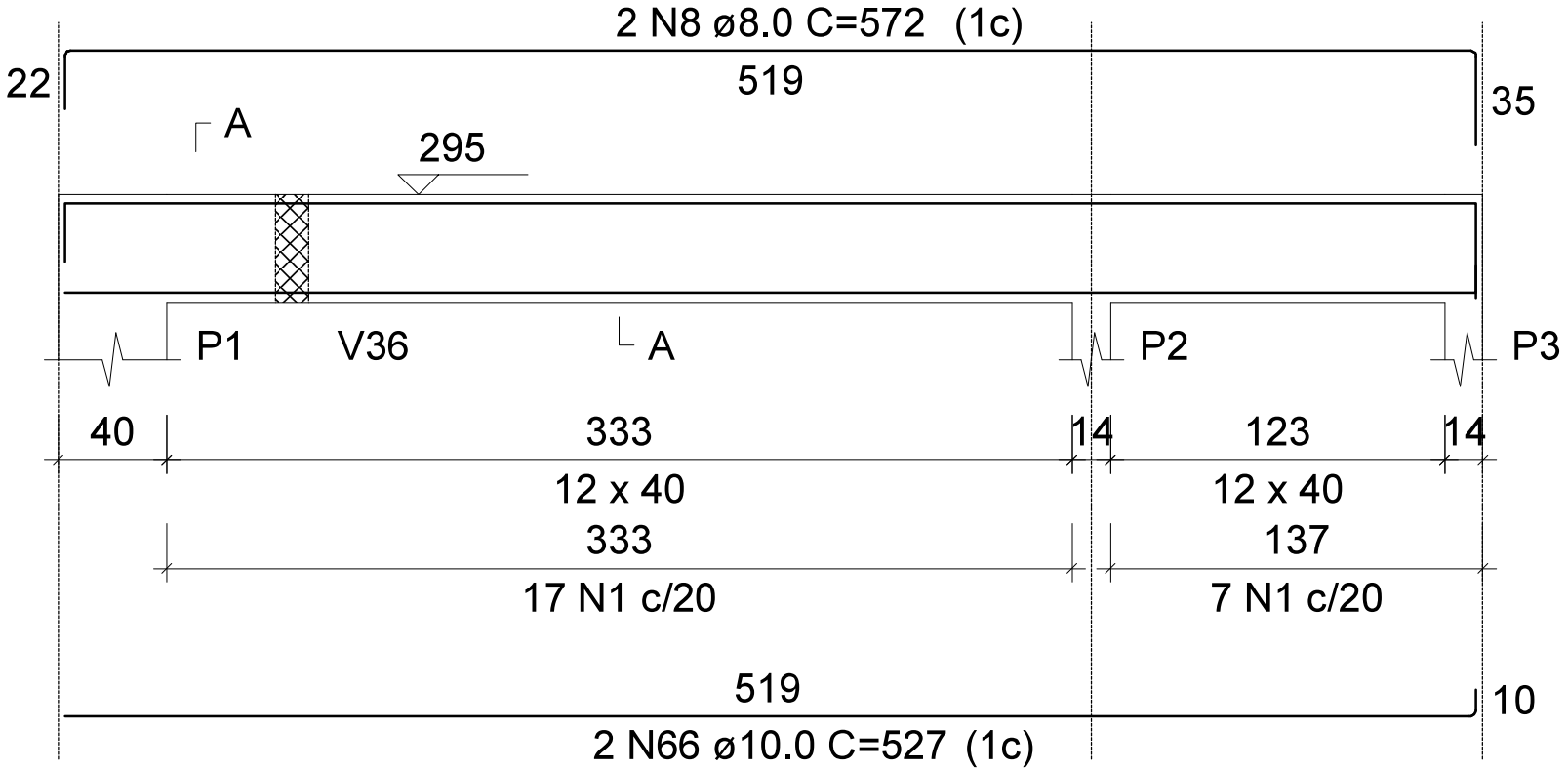
Cobertura

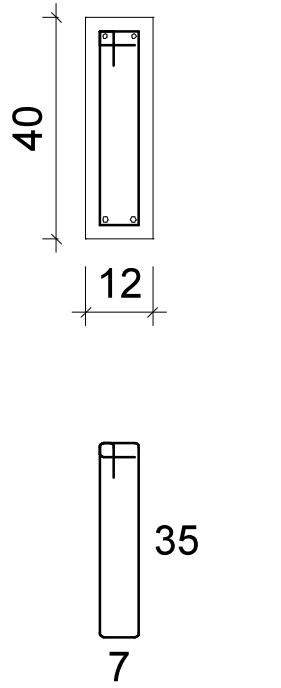
V1

ESC 1:50



SEÇÃO A-A

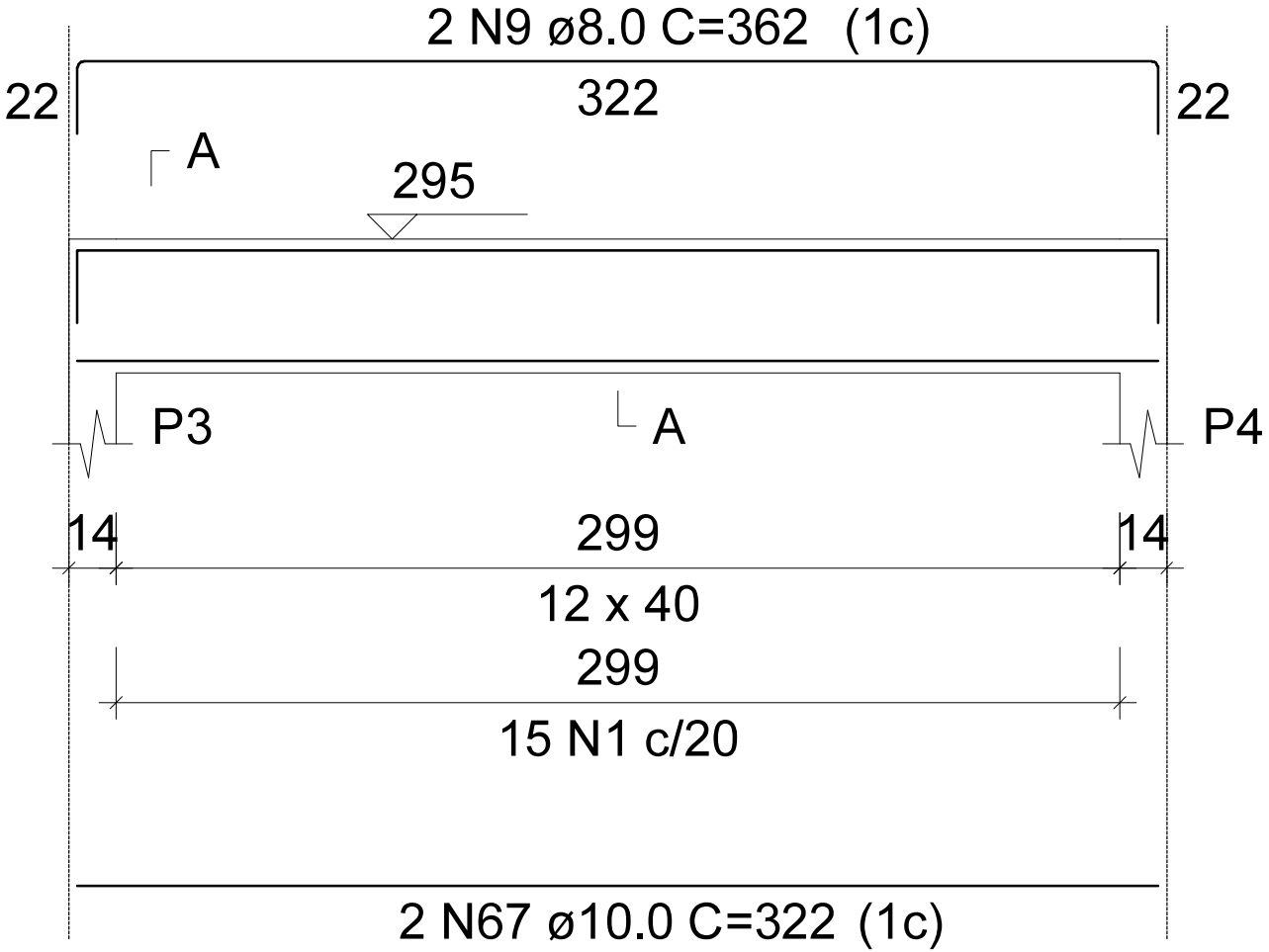
ESC 1:25



Cobertura

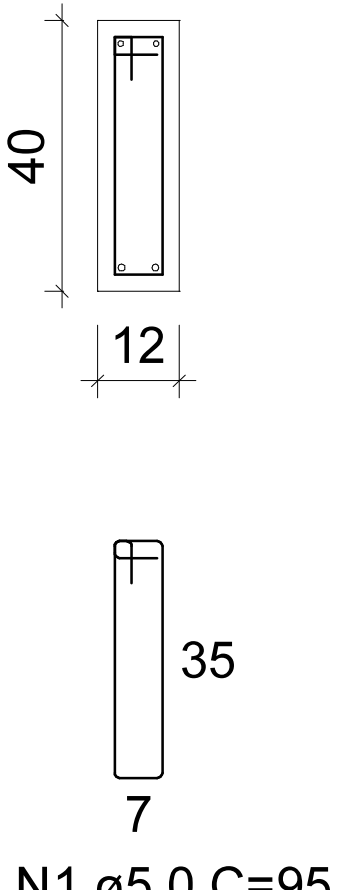
V2

ESC 1:50



SEÇÃO A-A

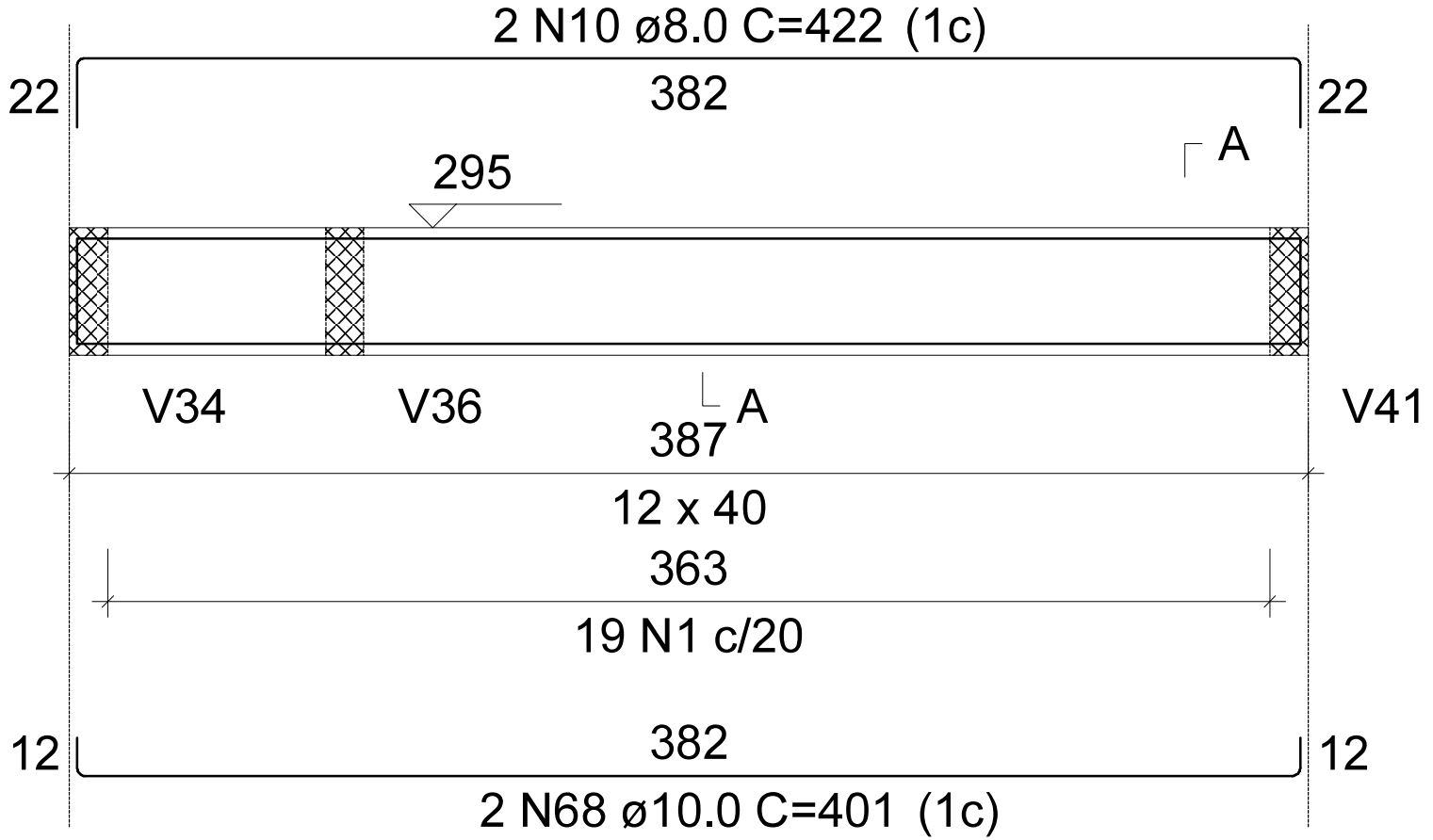
ESC 1:25



Cobertura

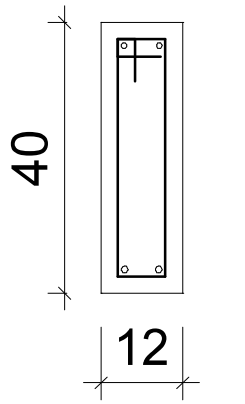
V3

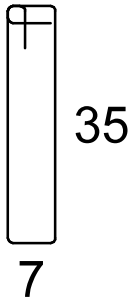
ESC 1:50



SEÇÃO A-A

ESC 1:25



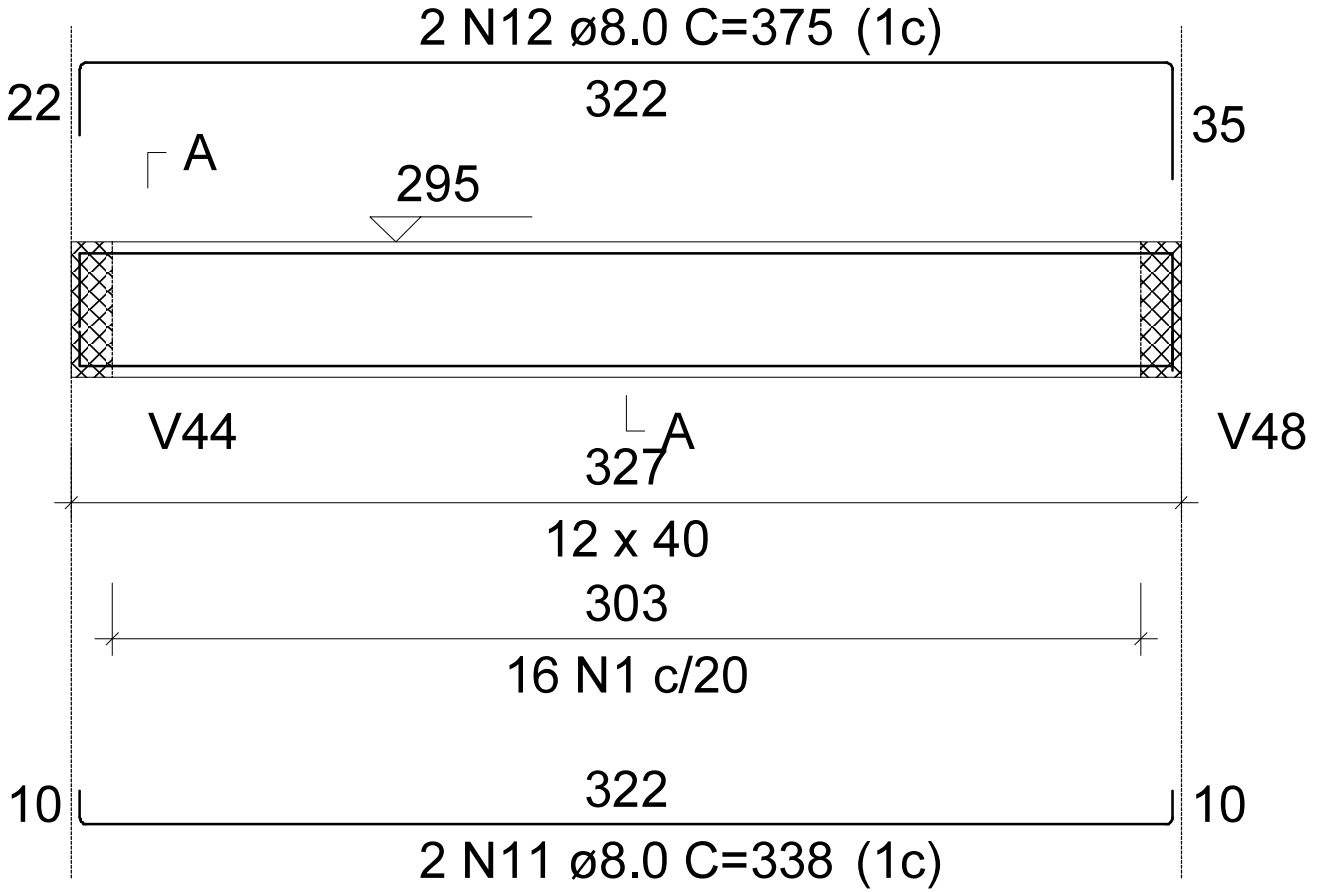


19 N1 ø5.0 C=95

Cobertura

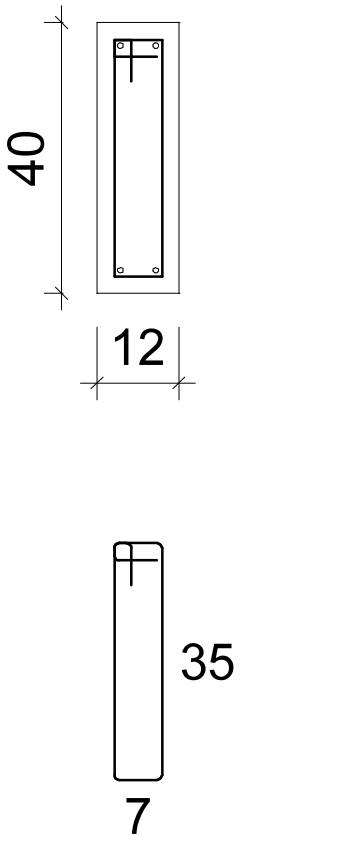
V4

ESC 1:50



SEÇÃO A-A

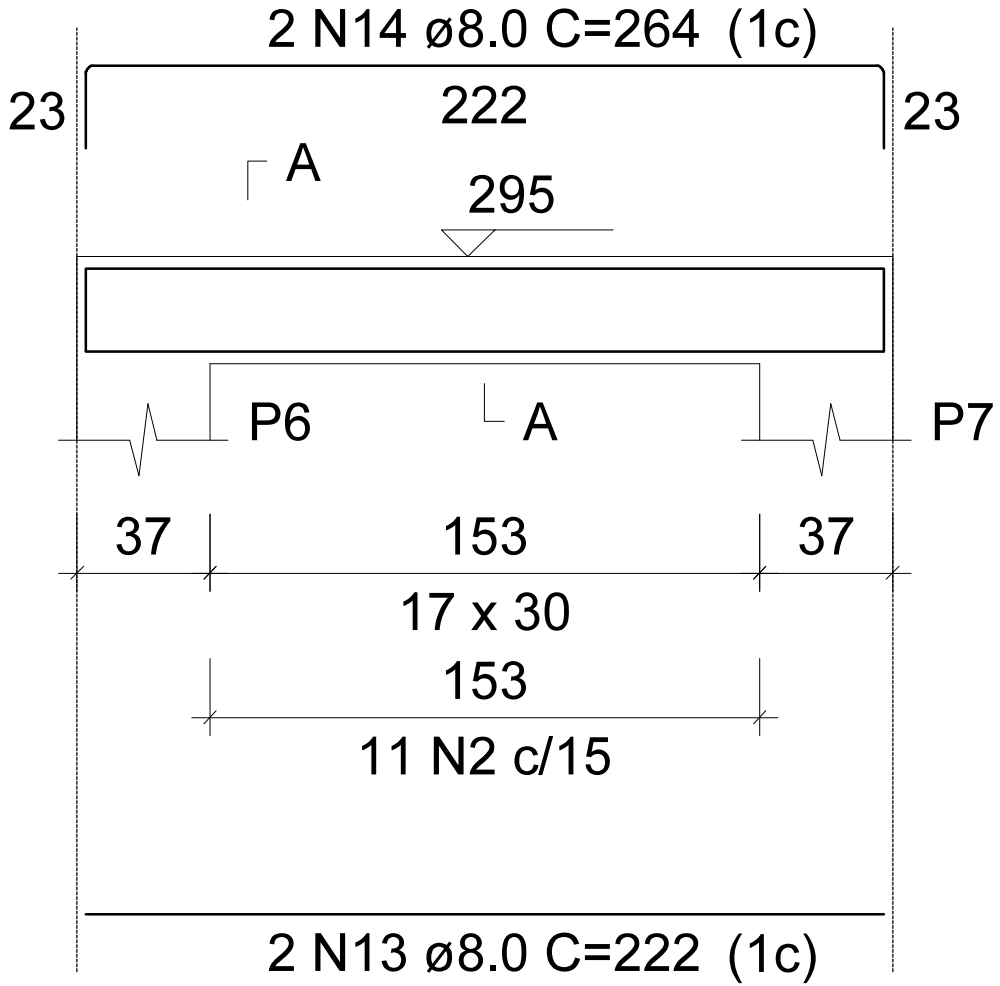
ESC 1:25



Cobertura

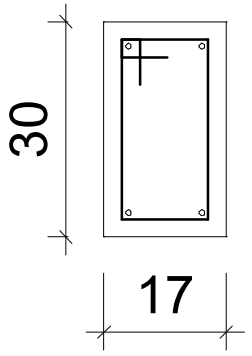
V5

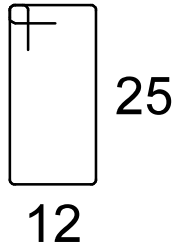
ESC 1:50



SEÇÃO A-A

ESC 1:25



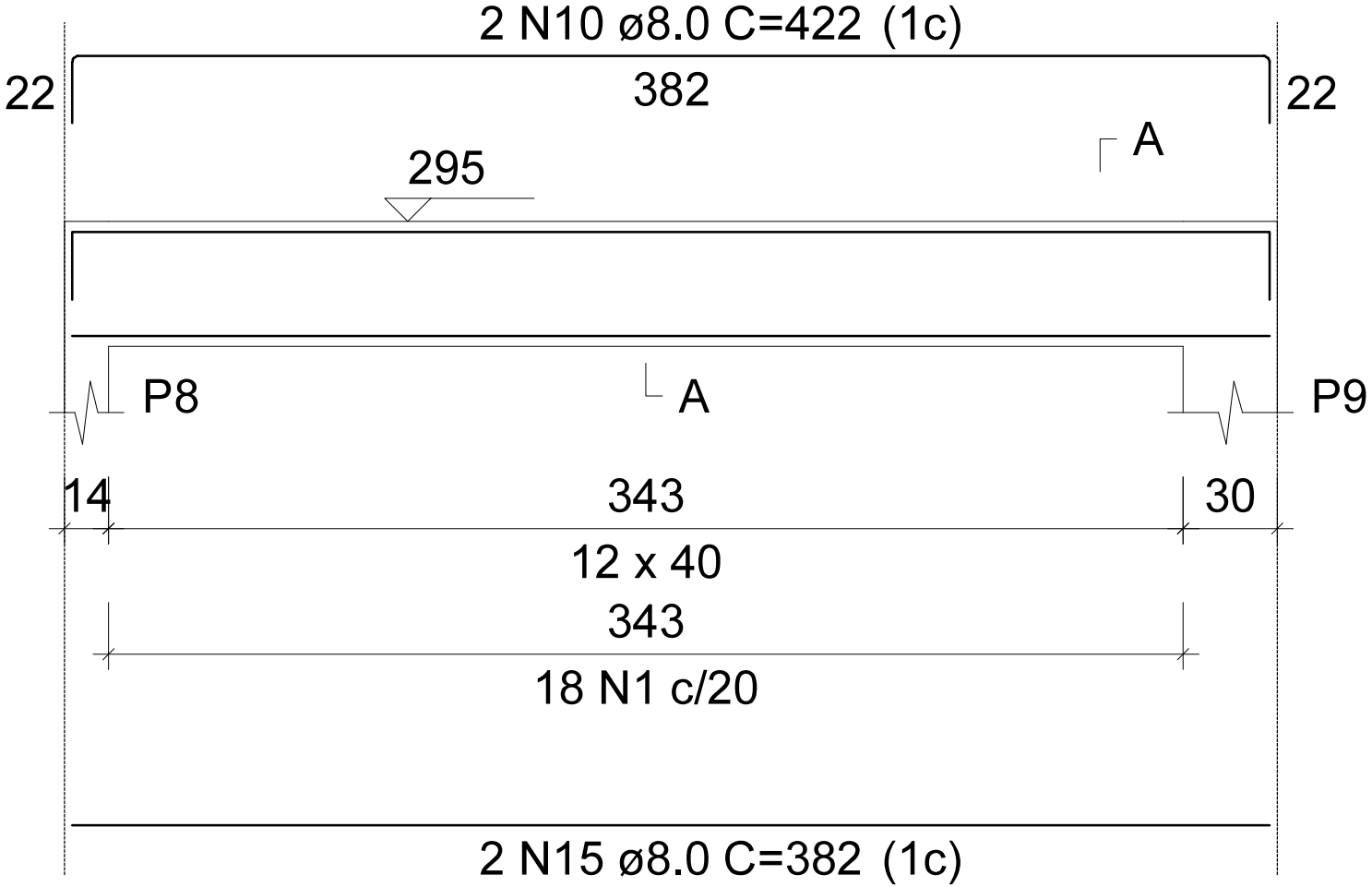


