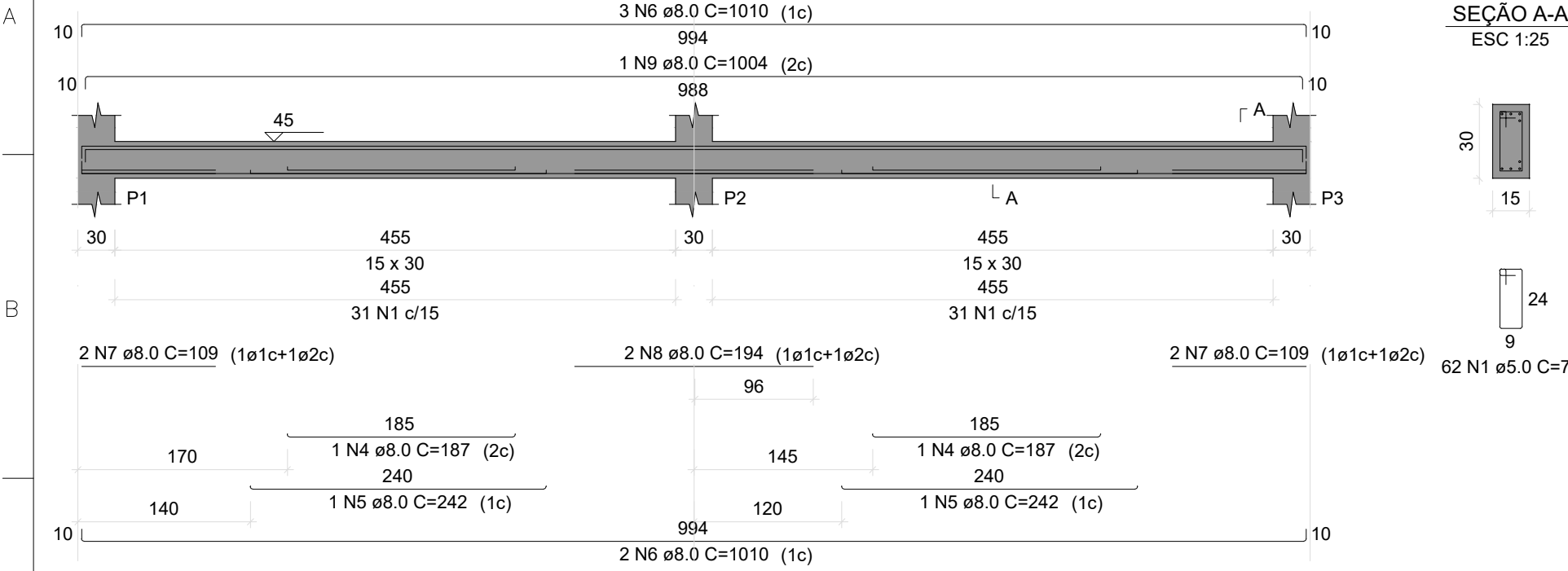


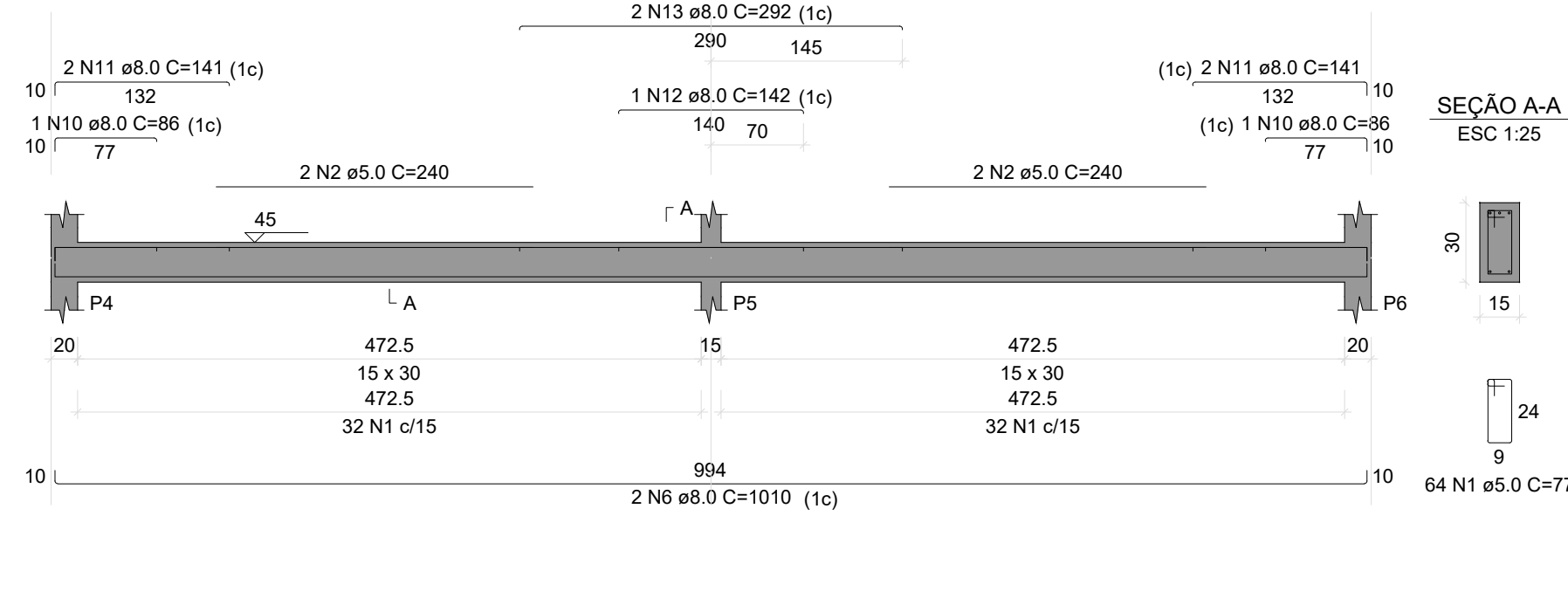
V100

ESC 1:50



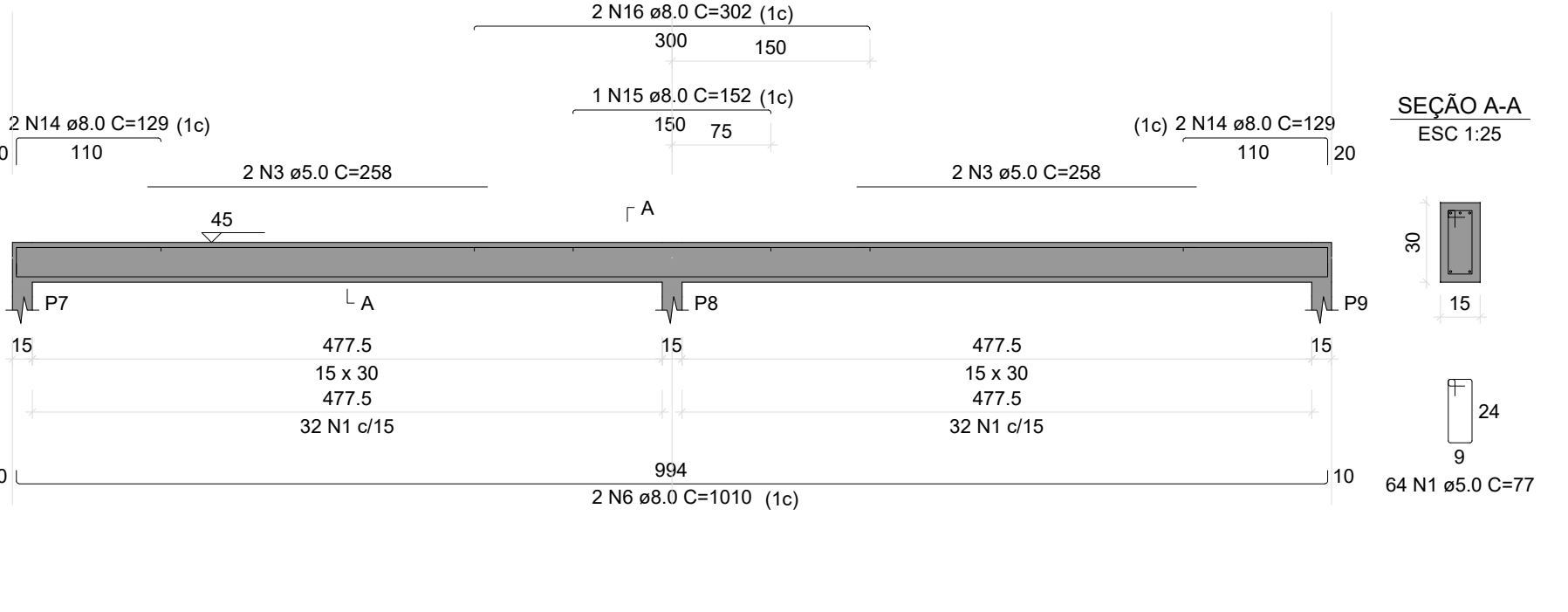
V101

ESC 1:50



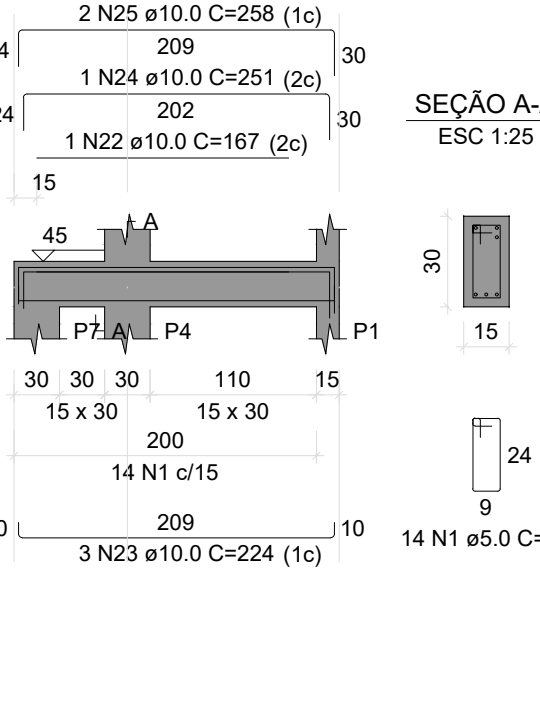
V102

ESC 1:50



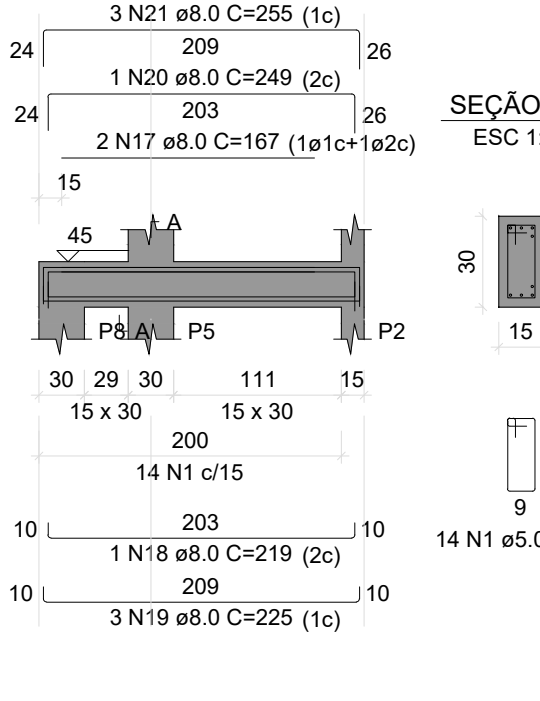
V103

ESC 1:50



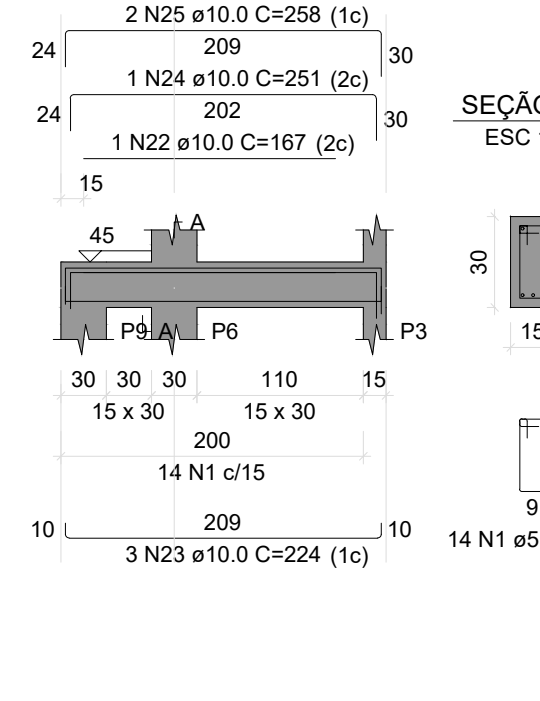
V104

ESC 1:50



V105

ESC 1:50



RELAÇÃO DO AÇO					
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	232	77	7964
	2	5.0	4	240	960
	3	5.0	4	250	1000
	4	8.0	2	187	374
	5	8.0	2	192	384
	6	8.0	9	1010	9090
	7	8.0	2	109	438
	8	8.0	2	194	388
	9	8.0	2	192	384
	10	8.0	2	86	172
CA50	1	5.0	232	77	7964
	2	5.0	4	240	960
	3	5.0	4	250	1000
	4	8.0	2	187	374
	5	8.0	2	192	384
	6	8.0	9	1010	9090
	7	8.0	2	109	438
	8	8.0	2	194	388
	9	8.0	2	192	384
	10	8.0	2	86	172

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	167.5	72.7
CA60	10.0	32.1	21.8
CA60	5.0	188.6	33.7

PESO TOTAL (kg)

