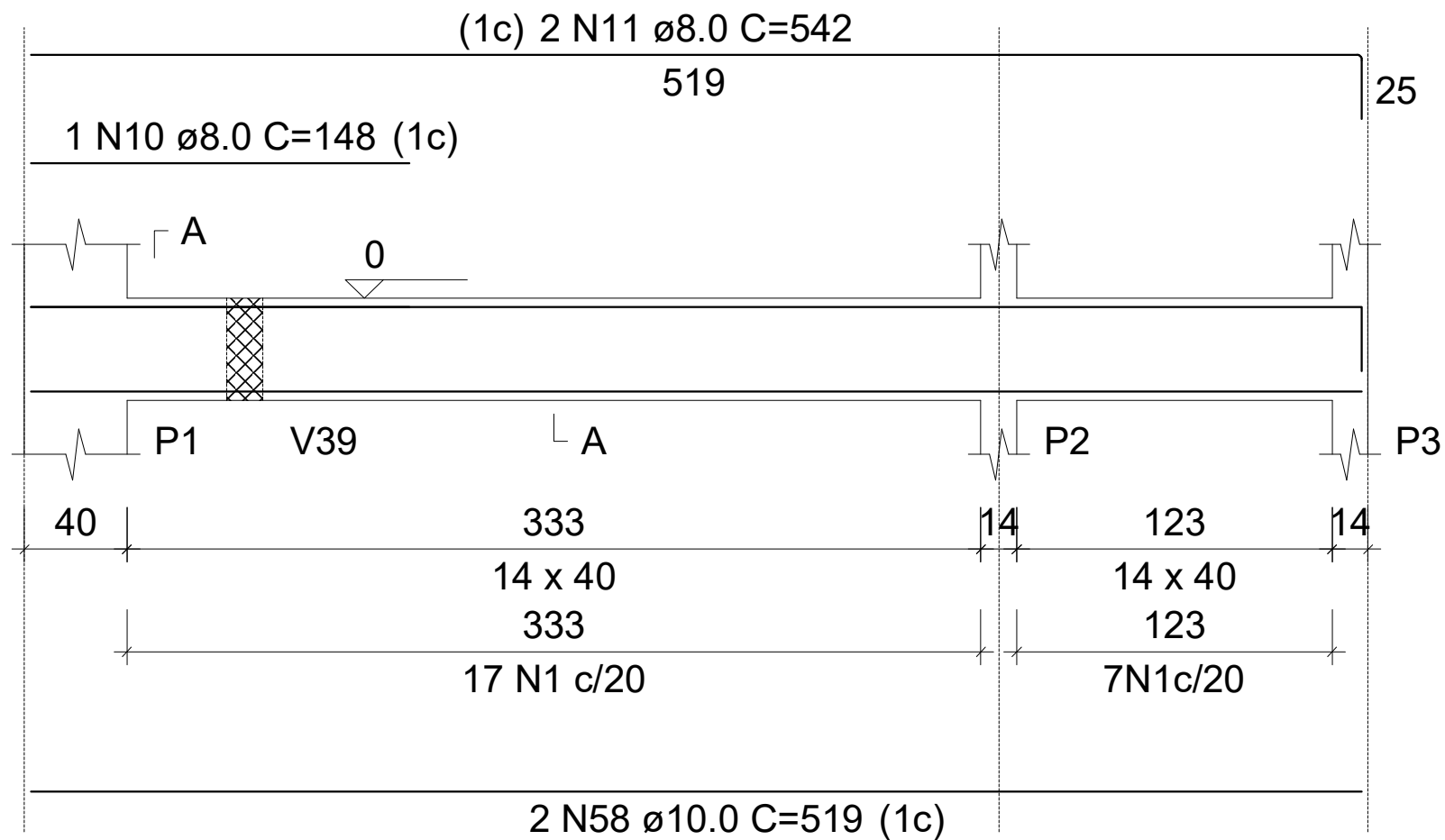


Baldrame

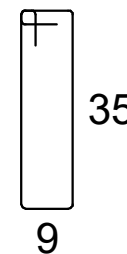
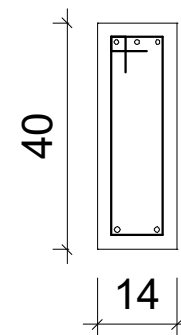
V1

ESC 1:50



SEÇÃO A-A

ESC 1:25

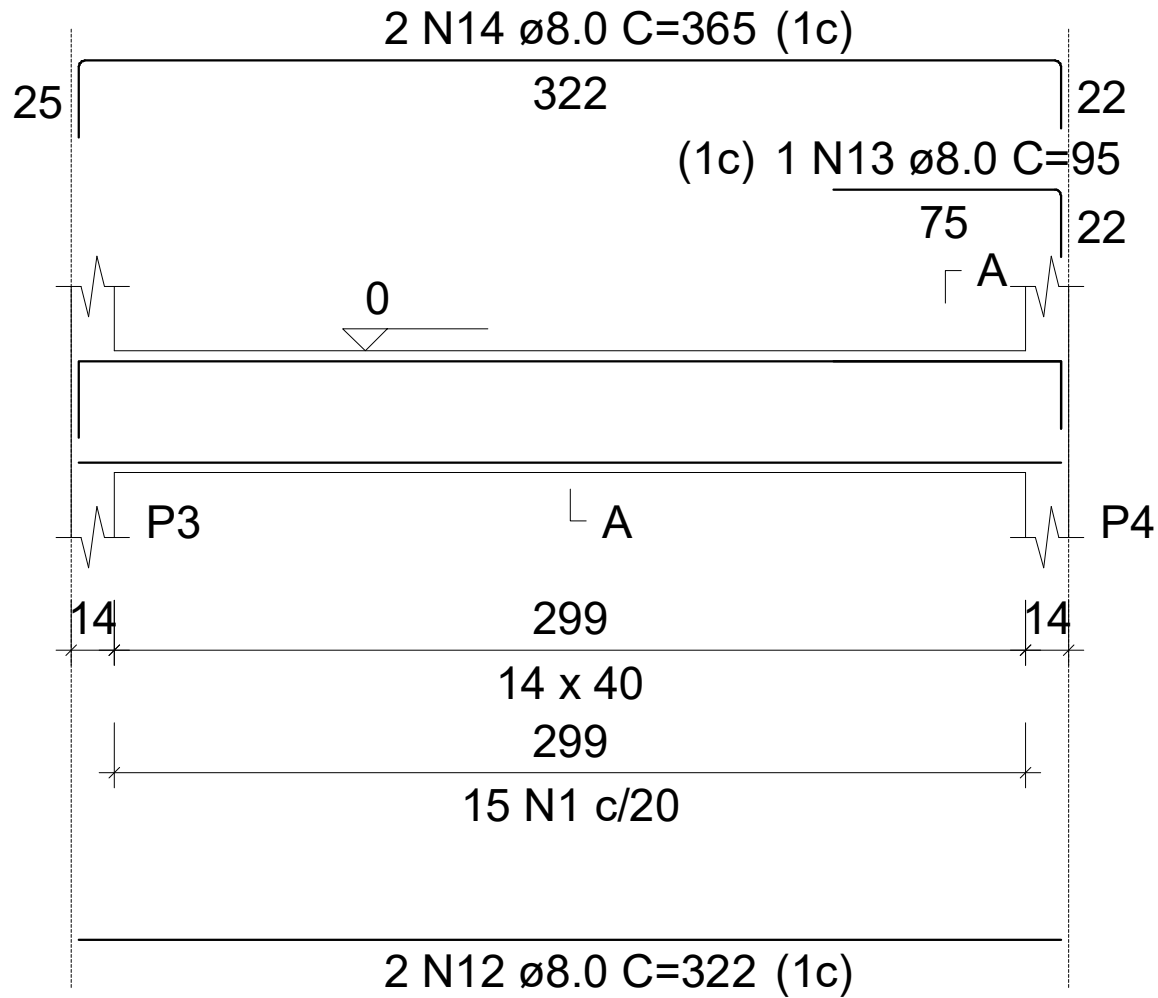


24 N1 ϕ 5.0 C=99

Baldrame

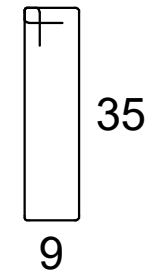
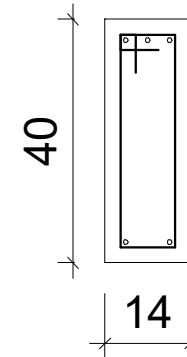
V2

ESC 1:50



SEÇÃO A-A

ESC 1:25

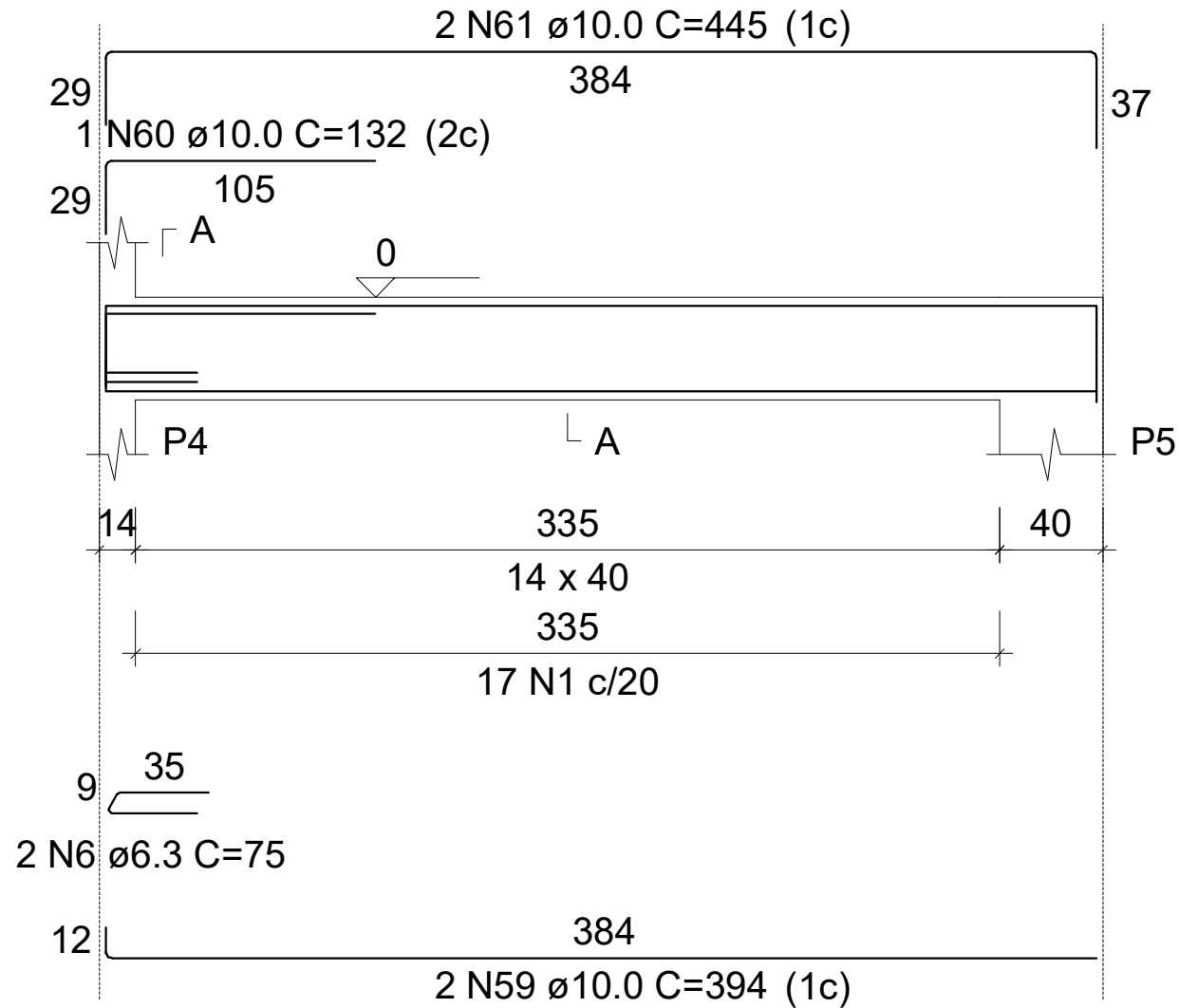


15 N1 \varnothing 5.0 C=99

Baldrame

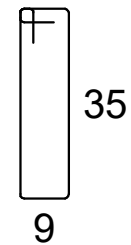
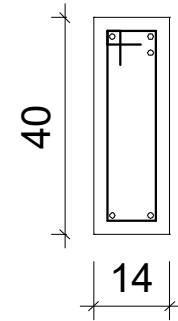
V3

ESC 1:50



SEÇÃO A-A

ESC 1:25



17 N1 \varnothing 5.0 C=99

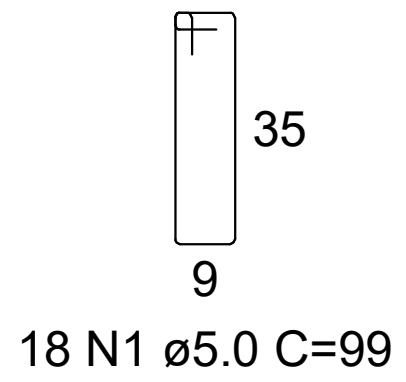
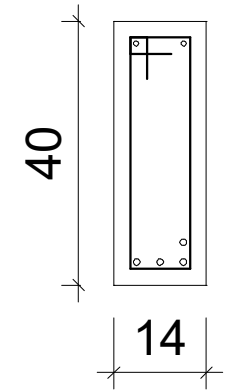
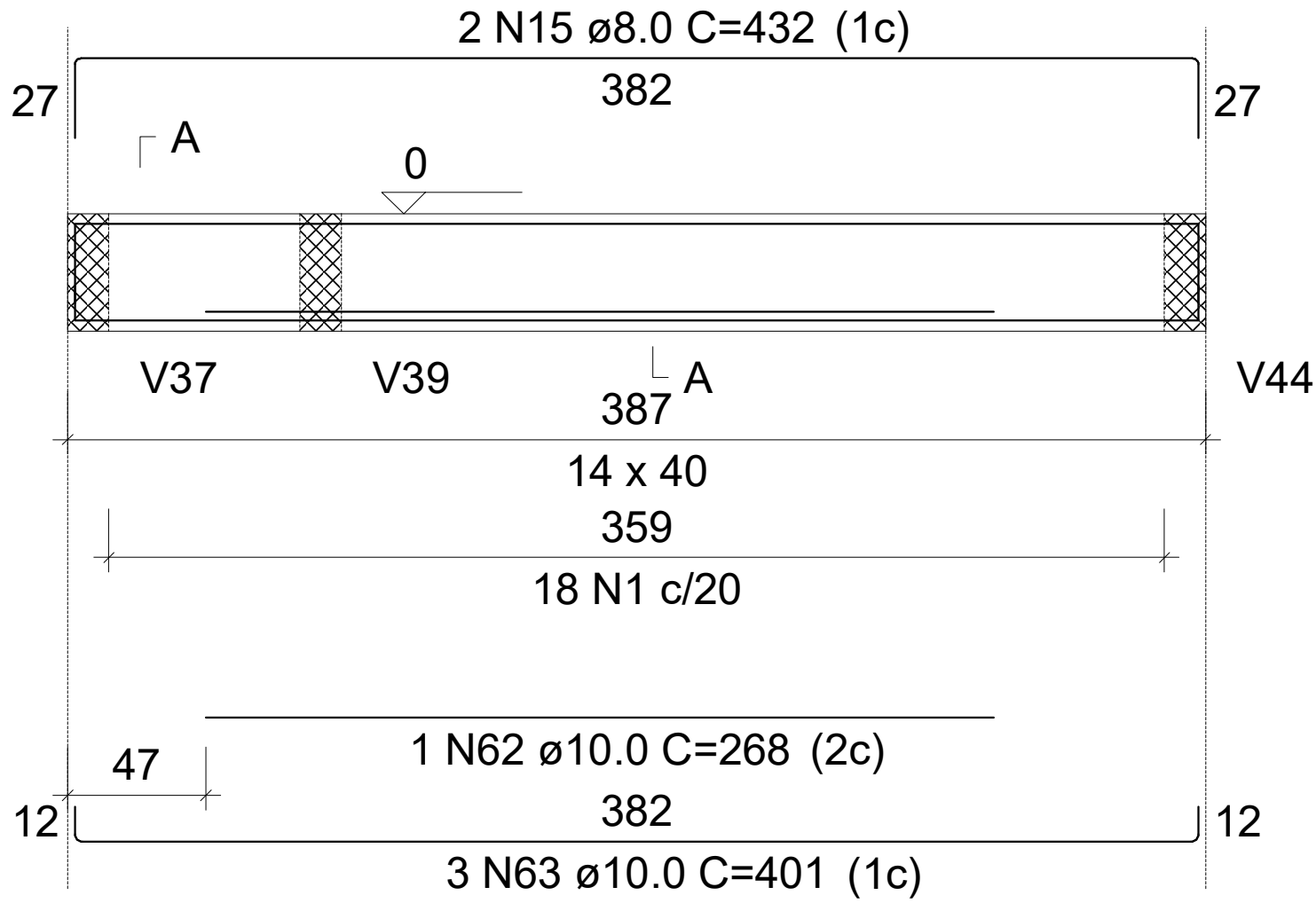
Baldrame

V4

ESC 1:50

SEÇÃO A-A

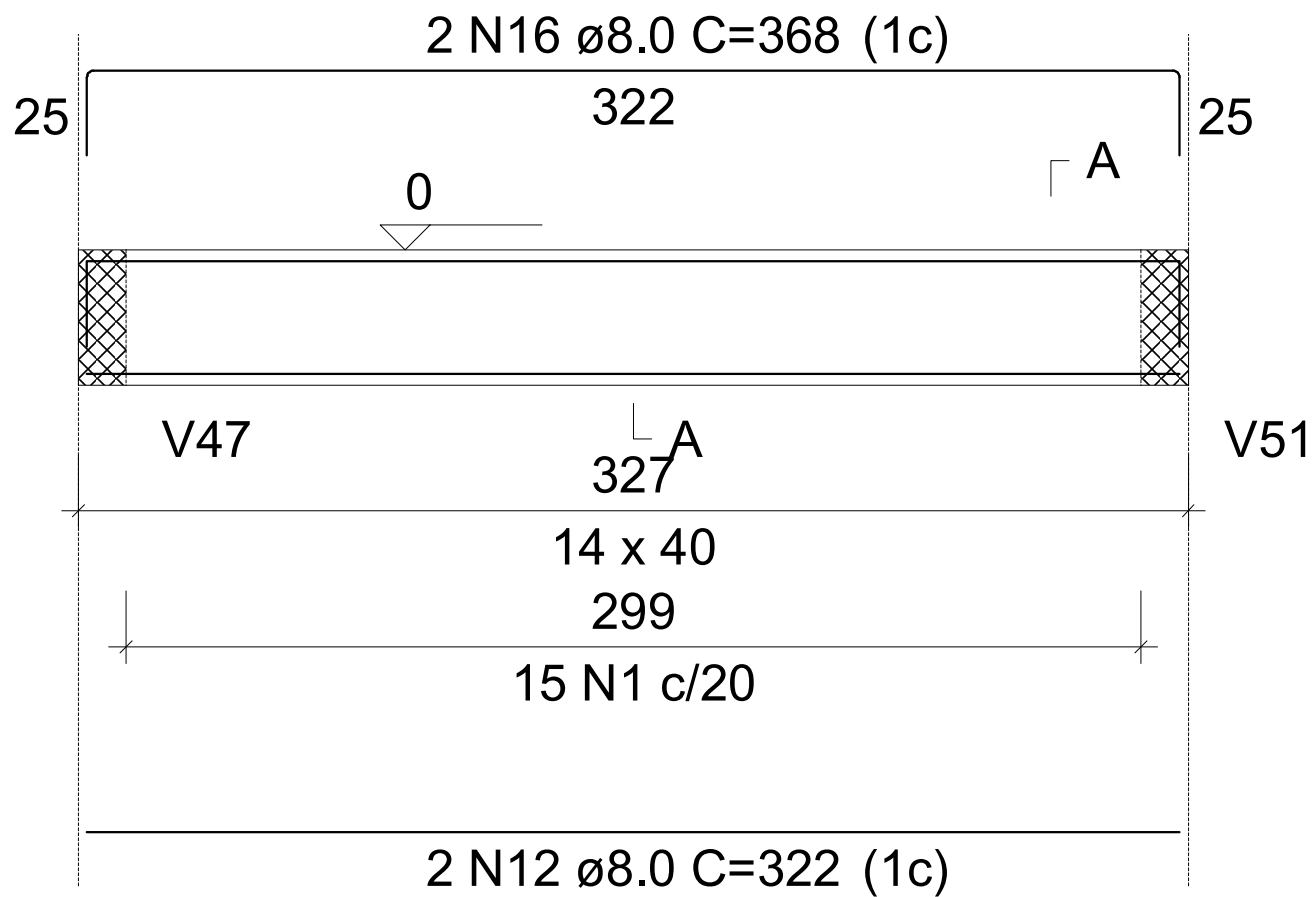
ESC 1:25



Baldrame

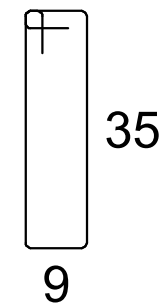
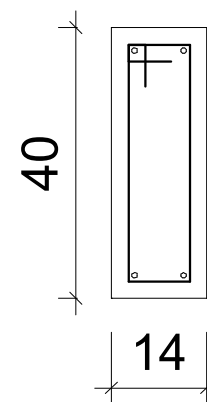
V5

ESC 1:50



SEÇÃO A-A

ESC 1:25

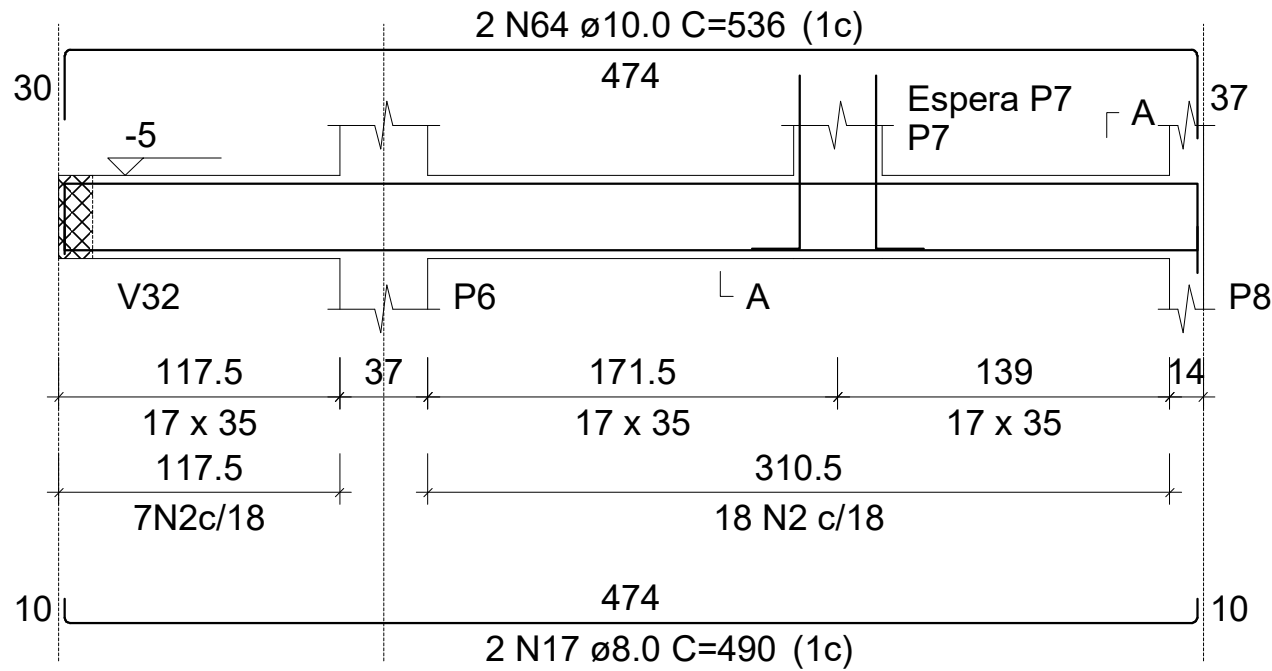


15 N1 \varnothing 5.0 C=99

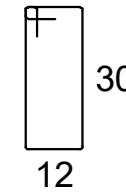
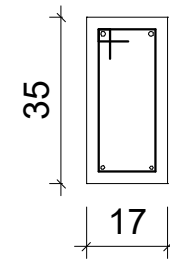
Baldrame

V6

ESC 1:50

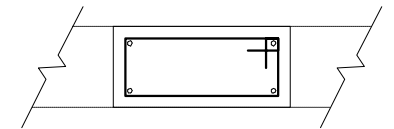
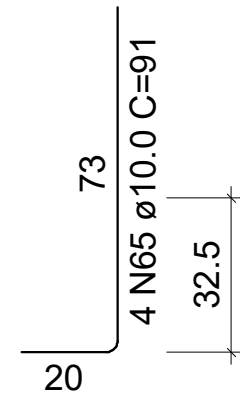


SEÇÃO A-A
ESC 1:25



25 N2 ϕ 5.0 C=95

ESPERA P7
ESC 1:25



3 N3 ϕ 5.0 c/12 C=99

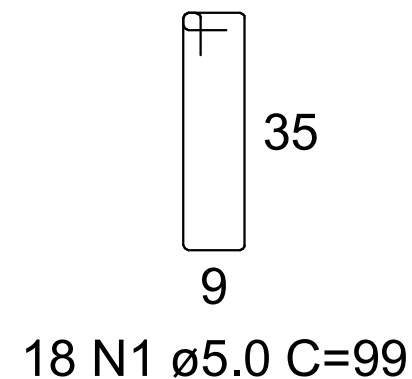
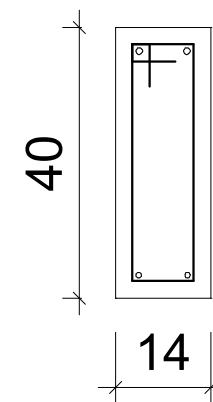
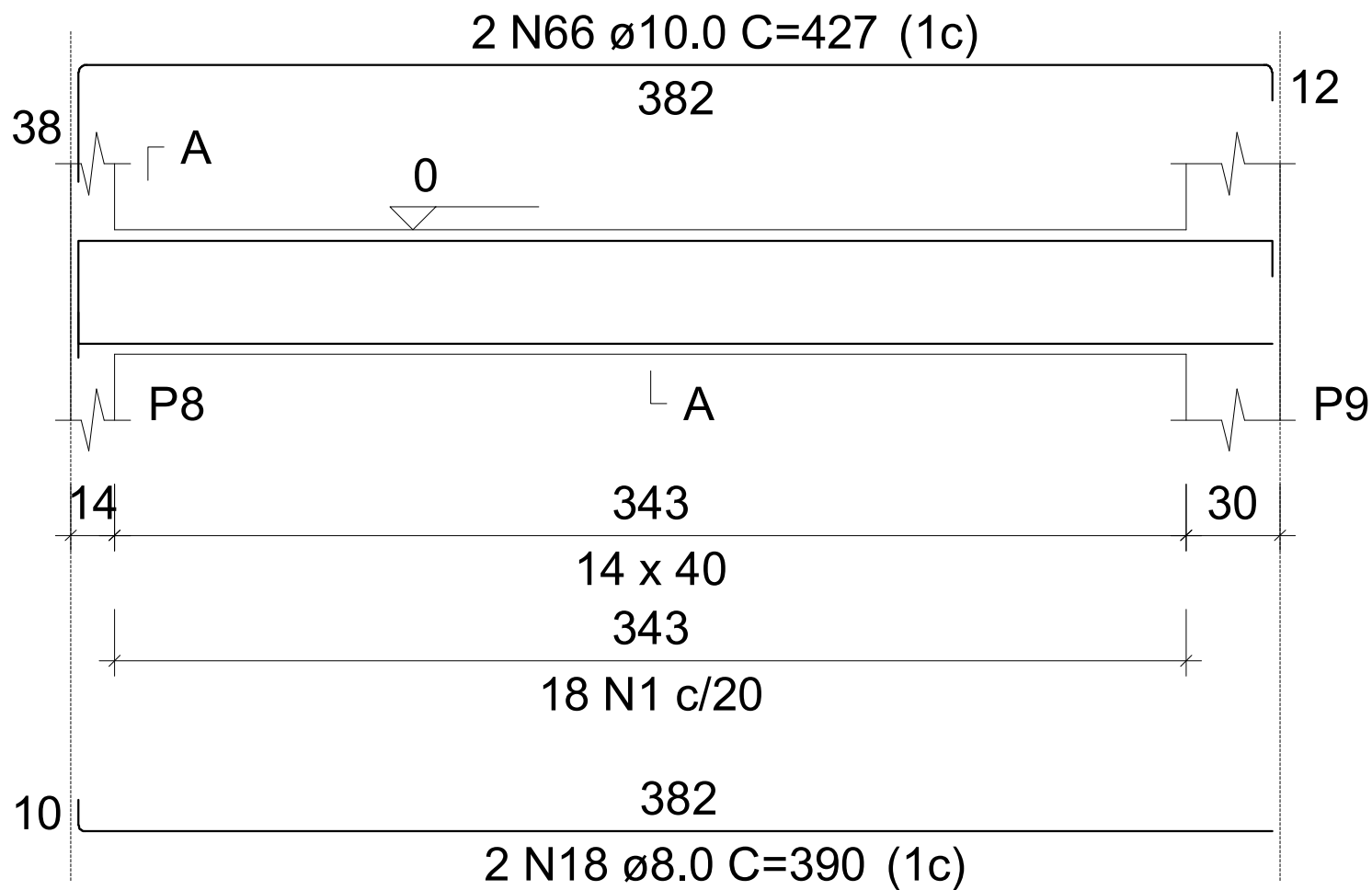
Baldrame