11 N2 ø5.0 C=85

Cobertura

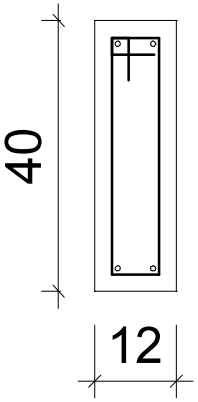
V6

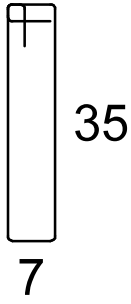
ESC 1:50



SEÇÃO A-A

ESC 1:25



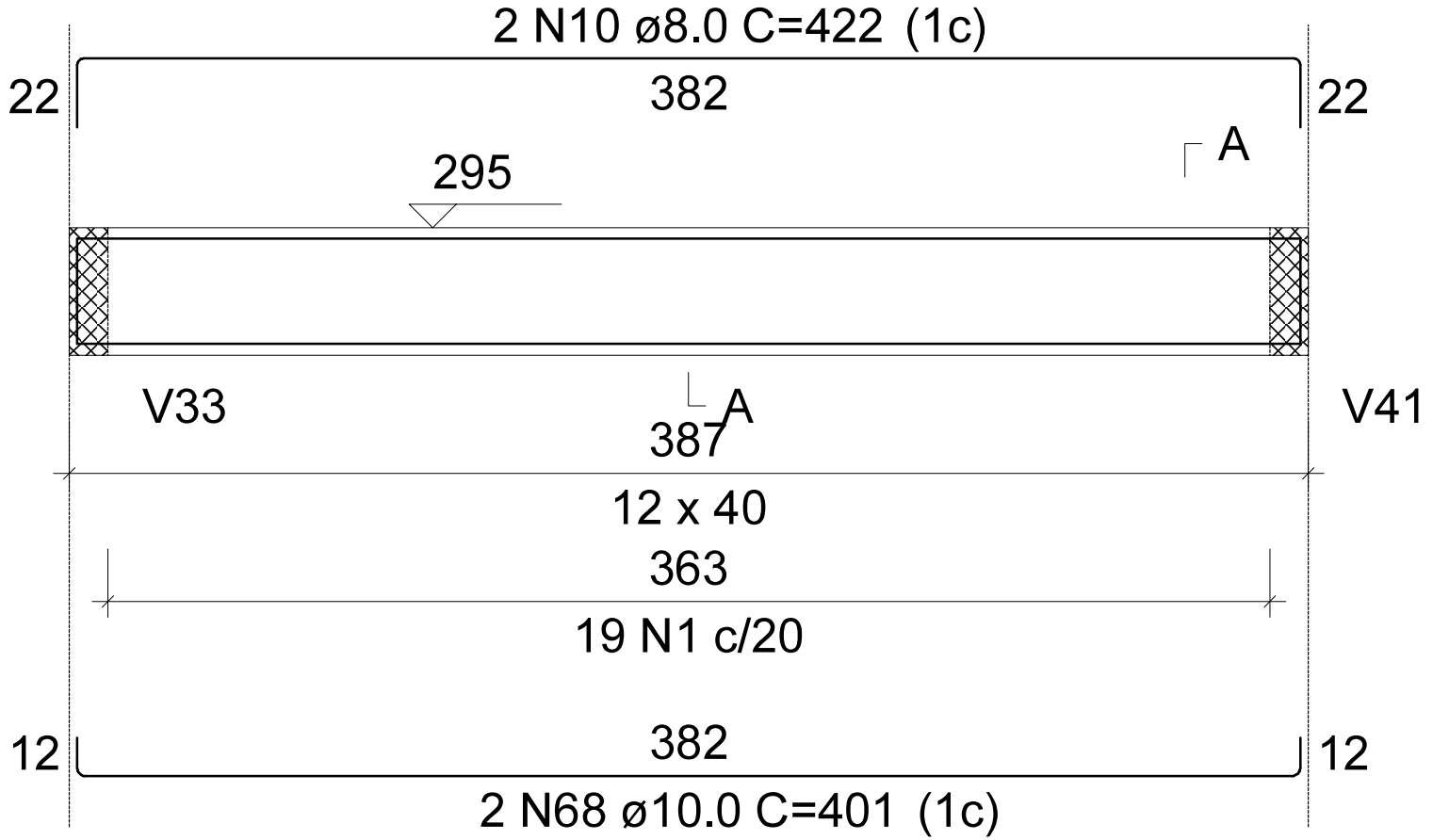


18 N1 ø5.0 C=95

Cobertura

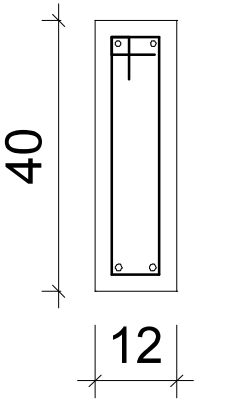
V7

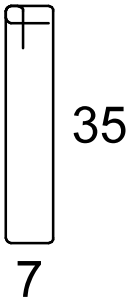
ESC 1:50



SEÇÃO A-A

ESC 1:25



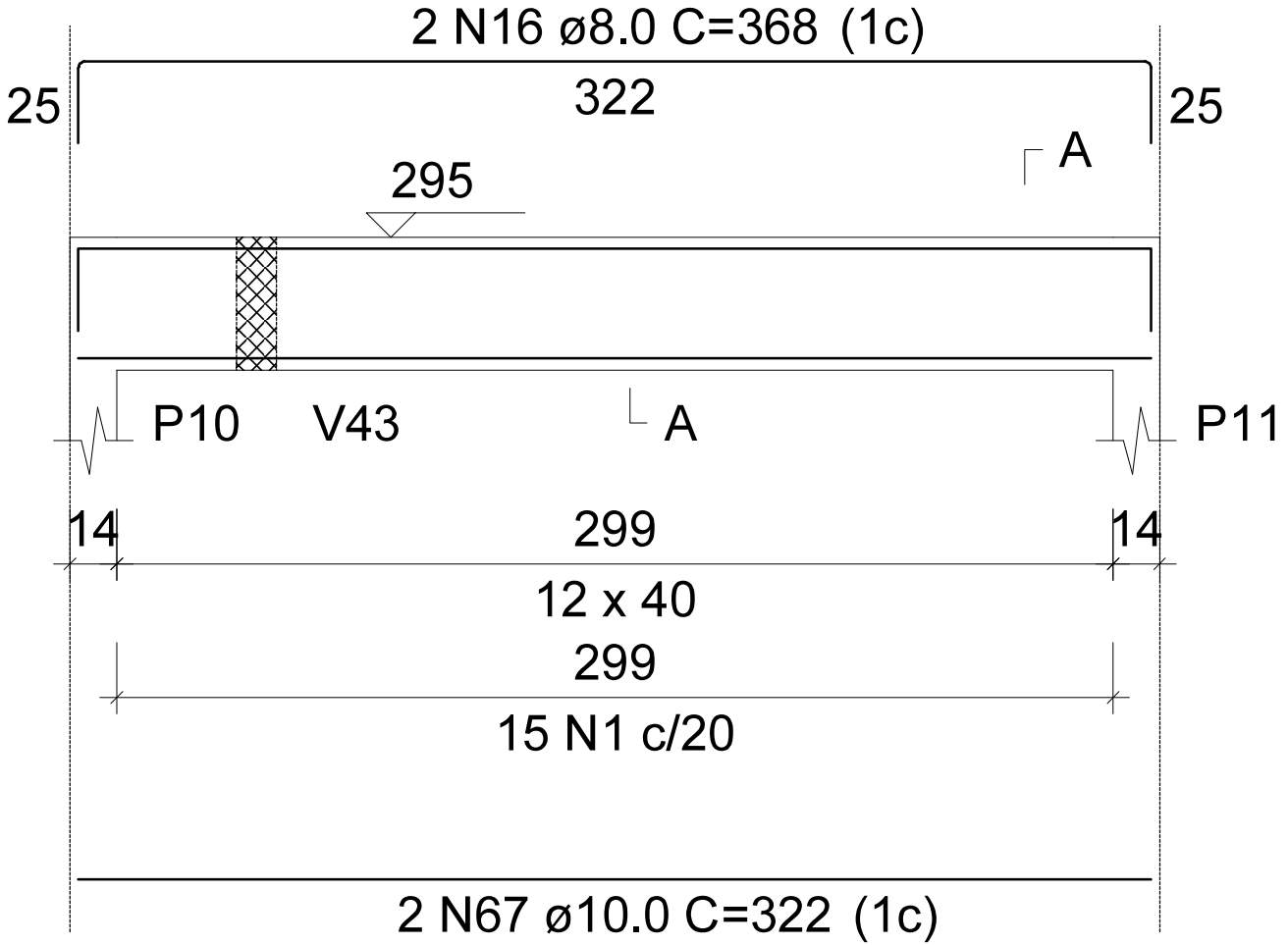


19 N1 ø5.0 C=95

Cobertura

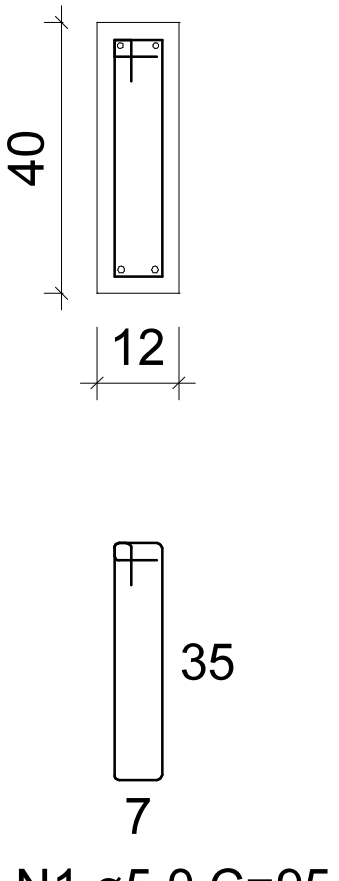
V8

ESC 1:50



SEÇÃO A-A

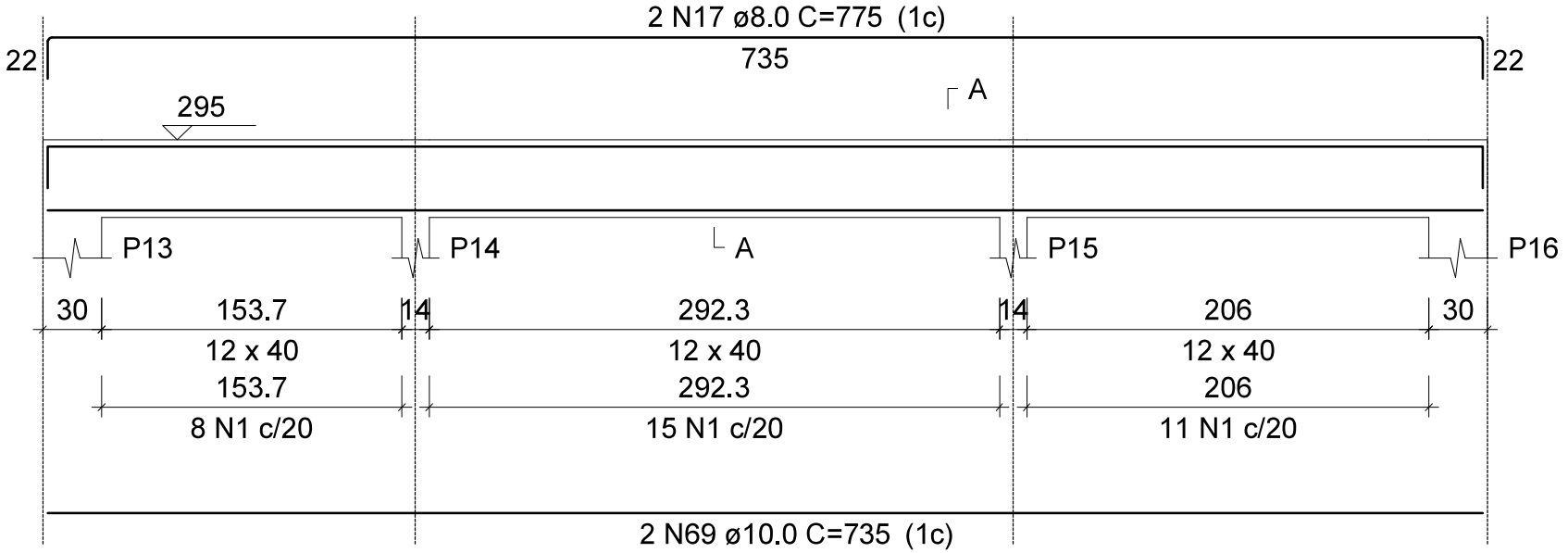
ESC 1:25



Cobertura

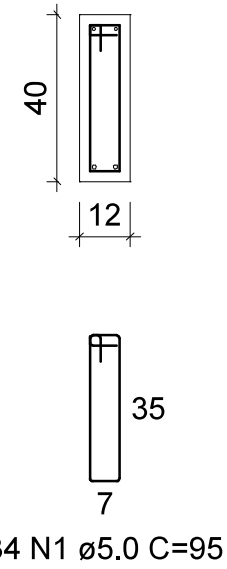
V9

ESC 1:50



SEÇÃO A-A

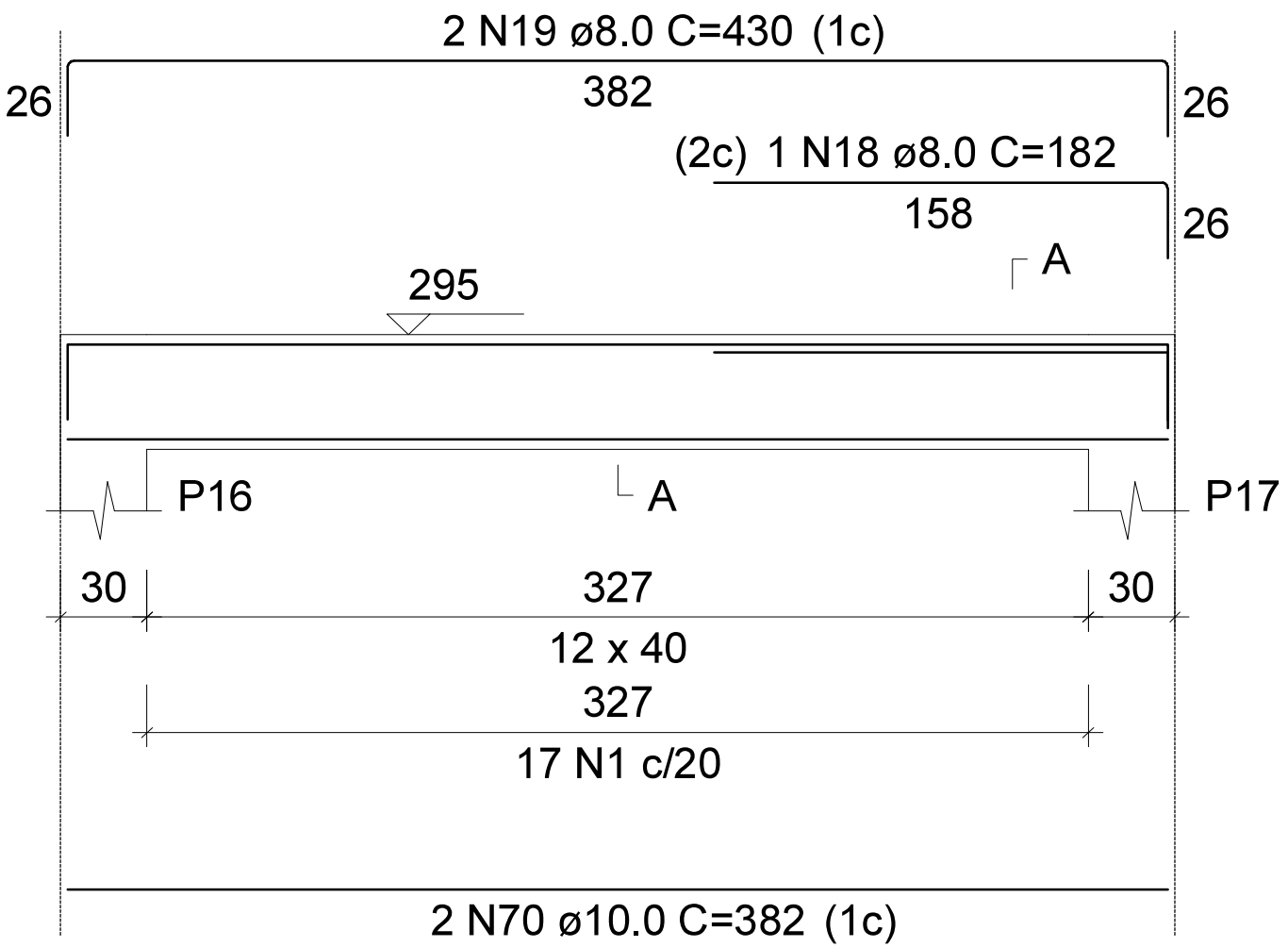
ESC 1:25



Cobertura

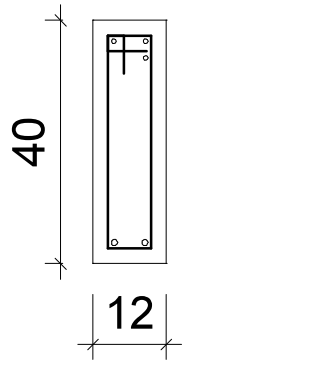
V10

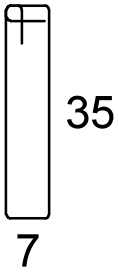
ESC 1:50



SEÇÃO A-A

ESC 1:25



