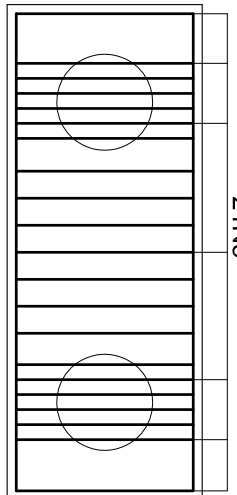
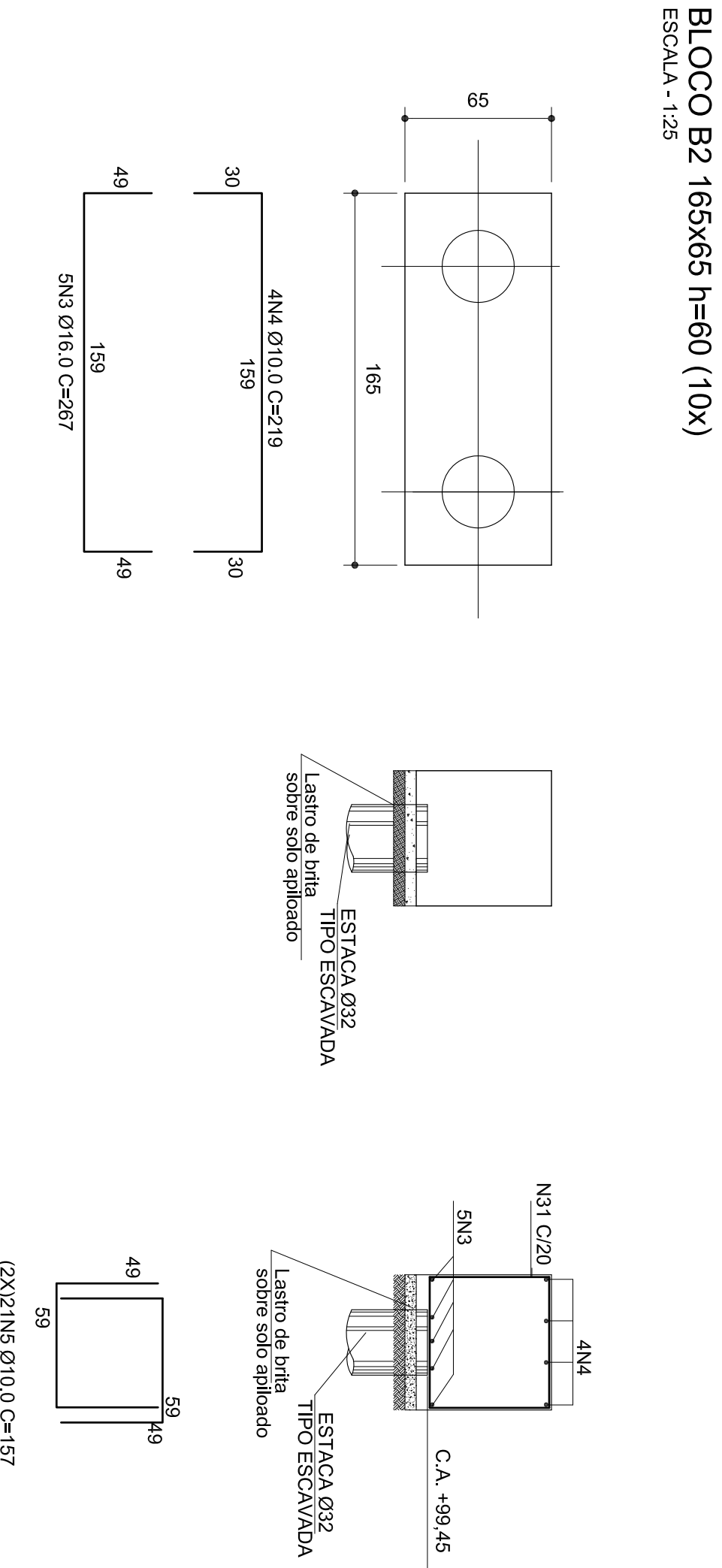