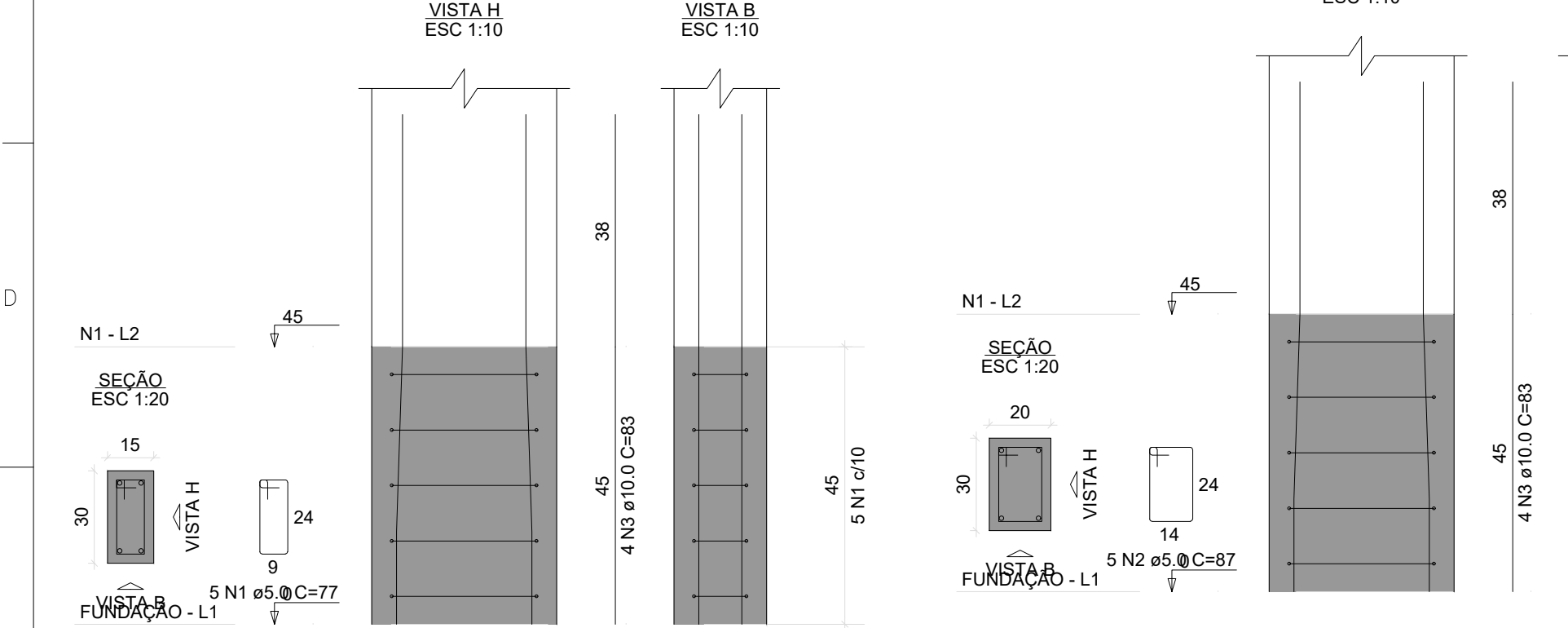
CA50 94.5

CA60 33.7

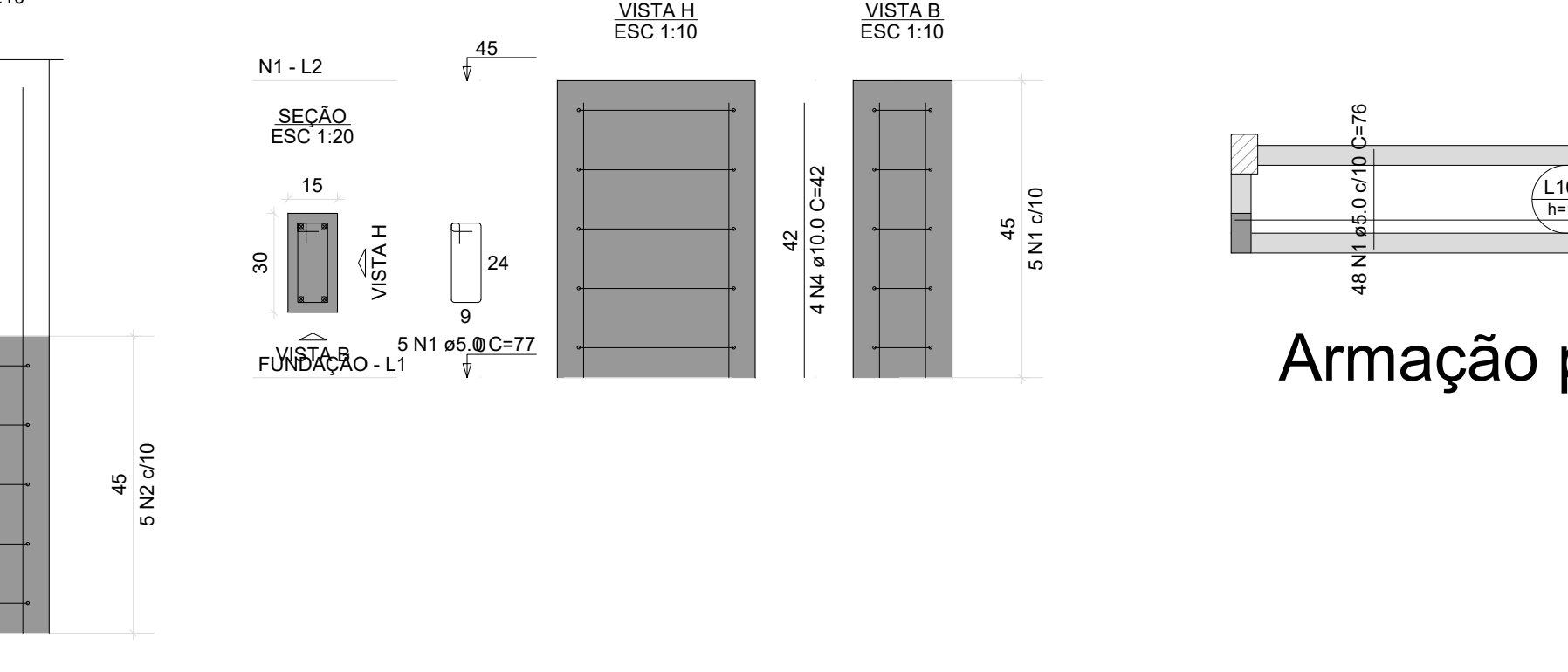
Volume de concreto (C-25) = 1.45 m³

Área de forma = 21.00 m²

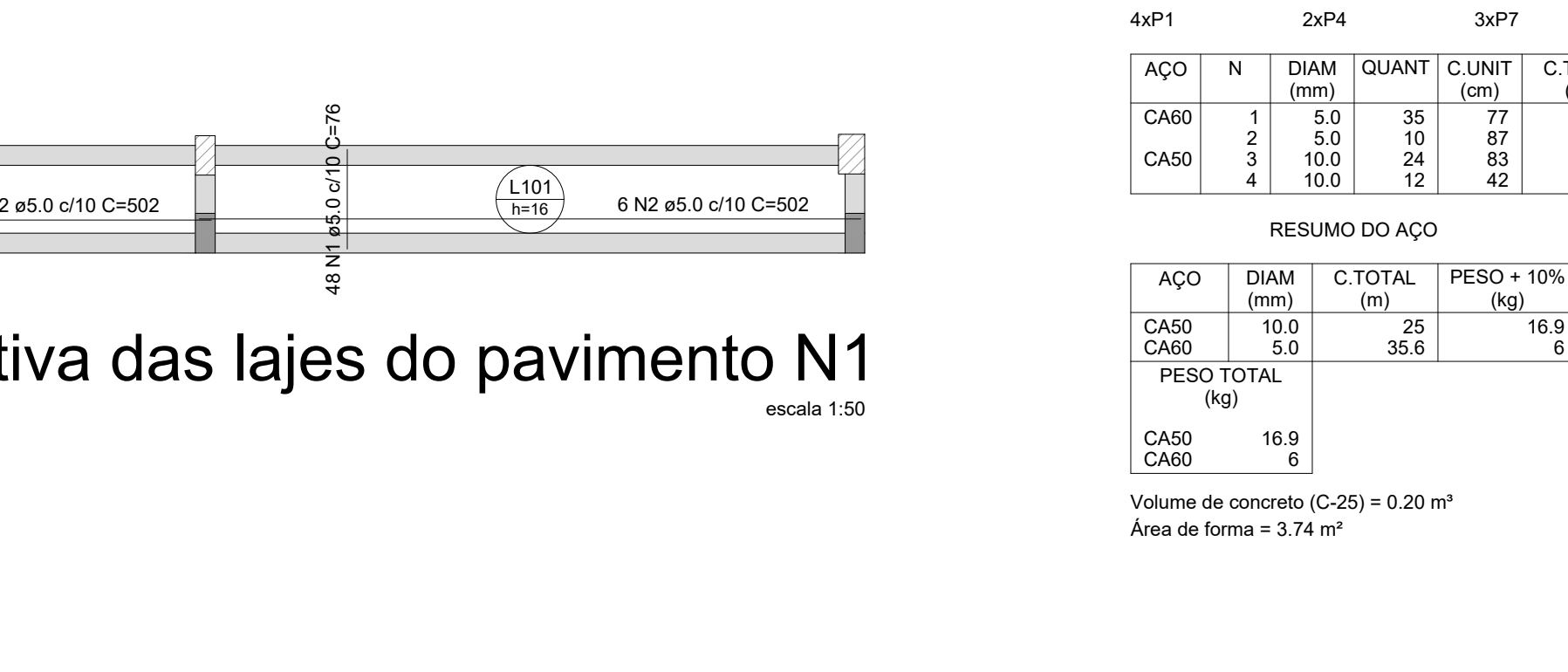
P1=P2=P3=P5



P4=P6



P7=P8=P9



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	35	77	2695
CA50	2	5.0	10	87	870
CA50	3	10.0	24	83	1992
CA50	4	10.0	12	42	504

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	25	16.9
CA60	5.0	35.6	6

PESO TOTAL (kg)