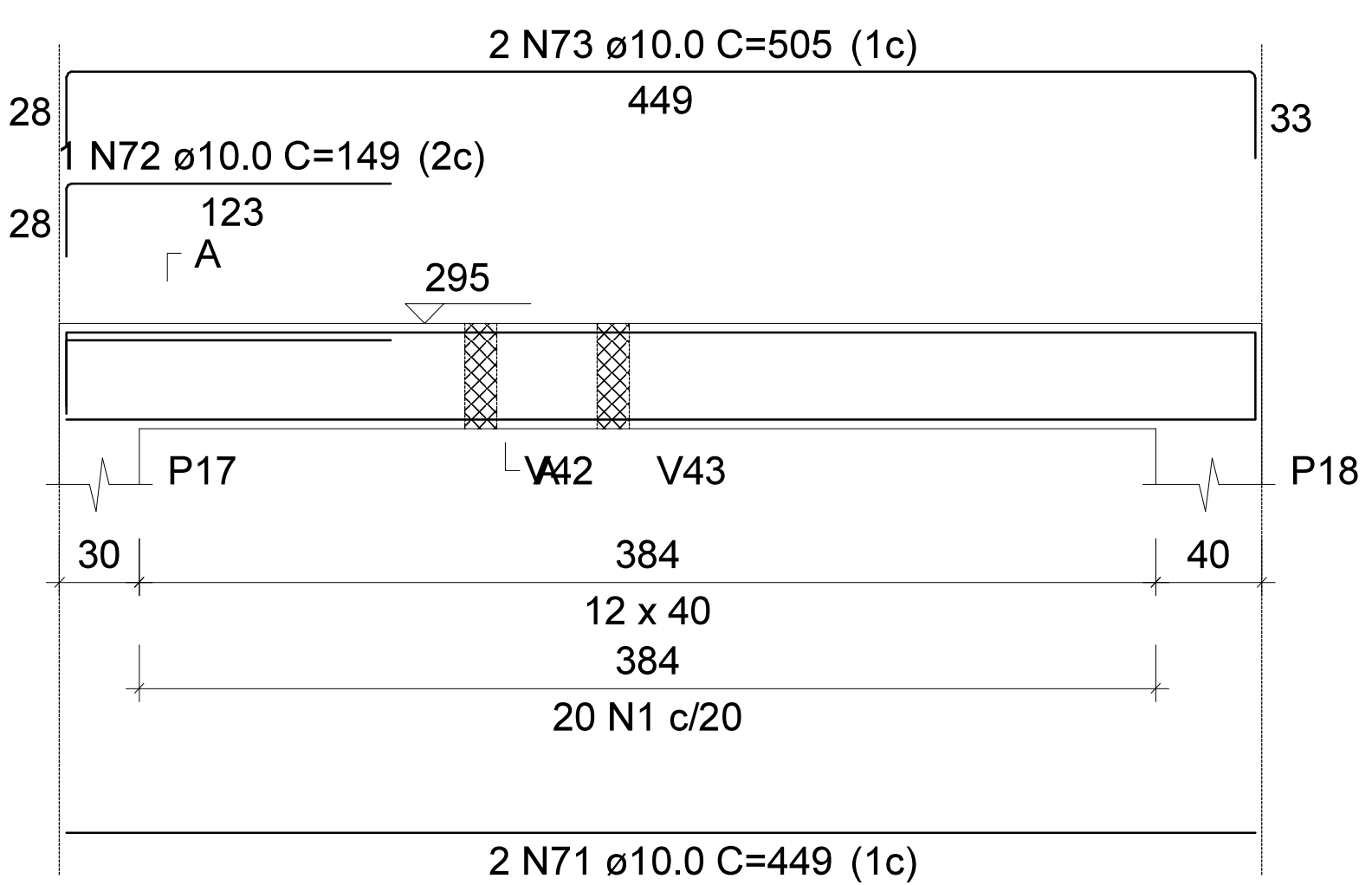


17 N1 ø5.0 C=95

Cobertura

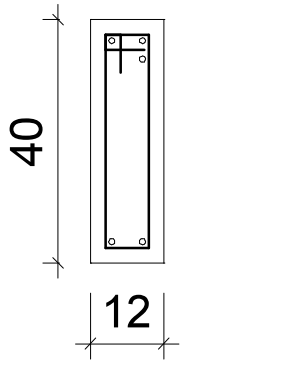
V11

ESC 1:50



SEÇÃO A-A

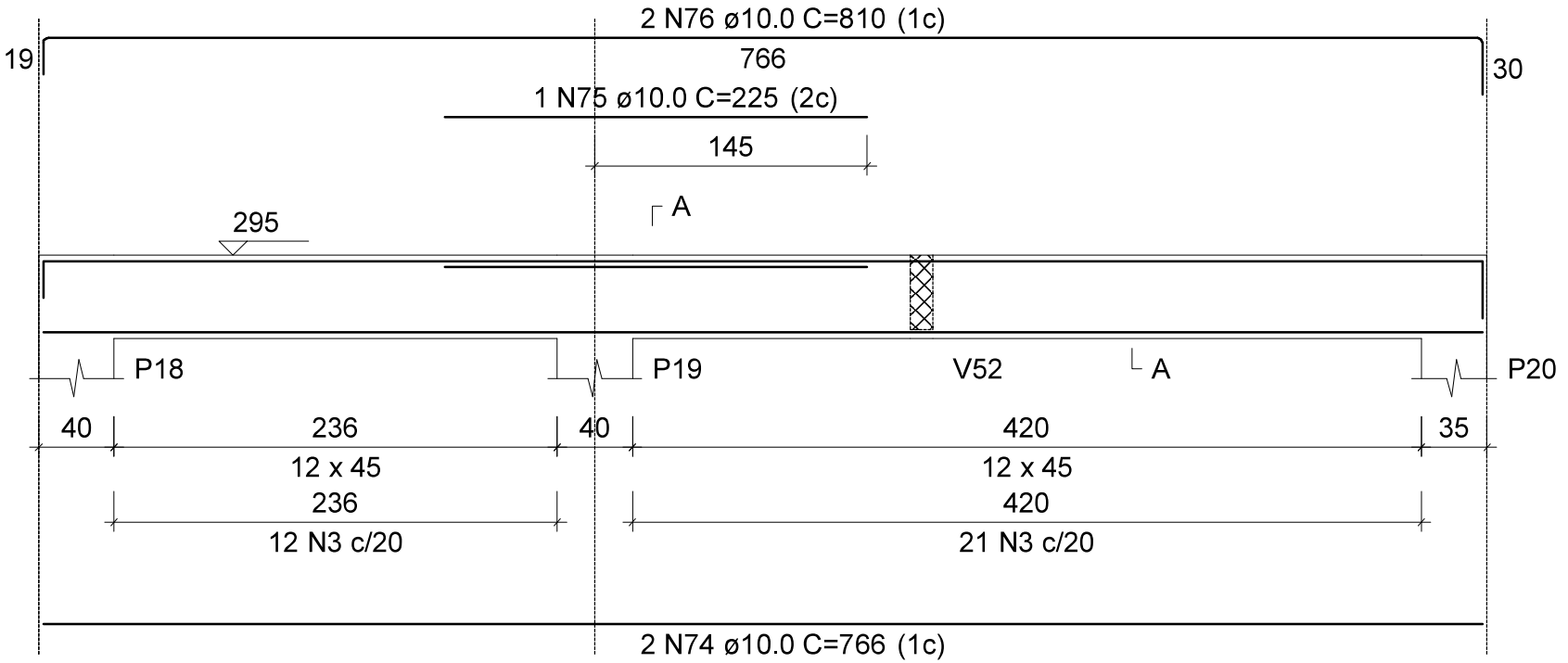
ESC 1:25



Cobertura

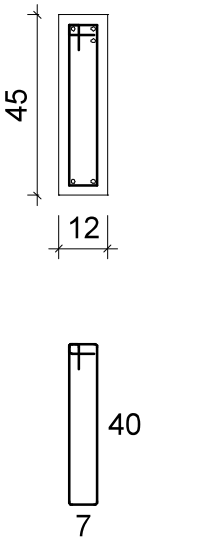
V12

ESC 1:50



SEÇÃO A-A

ESC 1:25

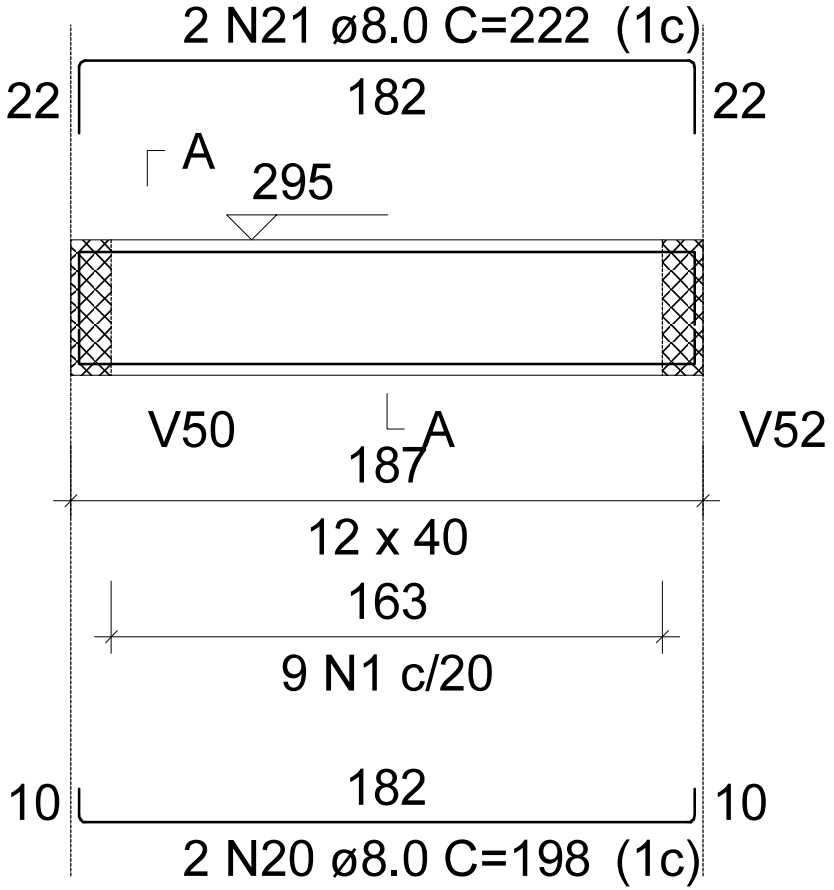


33 N3 ø5.0 C=105

Cobertura

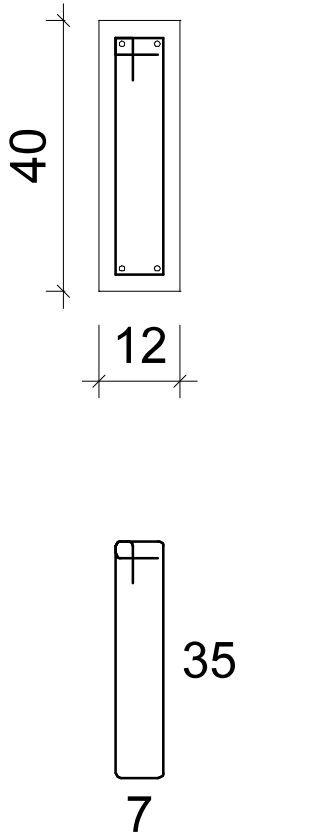
V13

ESC 1:50



SEÇÃO A-A

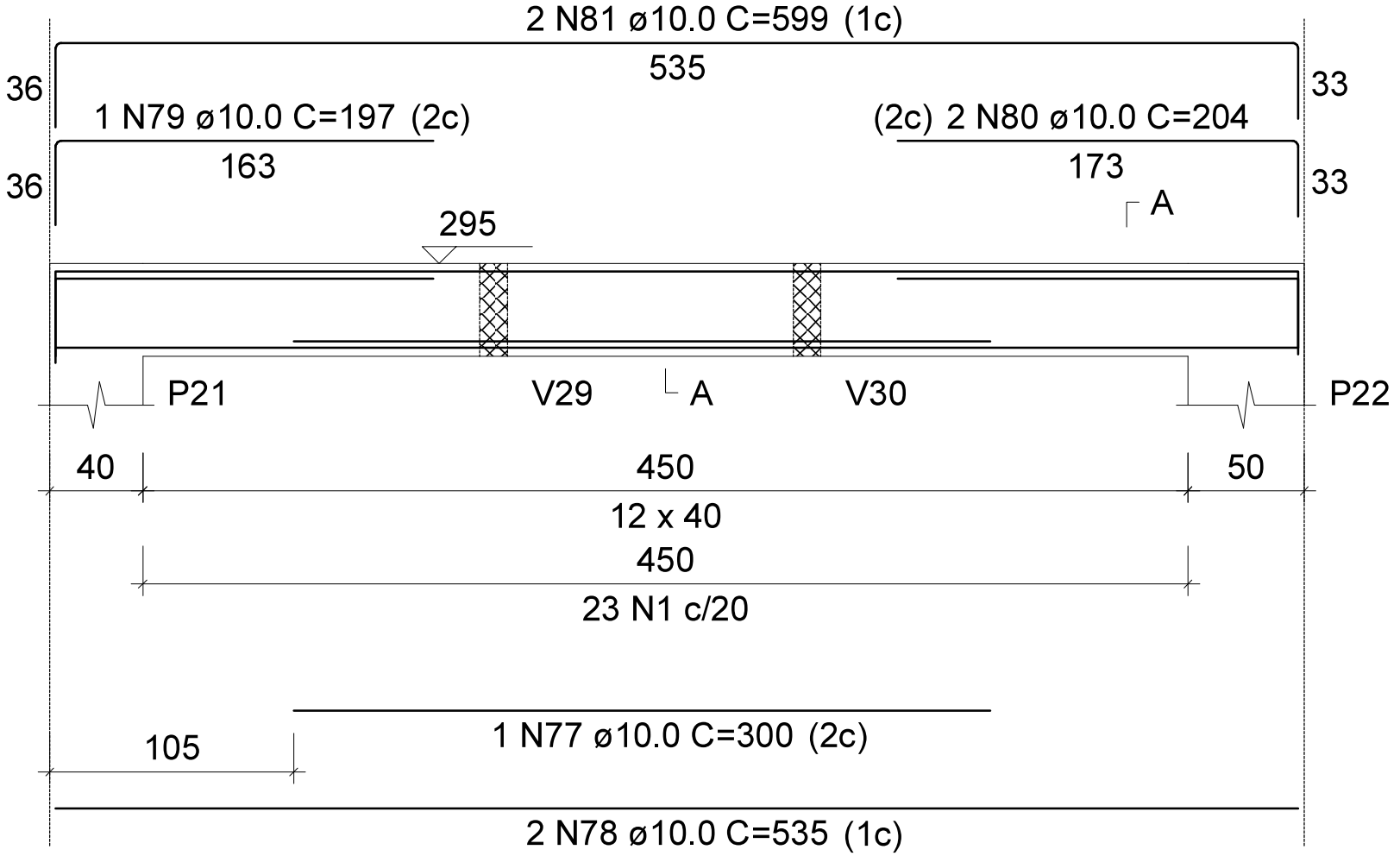
ESC 1:25



Cobertura

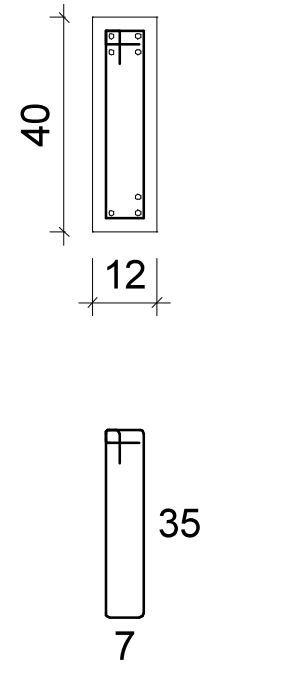
V14

ESC 1:50



SEÇÃO A-A

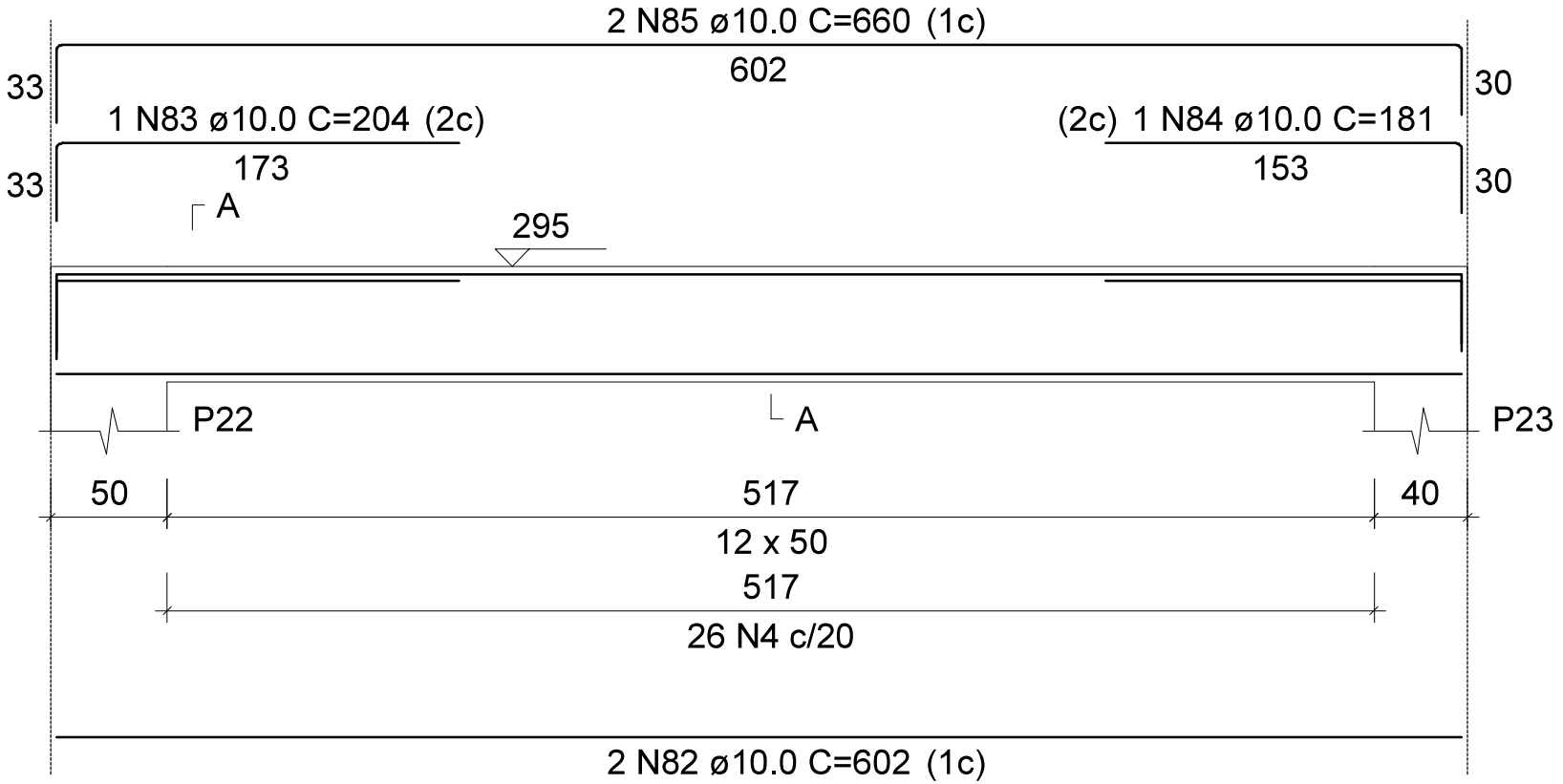
ESC 1:25



Cobertura

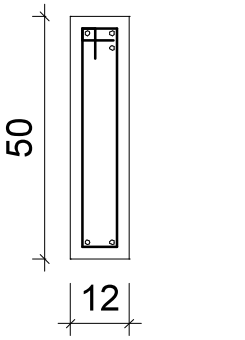
V15

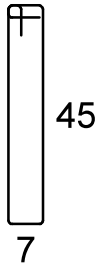
ESC 1:50



SEÇÃO A-A

ESC 1:25



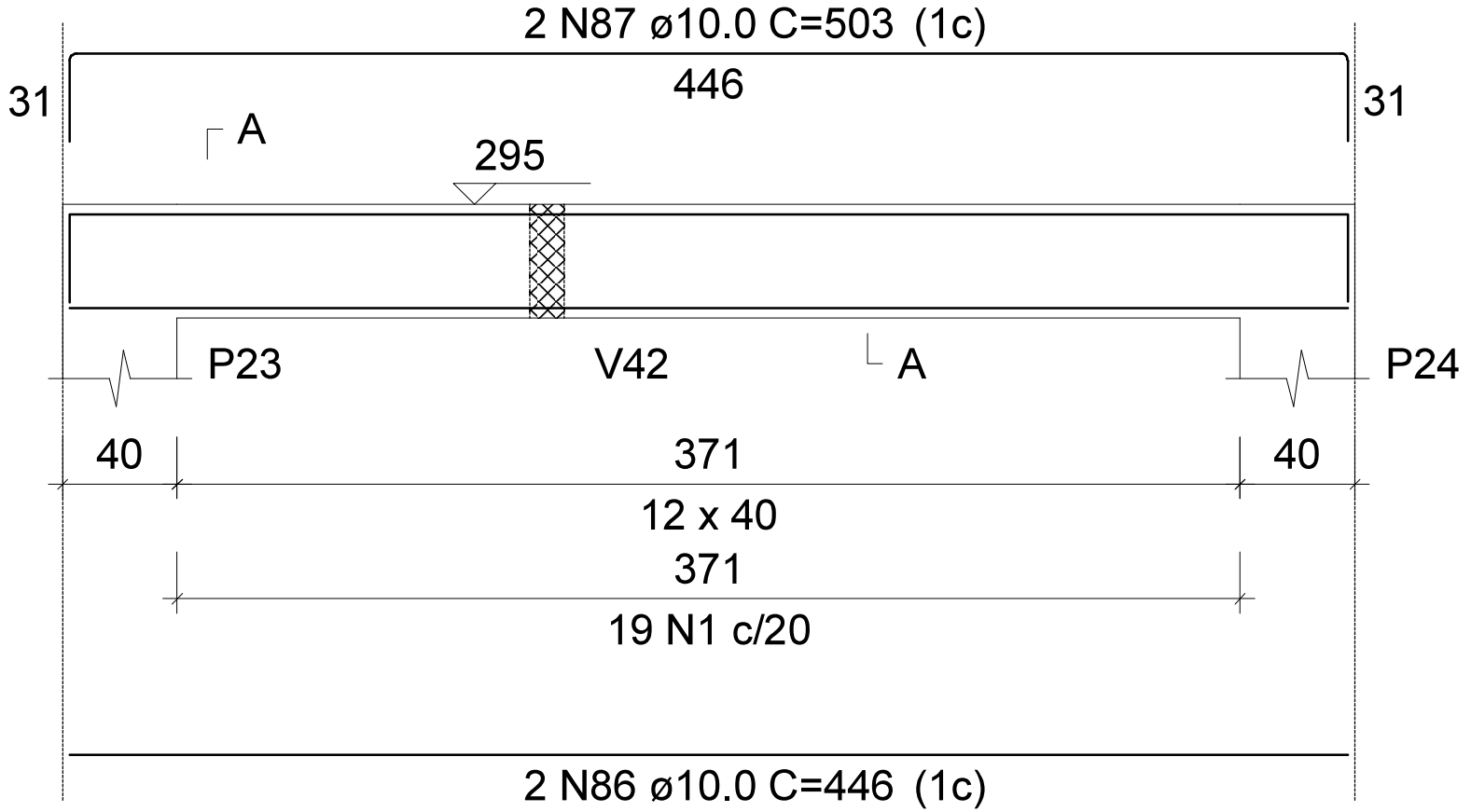


26 N4 ø5.0 C=115

