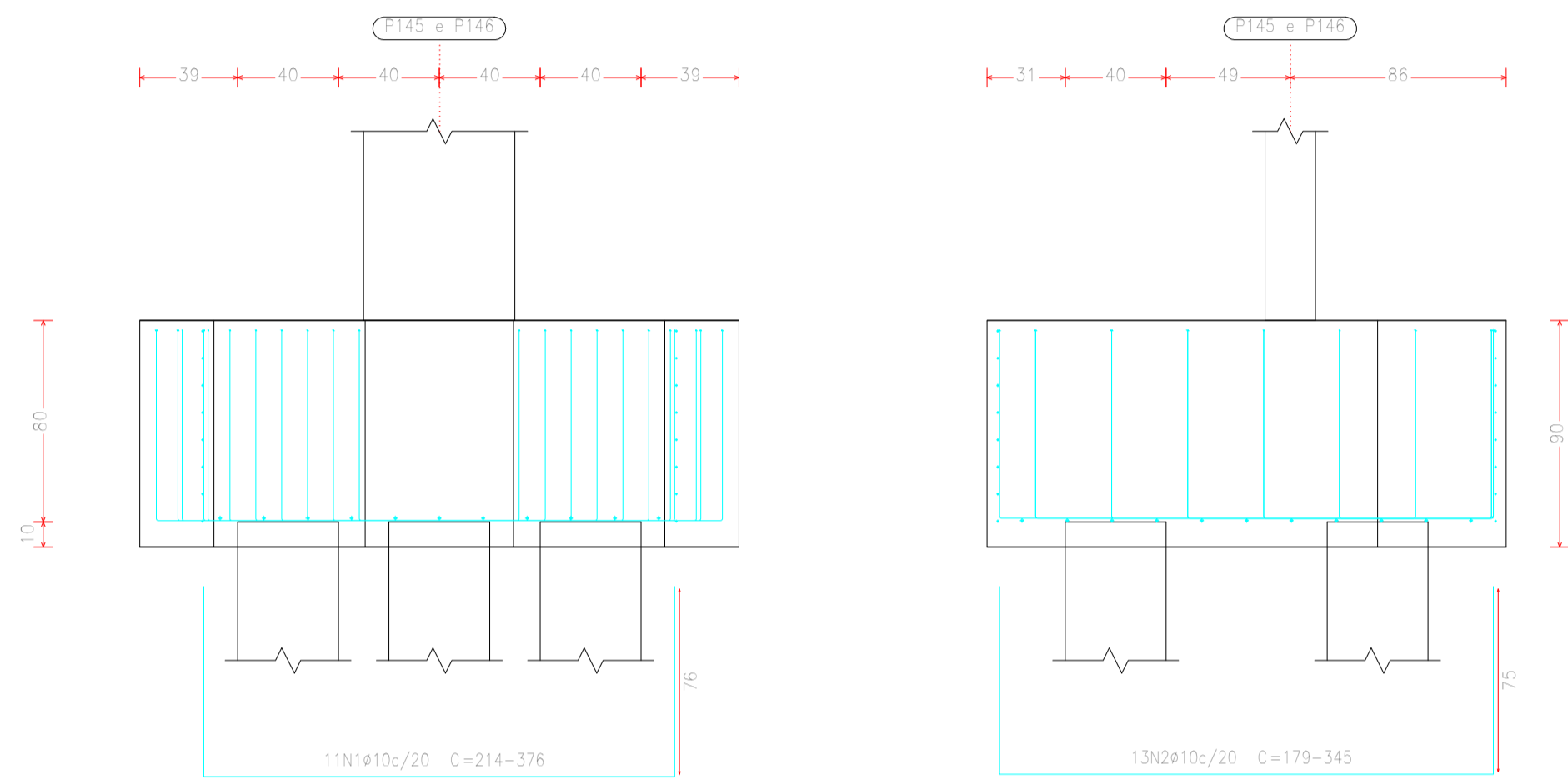
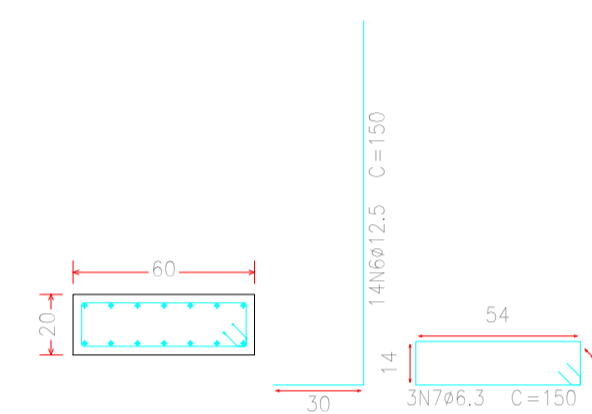