V7

ESC 1:50

SEÇÃO A-A

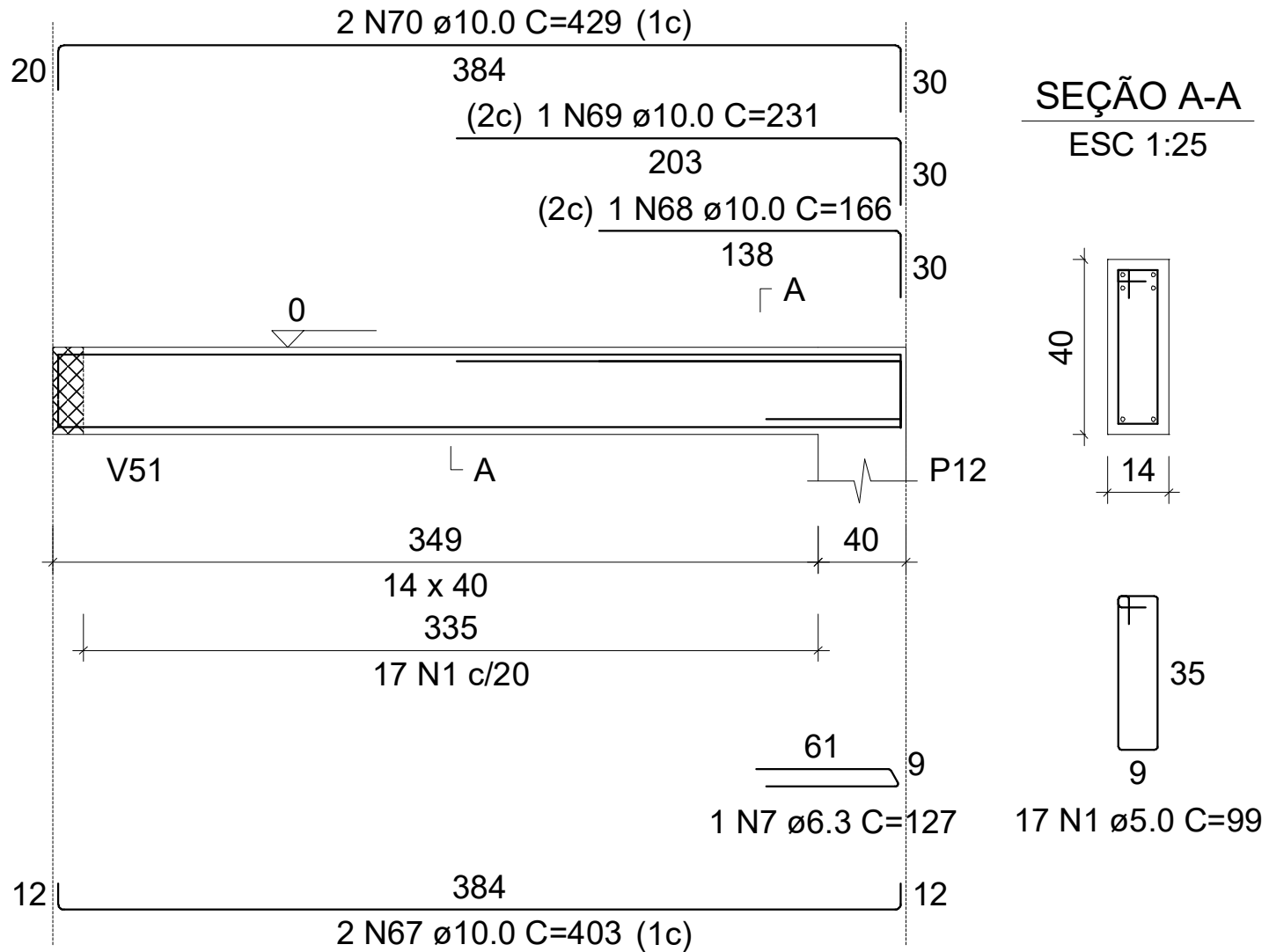
ESC 1:25



Baldrame

V8

ESC 1:50



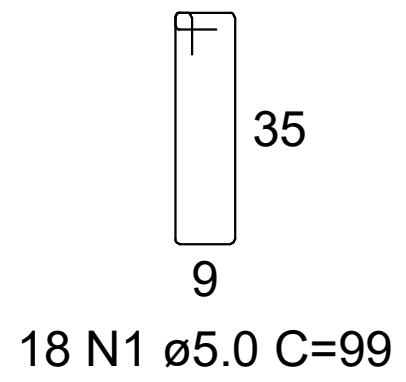
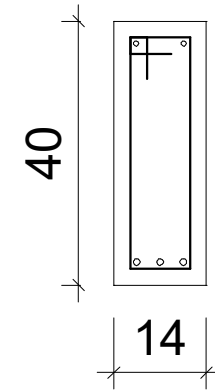
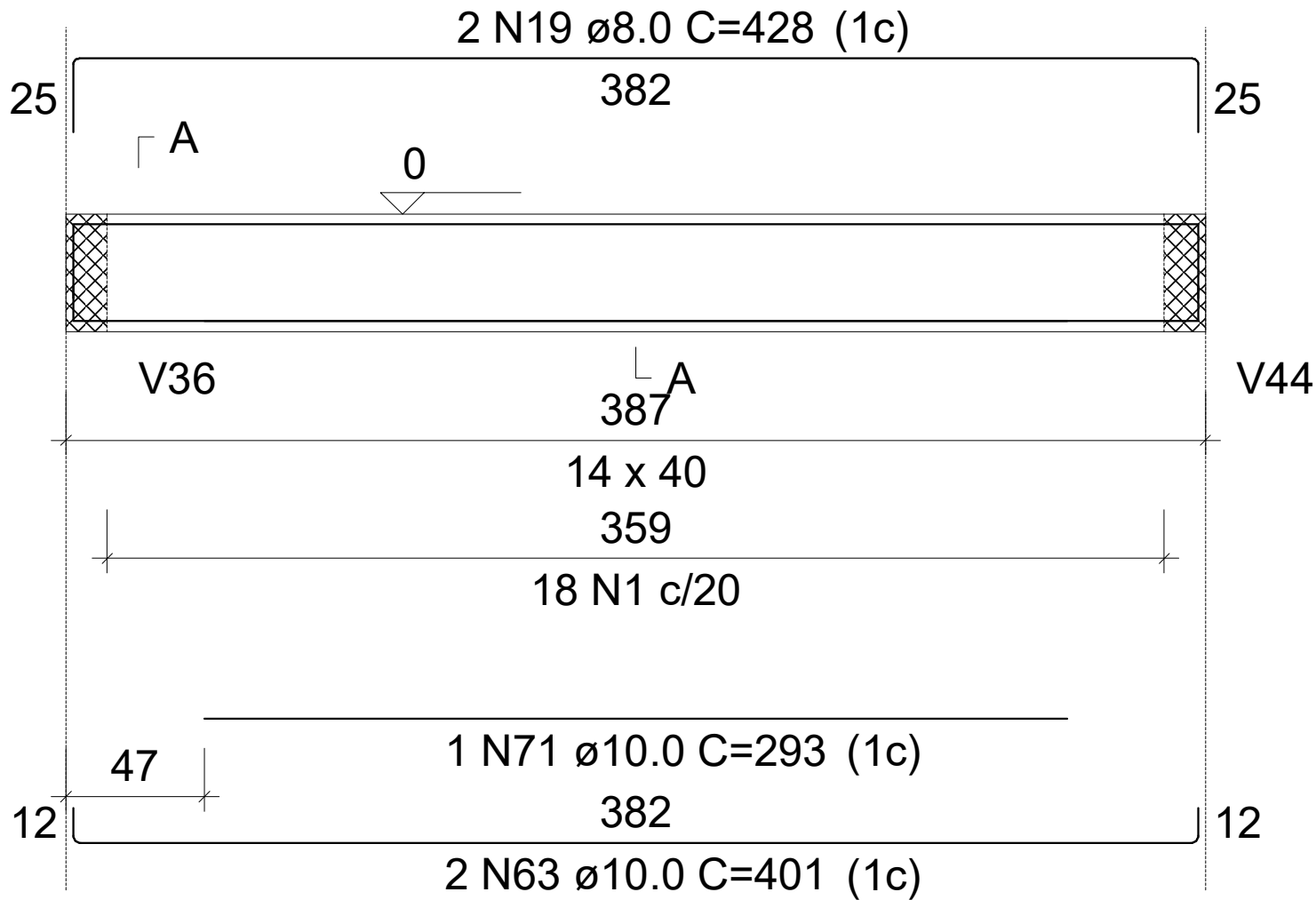
Baldrame

V9

ESC 1:50

SEÇÃO A-A

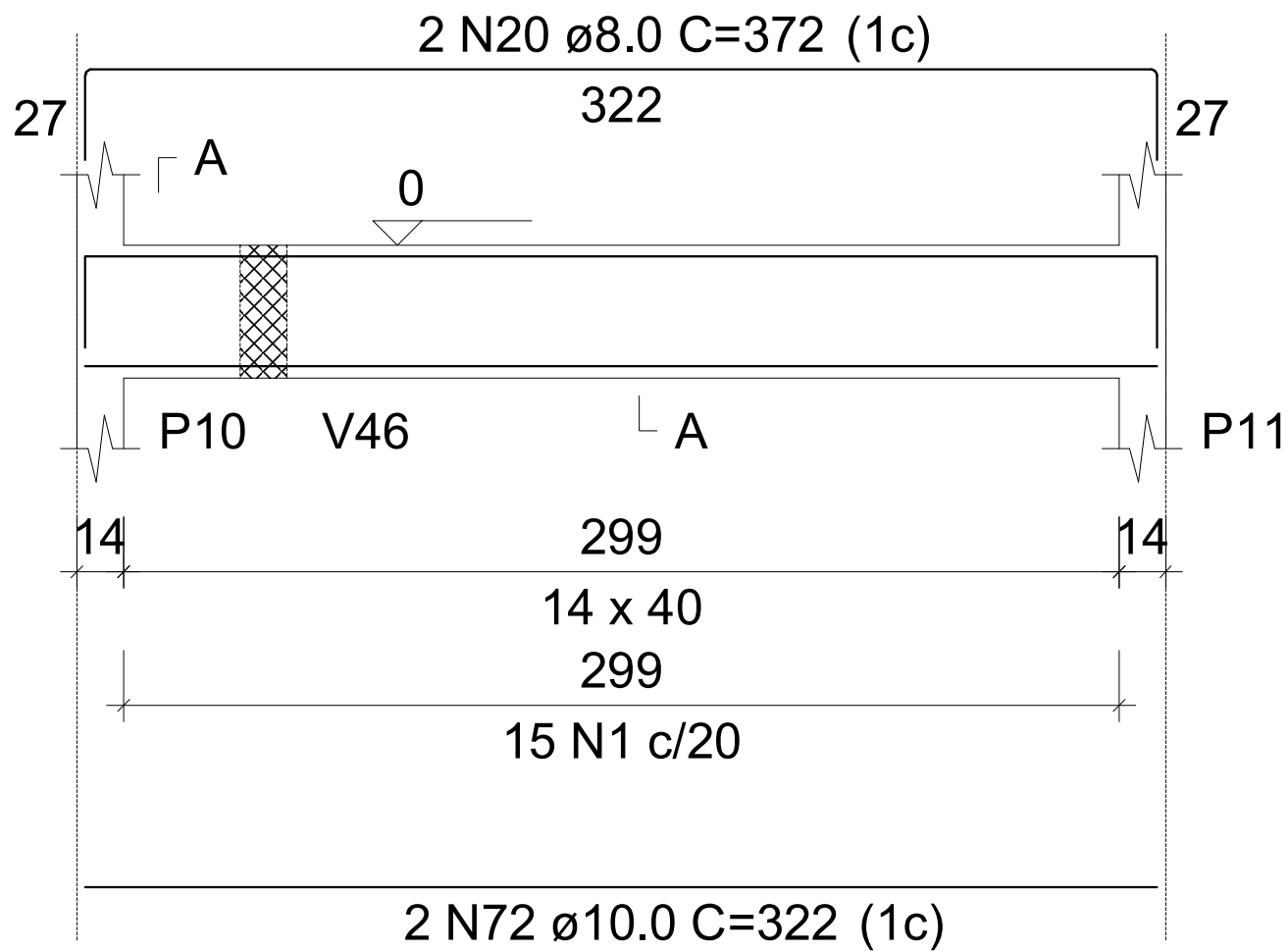
ESC 1:25



Baldrame

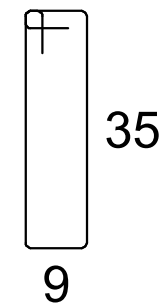
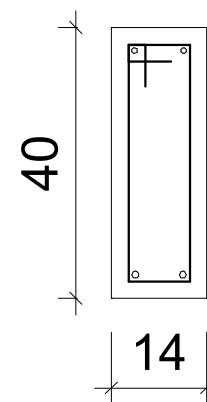
V10

ESC 1:50



SEÇÃO A-A

ESC 1:25



15 N1 \varnothing 5.0 C=99

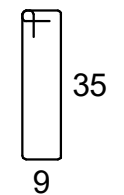
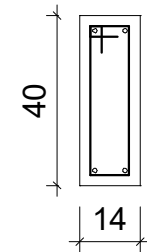
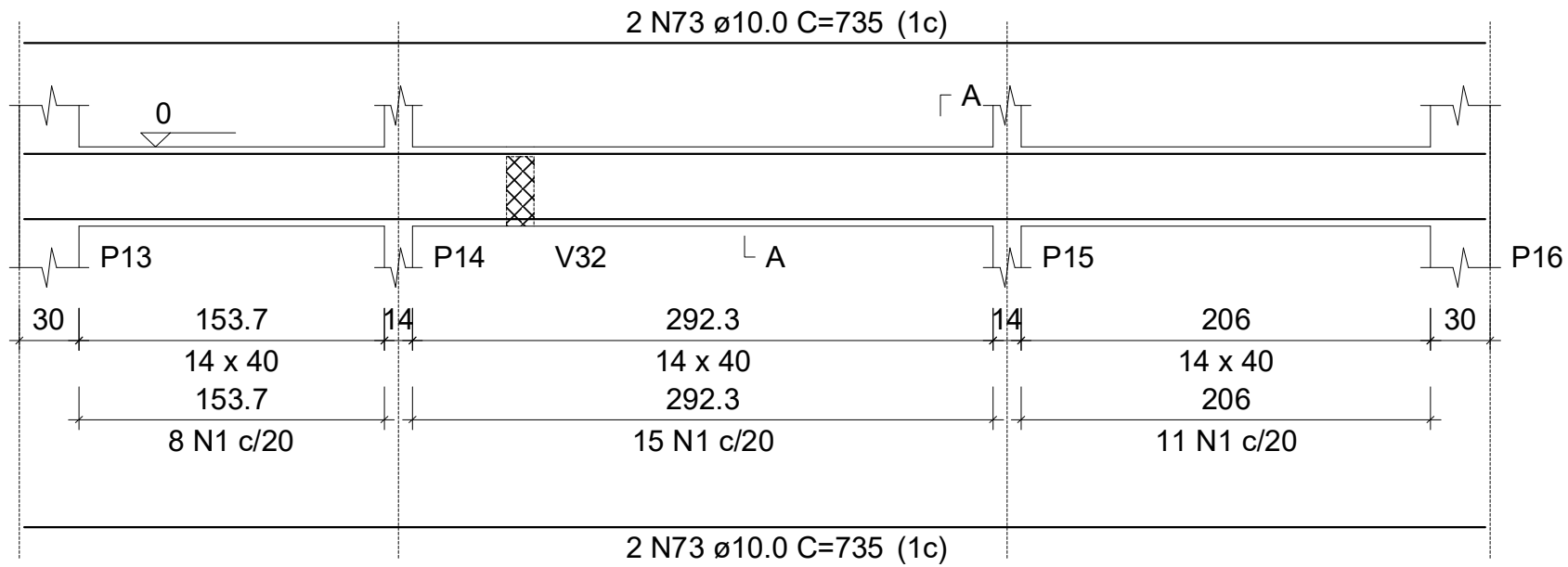
Baldrame

V11

ESC 1:50

SEÇÃO A-A

ESC 1:25

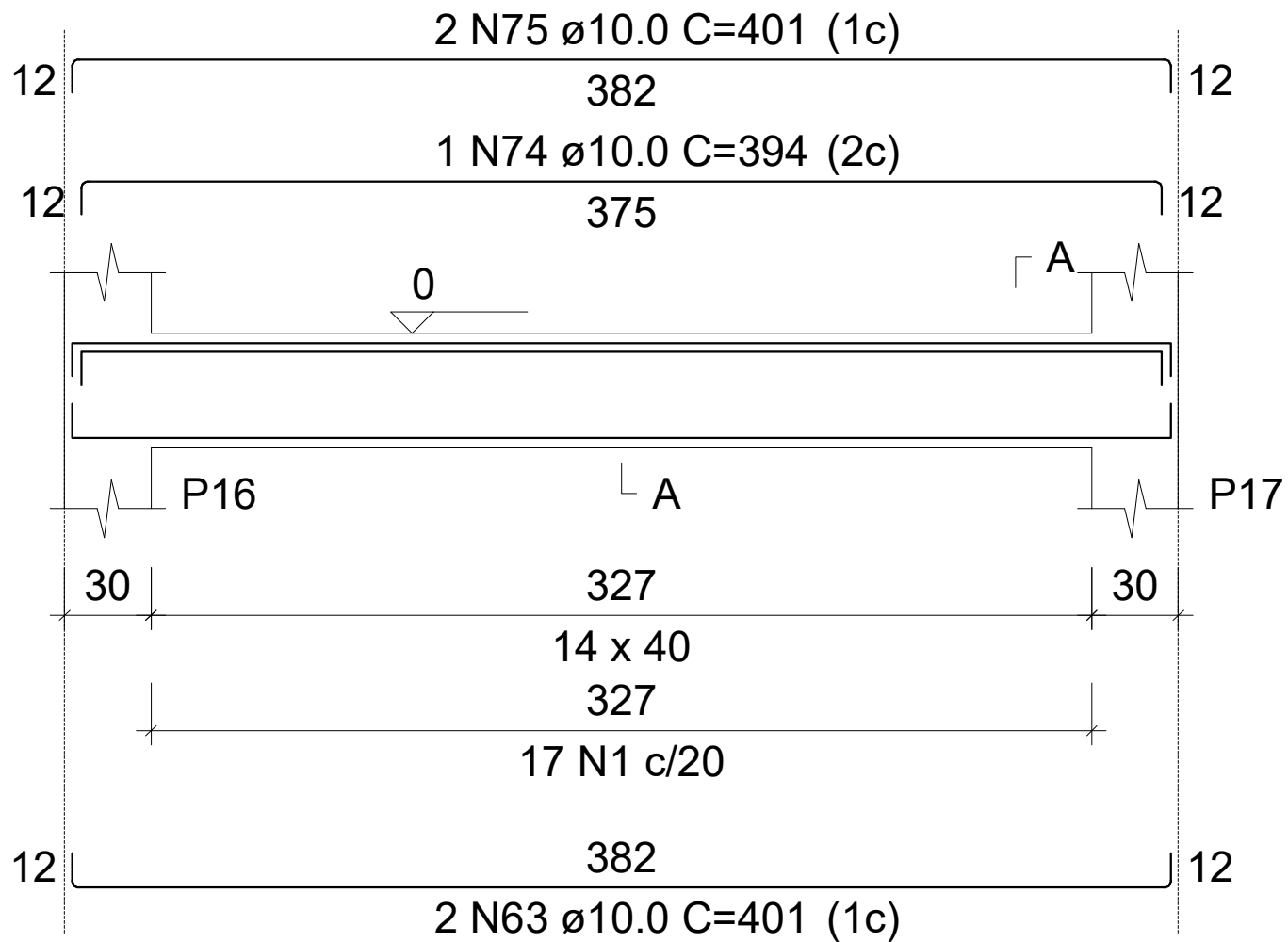


34 N1 \varnothing 5.0 C=99

Baldrame

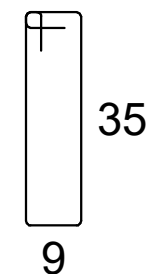
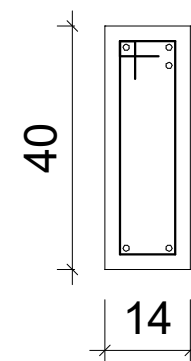
V12

ESC 1:50



SEÇÃO A-A

ESC 1:25

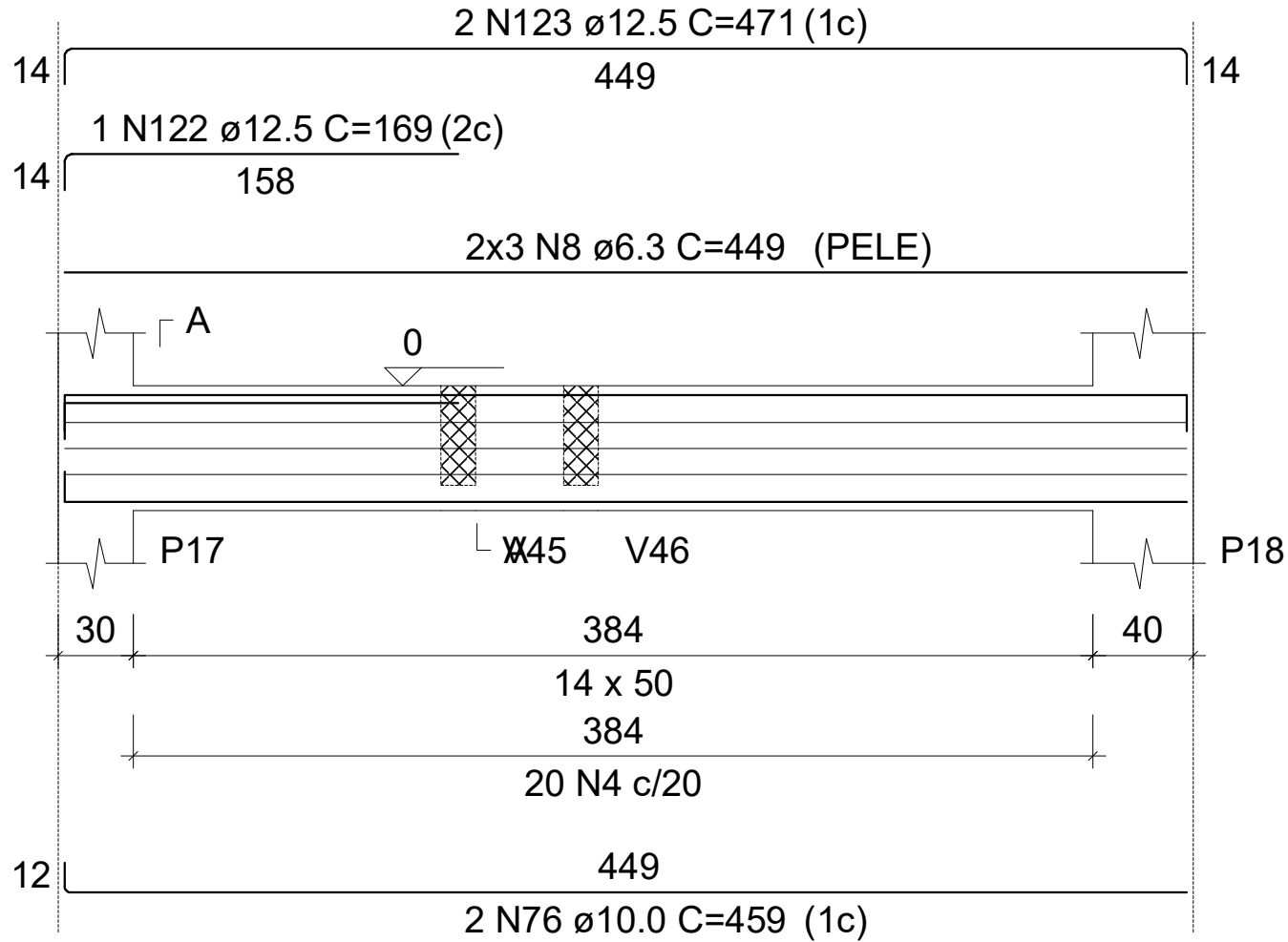


17 N1 \varnothing 5.0 C=99

Baldrame

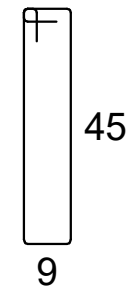
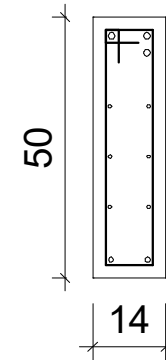
V13

ESC 1:50



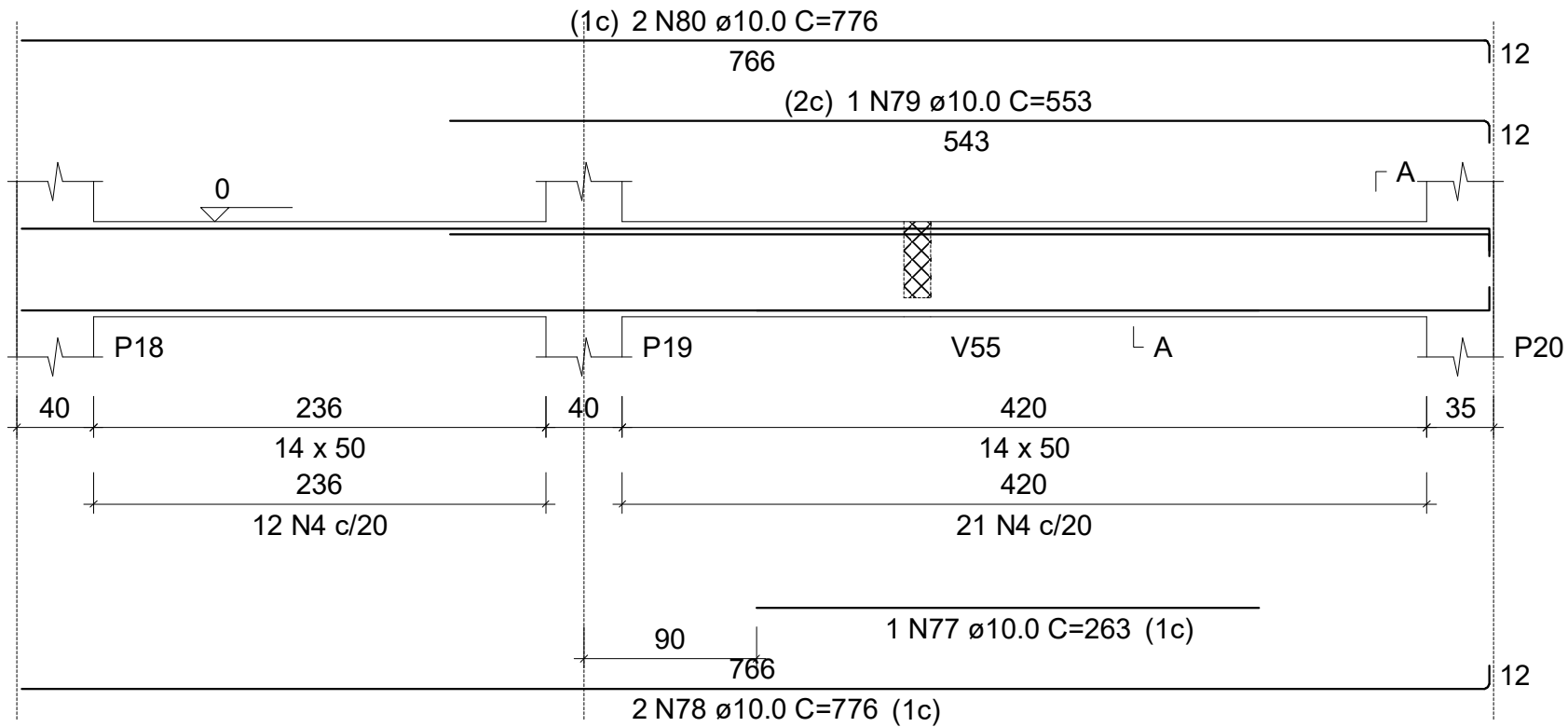
SEÇÃO A-A

ESC 1:25

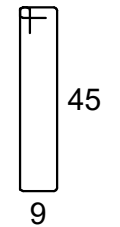
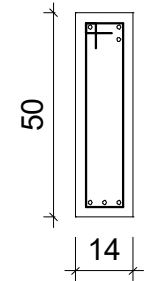


20 N4 ϕ 5.0 C=119

Baldrame
V14
 ESC 1:50



SEÇÃO A-A
 ESC 1:25

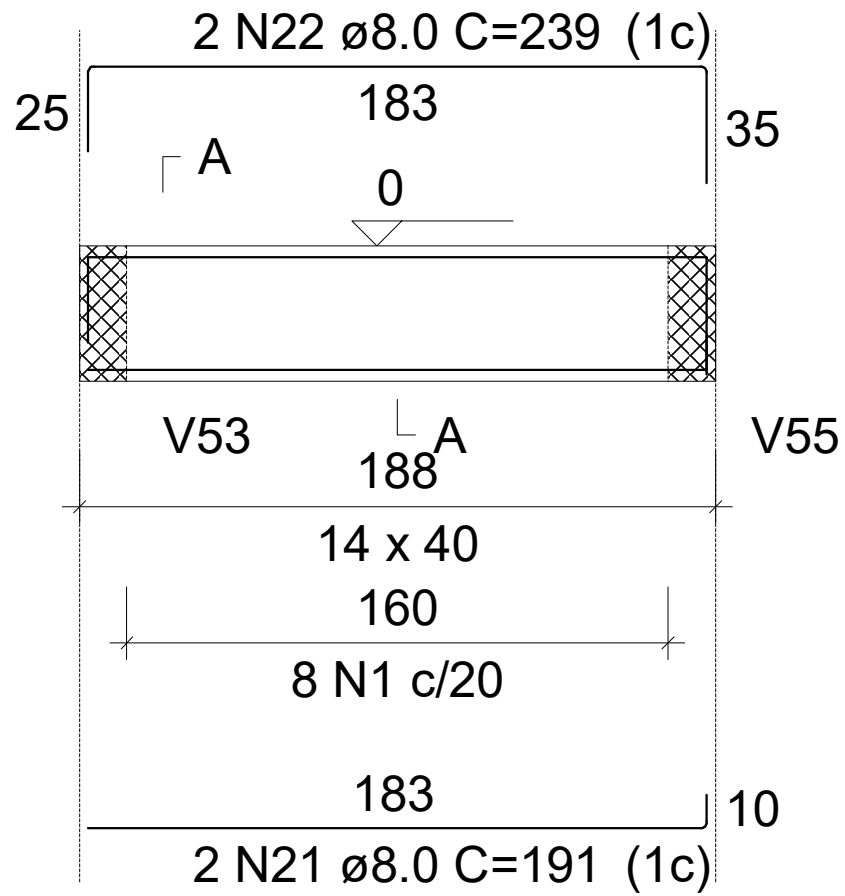


33 N4 \varnothing 5.0 C=119

Baldrame

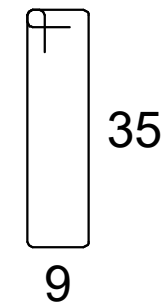
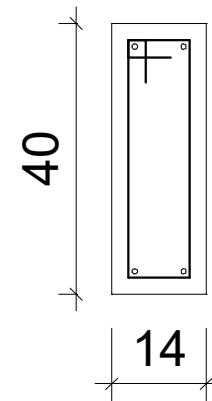
V15

