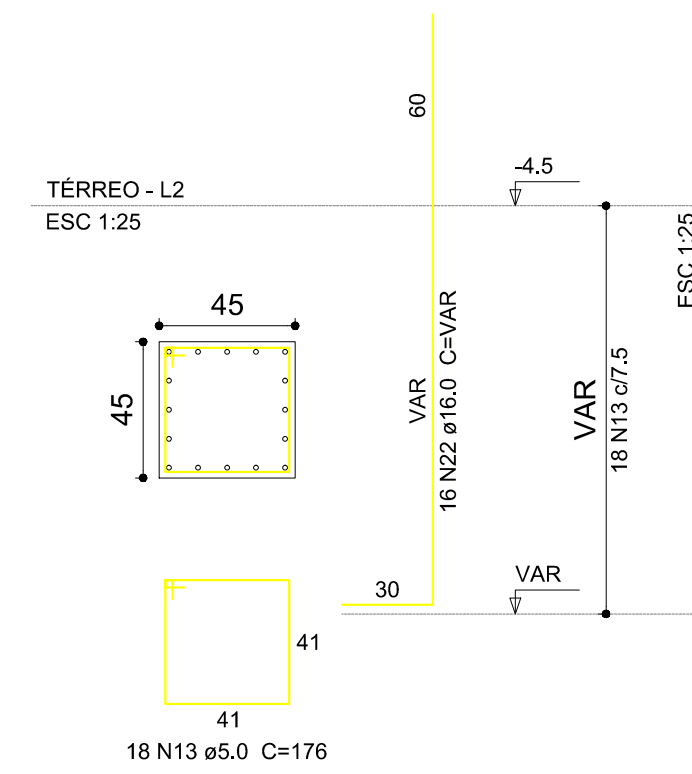
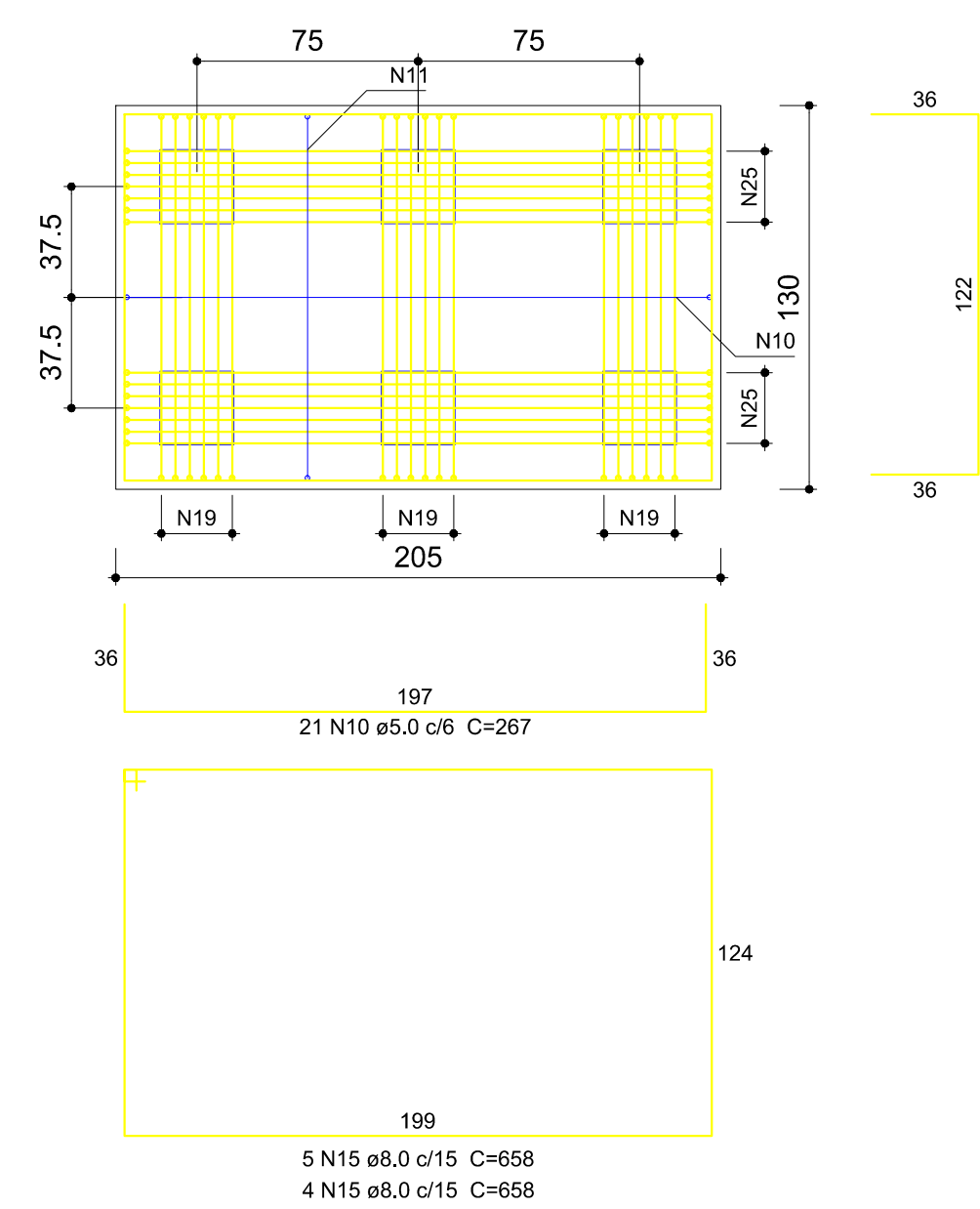