Resumo Aço Fundação	Comp. total (m)	Peso+10% (kg)	Total
CA-50 ϕ 6,3	21,0	6	2025
ϕ 8	1816,1	789	
ϕ 10	1268,5	860	
ϕ 12,5	349,3	370	
CA-60 ϕ 4,2	41,9	5	218
ϕ 5	1235,8	213	
Total			2243

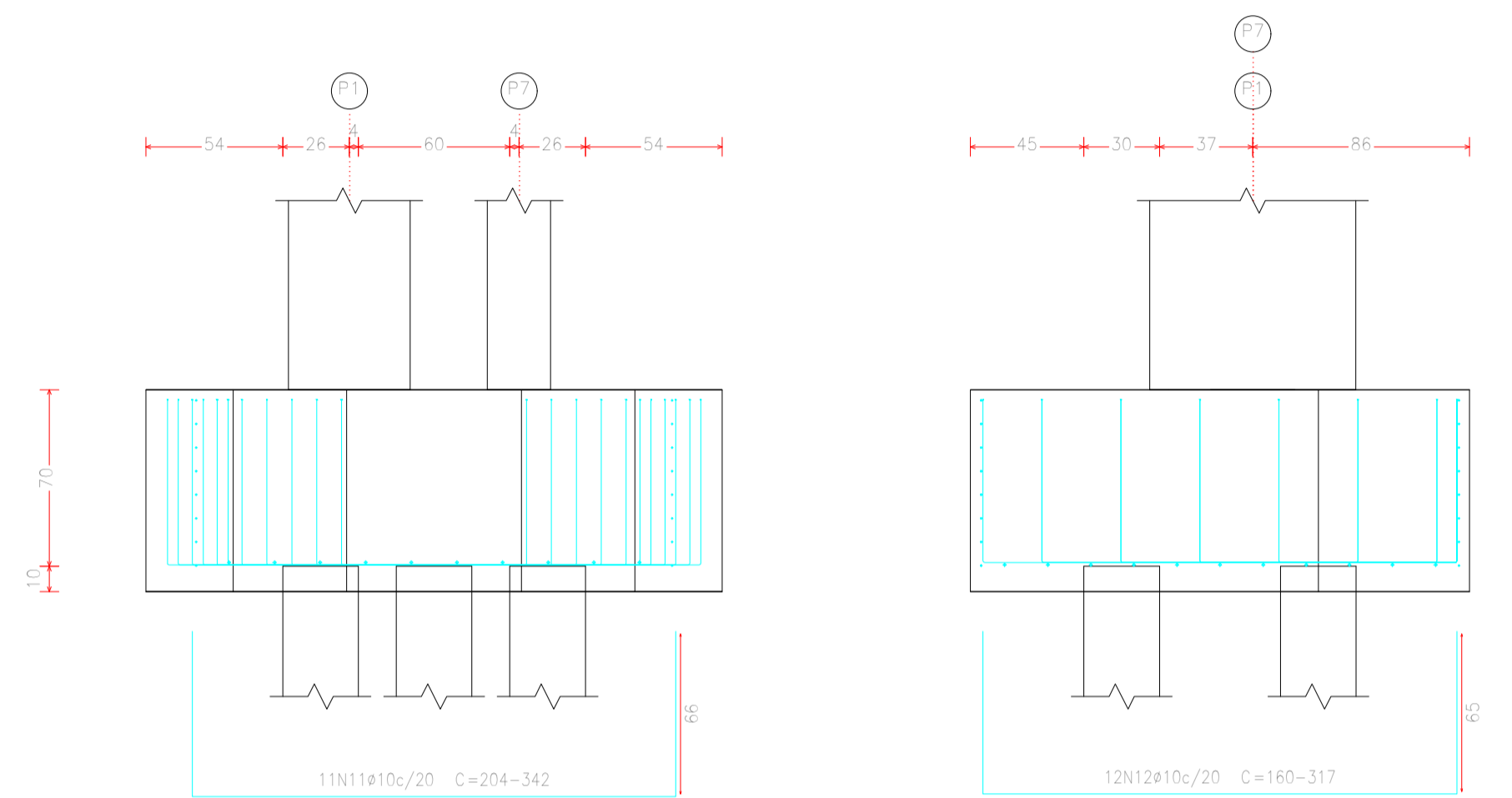
