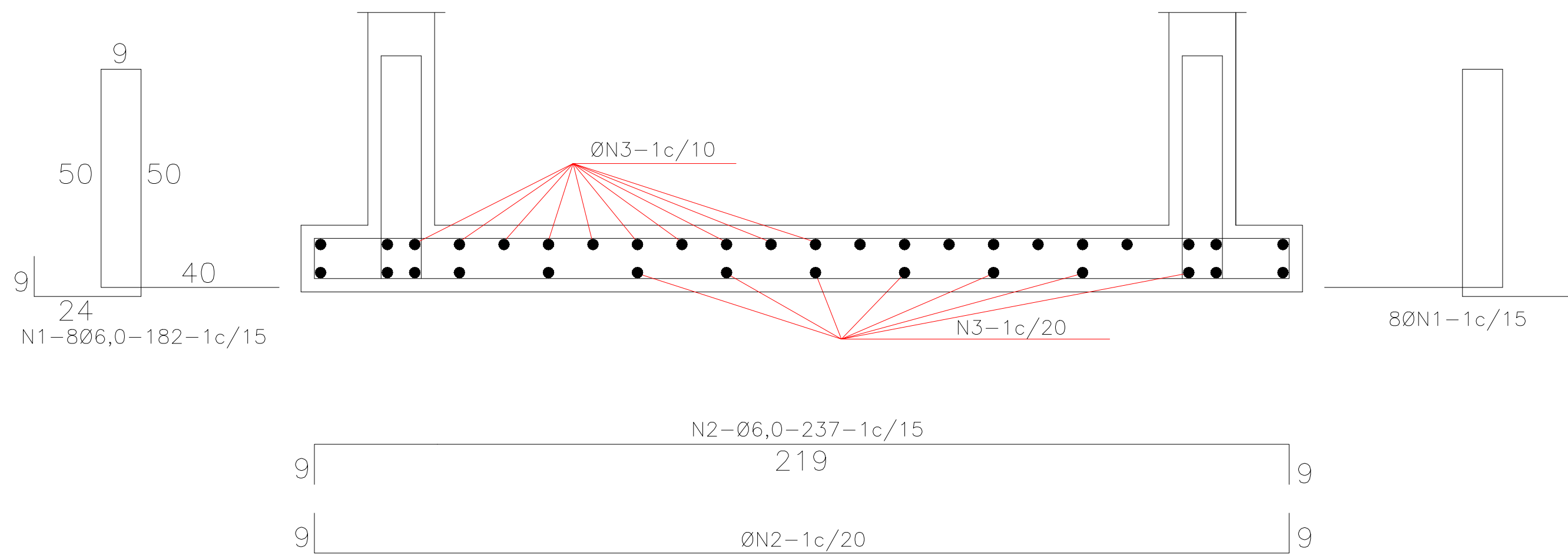