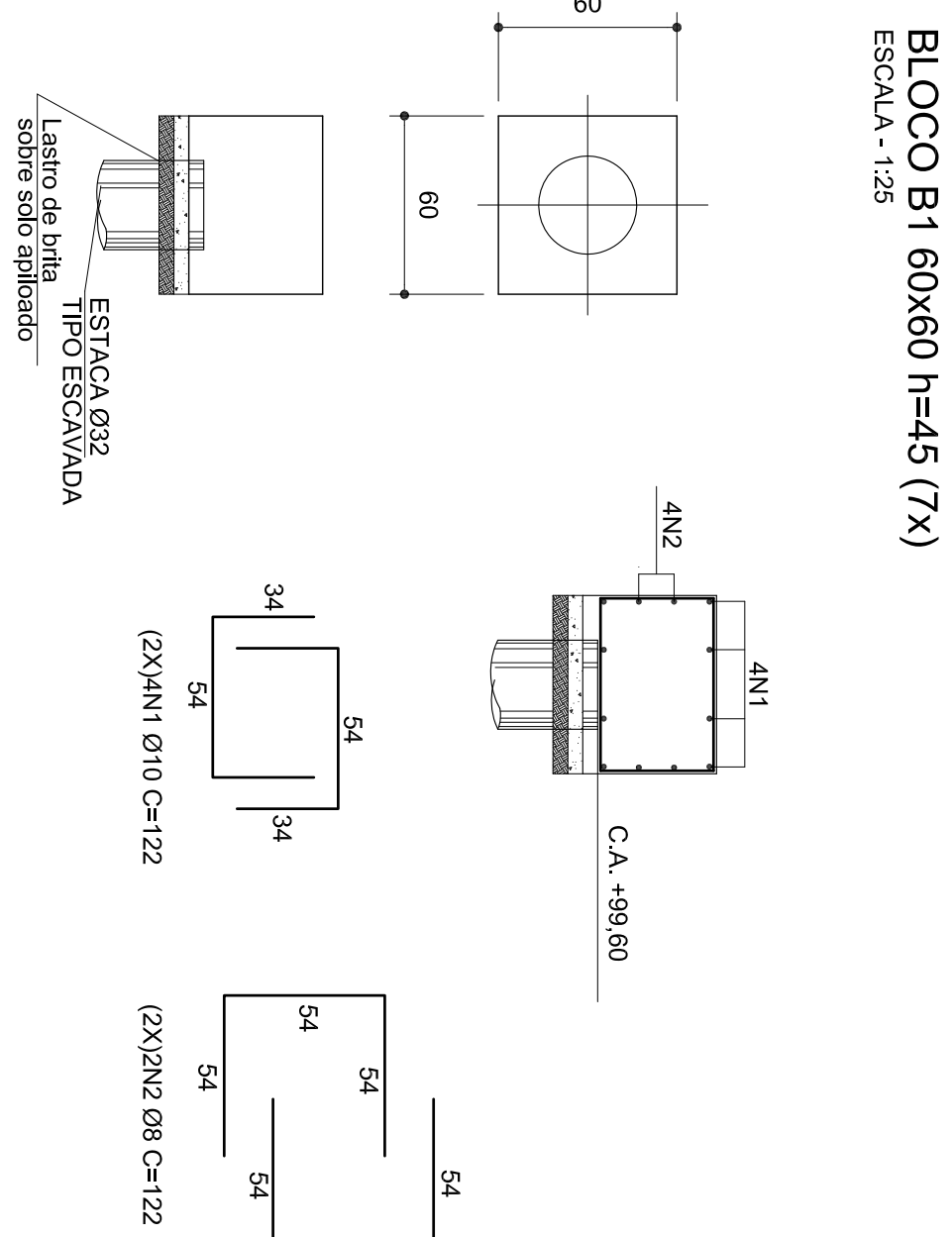
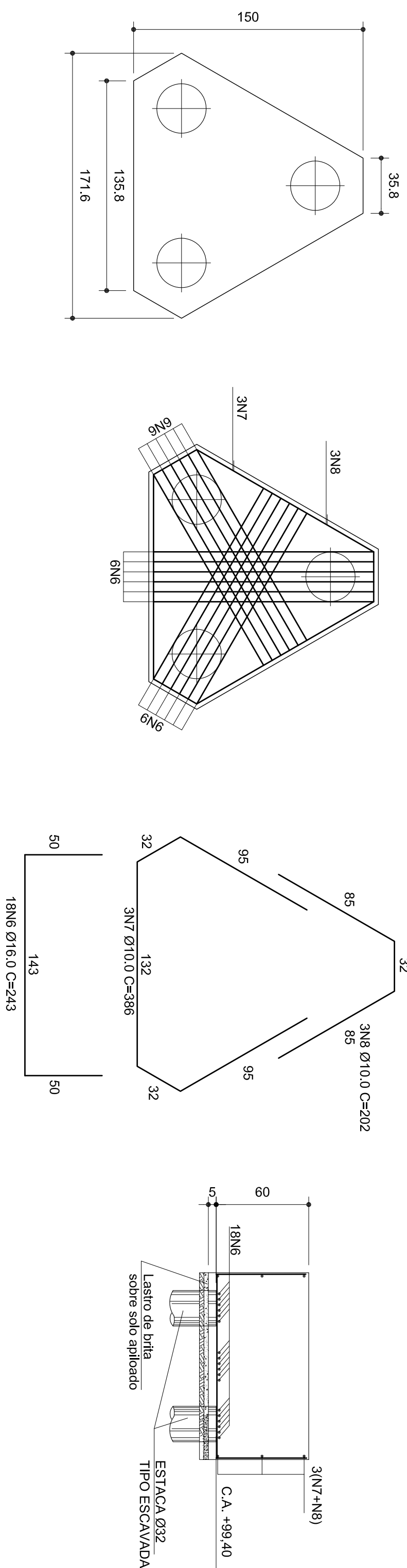