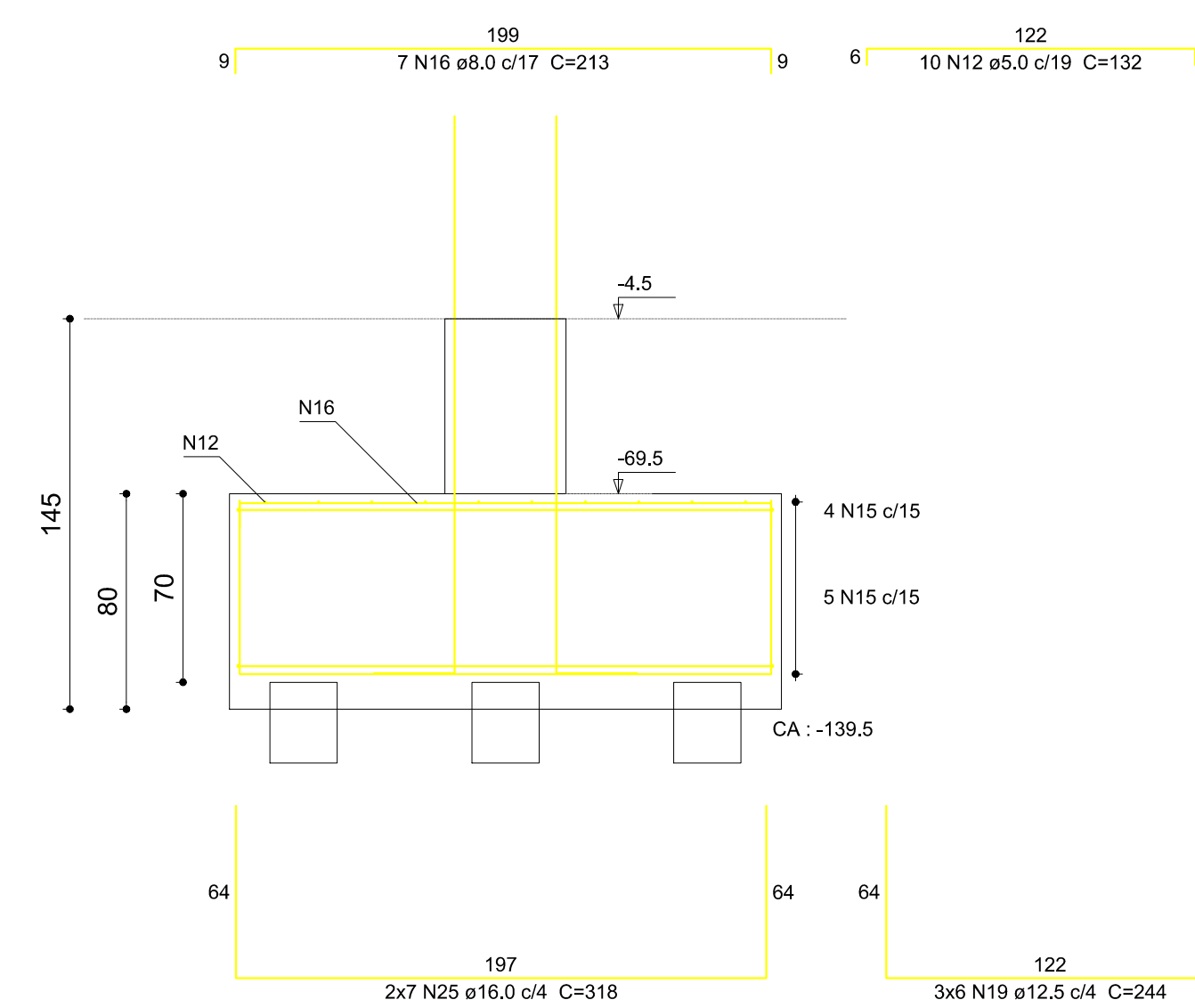
P45



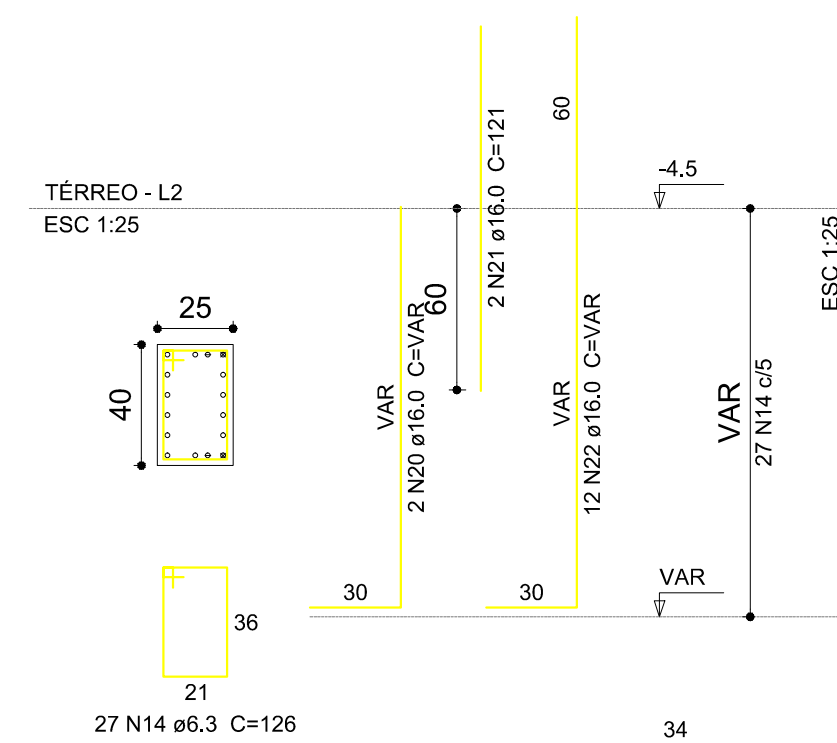
B45
6 est. 25x25