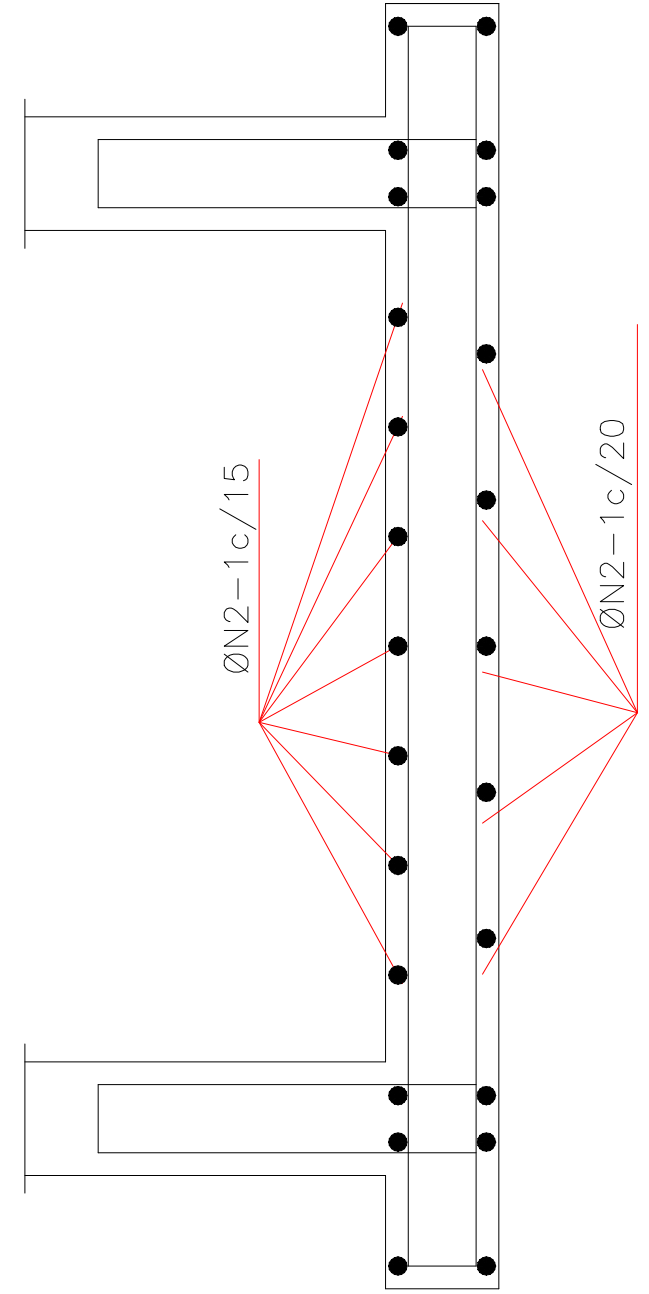
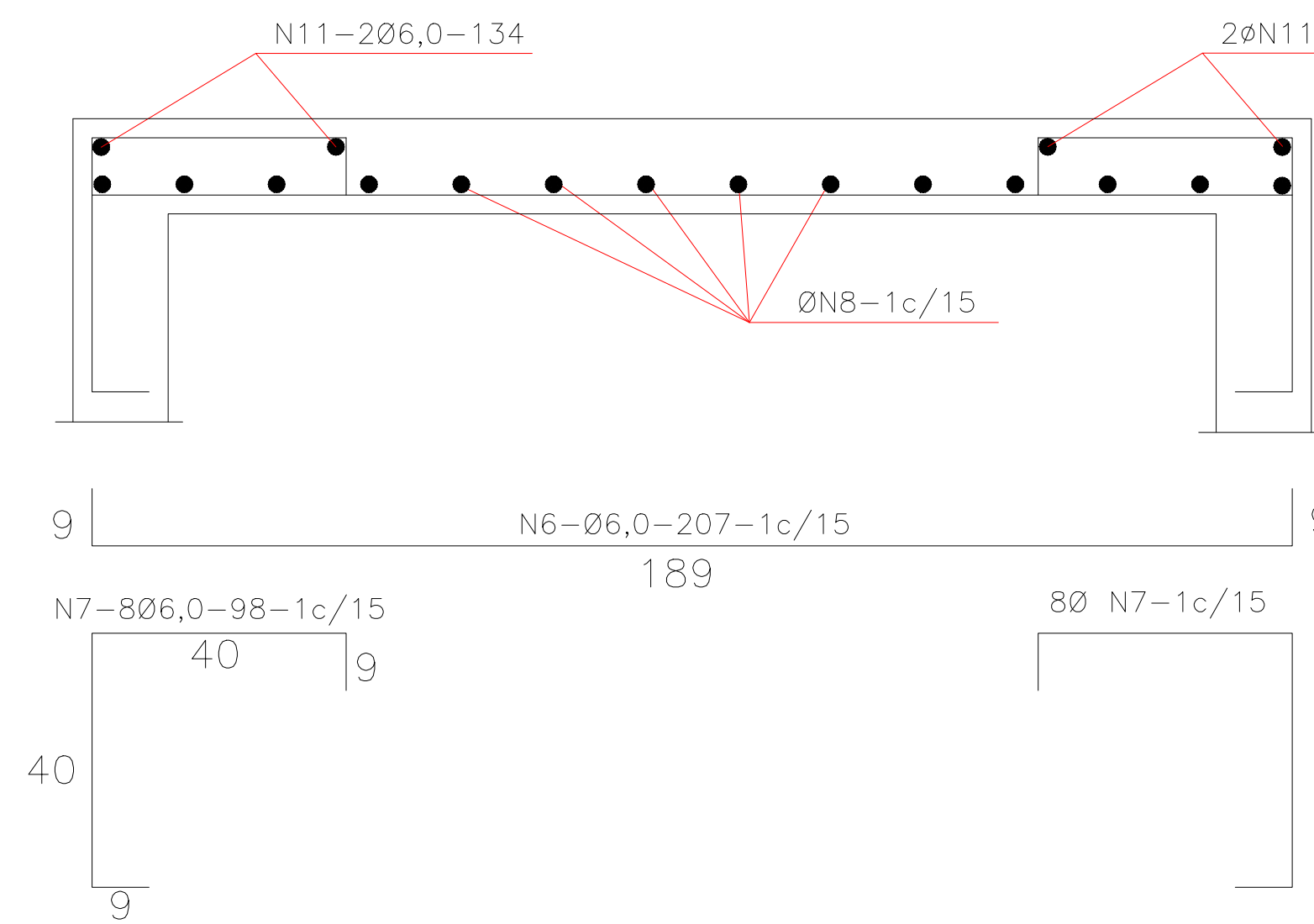