CA50 16.9

CA60 6

Volume de concreto (C-25) = 0.20 m³

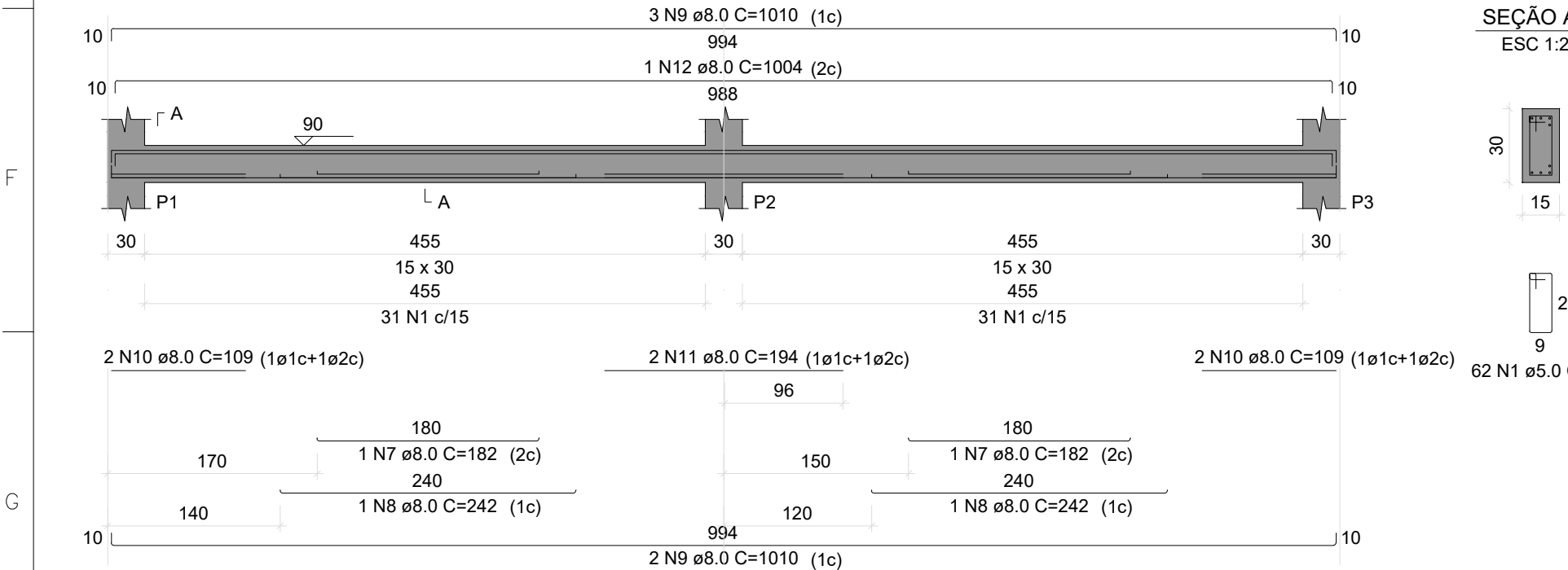
Área de forma = 3.74 m²

Armação positiva das lajes do pavimento N1

escala 1:50

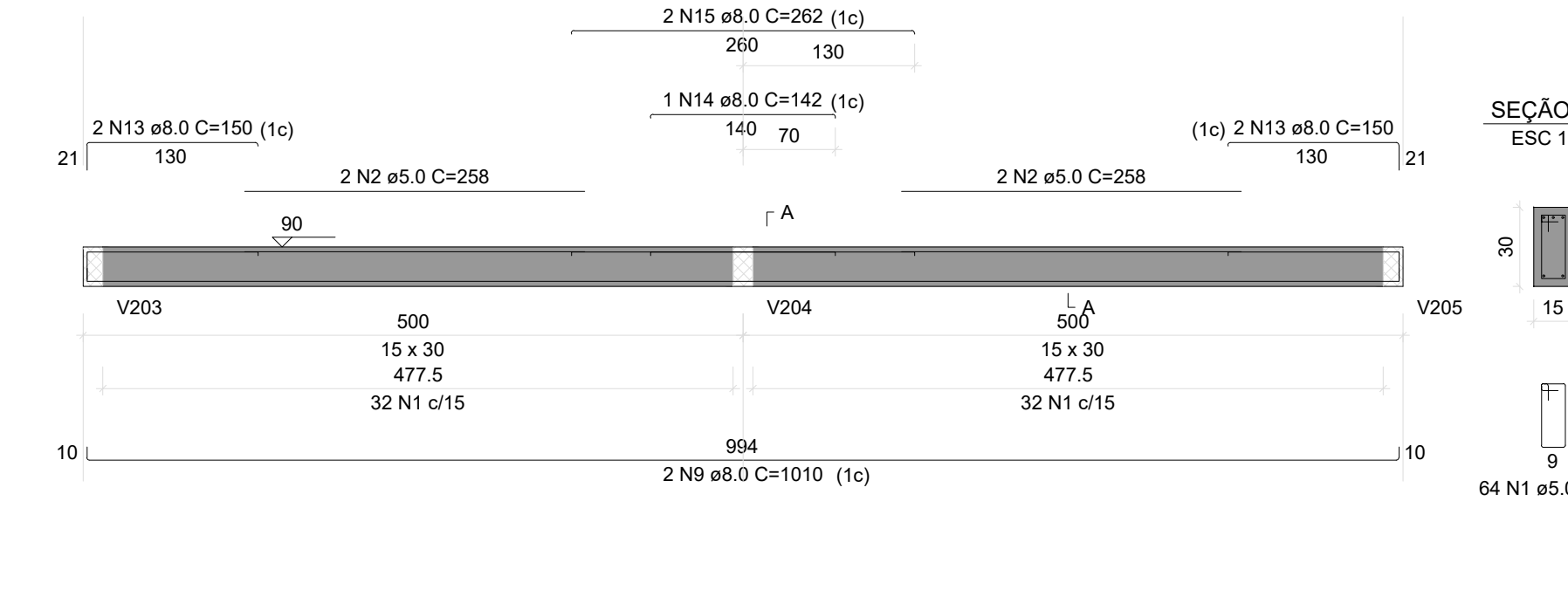
V200

ESC 1:50



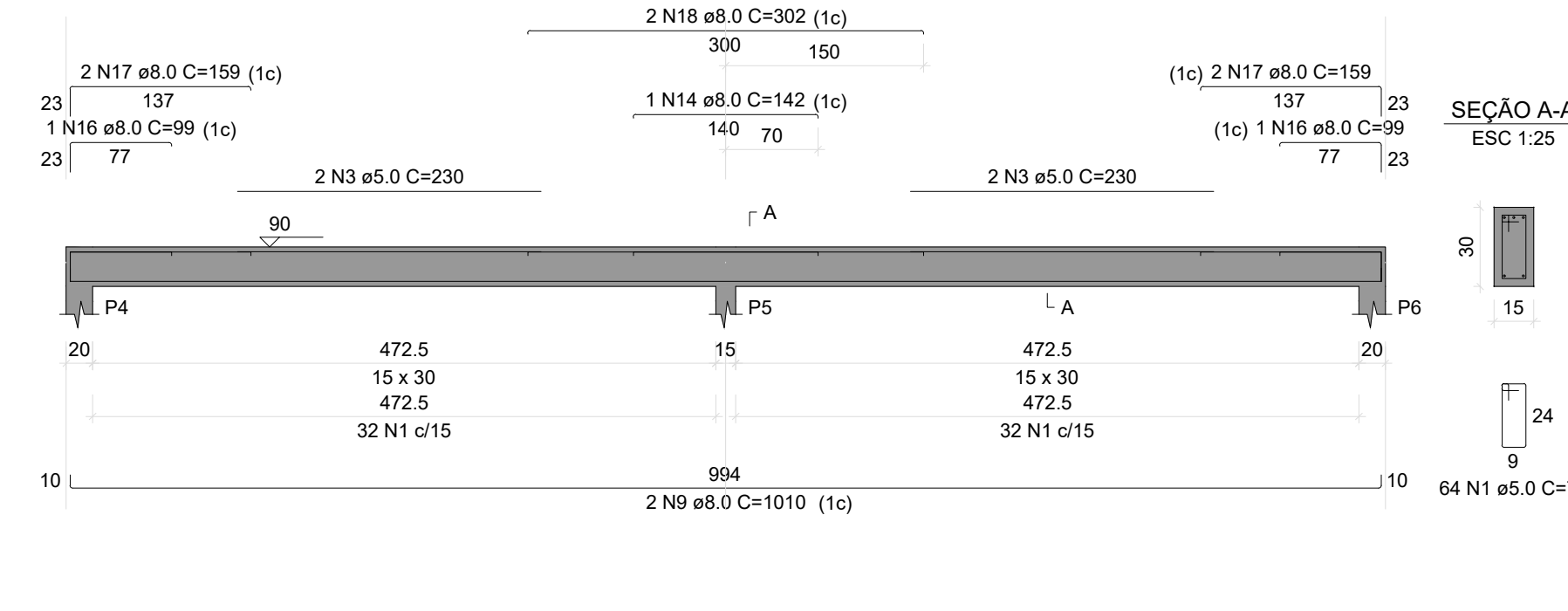
V201

ESC 1:50



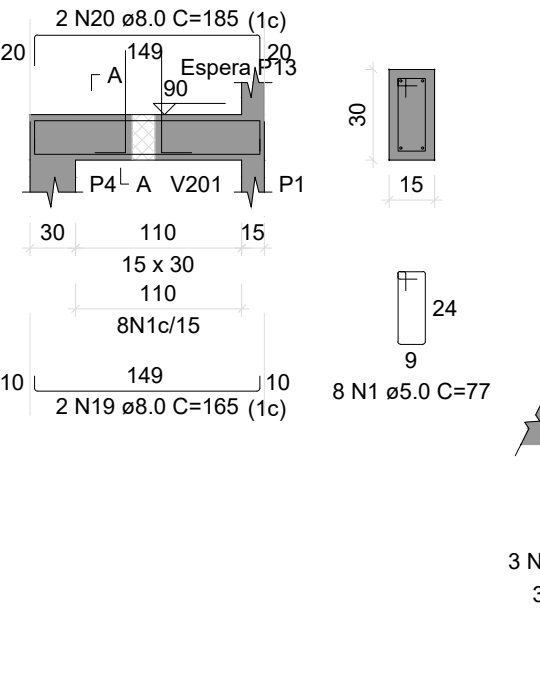
V202

ESC 1:50



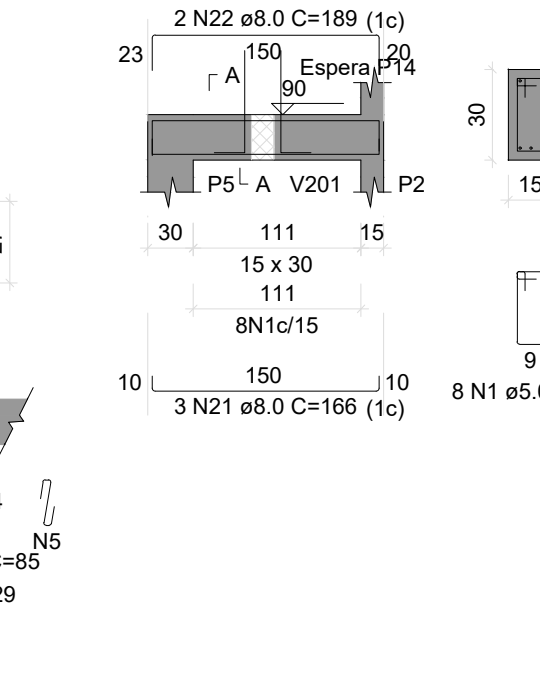
V203

ESC 1:50



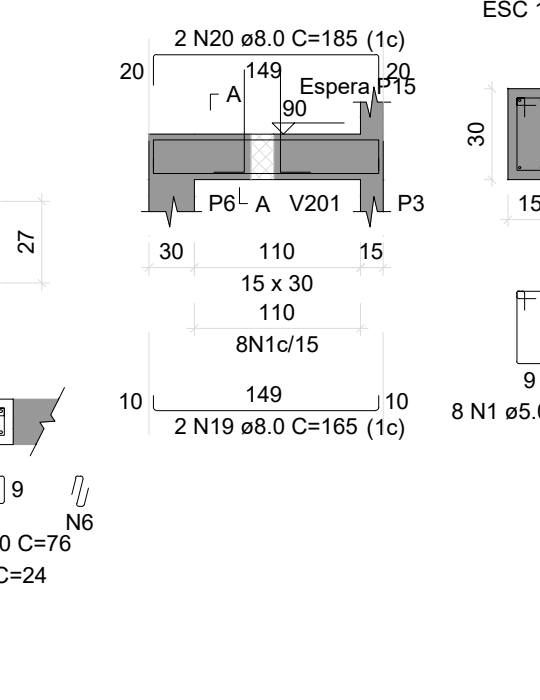
V204

ESC 1:50



V205

ESC 1:50



RELAÇÃO DO AÇO					
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	217	77	10709
	2	5.0	4	258	1032
	3	5.0	4	230	920
	4	5.0	6	85	510
	5	5.0	3	24	72
	6	5.0	3	24	72
	7	8.0	2	162	324
	8	8.0	2	242	484
	9	8.0	4	109	436
	10	8.0	4	109	436
CA50	1	5.0	217	77	10709
	2	5.0	4	258	1032
	3	5.0	4	230	920
	4	5.0	6	85	510
	5	5.0	3	24	72
	6	5.0	3	24	72
	7	8.0	2	162	324
	8	8.0	2	242	484
	9	8.0	4	109	436
	10	8.0	4	109	436

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	168.9	73.3
CA60	10.0	15.5	10.5
CA60	5.0	194.2	32.9

PESO TOTAL (kg)