PLANTA
ESC 1:25



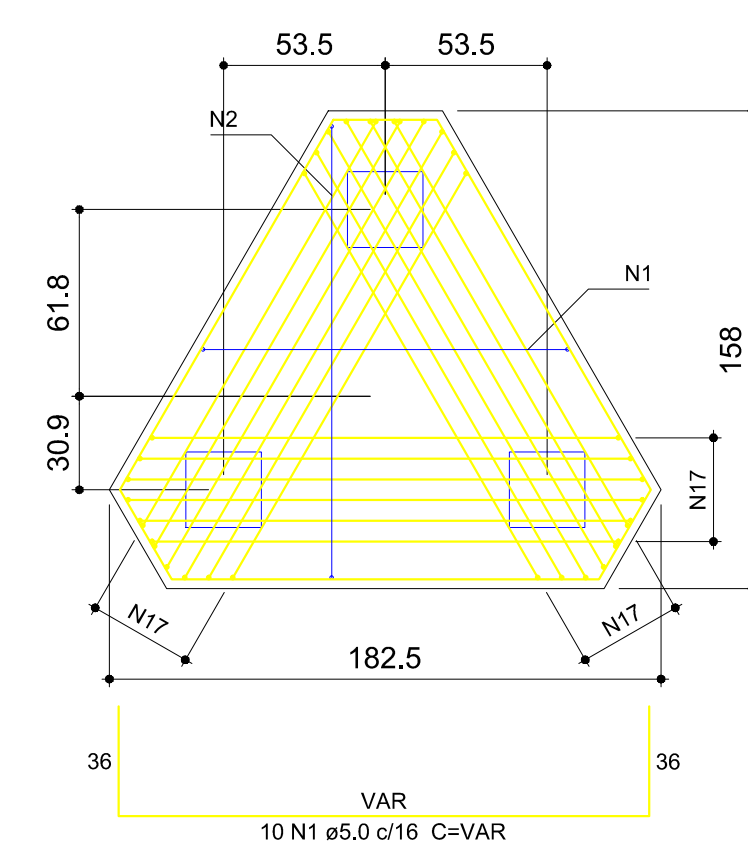
CORTE
ESC 1:25



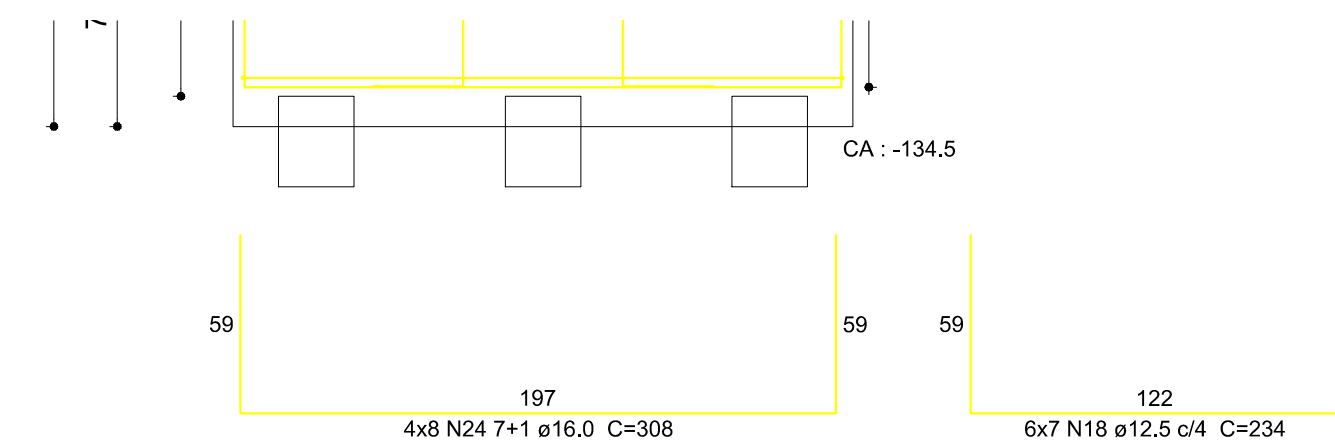