Cobertura

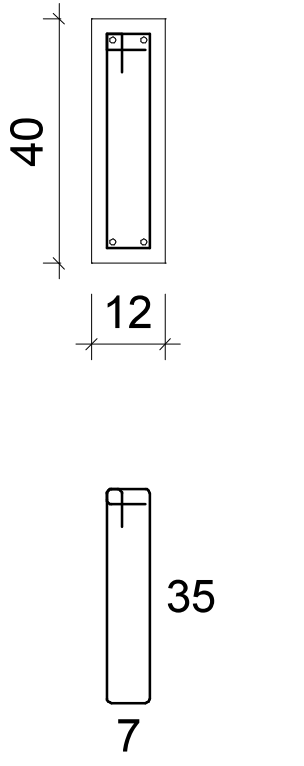
V16

ESC 1:50



SEÇÃO A-A

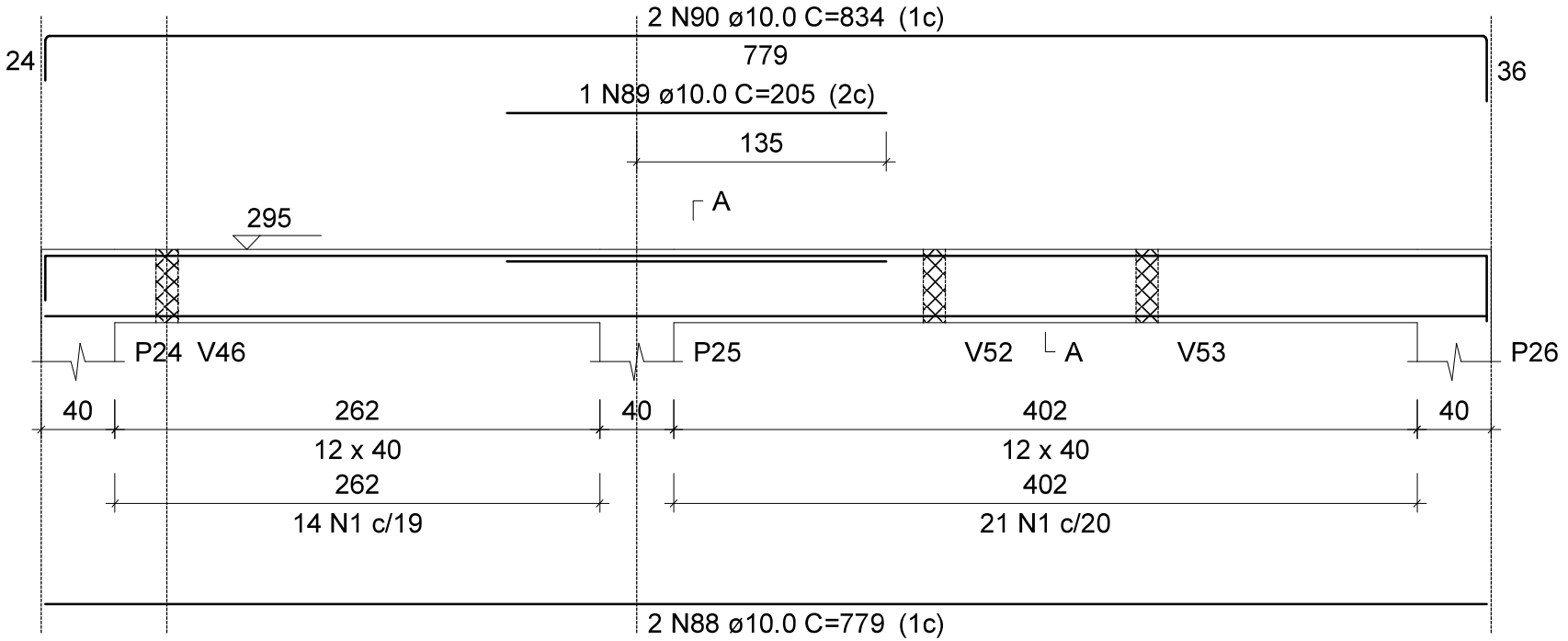
ESC 1:25



Cobertura

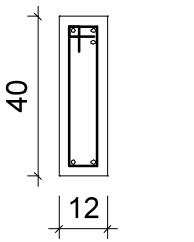
V17

ESC 1:50



SEÇÃO A-A

ESC 1:25

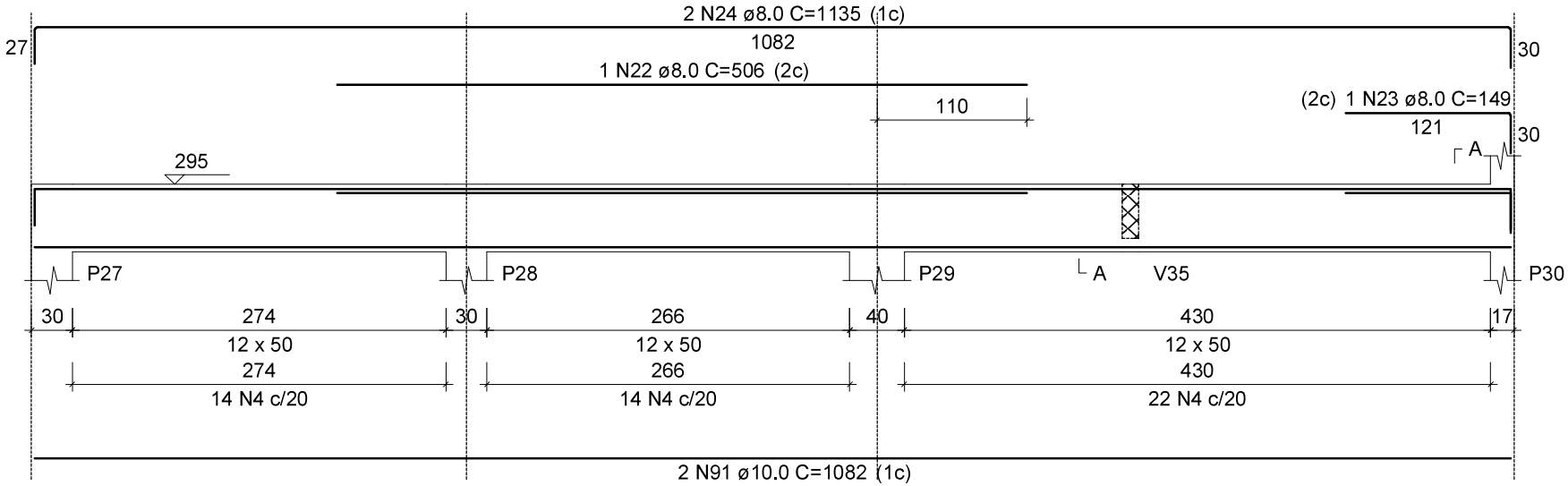


35 N1 ø5.0 C=95

Cobertura

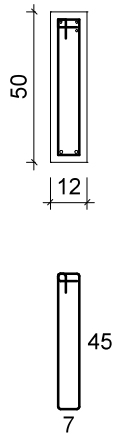
V18

ESC 1:50



SEÇÃO A-A

ESC 1:25

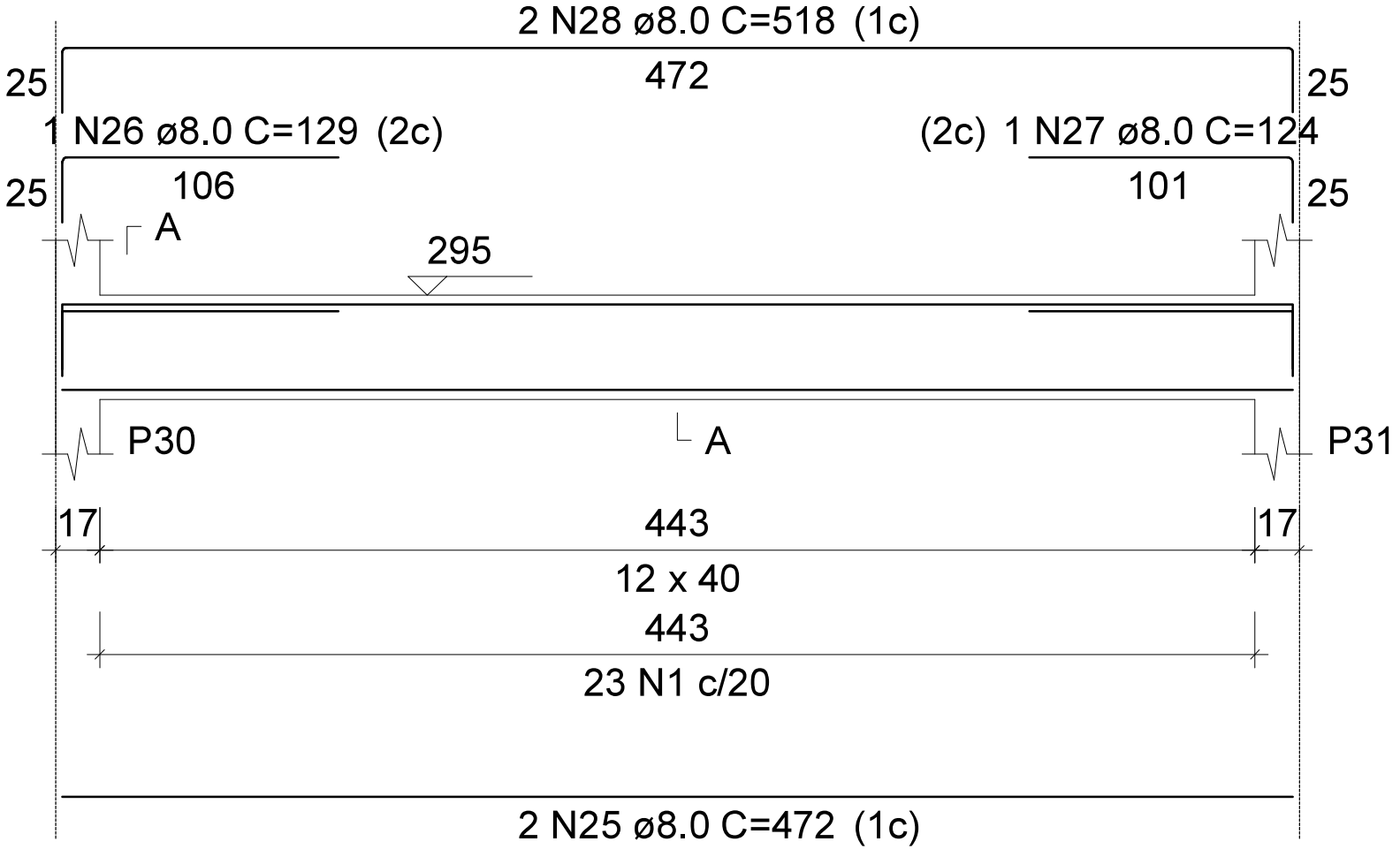


50 N4 ø5.0 C=115

Cobertura

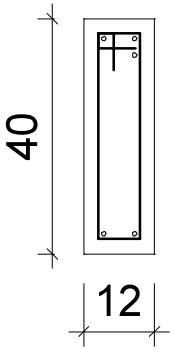
V19

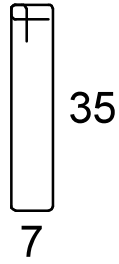
ESC 1:50



SEÇÃO A-A

ESC 1:25



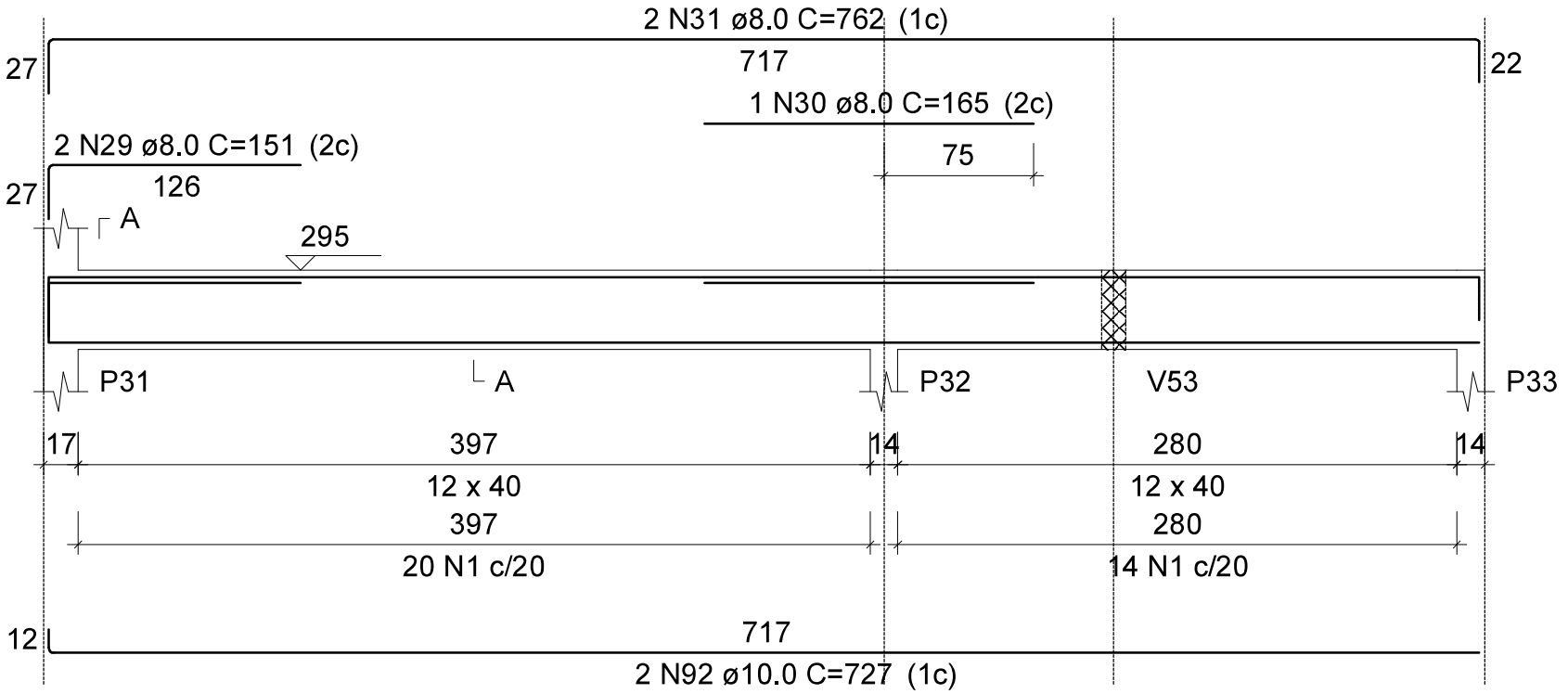


23 N1 ø5.0 C=95

Cobertura

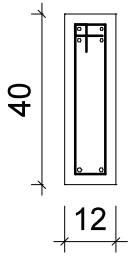
V20

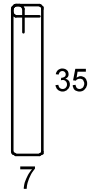
ESC 1:50



SEÇÃO A-A

ESC 1:25



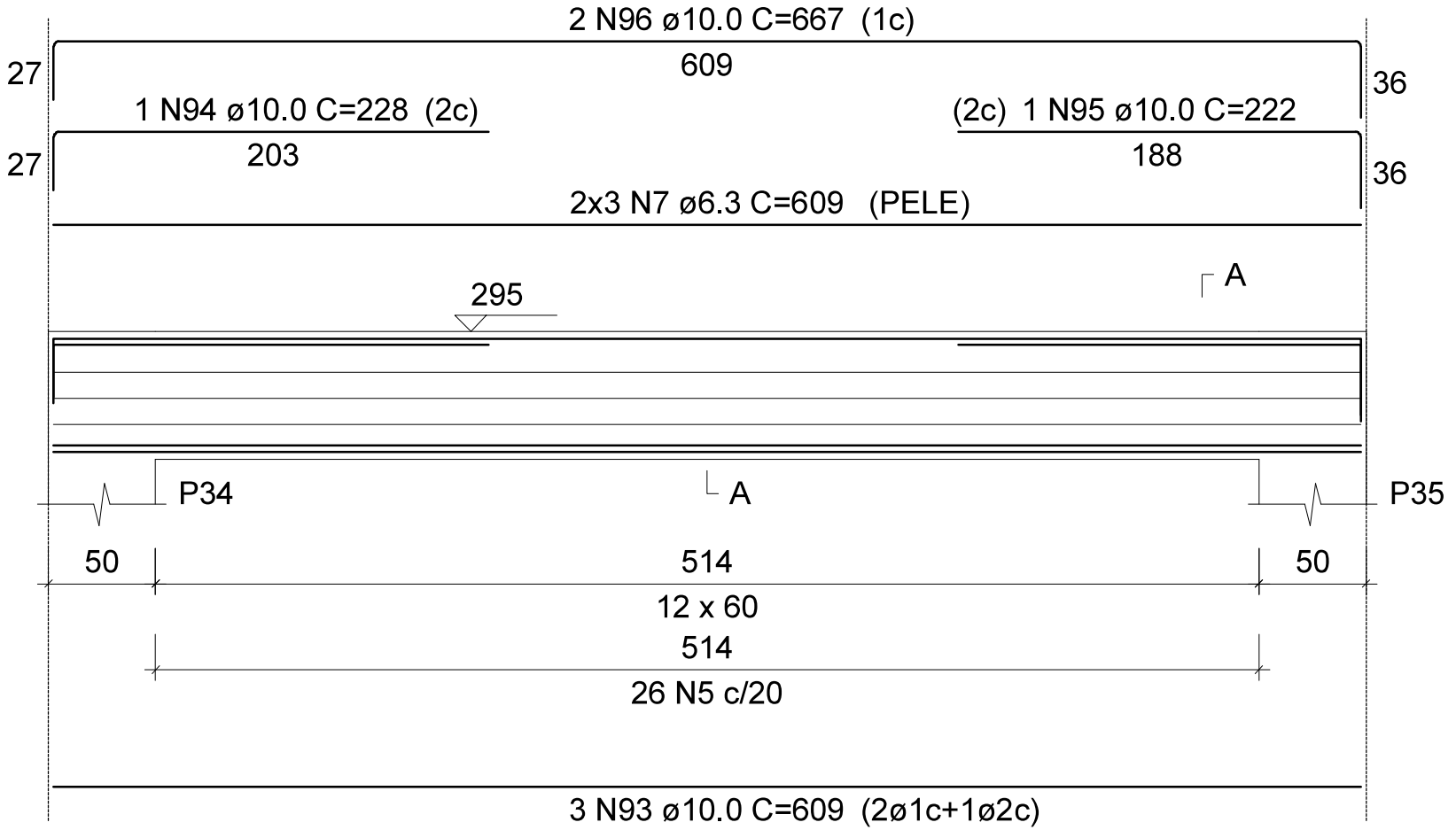