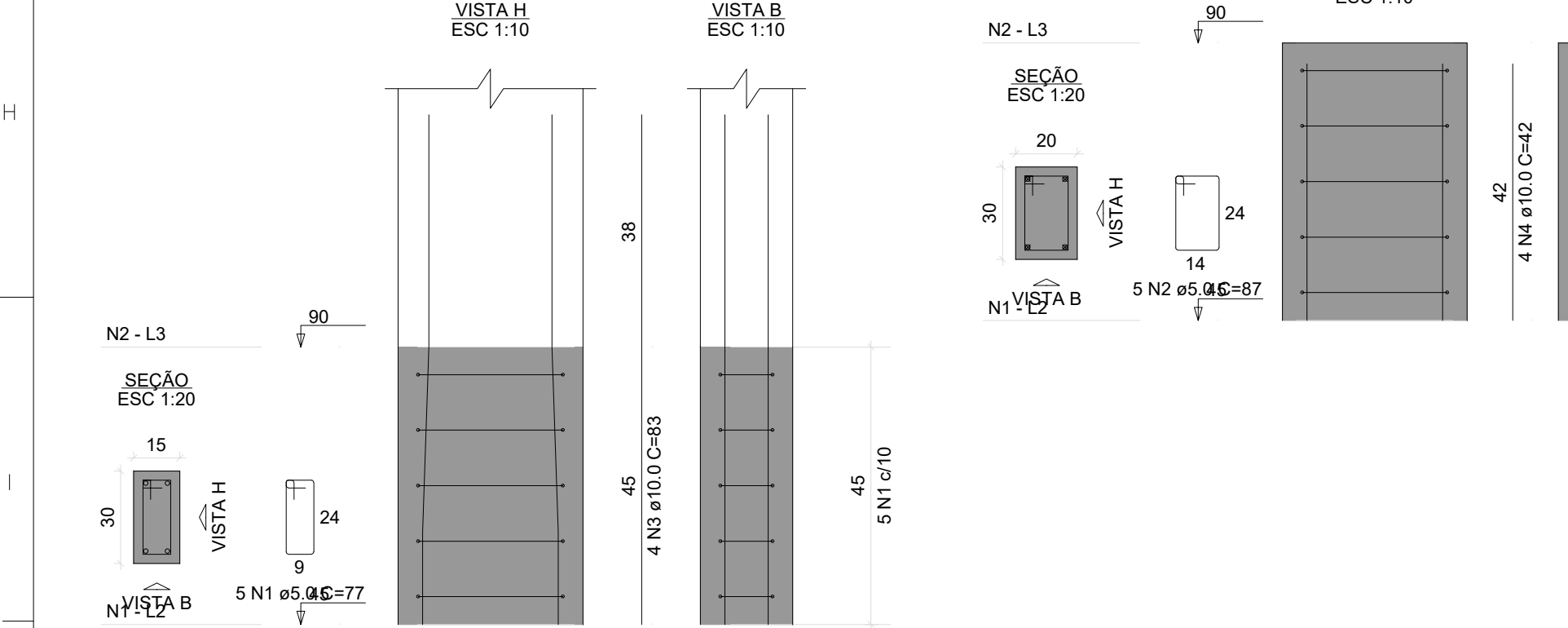
CA50 83.8

CA60 32.9

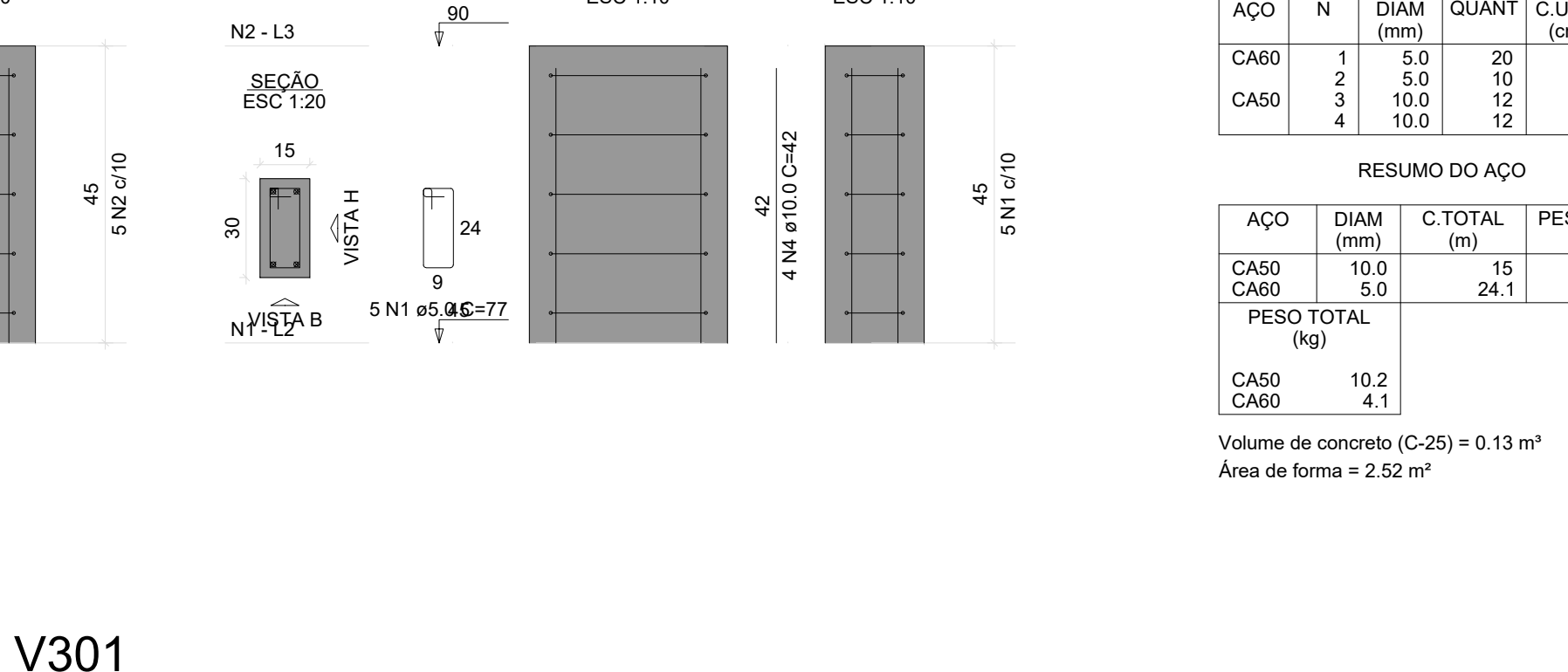
Volume de concreto (C-25) = 1.43 m³

Área de forma = 20.48 m²

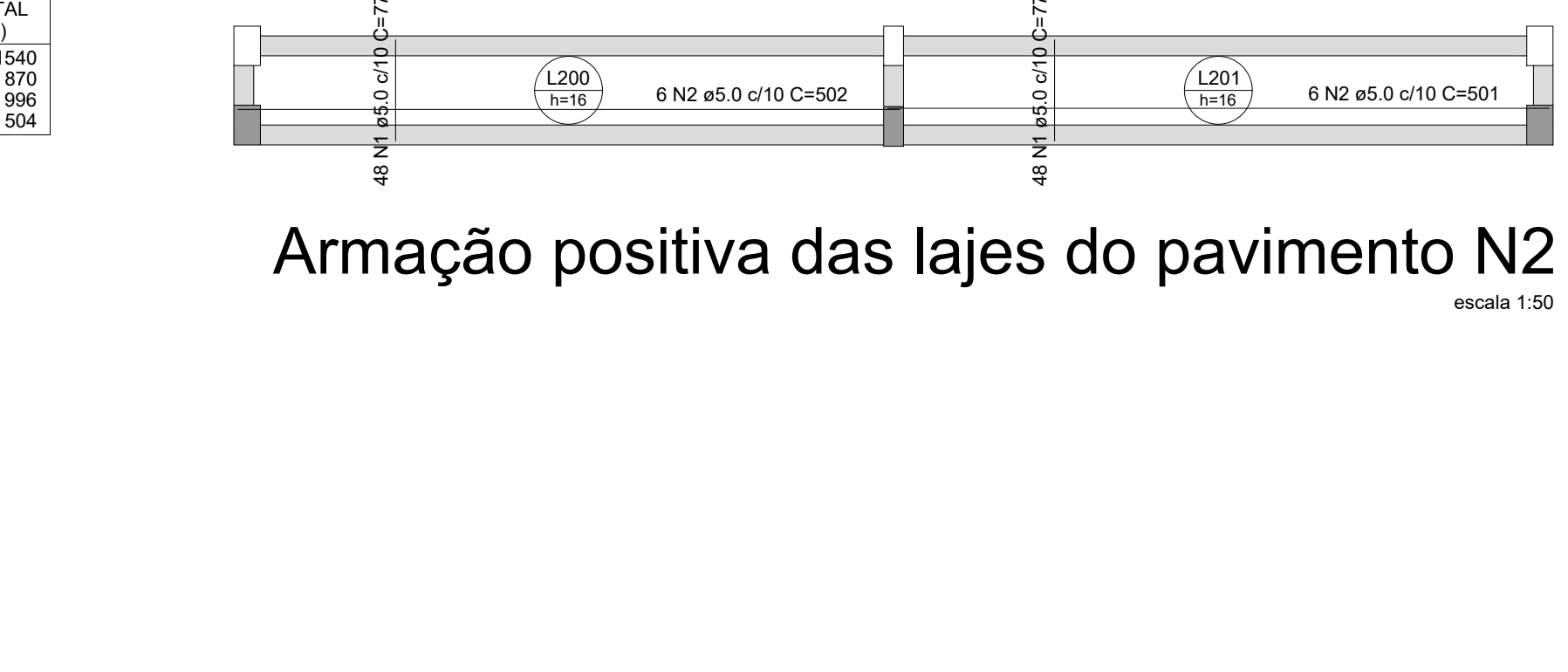
P1=P2=P3



P4=P6



P5



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	96	77	7392
CA50	2	5.0	12	502	6024

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA60	5.0	134.1	22.7

PESO TOTAL (kg)

