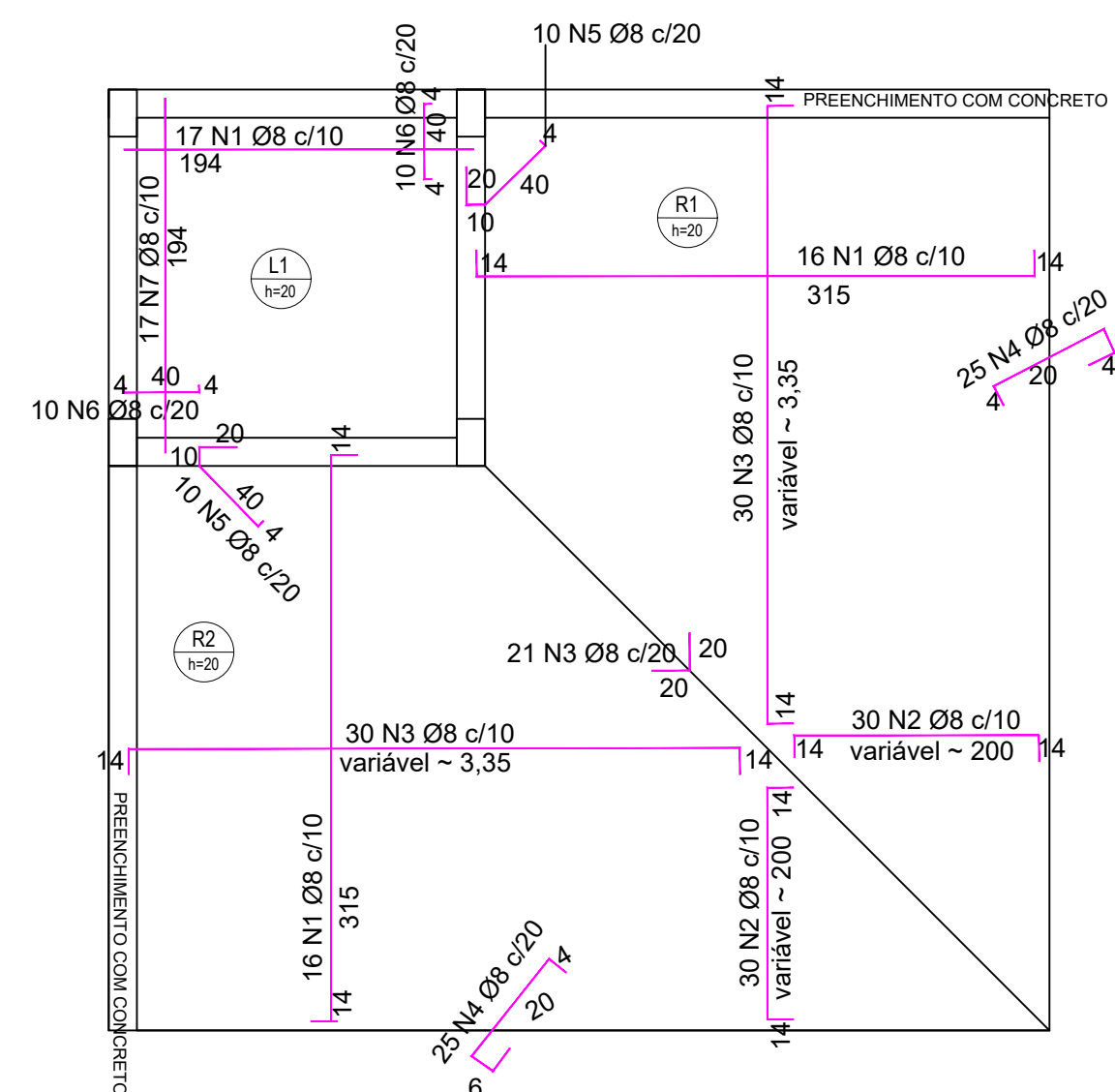
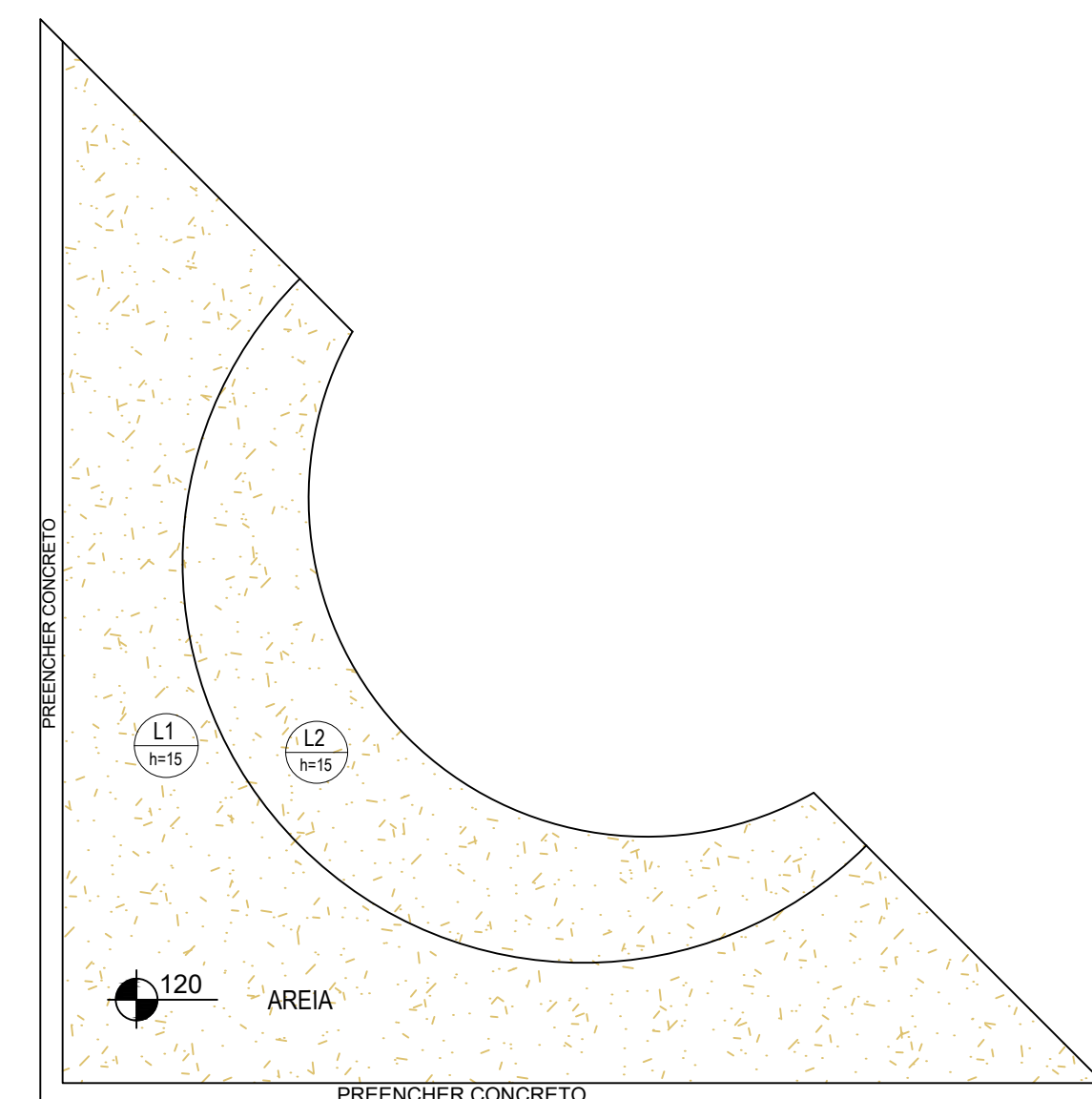


