

The diagram is a detailed architectural floor plan of a house, labeled "PLANTA" at the top center. The overall width of the structure is 190 units, with a central rectangular area measuring 150 units wide. This central area is flanked by two side sections, each 20 units wide. The plan shows a central hall with two rooms on either side. At the bottom, there are two "BERÇO" (berth) areas, each with an arrow pointing upwards. To the right of the main structure, there are two vertical sections labeled "a" and "e", with a dashed line labeled "D" and an arrow labeled "A'" pointing to the right. The drawing uses solid lines for walls and dashed lines for internal partitions or structural elements. The style is technical and precise, typical of architectural drawings.

The drawing consists of two main parts: an elevation view at the top and a cross-section view at the bottom.

**Elevation View (Top):** A rectangular column with a total height of 190 and a width of  $b$ . It is divided into two horizontal sections: the top section is labeled  $N2$  and the bottom section is labeled  $N1$ .

**CORTE BB' (Bottom):** A cross-section of the column. It shows a central circular reinforcement with diameter  $D$ . The total width of the section is  $L$ , and the total height is  $H$ . The section is divided into three horizontal parts: a top layer of 15, a middle layer of height  $h$ , and a bottom layer labeled  $VAR$ . The width is divided into three parts: a central part of width  $D$  and two side parts, each of width  $a$ . The section is surrounded by a stippled area representing the concrete core.

**Legend:** Located at the bottom right, it defines the stippled area as **ENCHIMENTO** (Core) and specifies the concrete strength as **CONCRETO  $f_{ck} \geq 15MPa$** .

Ø	N1				N2			
	QUANT.	DIAM.	COMP.	ESPAÇ.	QUANT.	DIAM.	COMP.	ESPAÇ.
40	11	6,3	95	20	8	4,0	185	15
60	11	6,3	95	20	8	4,0	185	15
80	11	6,3	125	20	14	4,0	185	10
100	14	6,3	145	15	16	4,0	185	10
120	17	6,3	165	12,5	10	6,3	185	20
150	17	6,3	195	12,5	17	6,3	185	12,5

CÓDIGO	DIMENSÕES						QUANTIDADES		
	D	L	a	b	h	H	FORMAS (m <sup>2</sup> )	AÇO (kg)	CONCRETO (m <sup>3</sup> )
CAIXAS SEM DISPOSITIVO INTERNO DE QUEDA									
CLP01	40	60	20	100	80	80	11,93	4,1	1,410
CLP02	60	60	20	100	80	80	11,93	4,1	1,350
CLP03	80	80	25	130	100	100	15,71	6,0	1,940
CLP04	100	100	25	150	130	130	20,57	8,0	2.440
CLP05	120	120	25	170	150	150	24,65	11,6	2,820
CLP06	150	150	25	200	180	180	32,70	16,2	3,410
CAIXAS COM DISPOSITIVO INTERNO DE QUEDA DE 50cm									
CLP07	40	60	20	100	80	130	14,43	4,1	1,680
CLP08	60	60	20	100	80	130	14,43	4,1	1,610
CLP09	80	80	25	130	100	150	18,46	6,0	2,270
CLP10	100	100	25	150	130	180	23,52	8,0	2,790
CLP11	120	120	25	170	150	200	27,80	11,6	3,200
CLP12	150	150	25	200	180	230	34,82	16,2	3,820
CAIXAS COM DISPOSITIVO INTERNO DE QUEDA DE 100cm									
CLP13	40	60	20	100	80	180	16,93	4,1	1,960
CLP14	60	60	20	100	80	180	16,93	4,1	1,900
CLP15	80	80	25	130	100	200	21,21	6,0	2,630
CLP16	100	100	25	150	130	230	26,47	8,0	3,190
CLP17	120	120	25	170	150	250	30,95	11,6	3,620
CLP18	150	150	25	200	180	280	38,27	16,2	4,290



PROJETO DE DETALHAMENTO		OBRA R. HILDEBRANDO J. SILVA	
REFERÊNCIA DETALHAMENTO CAIXA DE LIGAÇÃO		DATA MAIO/2018	ESCALA INDICADA
LOCALIZAÇÃO RUA HILDEBRANDO J. SILVA – PRAIA BRAVA – ITAJAÍ		DESENHO SMO	FOLHA 03/05
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