CA60 22.7

Volume de concreto (C-25) = 0.81 m³

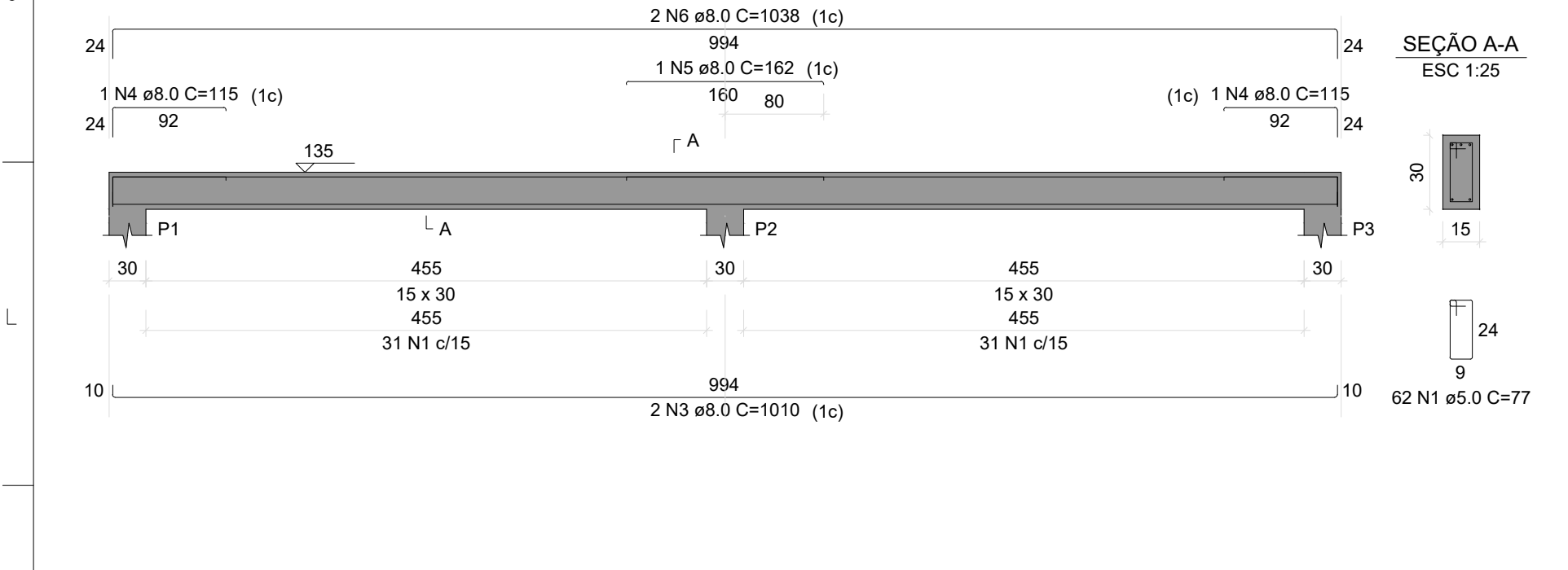
Área de forma = 5.08 m²

Armação positiva das lajes do pavimento N2

escala 1:50

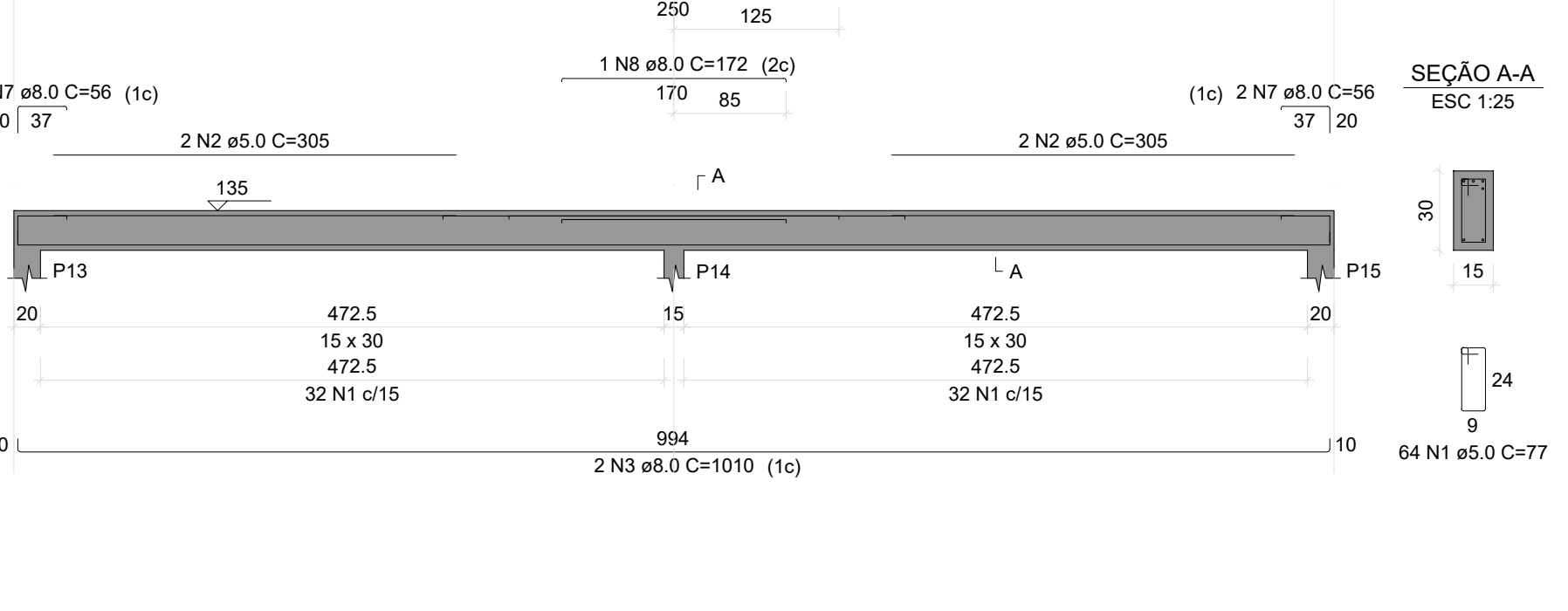
V300

ESC 1:50



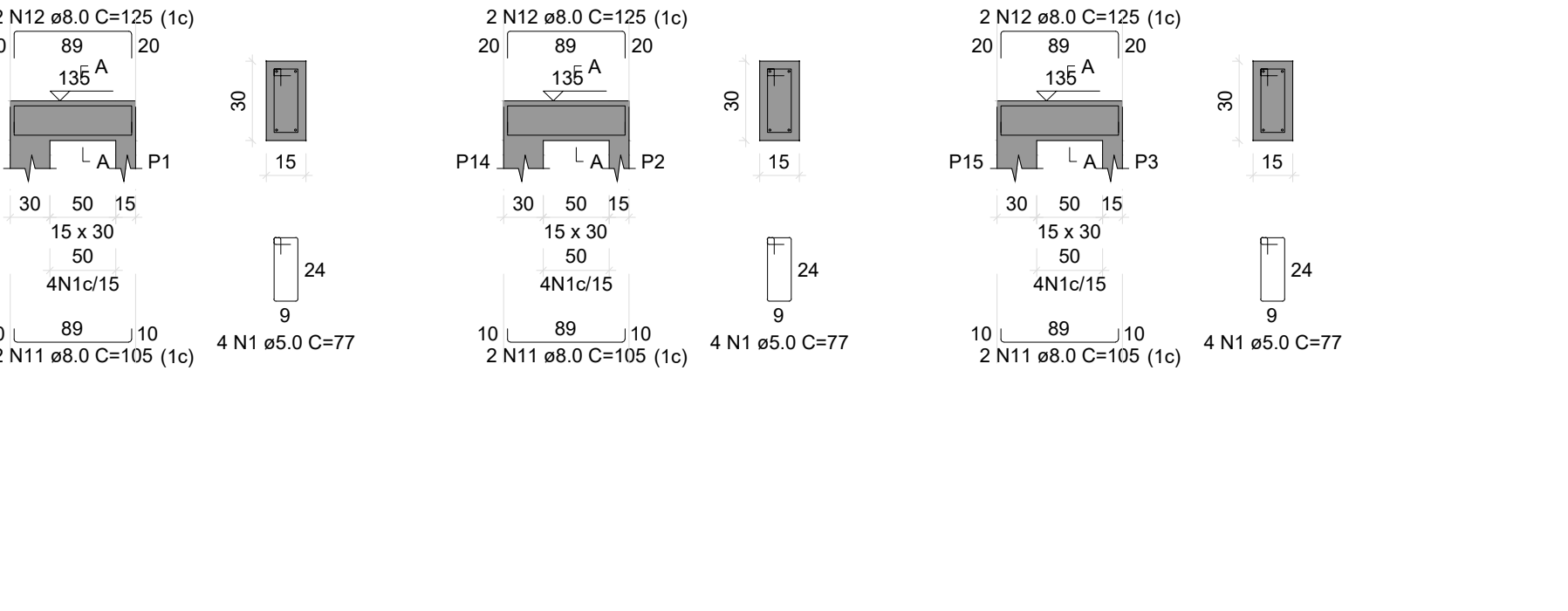
V301

ESC 1:50



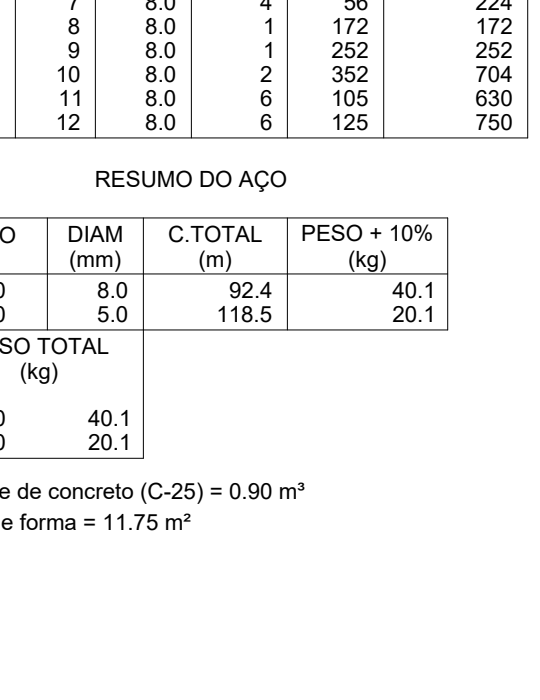
V302

ESC 1:50



V303

ESC 1:50



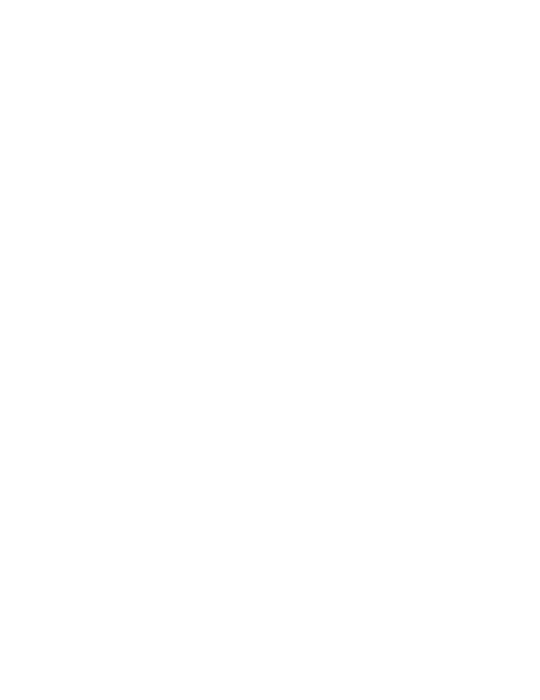
V304

ESC 1:50



V305

ESC 1:50



RELAÇÃO DO AÇO					
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	138	77	10626
	2	5.0	4	305	1220
	3	8.0	4	1010	4040
	4	8.0	2	115	230
	5	8.0	1	162	162
	6	8.0	1	1038	2076
	7	8.0	4	56	224
	8	8.0	1	172	172
	9	8.0	1	252	252
	10	8.0	2	852	1704
CA50	1	5.0	138	77	10626
	2	5.0	4	305	1220
	3	8.0	4	1010	4040
