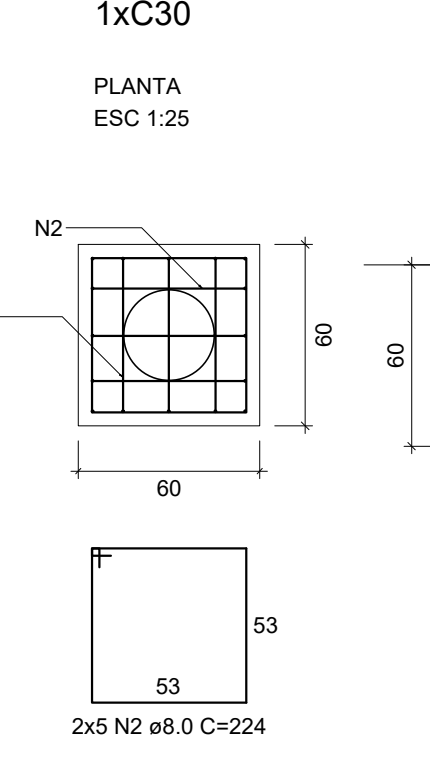


BLOCO - 1 (60x60x60)
P1=P2
1x C30



RELAÇÃO DO AÇO

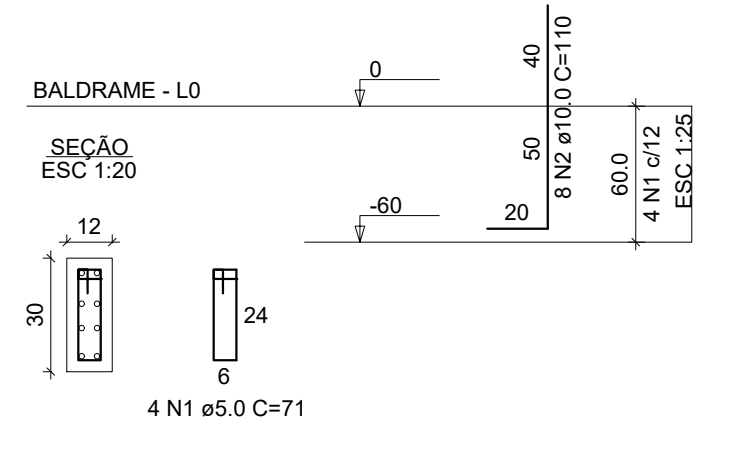
ACO	N	DIAM (mm)	QUANT	C UNIT (cm)	C TOTAL (cm)
CAO	1	5.0	10	24	240
CAO	2	8.0	20	224	4480

RESUMO DO AÇO

ACO	DIAM (mm)	C TOTAL (cm)	PESO (kg)
CAO	8.0	44.8	17.7
CAO	5.0	24	3.3
PESO TOTAL			21.0
CAO	17.7		
CAO	3.3		

Volume de concreto (C-30) = 0.43 m³
Área de forma = 2.88 m²

P1=P2



RELAÇÃO DO AÇO

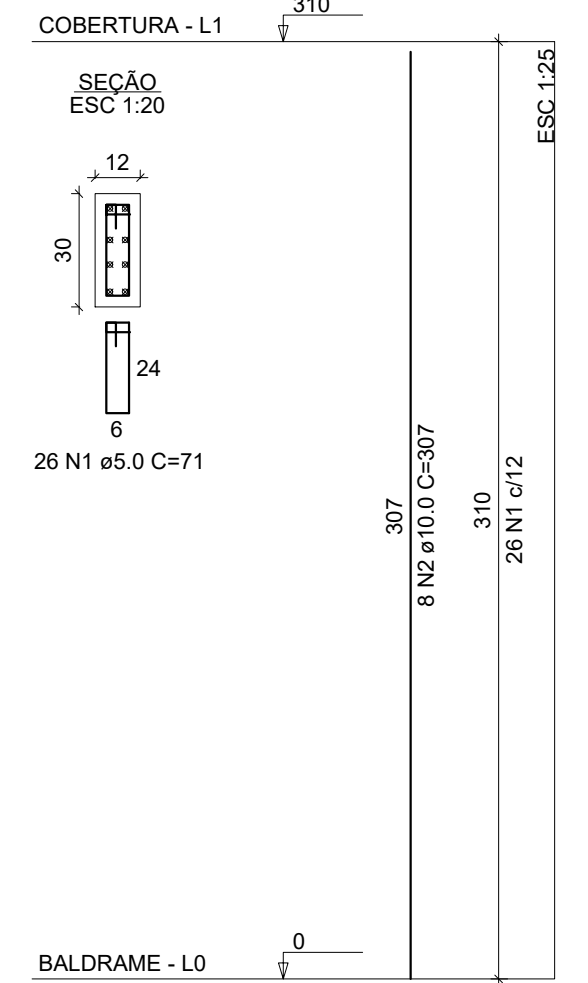
ELEMENTO	ACO	N	DIAM (mm)	QUANT	C UNIT (cm)	C TOTAL (cm)
2xP1	CAO	1	5.0	8	71	568
CAO	2	10.0	16	110	1760	

RESUMO DO AÇO

ACO	DIAM (mm)	C TOTAL (cm)	PESO (kg)
CAO	10.0	17.6	11.0
CAO	5.0	5.7	0.9
PESO TOTAL			11.9
CAO	11.0		
CAO	0.9		

Volume de concreto (C-30) = 0.22 m³
Área de forma = 5.21 m²

P1=P2



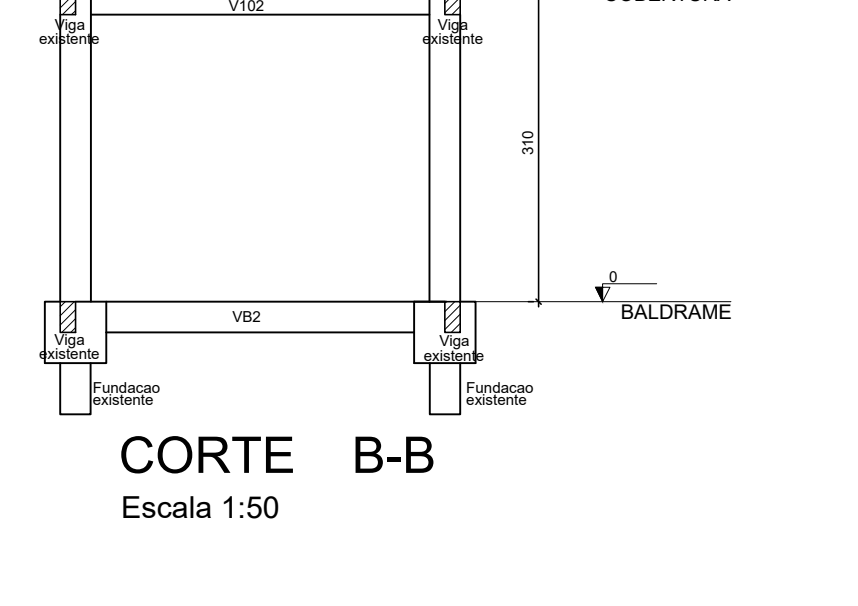
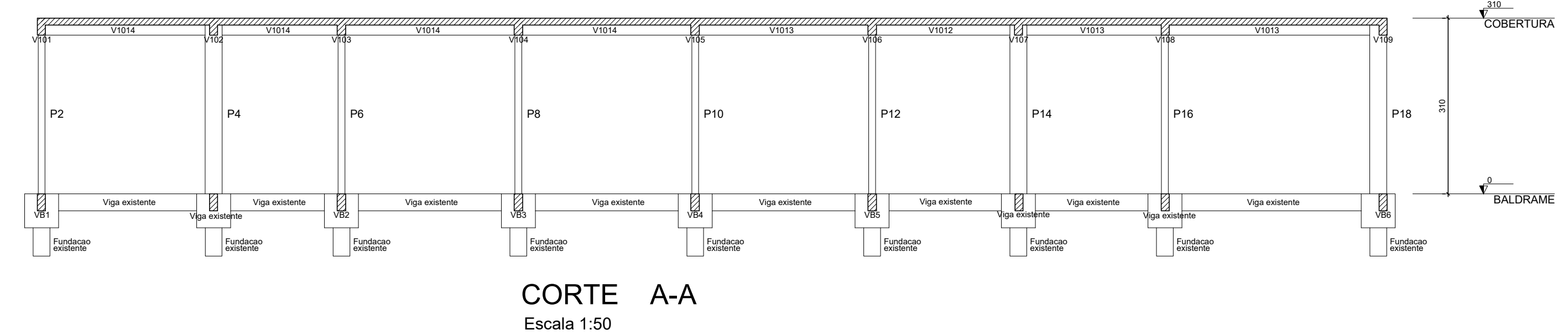
RELAÇÃO DO AÇO

