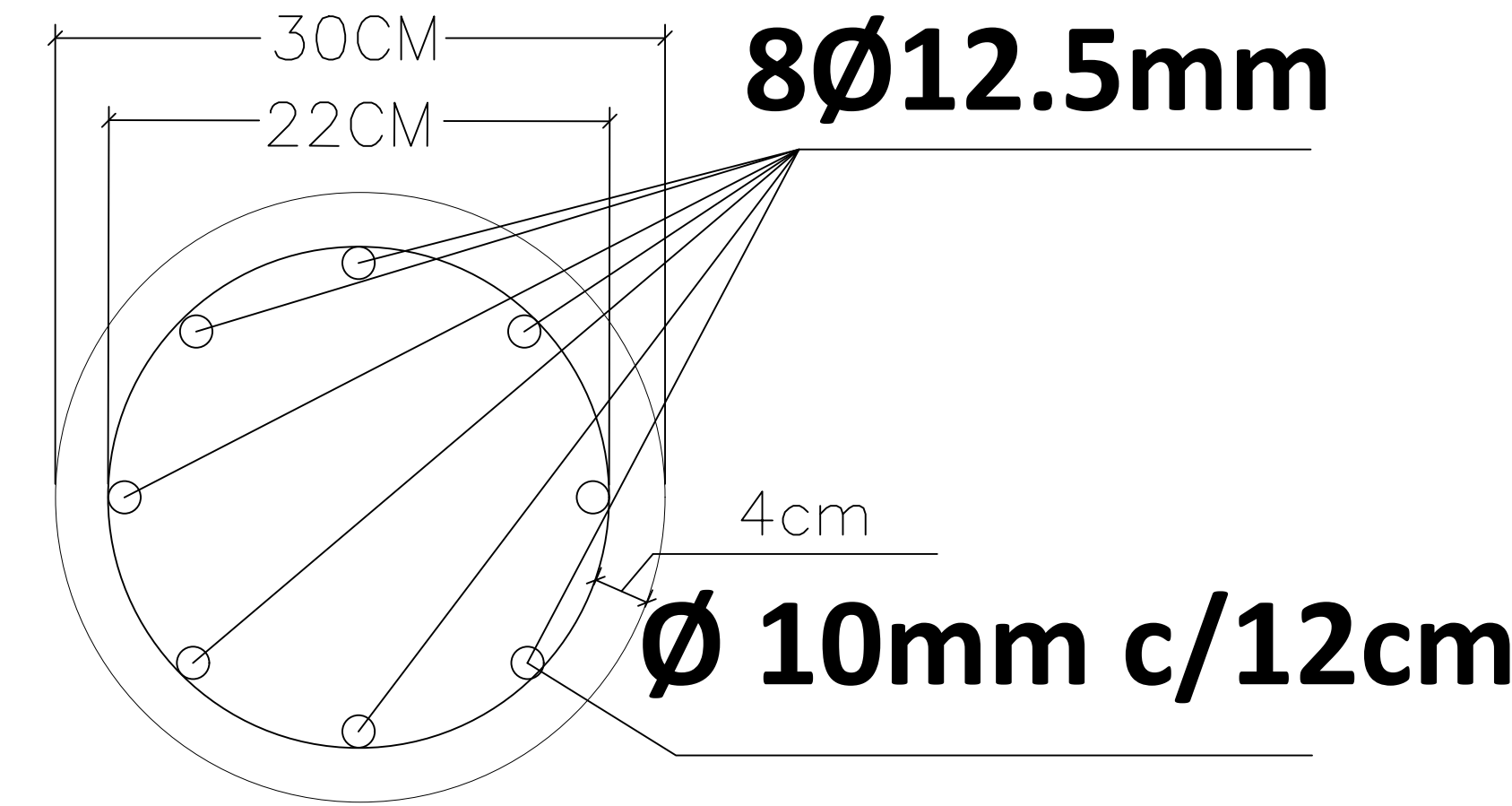
