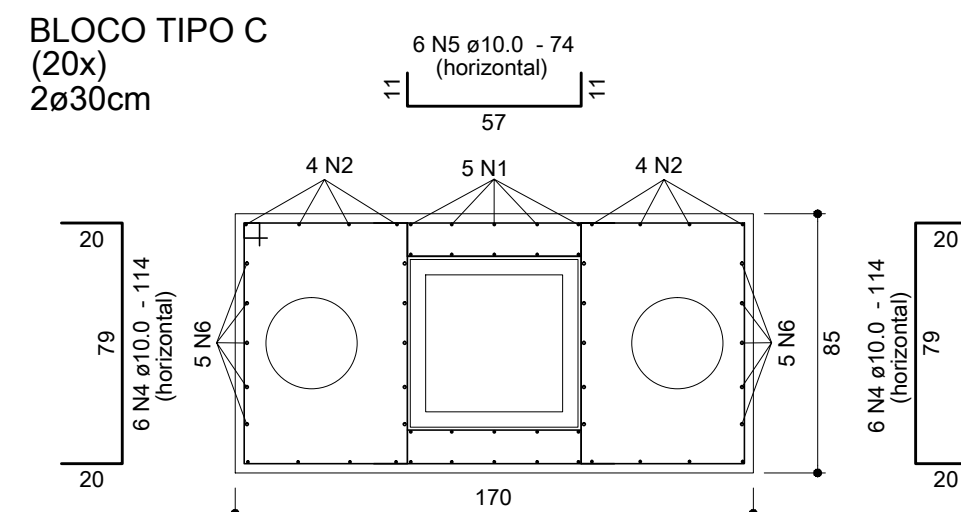
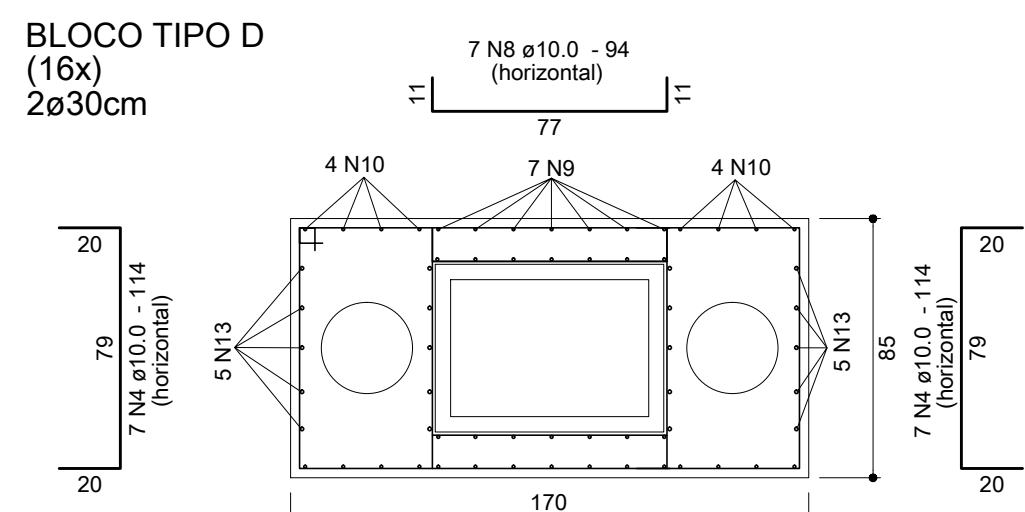
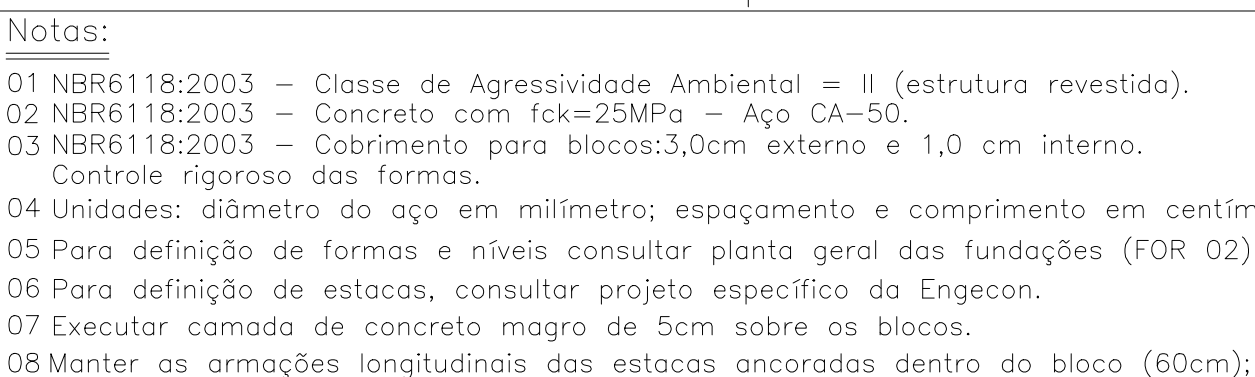
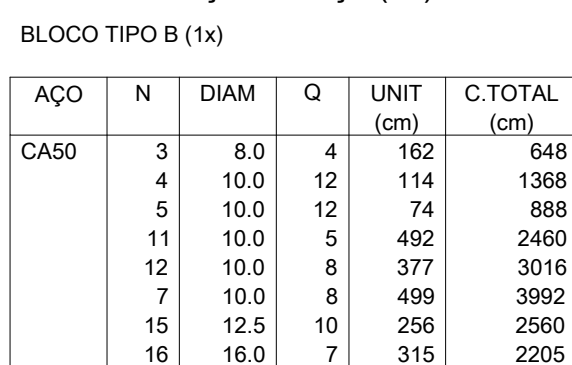