ELEMENTO	ACO	N	DIAM (mm)	QUANT	C UNIT (cm)	C TOTAL (cm)
2xP1	CAO	1	5.0	52	71	3692
CAO	2	10.0	16	307	1760	4912

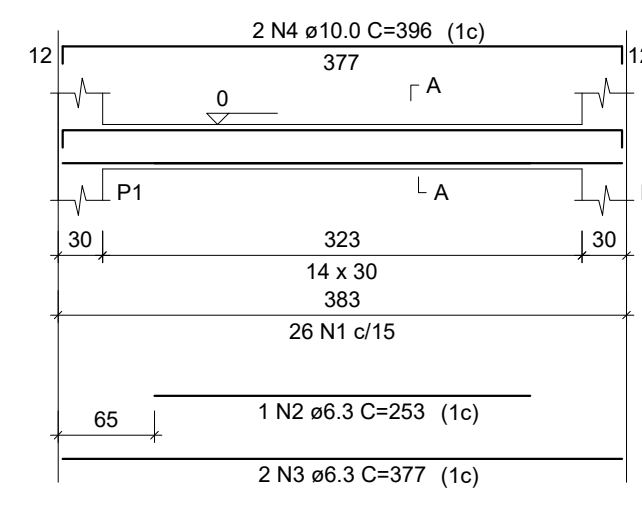
RESUMO DO AÇO

ACO	DIAM (mm)	C TOTAL (cm)	PESO (kg)
CAO	10.0	48.1	30.3
CAO	5.0	38.9	5.7
PESO TOTAL			36.0
CAO	30.3		
CAO	5.7		

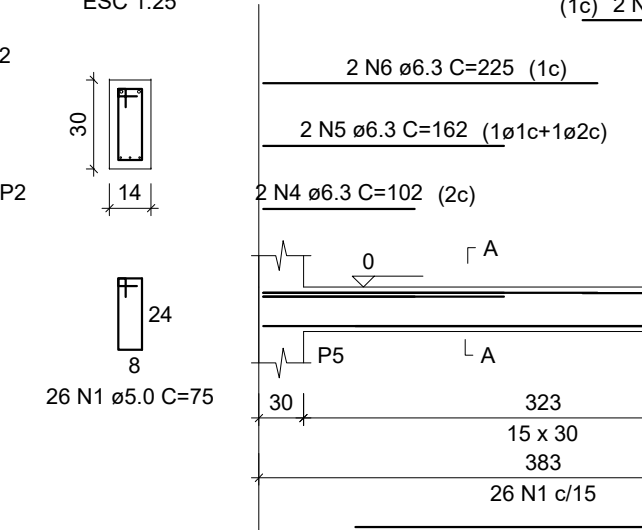
Volume de concreto (C-30) = 0.22 m³
Área de forma = 5.21 m²



