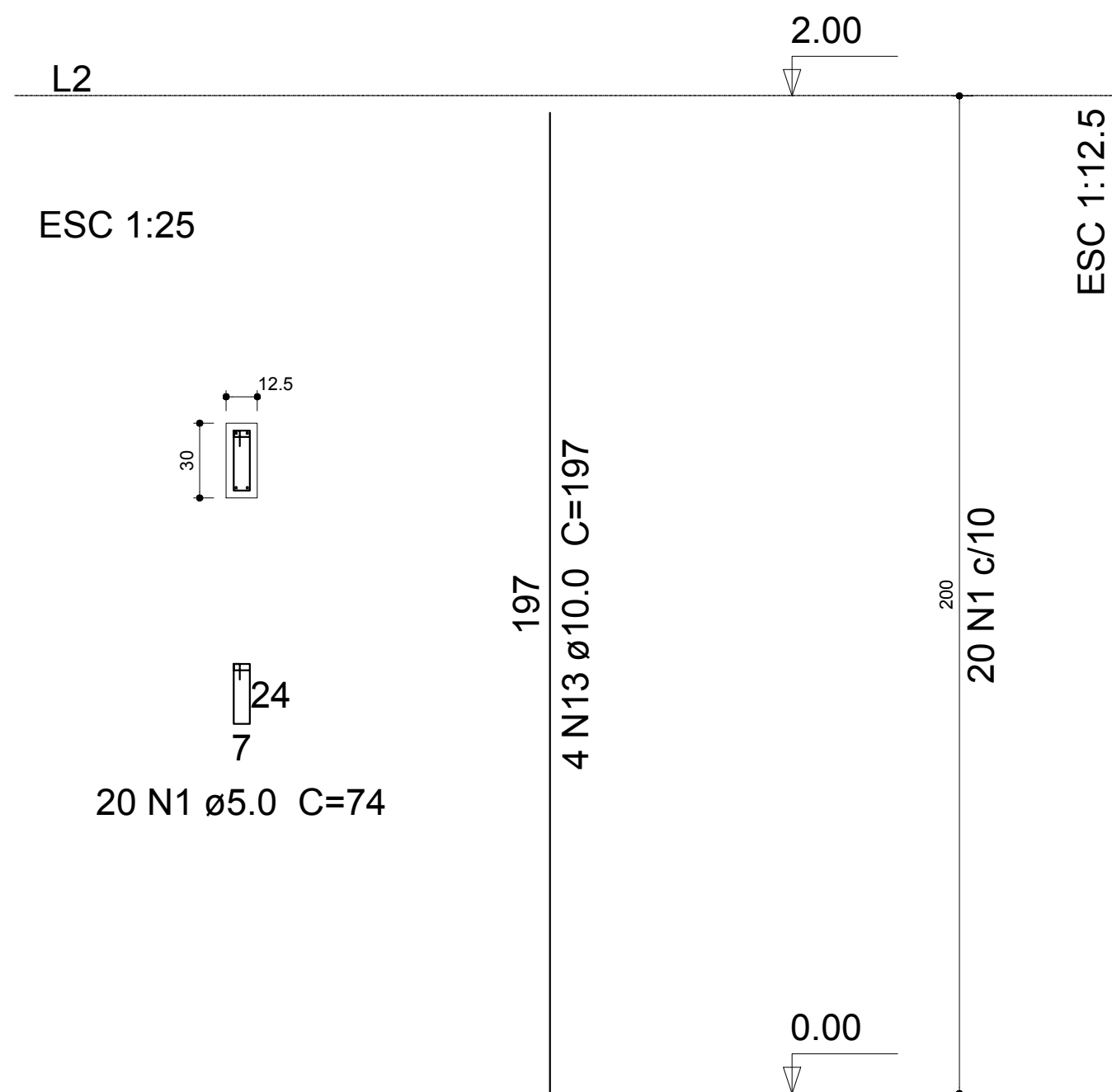
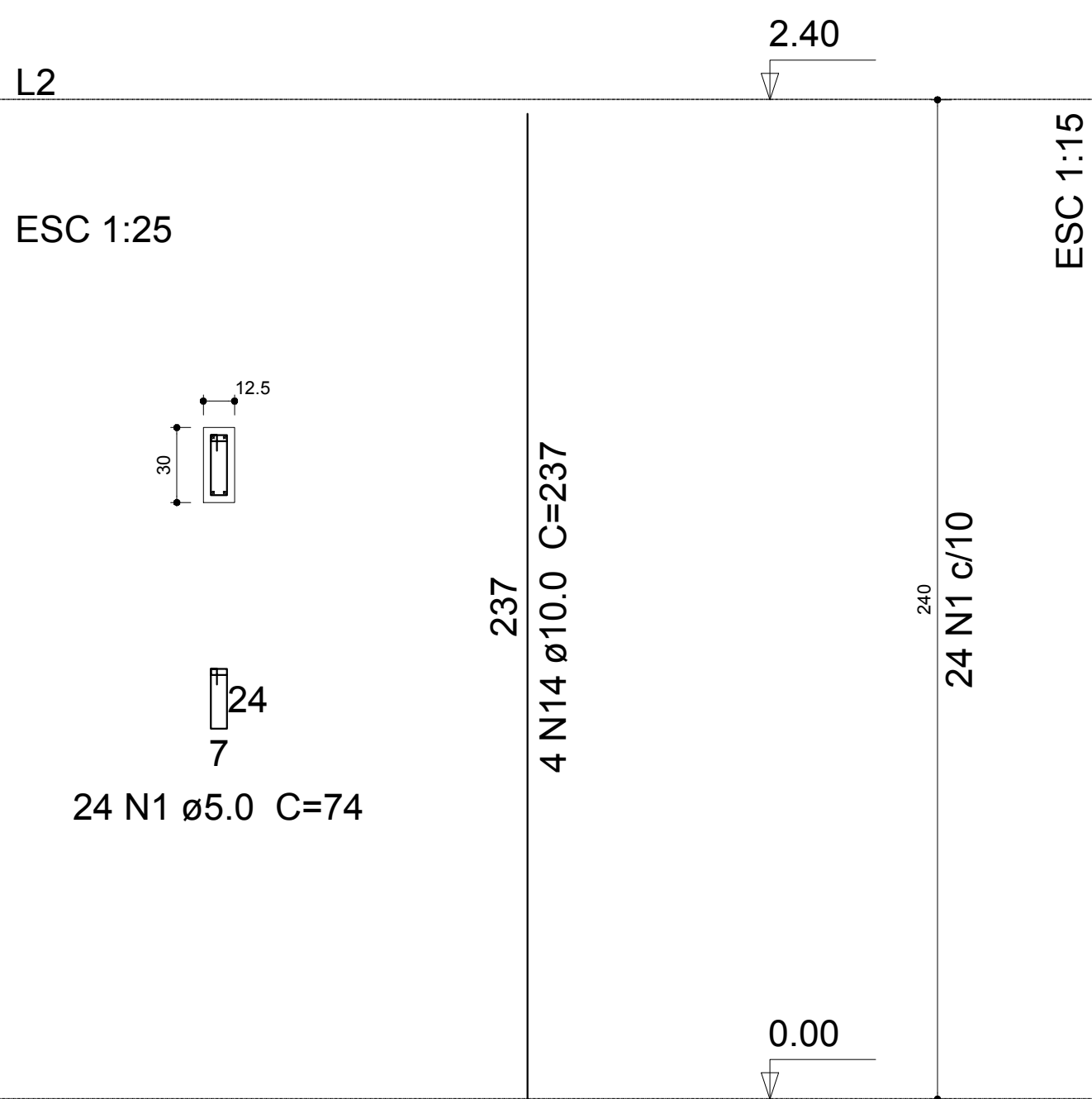