34 N1 ø5.0 C=95

Cobertura

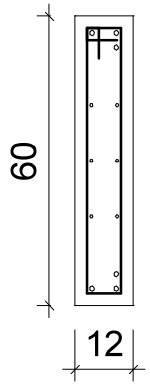
V21

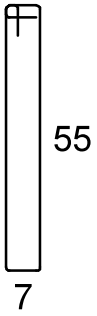
ESC 1:50



SEÇÃO A-A

ESC 1:25



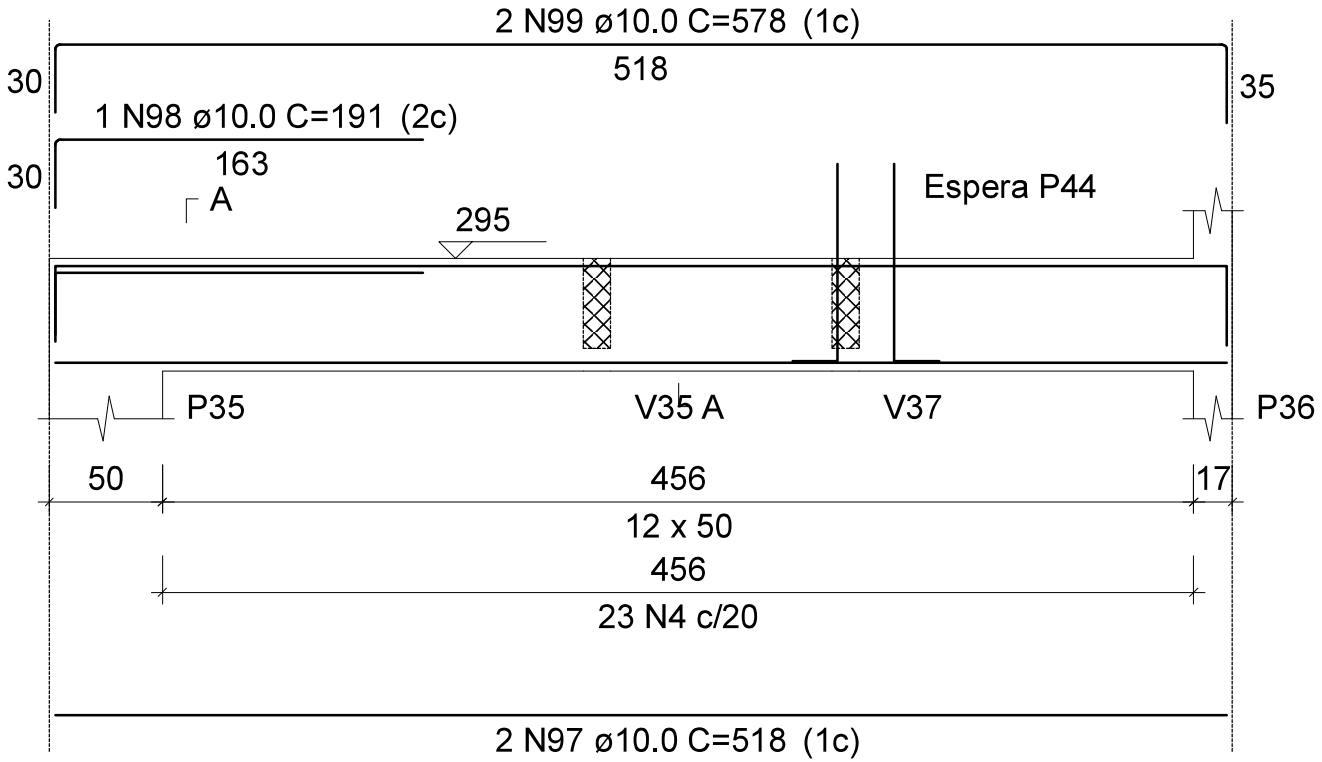


26 N5 ø5.0 C=135

Cobertura

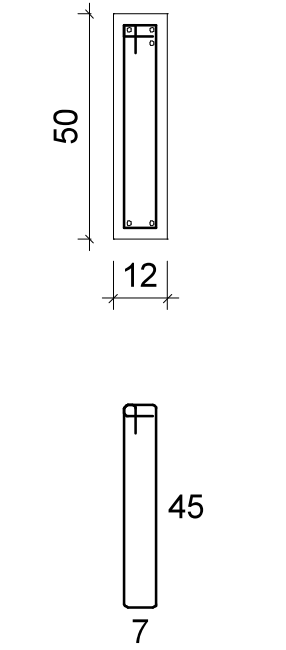
V22

ESC 1:50



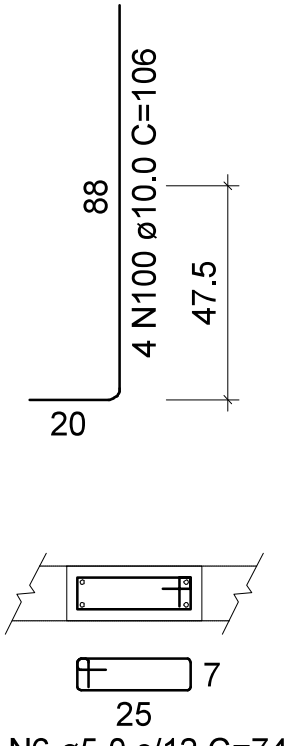
SEÇÃO A-A

ESC 1:25



ESPERA P44

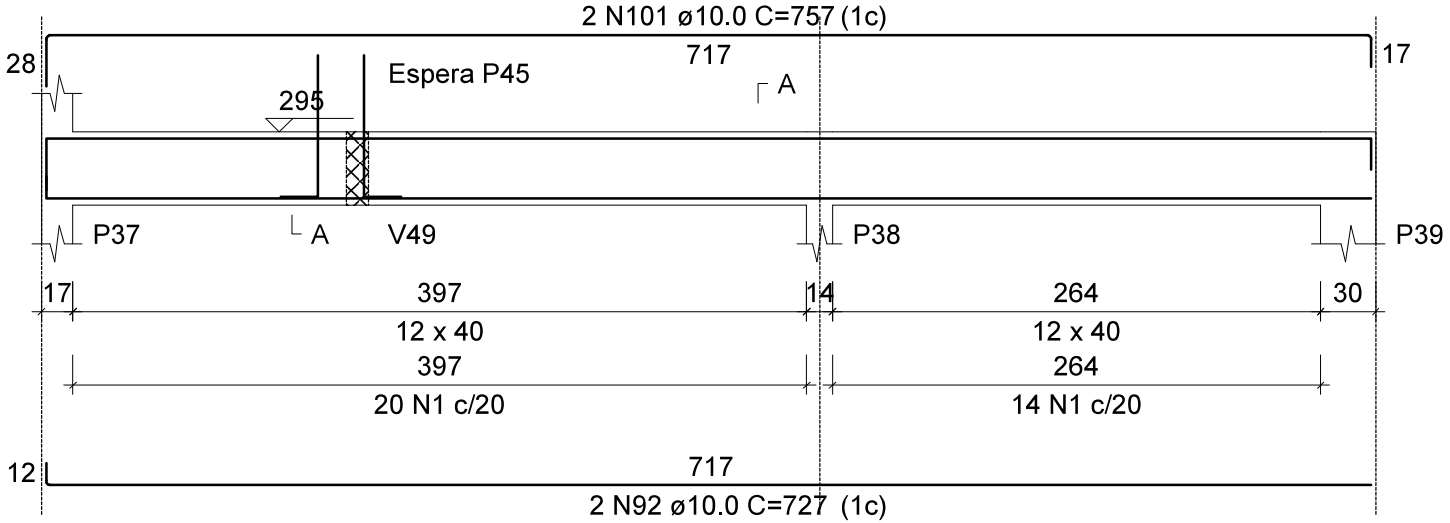
ESC 1:25



Cobertura

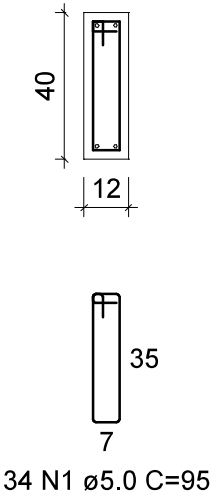
V23

ESC 1:50



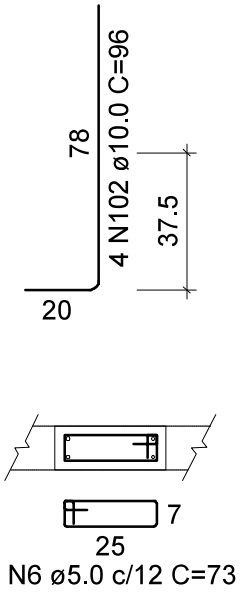
SEÇÃO A-A

ESC 1:25



ESPERA P45

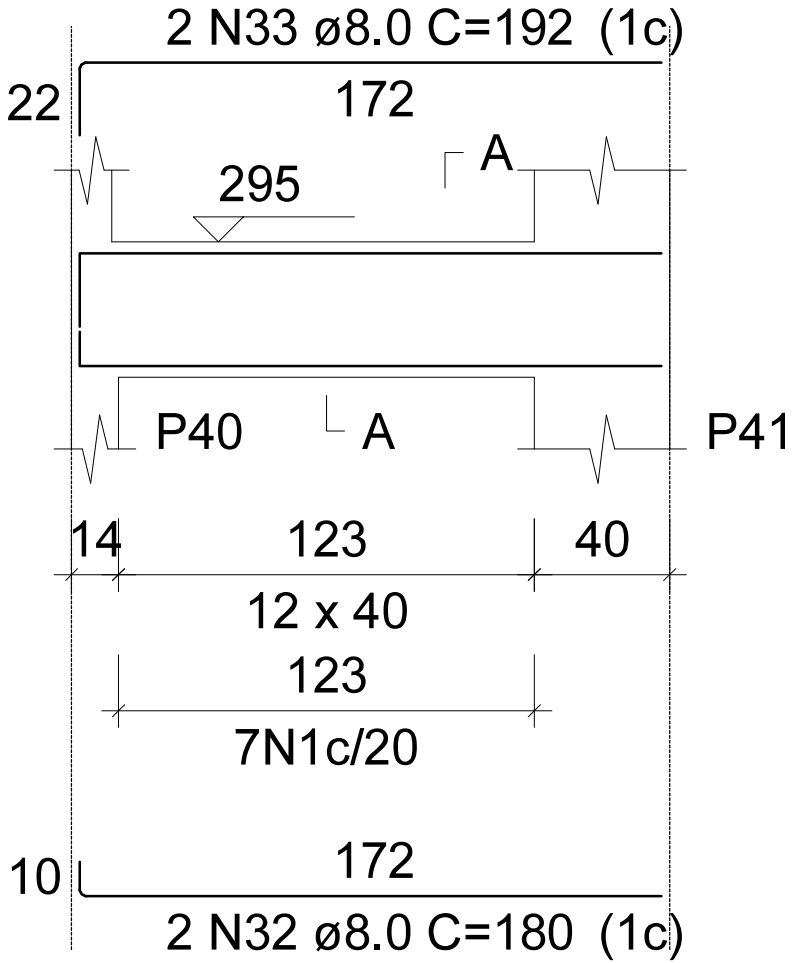
ESC 1:25



Cobertura

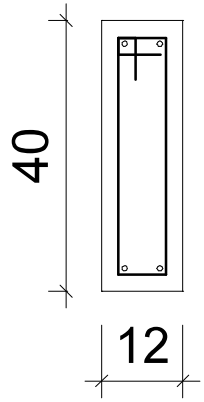
V24

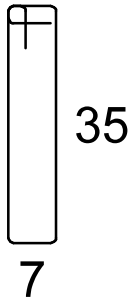
ESC 1:50



SEÇÃO A-A

ESC 1:25



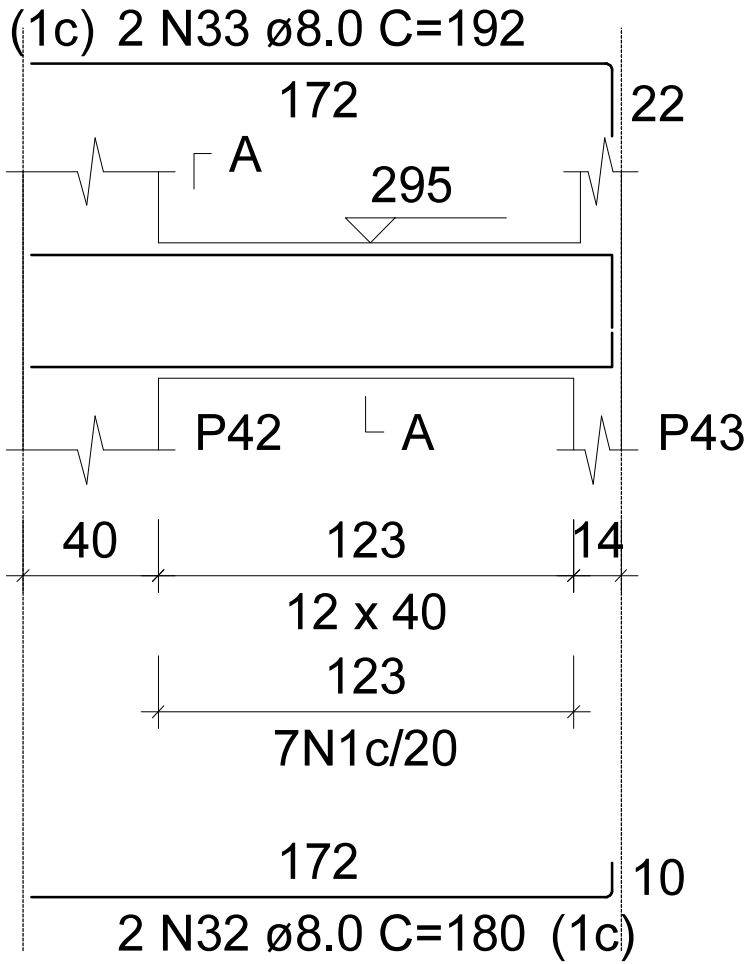


7 N1 ø5.0 C=95