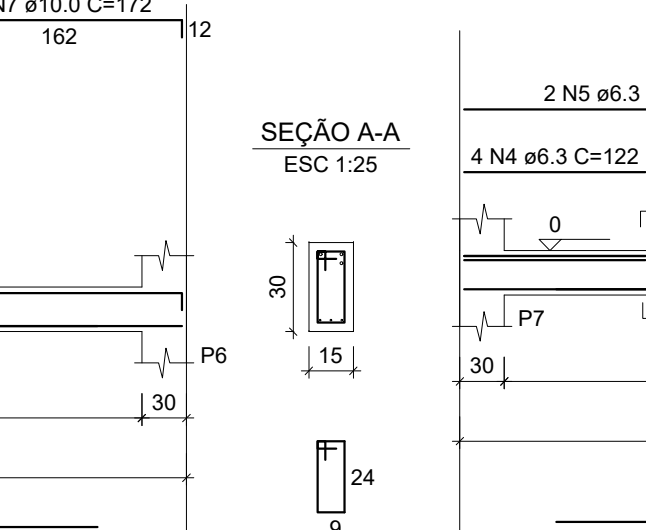
VB1



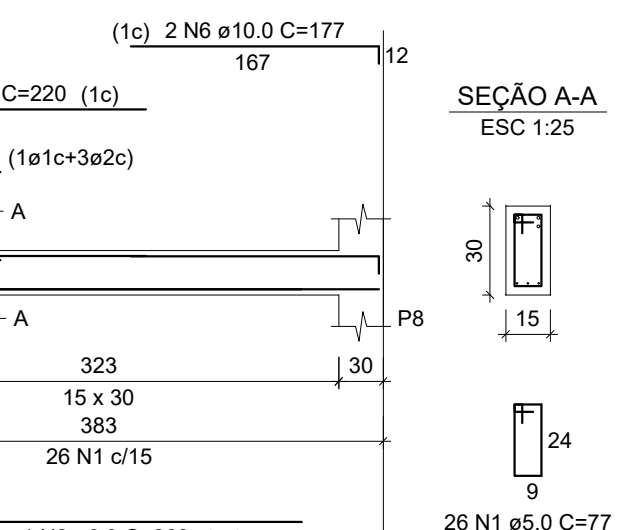
VB2



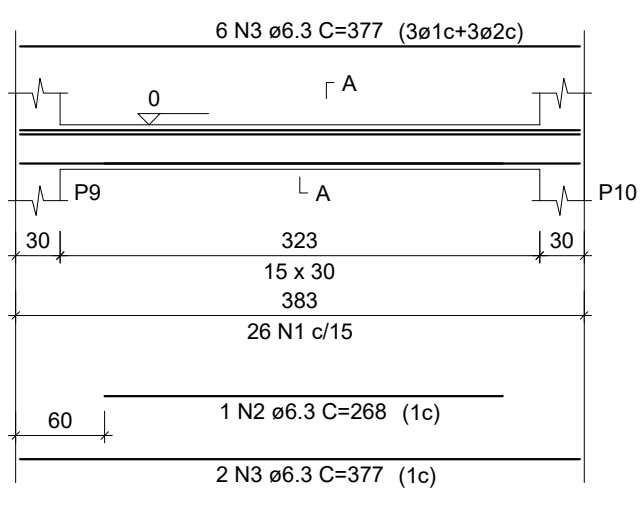
VB3



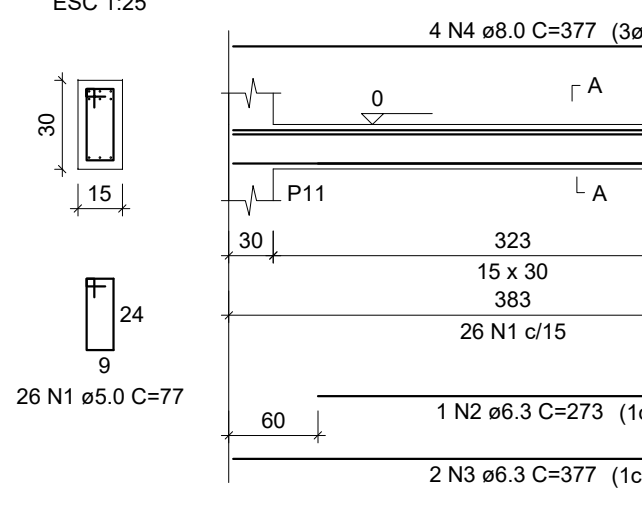
VB4



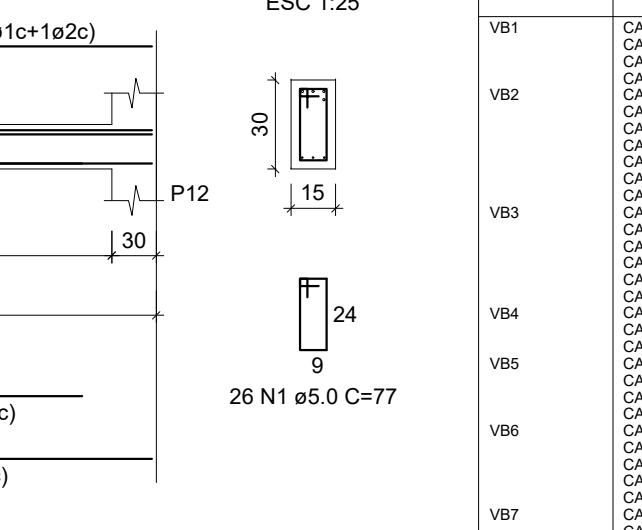
VB5



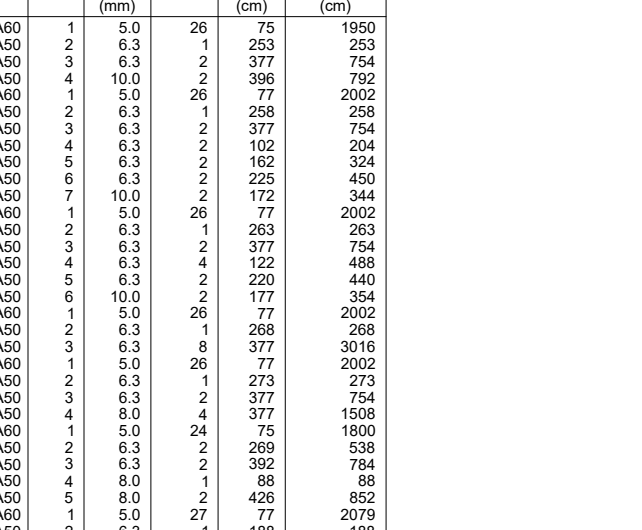
VB6



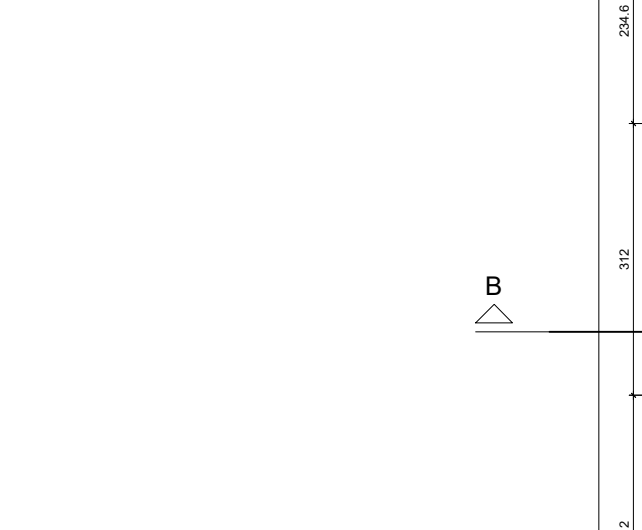
VB7



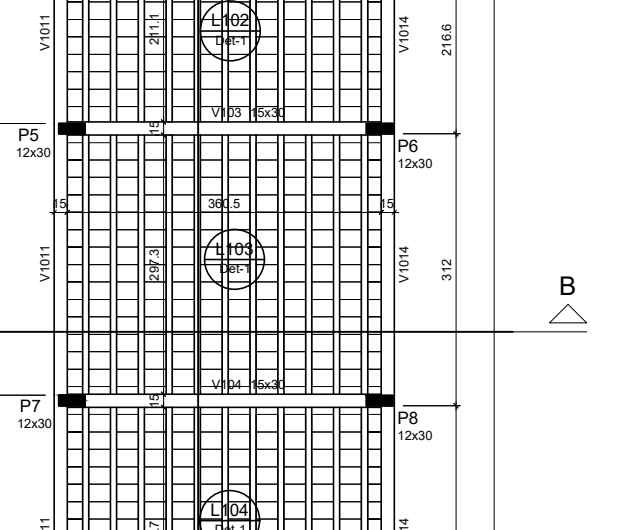
