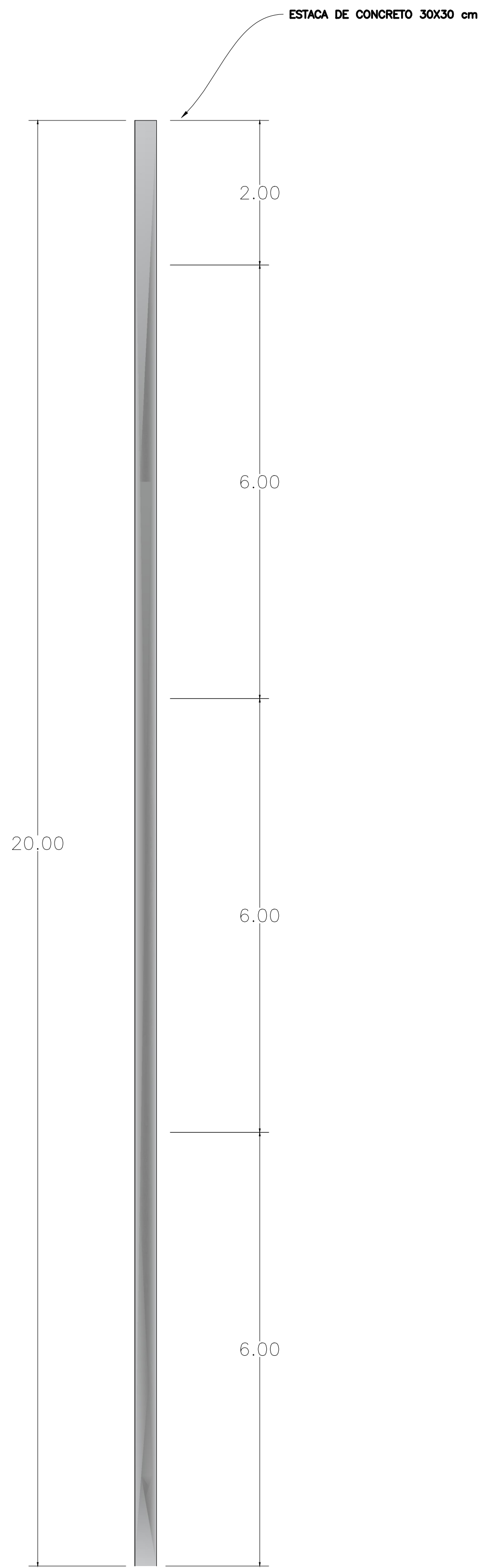
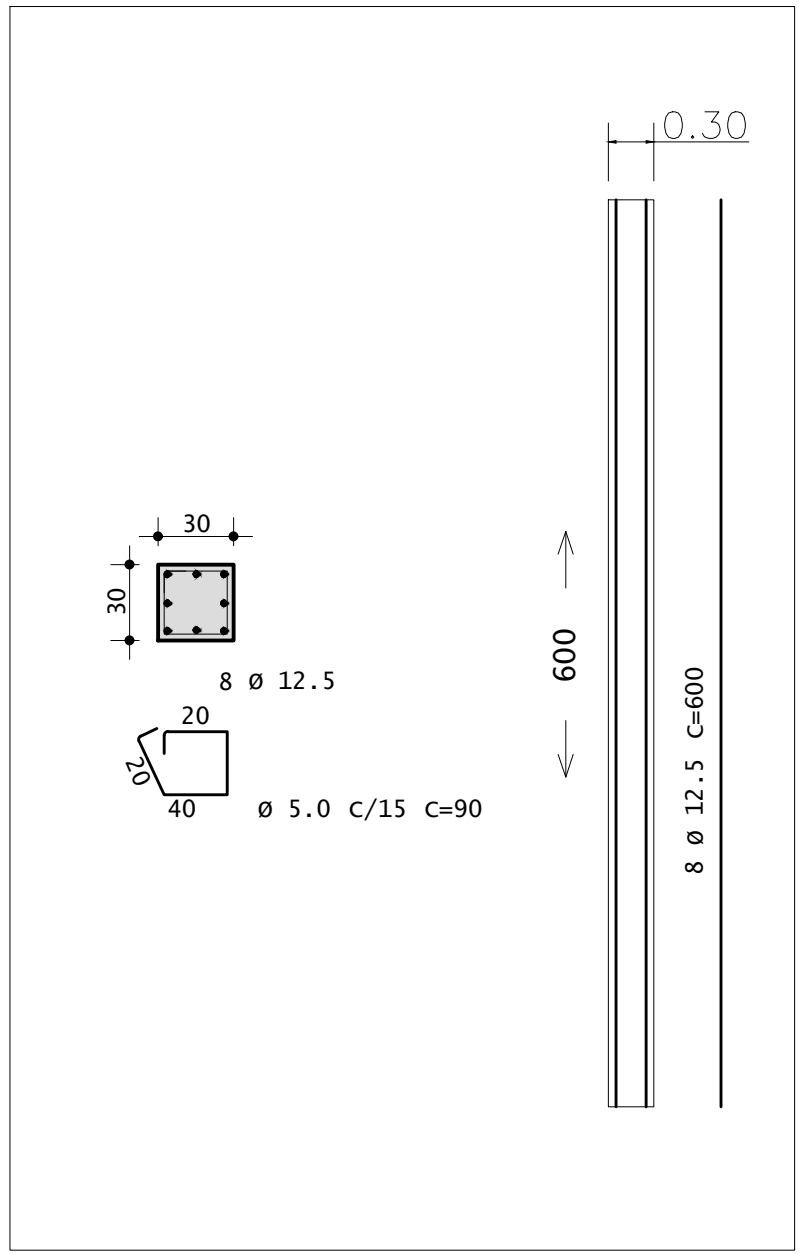


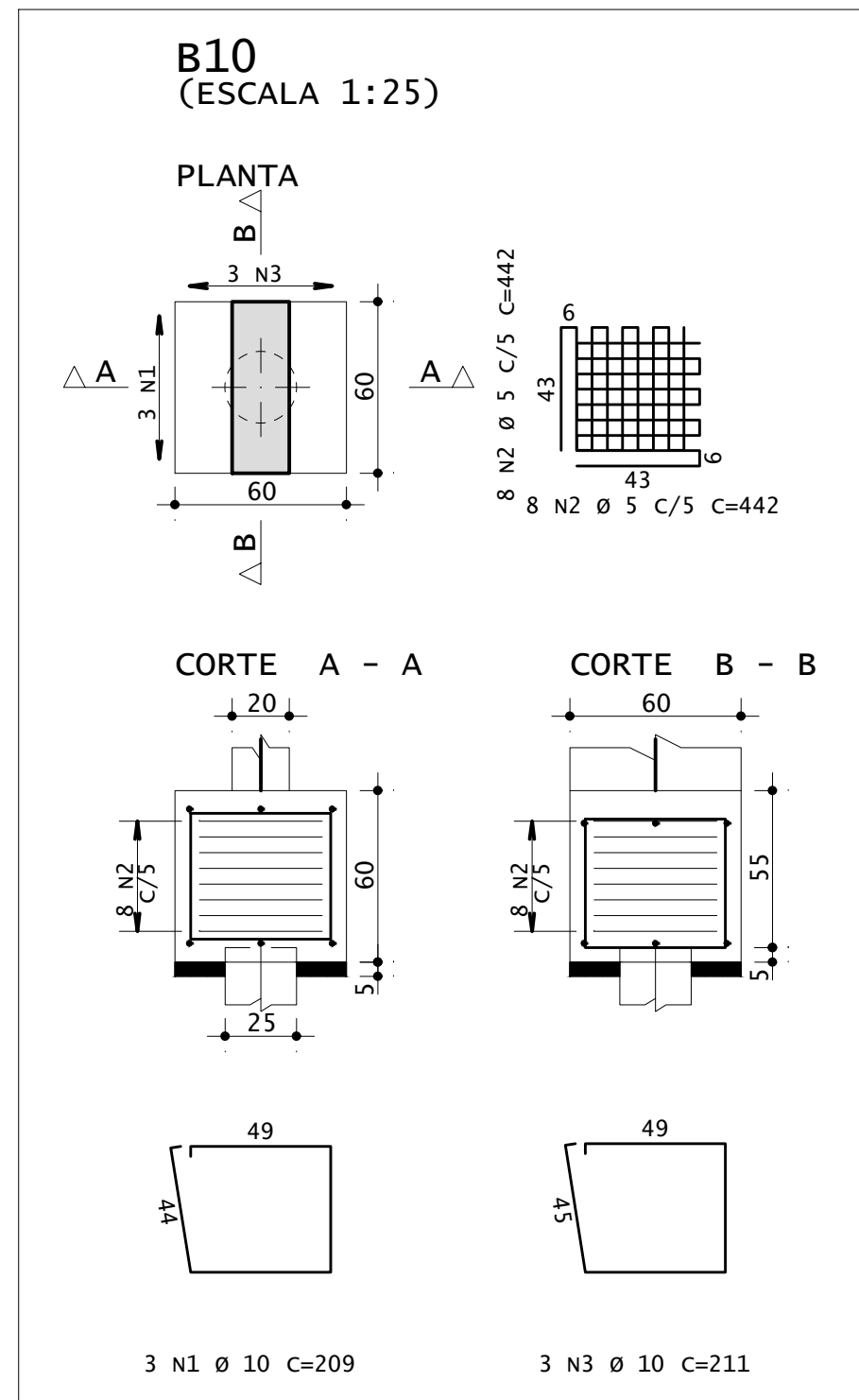
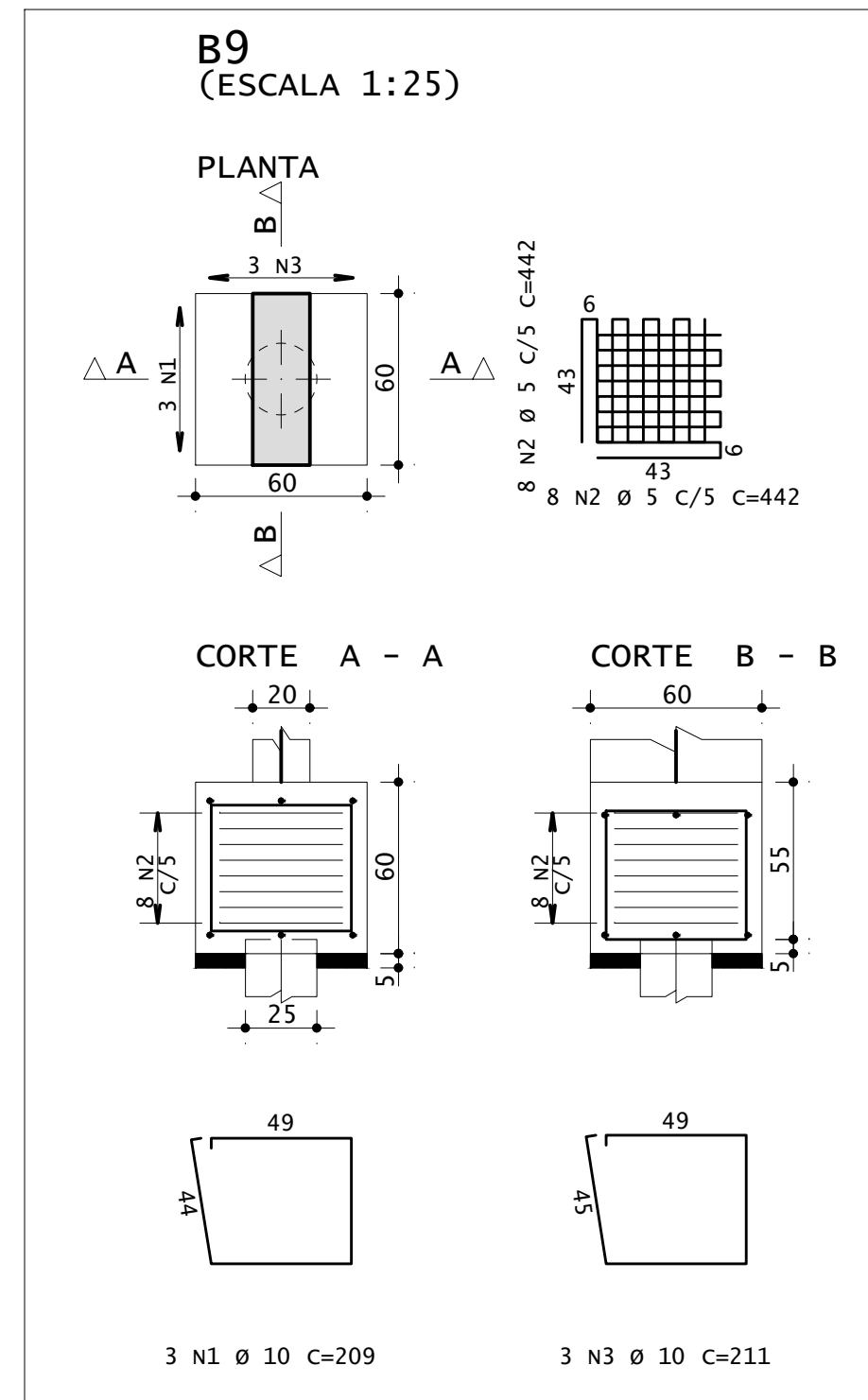
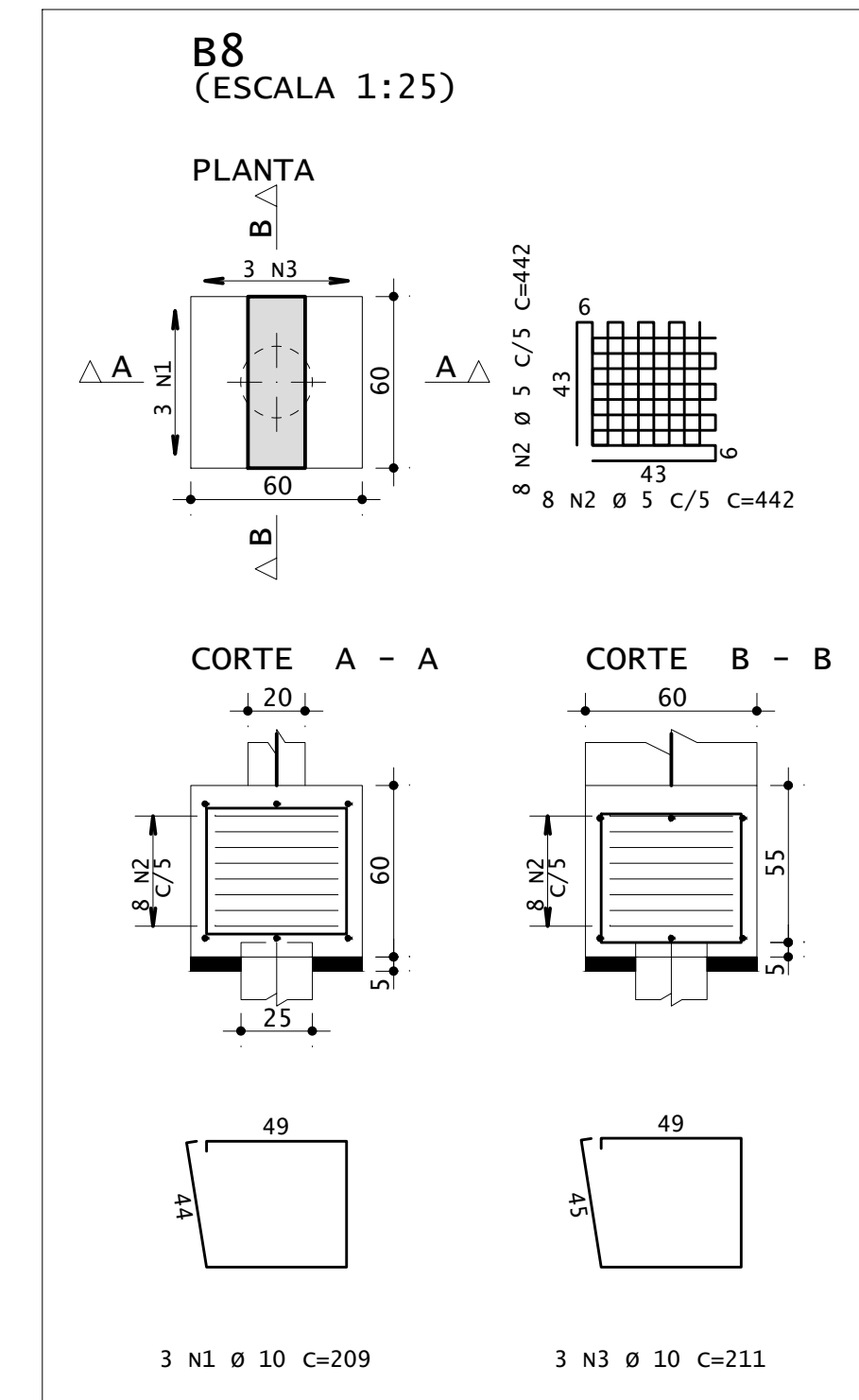
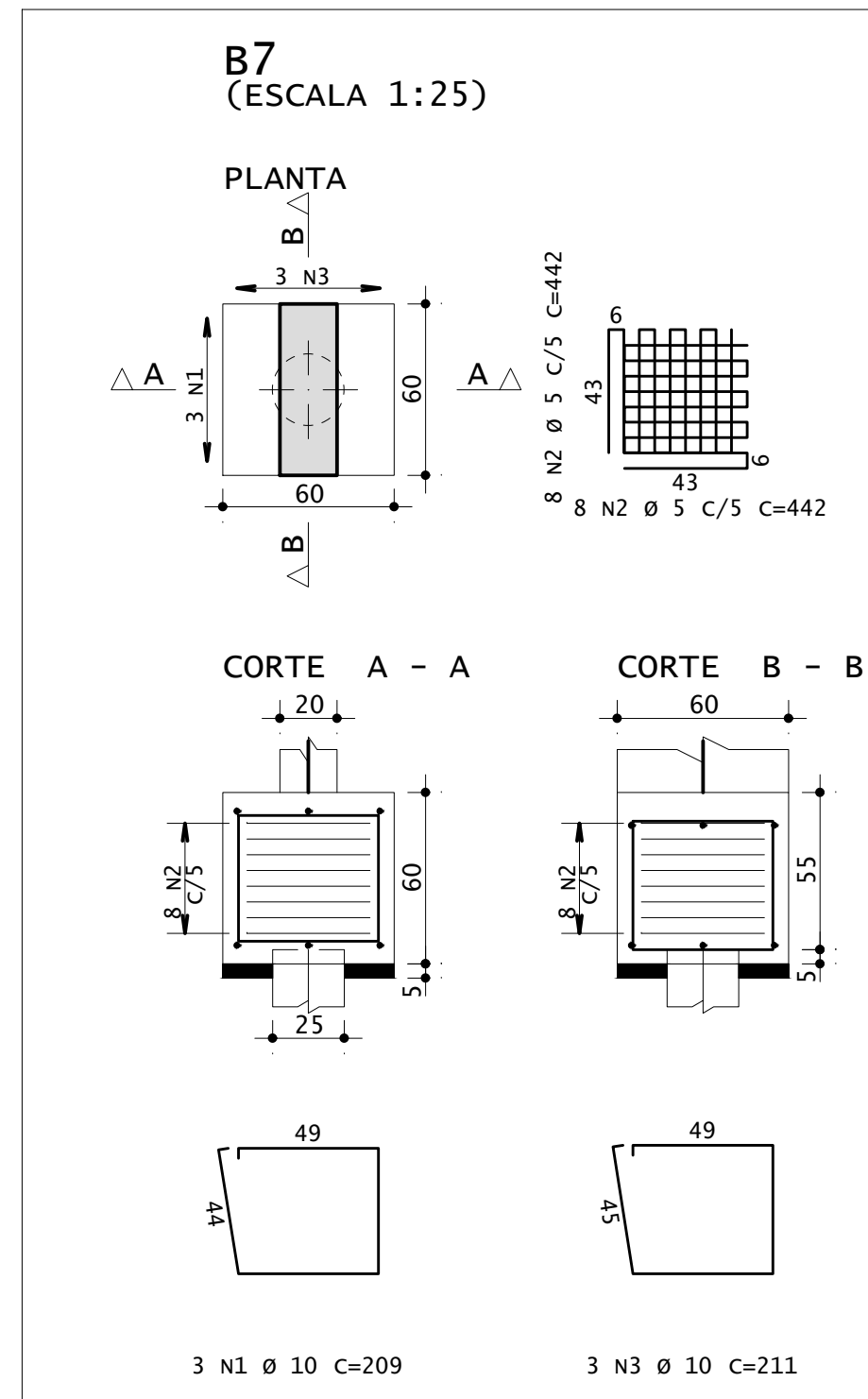
