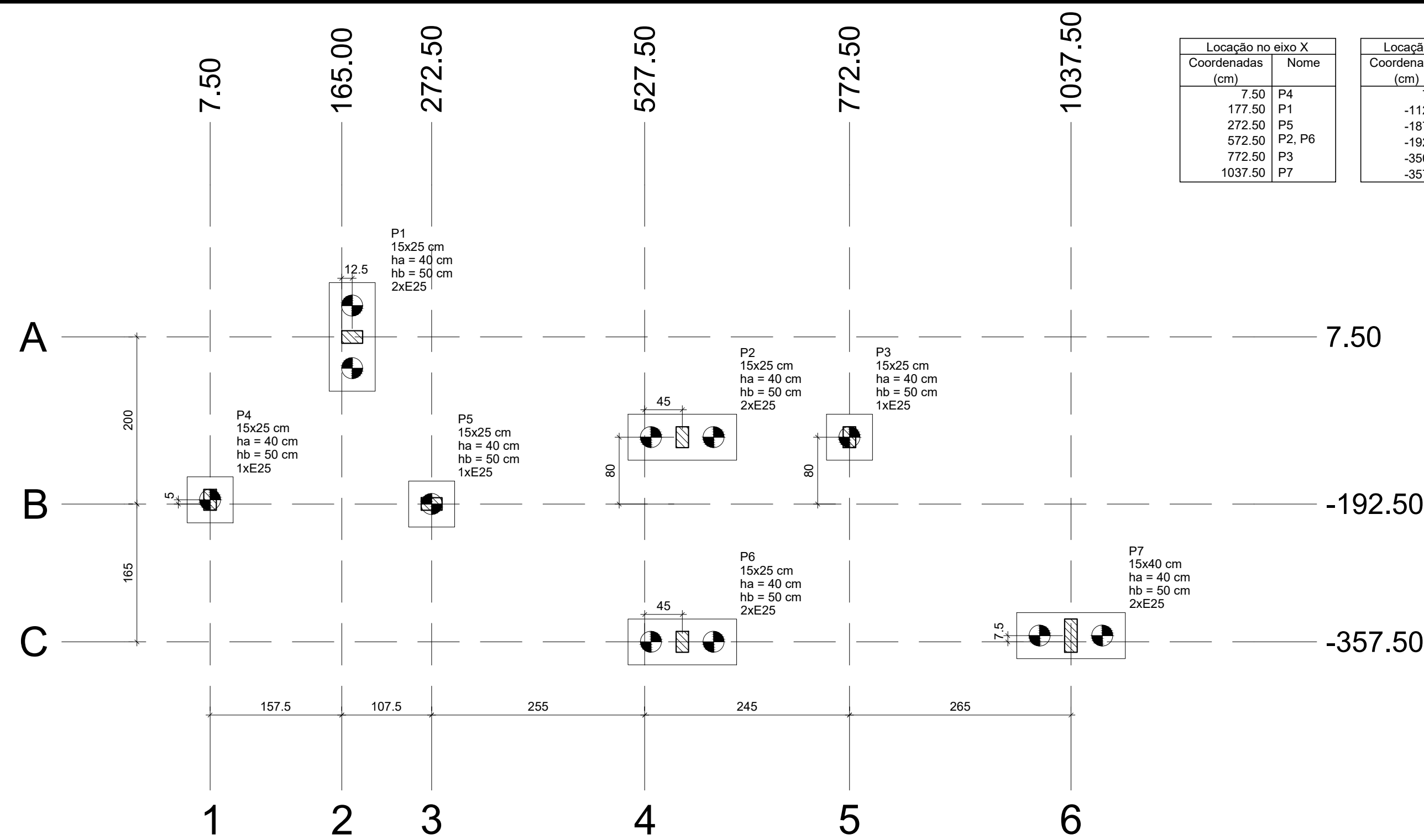
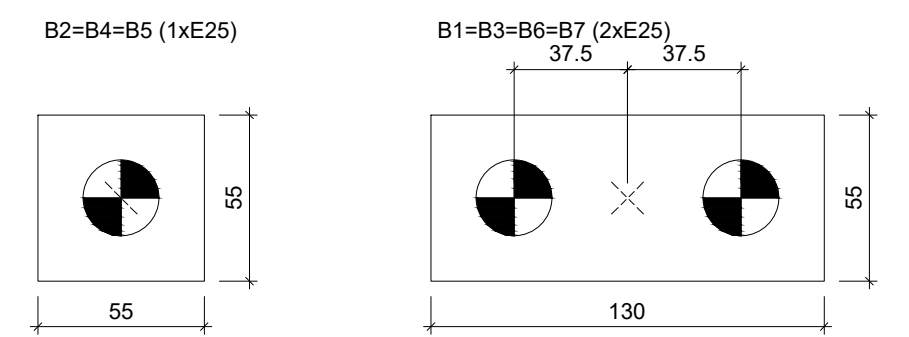