VB8



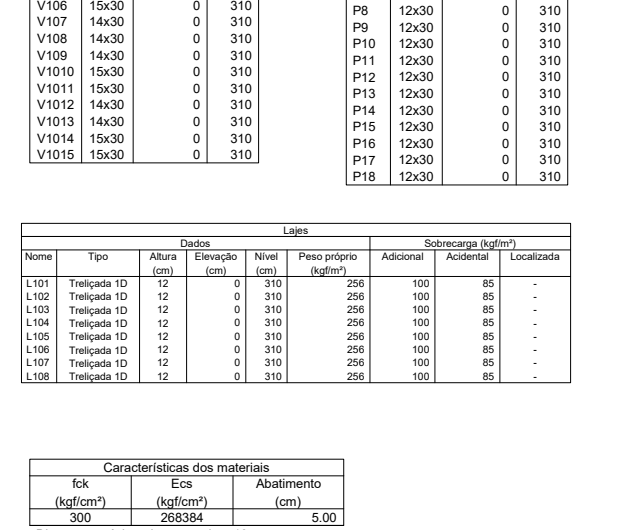
VB9



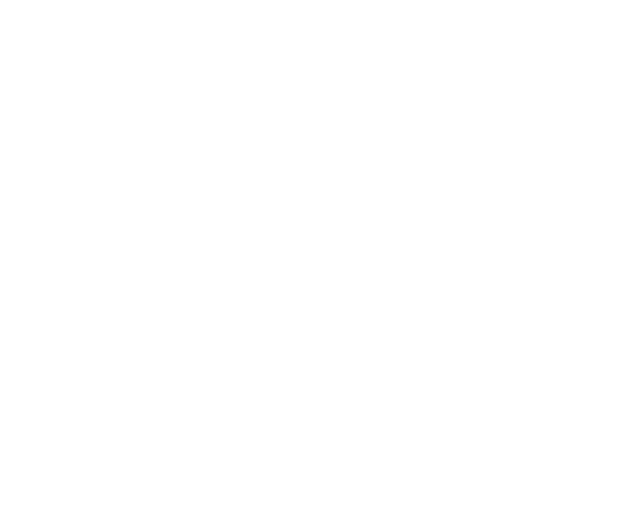
VB10



VB11



VB12



VB13



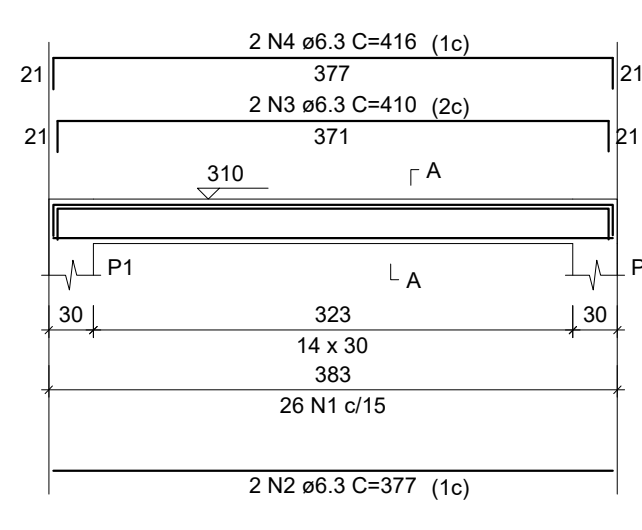
VB14



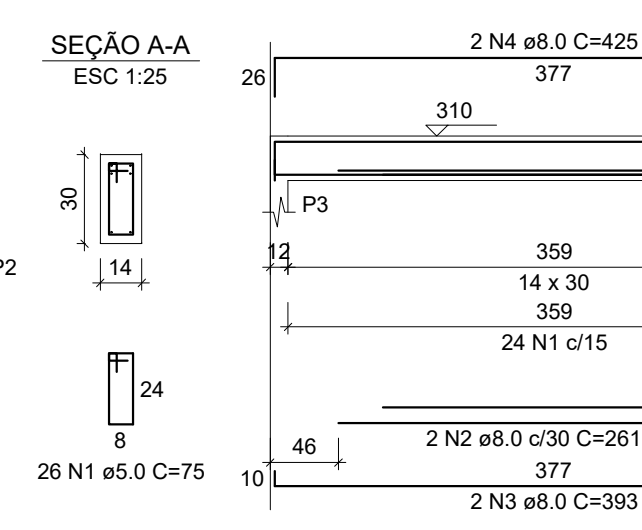
VB15



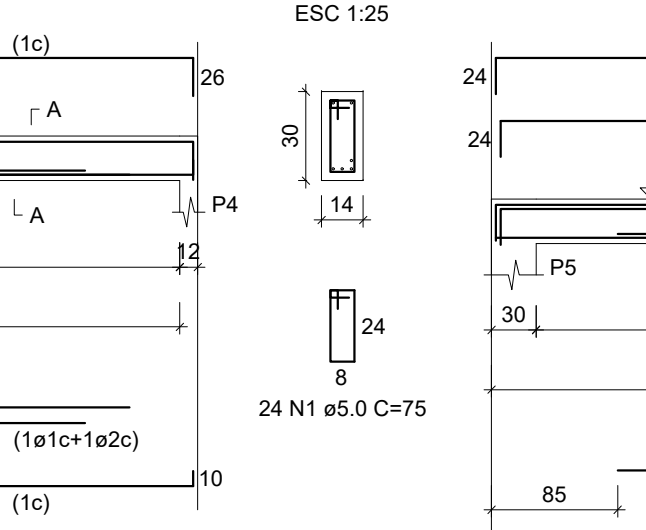
V101



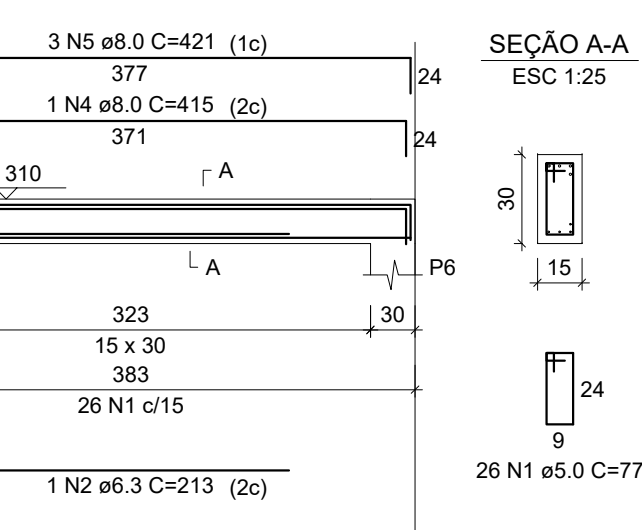
V102



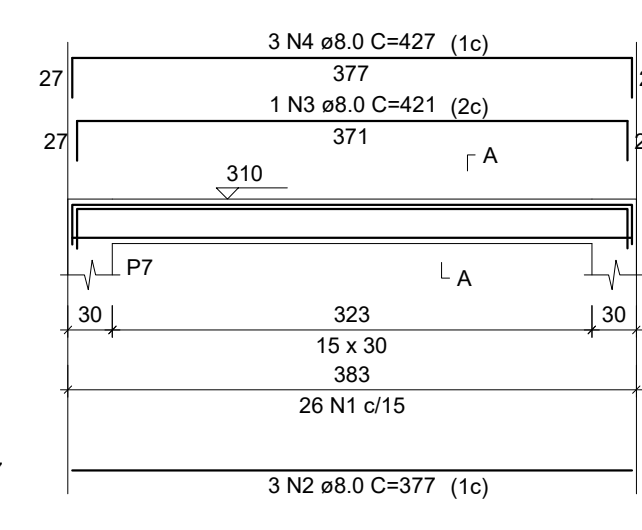
V103



