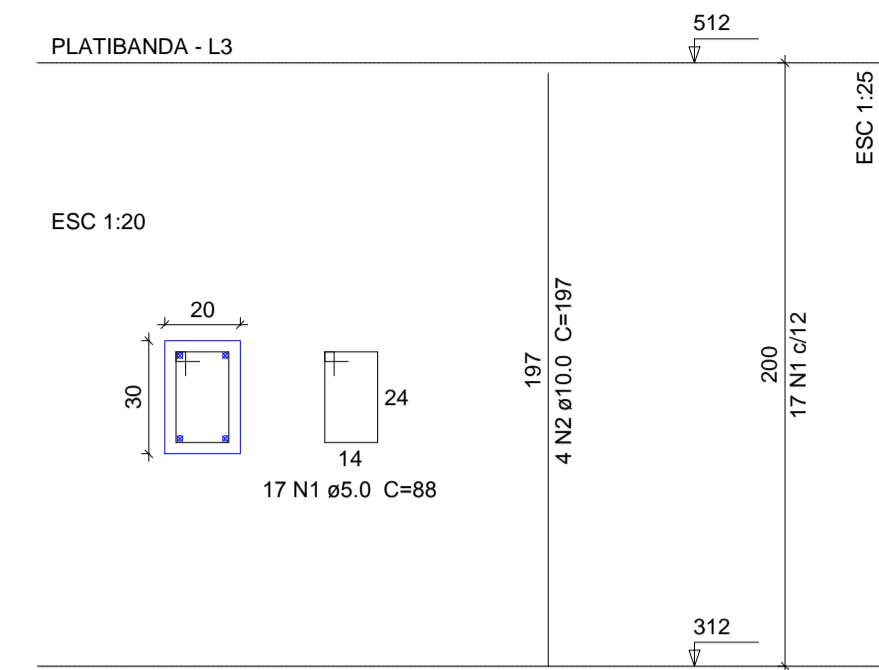
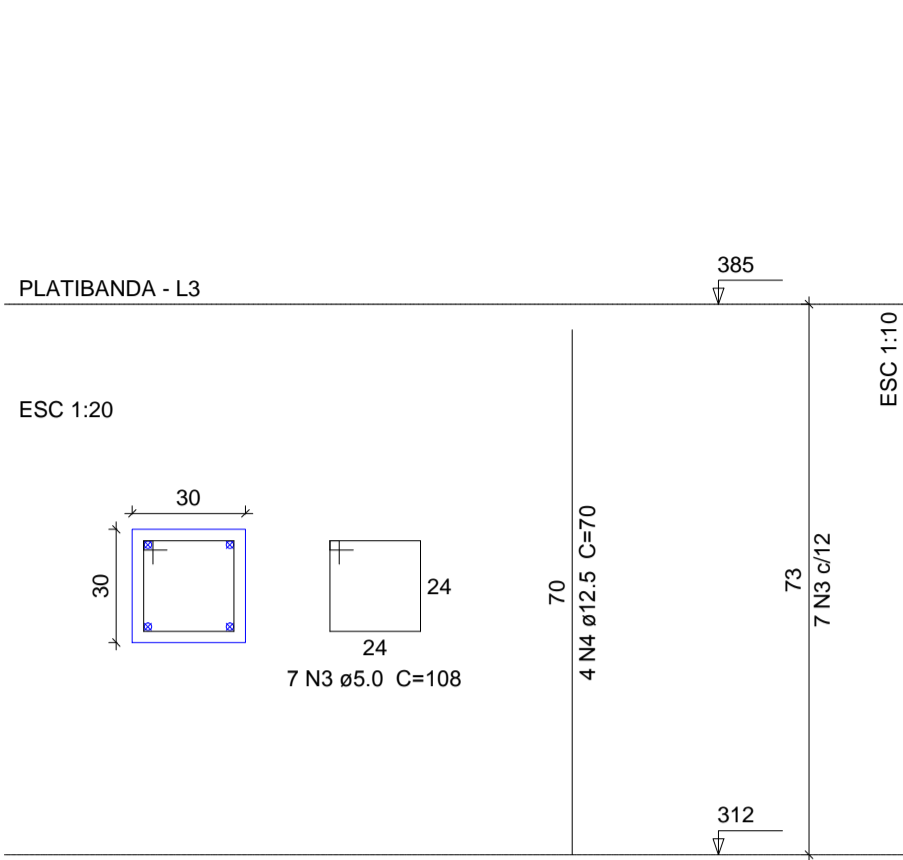