Cobertura

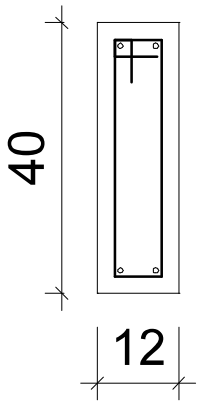
V25

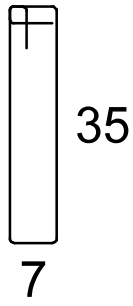
ESC 1:50



SEÇÃO A-A

ESC 1:25



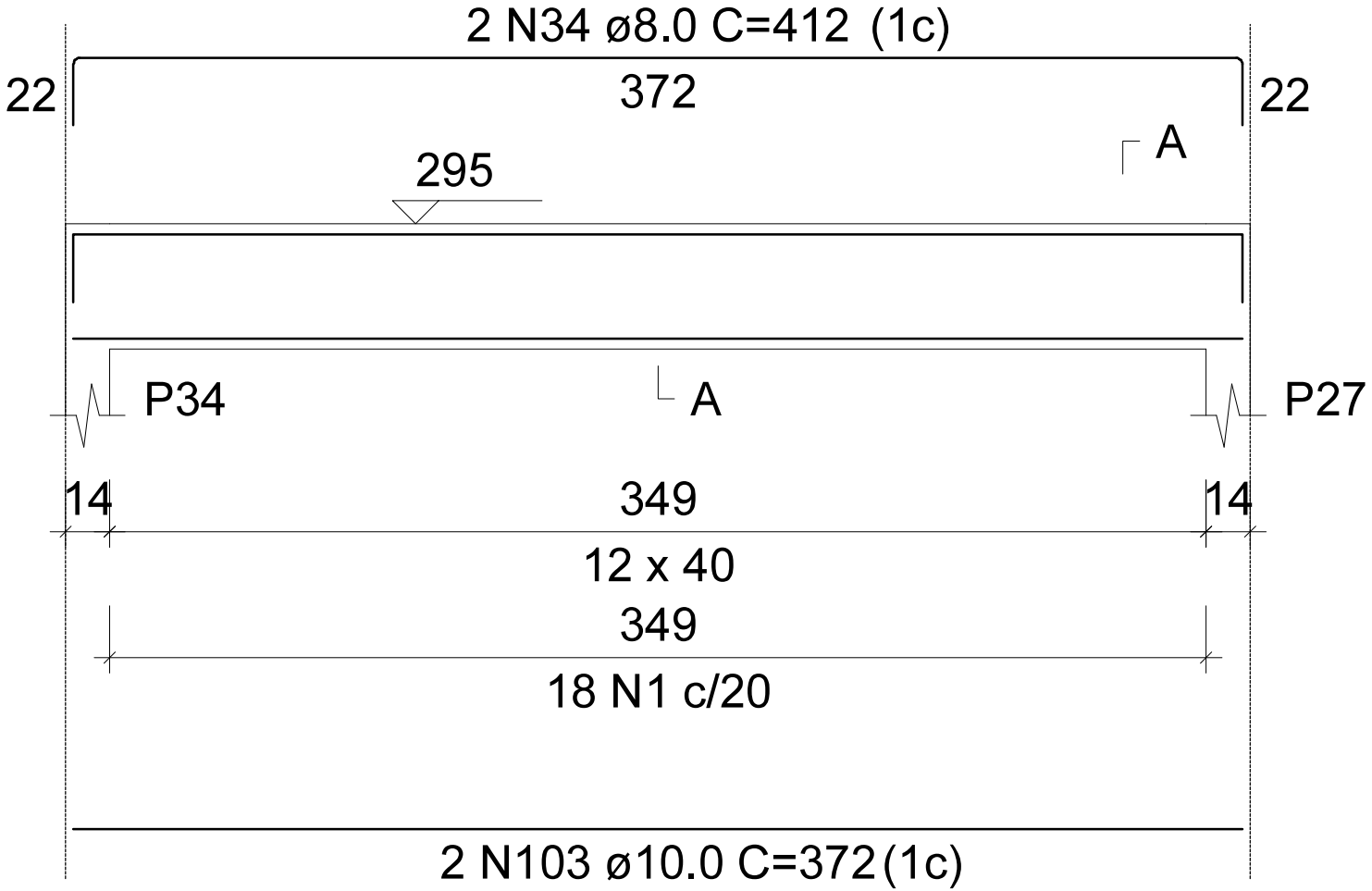


7 N1 ø5.0 C=95

Cobertura

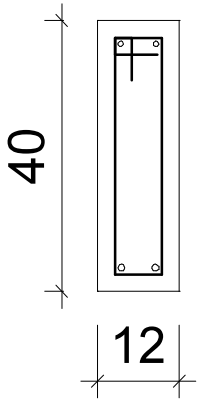
V26

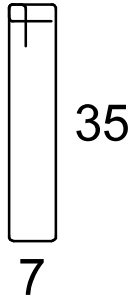
ESC 1:50



SEÇÃO A-A

ESC 1:25



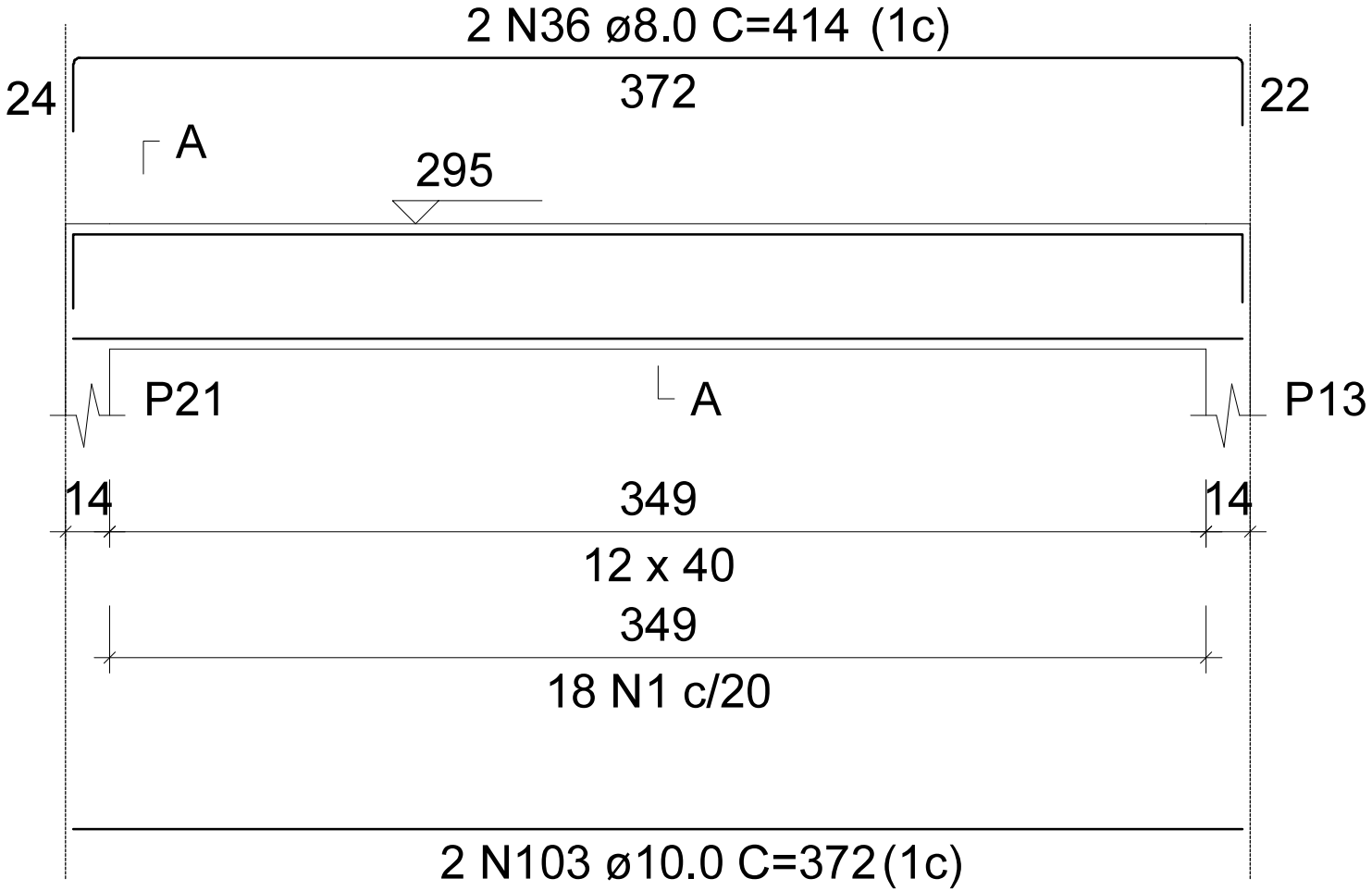


18 N1 ø5.0 C=95

Cobertura

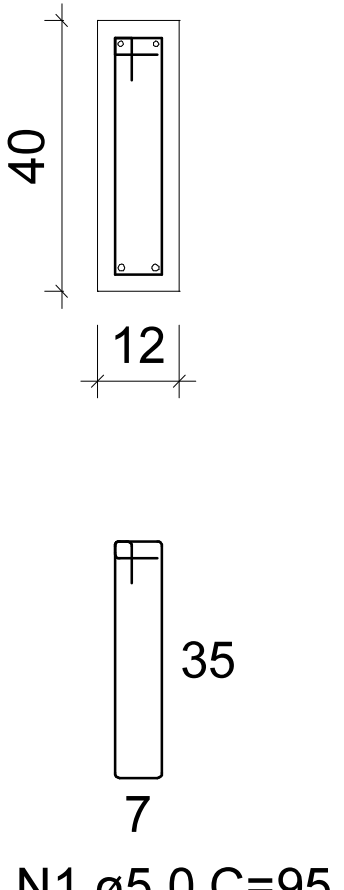
V28

ESC 1:50



SEÇÃO A-A

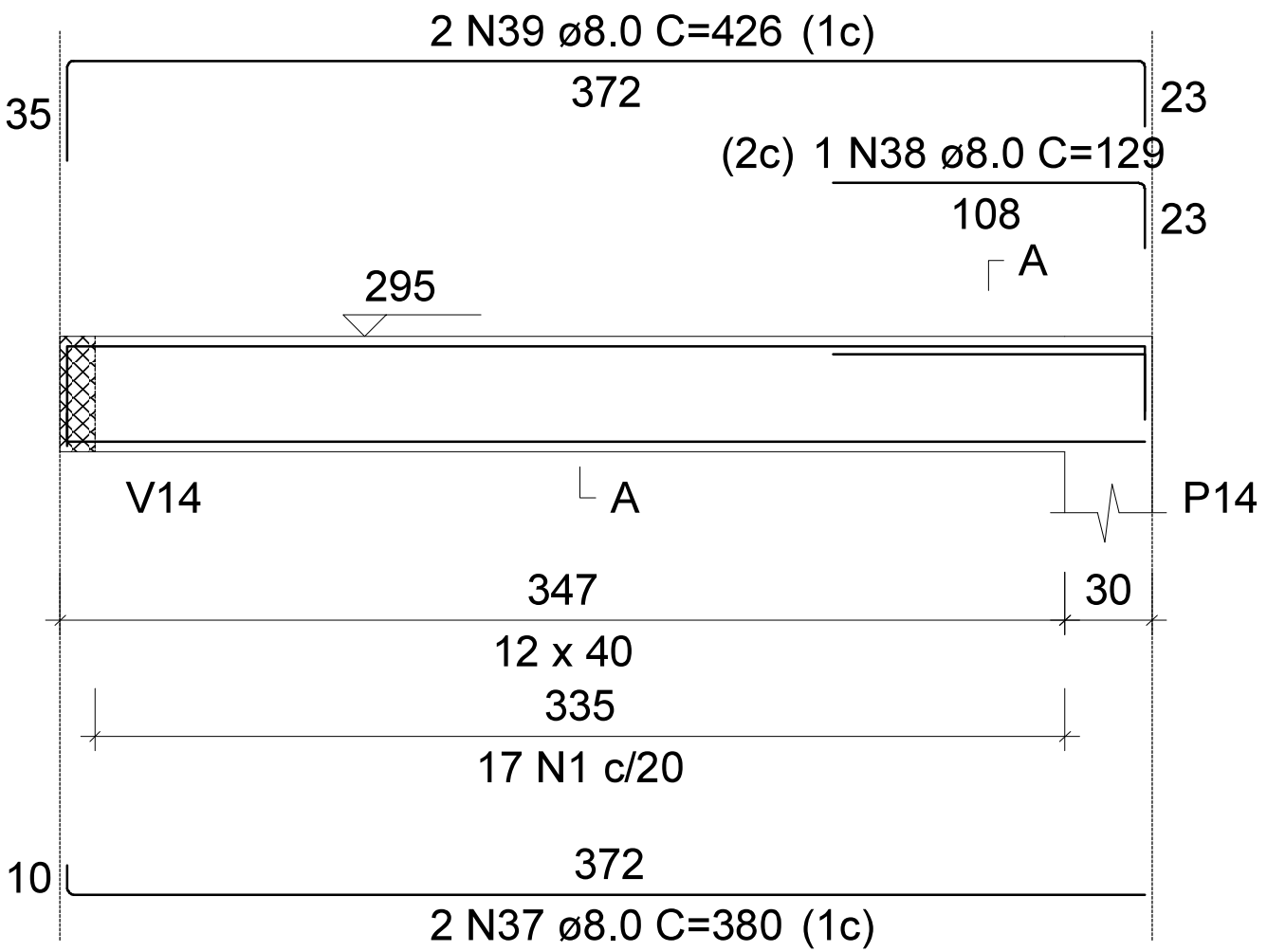
ESC 1:25



Cobertura

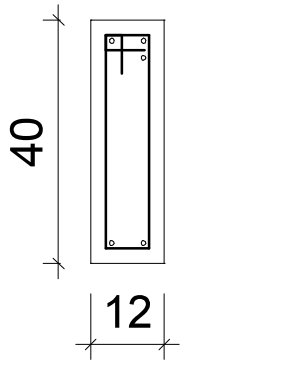
V29

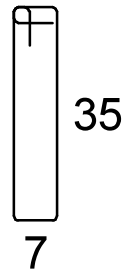
ESC 1:50



SEÇÃO A-A

ESC 1:25



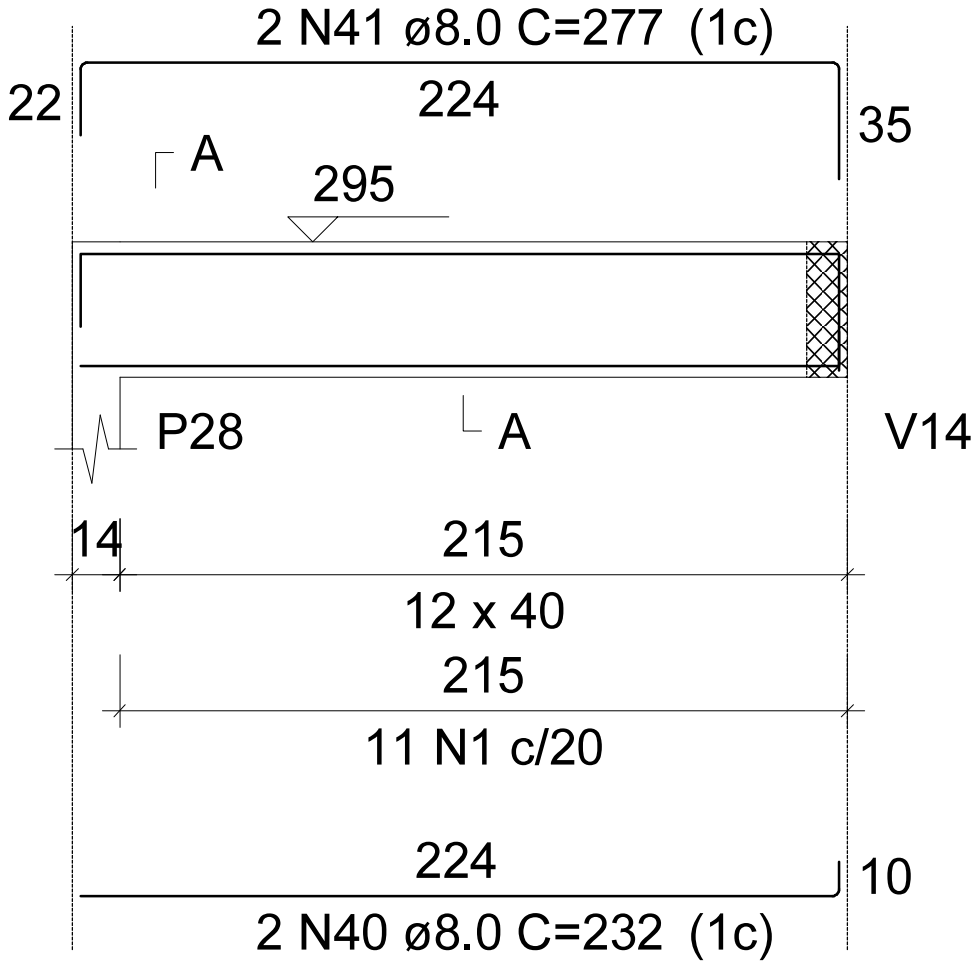


17 N1 ø5.0 C=95

Cobertura

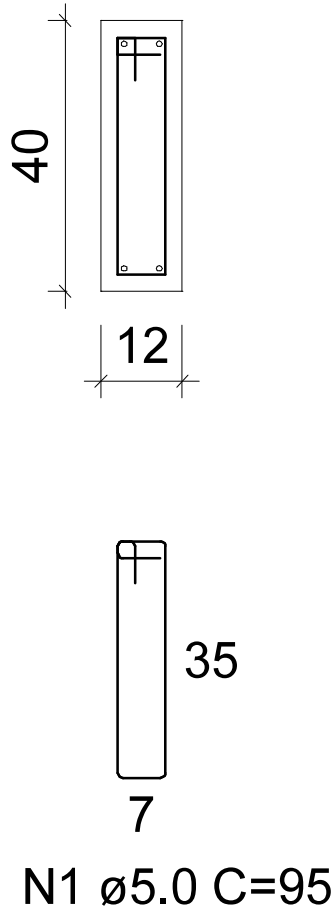
V30

ESC 1:50



SEÇÃO A-A