P145 e P146



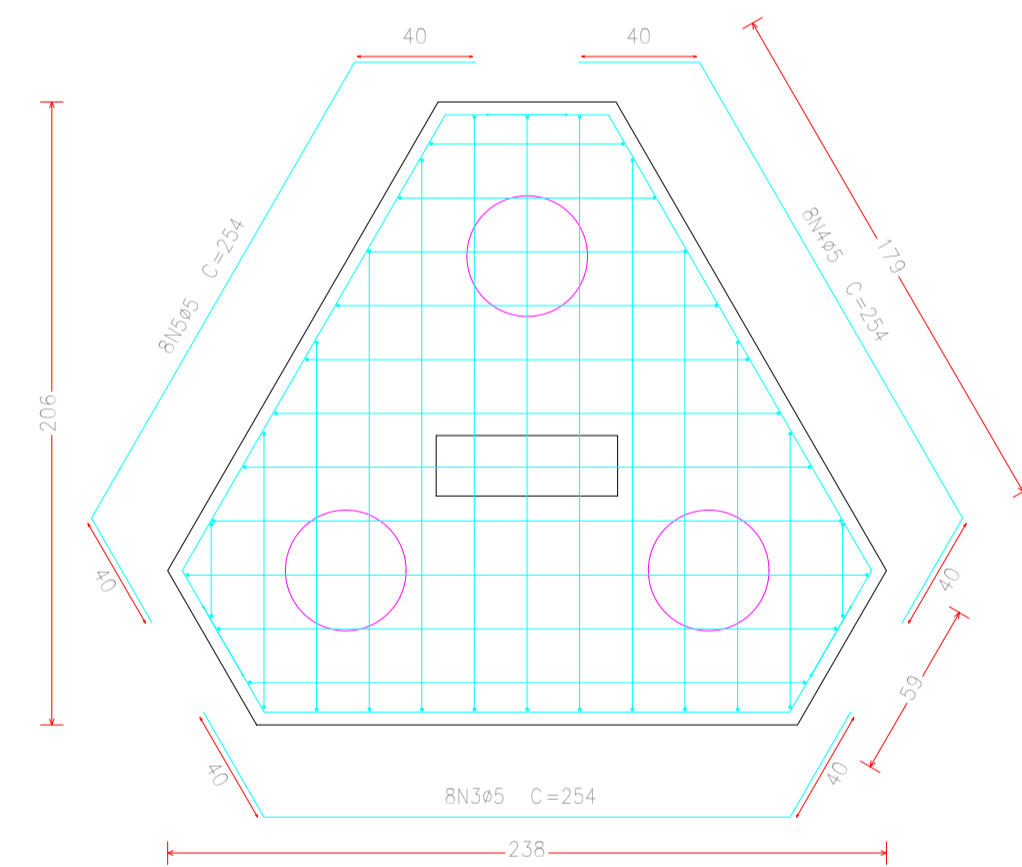
P147 e P148



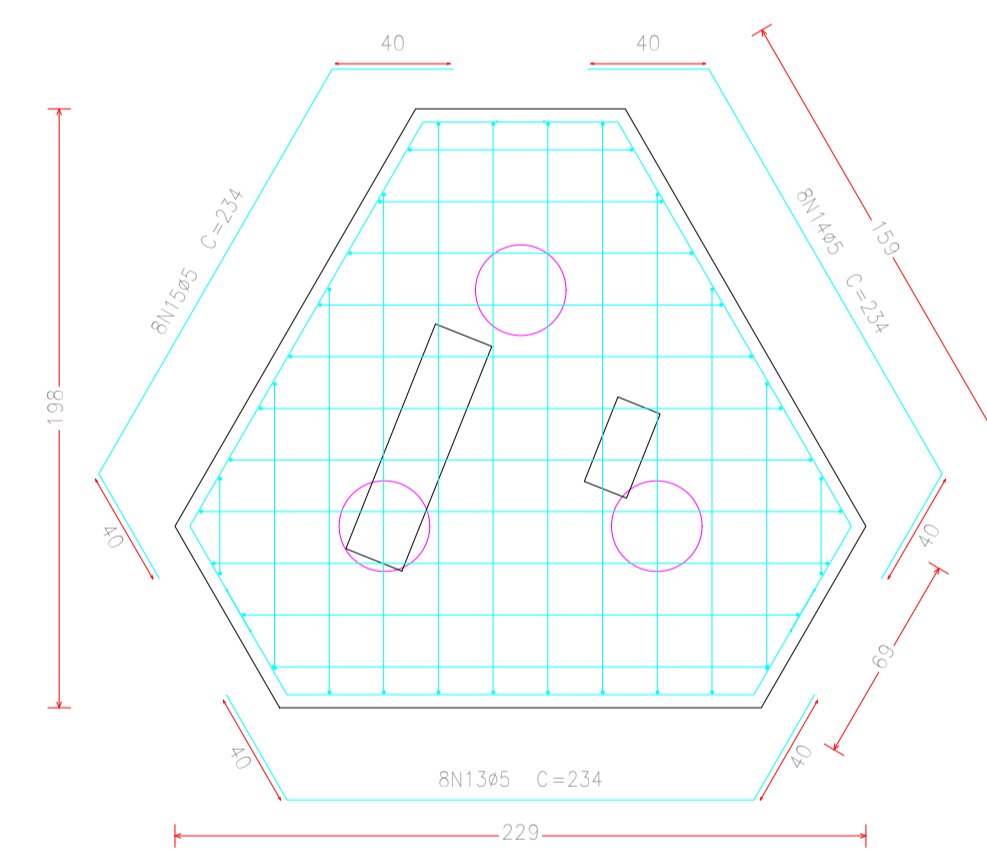
(P1-P7)