ESC 1:50



SEÇÃO A-A

ESC 1:25

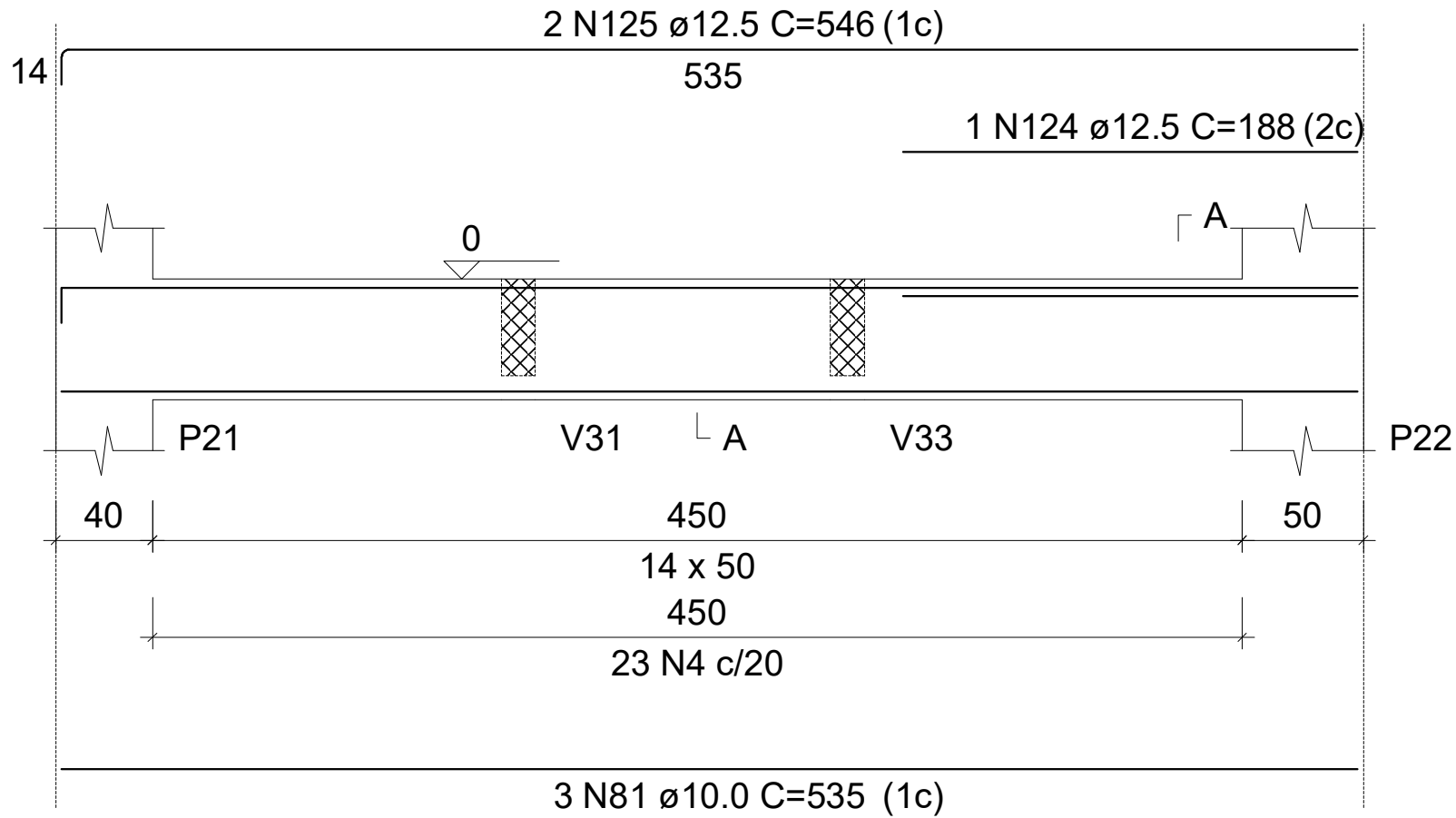


8 N1 \varnothing 5.0 C=99

Baldrame

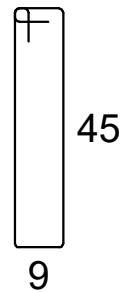
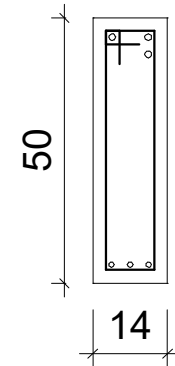
V16

ESC 1:50



SEÇÃO A-A

ESC 1:25

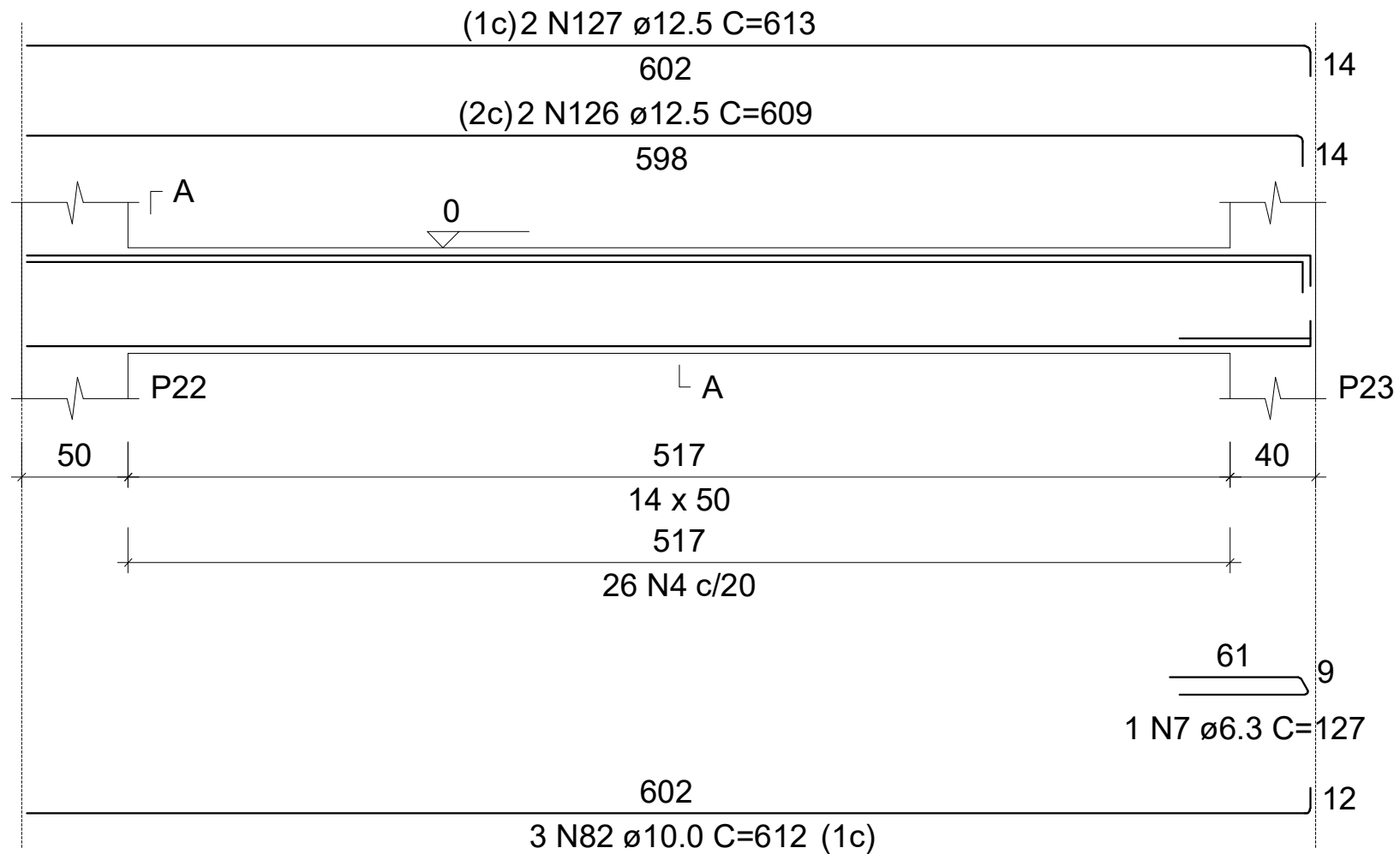


23 N4 ϕ 5.0 C=119

Baldrame

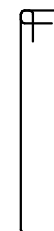
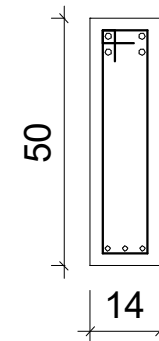
V17

ESC 1:50



SEÇÃO A-A

ESC 1:25

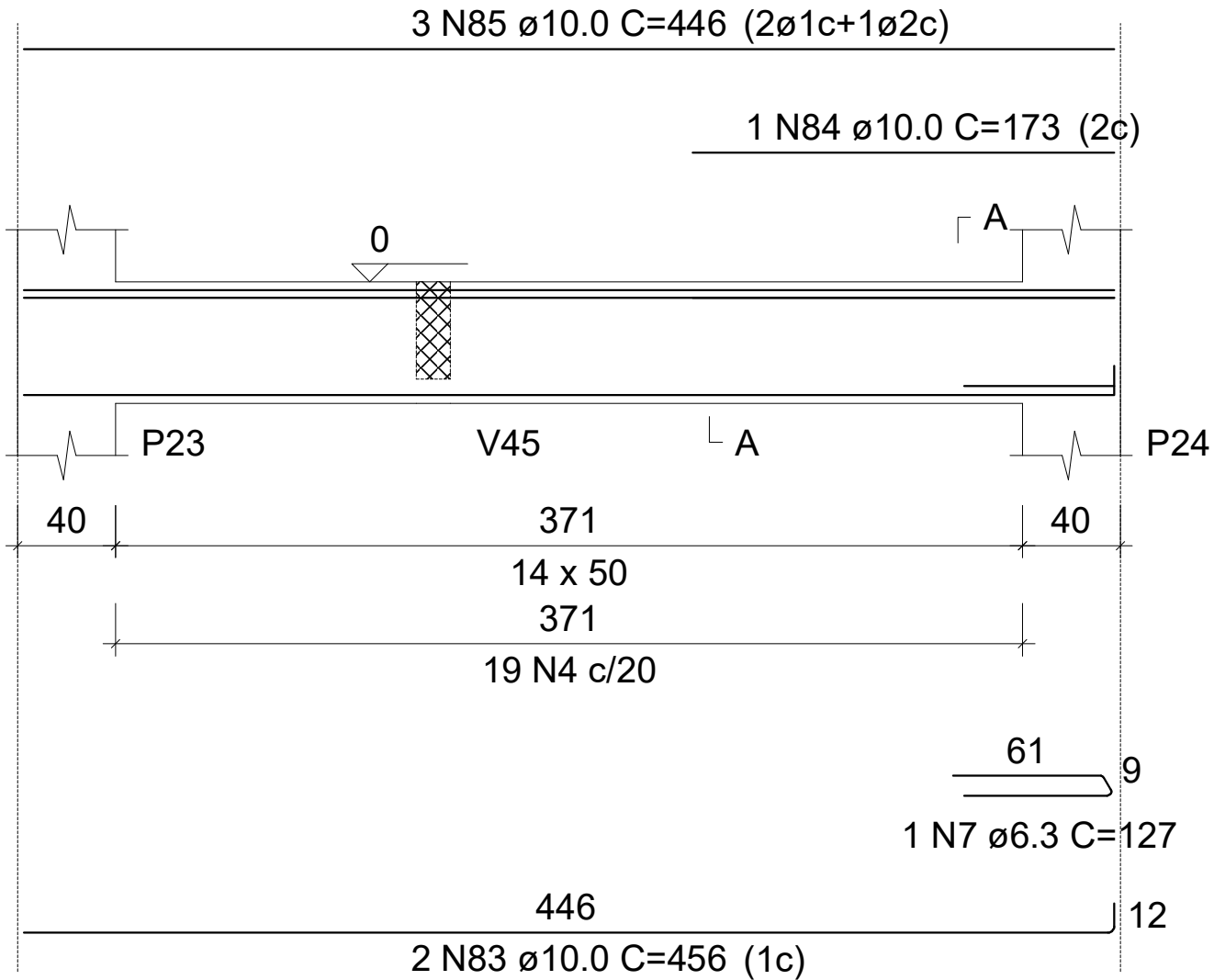


26 N4 \varnothing 5.0 C=119

Baldrame

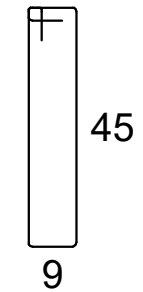
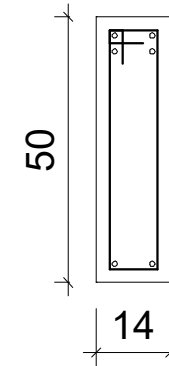
V18

ESC 1:50



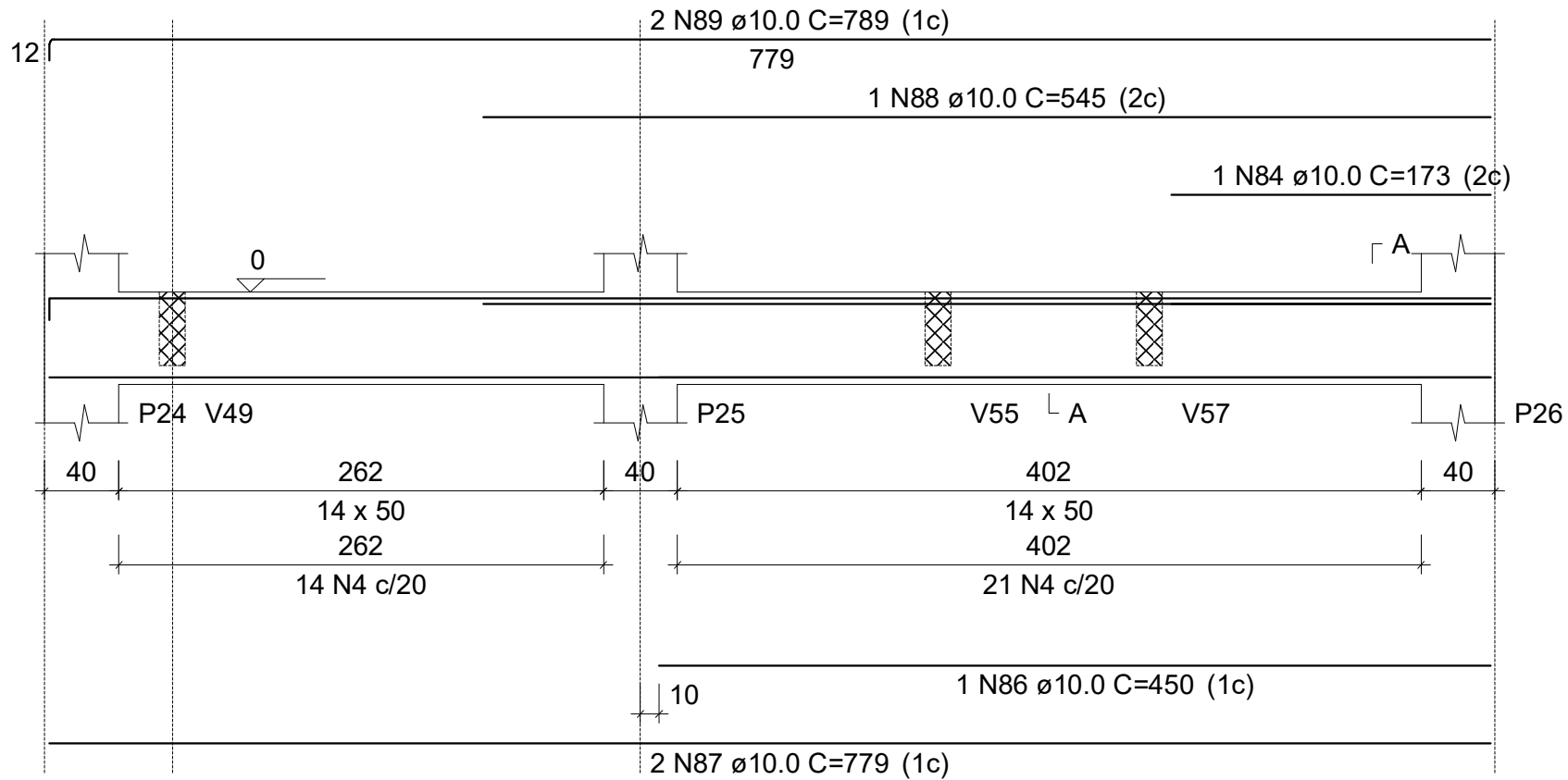
SEÇÃO A-A

ESC 1:25

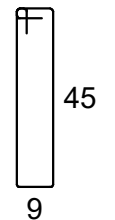
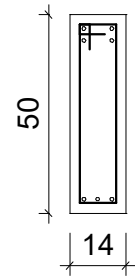


19 N4 \varnothing 5.0 C=119

Baldrame
V19
 ESC 1:50

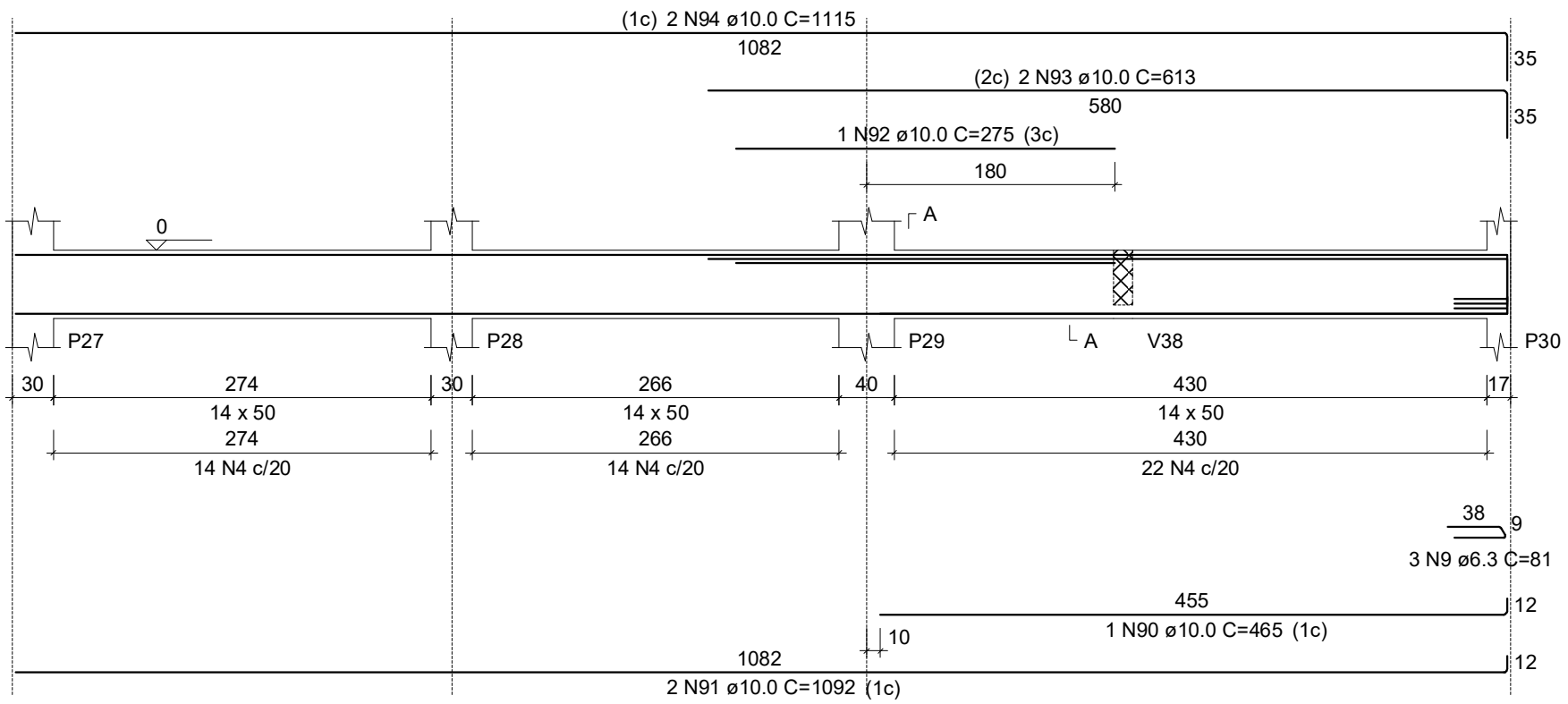


SEÇÃO A-A
 ESC 1:25

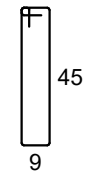
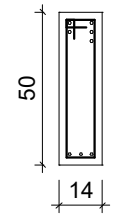


35 N4 ϕ 5.0 C=119

Baldrame
V20
 ESC 1:50



SEÇÃO A-A
 ESC 1:25

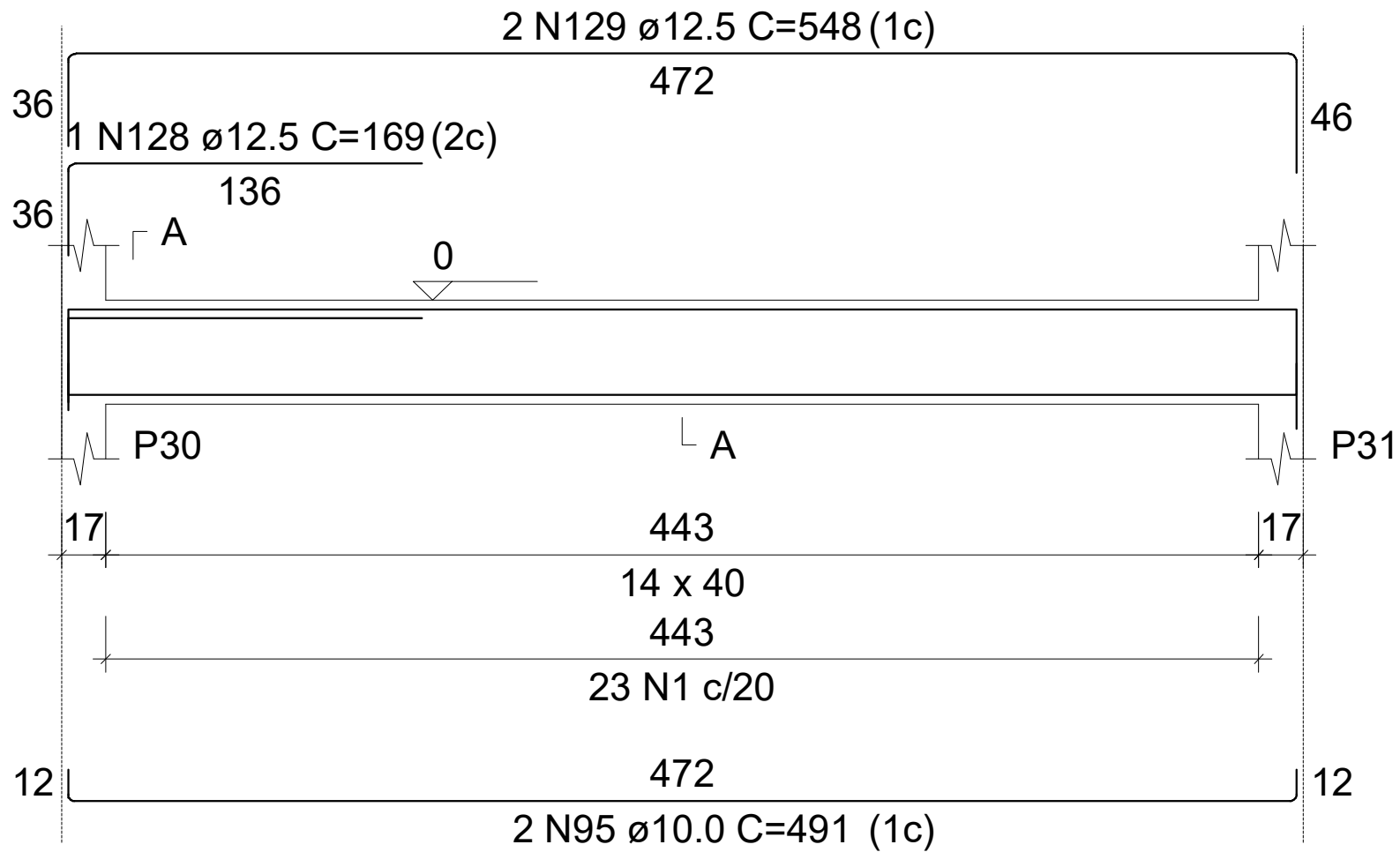


50 N4 ϕ 5.0 C=119

Baldrame

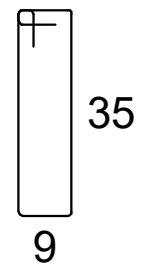
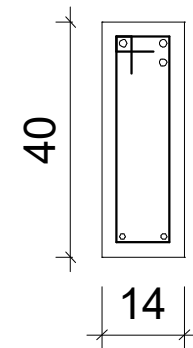
V21

ESC 1:50



SEÇÃO A-A

ESC 1:25

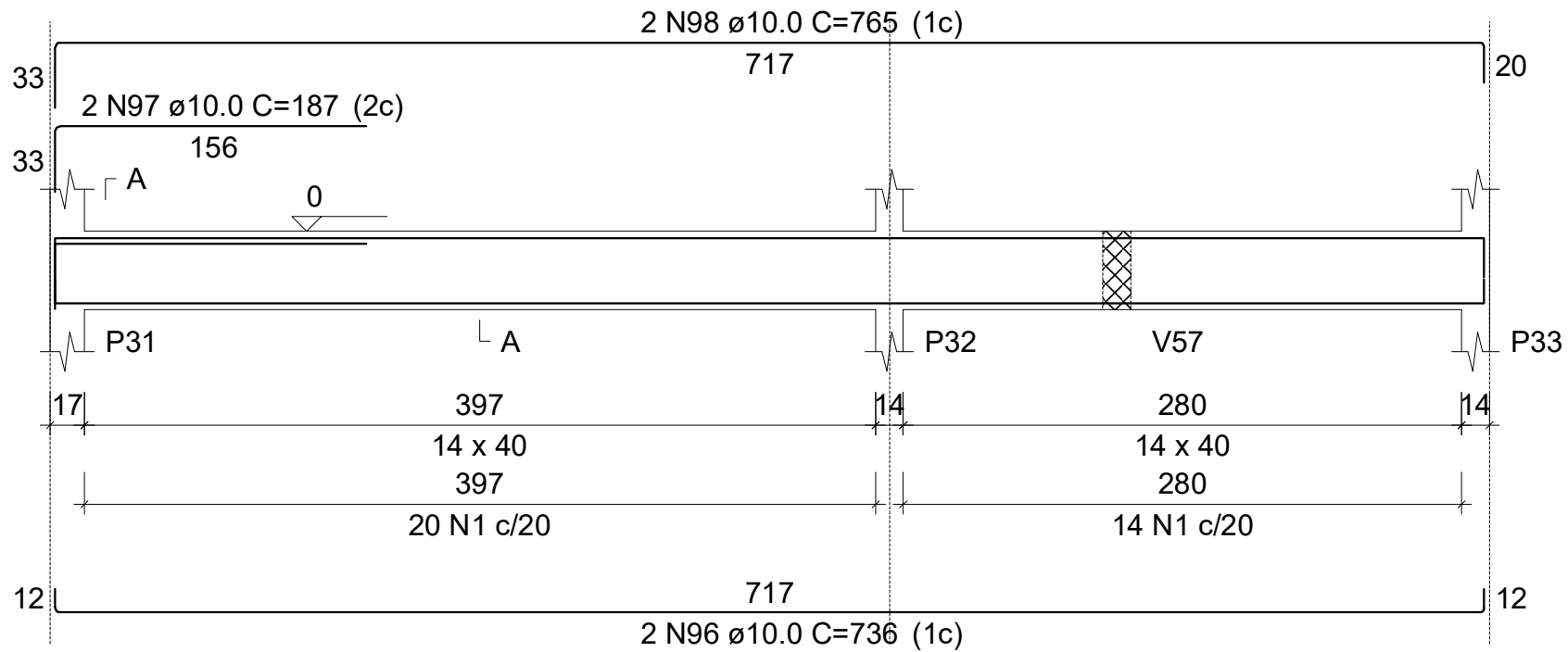


23 N1 \varnothing 5.0 C=99

Baldrame

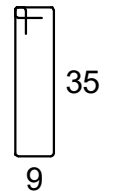
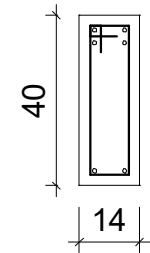
V22

ESC 1:50



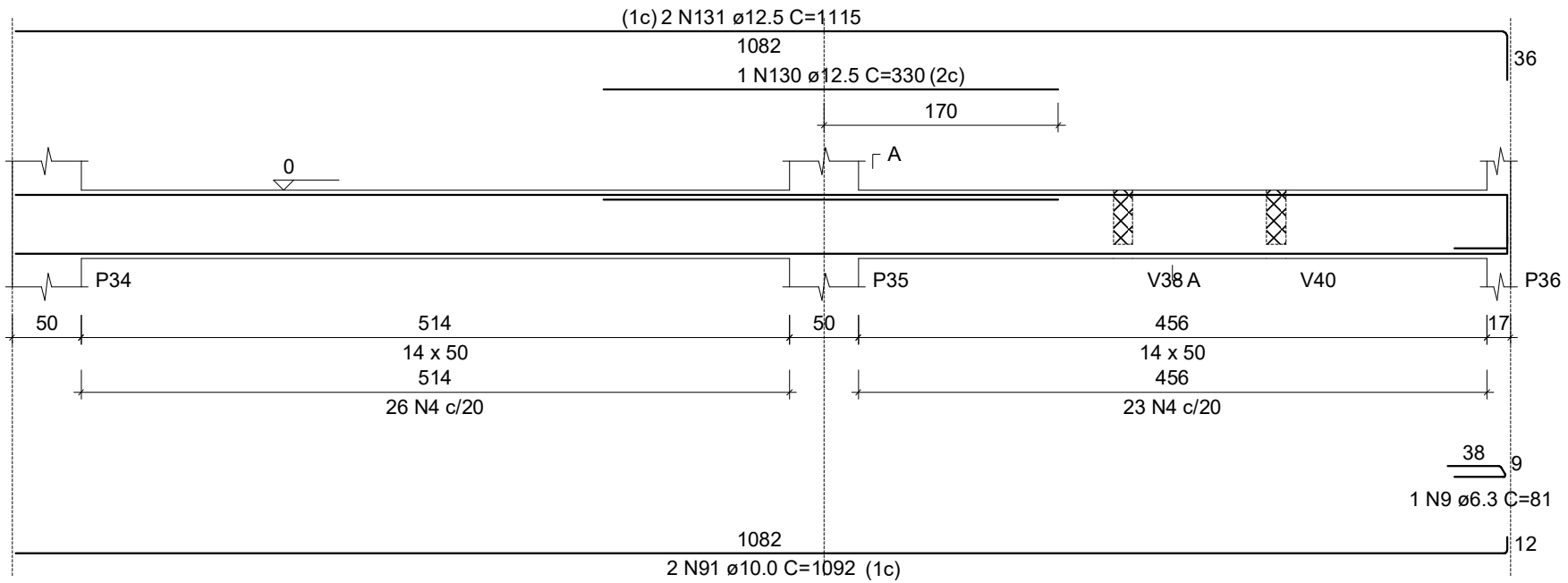
SEÇÃO A-A

ESC 1:25

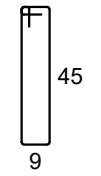
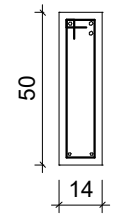