Figure 1: Schematic diagram of the experimental setup. The diagram shows a rectangular area with dimensions 500 (width) and 500 (height). A central square area of 200x200 is defined by points P1, P2, P3, and P4. A dashed line connects P2 to the bottom-right corner. Two circular regions, R1 and R2, are shown with radius $h=20$. R1 is located at (300, 200) and R2 is at (100, 100). Arrows labeled "DESCENTE" indicate downward movement from R1 and R2.

Technical drawing of a roof plan. The drawing shows a rectangular structure with dimensions and annotations. The overall width is 595 and the overall height is 16. The structure is composed of three main sections: a top section labeled "3 N15 ø8.0 C=624", a middle section labeled "15 x 30", and a bottom section labeled "36 N3 c/16". The middle section has a width of 170.00 and a height of 15.00. The bottom section has a width of 170.00. The drawing includes a 90-degree angle symbol at the top left corner and a section line labeled "A" at the top right corner. The drawing is bounded by a pink line on the top and bottom edges, and a pink line on the left and right edges. The drawing is labeled "P1" at the top left and "P2" at the top right.



RESUMO DE AÇO POR ELEMENTO					
BARRA	QTD	Ø	COMP. UNIT.	PESO UNIT.(Kg)	PESO TOTAL(Kg)
N1	32	8	343	0,395	43,35
N2	60	8	228	0,395	54,05
N3	60	8	363	0,395	86,03
N4	50	8	34	0,395	6,75
N5	20	8	74	0,395	5,85
N6	20	8	48	0,395	0,75
N7	34	8	194	0,395	26,05
				TOTAL =	222,83



RESUMO DE AÇO POR ELEMENTO					
BARRA	QTD	Ø	COMP. UNIT.	PESO UNIT.(Kg)	PESO TOTAL(Kg)
N1	40	6,3	229	0,245	22,45
N2	15	6,3	715	0,245	26,30
N3	12	6,3	650	0,245	19,10
N4	80	6,3	150	0,245	29,40
N5	50	6,3	100	0,245	12,25
N6	20	6,3	46	0,245	2,25
				TOTAL =	111,75