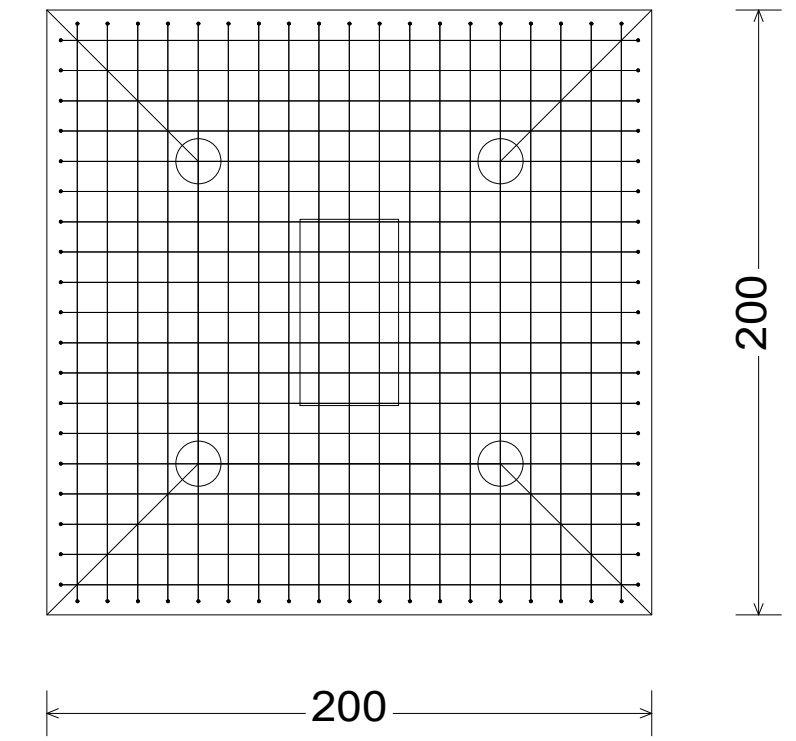
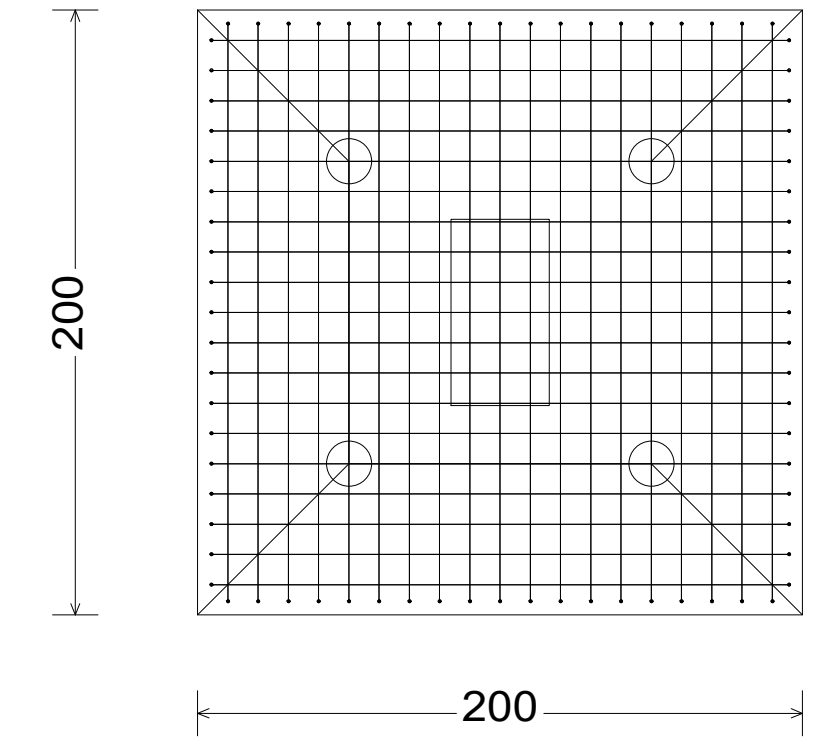