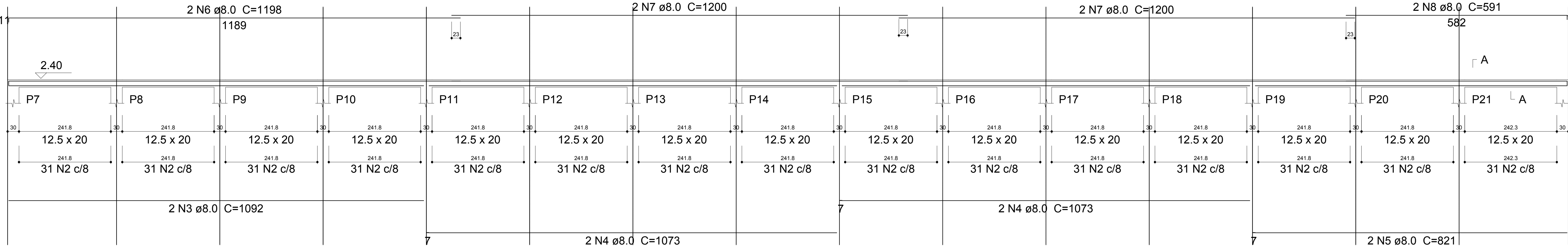
P1=P2



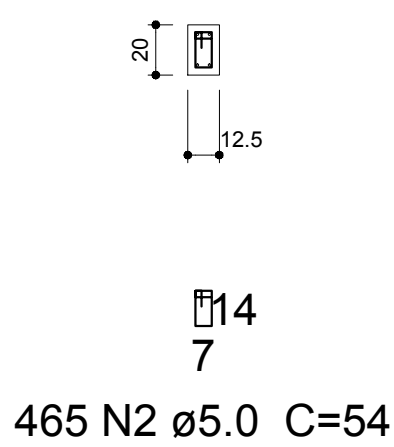
P3=P4=P5=P6=P7=P8=P9=P10=P11=P12=P13
=P14=P15=P16=P17=P18=P19=P20=P21=P22