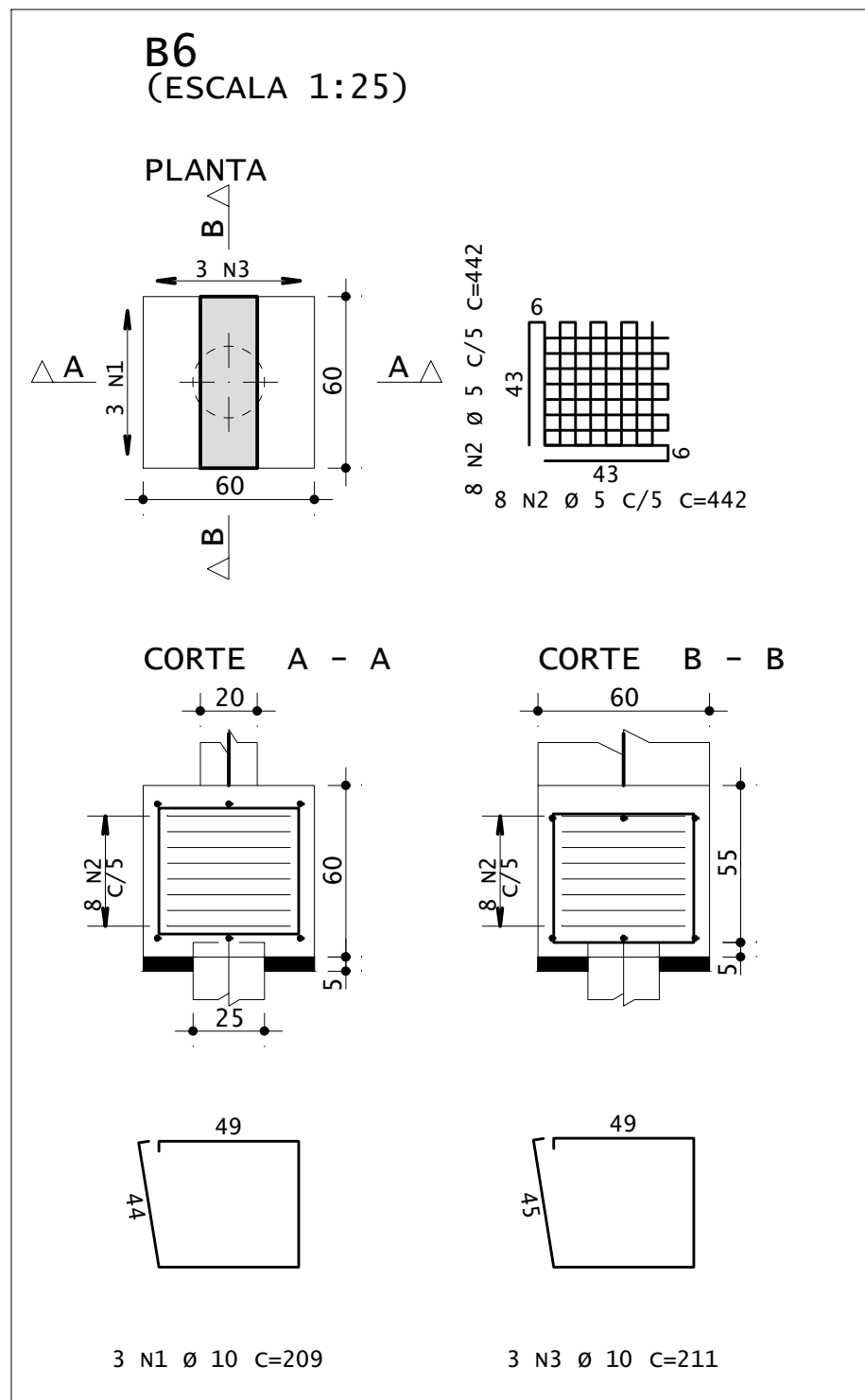
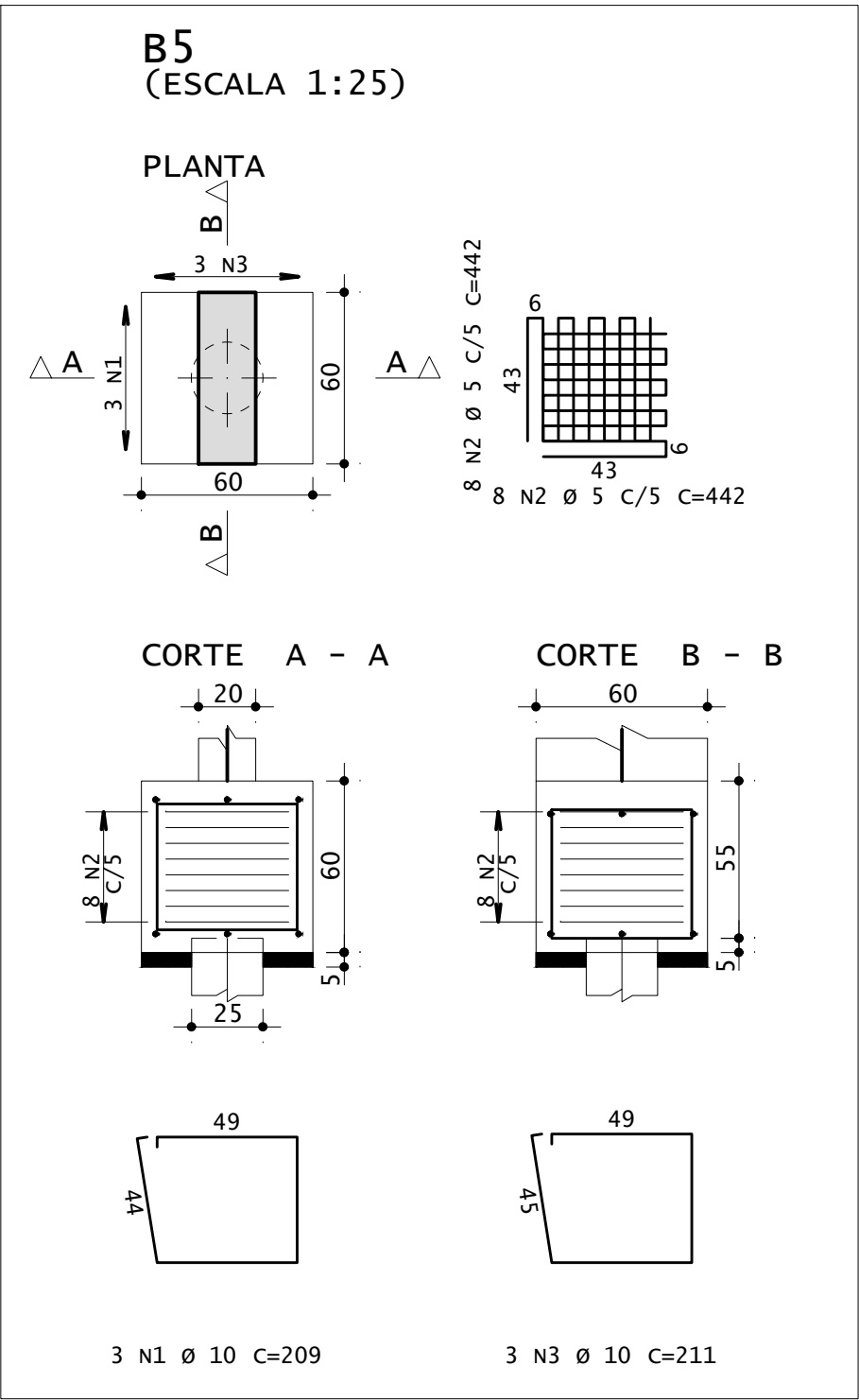
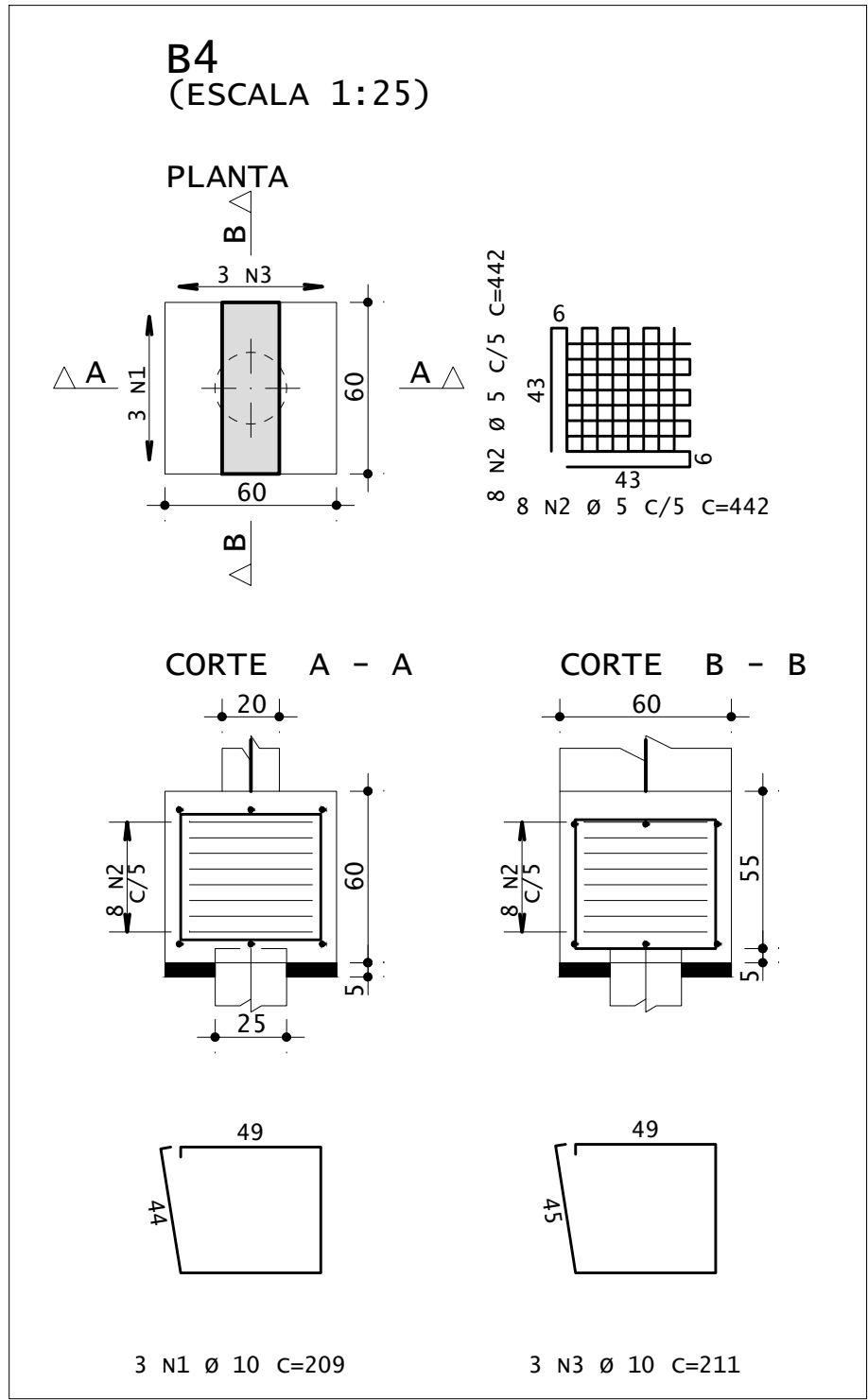
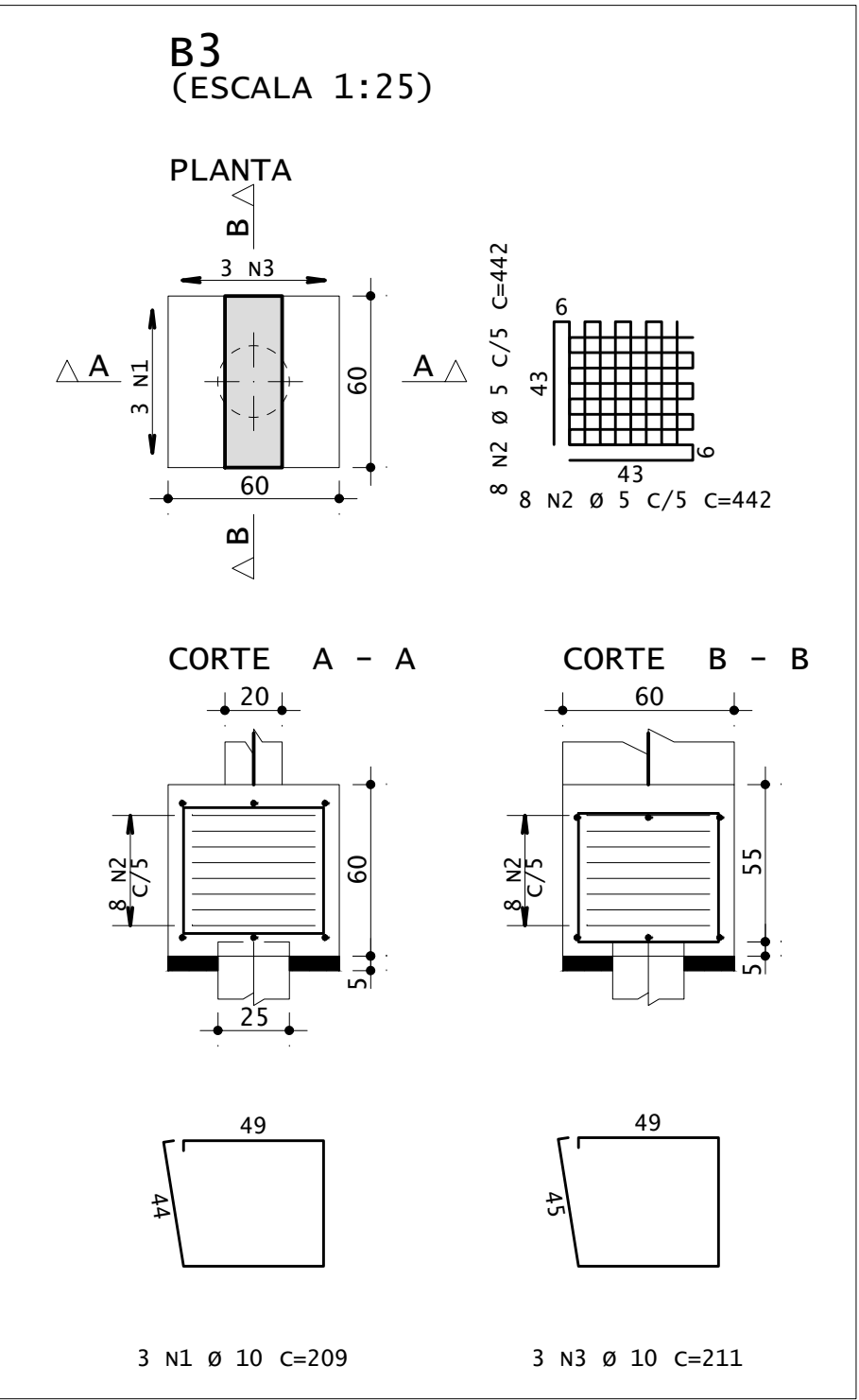
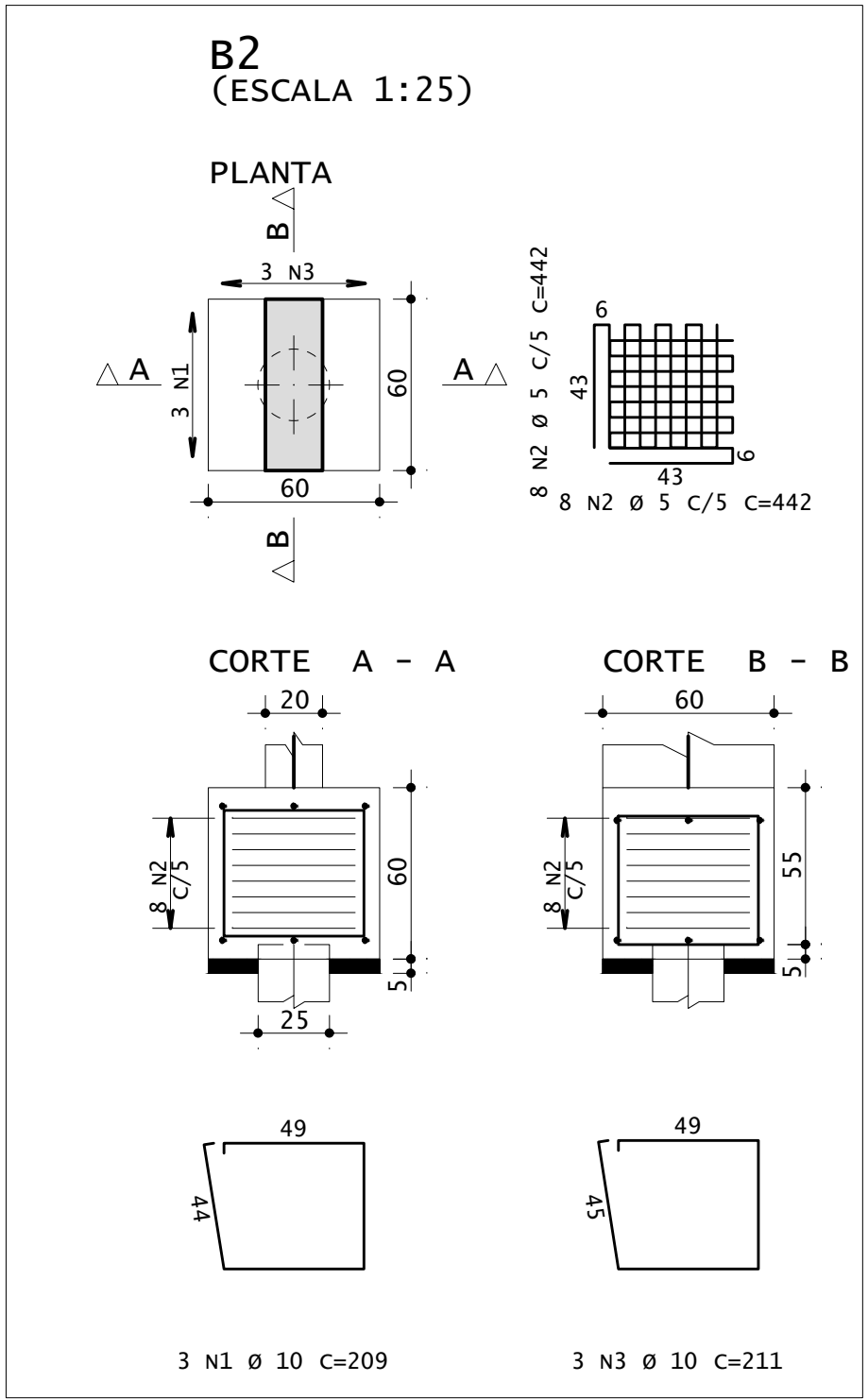
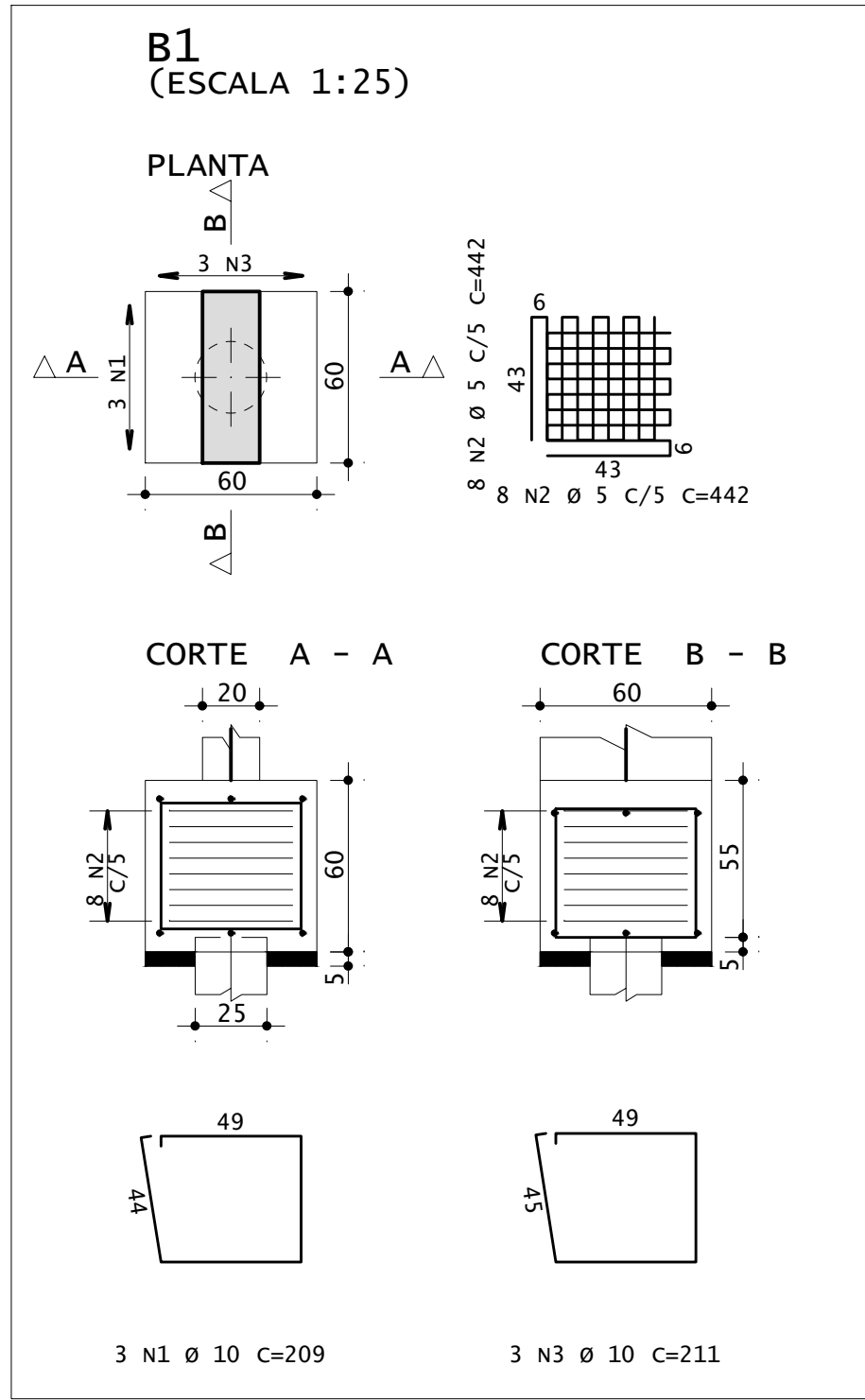
