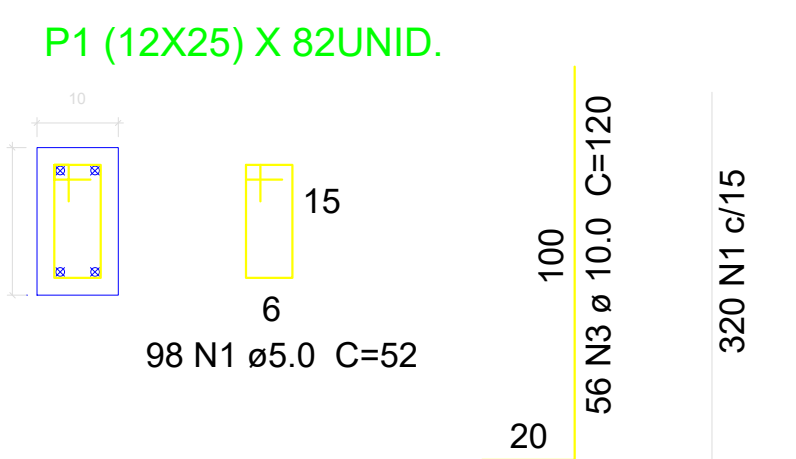
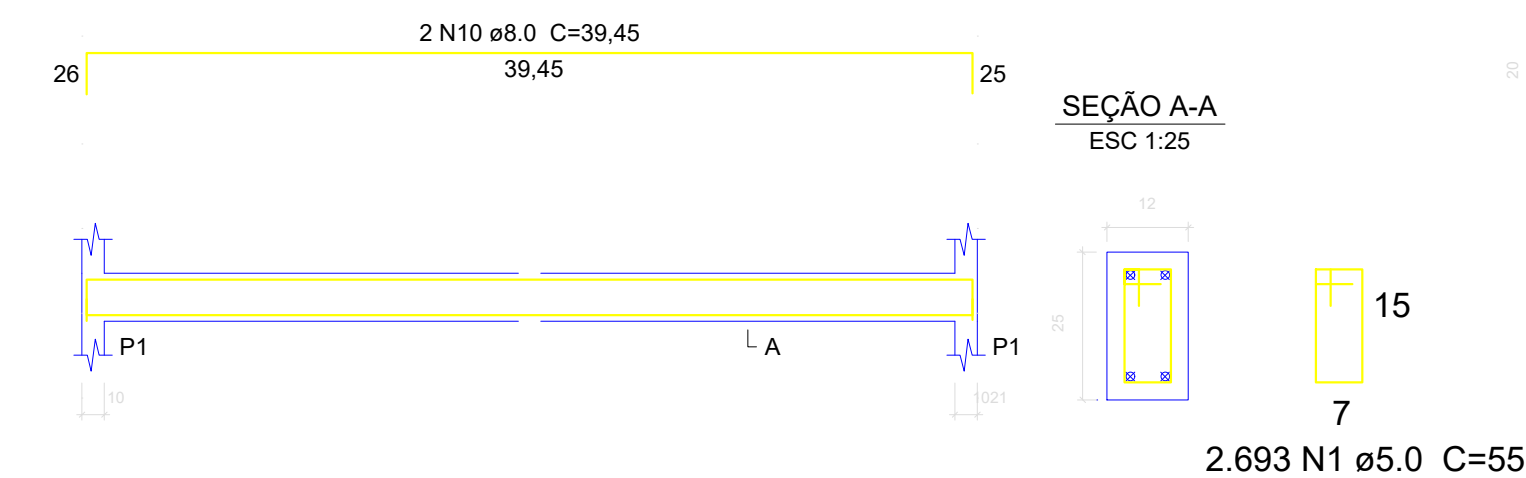
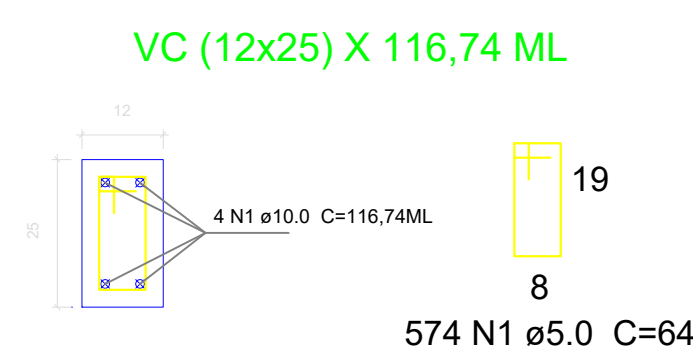
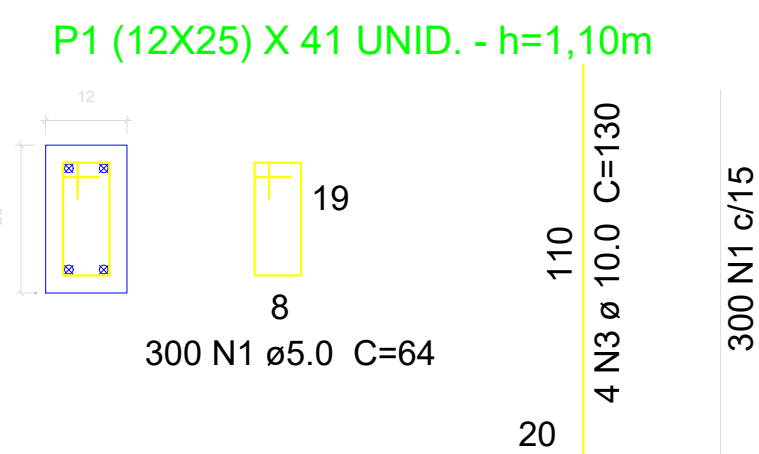
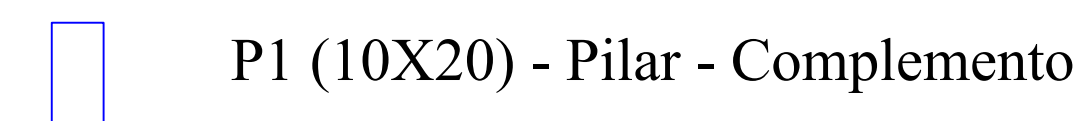