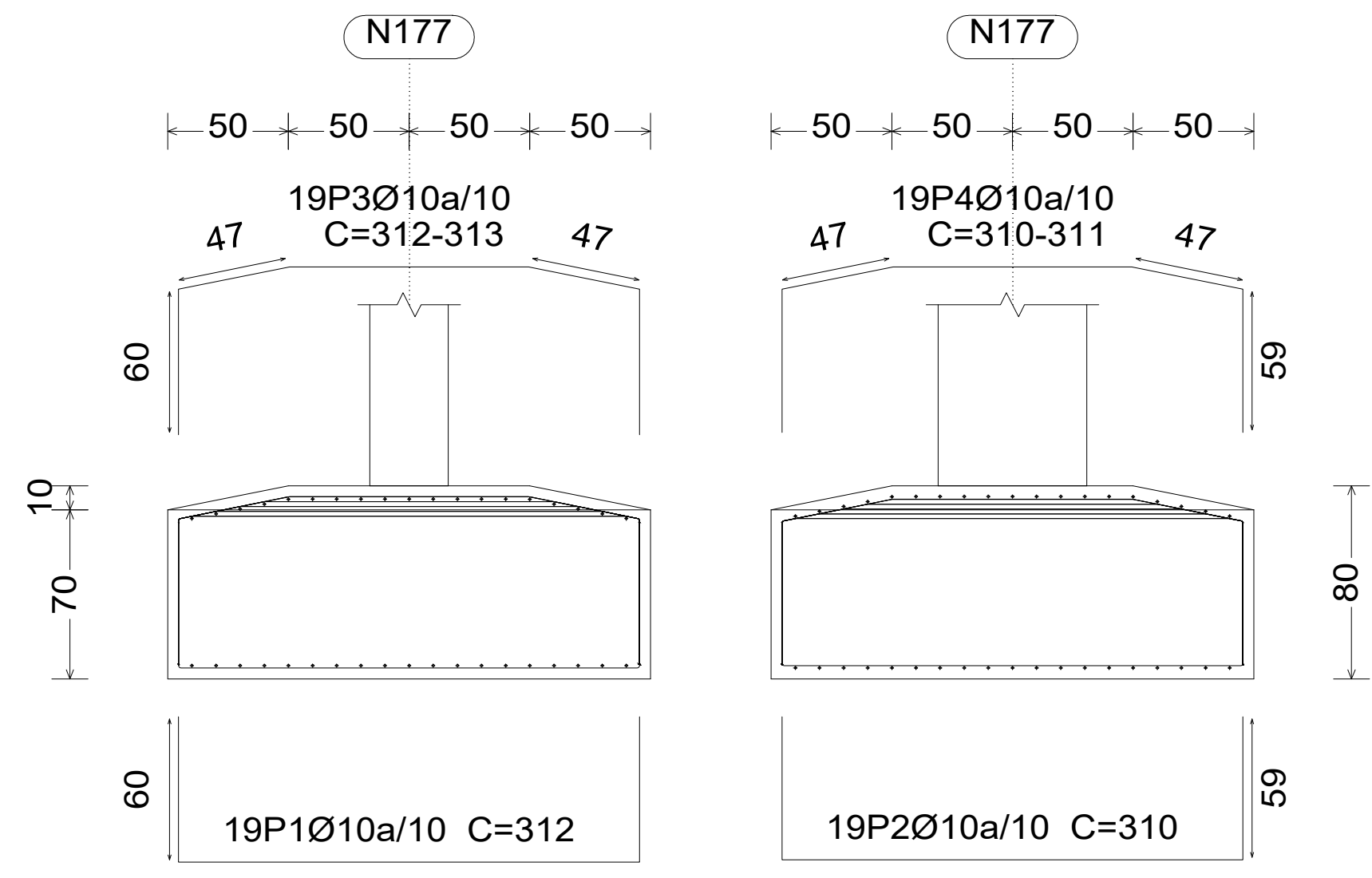