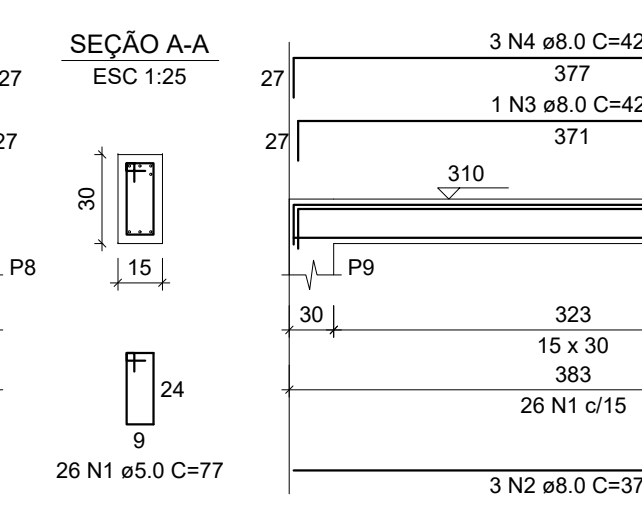
V104



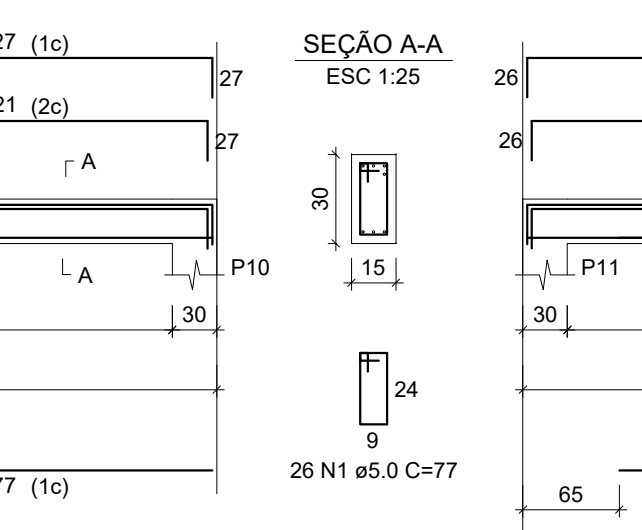
V105



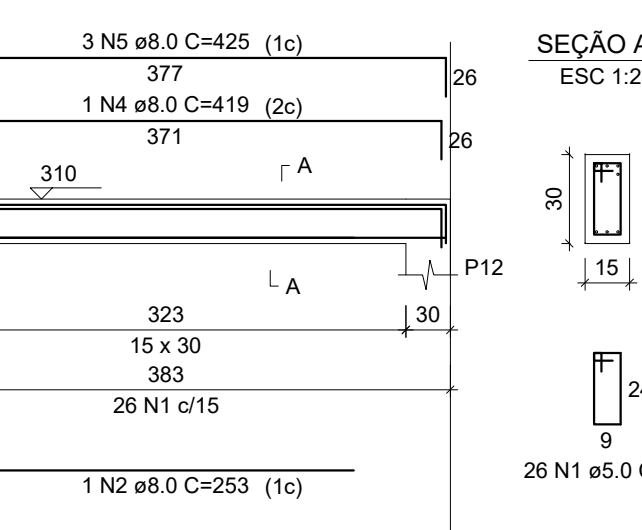
V106



V107



V108



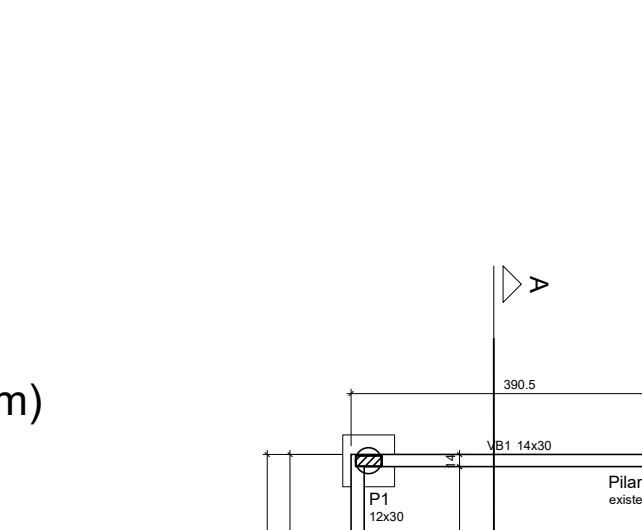
V109



V110



V111



V112



V113



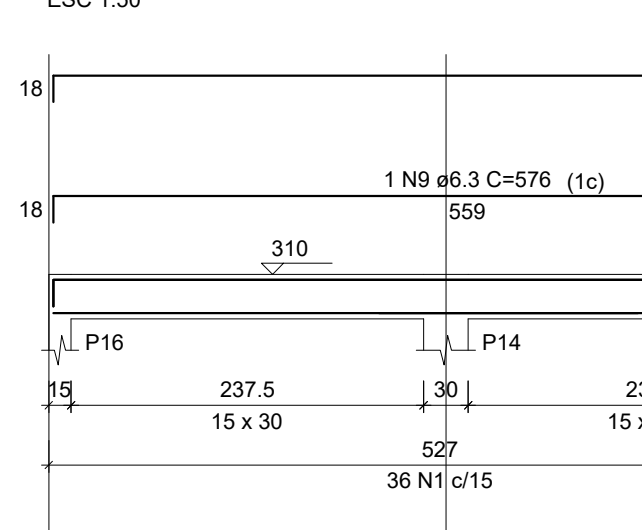
V114



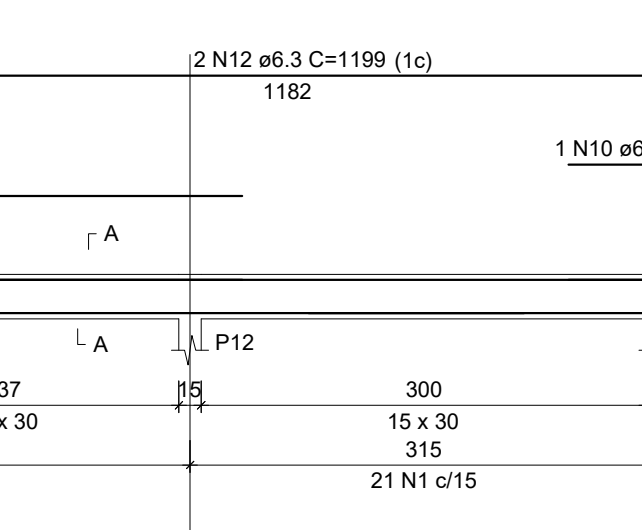
V115



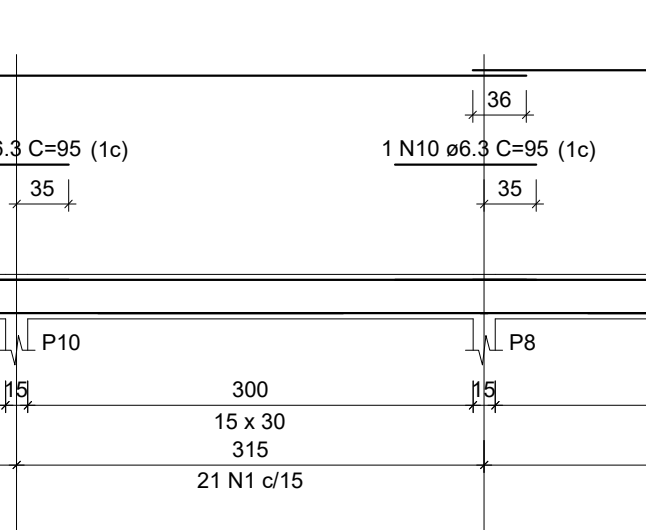
