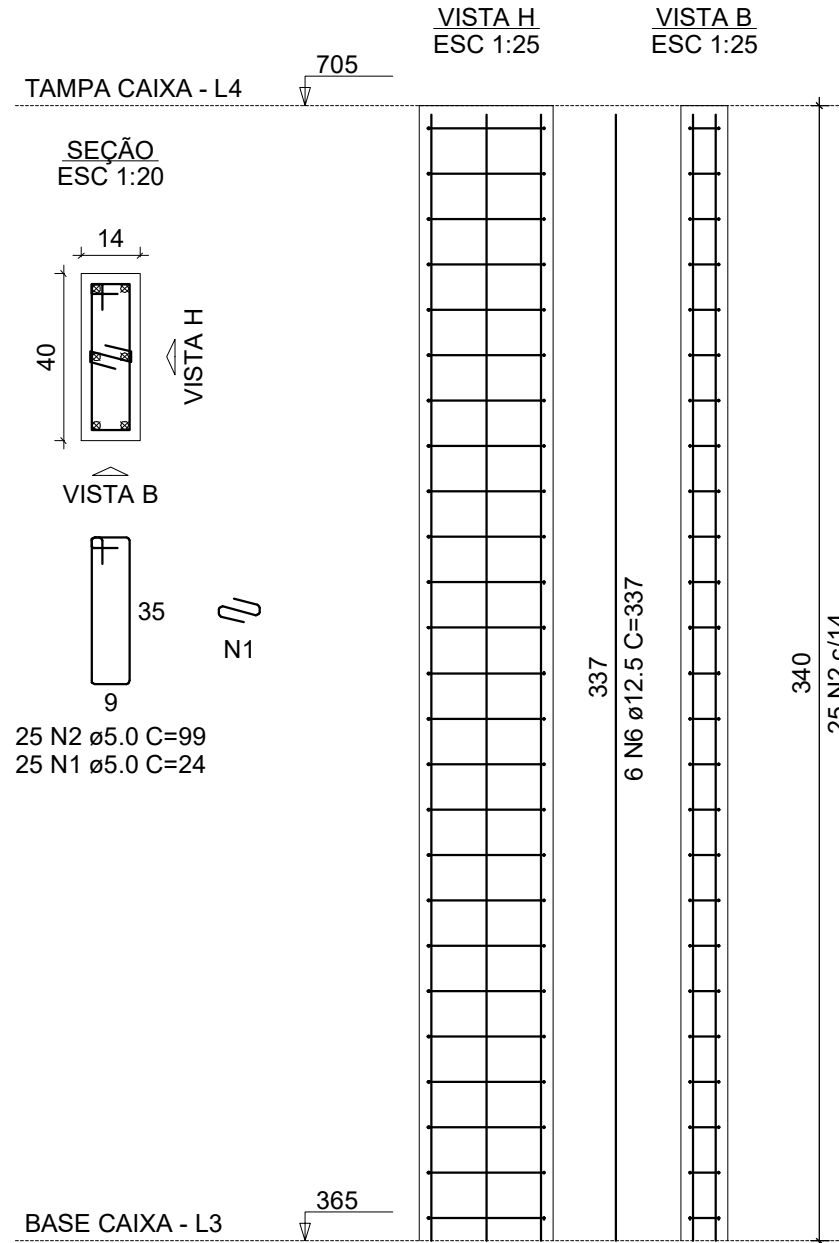
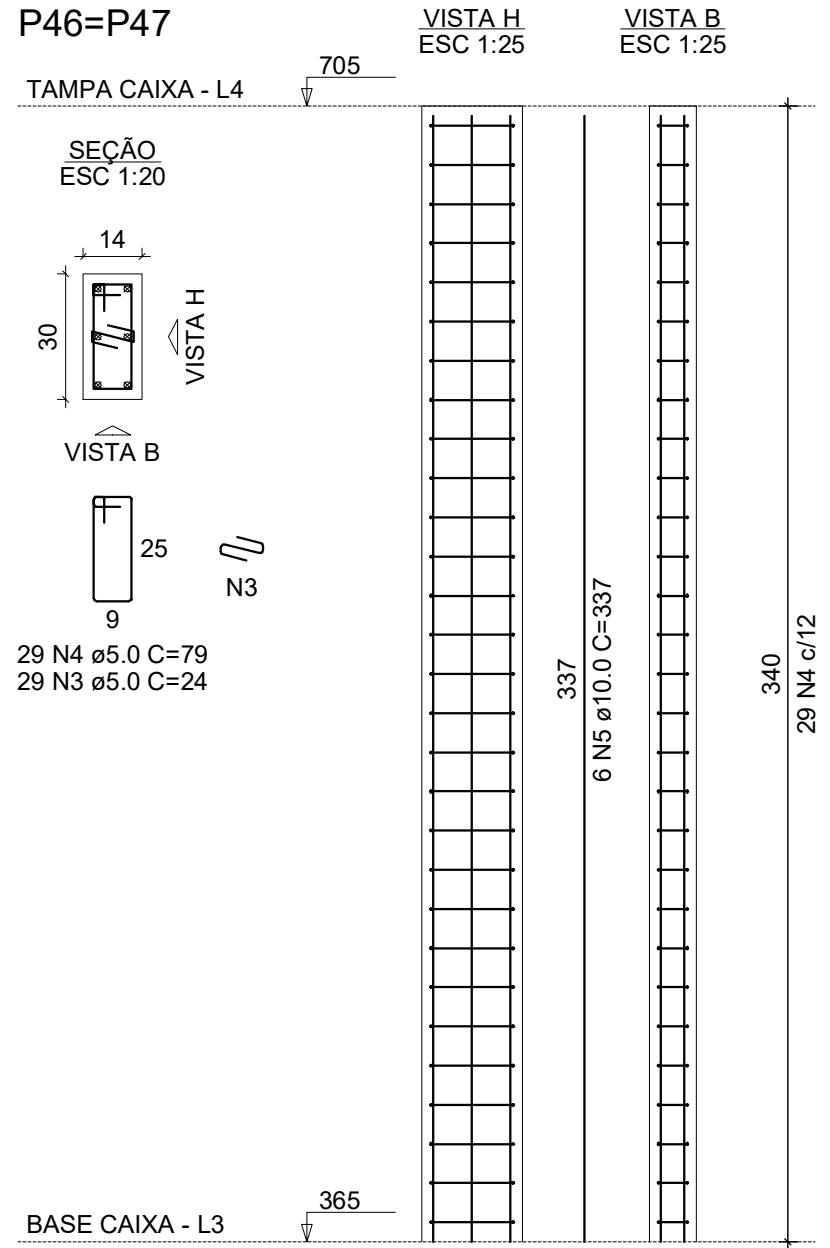


P30=P31=P36=P37



P46=P47



RELAÇÃO DO AÇO

4xP30

2xP46

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	100	24	2400
	2	5.0	100	99	9900
	3	5.0	58	24	1392
	4	5.0	58	79	4582
CA50	5	10.0	12	337	4044
	6	12.5	24	337	8088

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	10.0	40.4	4	27.4
	12.5	80.9	8	85.7
CA60	5.0	182.7	17	31
PESO TOTAL (kg)				
CA50	113.1			
CA60	31			

Volume de concreto (C-25) = 1.05 m³

Área de forma = 20.67 m²