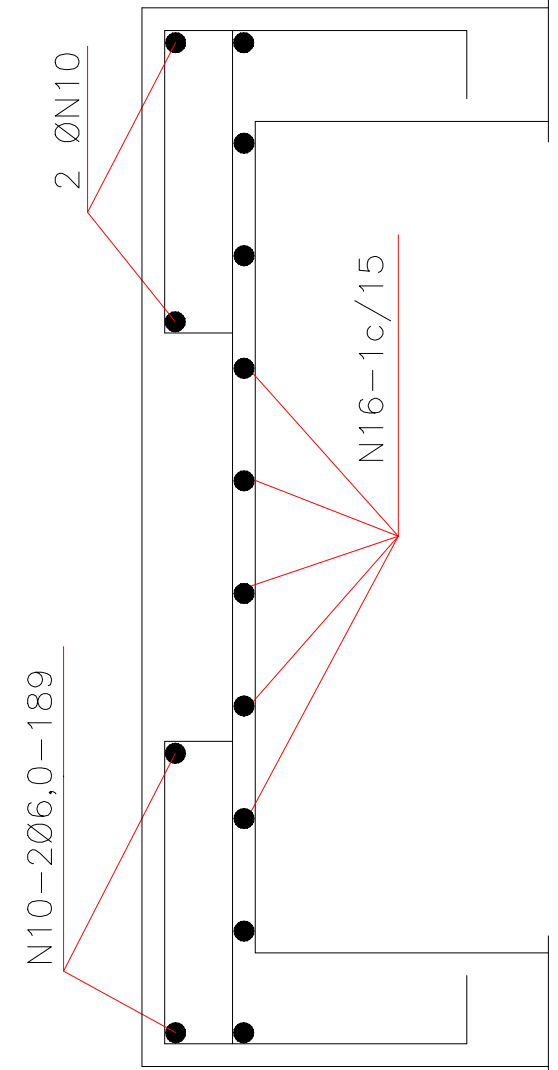