V1014



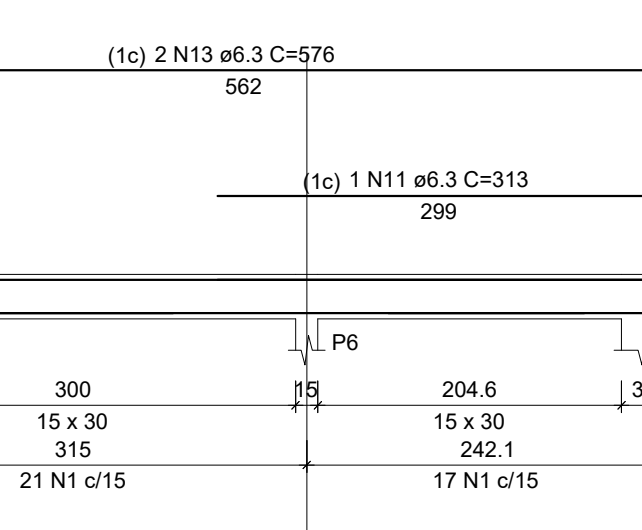
V1015



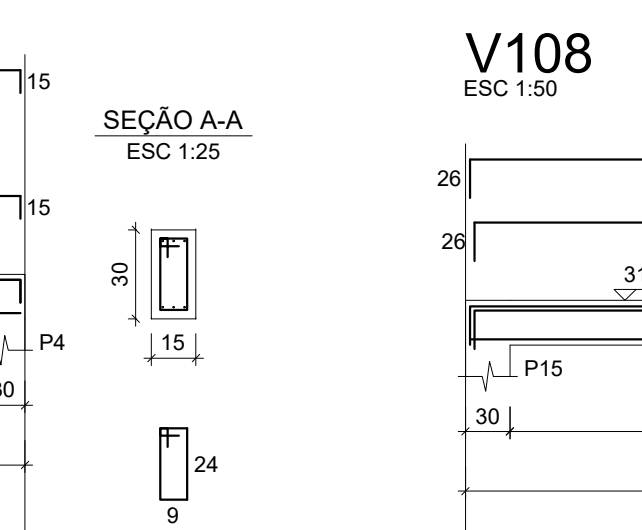
V1016



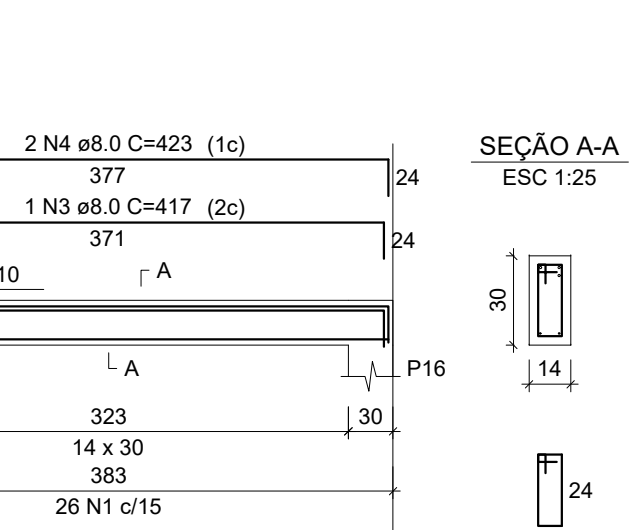
V1017



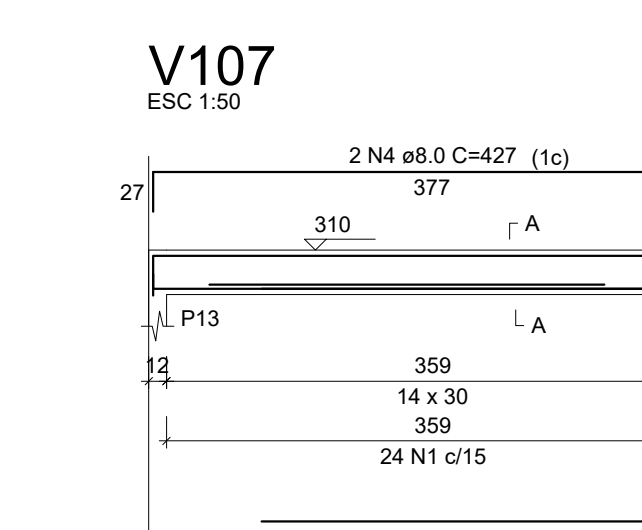
V1018



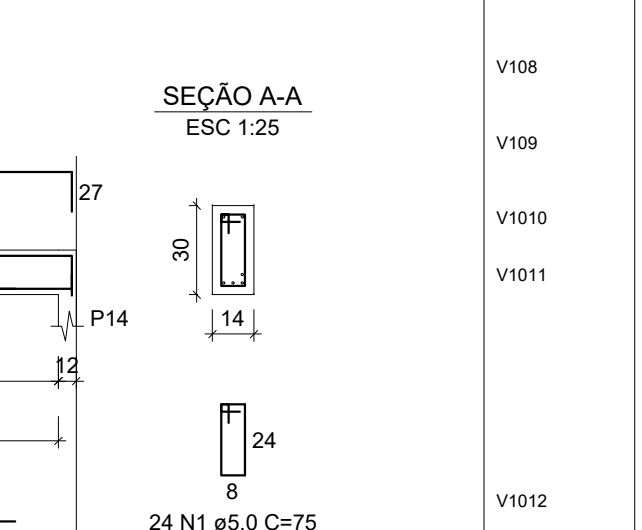
V1019



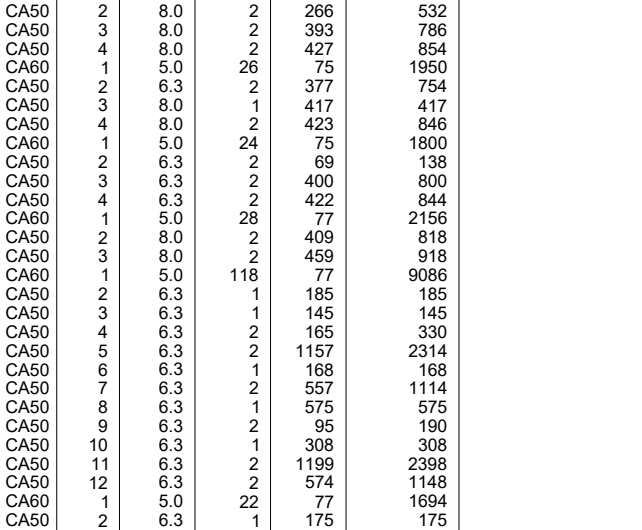
V1020



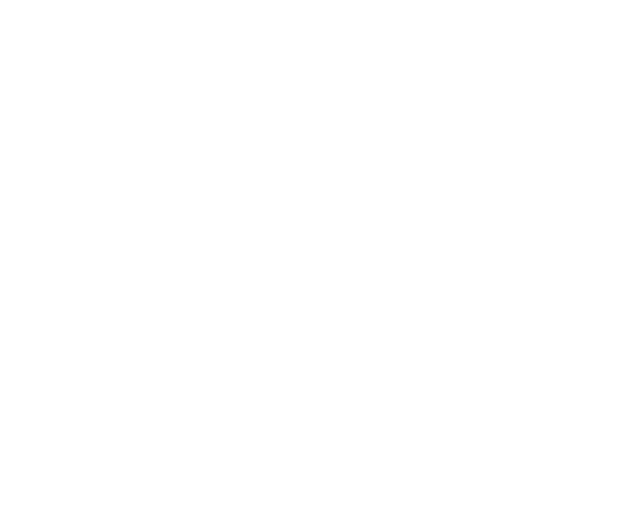
V1021