34 N1 $\varnothing 5.0$ C=99

Baldrame
V23
 ESC 1:50

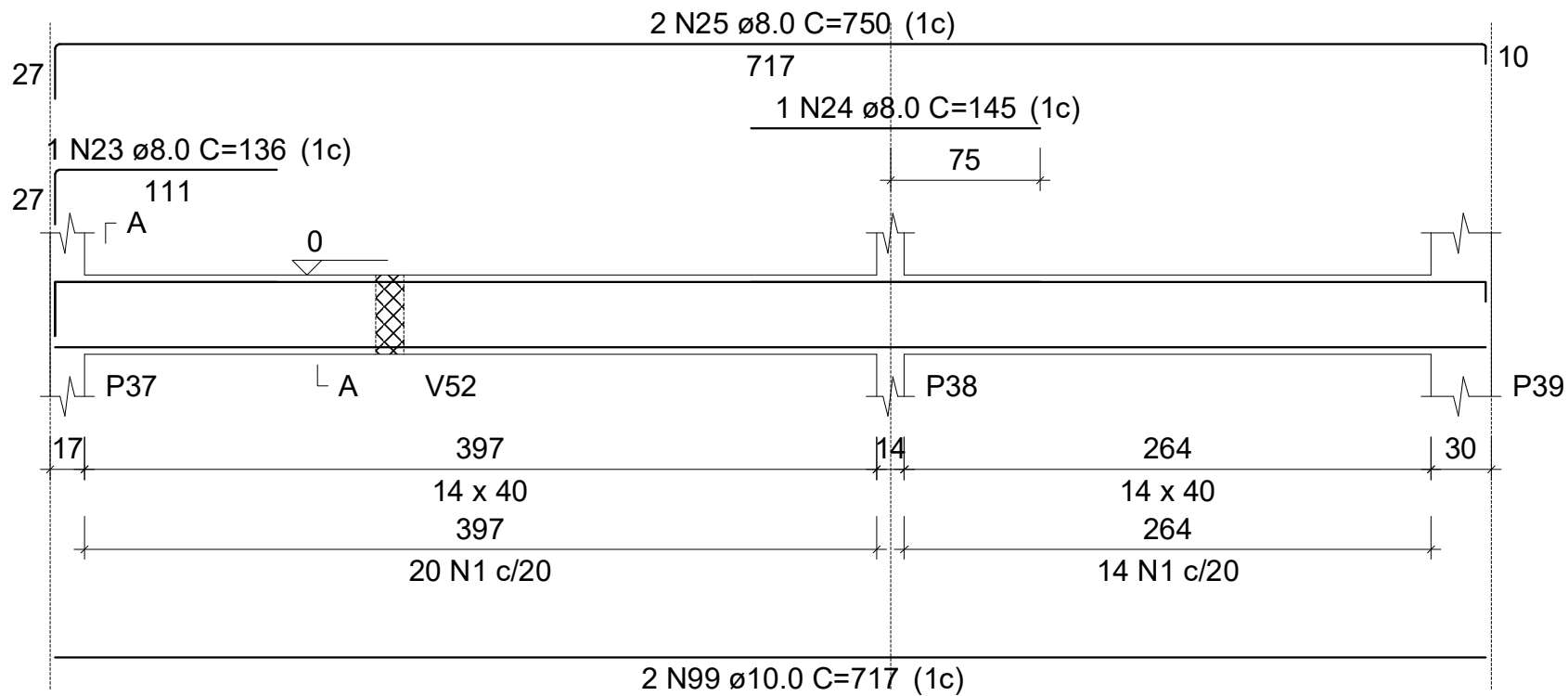


SEÇÃO A-A
 ESC 1:25

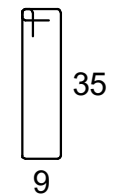
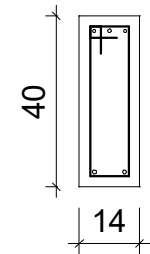


49 N4 ϕ 5.0 C=119

Baldrame
V24
 ESC 1:50



SEÇÃO A-A
 ESC 1:25



34 N1 \varnothing 5.0 C=99

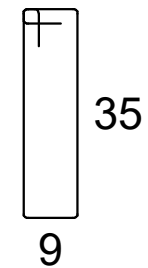
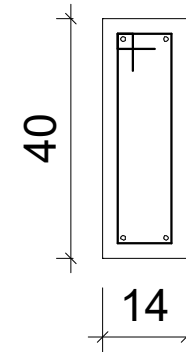
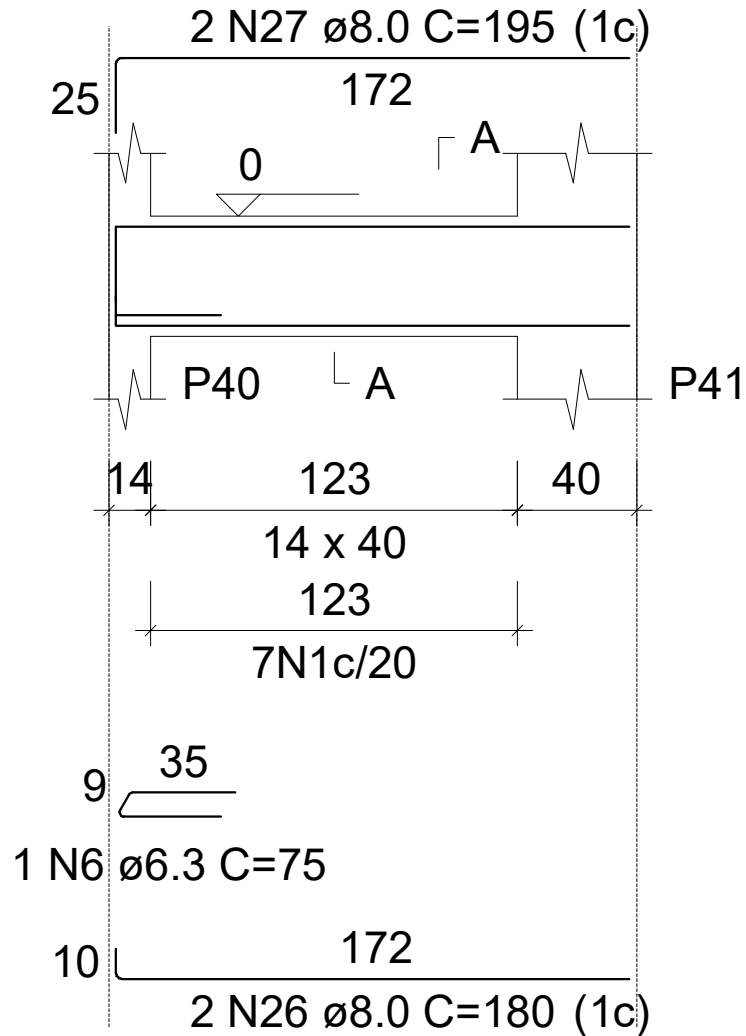
Baldrame

V25

ESC 1:50

SEÇÃO A-A

ESC 1:25



7 N1 \varnothing 5.0 C=99

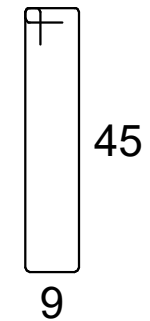
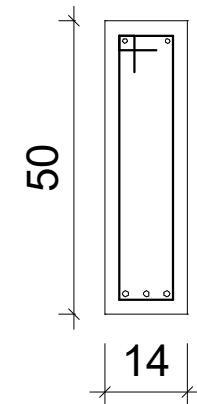
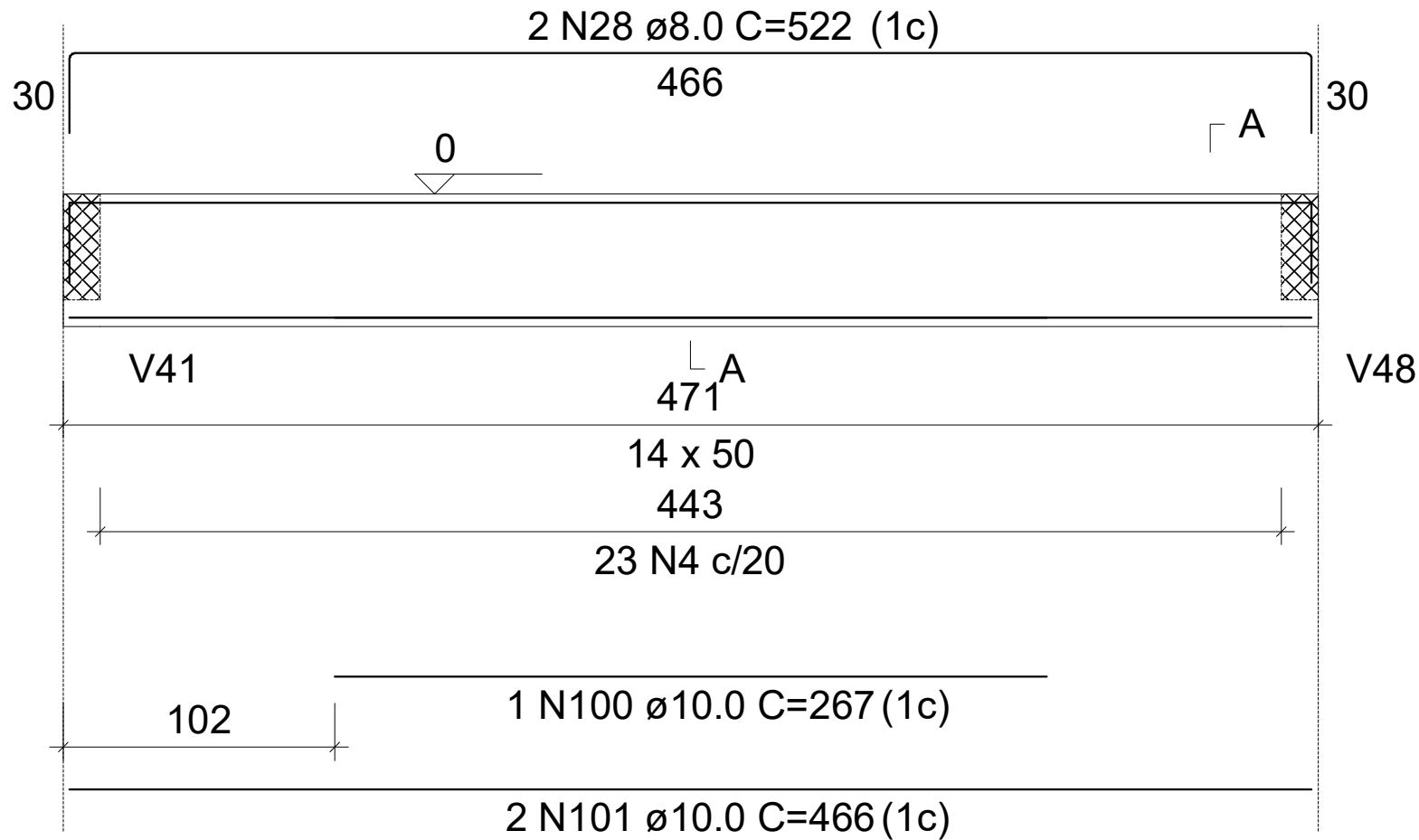
Baldrame

V26

ESC 1:50

SEÇÃO A-A

ESC 1:25



23 N4 ϕ 5.0 C=119

Baldrame

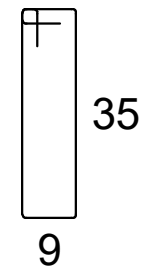
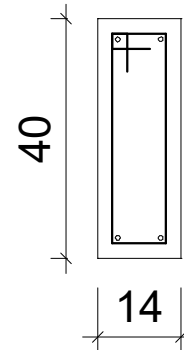
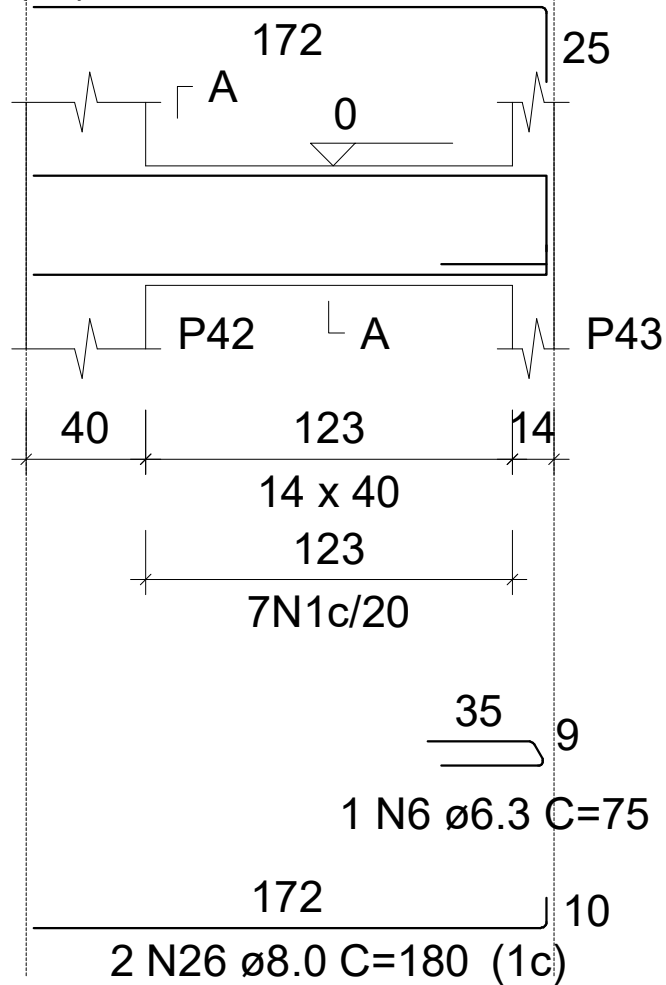
V27

ESC 1:50

SEÇÃO A-A

ESC 1:25

(1c) 2 N27 \varnothing 8.0 C=195



7 N1 \varnothing 5.0 C=99

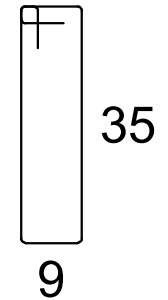
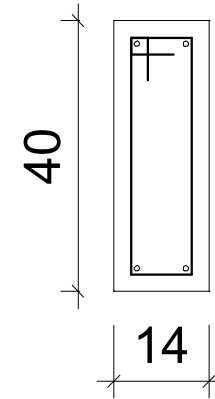
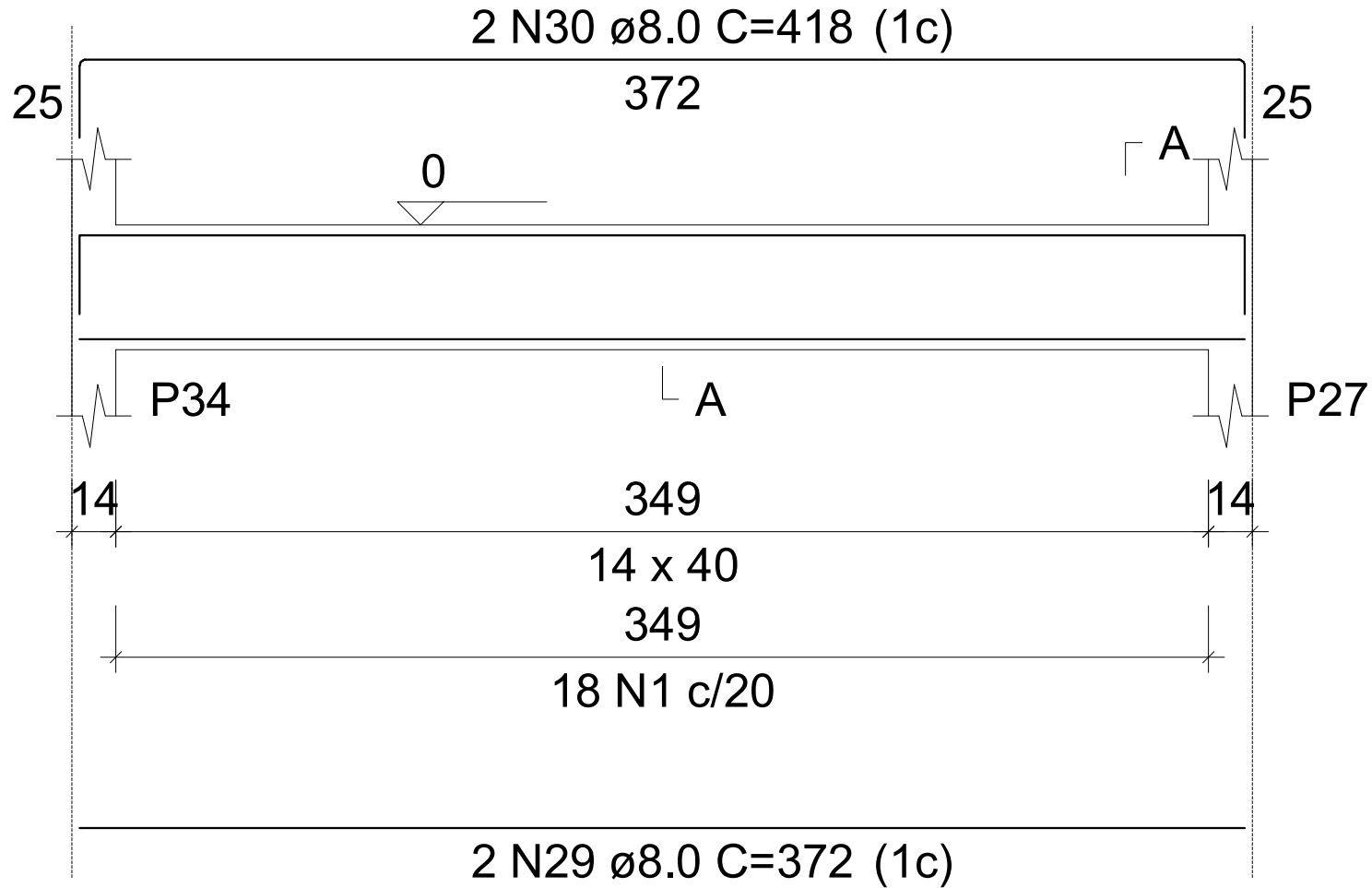
Baldrame

V28

ESC 1:50

SEÇÃO A-A

ESC 1:25



18 N1 \varnothing 5.0 C=99

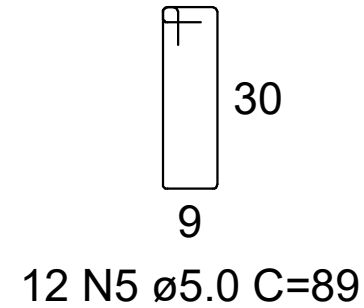
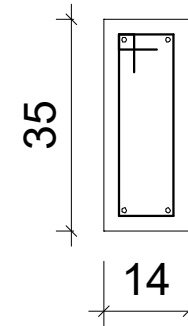
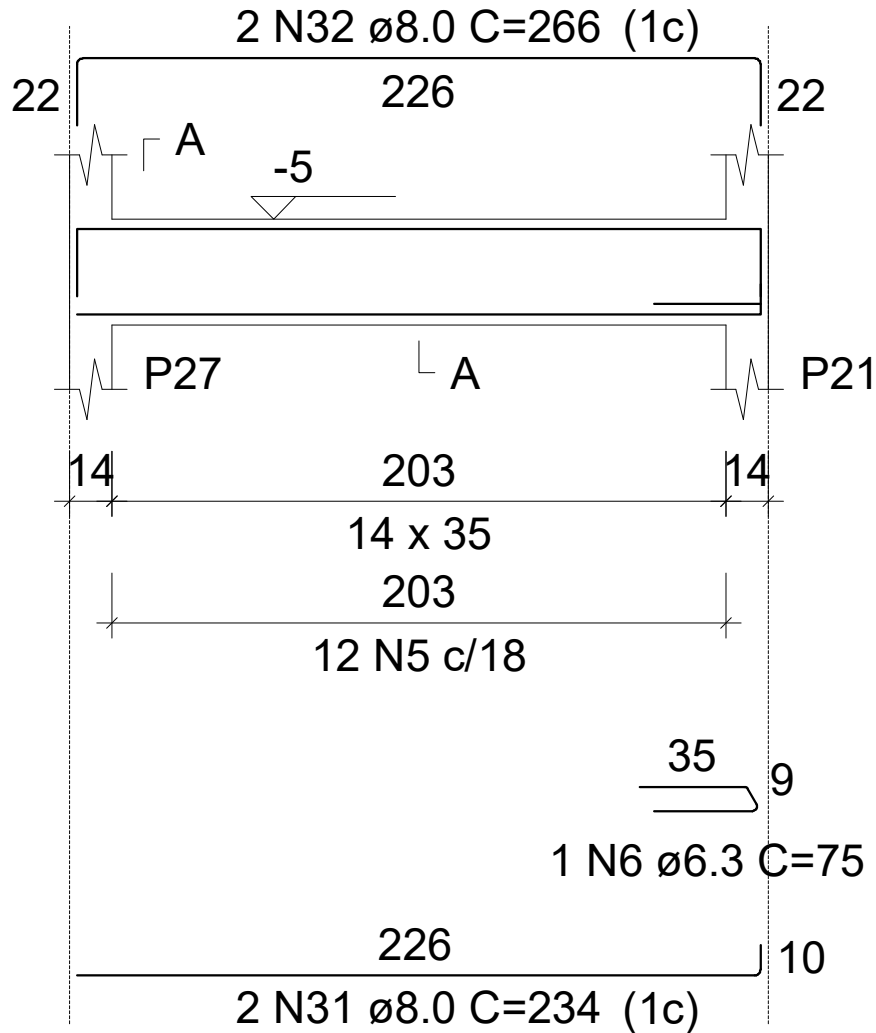
Baldrame

V29

ESC 1:50

SEÇÃO A-A

ESC 1:25



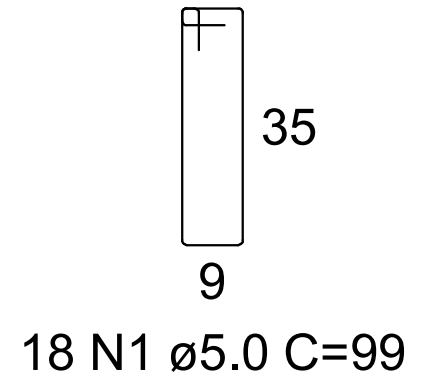
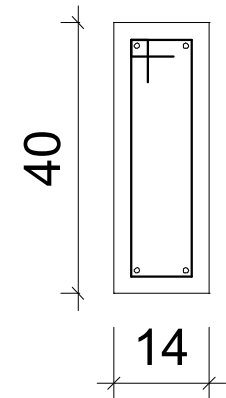
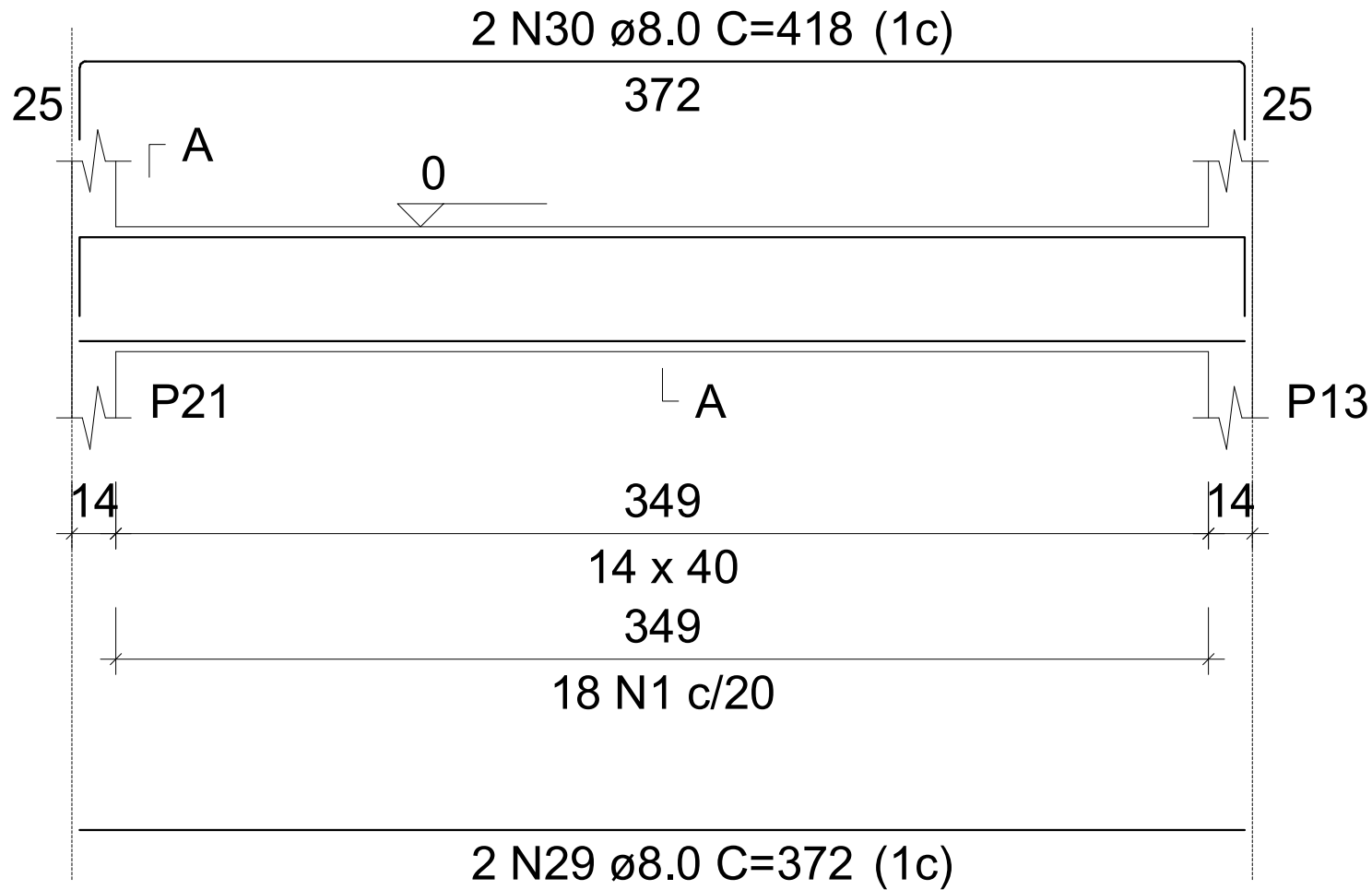
Baldrame

V30

ESC 1:50

SEÇÃO A-A

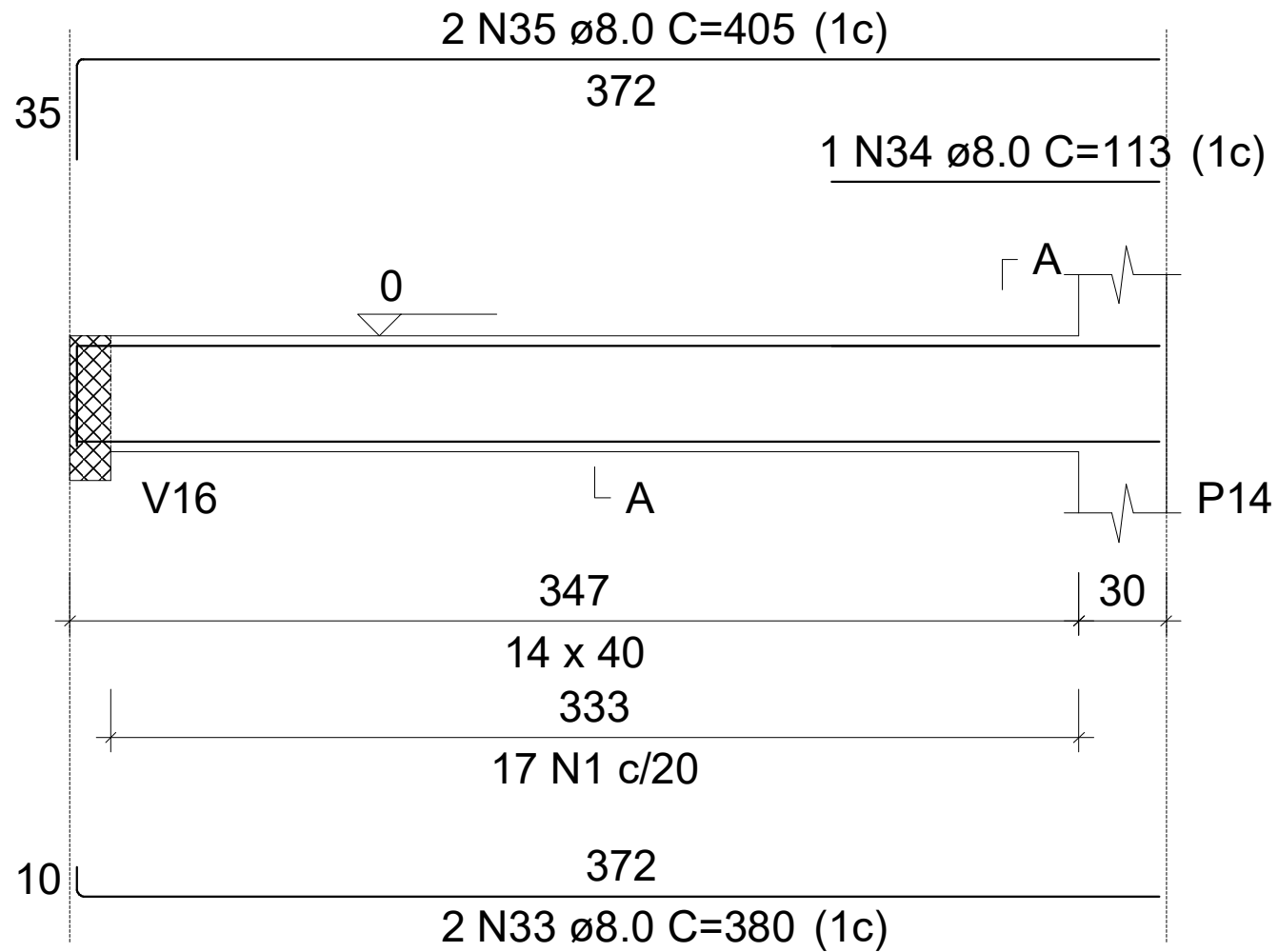
ESC 1:25



Baldrame

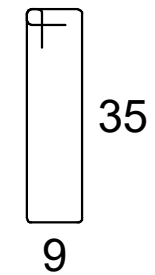
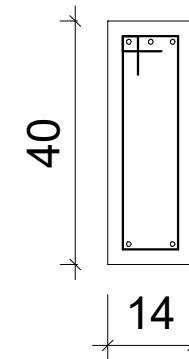
V31