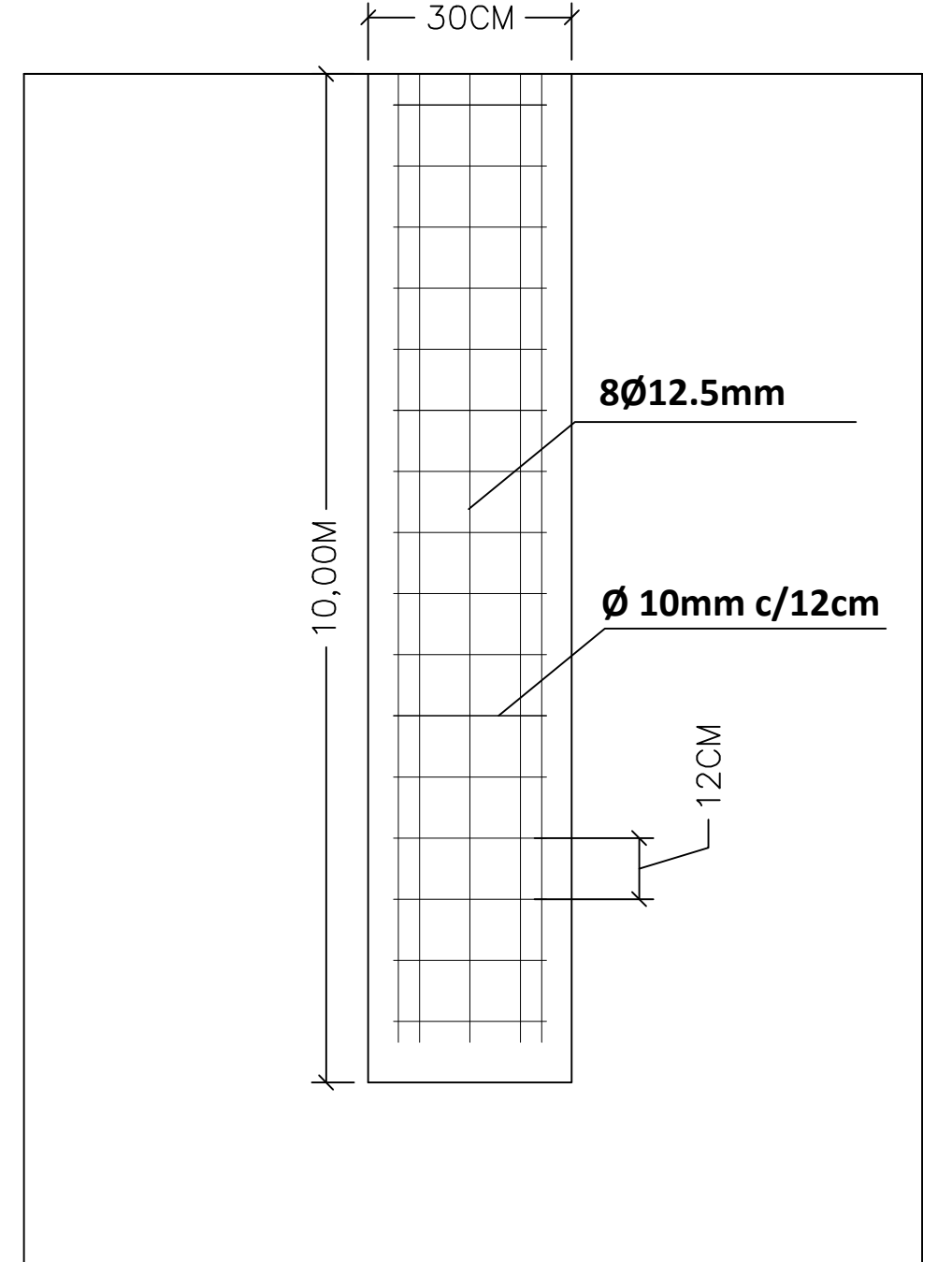