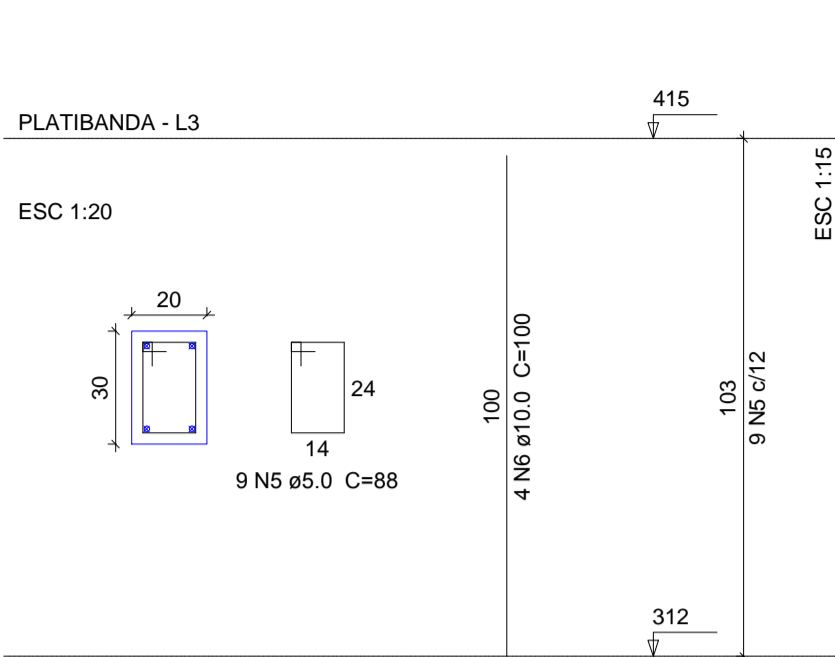
P1=P2=P3=P4=P5=P6=P7=P8



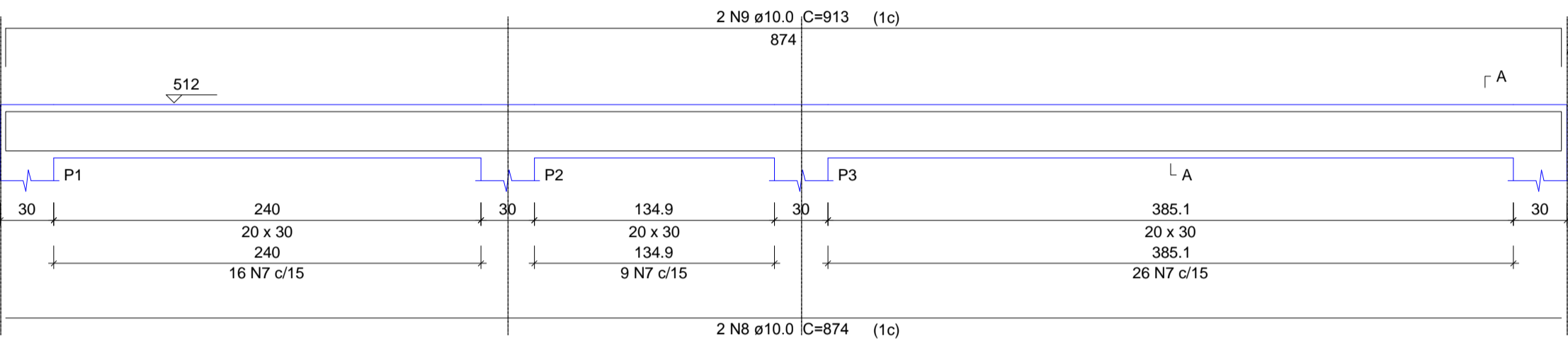
P9=P12=P13=P22=P28



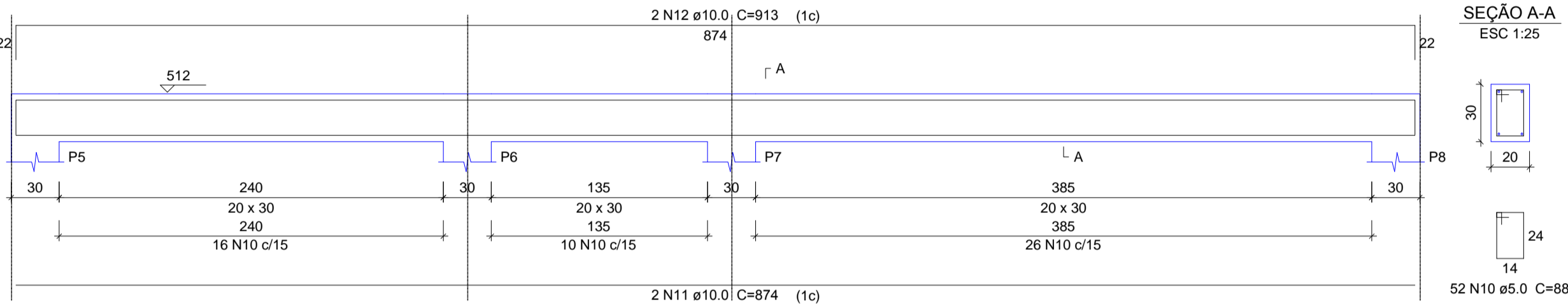
P14=P18=P23=P25



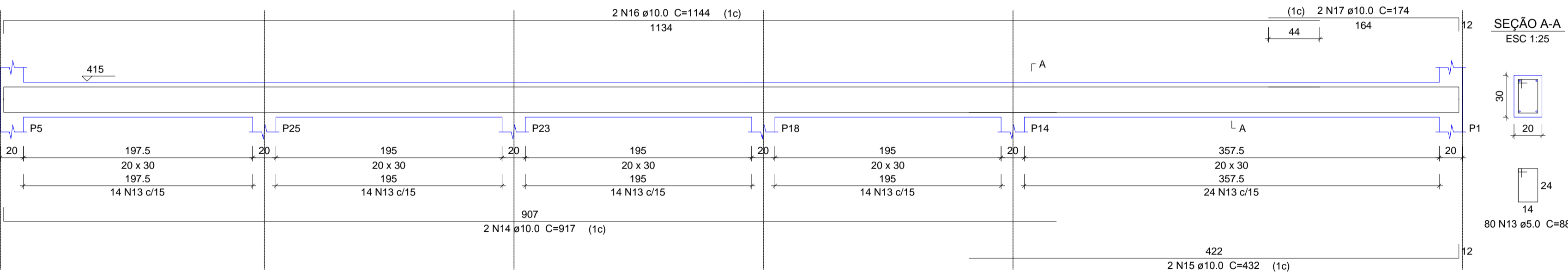
V1
ESC 1:30



V2
ESC 1:30



V3
ESC 1:30



Relação do aço						
ELEMENTO	AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
8xP1	CA60	1	5.0	136	88	11968
	CA50	2	10.0	32	197	6304
5xP9	CA60	3	5.0	35	108	3780
	CA50	4	12.5	20	70	1400
4xP14	CA60	5	5.0	36	88	3168
	CA50	6	10.0	16	100	1600
V1	CA60	7	5.0	51	88	4488
	CA50	8	10.0	2	874	1748
	CA50	9	10.0	2	913	1826
V2	CA60	10	5.0	52	88	4576
	CA50	11	10.0	2	874	1748
V3	CA50	12	10.0	2	913	1826
	CA60	13	5.0	80	88	7040
	CA50	14	10.0	2	917	1834
	CA50	15	10.0	2	432	864
	CA50	16	10.0	2	1144	2288
	CA50	17	10.0	2	174	348

Resumo do aço			
AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	10.0	203.9	125.7
CA60	12.5	14	13.5
CA60	5.0	350.2	54
PESO TOTAL			
CA50	139.2		
CA60	54		

Vol. de concreto total (C-25) = 3.35 m³
Área de forma total = 48.66 m²