ESC 1:50



SEÇÃO A-A

ESC 1:25

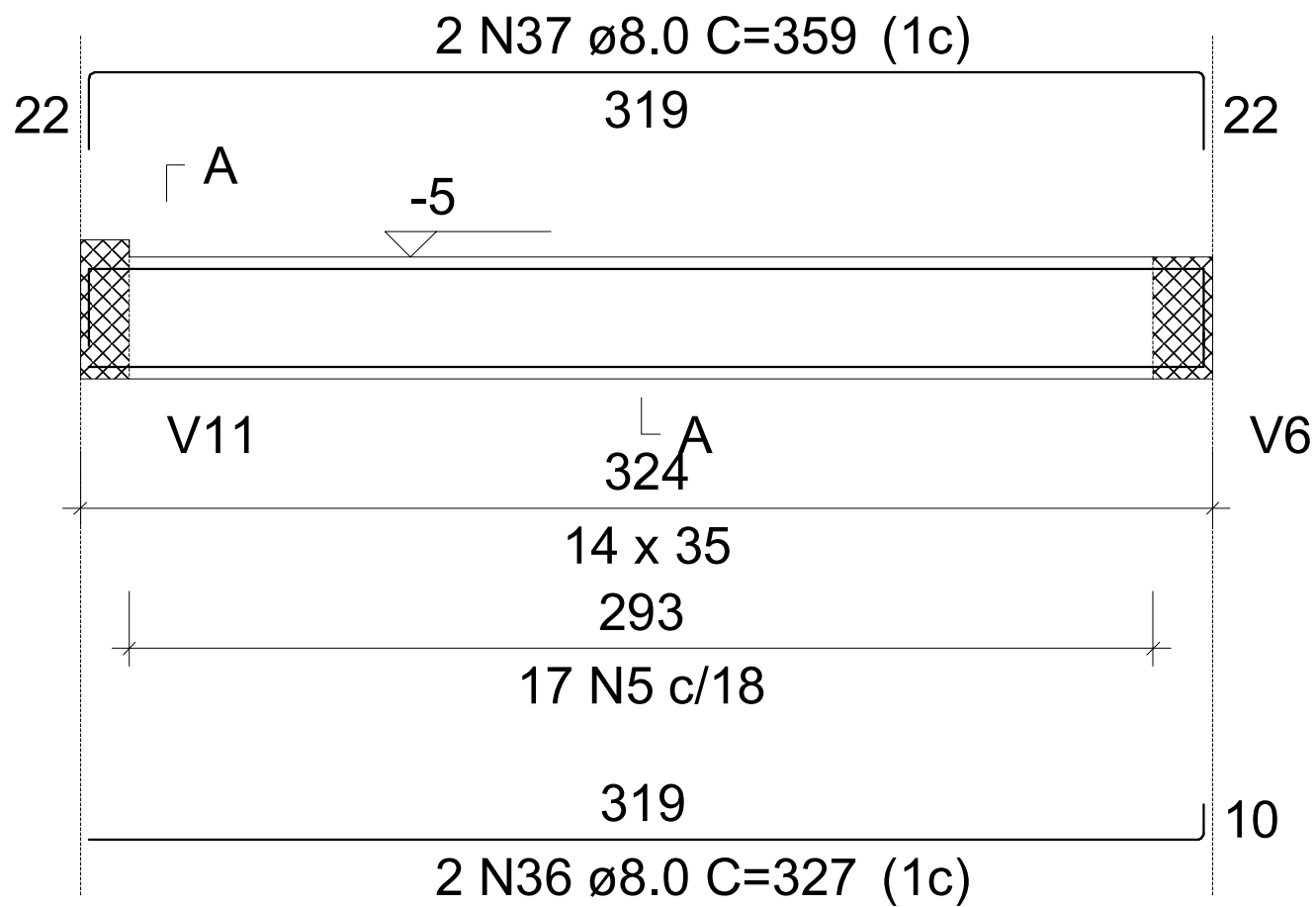


17 N1 ϕ 5.0 C=99

Baldrame

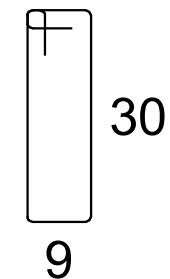
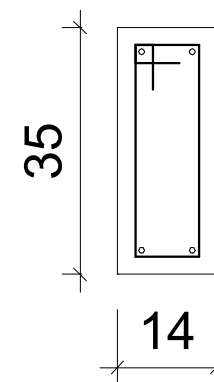
V32

ESC 1:50



SEÇÃO A-A

ESC 1:25



17 N5 \varnothing 5.0 C=89

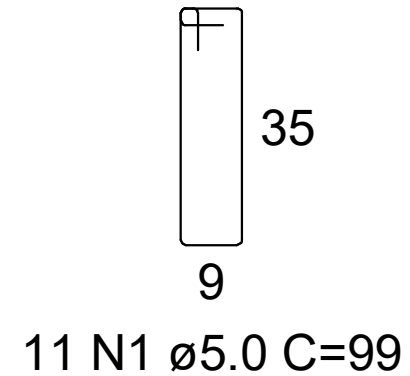
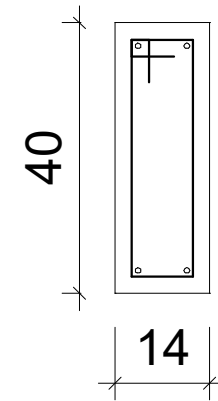
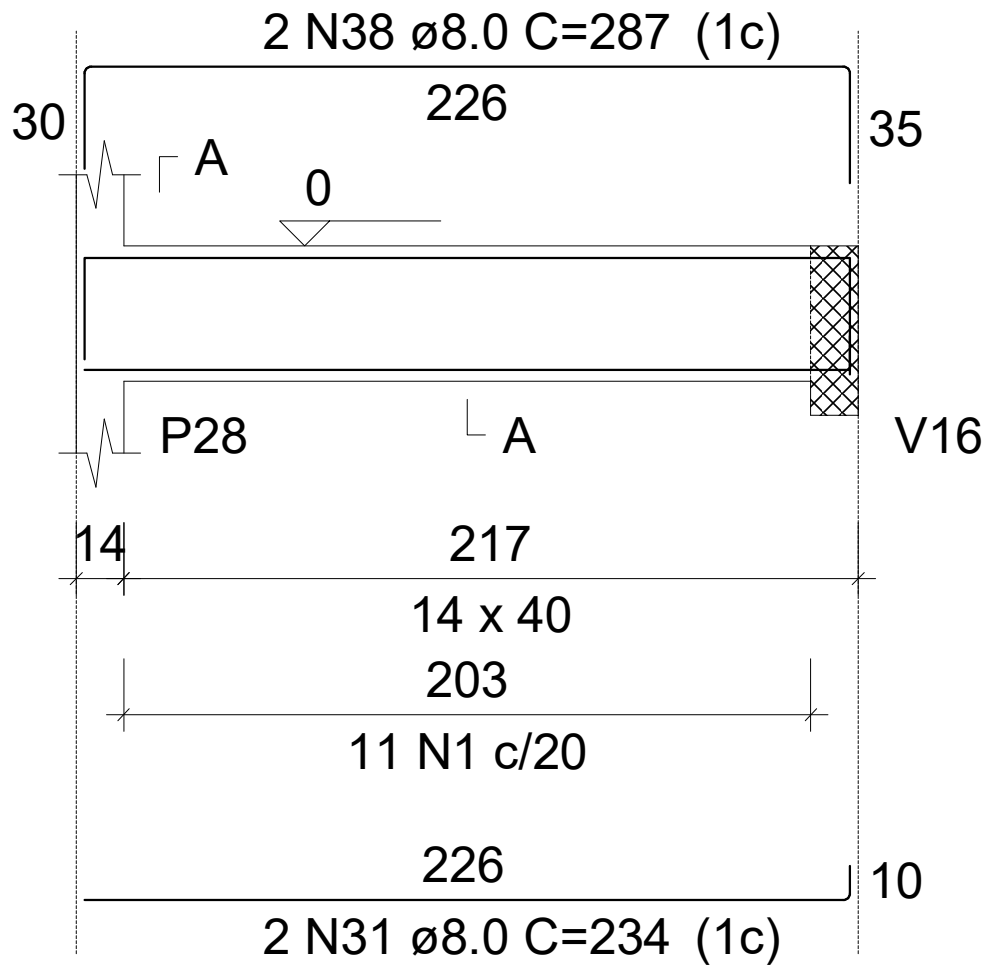
Baldrame

V33

ESC 1:50

SEÇÃO A-A

ESC 1:25



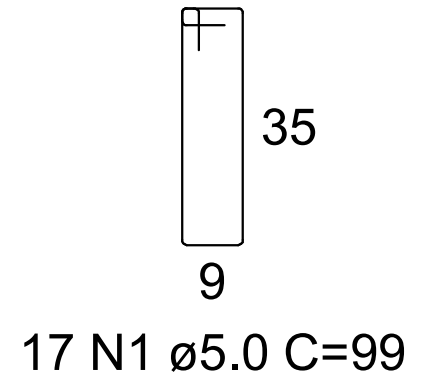
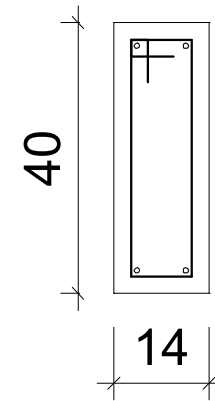
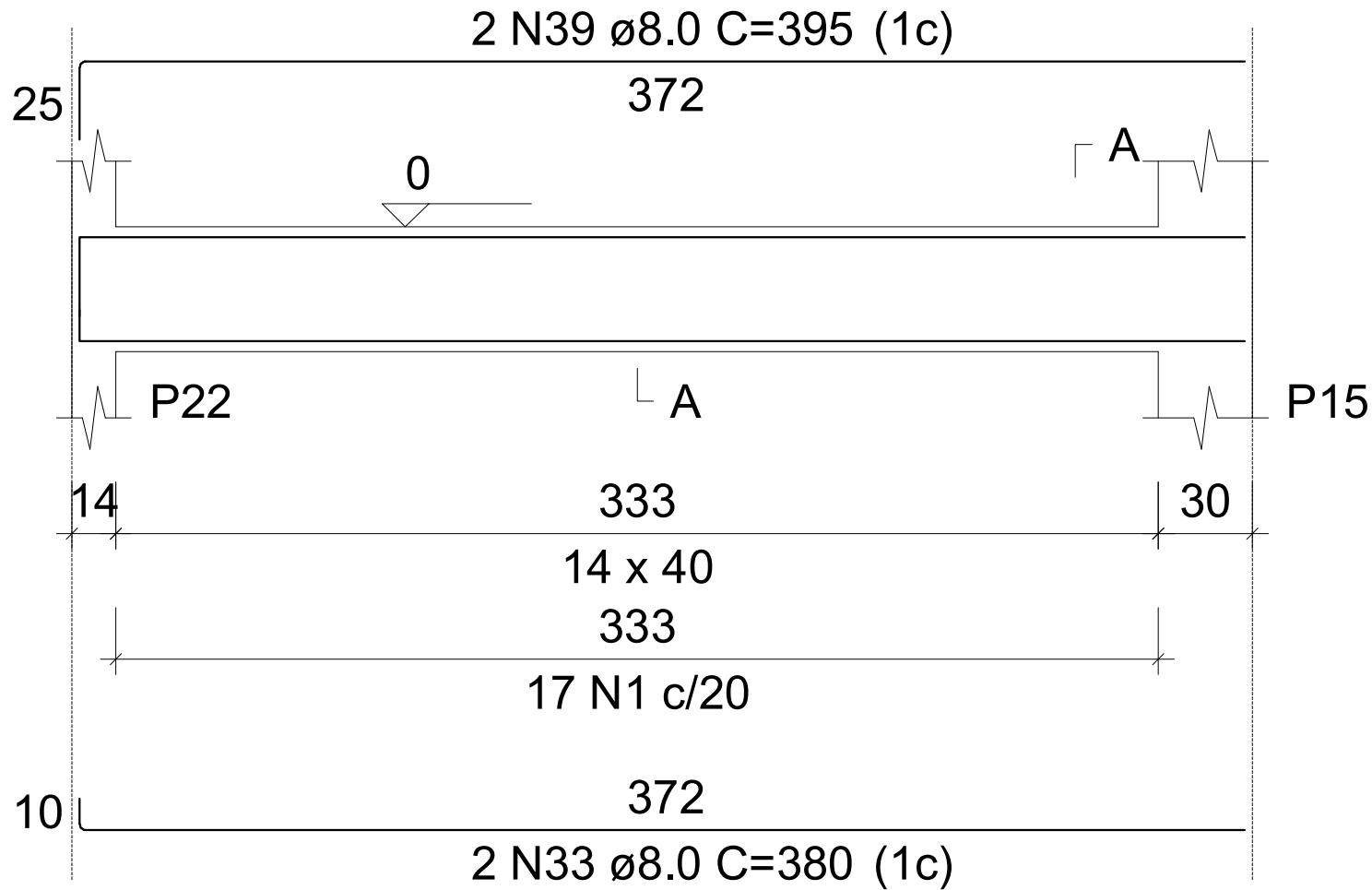
Baldrame

V34

ESC 1:50

SEÇÃO A-A

ESC 1:25



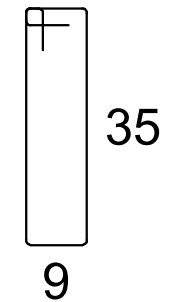
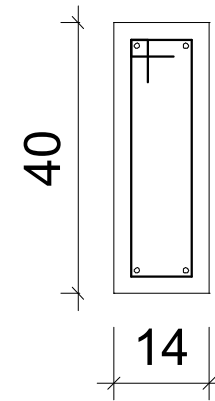
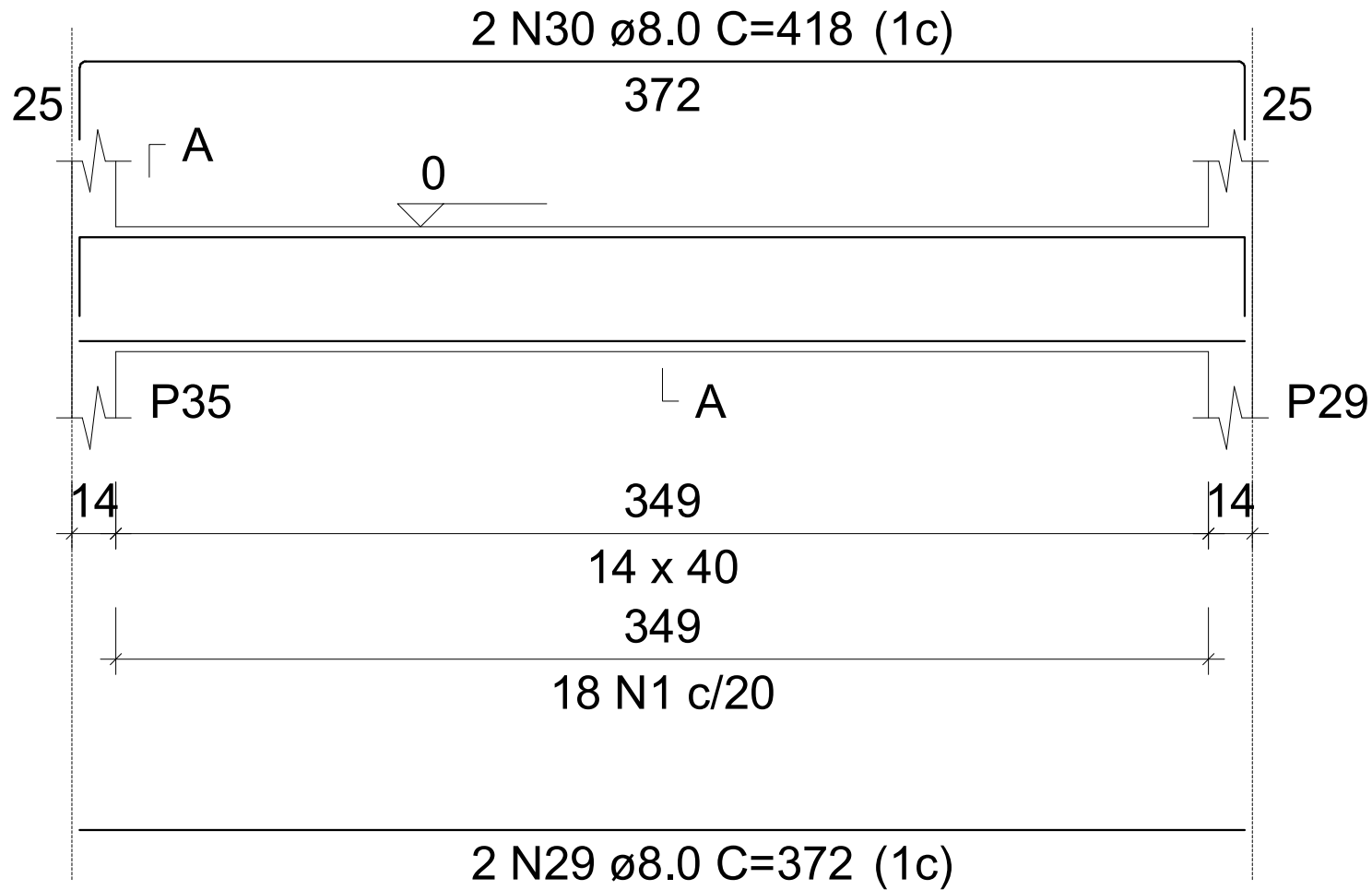
Baldrame

V35

ESC 1:50

SEÇÃO A-A

ESC 1:25

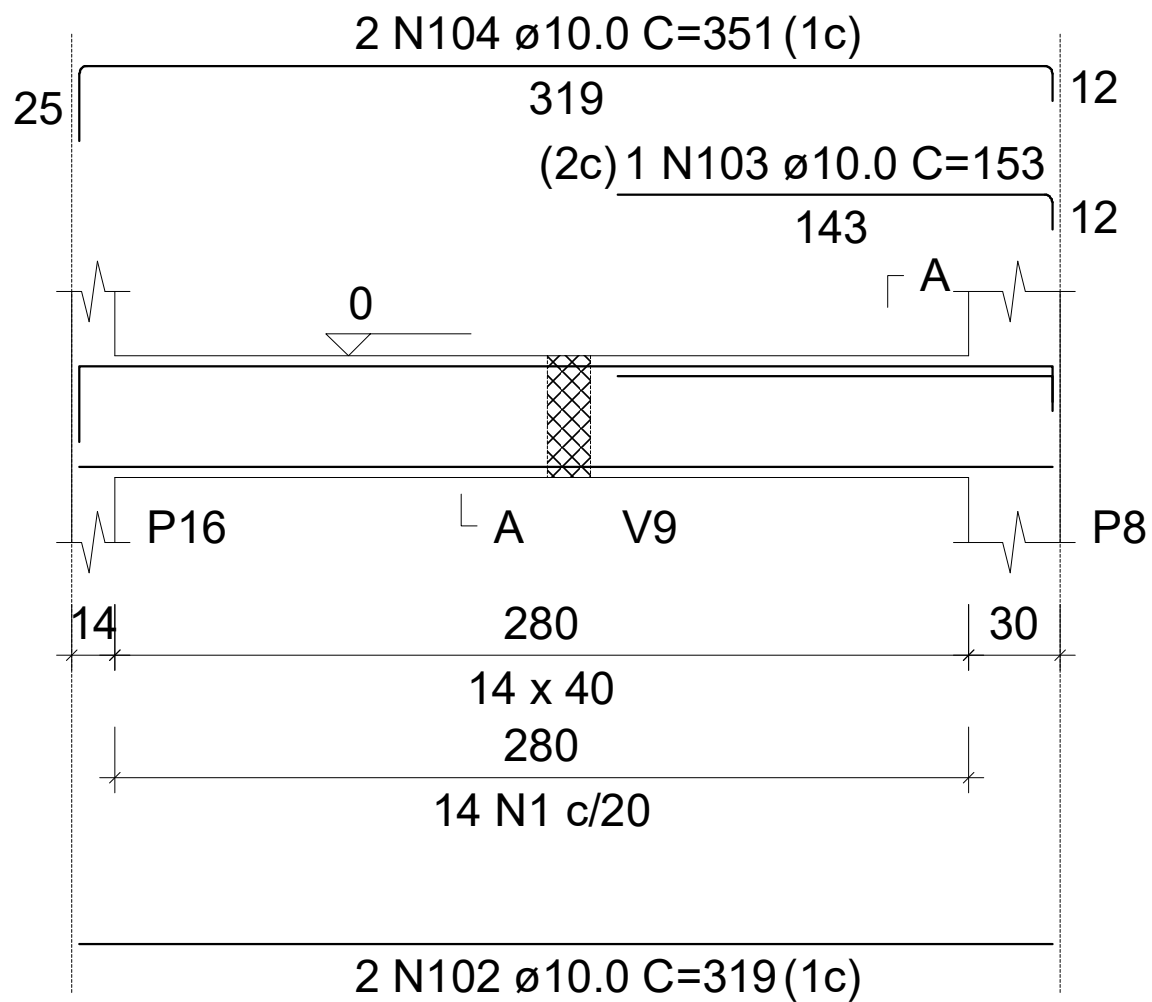


18 N1 \varnothing 5.0 C=99

Baldrame

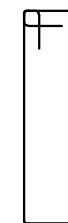
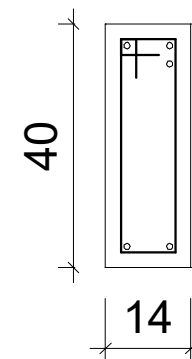
V36

ESC 1:50



SEÇÃO A-A

ESC 1:25

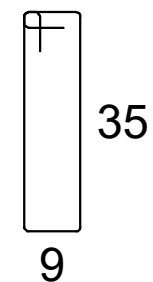
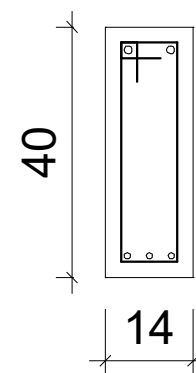
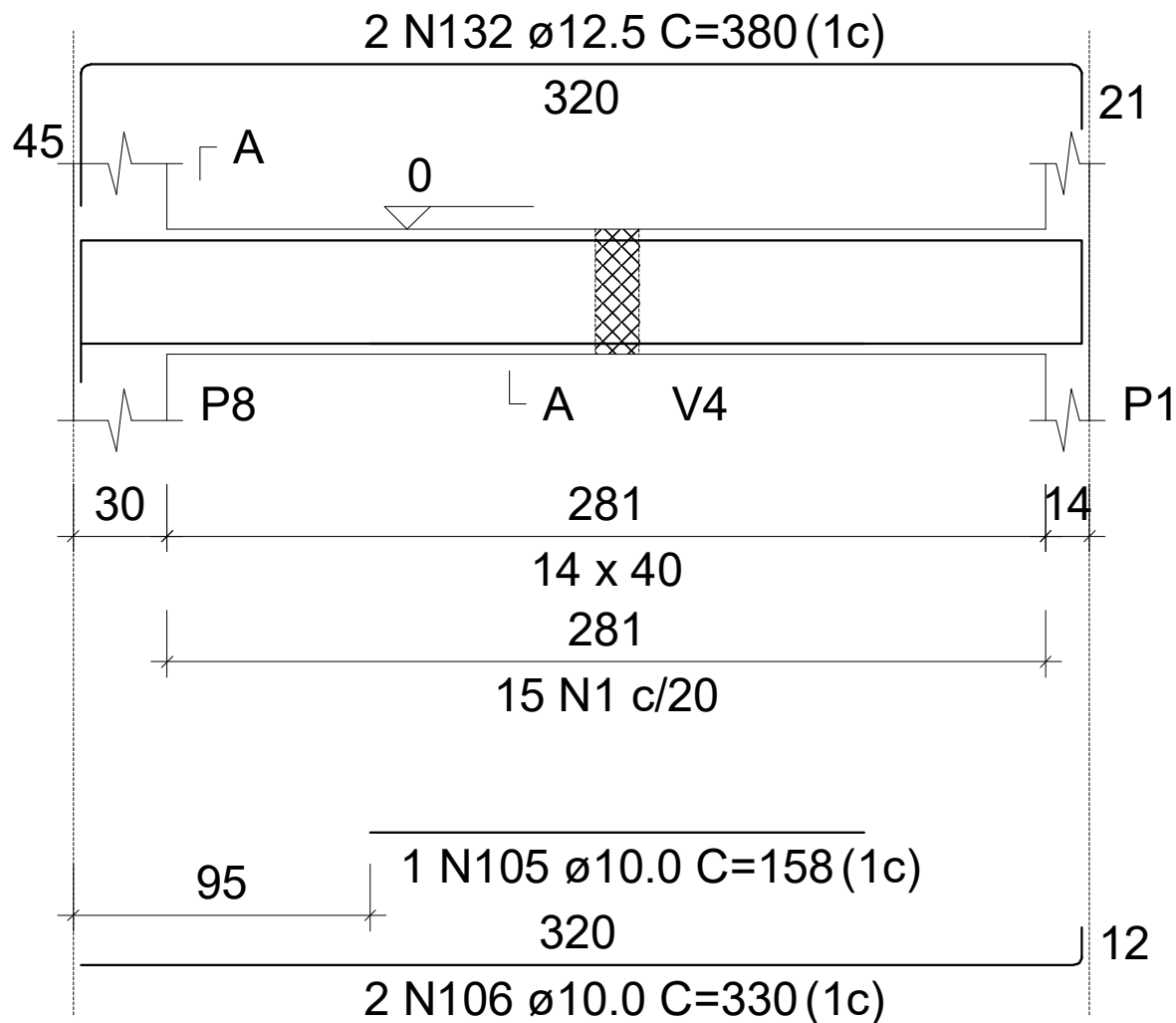


9

14 N1 \varnothing 5.0 C=99

Baldrame
V37
 ESC 1:50

SEÇÃO A-A
 ESC 1:25



15 N1 ϕ 5.0 C=99

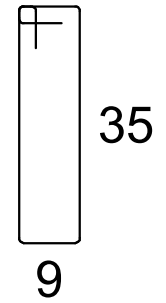
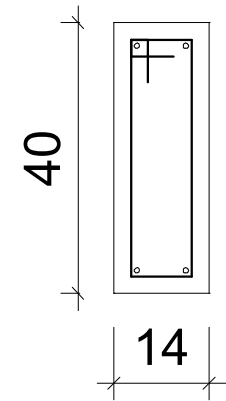
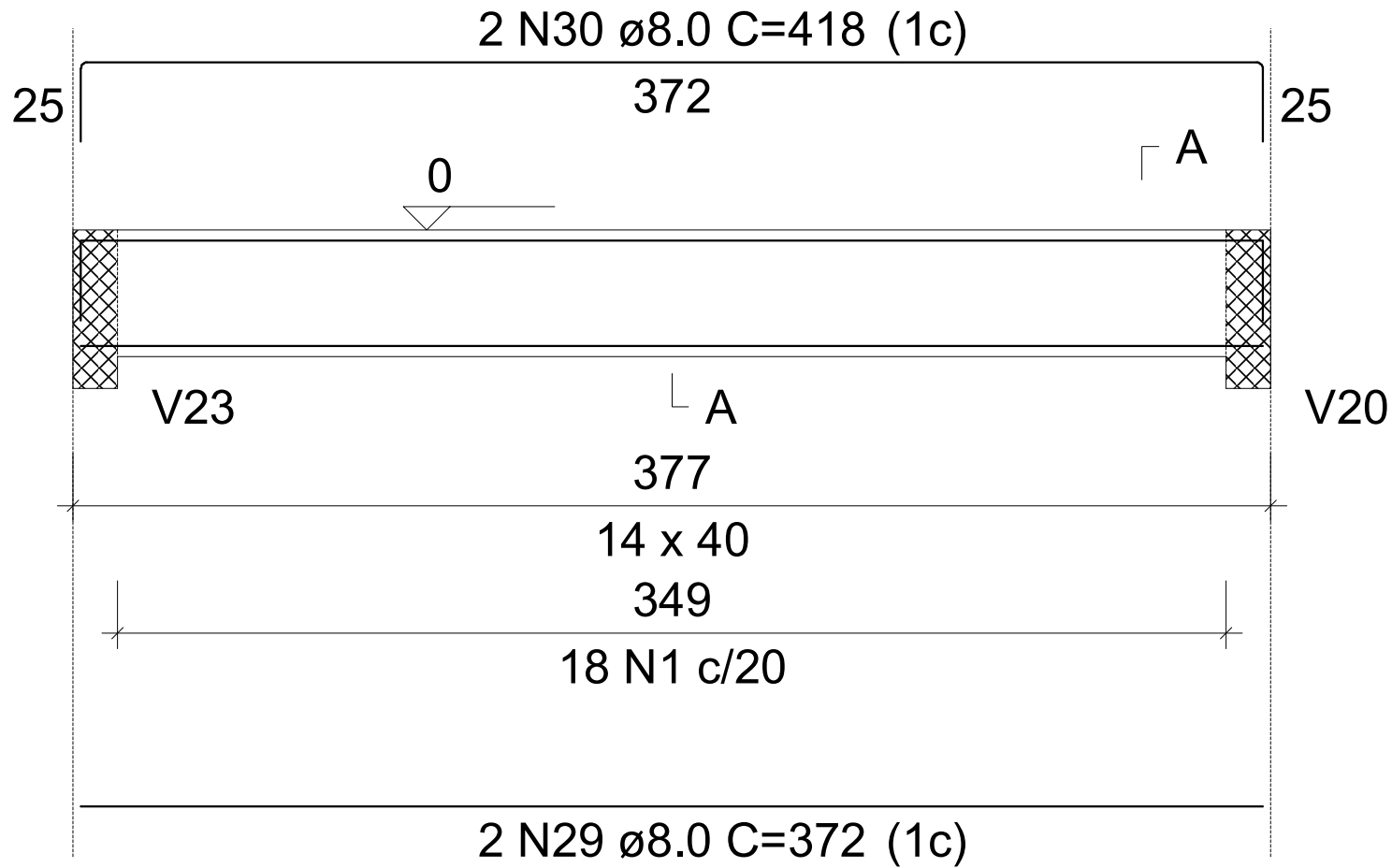
Baldrame