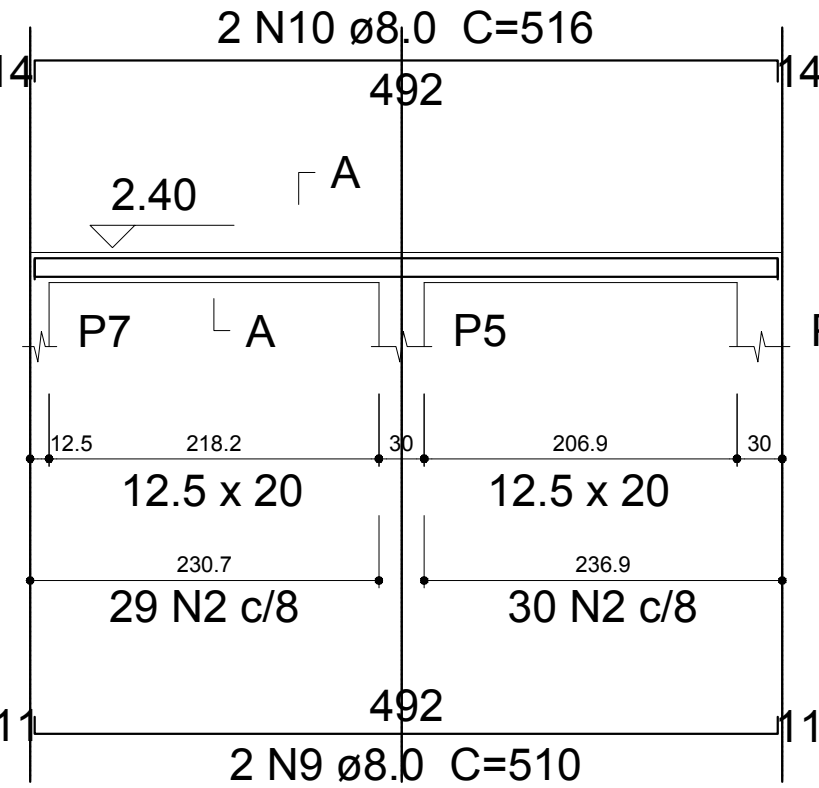
V1
ESC 1:50



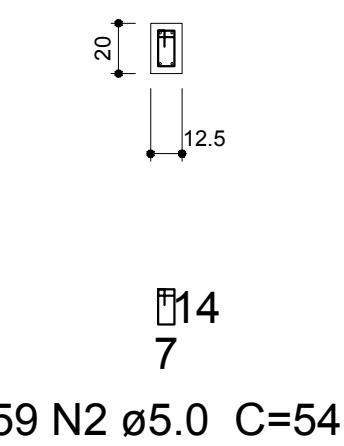
SEÇÃO A-A
ESC 1:30



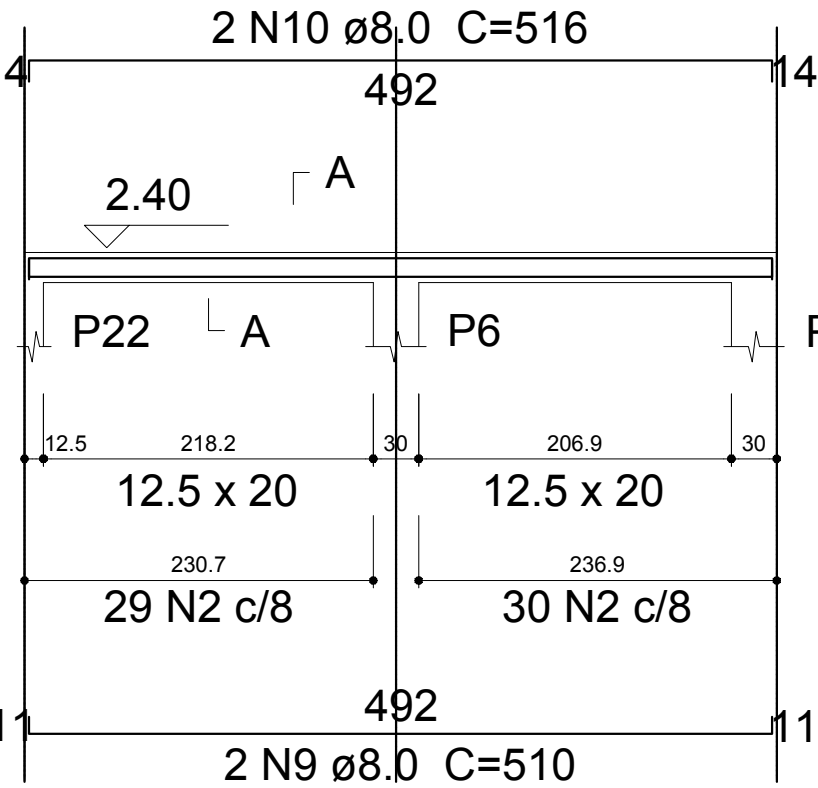
V2
ESC 1:50



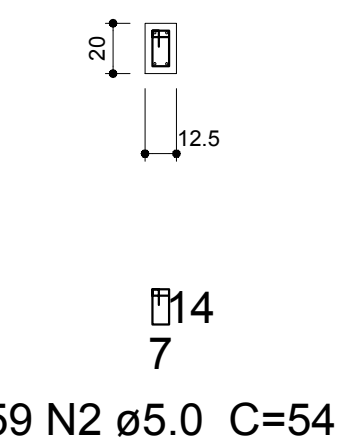
SEÇÃO A-A
ESC 1:30



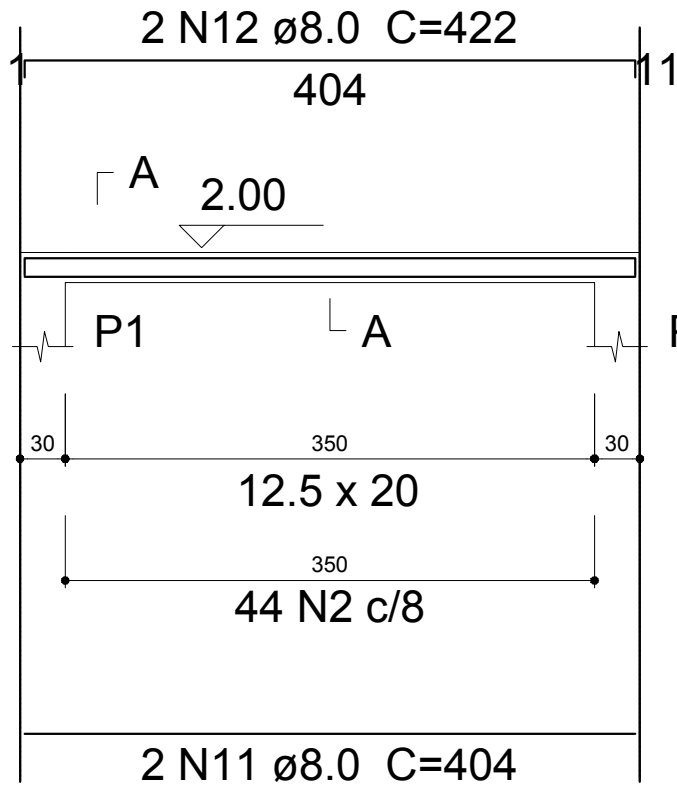
V3
ESC 1:50



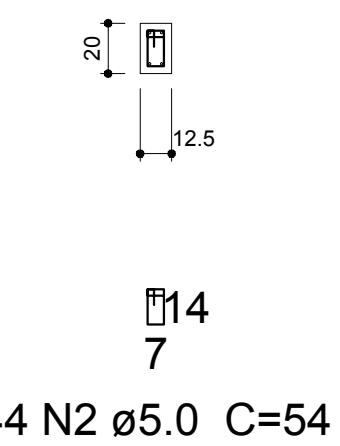
SEÇÃO A-A
ESC 1:30



V4
ESC 1:50



SEÇÃO A-A
ESC 1:30



Relação do aço

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	520	74	38480
	2	5.0	627	54	33858
CA50	3	8.0	2	1092	2184
	4	8.0	4	1073	4292
	5	8.0	2	821	1642
	6	8.0	2	1198	2396
	7	8.0	4	1200	4800
	8	8.0	2	591	1182
	9	8.0	4	510	2040
	10	8.0	4	516	2064
	11	8.0	2	404	808
	12	8.0	2	422	844
	13	10.0	8	197	1576
	14	10.0	80	237	18960

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	222.6	96.6
	10.0	205.4	139.3
CA60	5.0	723.4	122.6
PESO TOTAL			
CA50	235.9		
CA60	122.6		

Vol. de concreto total (C-25) = 3.33 m³
Área de forma total = 73.14 m²