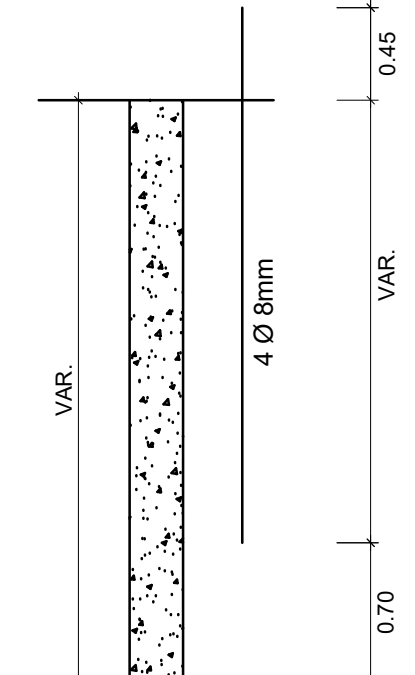
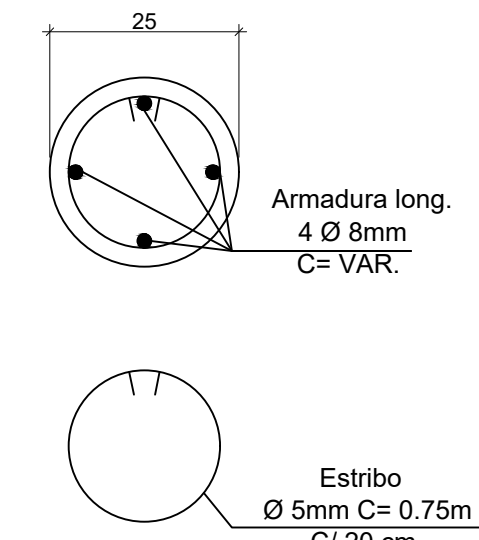
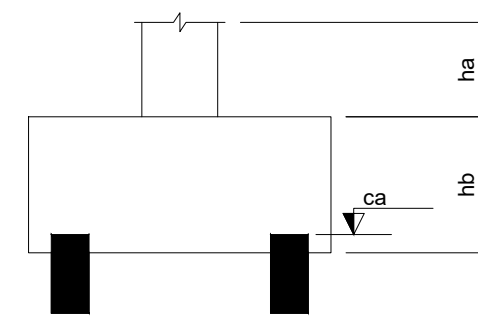
Locação no eixo X		Locação no eixo Y	
Coordenadas (cm)	Nome	Coordenadas (cm)	Nome
7.50	P4	7.50	P1
177.50	P1	-112.50	P2, P3
272.50	P5	-187.50	P4
572.50	P2, P6	-192.50	P5
772.50	P3	-350.00	P6
1037.50	P7	-357.50	P7