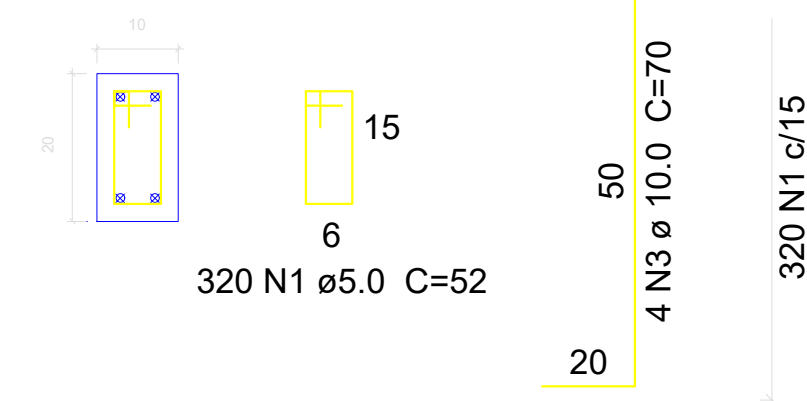
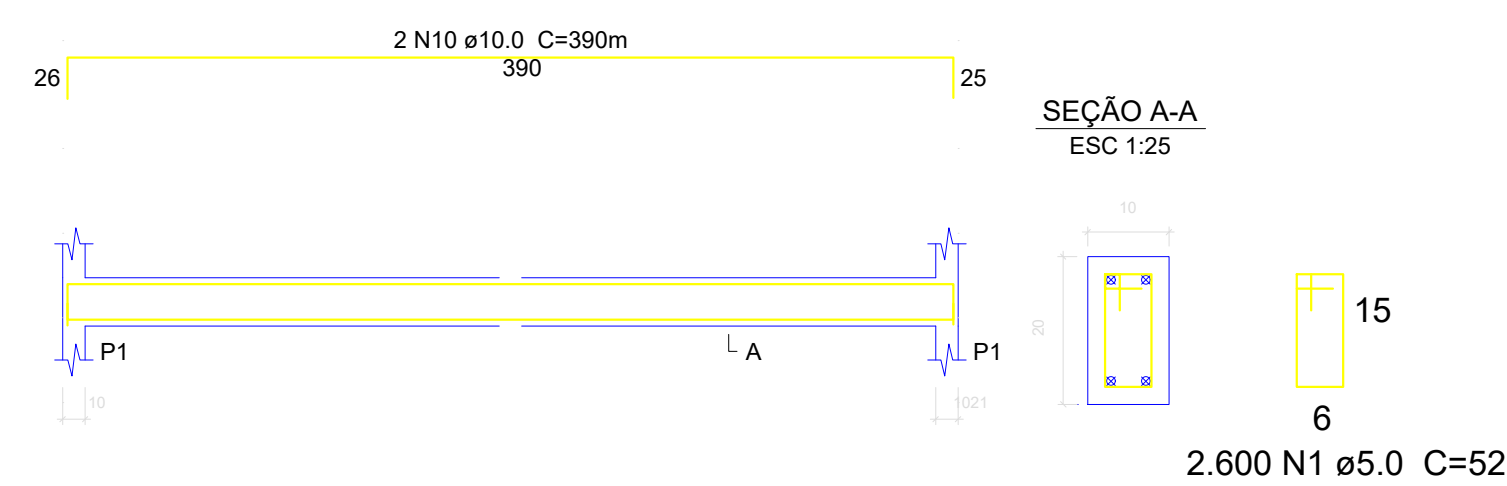