V38

ESC 1:50

SEÇÃO A-A

ESC 1:25



18 N1 \varnothing 5.0 C=99

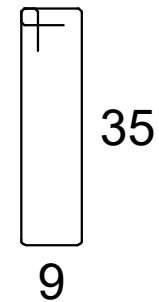
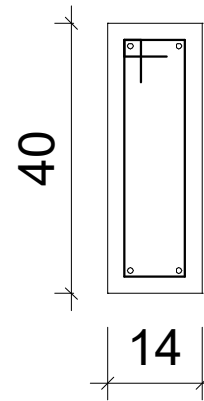
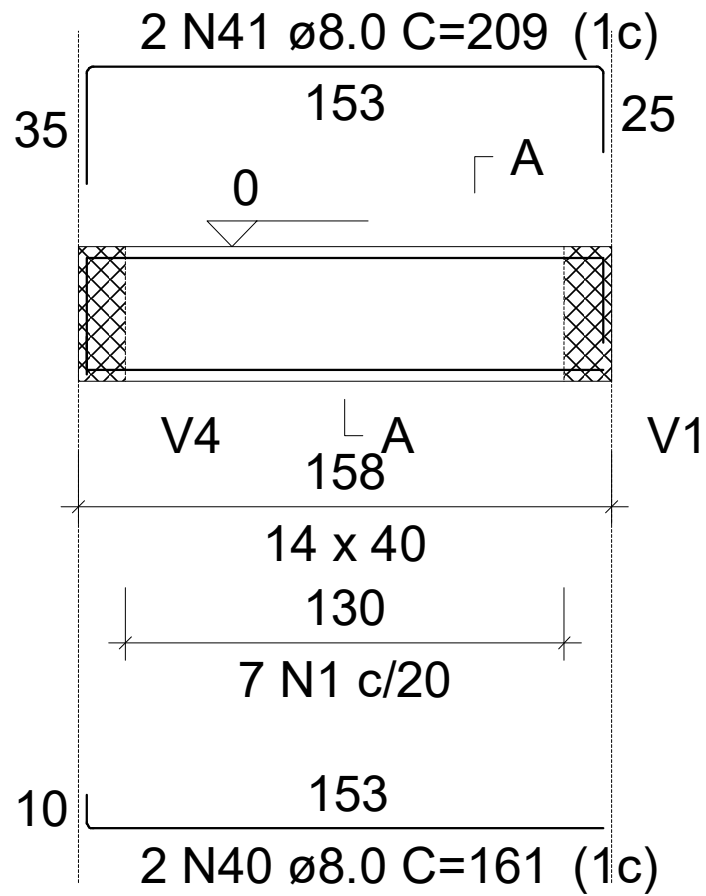
Baldrame

V39

ESC 1:50

SEÇÃO A-A

ESC 1:25

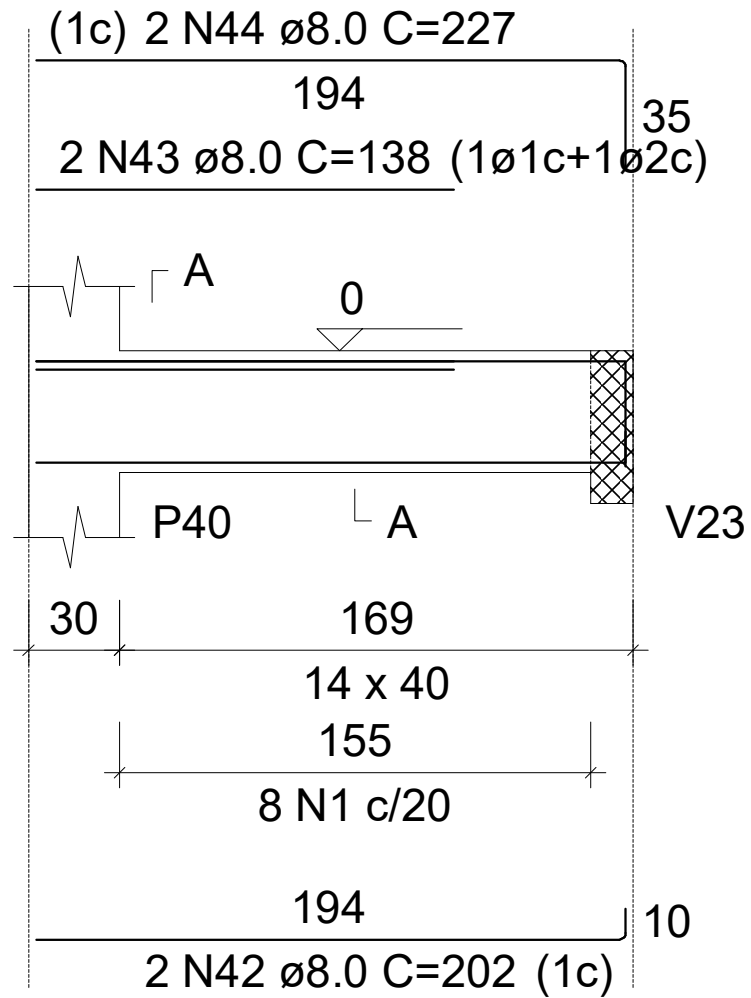


7 N1 \varnothing 5.0 C=99

Baldrame

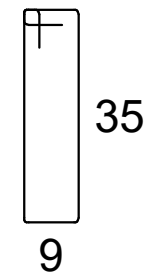
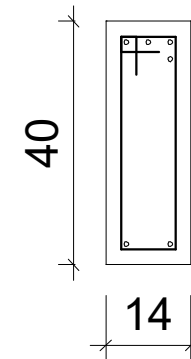
V40

ESC 1:50



SEÇÃO A-A

ESC 1:25

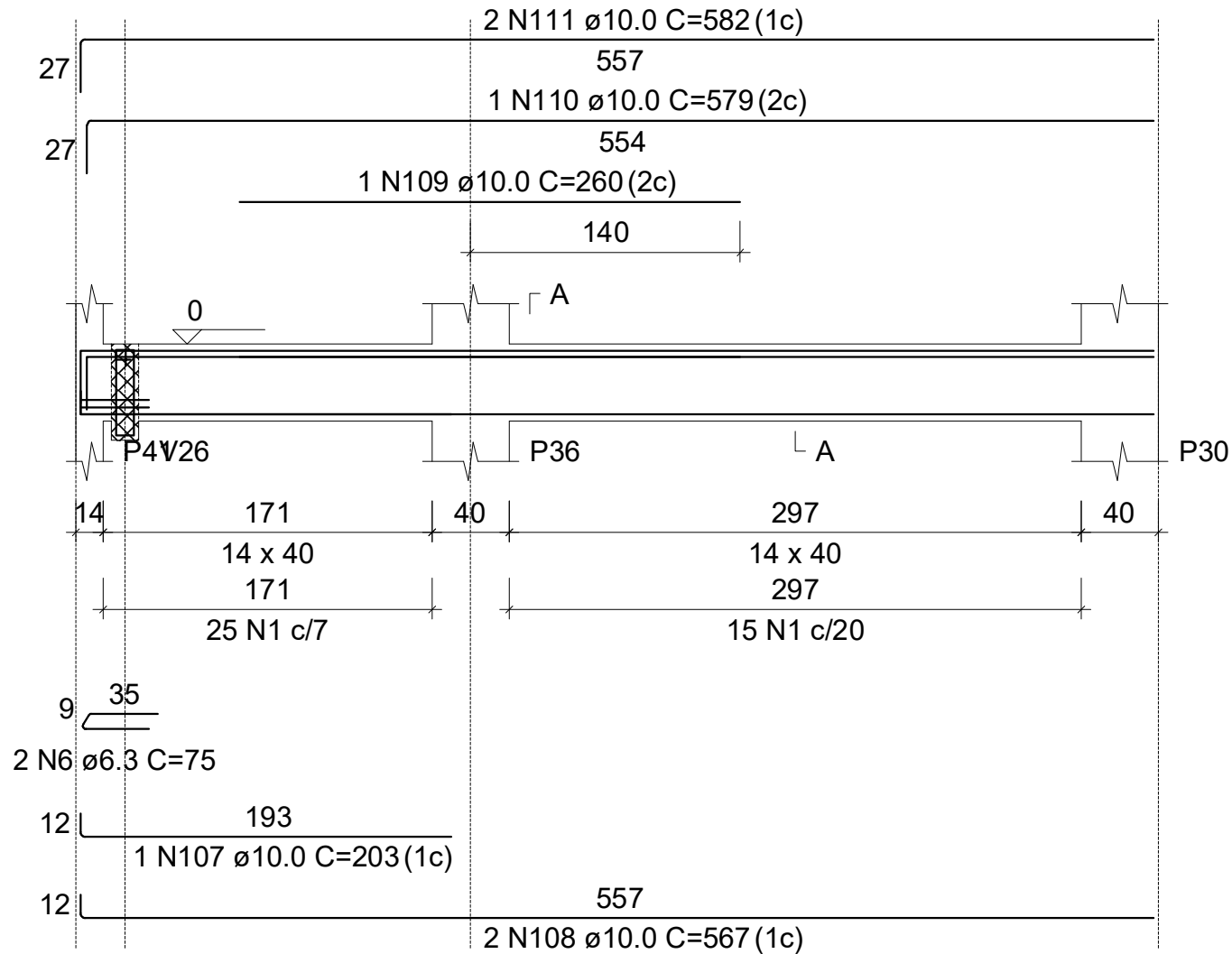


8 N1 \varnothing 5.0 C=99

Baldrame

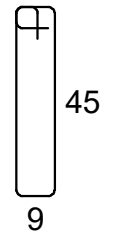
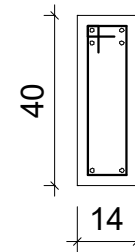
V41

ESC 1:50

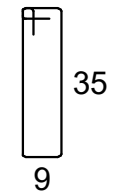


SEÇÃO A-A
ESC 1:25

SUSPENSÃO V26
ESC 1:25



1 N112 \varnothing 10.0 C=121



40 N1 \varnothing 5.0 C=99

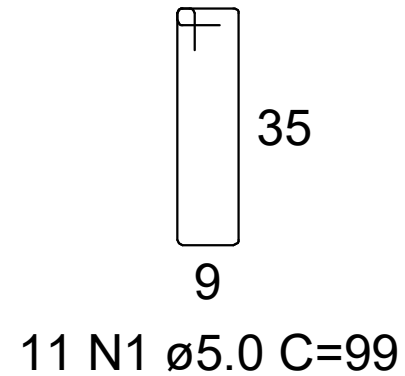
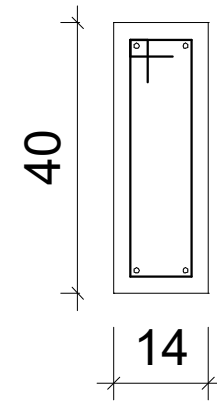
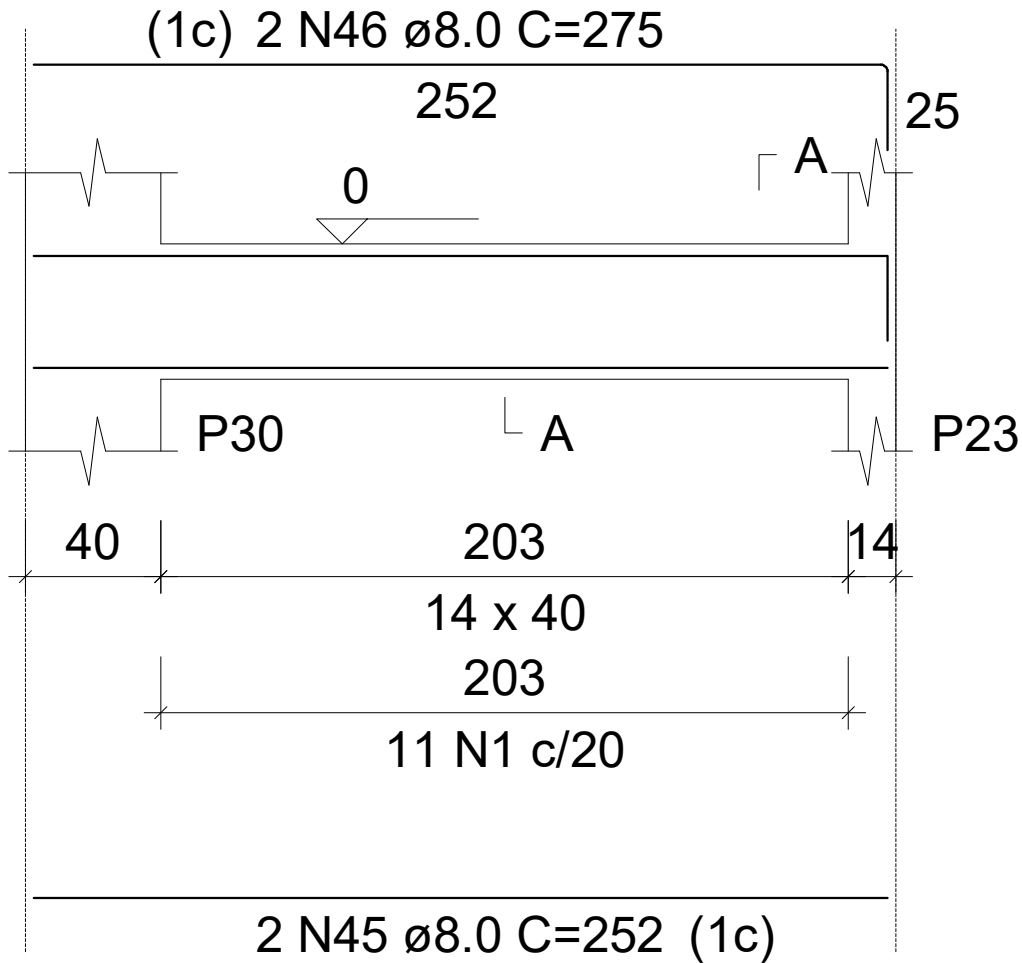
Baldrame

V42

ESC 1:50

SEÇÃO A-A

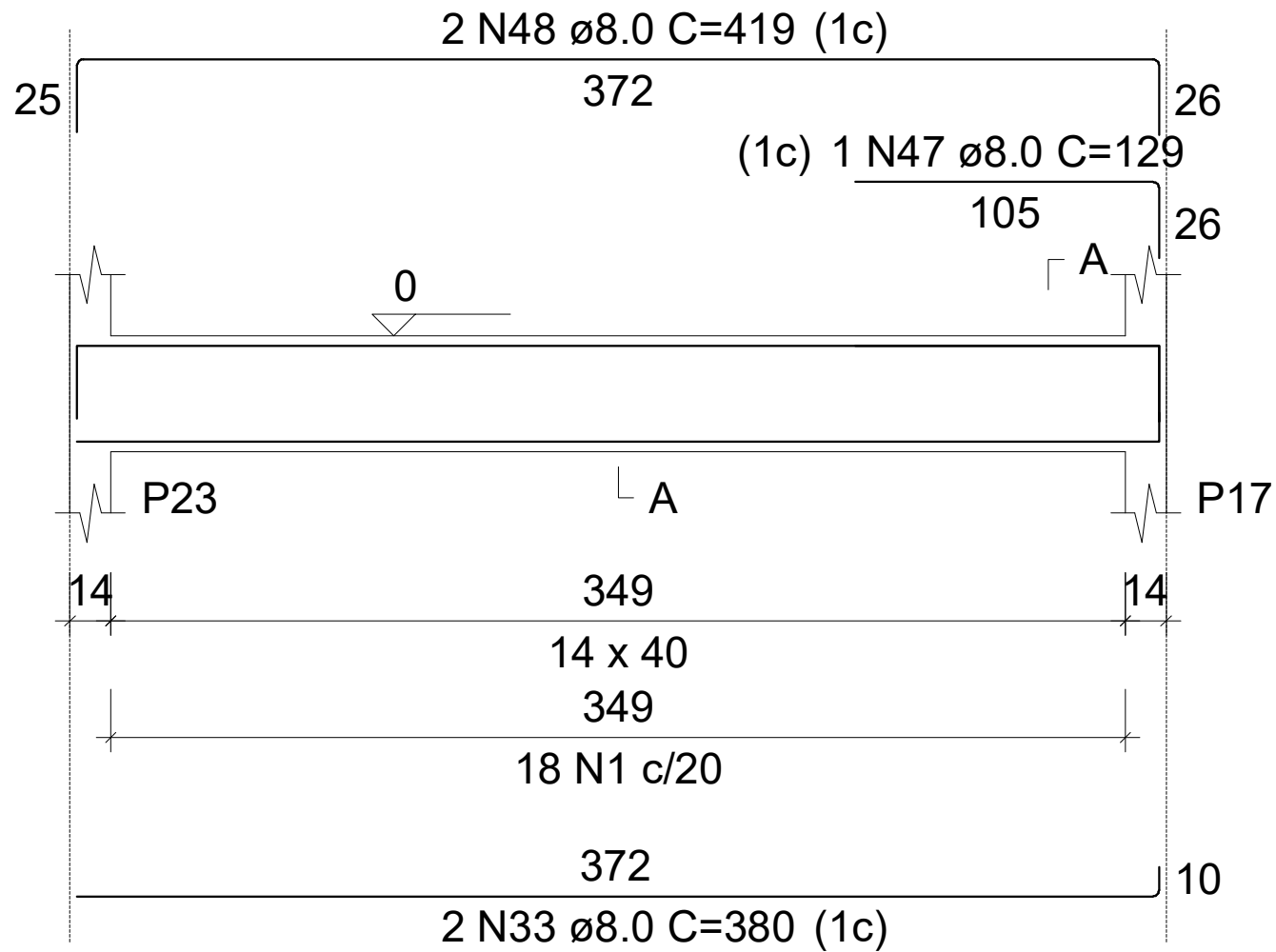
ESC 1:25



Baldrame

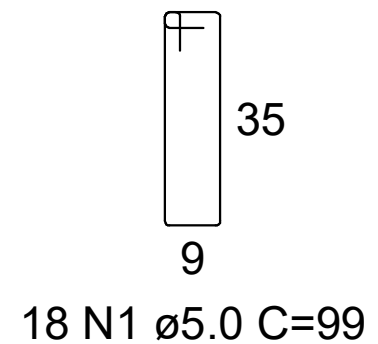
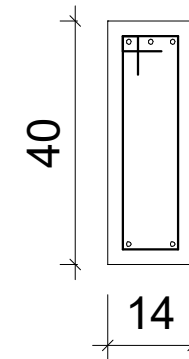
V43

ESC 1:50



SEÇÃO A-A

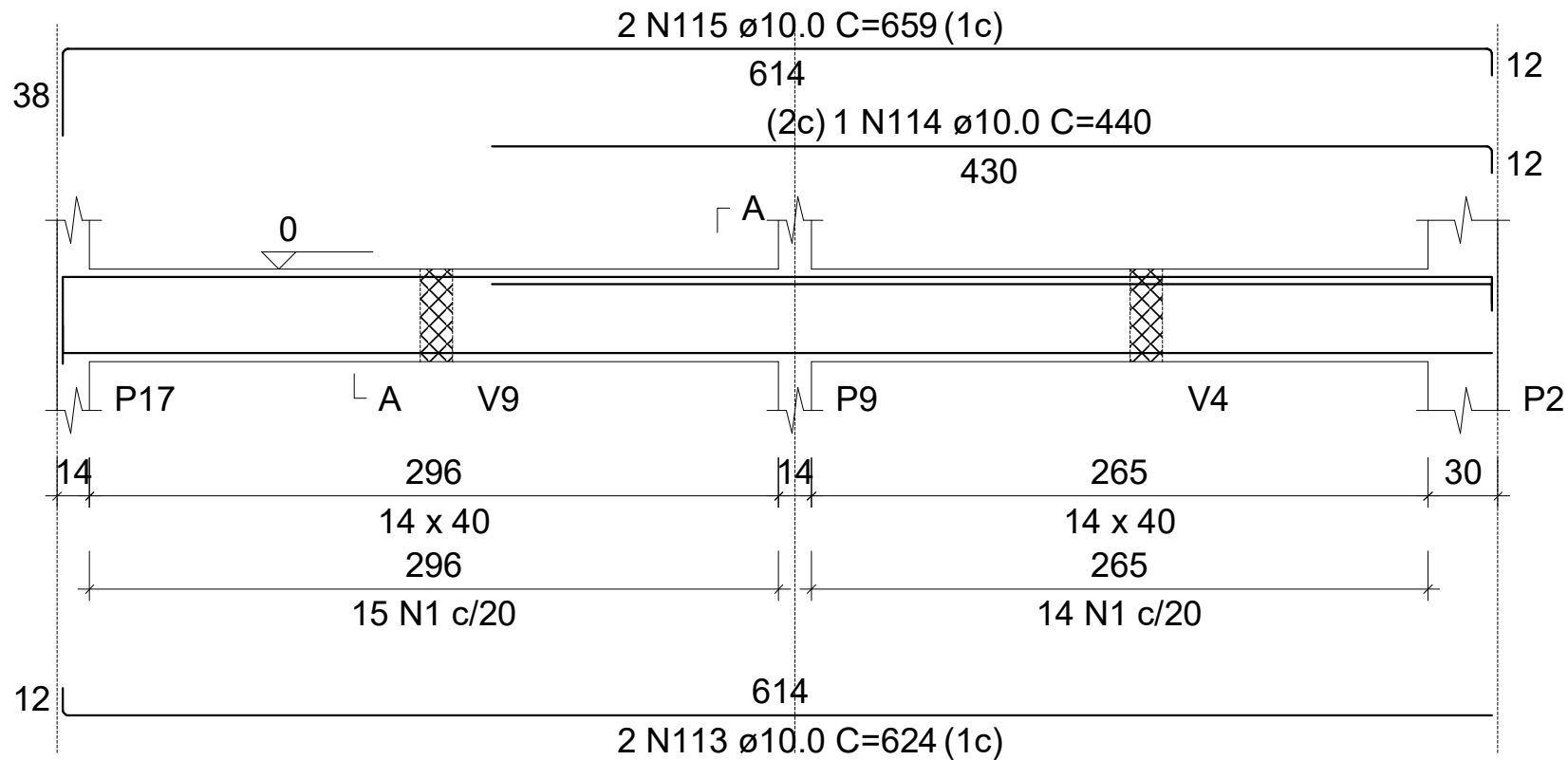
ESC 1:25



Baldrame

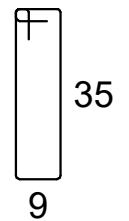
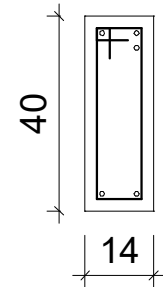
V44

ESC 1:50



SEÇÃO A-A

ESC 1:25



29 N1 \varnothing 5.0 C=99

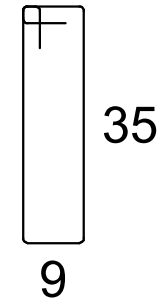
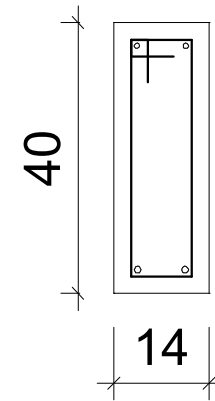
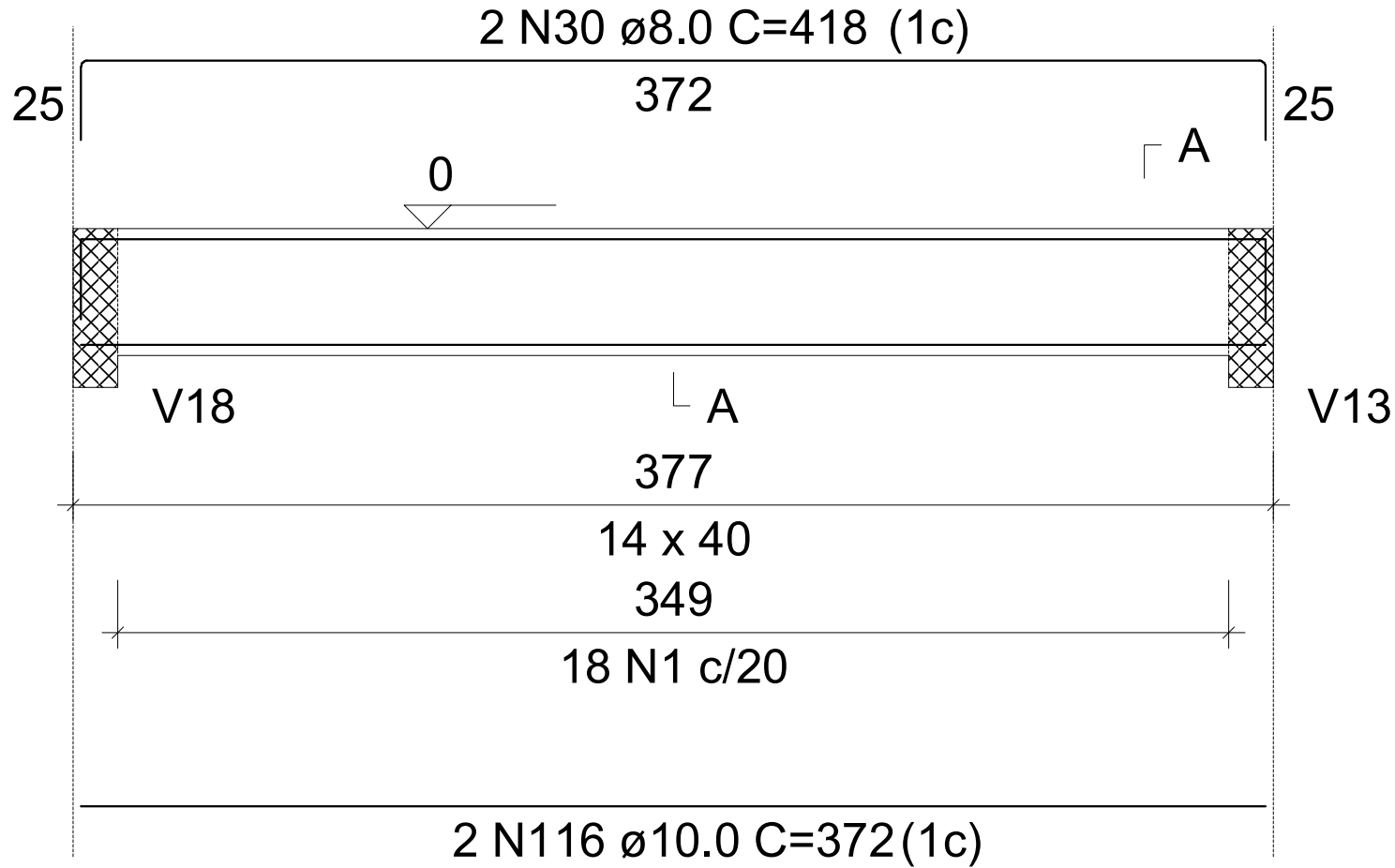
Baldrame

V45

ESC 1:50

SEÇÃO A-A

ESC 1:25

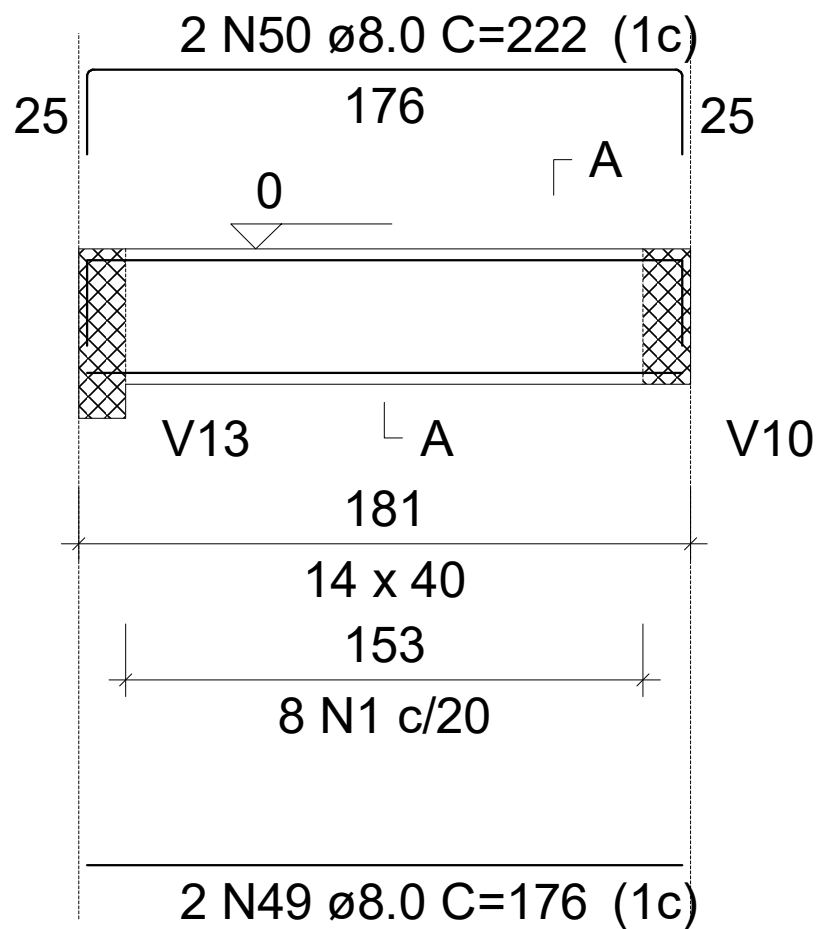


18 N1 \varnothing 5.0 C=99

Baldrame

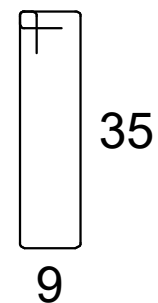
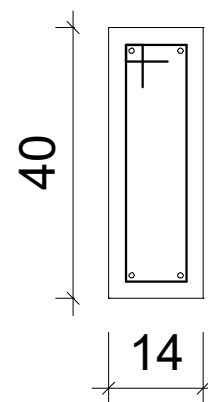
V46