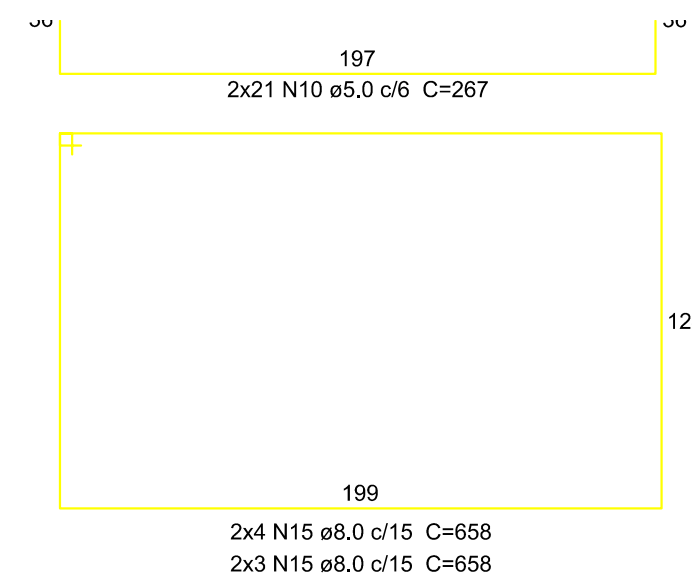
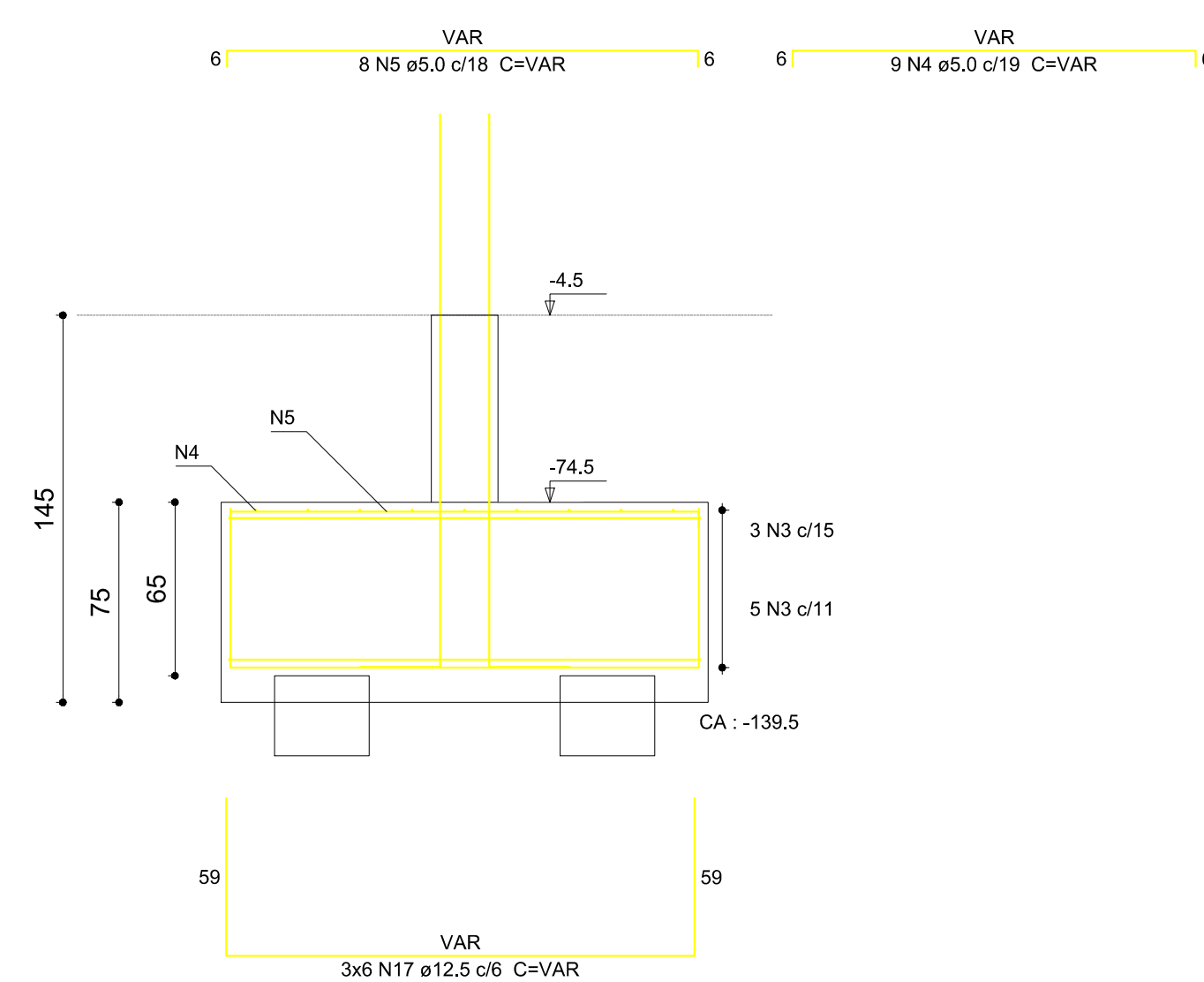
P46