Technical drawing of a rectangular structure. The top horizontal dimension is 57. The top horizontal edge is labeled 6 N5 ø10.0 - 74 (horizontal). The right vertical edge is labeled 8 N7 ø10.0 - 499 (estribo horizontal). The right vertical edge is also labeled 89. The bottom horizontal edge is labeled 8 N7 ø10.0 - 499 (estribo horizontal). The bottom horizontal edge is also labeled 89. The drawing includes a small square symbol at the top-left corner and a small circle symbol at the bottom-right corner.



Technical drawing of a rectangular structure. The top horizontal dimension is labeled 77 with a dimension line and arrows. Below this, the text $7\ N8\ \phi 10.0 - 94$ is shown, with (horizontal) underneath. The right vertical dimension is labeled 79 with a dimension line and arrows. The bottom horizontal dimension is labeled $9\ N7\ \phi 10.0 - 499$ with $(\text{estribo horizontal})$ underneath. A small square symbol is located at the top-left corner of the rectangle.



AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA50	3	8.0	344	162	55728
	4	10.0	1032	114	117648
	5	10.0	1032	74	76368
	11	10.0	430	492	211560
	12	10.0	688	377	259376
	7	10.0	688	499	343312
	15	12.5	860	256	220160
16	16.0	602	315	189630	

BLOCO TIPO D (1x)					
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA50	3	8.0	4	162	648
	4	10.0	14	114	1596
	8	10.0	14	94	1316
	9	10.0	7	572	4004
	10	10.0	8	417	3336
	7	10.0	9	499	4491
	13	12.5	10	286	2860
	14	12.5	5	216	1080
16	16.0	8	315	2520	

AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	8.0	6.5	2.6
	10.0	147.5	90.9
	12.5	39.4	38
	16.0	25.2	39.8
PESO TOTAL (kg)		Vol. de concreto total = 1.67 m³	
CA50	171.2	Área de forma total = 9.74 m²	

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA50	3	8.0	64	162	10368
	4	10.0	224	114	25536
	8	10.0	224	94	21056
	9	10.0	112	572	64064
	10	10.0	128	417	53376
	7	10.0	144	499	71856
	13	12.5	160	286	45760
	14	12.5	80	216	17280
16	16.0	128	315	40320	

AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	8.0	103.7	40.9
	10.0	2358.9	1454.3
	12.5	630.4	607.3
	16.0	403.2	636.4
PESO TOTAL (kg)		Vol. de concreto total = 26.72 m³ Área de forma total = 155.84 m²	
CA50	2738.9		

BLOCO TIPO A (14x)				BLOCO TIPO B (86x)	
BLOCO TIPO C (20x)				BLOCO TIPO D (16x)	
ÇAÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA50	1	8.0	170	494	83980
	2	8.0	212	472	1076
	3	8.0	544	162	88128
	4	10.0	1664	114	189696
	5	10.0	1440	74	106560
	6	10.0	340	257	87380
	7	10.0	104	949	550896
	8	10.0	224	94	21856
	9	10.0	112	416	572
	10	10.0	128	417	53376
	11	10.0	430	492	211560
	12	10.0	688	377	259376
	13	12.5	160	286	45760
	14	12.5	80	216	17280
	15	12.5	80	256	22080
16	16.0	988	235	311220	

AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	8.0	2743.8	1082.7
	10.0	15439.7	9519.1
	12.5	2832	2728.2
	16.0	3112.2	4912.1
PESO TOTAL		Vol. de concreto total = 210.56 m³	
CA50	18242.1	Área de forma total = 1101.44 m²	