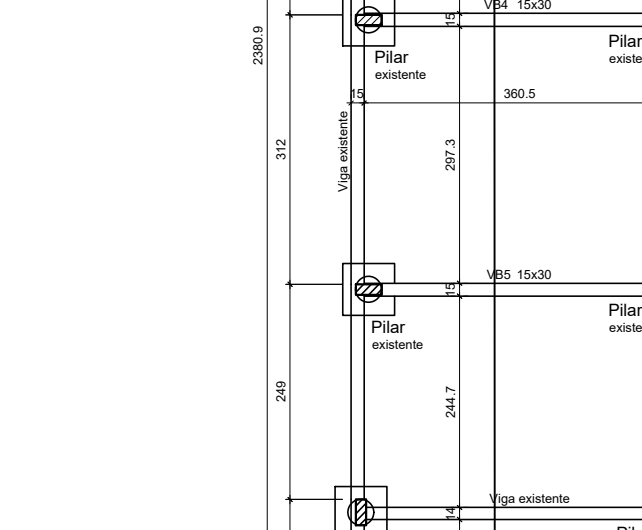
V1022



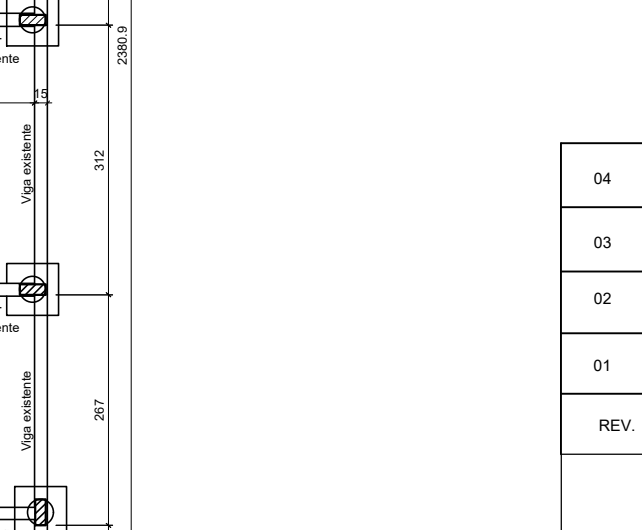
V1023



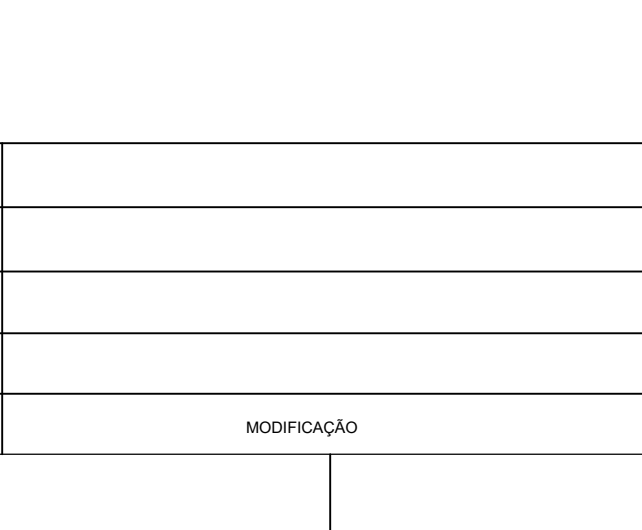
V1024



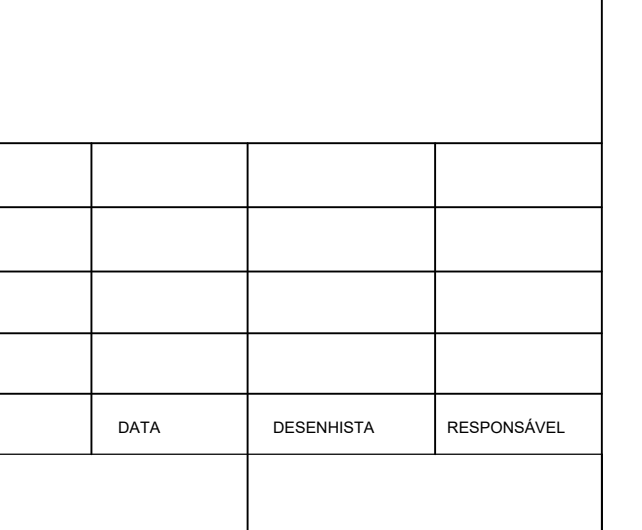
V1025



V1026



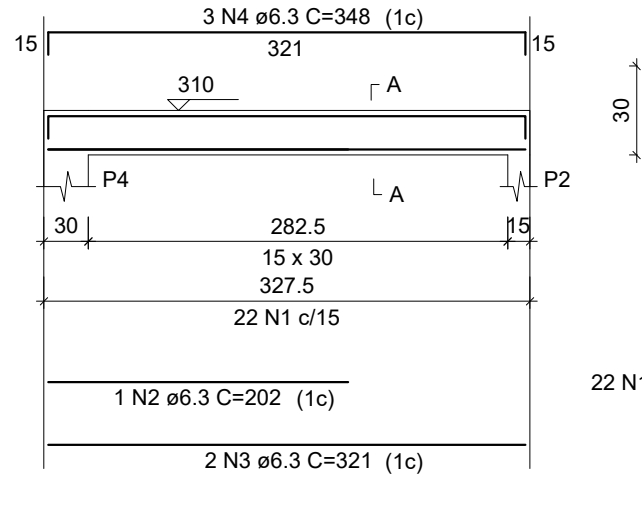
V1027



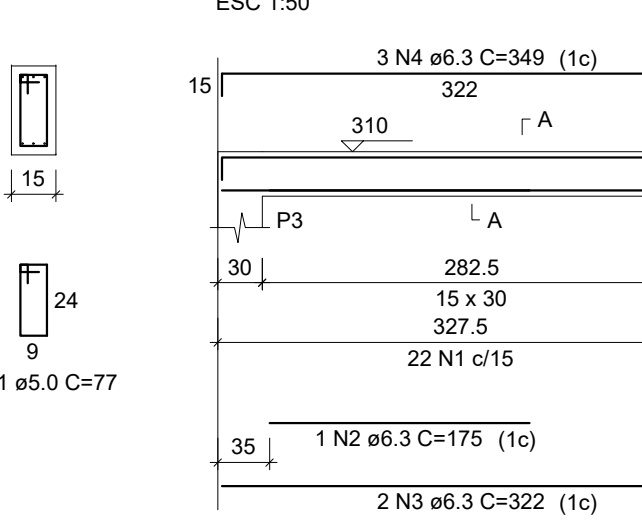
V1028



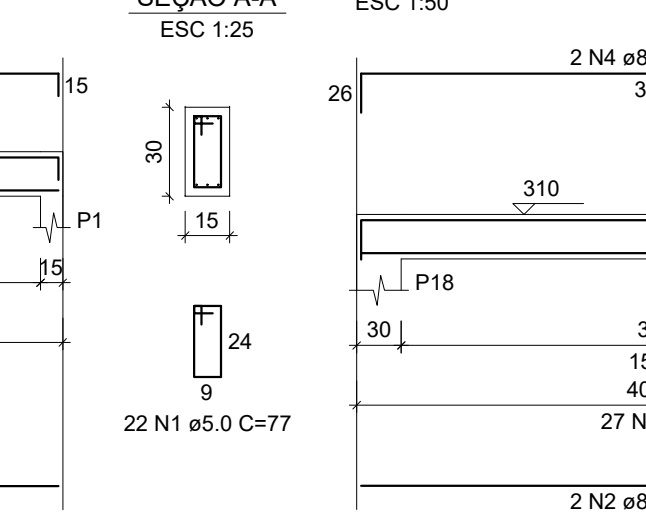
V1015



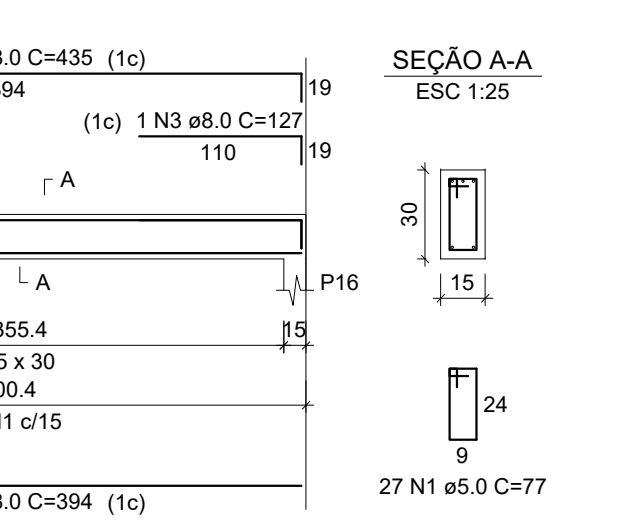