ESC 1:50



SEÇÃO A-A

ESC 1:25



8 N1 \varnothing 5.0 C=99

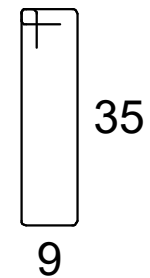
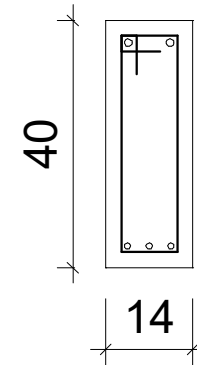
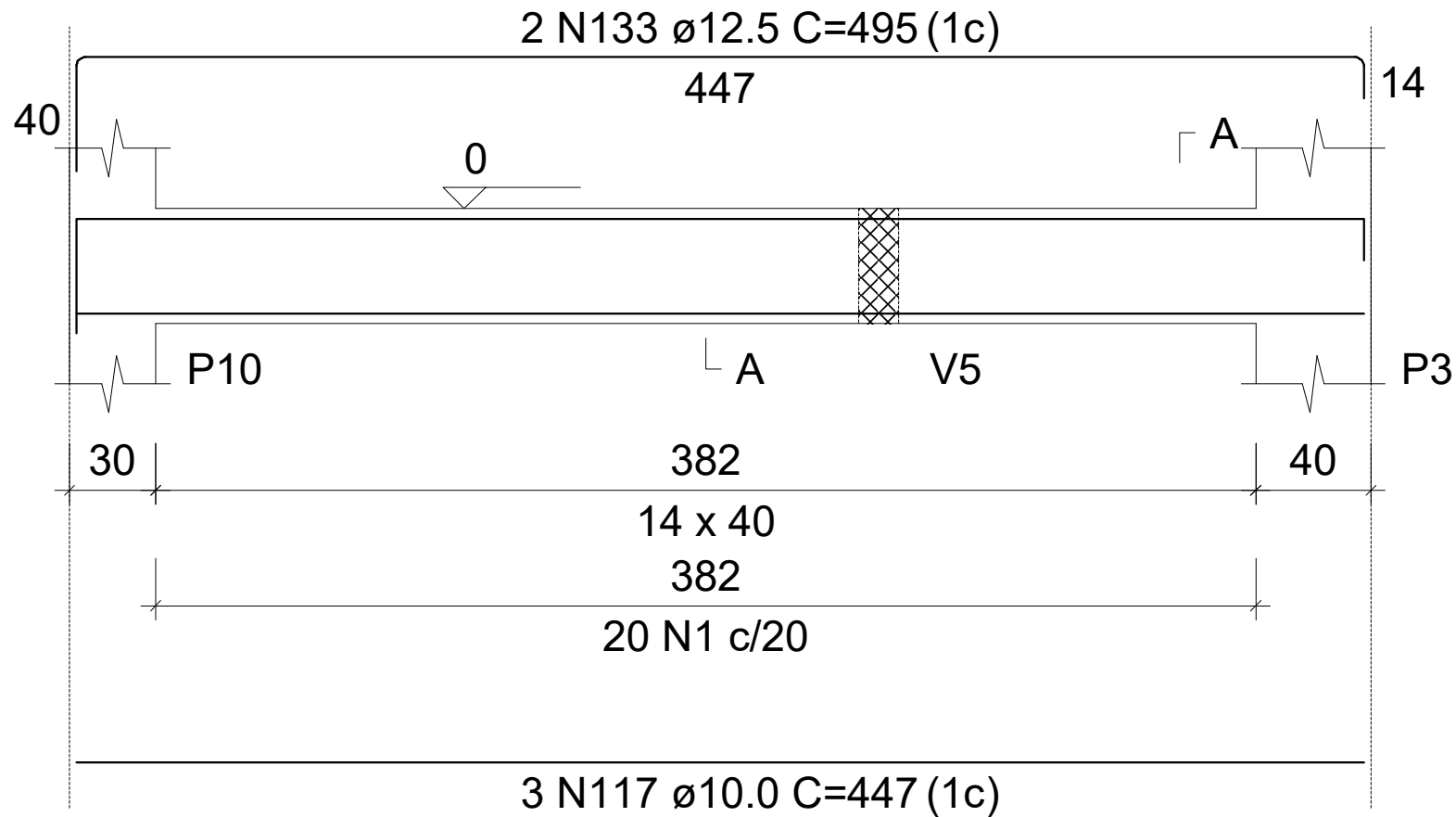
Baldrame

V47

ESC 1:50

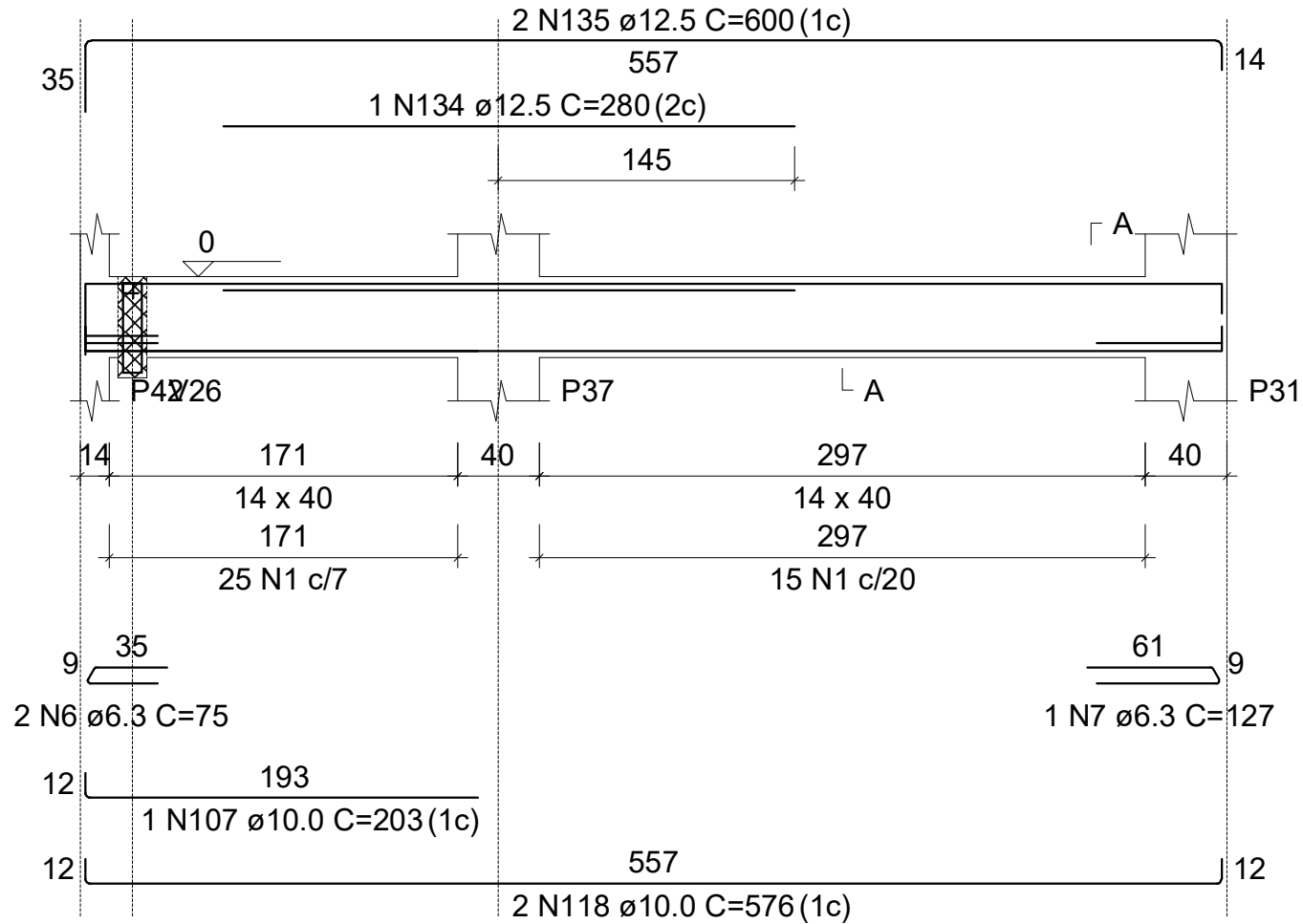
SEÇÃO A-A

ESC 1:25

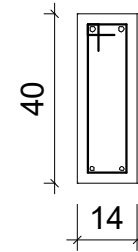


20 N1 ϕ 5.0 C=99

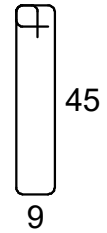
Baldrame
V48
 ESC 1:50



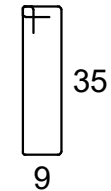
SEÇÃO A-A
 ESC 1:25



SUSPENSÃO V26
 ESC 1:25



1 N112 \varnothing 10.0 C=121



40 N1 \varnothing 5.0 C=99

1 N7 \varnothing 6.3 C=127

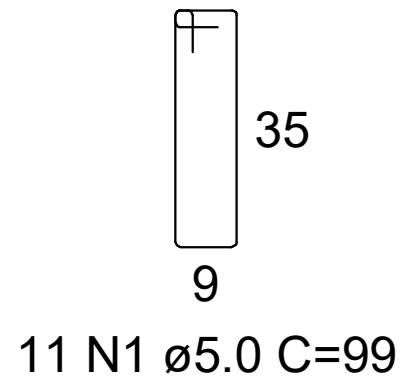
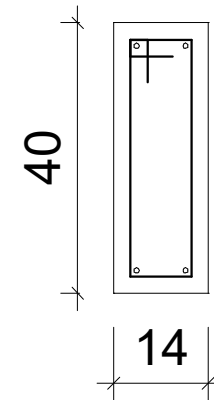
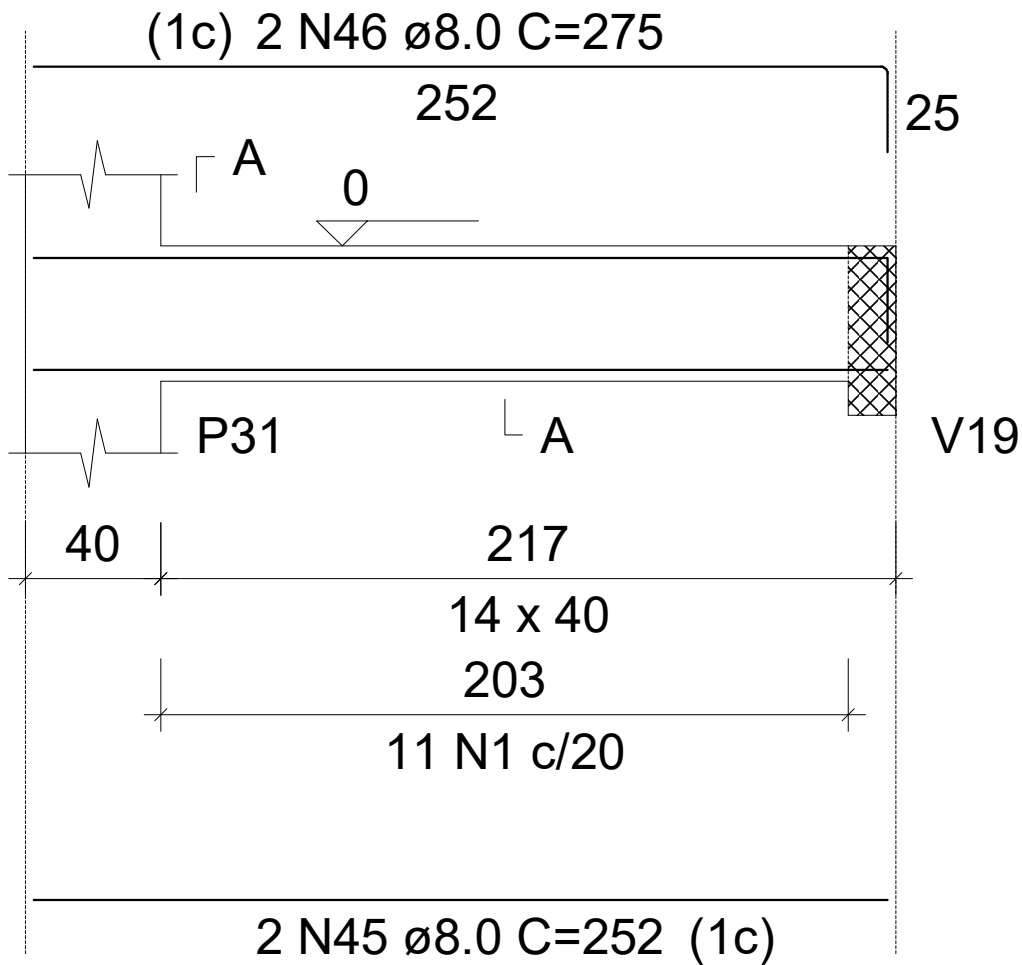
Baldrame

V49

ESC 1:50

SEÇÃO A-A

ESC 1:25



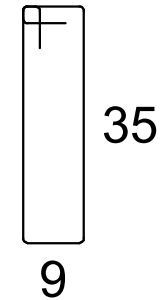
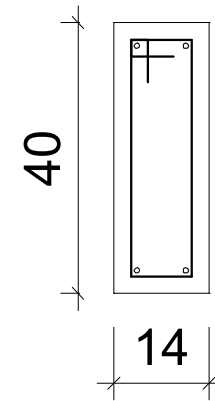
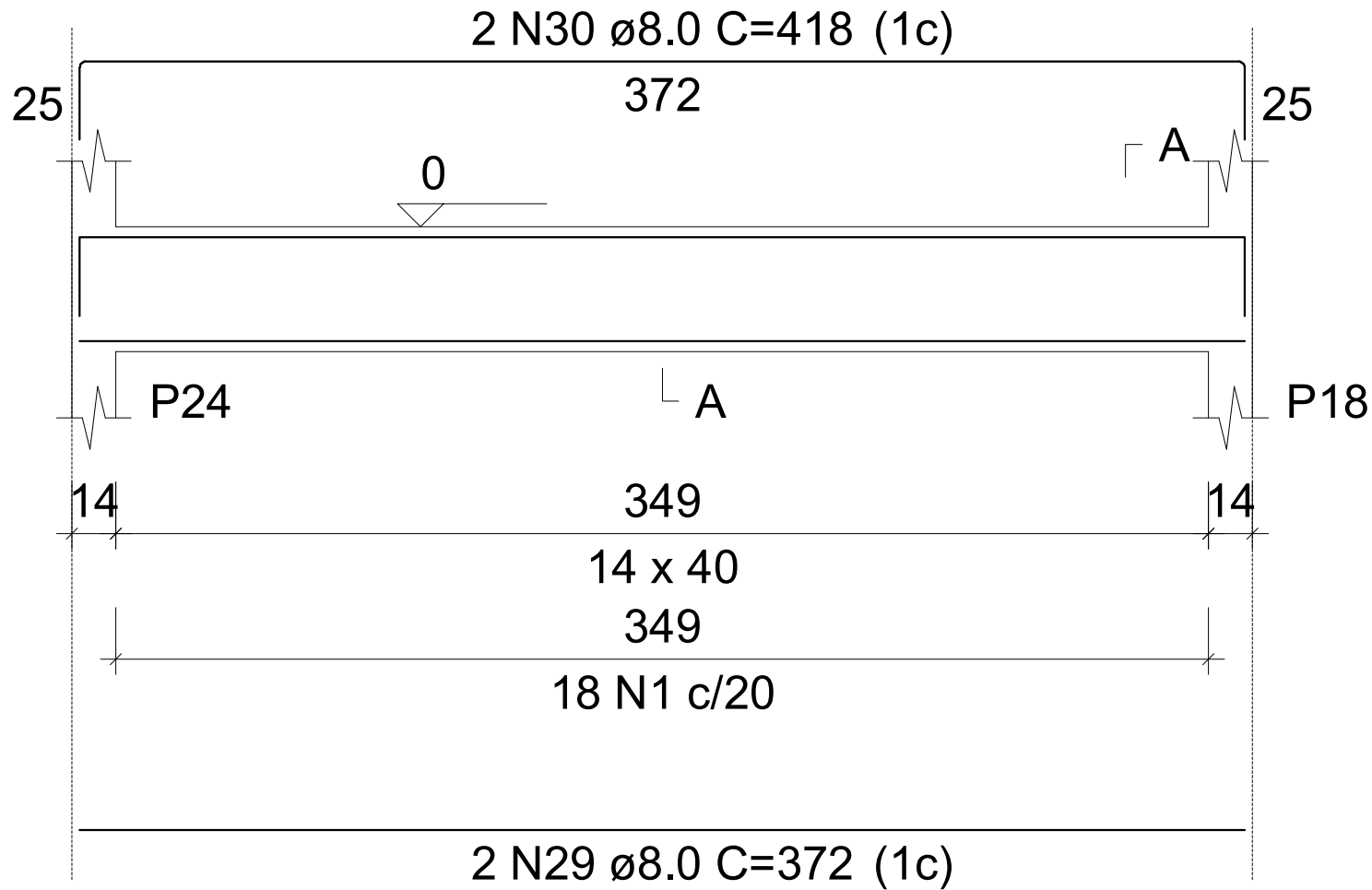
Baldrame

V50

ESC 1:50

SEÇÃO A-A

ESC 1:25

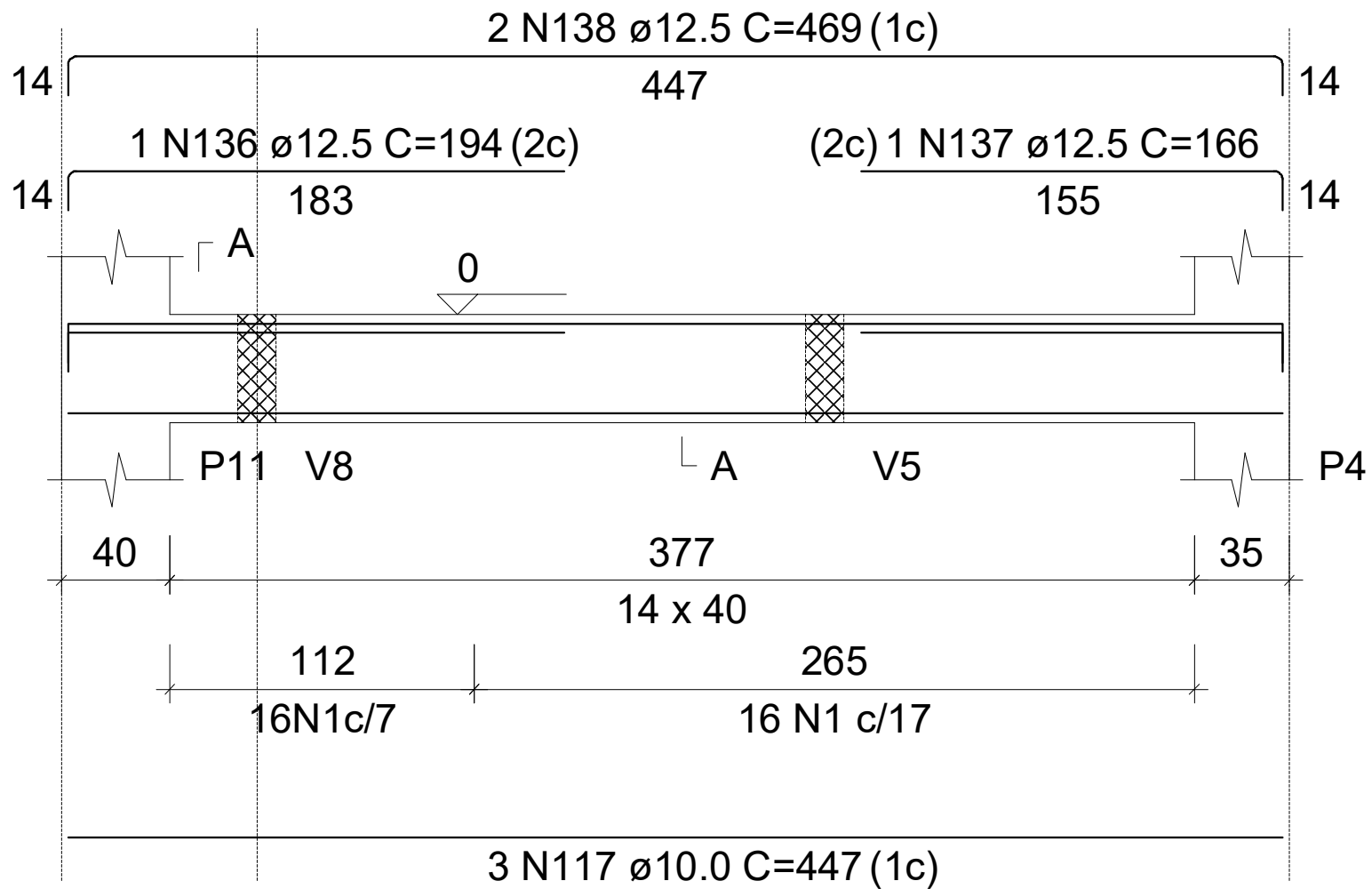


18 N1 \varnothing 5.0 C=99

Baldrame

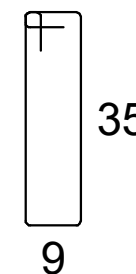
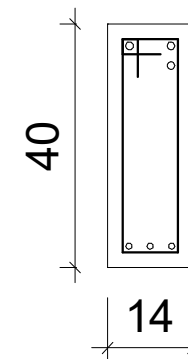
V51

ESC 1:50



SEÇÃO A-A

ESC 1:25

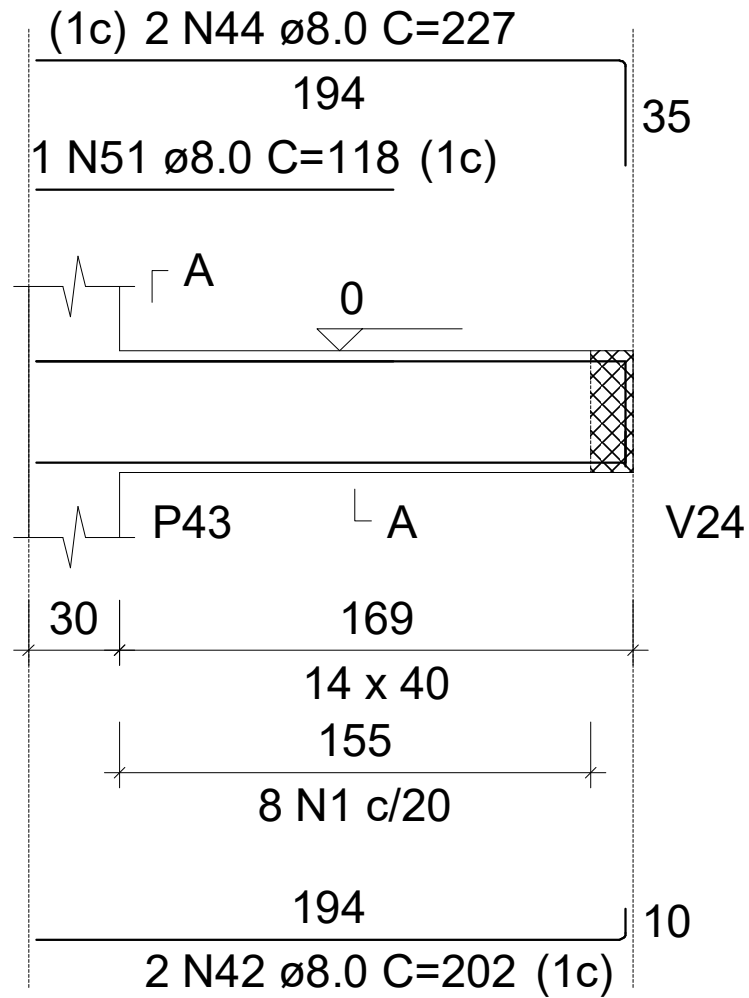


32 N1 ϕ 5.0 C=99

Baldrame

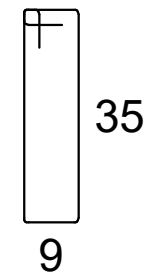
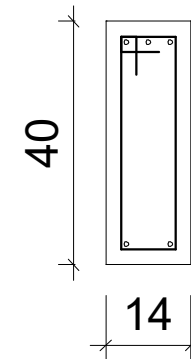
V52

ESC 1:50



SEÇÃO A-A

ESC 1:25



8 N1 \varnothing 5.0 C=99

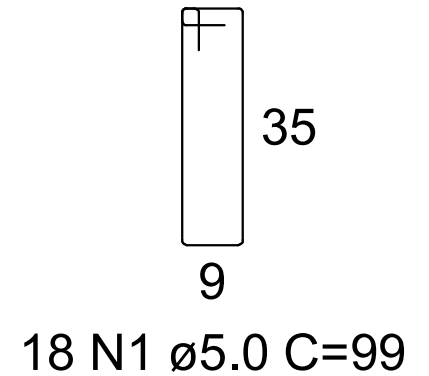
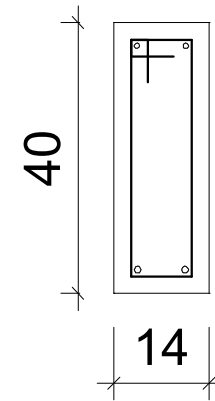
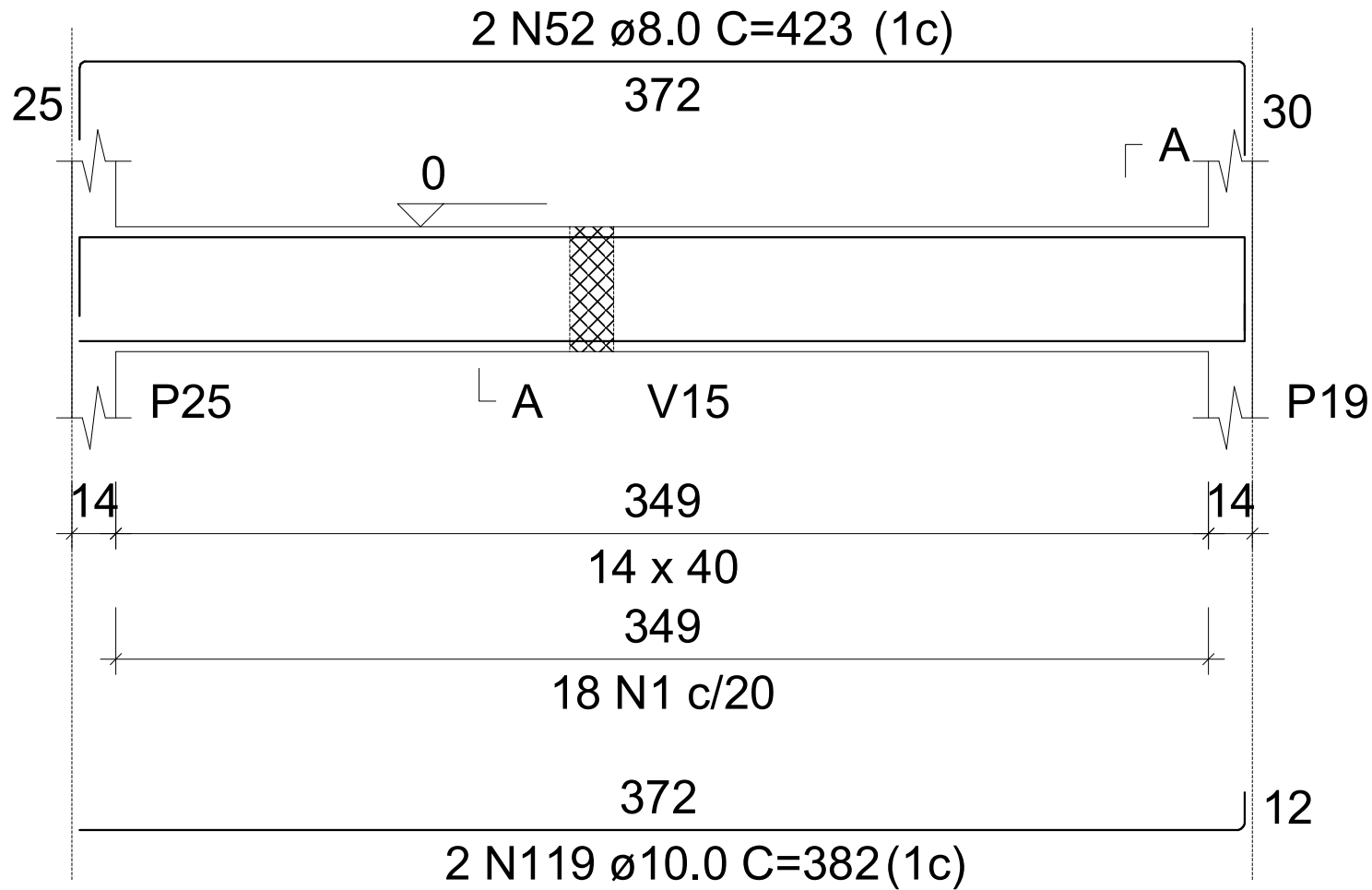
Baldrame