DETALHE ESTACA DE CONCRETO
ESC: 1/50



ESTACA
(ESCALA 1:50)



ARMADURA ESTACAS DE CONCRETO
ESC: 1/50



	AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	TOTAL (cm)
B1	50A	1	10	3	209	627
	60A	2	5	16	442	7072
	50A	3	10	3	211	633
B2	50A	1	10	3	209	627
	60A	2	5	16	442	7072
	50A	3	10	3	211	633
B3	50A	1	10	3	209	627
	60A	2	5	16	442	7072
	50A	3	10	3	211	633
B4	50A	1	10	3	209	627
	60A	2	5	16	442	7072
	50A	3	10	3	211	633
B5	50A	1	10	3	209	627
	60A	2	5	16	442	7072
	50A	3	10	3	211	633
B6	50A	1	10	3	209	627
	60A	2	5	16	442	7072
	50A	3	10	3	211	633
B7	50A	1	10	3	209	627
	60A	2	5	16	442	7072
	50A	3	10	3	211	633
B8	50A	1	10	3	209	627
	60A	2	5	16	442	7072
	50A	3	10	3	211	633
B9	50A	1	10	3	209	627
	60A	2	5	16	442	7072
	50A	3	10	3	211	633
B10	50A	1	10	3	209	627
	60A	2	5	16	442	7072
	50A	3	10	3	211	633

RESUMO AÇO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60A	5	707	109
50A	10	126	78
Peso Total		60A =	109 kg
		50A =	78 kg

RESUMO ESTACAS DE CONCRETO		
TERMINAL	QUANT.	COMP. (m)
	10	200

LEGENDA	
PF=PILAR DE FUNDAÇÃO	
OBS: Pilar existente morre no térreo	

CLIENTE	
COMPANHIA DE PORTOS E HIDROVIAS - CPH	
OBRA	
TERMINAL HIDROVIÁRIO DE AFUÁ	
RESP. TÉCNICO	
ENGº CLEMENTINO FILHO - CREA 5571-D/PA	
ENGº CLEMENTINO NETTO - CREA 1515122280	
TÍTULO	
Detalhamento blocos s/ estaca	
B1 / B2 / B3 / B4 / B5 B6 / B7 / B8 / B9 / B10	
DATA: 19/06/2020	
TABELA: Indí cada	
DESENHO: AFUA-FUN-BLO-003-R00	
CONCEITO: ECT=40MPa	