Resumo do aço			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	67.20	48,00
CA60	5.0	136.70	25,20
PESO TOTAL (kg)			
CA50	48.0		
CA60	25.2		

Volume de concreto (C-25) = 0,28 m³
Área de forma = 4,76 m²



□ V (10X20) - Viga - Construir

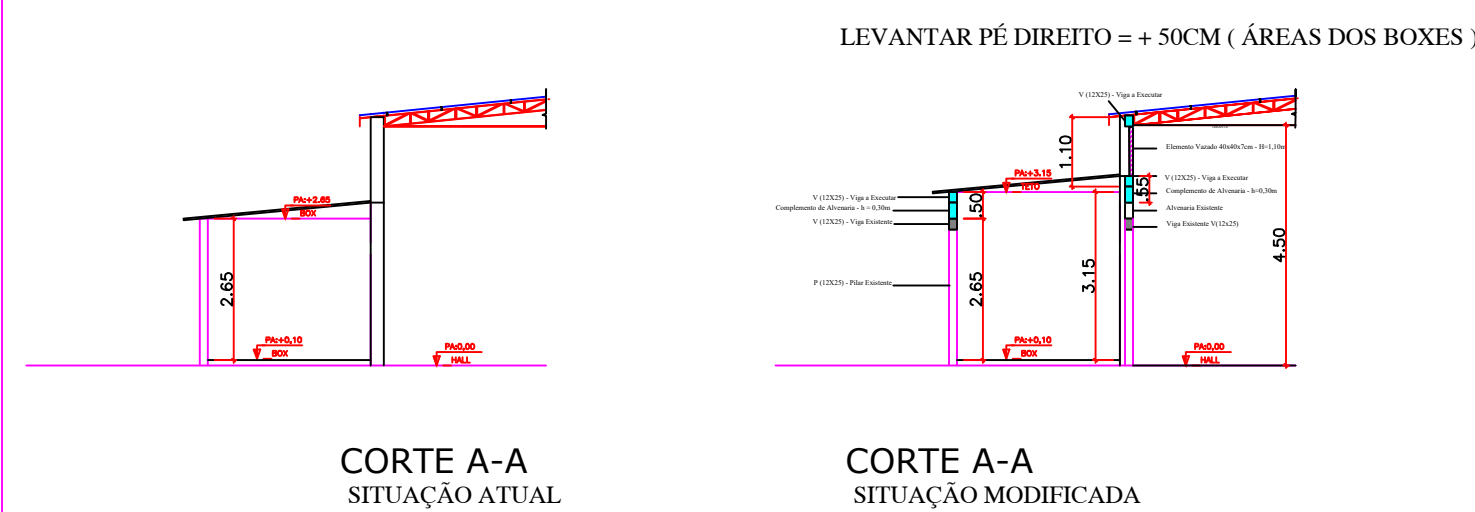
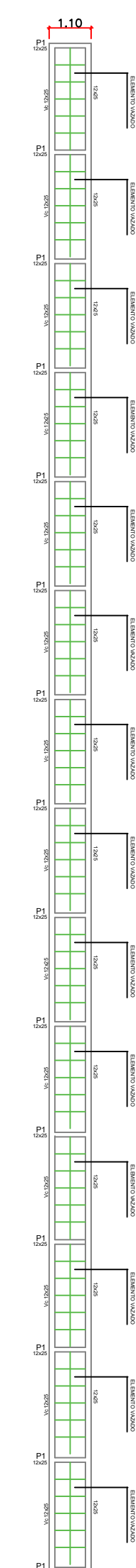
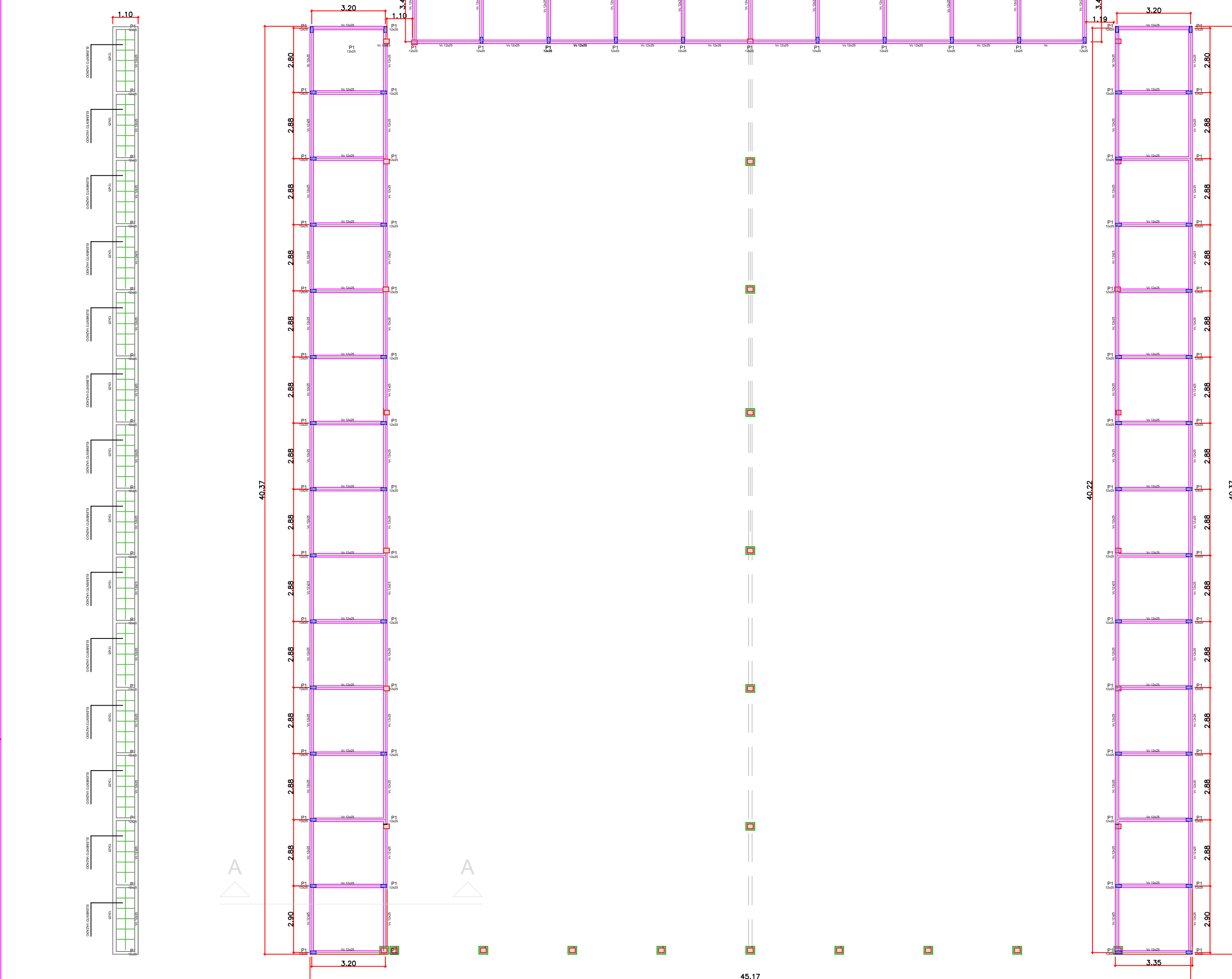


Resumo do aço			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	1.560	703,00
CA60	5.0	1.352	229,00
PESO TOTAL (kg)			
CA50	703.0		
CA60	229.0		

Volume de concreto (C-25) = 7,80 m³
Área de forma = 132,60 m²

Resumo do aço			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	1.752	790,00
CA60	5.0	1.518	257,20
PESO TOTAL (kg)			
CA50			790,00
CA60			257,20

Volume de concreto (C-25) = 9,72 m³
Área de forma = 165,00 m²



 P1 (12X25) - Pilar Existente
 V (12X25) - Viga Existente

ALVENARIA : (0,50M + 0,50M) X 390 ML : 390,00 M²

ELEMENTO VAZADO : (40X40X7)CM : 1,10 M X 116,74 ML : 125,91 M²