Diagram illustrating the reinforcement details for a rectangular slab. The slab is defined by a rectangular boundary. The reinforcement details are as follows:

- Top reinforcement: $11\phi N2-1c/20$
- Bottom reinforcement: $13\phi N2-1c/15$
- Left side reinforcement: $14\phi N3-1c/20$
- Right side reinforcement: $22\phi N3-1c/10$



Technical drawing of a circular structure, likely a pipe or duct, showing dimensions and labels. The drawing includes a central circle with a diameter of 200N5. The circle is surrounded by a square frame with dimensions 100N6-1c/15 and 14 ØN8-1c/15. The square frame is further defined by dimensions 2 ØN4 and 134. The circle is also labeled with 200N5 and 75. The drawing is oriented vertically, with the circle's center aligned with the vertical axis.



N	Ø (mm)	Q	COMPRIMENTOS UNITÁRIO
1	6,0	50	182
2	6,0	24	237
3	6,0	36	182
4	9.52	4	189
5	6,0	8	75
6	6,0	10	207
7	6,0	40	98
8	6,0	14	152
9	9.52	2	134
10	6,0	4	189
11	6,0	4	134
12	9.52	32	180

N	$\langle \sigma \rangle$	COMPR. UNITARIO	H= 220	H= 320	H= 420	H= 520	H= 620
			Q	Q	Q	Q	Q
13	6,0	189	14	24	34	44	54
14	6,0	189	14	24	34	46	62
15	6,0	134	28	48	68	88	108
16	6,0	VAR.	68	68	68	68	68
17	8,0	108	28	48	72	100	136

ϕ (mm)	H= 220		H= 320		H= 420		H= 520		H= 620	
	C.TOTAL	PEŠOS	C.TOTAL	PEŠOS	C.TOTAL	PEŠOS	C.TOTAL	PEŠOS	C.TOTAL	PEŠOS
6,0	459,08	102	572,78	128	686,48	153	800,18	178	913,88	203
8,0	56,70	23	97,20	39	142,02	56	194,94	77	264,06	104
9,52	67,84	39	67,84	39	67,84	39	67,84	39	67,84	39
PEŠO TOTAL	164	kg	206	kg	248	kg	294	kg	346	kg

EXECUTANTE

 AGRITEC S/A.
Agrimensura Aerofotogrametria

CIDADE ASSIS CHATEAUBRIAND

DESCRIÇÃO	POÇO DE QUEDA SIMPLES 1.65x1.10 (ø=1.20)
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PROJETO