	4	8.0	2	115	230
	5	8.0	1	162	162
	6	8.0	1	1038	2076
	7	8.0	4	56	224
	8	8.0	1	172	172
	9	8.0	1	252	252
	10	8.0	2	852	1704

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	92.4	40.1
CA60	5.0	118.5	20.1

PESO TOTAL (kg)

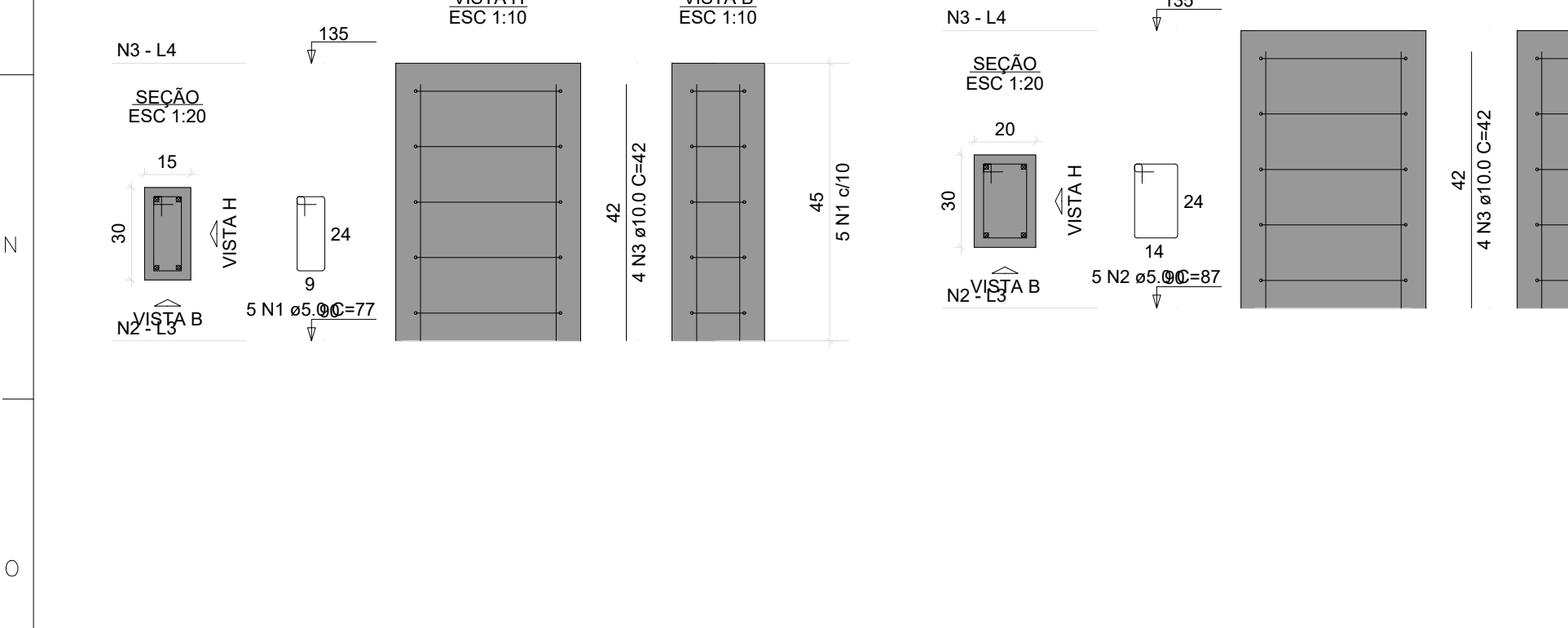
CA50 40.1

CA60 20.1

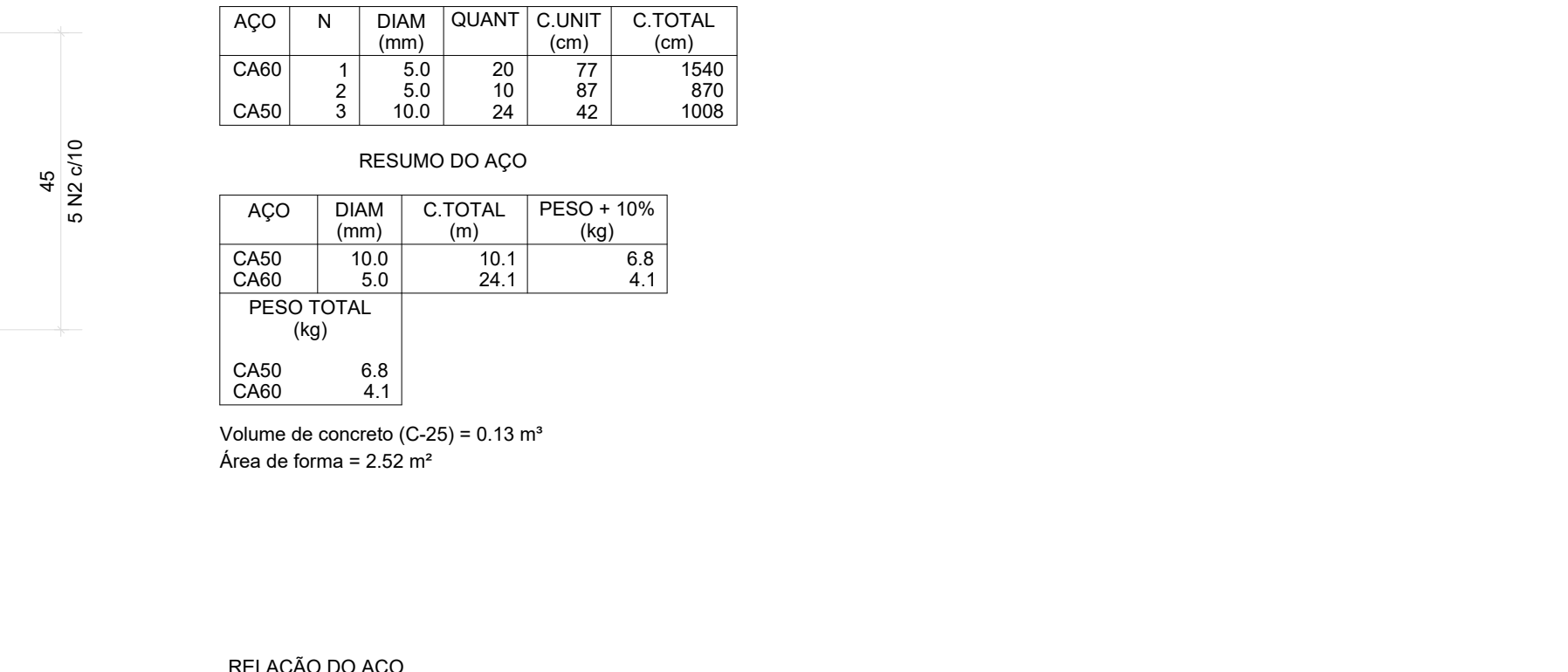
Volume de concreto (C-25) = 0.90 m³

Área de forma = 11.75 m²

P1=P2=P3=P14



P13=P15



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	20	77	1540
CA50	2	5.0	10	87	870
CA50	3	10.0	24	42	1008

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	10.1	6.8
CA60	5.0	24.1	4.1

PESO TOTAL (kg)

CA50 6.8

CA60 4.1

Volume de concreto (C-25) = 0.13 m³

Área de forma = 2.52 m²

Armação positiva das lajes do pavimento N3

escala 1:50