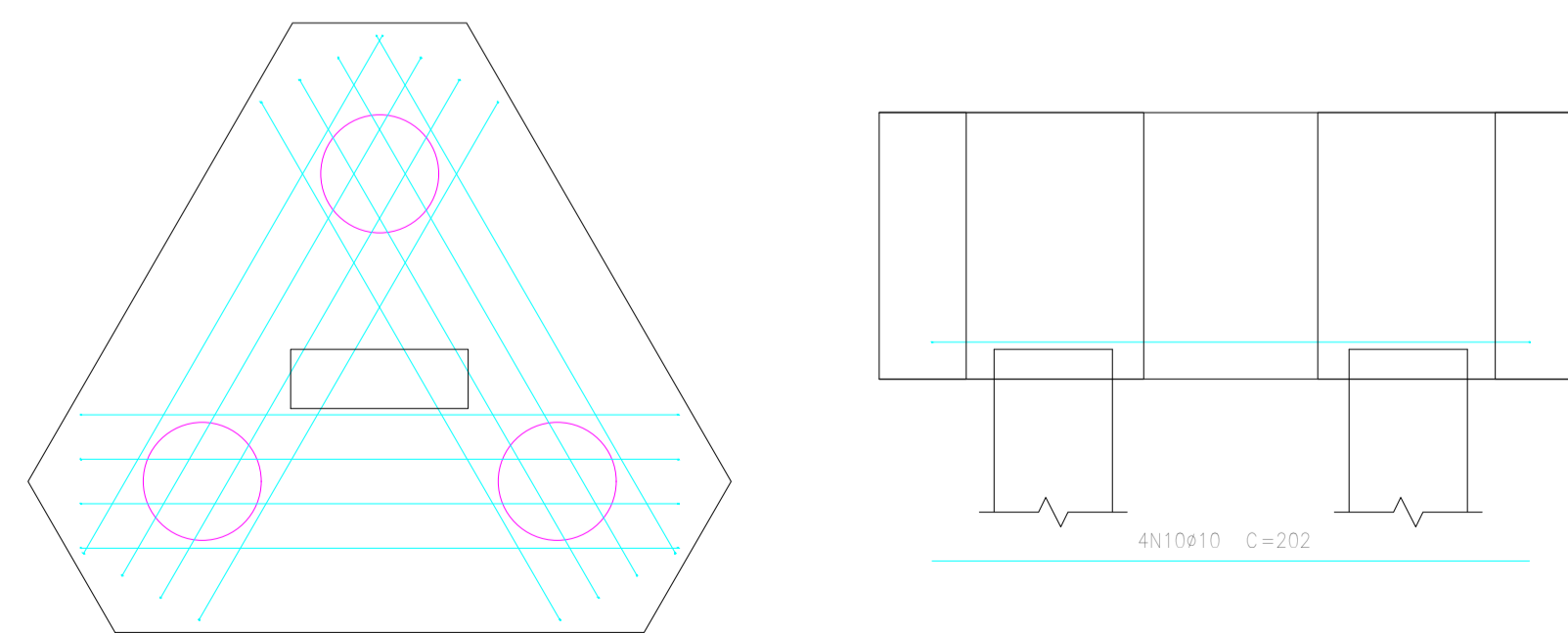
Estacas: E40



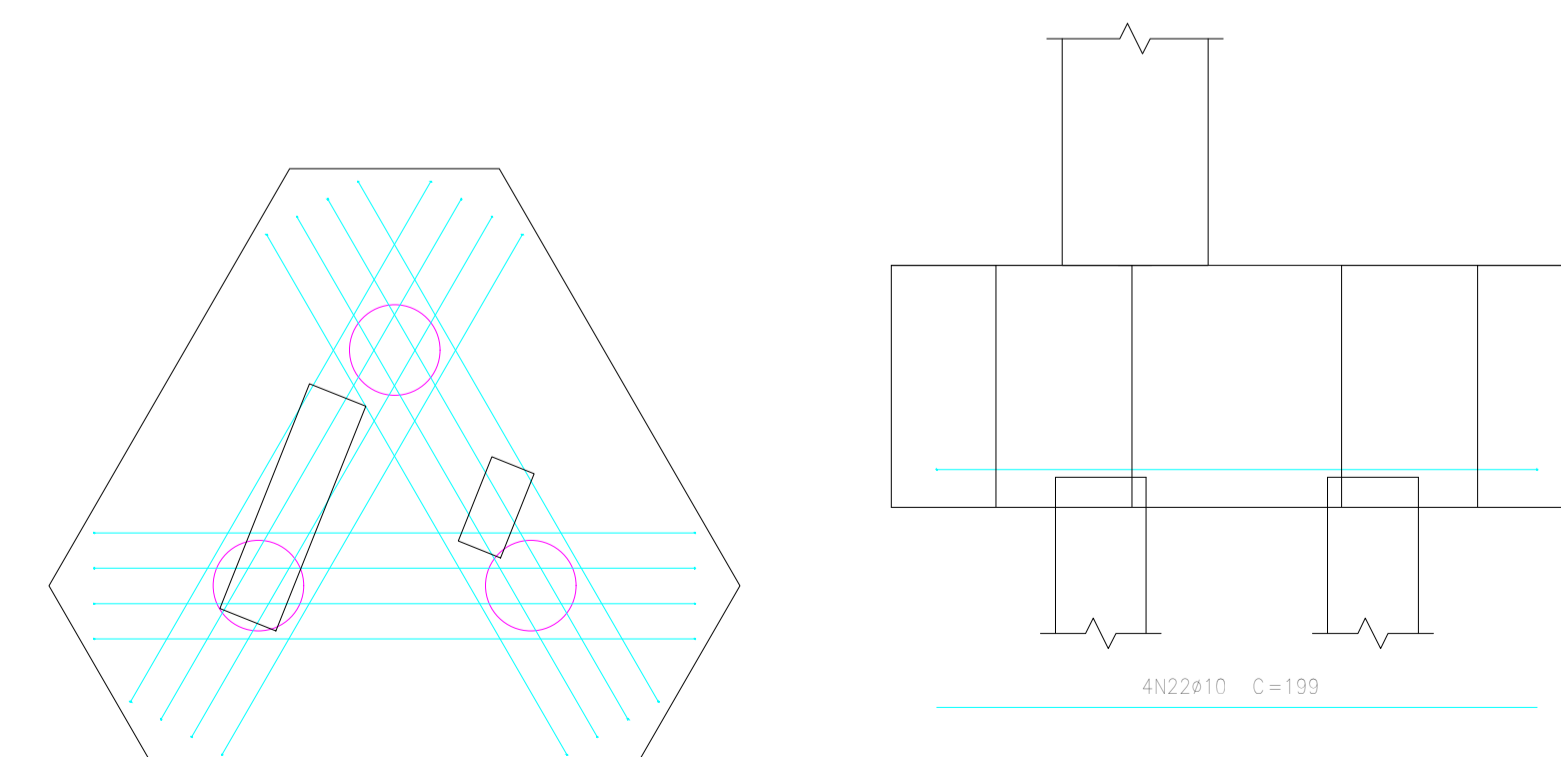
Estacas: e30



Viga lateral

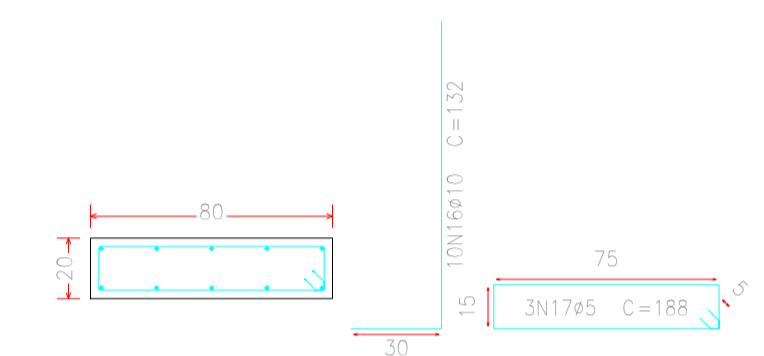


Viga lateral

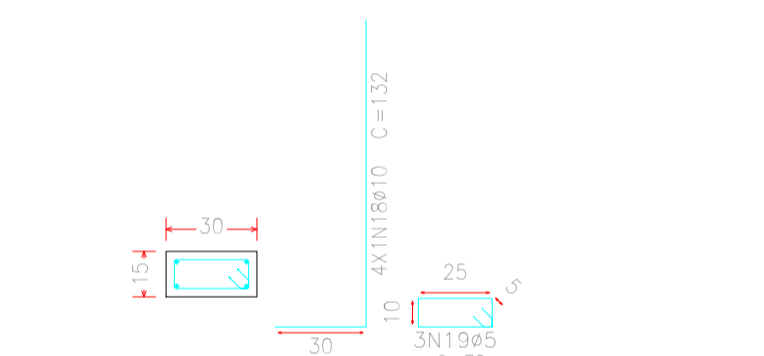


Elemento	Pos.	Diam.	Q.	Deb. (cm)	Ret. (cm)	Deb. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)	
P145=P146	1	ϕ 10	11	VAR.	VAR.	VAR.	VAR.	3366	20,7		
	2	ϕ 10	13	VAR.	VAR.	VAR.	3679	22,7			
	3	ϕ 5	8	40	174	40	254	2032		3,2	
	4	ϕ 5	8	40	174	40	254	2032		3,2	
	5	ϕ 5	8	40	174	40	254	2032		3,2	
	6	ϕ 12,5	14	30	120	150	2100	20,2			
	7	ϕ 6,3	5	150	150	450	1,1				
	8	ϕ 10	4	202	202	808	5,0				