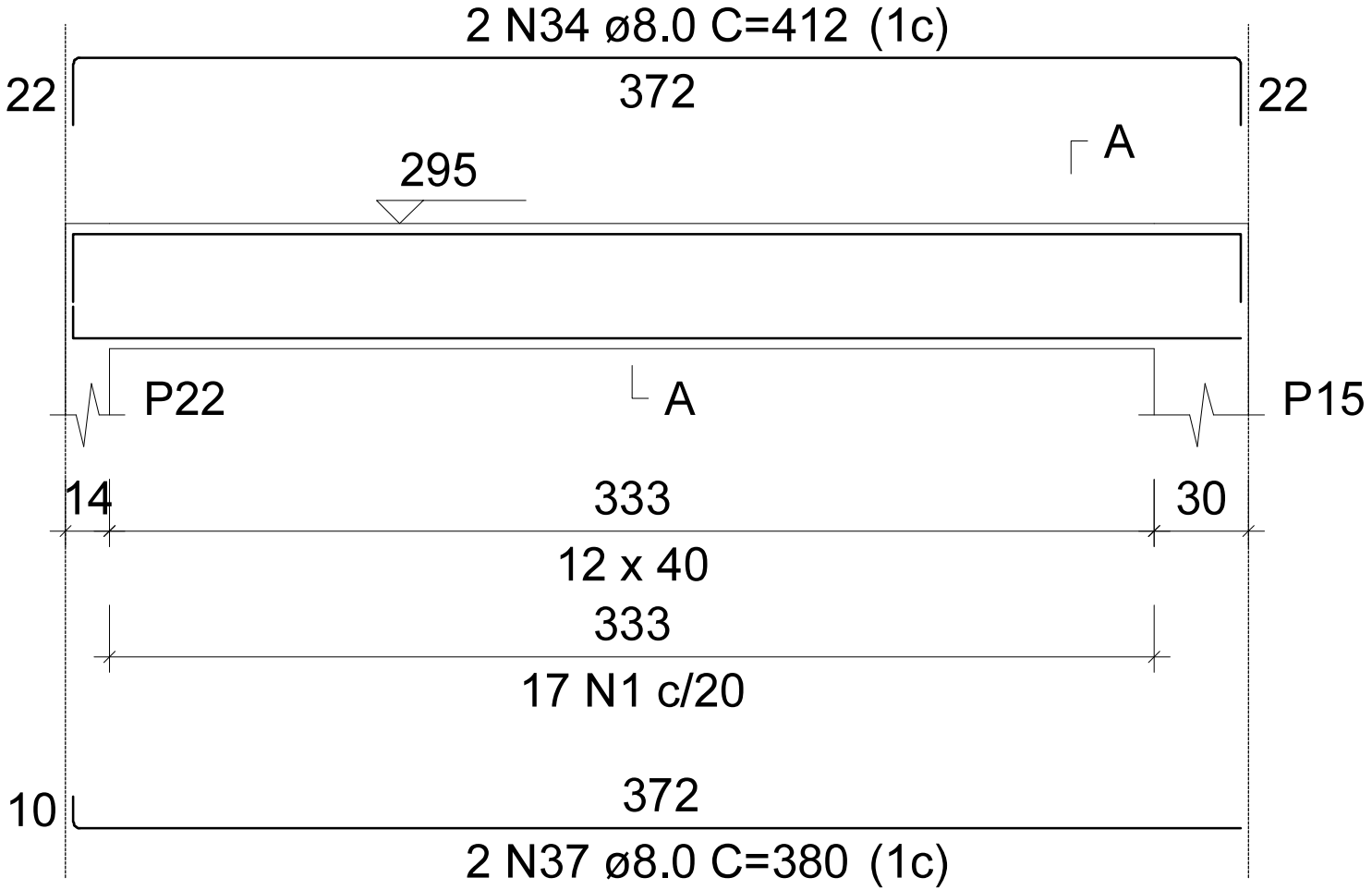
ESC 1:25



Cobertura

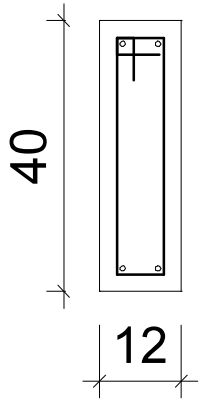
V31

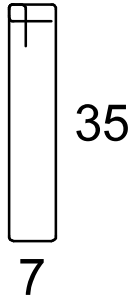
ESC 1:50



SEÇÃO A-A

ESC 1:25



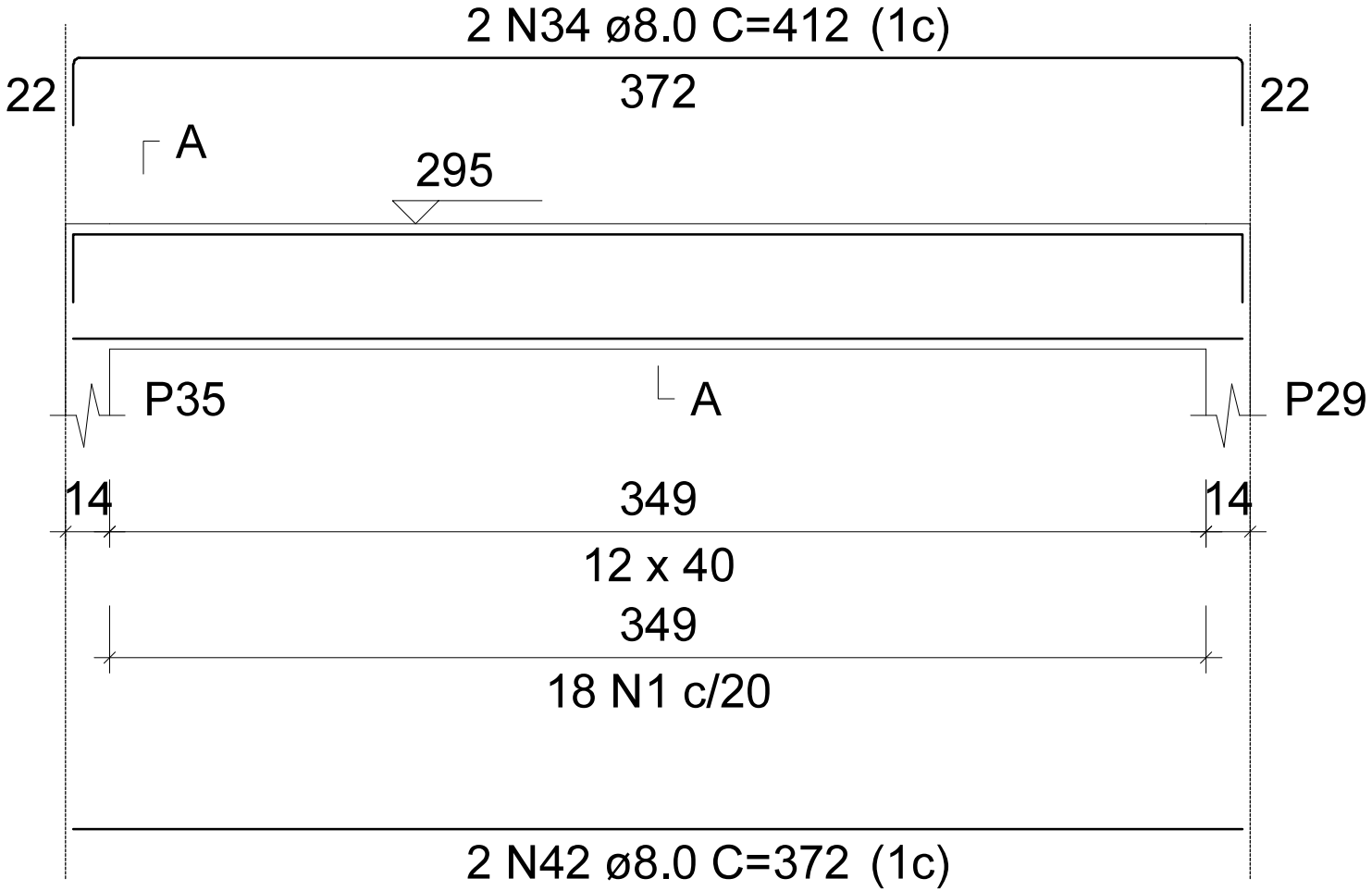


17 N1 ø5.0 C=95

Cobertura

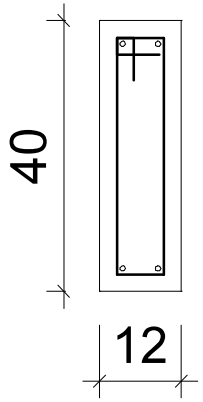
V32

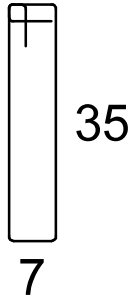
ESC 1:50



SEÇÃO A-A

ESC 1:25



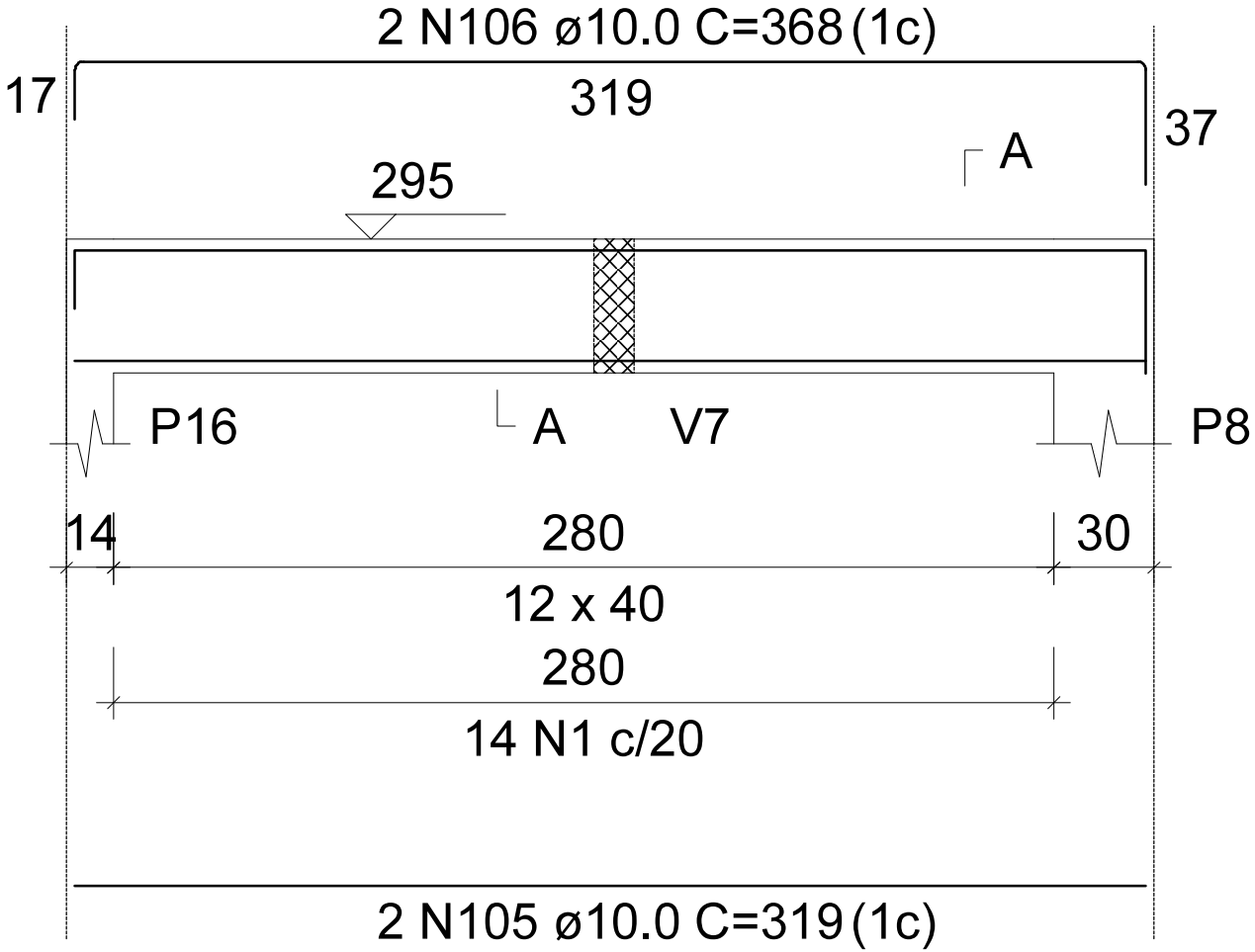


18 N1 ø5.0 C=95

Cobertura

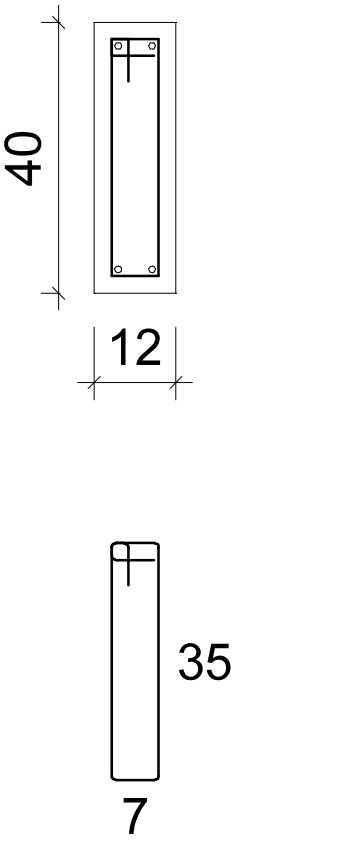
V33

ESC 1:50



SEÇÃO A-A

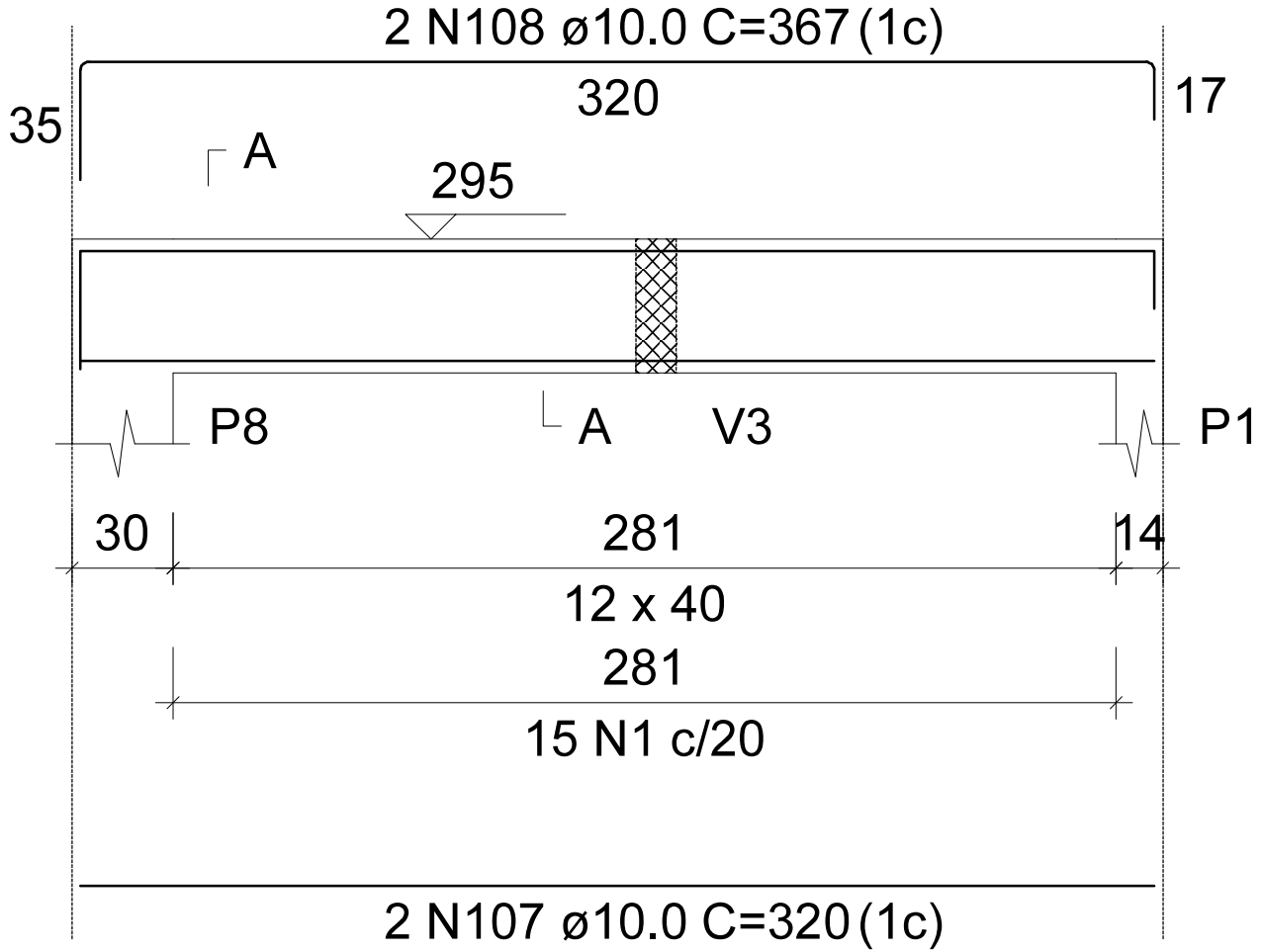
ESC 1:25



Cobertura

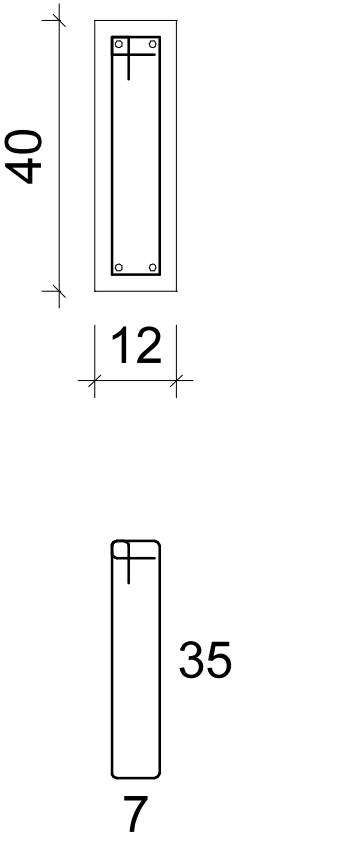
V34

ESC 1:50



SEÇÃO A-A

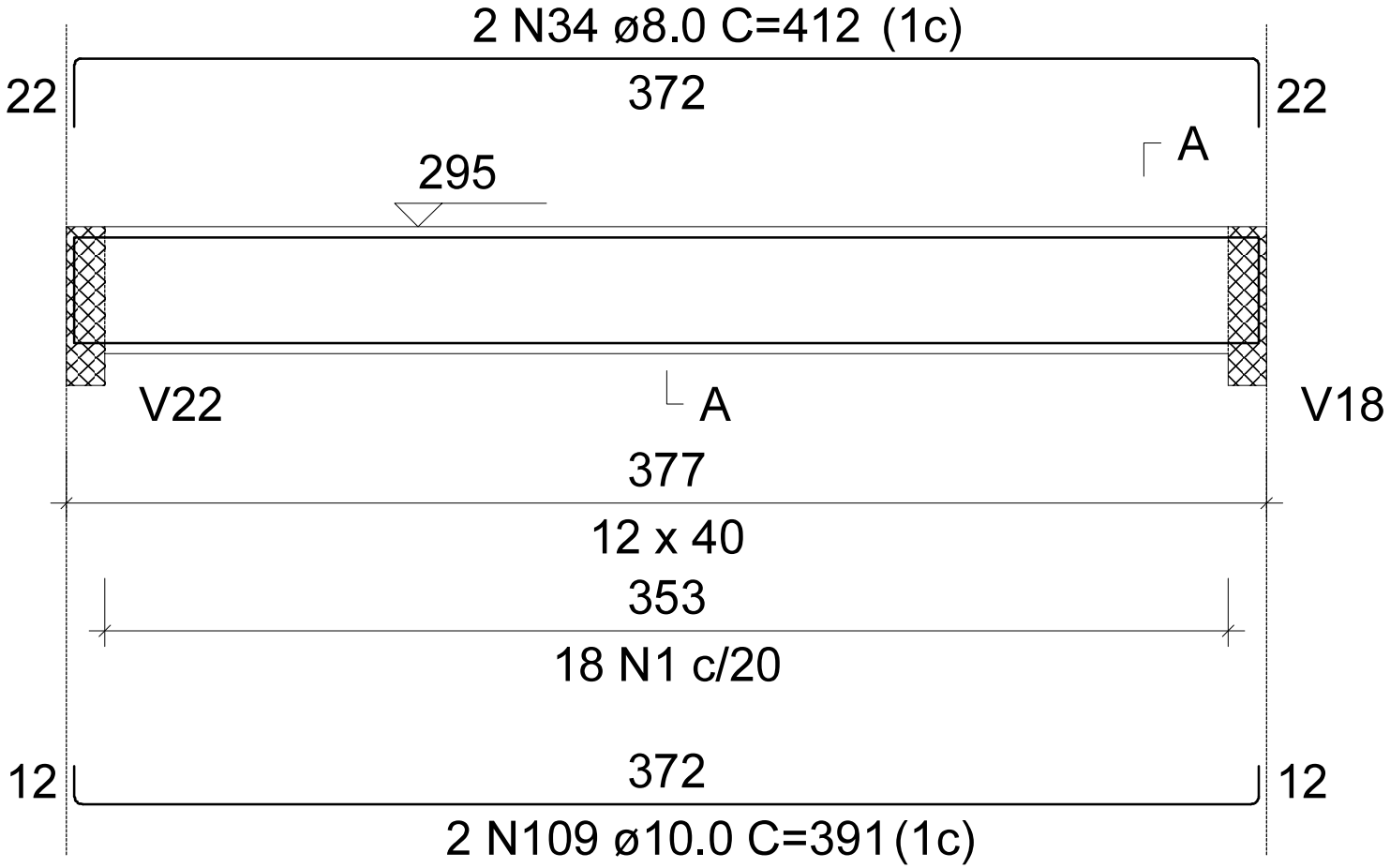
ESC 1:25



Cobertura

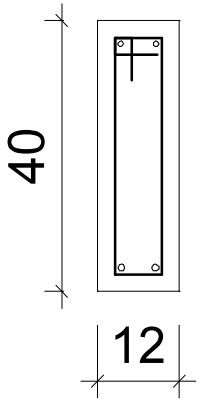
V35

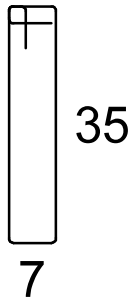