V1016



V1017



V1018



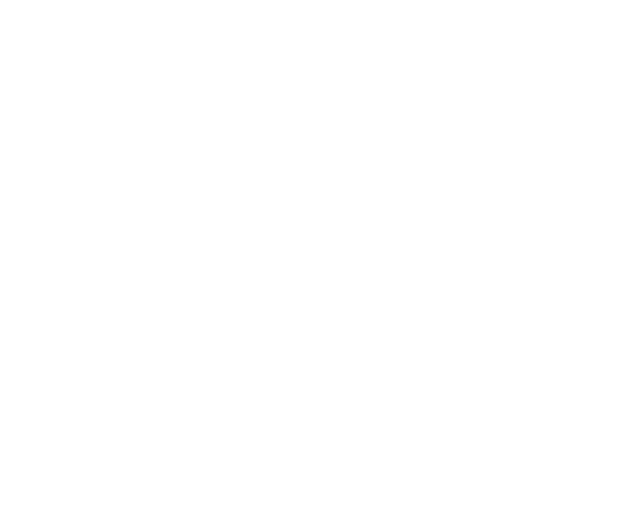
V1019



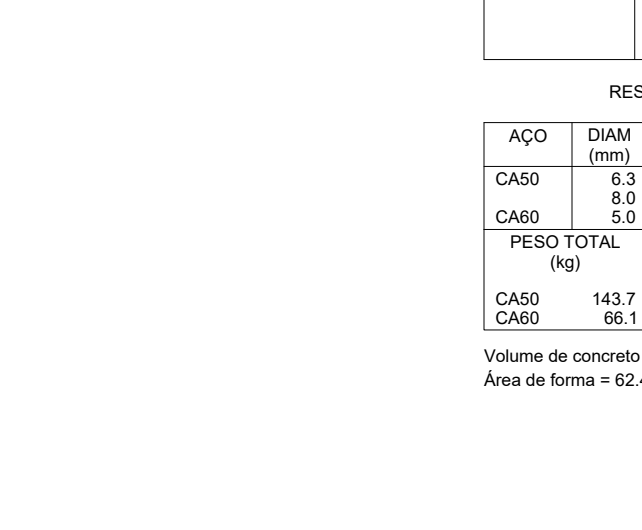
V1020



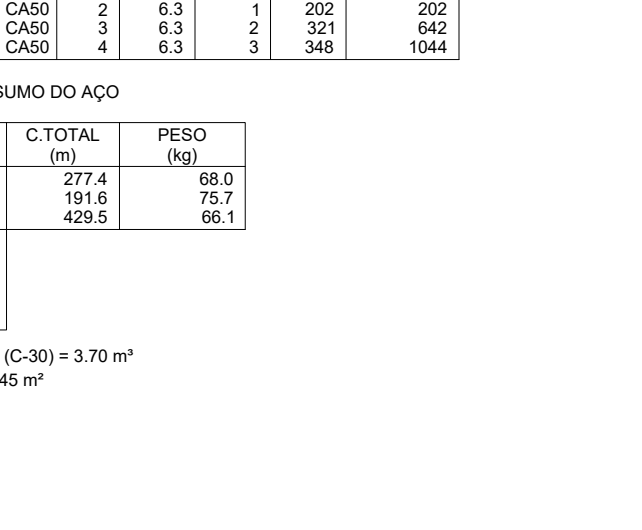
V1021



V1022



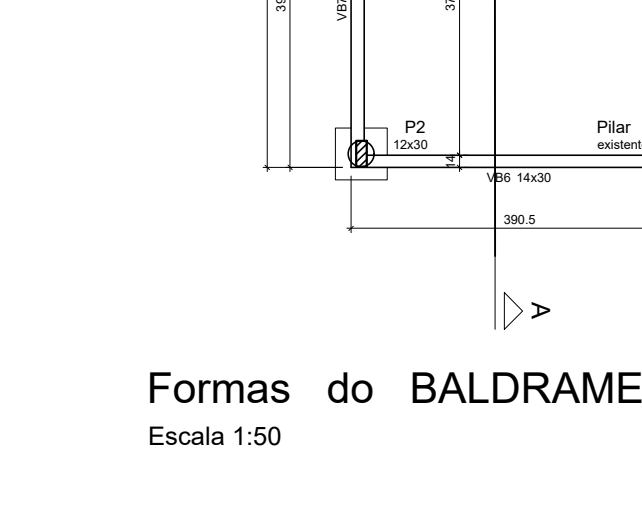
V1023



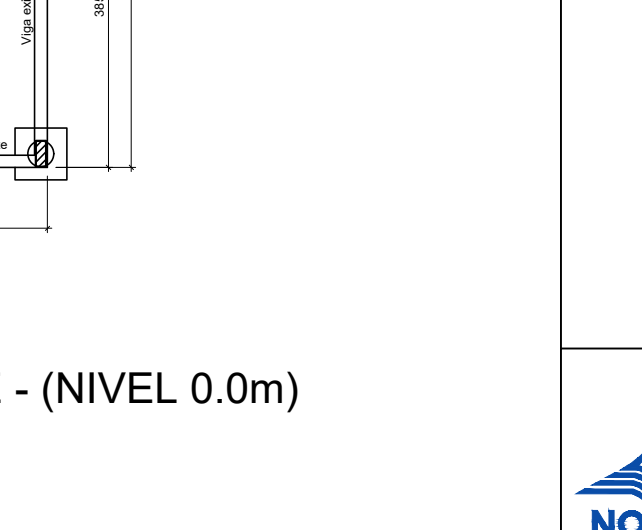
V1024



V1025



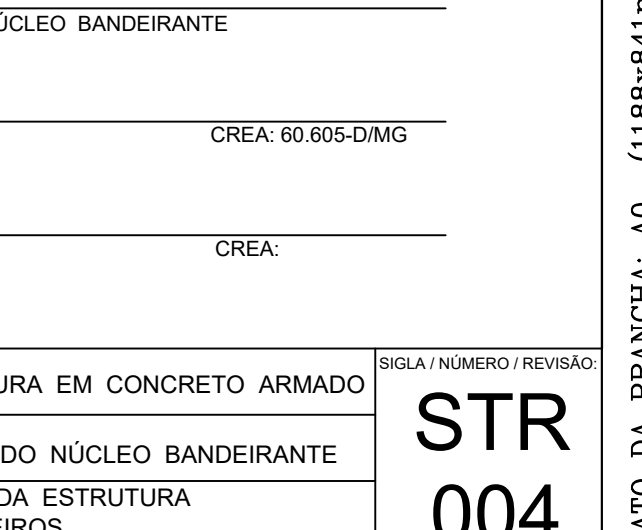
V1026



V1027



V1028



V1029

