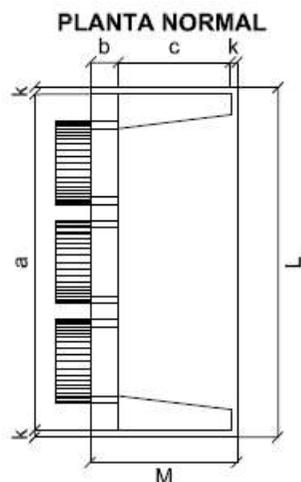
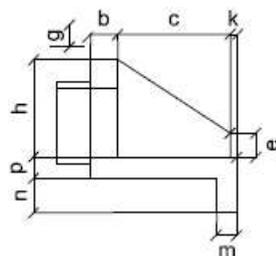


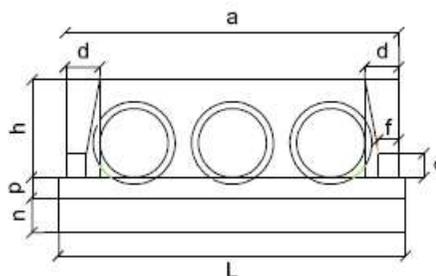
BUEIRO TRIPLO TUBULAR DE CONCRETO - BOCAS NORMAIS E ESCONSAS



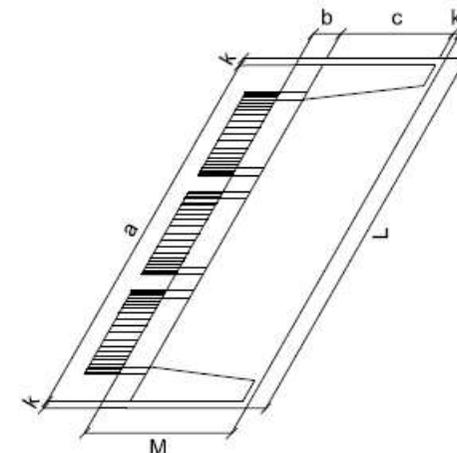
VISTA LATERAL



VISTA FRONTAL



PLANTA ESCONSO



DIMENSÕES E CONSUMOS MÉDIOS PARA UMA UNIDADE

Esc.	BUEIRO TRIPLO TUBULAR $\Phi = 100$													formas m ²	con creto m ³	cimento saco 50kg	areia m ³	brita 1 brita 2 m ³	água m ³	madeira m ³
	a	b	c	d	e	f	g	h	k	m	n	p	L							
0°	410			35									430	13,34	3,811	18,672	2,591	2,820	0,610	0,333
5°	412			35									432	13,38	3,814	18,688	2,598	2,822	0,610	0,335
10°	416			36									437	13,52	3,823	18,733	2,600	2,829	0,612	0,338
15°	424			36									445	13,76	3,839	18,809	2,610	2,841	0,614	0,344
20°	436	30	165	37	50	20	30	142	10	22	32	22	458	14,12	3,860	18,915	2,625	2,857	0,618	0,353
25°	452			39									474	14,62	3,888	19,049	2,644	2,877	0,622	0,366
30°	473			40									497	15,31	3,921	19,211	2,666	2,901	0,627	0,383
35°	501			43									525	16,23	3,959	19,400	2,692	2,930	0,633	0,406
40°	535			46									561	17,50	4,003	19,613	2,722	2,962	0,640	0,437
45°	580			49									608	19,24	4,051	19,850	2,755	2,998	0,648	0,481

Esc.	BUEIRO TRIPLO TUBULAR $\Phi = 150$													formas m ²	con creto m ³	cimento saco 50kg	areia m ³	brita 1 brita 2 m ³	água m ³	madeira m ³
	a	b	c	d	e	f	g	h	k	m	n	p	L							
0°	580			45									600	25,44	9,733	47,689	6,618	7,202	1,557	0,636
5°	582			45									602	25,53	9,743	47,742	6,625	7,210	1,559	0,638
10°	589			46									609	25,78	9,775	47,899	6,647	7,234	1,564	0,644
15°	600			47									621	26,22	9,828	48,159	6,683	7,273	1,573	0,655
20°	617	50	260	48	80	30	30	194	10	24	34	24	639	26,87	9,902	48,521	6,734	7,328	1,584	0,672
25°	640			50									662	27,79	9,996	48,981	6,797	7,397	1,599	0,695
30°	670			52									693	29,04	10,110	49,537	6,875	7,481	1,618	0,726
35°	708			55									732	30,74	10,242	50,183	6,964	7,579	1,639	0,768
40°	757			59									783	33,06	10,391	50,916	7,068	7,689	1,663	0,827
45°	820			64									849	36,29	10,557	51,729	7,179	7,812	1,689	0,907

Esc.	BUEIRO TRIPLO TUBULAR $\Phi = 120$													formas m ²	con creto m ³	cimento saco 50kg	areia m ³	brita 1 brita 2 m ³	água m ³	madeira m ³
	a	b	c	d	e	f	g	h	k	m	n	p	L							
0°	480			40									500	16,66	5,497	26,934	3,738	4,068	0,879	0,416
5°	482			40									502	16,72	5,503	26,963	3,742	4,072	0,880	0,418
10°	487			41									508	16,90	5,521	27,052	3,754	4,085	0,883	0,422
15°	497			41									518	17,21	5,551	27,198	3,774	4,107	0,888	0,430
20°	511	40	180	43	60	25	30	163	10	23	33	23	532	17,68	5,592	27,402	3,803	4,138	0,895	0,442
25°	530			44									552	18,34	5,645	27,661	3,839	4,177	0,903	0,458
30°	554			46									577	19,24	5,709	27,974	3,882	4,225	0,913	0,481
35°	586			49									610	20,45	5,783	28,337	3,933	4,280	0,925	0,511
40°	627			52									653	22,12	5,867	28,750	3,990	4,342	0,939	0,553
45°	679			57									707	24,42	5,961	29,207	4,053	4,411	0,954	0,610

NOTAS:

- 1 - Dimensões em cm;
- 2 - Utilizar concreto ciclópico fck > 15MPa;
- 3 - Utilizar preferencialmente bocas normais para bueiros escosos, ajustando o talude de aterro as alas e/ou prolongando o corpo do bueiro.

Prefeitura Mun. de Concórdia do Pará

BUEIRO TRIPLO TUBULAR DE CONCRETO
BOCAS NORMAIS E ESCONSAS

ALBUM DE PROJETOS-TIPO DE DISPOSITIVOS DE DRENAGEM

6/6