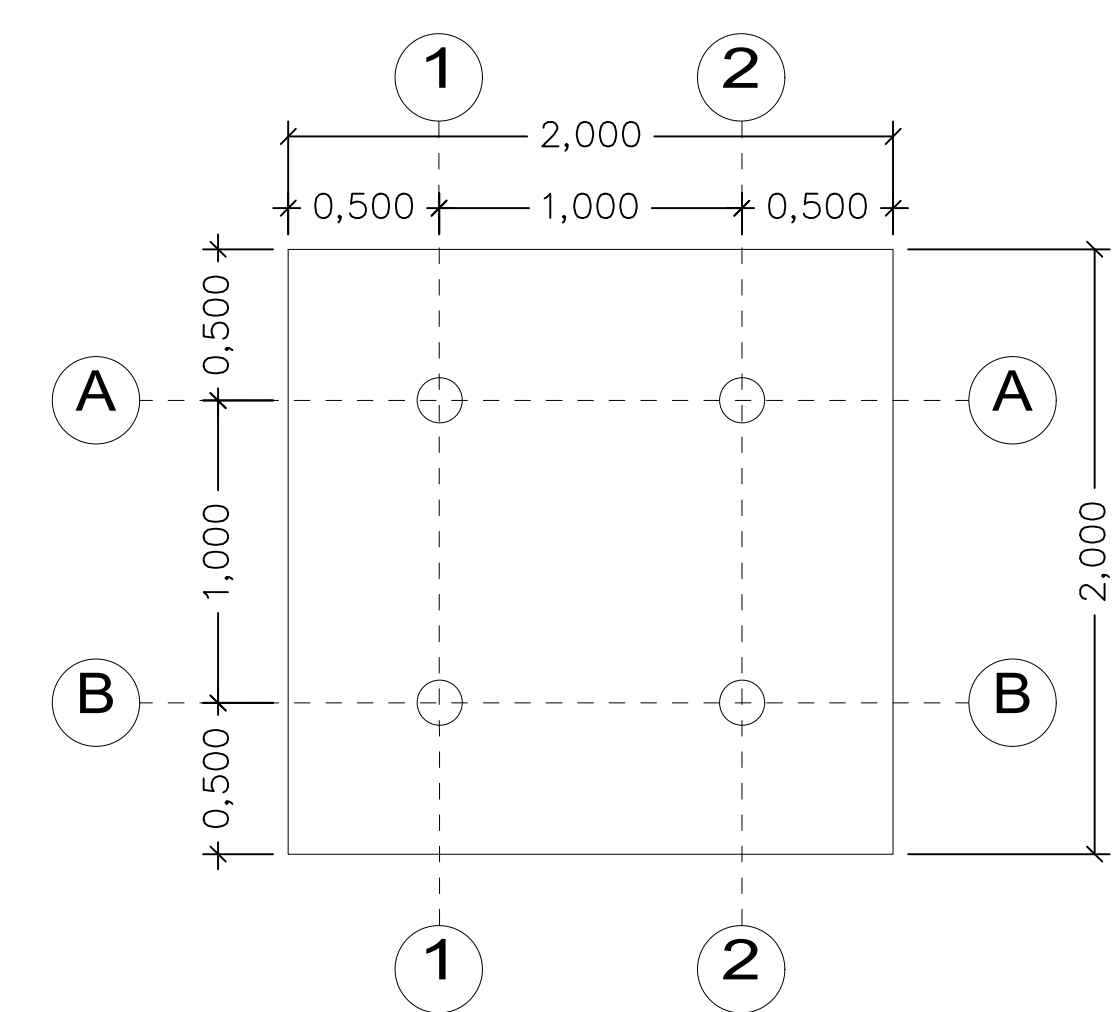
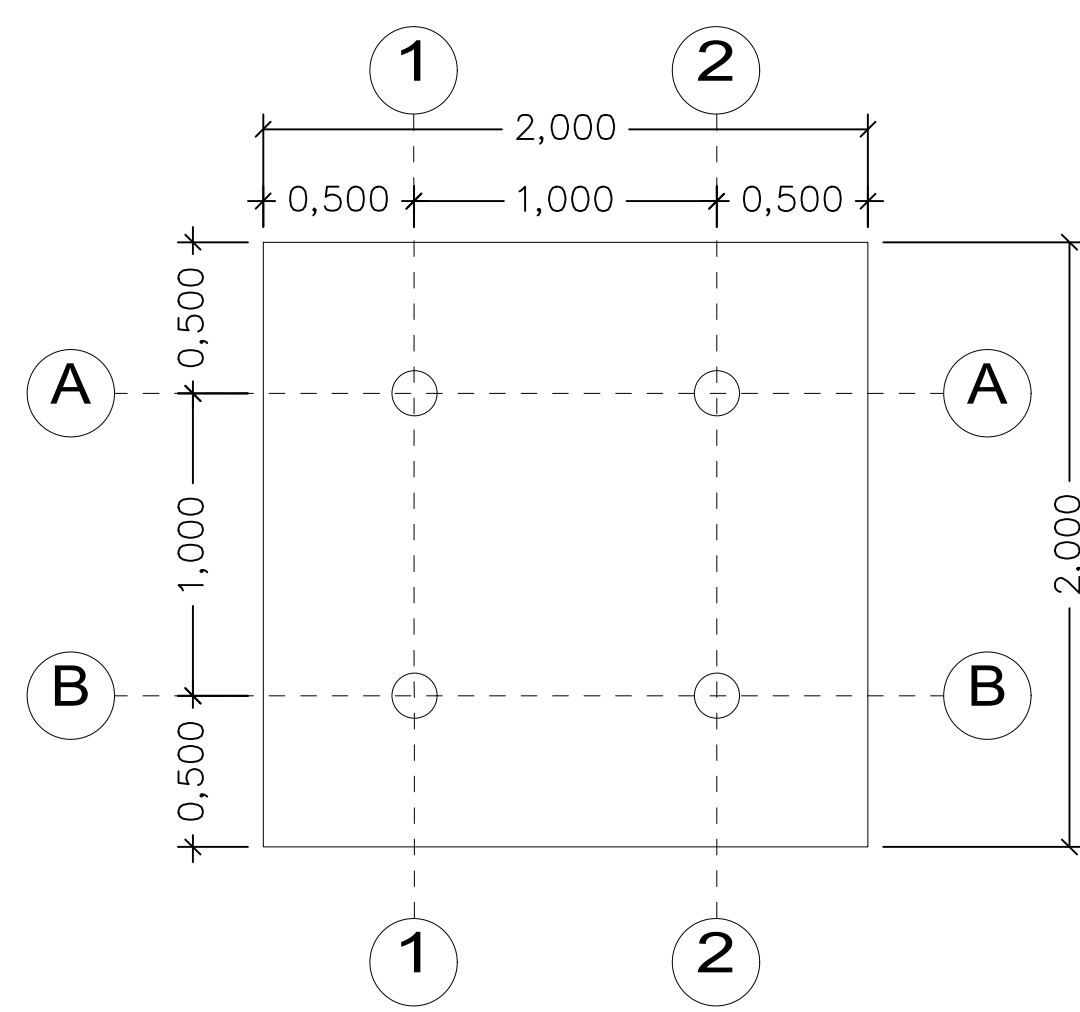
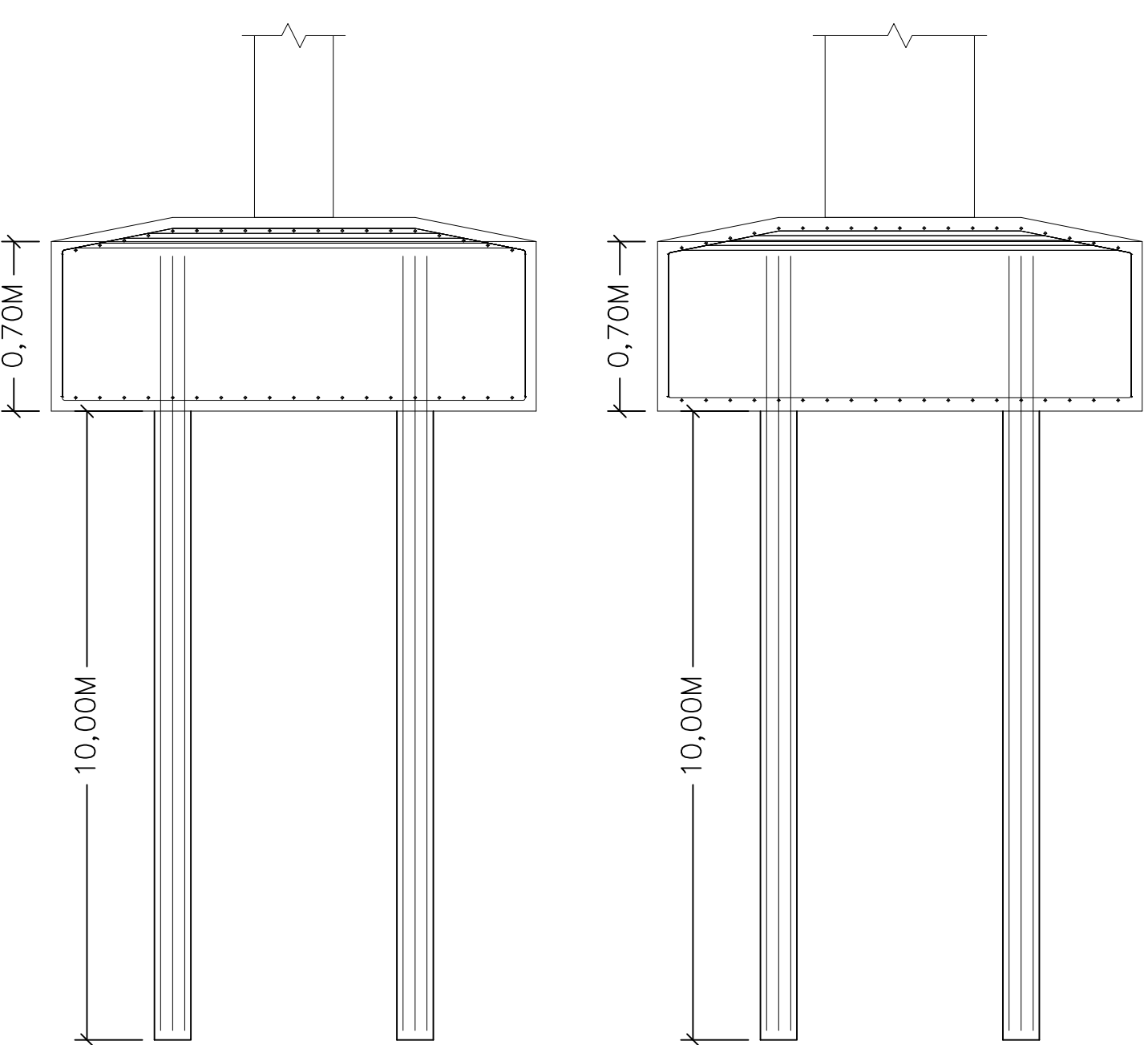
N177 e N181



DETALHE BROCA SEM ESC.




DETALHE BROCA S/ ESC.



BLOCO 1 ESC. 1:50

BLOCO 2 ESC. 1:50

Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
N177=N181	1	Ø10	19	60	192	60	312	5928	36.5	
	2	Ø10	19	59	192	59	310	5890	36.3	
	3	Ø10	19		VAR.		VAR.	5947	36.6	
	4	Ø10	19		VAR.		VAR.	5909	36.4	
	Total+10%:								160.4	
(x2):								320.8		
FERRAGEM DO BLOCO								Ø10:	320.8	0.0
								Total:	320.8	0.0



**BRENDA CARVALHO**  
ENG. CIVIL  
CREA-MG: 252.640

CLIENTE: PREFEITURA DE CARVALHÓPOLIS

PORTAL ENTRADA DA CIDADE  
885-287-404 422-5 CARVALHÓPOLIS-MG

PROJETO ESTRUTURAL

—FUNDAÇÃO E LOCAÇÃO DOS PILARES

02/02

ESTRUTURAL

MARÇO/2022

INDICADA

BRENDA CARVALHO

PREFEITURA MUNICIPAL DE CARVALHÓPOLIS  
CNPJ 18.242.800/0001-84