LEGENDA DOS BLOCOS

Escala 1:25

Estacas			
Simbologia	Nome	d (cm)	Quantidade
	E25	25.00	11



Detalhamento Estacas

Sem Escala

RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	57.64	25.30
CA60	10.0	39.04	26.48
CA60	5.0	165.54	28.04

PESO TOTAL (kg)	
CA50	51.78
CA60	28.04

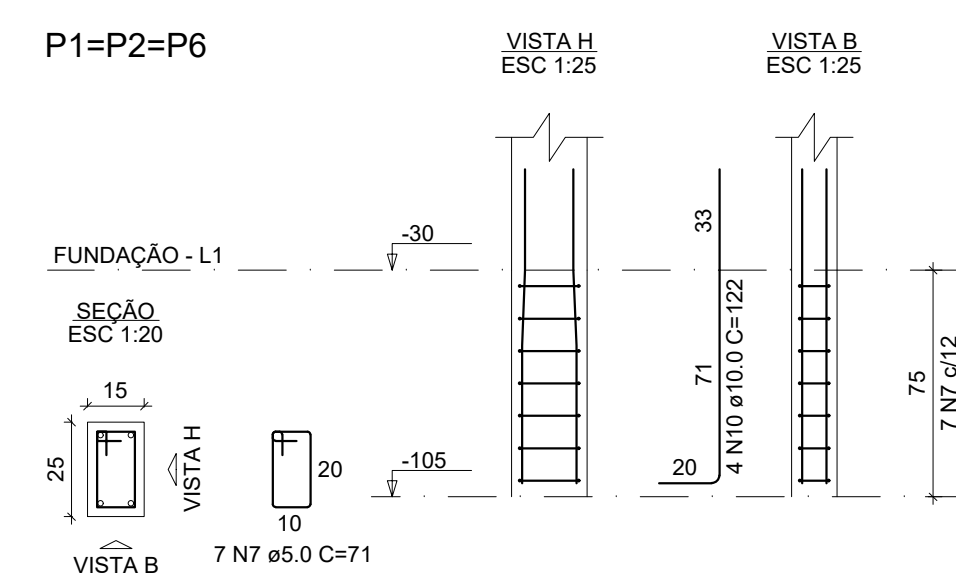
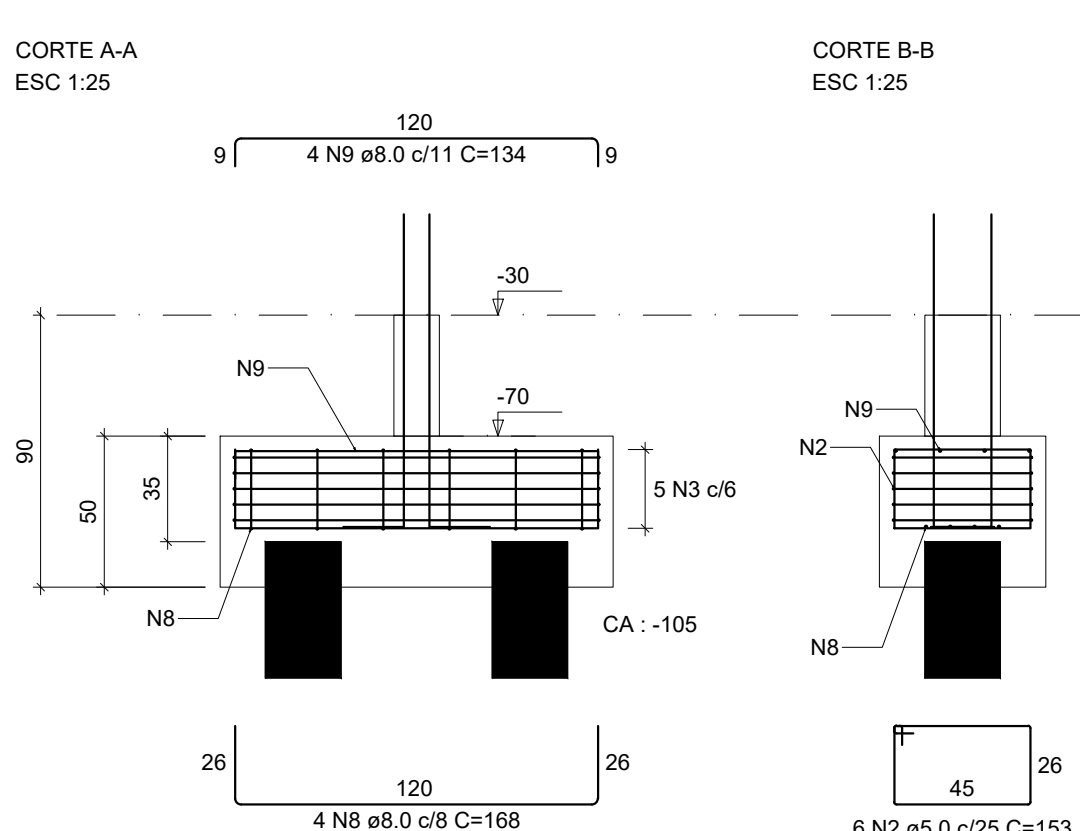
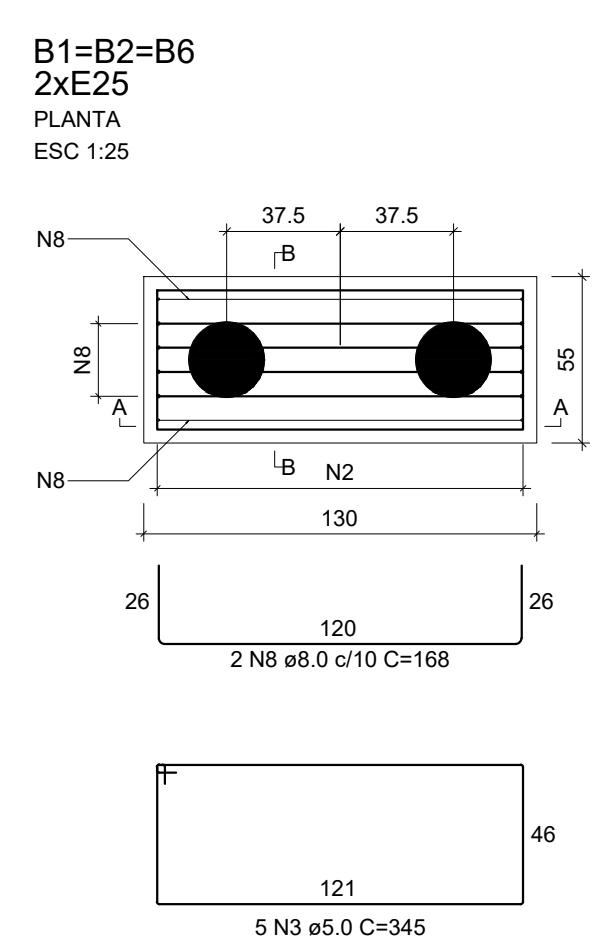
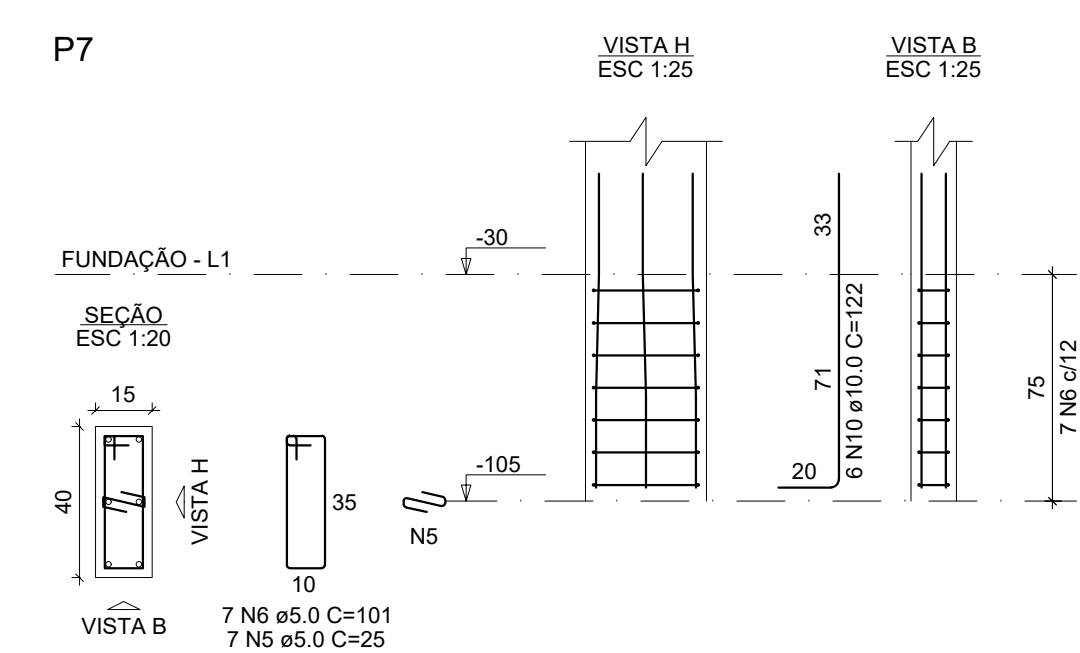
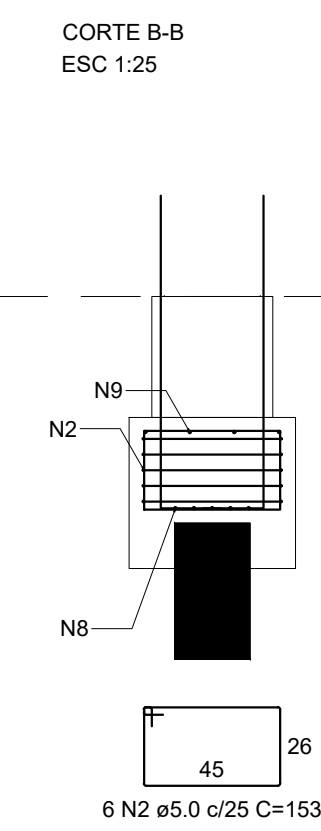
