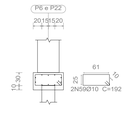
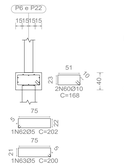
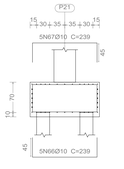
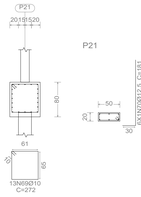
P6 e P22

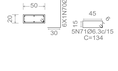




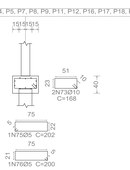
P21



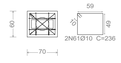




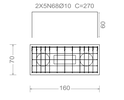
26, 33, 35, 36, 41, 42, 43, 62, 63, P1, P2, P3, P4, P5, P7, P8, P9, P11, P12, P16, P17, P18, P19, P23, P24 e P25



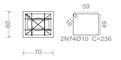
Estacas: ESTACA - HÉLICE CONTINUA 300



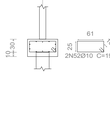
Estacas: ESTACA - HÉLICE CONTINUA 300

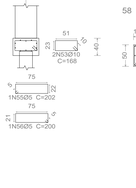


Estacas: ESTACA - HÉLICE CONTINUA 300

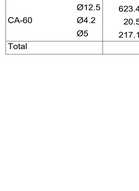


27, 28 e 50





29 e 72



30, 31, 37, 38, 39, 40, 45, 48, 49, 53, 60, 64, 65, 71, P14, P15 e P20

32 e 52

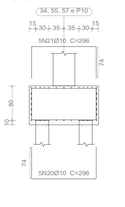
Estacas: ESTACA - HÉLICE CONTINUA 300

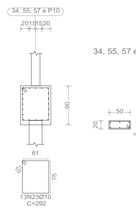
Estacas: ESTACA - HÉLICE CONTINUA 300

Estacas: ESTACA - HÉLICE CONTINUA 300

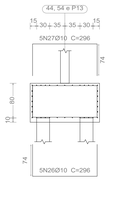
Estacas: ESTACA - HÉLICE CONTINUA 300

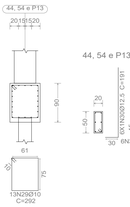
34, 55, 57 e P10

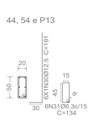




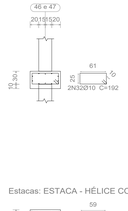
44, 54 e P13

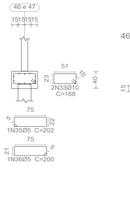




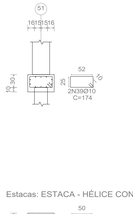


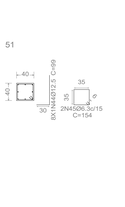
46 e 47





51





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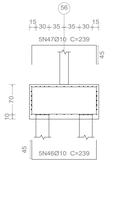

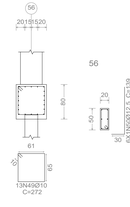

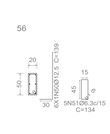

Estacas: ESTACA - HÉLICE CONTINUA 300

Estacas: ESTACA - HÉLICE CONTINUA 300

Estacas: ESTACA - HÉLICE CONTINUA 300

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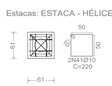

Estacas: ESTACA - HÉLICE CONTINUA 300

58

Resumo Aço Fundação Detalhamento fundação		Comp. total (m)	Peso+10% (kg)	Total
CA-50	Ø6.3	261.0	70	
	Ø10	2089.5	1416	
	Ø12.5	623.4	661	2147
CA-60	Ø4.2	20.5	2	
	Ø5	217.1	37	39
Total				2186