LISTA DE BARRAS			COMPONENTES	
T	Ø	Q	UNIT (m)	TOTAL (m)
1	10	56	122	68.32
2	8	28	122	34.16
3	16	50	207	133.50
4	10	40	219	87.80
5	10	420	157	659.80
6	16	198	243	48.14
7	10	33	386	572.38
8	10	55	272	66.66
9	16	153	272	424.32
10	8	48	332	156.36
11	16	78	315	245.70
12	8	24	375	90.00
13	10	297	300	891.00
14	6.3	300	115	1158.50

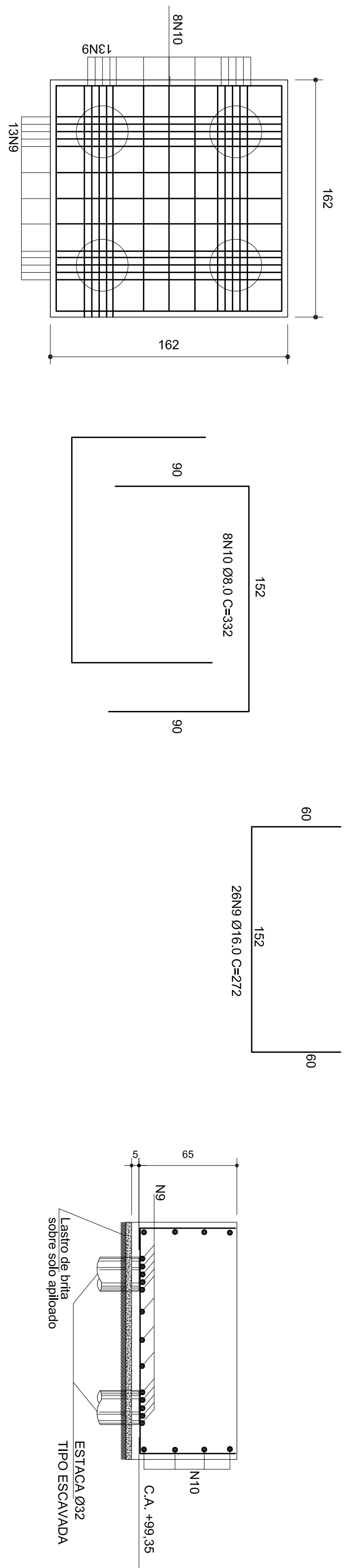
RESUMO AÇO CA-50		
Ø	COMPIMENTO (m)	PESO (kg)
6,3	1138,60	285
8	2861,52	113
10	1900,36	1197
16	1284,66	2065
TOTAL		3650



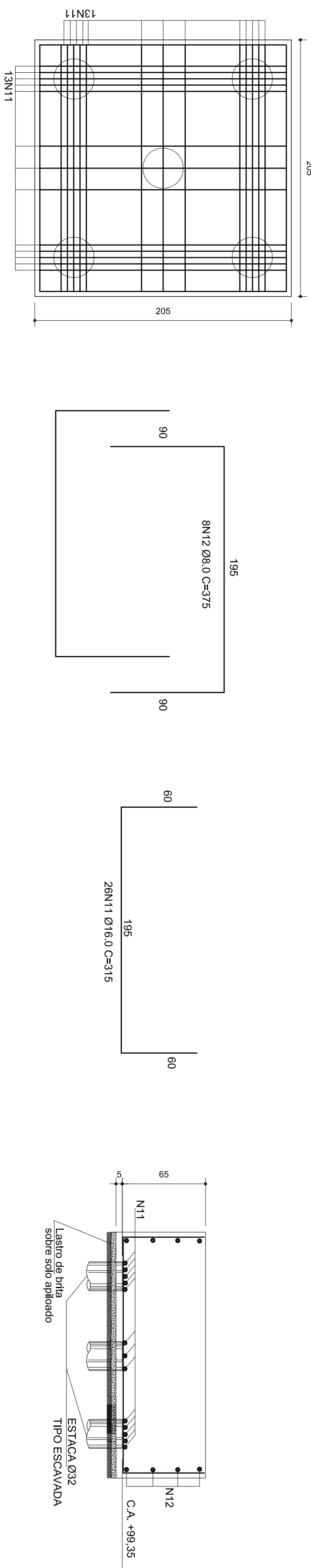
BLOCO B3 150x172 h=65 (11x)  
ESCALA - 1:25



