504–01

DIREITOS RESERVADOS: ESTE DESENHO É DE PROPRIEDADE EXCLUSIVA SENDO VETADA A REPRODUÇÃO OU UTILIZAÇÃO PARCIAL OU TOTAL SEM PRÉVIA AUTORIZAÇÃO.

A1