Estacas: ESTACA - HÉLICE CONTINUA 300

Concreto dos blocos de coroamento: FCK = 25Mpa

Elemento	Pos.	Diam.	Q	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
29=72	1	Ø10	5	45	149	45	239	1195	7.4	
	2	Ø10	5	45	149	45	239	1195	7.4	
	3	Ø10	10		270		270	2700	16.6	
	4	Ø10	13		272		272	3536	21.8	
	5	Ø12.5	6	30	151		181	1086	10.5	
	6	Ø6.3	5		134		134	670	1.6	
							Total+10%:		71.8	
							(x2):		143.6	
30=31=37=38=39=40 45=48=49=53=60=64 65=71=P14=P15=P20	7	Ø10	2		192		192	384	2.4	
	8	Ø10	2		168		168	336	2.1	
	9	Ø10	2		236		236	472	2.9	
	10	Ø5	1		202		202	202		0.3
	11	Ø5	1		200		200	200		0.3
	12	Ø12.5	6	30	110		140	840	8.1	
	13	Ø6.3	2		134		134	268	0.7	
							Total+10%:		17.8	0.7
							(x17):		302.6	11.9
32=52	14	Ø10	5	74	148	74	296	1480	9.1	
	15	Ø10	5	74	148	74	296	1480	9.1	
	16	Ø10	10		270		270	2700	16.6	
	17	Ø10	13		292		292	3796	23.4	
	18	Ø12.5	6	30	119		149	894	8.6	
	19	Ø6.3	6		104		104	624	1.5	
							Total+10%:		75.1	
							(x2):		150.2	
34=55=57=P10	20	Ø10	5	74	148	74	296	1480	9.1	
	21	Ø10	5	74	148	74	296	1480	9.1	
	22	Ø10	10		270		270	2700	16.6	
	23	Ø10	13		292		292	3796	23.4	
	24	Ø12.5	6	30	161		191	1146	11.0	
	25	Ø6.3	6		134		134	804	2.0	
							Total+10%:		78.3	
							(x4):		313.2	
44=54=P13	26	Ø10	5	74	148	74	296	1480	9.1	
	27	Ø10	5	74	148	74	296	1480	9.1	
	28	Ø10	10		270		270	2700	16.6	
	29	Ø10	13		292		292	3796	23.4	
	30	Ø12.5	6	30	161		191	1146	11.0	
	31	Ø6.3	6		134		134	804	2.0	
							Total+10%:		78.3	
							(x3):		234.9	
46=47	32	Ø10	2		192		192	384	2.4	
	33	Ø10	2		168		168	336	2.1	
	34	Ø10	2		236		236	472	2.9	
	35	Ø5	1		202		202	202		0.3
	36	Ø5	1		200		200	200		0.3
	37	Ø12.5	4	30	68		98	392	3.8	
	38	Ø6.3	2		84		84	168	0.4	
							Total+10%:		12.8	0.7
							(x2):		25.6	1.4
51	39	Ø10	2		174		174	348	2.1	
	40	Ø10	2		170		170	340	2.1	
	41	Ø10	2		220		220	440	2.7	
	42	Ø4.2	1		189		189	189		0.2
	43	Ø4.2	1		187		187	187		0.2
	44	Ø12.5	8	30	69		99	792	7.6	
	45	Ø6.3	2		154		154	308	0.8	
							Total+10%:		16.8	0.4
56	46	Ø10	5	45	149	45	239	1195	7.4	
	47	Ø10	5	45	149	45	239	1195	7.4	
	48	Ø10	10		270		270	2700	16.6	
	49	Ø10	13		272		272	3536	21.8	
	50	Ø12.5	6	30	109		139	834	8.0	
	51	Ø6.3	5		134		134	670	1.6	
							Total+10%:		69.1	
58	52	Ø10	2		192		192	384	2.4	
	53	Ø10	2		168		168	336	2.1	
	54	Ø10	2		236		236	472	2.9	
	55	Ø5	1		202		202	202		0.3
	56	Ø5	1		200		200	200		0.3
	57	Ø12.5	6	30	68		98	588	5.7	
	58	Ø6.3	2		124		124	248	0.6	
							Total+10%:		15.1	0.7
P6=P22	59	Ø10	2		192		192	384	2.4	
	60	Ø10	2		168		168	336	2.1	
	61	Ø10	2		236		236	472	2.9	
	62	Ø5	1		202		202	202		0.3
	63	Ø5	1		200		200	200		0.3
	64	Ø12.5	6	30	68		98	588	5.7	
	65	Ø6.3	2		134		134	268	0.7	
							Total+10%:		15.2	0.7
							(x2):		30.4	1.4
P21	66	Ø10	5	45	149	45	239	1195	7.4	
	67	Ø10	5	45	149	45	239	1195	7.4	
	68	Ø10	10		270		270	2700	16.6	
	69	Ø10	13		272		272	3536	21.8	
	70	Ø12.5	6	30	151		181	1086	10.5	
	71	Ø6.3	5		134		134	670	1.6	
							Total+10%:		71.8	
26=33=35=36=41=42 43=62=63=P1=P2=P3 P4=P5=P7=P8=P9 P11=P12=P16=P17 P18=P19=P23=P24 P25	72	Ø10	2		192		192	384	2.4	
	73	Ø10	2		168		168	336	2.1	
	74	Ø10	2		236		236	472	2.9	
	75	Ø5	1		202		202	202		0.3
	76	Ø5	1		200		200	200		0.3
	77	Ø12.5	6	30	110		140	840	8.1	
	78	Ø6.3	2		134		134	268	0.7	
							Total+10%:		17.8	0.7
							(x26):		462.8	18.2
27=28=50	79	Ø10	2		172		172	344	2.1	
	80	Ø10	2		188		188	376	2.3	
	81	Ø10	2		236		236	472	2.9	
	82	Ø4.2	1		201		201	201		0.2
	83	Ø4.2	1		199		199	199		0.2
	84	Ø12.5	6	30	111		141	846	8.1	
	85	Ø6.3	2		134		134	268	0.7	
							Total+10%:		17.7	0.4
							(x3):		53.1	1.2
							Ø4.2:		0.0	1.6
							Ø5:		0.0	33.6
							Ø6.3:		62.1	0.0
							Ø10:		2230.4	0.0
							Ø12.5:		596.7	0.0
							Total:		2889.2	35.2

APROVAÇÕES/OBSERVAÇÕES

Nº	REVISÕES	DATA	APROVAÇÃO

Alteração:

PROJETO:

Responsável Técnico

Contratante

OBJETO:

PROJETO ESTRUTURAL DA ESCOLA PADRÃO - MUNICÍPIO DE ARAPIRACA/AL.

ENDEREÇO:

PROJETO ESTRUTURAL

CONTEÚDO:

ÁREA POSTERIOR: DETALHAMENTO DOS BLOCOS DE COROAMENTO

FOLHA: 02/05

AUTOR DO PROJETO:

COLABORAÇÃO

ÁREAS:

TERRENO: --- m²

COBERTA: 2.262,68 m²

CONSTRUÍDA: 2.959,54 m²

TAXA DE OCUPAÇÃO: ---

DISCIPLINA: ESTRUTURAL

ESCALA: 1:100

CÓDIGO:

DATA: março 22