B46
3 est. 25x25
PLANTA
ESC 1:25



CORTE
ESC 1:25



22	16.0	28	VAR	VAR
23	16.0	34	VAR	VAR
24	16.0	32	308	9856
25	16.0	14	318	4452

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	34.1	9.2
	8.0	196.1	85.1
	12.5	193.9	205.4
CA60	16.0	294	493.1
	5.0	597.1	101.2
PESO TOTAL			
CA50	792.8		
CA60	101.2		

Vol. de concreto total (C-25) = 8,27 m³
Área de forma total = 28,25 m²



FB ENGENHARIA LTDA

Felisberto & Biava Associados

FB ENGENHARIA LTDA
CNPJ: 08.582.028/0001-96
CREA-SC - 82.125-1 - VIDEIRA-SC

fb@fbengenharia.com
www.fbengenharia.com
Fone: (49) 3566.5862

Cliente	Projeto			
INSTITUTO FEDERAL CATARINENSE	425			
Obra	Prancha			
EDIFICAÇÃO PARA SALAS DE AULA E OFICINAS	10/32			
Local				
RODOVIA SC 303 - VIDEIRA - SC				
Resp. técnico	Assinatura Proprietário			
Eng. Civil FABIANO BIAVA CREA SC - 67691-9				
Descrição				
FUNDAÇÕES TÉRREO				
Desenho	Unidade	Data	Escala	Área
FB ENGENHARIA	CENTÍMETROS	FEVEREIRO/2013	INDICADA	2,546,18m²