DISPOSITIVO DE GALERIAS DE ÁGUAS PLUVIAIS

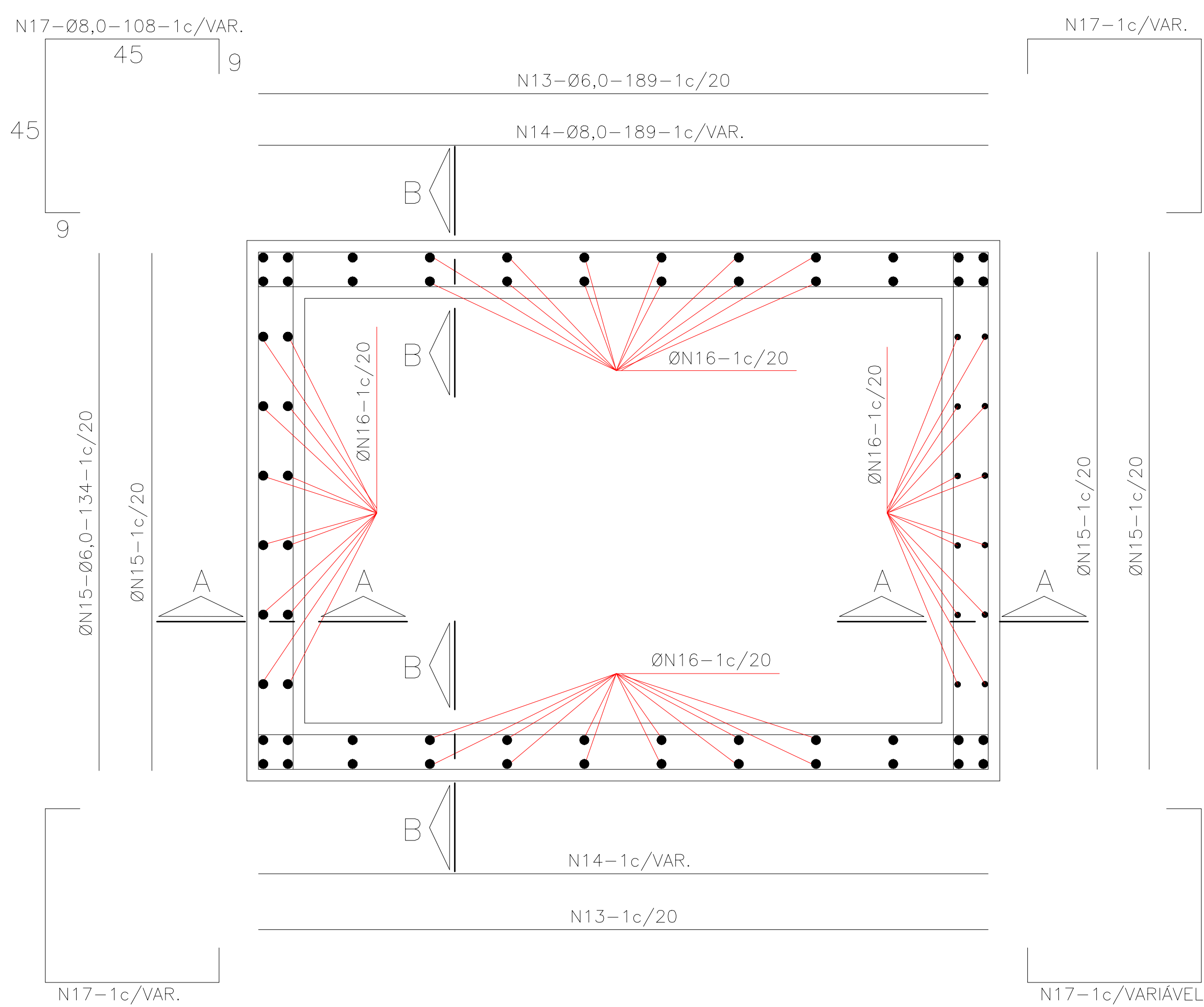
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SUDERHSA
SUPERINTENDÊNCIA DE DESENVOLVIMENTO DE
RECURSOS HÍDRICOS E SANEAMENTO AMBIENTAL

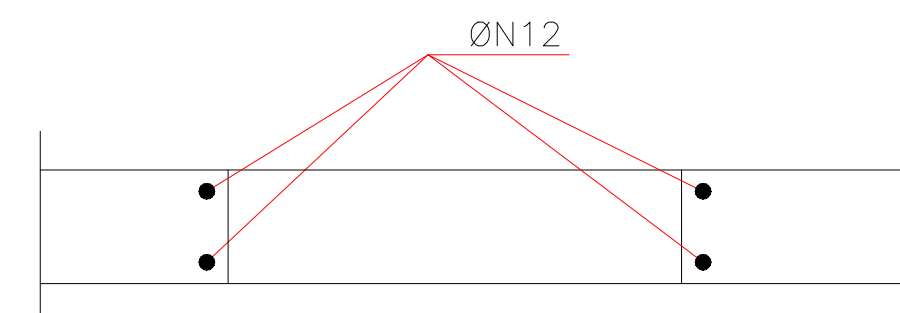
ARMADURA

PRINCHA

D-04/14



Technical drawing of a circular hole in a plate. The hole has a diameter of $\varnothing 12$. The distance from the center of the hole to the top and bottom edges of the plate is $N12 - 2 \times 09,52 - 180$. The distance from the center of the hole to the left and right edges of the plate is $2 \times \varnothing 12$.



H	N17	N14
220	1c/20	1c/20
320	1c/20	1c/20
420	1c/18	1c/20
520	1c/15	1c/17
620	1c/12	1c/14

FAIXA CONSIDERADA