	9	ϕ 10	4	202	202	808	5,0				
	10	ϕ 10	4	202	202	808	5,0				
Total+10% (x2):									87,7	10,6	
									175,4	21,2	
(P1-P7)	11	ϕ 10	11	VAR.	VAR.	VAR.	VAR.	3135	19,3		
	12	ϕ 10	12	VAR.	VAR.	VAR.	3156	19,4			
	13	ϕ 5	8	40	154	40	234	1872		2,9	
	14	ϕ 5	8	40	154	40	234	1872		2,9	
	15	ϕ 5	8	40	154	40	234	1872		2,9	
	16	ϕ 10	10	30	102	132	1320	8,1			
	17	ϕ 5	3	188	188	564	0,9				
	18	ϕ 10	4	30	102	132	528	3,3			
	19	ϕ 5	3	78	78	234	0,4				
	20	ϕ 10	4	199	199	796	4,9				
	21	ϕ 10	4	199	199	796	4,9				
	22	ϕ 10	4	199	199	796	4,9				
Total+10% (x2):									71,3	11,0	
									ϕ 5:	0,0	32,2
									ϕ 6,3:	2,4	0,0
									ϕ 10:	199,7	0,0
									ϕ 12,5:	44,6	0,0
									Total:	246,7	32,2

P1



P7



EDIFICAÇÃO EDUCACIONAL DE ALVENARIA
É DE INTEIRA RESPONSABILIDADE DO AUTOR DO PROJETO E RESPONSÁVEL TÉCNICO, ATENDER A LEGISLAÇÃO MUNICIPAL E NORMAS BRASILEIRAS VIGENTES.

APROVAÇÕES

PROJETO VINCULADO AO
ALVARÁ Nº _____
PROT. Nº _____

JULIO ANDREI NASCIMENTO

RESPONSÁVEL TÉCNICO | ENGENHEIRO CIVIL - CREA SC 166369-1

PREFEITURA MUNICIPAL DE IRINEÓPOLIS

PROPRIETÁRIO

OBRA

EDIFICAÇÃO EDUCACIONAL

JULIO ANDREI
ENGENHEIRO CIVIL



PROJETO FUNDAÇÃO

DETALHE BLOCO FUNDAÇÃO

FRANQUIA

19/19

DATA: MAIO/2022

ESCALA: INDICADA

DESENHO

JULIO ANDREI NASCIMENTO