V53

ESC 1:50

SEÇÃO A-A

ESC 1:25



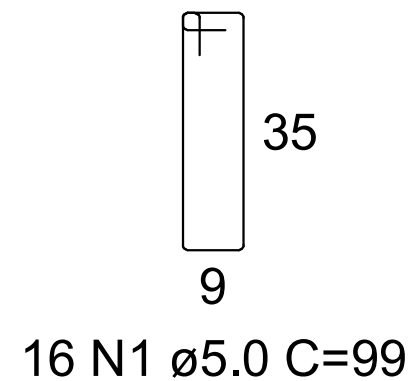
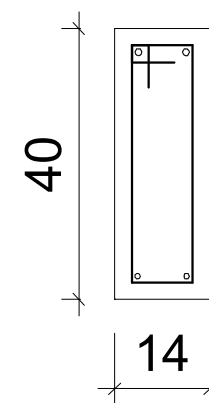
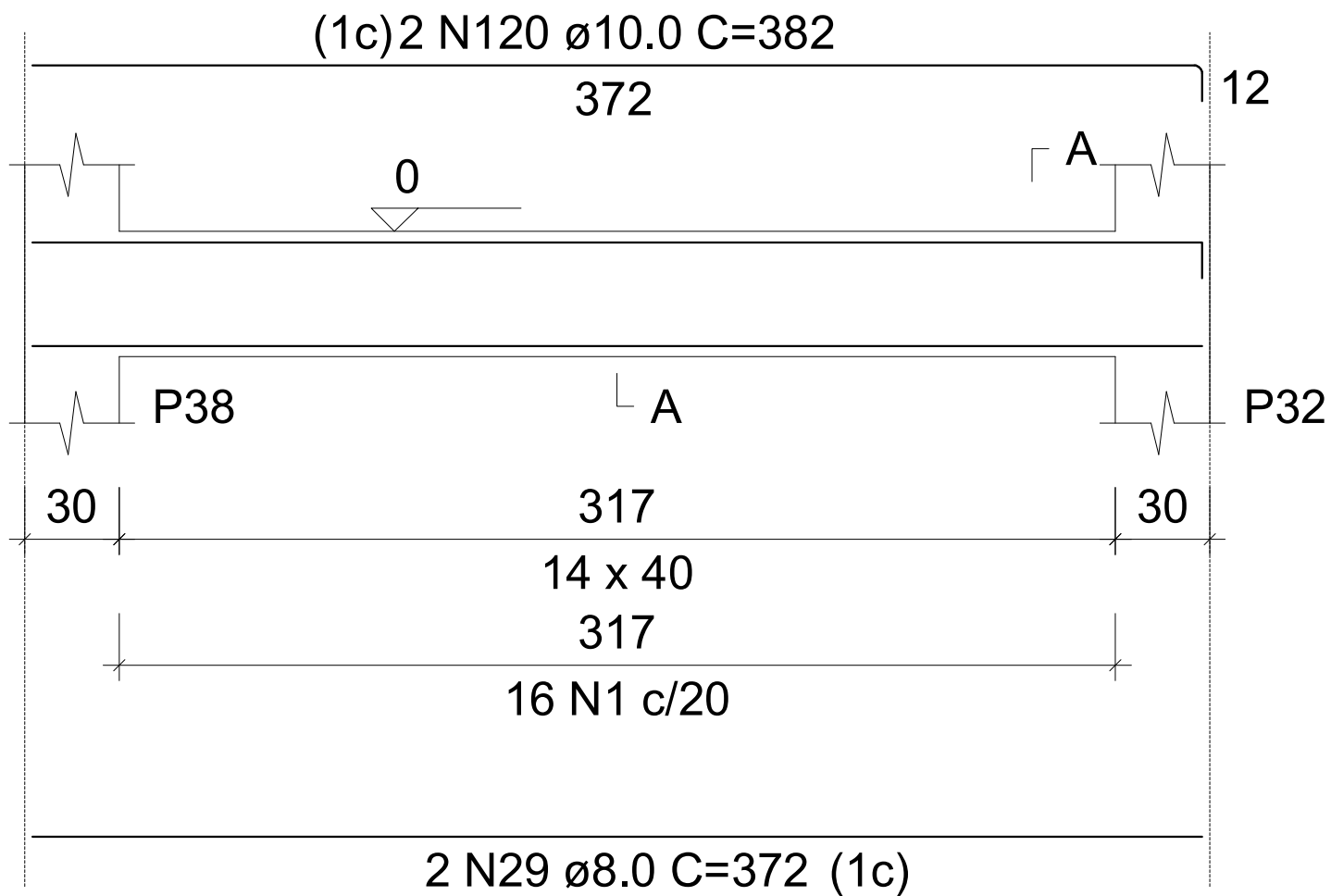
Baldrame

V54

ESC 1:50

SEÇÃO A-A

ESC 1:25



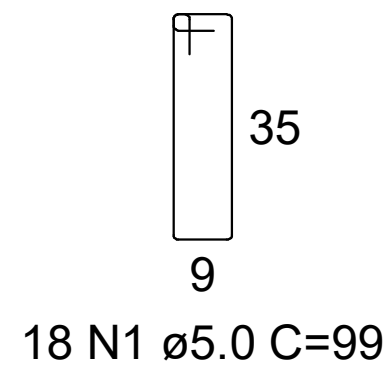
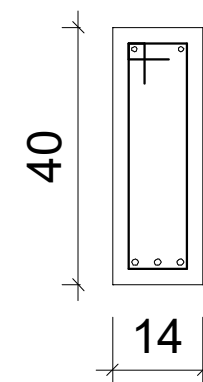
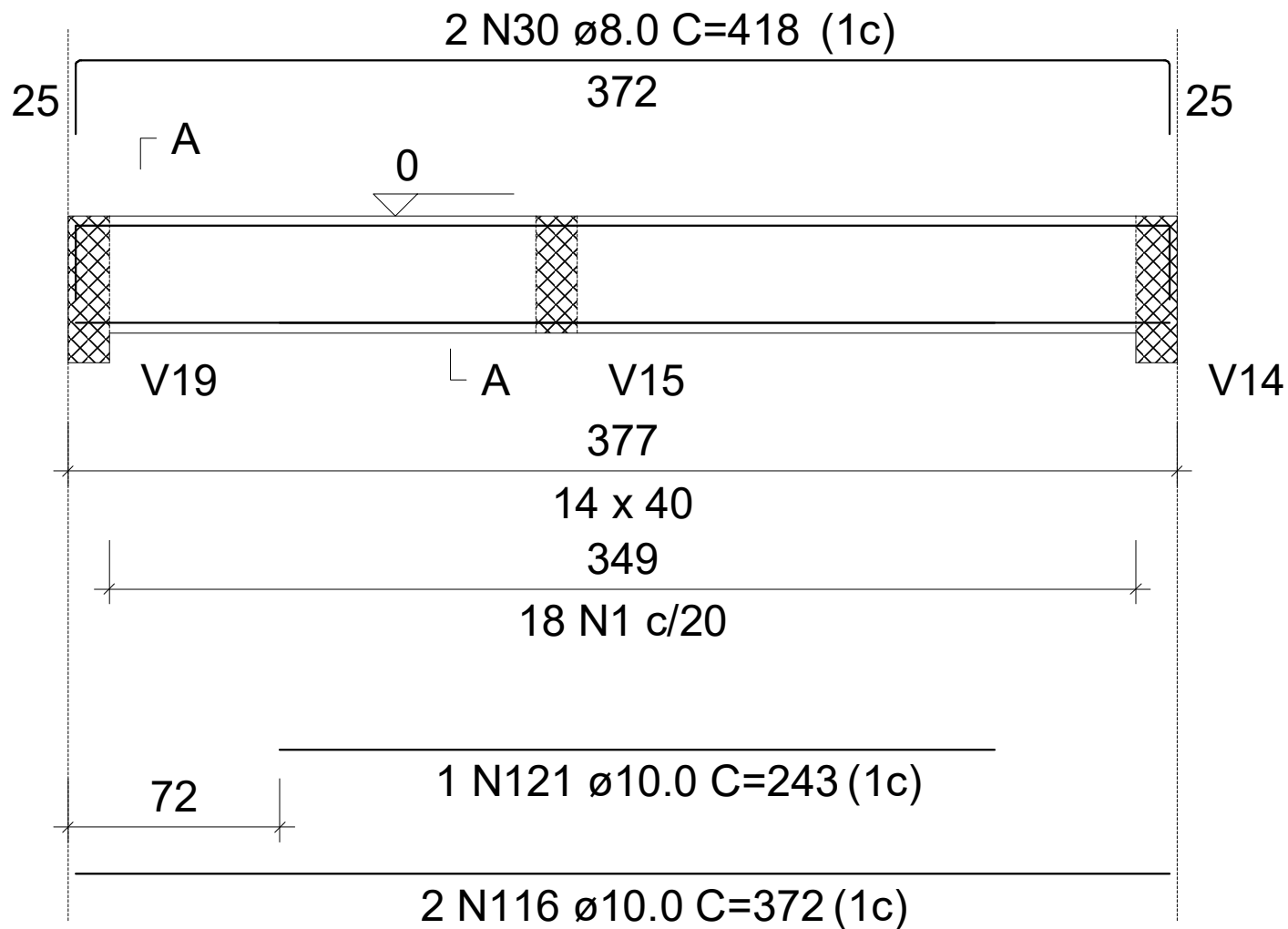
Baldrame

V55

ESC 1:50

SEÇÃO A-A

ESC 1:25



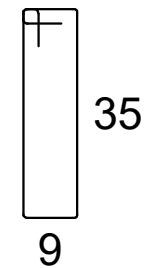
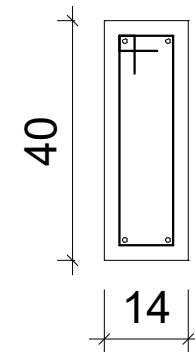
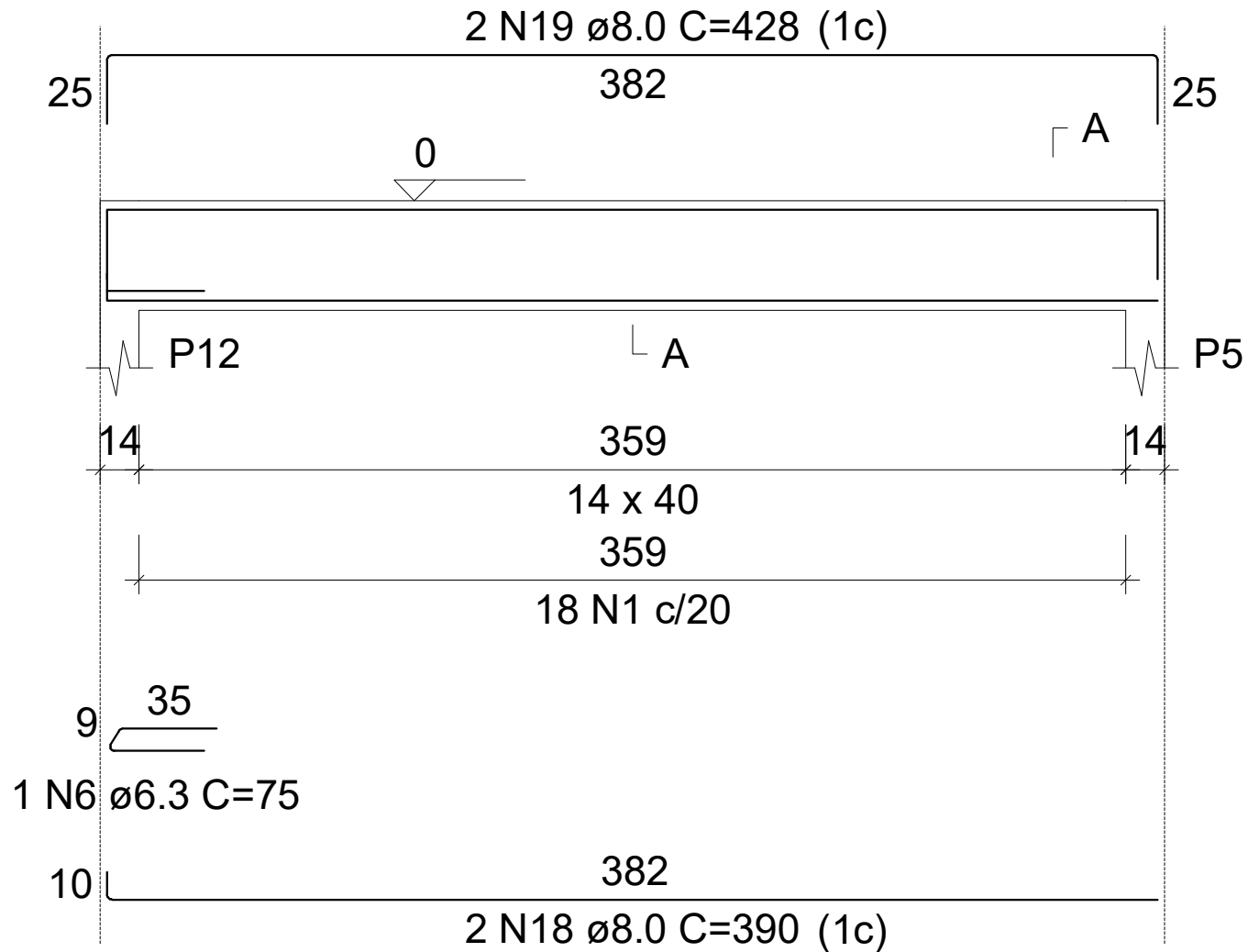
Baldrame

V56

ESC 1:50

SEÇÃO A-A

ESC 1:25

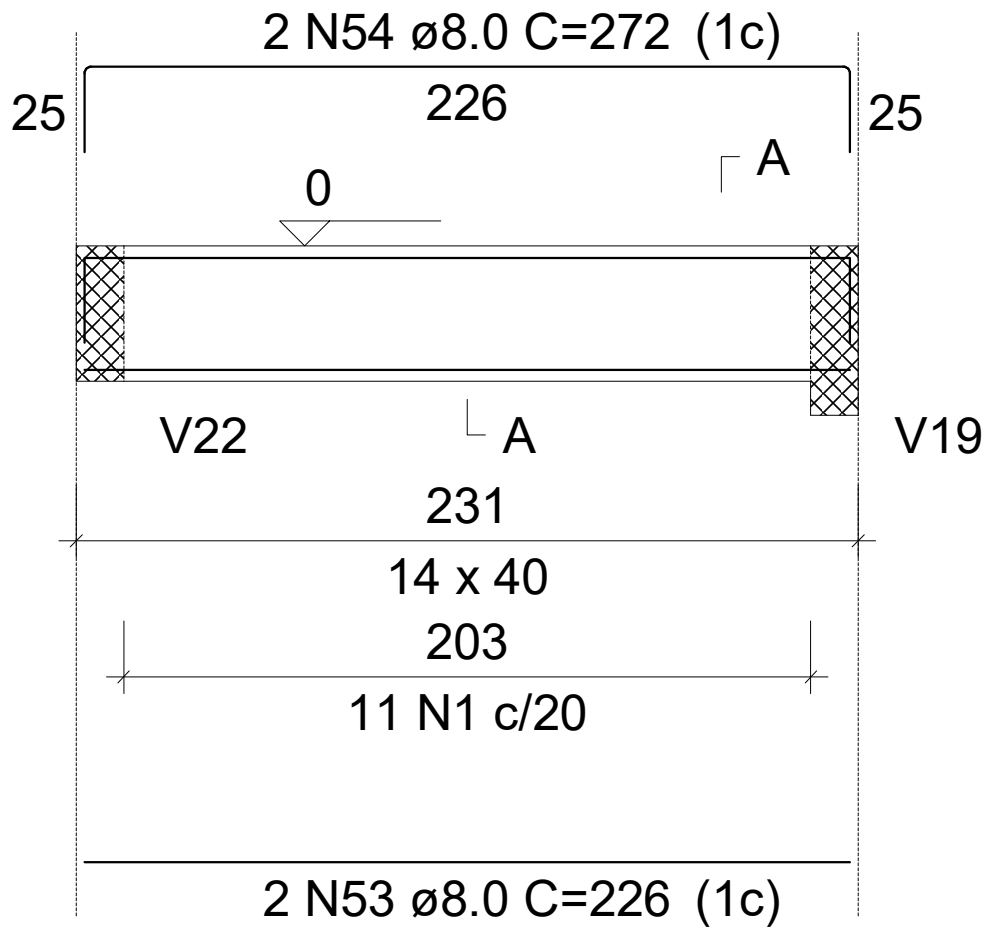


18 N1 \varnothing 5.0 C=99

Baldrame

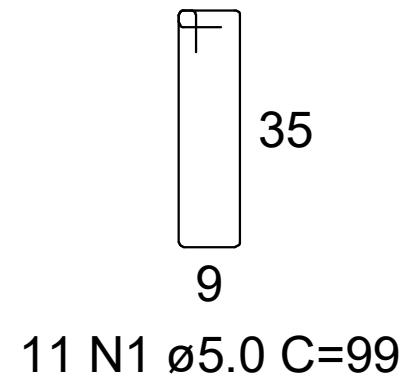
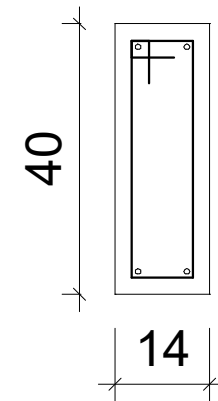
V57

ESC 1:50



SEÇÃO A-A

ESC 1:25



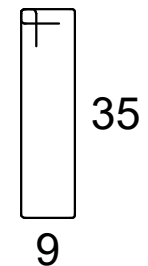
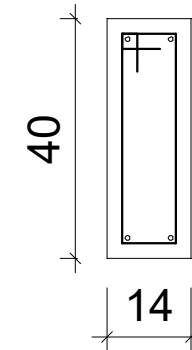
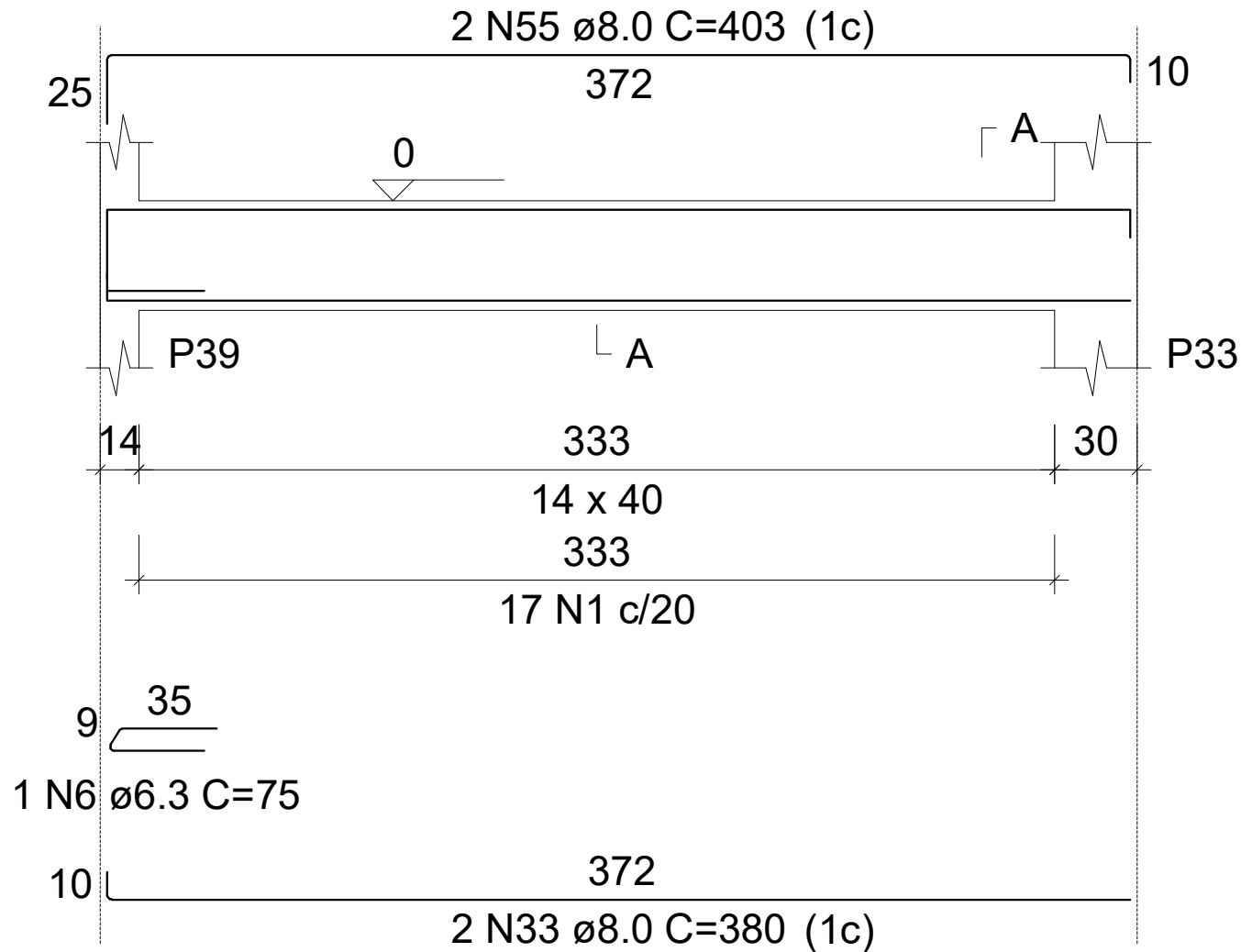
Baldrame

V58

ESC 1:50

SEÇÃO A-A

ESC 1:25

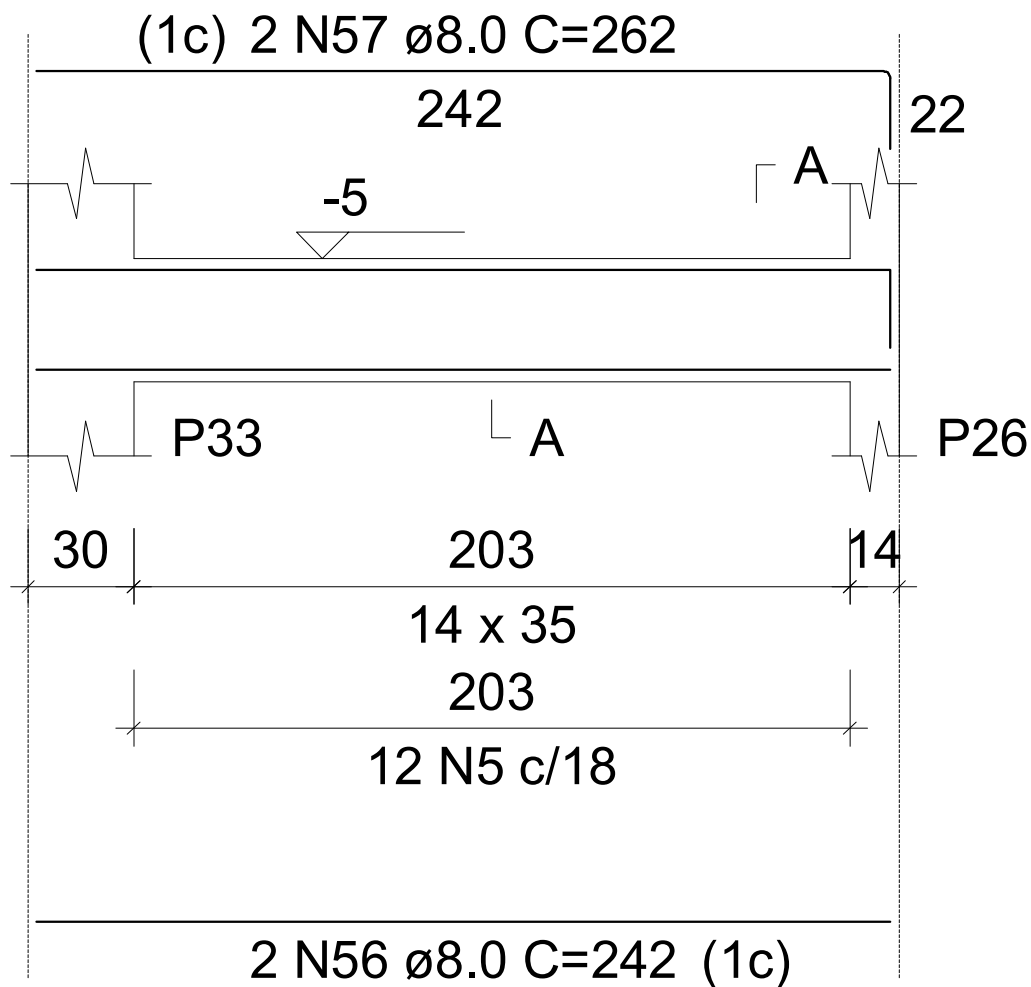


17 N1 ø5.0 C=99

Baldrame

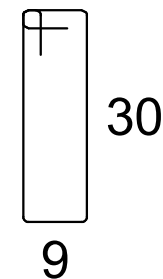
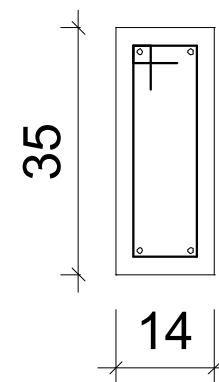
V59

ESC 1:50



SEÇÃO A-A

ESC 1:25



12 N5 \varnothing 5.0 C=89

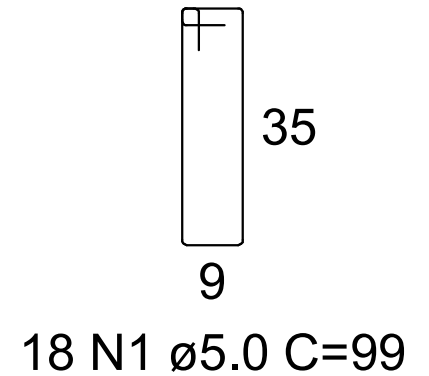
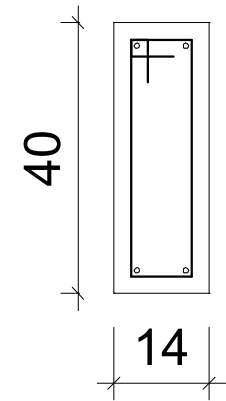
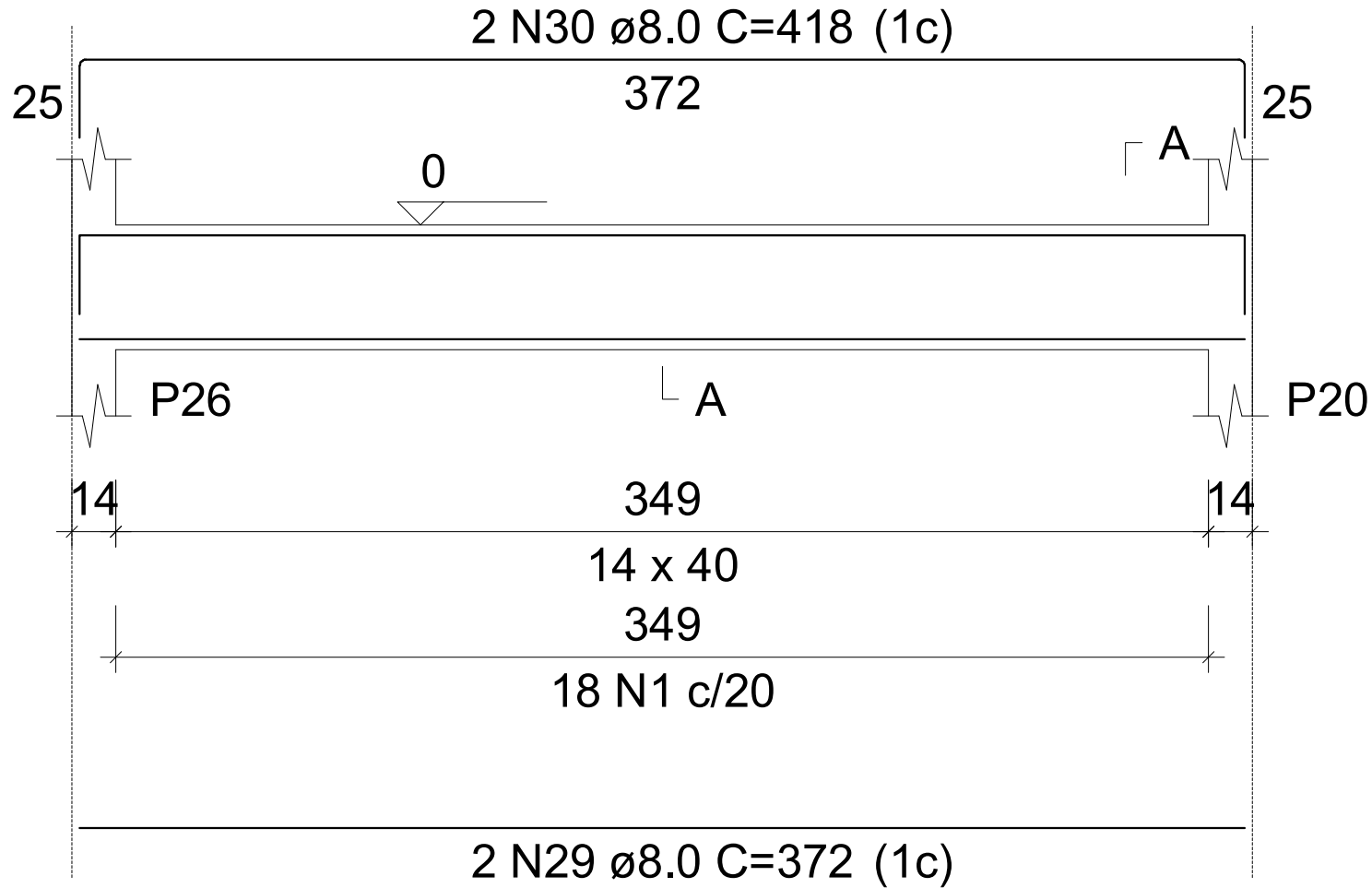
Baldrame

V60

ESC 1:50

SEÇÃO A-A

ESC 1:25



RELAÇÃO DO AÇO

V1	V2	V3
V4	V5	V6
V7	V8	V9
V10	V11	V12
V13	V14	V15
V16	V17	V18
V19	V20	V21
V22	V23	V24
V25	V26	V27
V28	V29	V30
V31	V32	V33
V34	V35	V36
V37	V38	V39
V40	V41	V42
V43	V44	V45
V46	V47	V48
V49	V50	V51
V52	V53	V54
V55	V56	V57
V58	V59	V60

ACO	DIAM	QUANT	C TOTAL
(mm)	(mm)	(ton)	(ton)
1	8.0	881	69494
2	5.0	25	275
3	5.0	1	201
4	5.0	276	3382
5	5.0	4	30
6	6.3	11	825
7	6.3	4	27
8	6.3	8	59
9	6.3	1	41
10	8.0	1	44
11	8.0	2	142
12	8.0	4	32
13	8.0	1	36
14	8.0	2	365
15	8.0	2	632
16	8.0	2	348
17	8.0	2	350
18	8.0	4	360
19	8.0	2	372
20	8.0	2	372
21	8.0	2	41
22	8.0	2	209
23	8.0	1	135
24	8.0	2	350
25	8.0	4	350
26	8.0	4	350
27	8.0	4	350
28	8.0	4	350
29	8.0	4	350
30	8.0	4	350
31	8.0	4	350
32	8.0	4	350
33	8.0	4	350
34	8.0	4	350
35	8.0	4	350
36	8.0	4	350
37	8.0	4	350
38	8.0	4	350
39	8.0	4	350
40	8.0	4	350
41	8.0	4	350
42	8.0	4	350
43	8.0	4	350
44	8.0	4	350
45	8.0	4	350
46	8.0	4	350
47	8.0	4	350
48	8.0	4	350
49	8.0	4	350
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51	8.0	4	350
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60	8.0	4	350
61	8.0	4	350
62	8.0	4	350
63	8.0	4	350
64	8.0	4	350
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66	8.0	4	350
67	8.0	4	350
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71	8.0	4	350
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79	8.0	4	350
80	8.0	4	350
81	8.0	4	350
82	8.0	4	350
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127	8.0	4	350
128	8.0	4	350
129	8.0	4	350
130	8.0	4	350
131	8.0	4	350
132	8.0	4	350
133	8.0	4	350
134	8.0	4	350
135	8.0	4	350
136	8.0	4	350
137	8.0	4	350
138	8.0	4	350

RESUMO DO AÇO

ACO	DIAM	C TOTAL	QUANT + 10%	PERO + 10%
(mm)	(mm)	(ton)	(ton)	(ton)
CASO	8.0	43.5	4	11.7
	5.0	65.1	40	107.4
	5.0	621	17	432.2
CASO	5.0	131.6	11	138.7
PERO TOTAL		1286.5	114	2556.6

PERO TOTAL (kg)
CASO 770.4
CASO 2055.6

Volume de concreto (C-25) = 13.26 m³
Area da forma = 348.83 m²