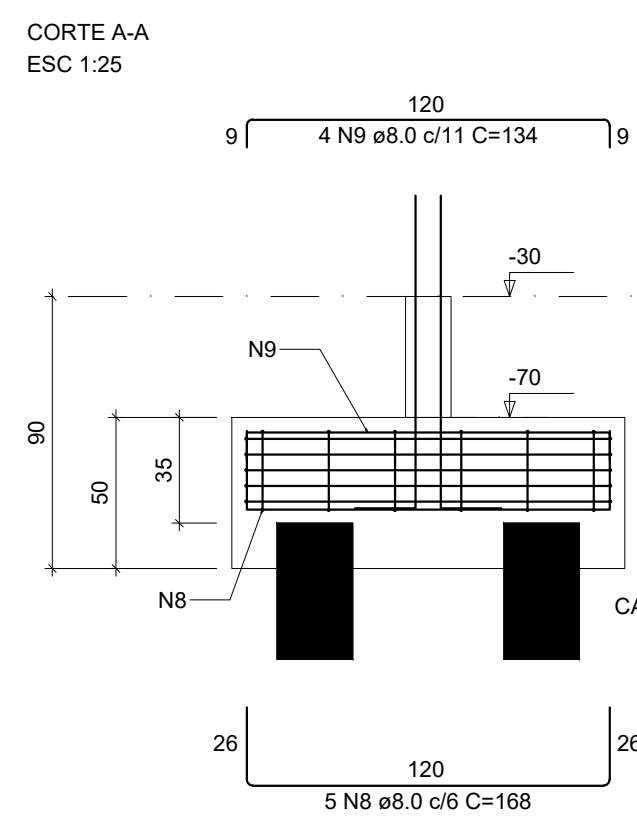
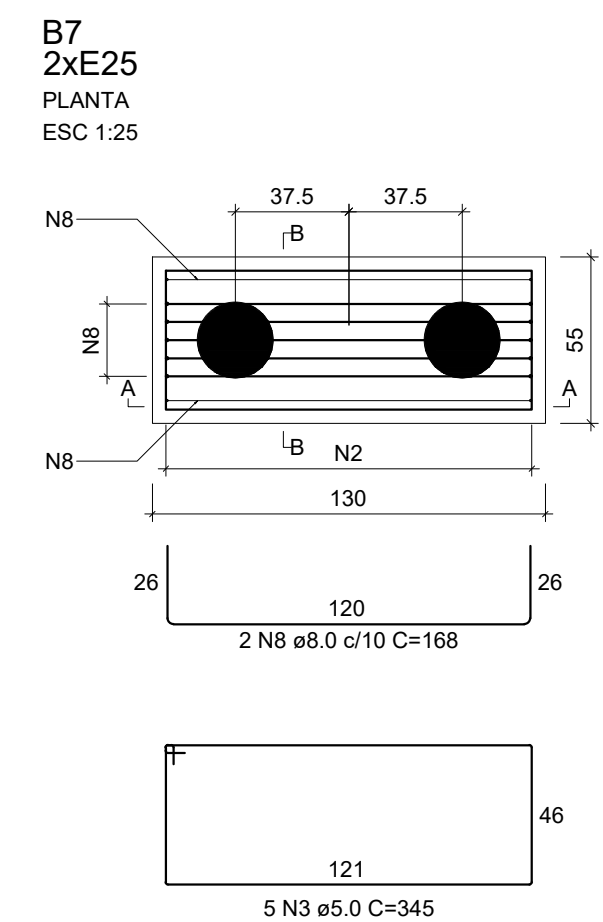
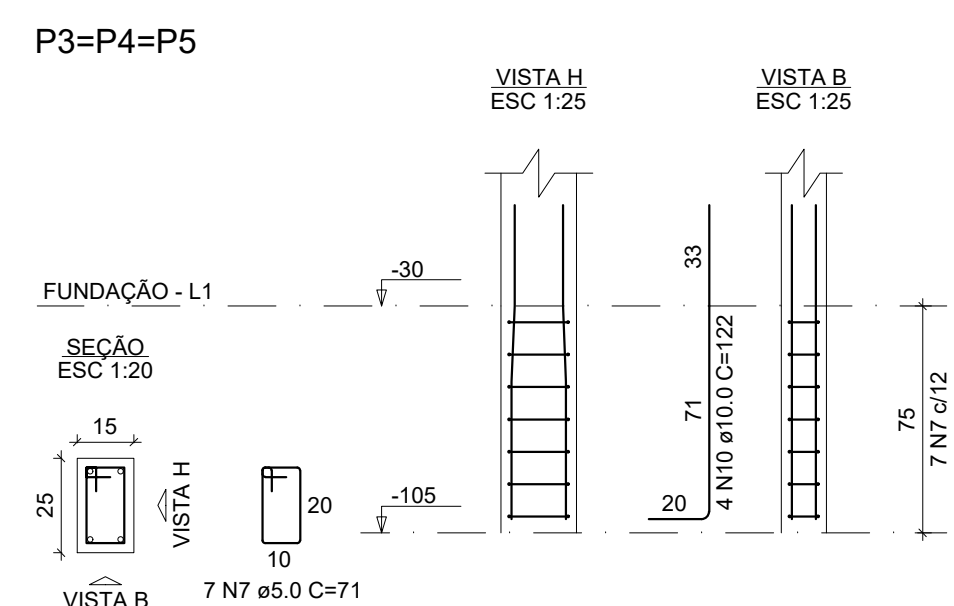
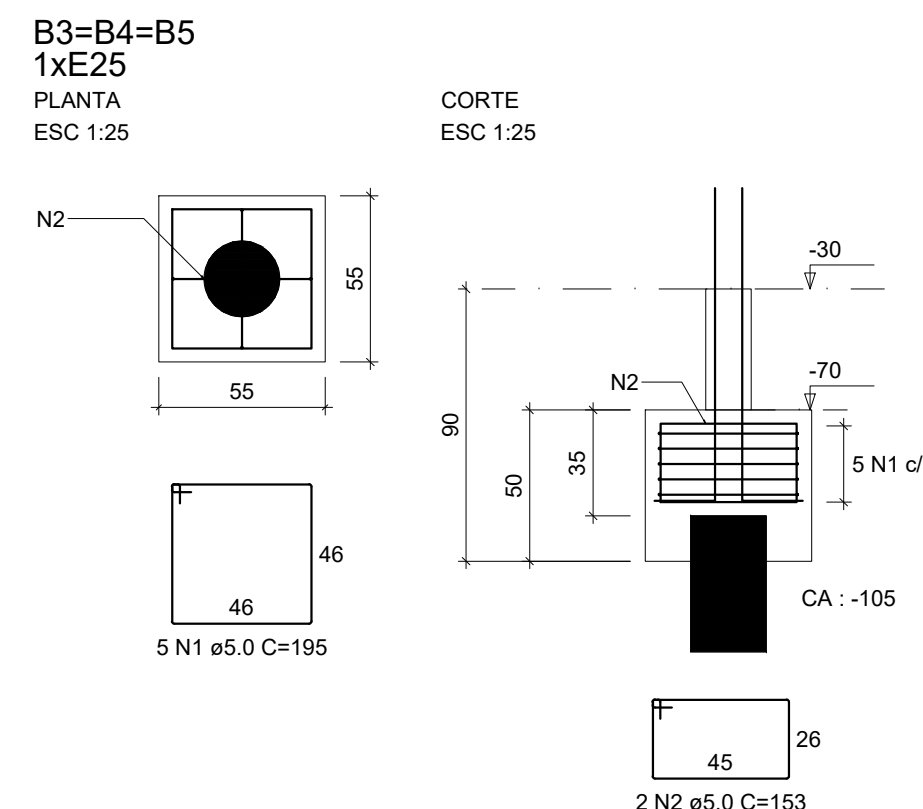
Volume de concreto (C-30) = 1.88 m³

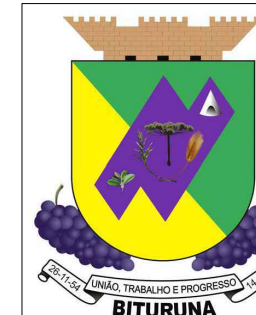
Resumo de materiais - Estacas				
Resumo do Aço				
Aço	Diâmetro (mm)	Comprimento total (m)	Barras	Peso +10% (kg)
CA50	8.0	129.80	10.82	56.97
CA60	5.0	103.12	8.6	17.47

Volume de concreto (C-25) = 1.73m³

PLANTA DE LOCAÇÃO

Escala 1:50





REFORMA ESCOLA SANTO ANTÔNIO

Projeto: **ESTRUTURAL**

Referencia: **FUNDAÇÕES**

Cidade: **Bituruna**

Estado: **Paraná**

Desenho: **Bruna**

Escola: **Indicada**

Data: **SETEMBRO/2025**

01
03

Responsável Técnico: **LUIZ RENATO FRIEDRICH DE RAMOS**
Engº Civil CREA 168233/D - PR