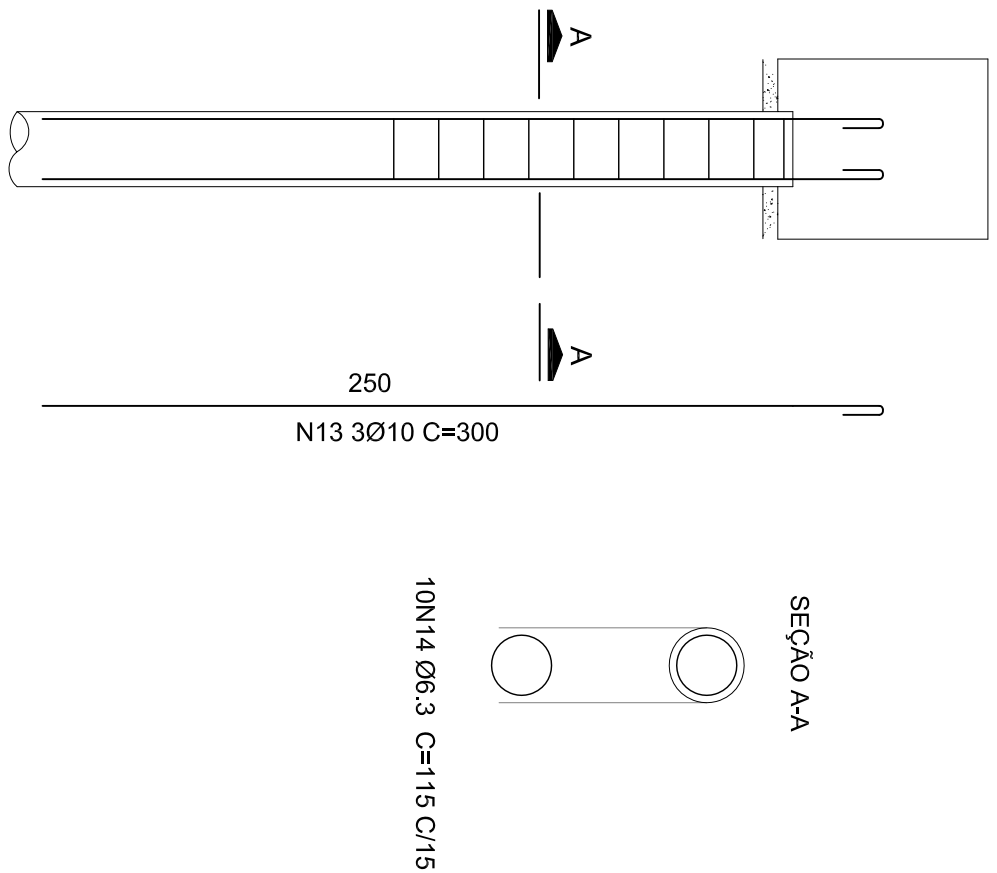
**BLOCO B4 160x160 h=70 (6x)**  
ESCALA - 1:25



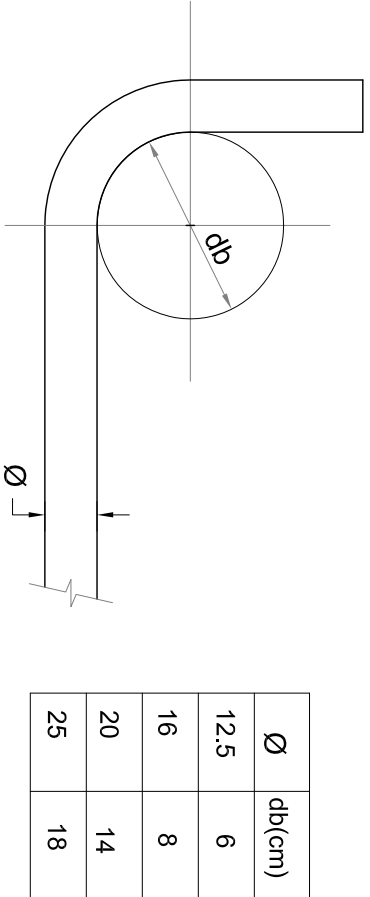
BLOCO B5 205x205 h=70 (3x)  
ESCALA - 1:25



## ARMAÇÃO DAS ESTACAS (99X)



### DETALHE DE DOBRAMENTO



Ø	di(cm)
12.5	6
16	8
20	14
25	18

[illegible][illegible][illegible]

ID	TÍTULO	STATUS
0006	CAMPUS CETEROS EM GRAVÍNICOS	ETEC GRAVINHOS
LOCAL VARIANDO		
RODAVELA CONCEIÇÃO GOMES SIMÕES, S/N - GRAMINISSP		
ESTRUTURAL	EZUA	INDICADA
		TERMINO
		EST-0050/11