ESC 1:50



SEÇÃO A-A

ESC 1:25



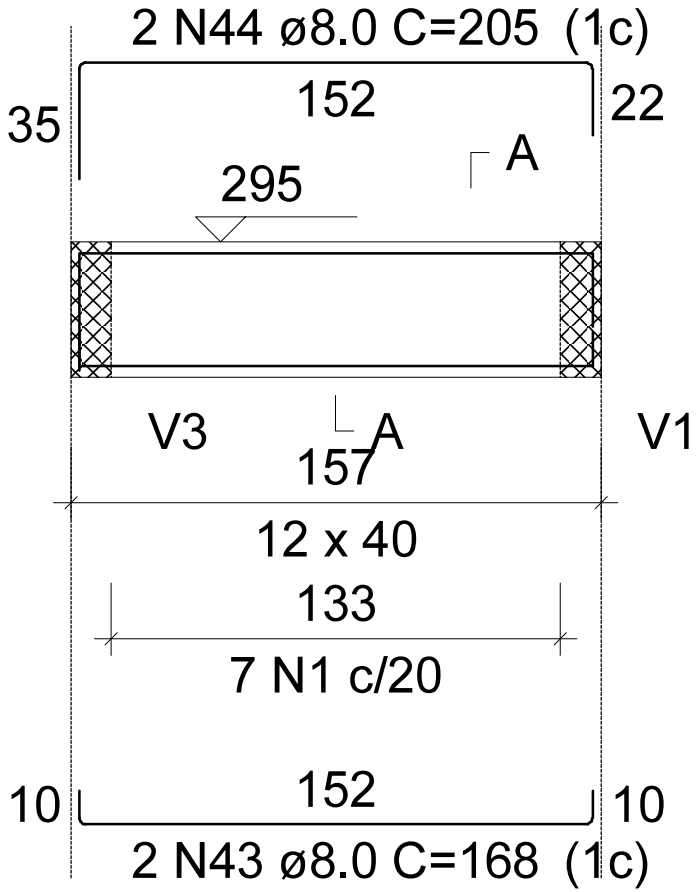


18 N1 ø5.0 C=95

Cobertura

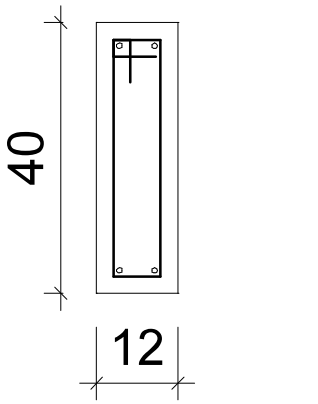
V36

ESC 1:50



SEÇÃO A-A

ESC 1:25

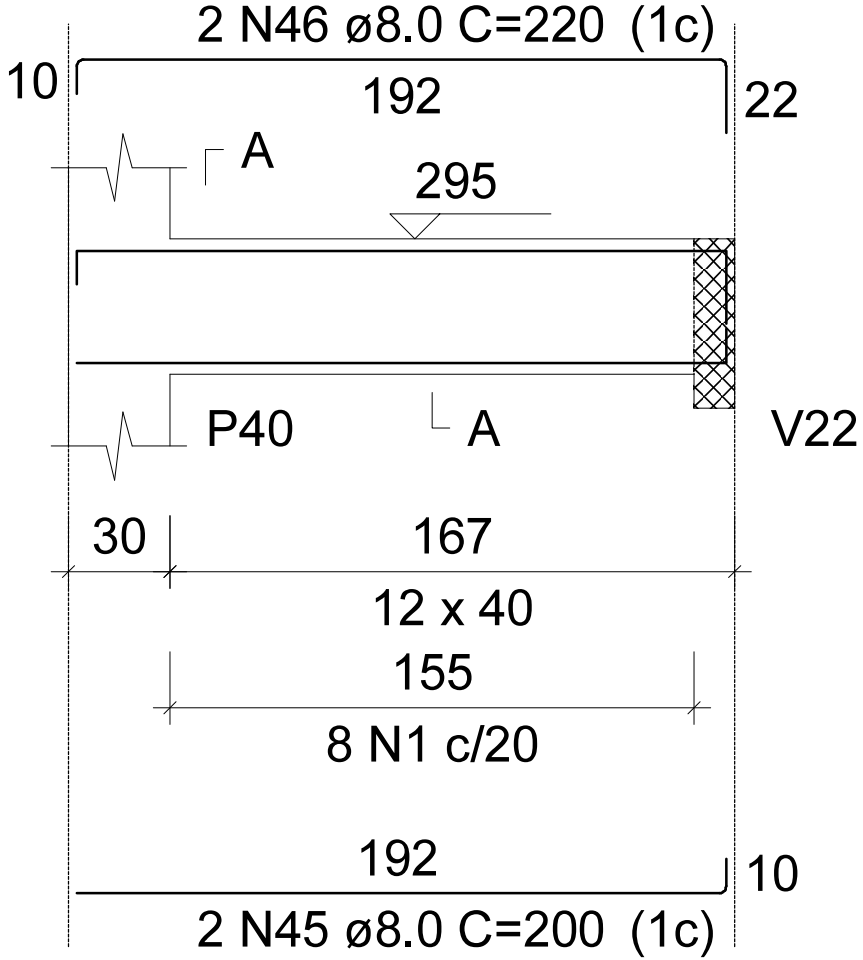


7 N1 ø5.0 C=95

Cobertura

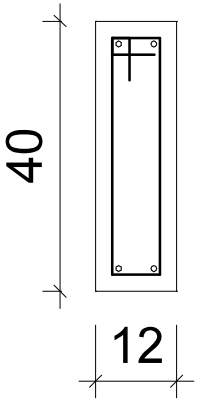
V37

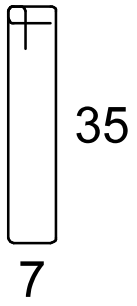
ESC 1:50



SEÇÃO A-A

ESC 1:25



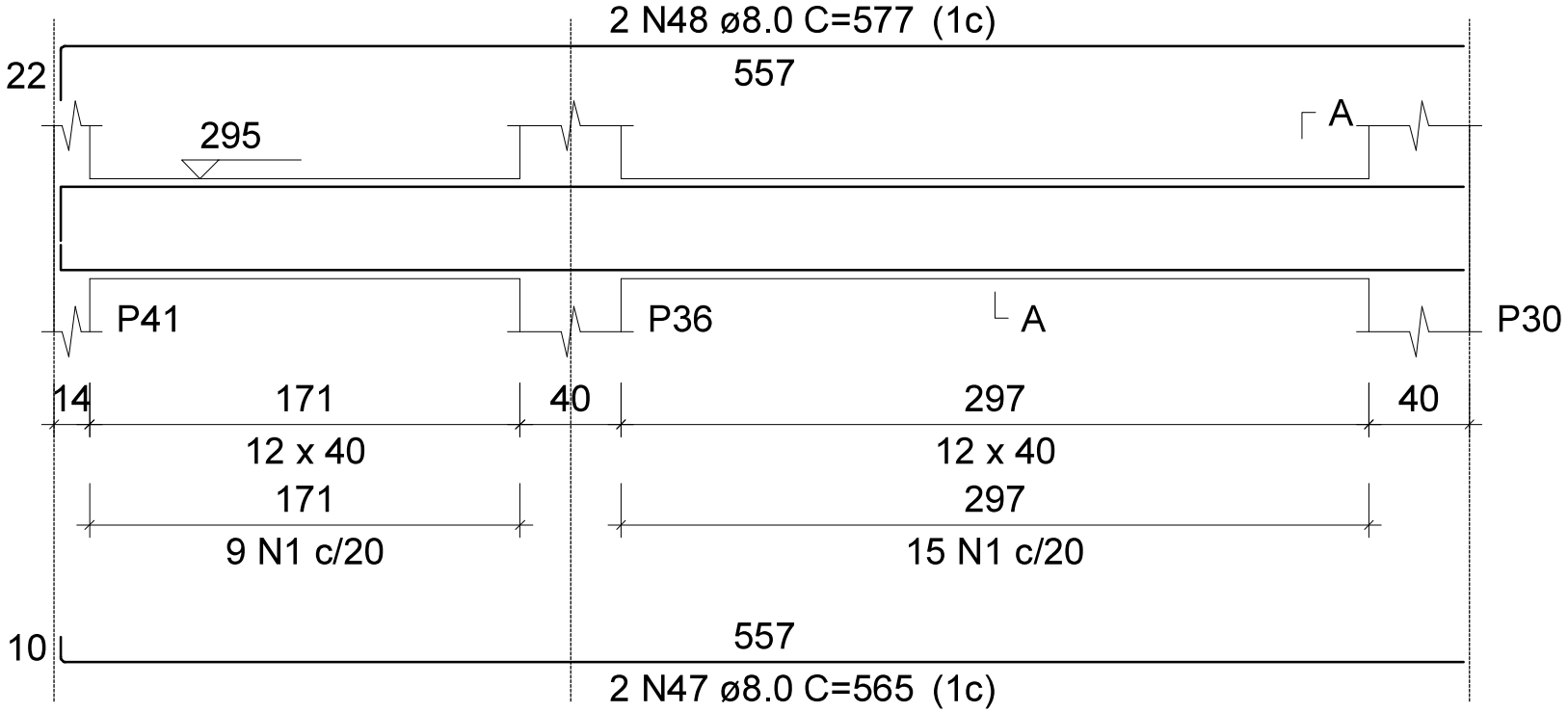


8 N1 ø5.0 C=95

Cobertura

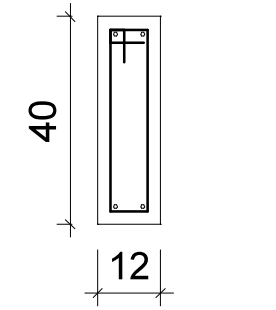
V38

ESC 1:50



SEÇÃO A-A

ESC 1:25

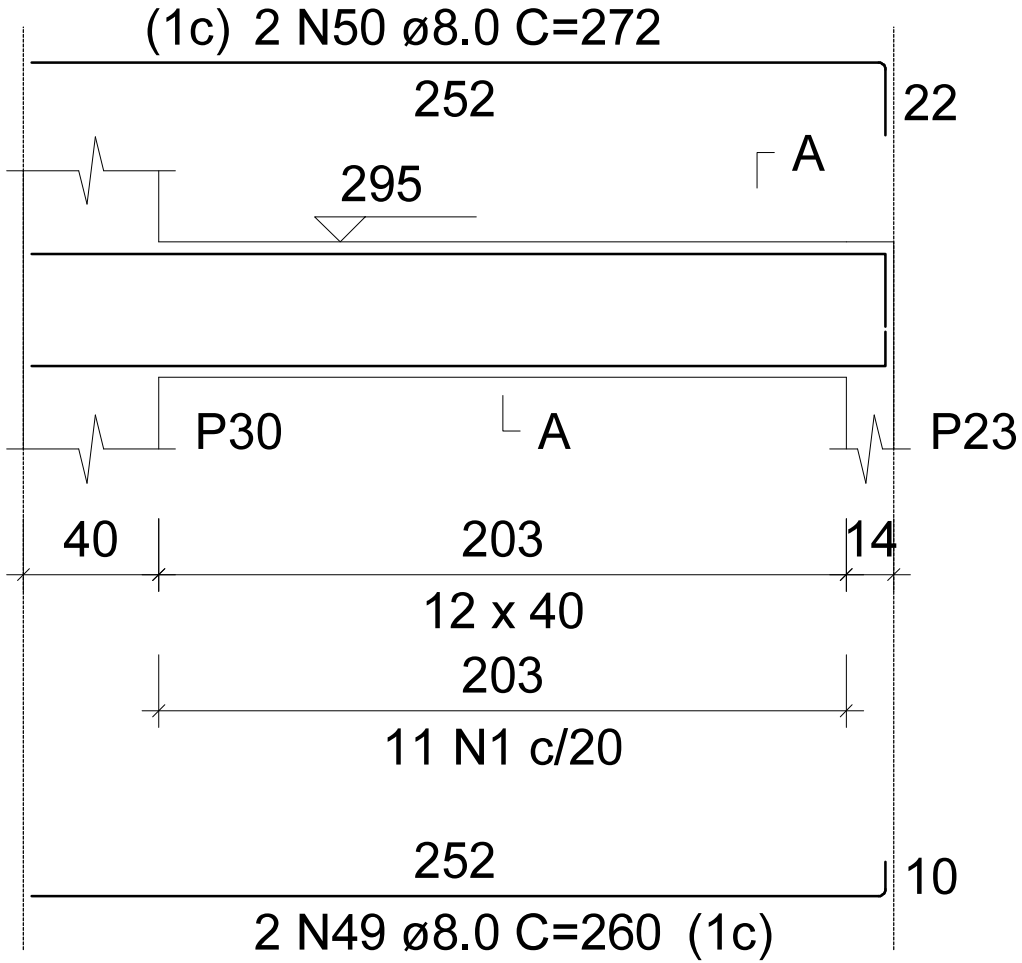


24 N1 ø5.0 C=95

Cobertura

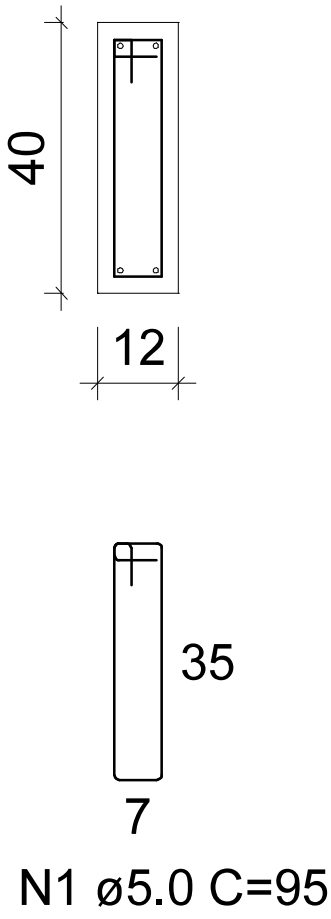
V39

ESC 1:50



SEÇÃO A-A

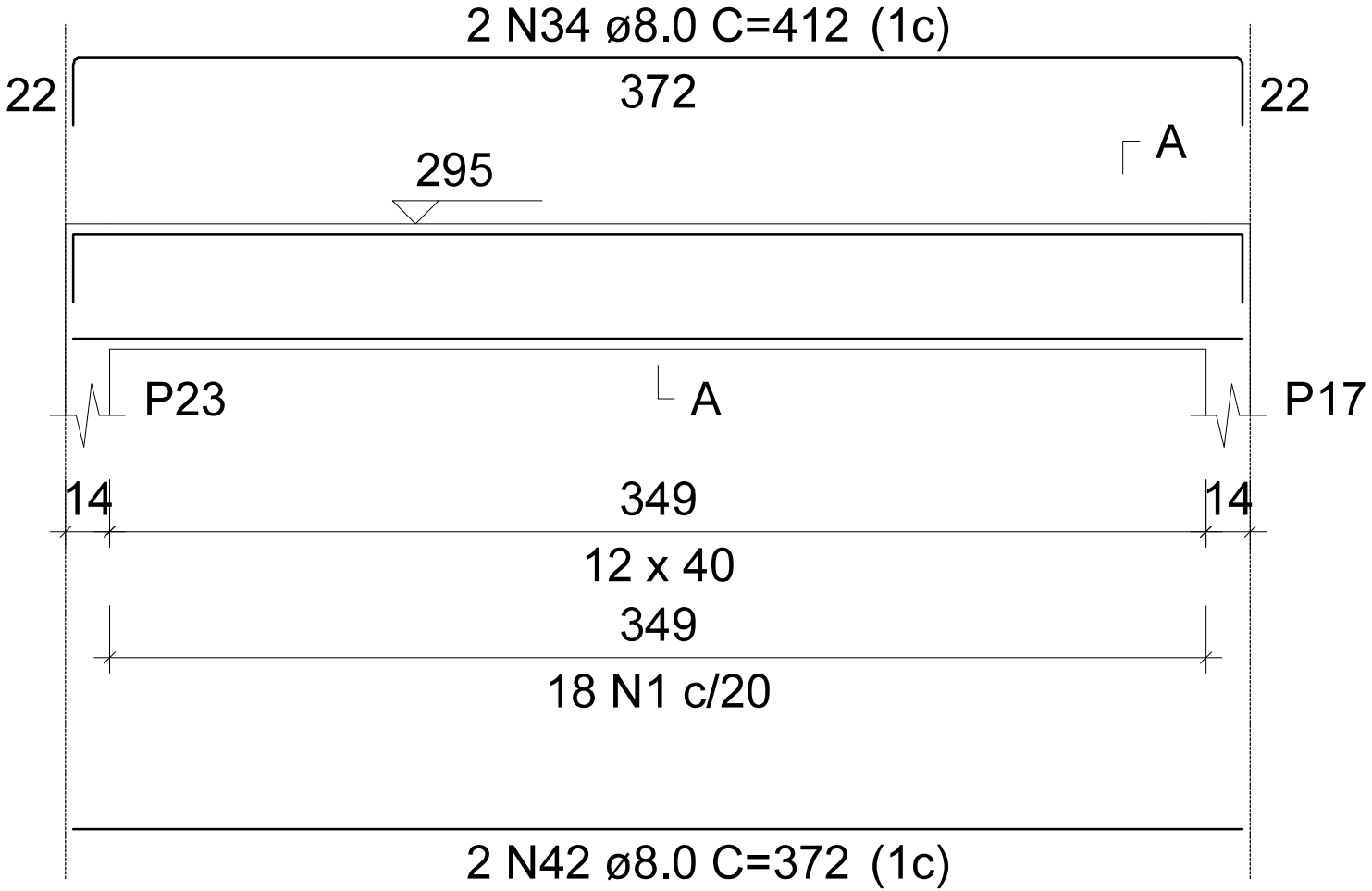
ESC 1:25



Cobertura

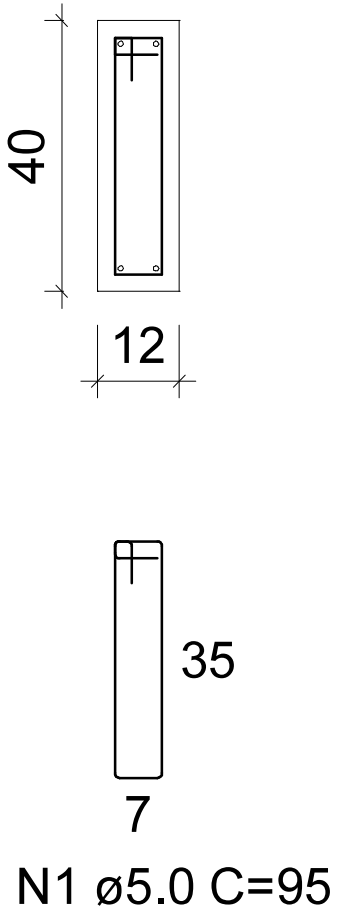
V40

ESC 1:50



SEÇÃO A-A

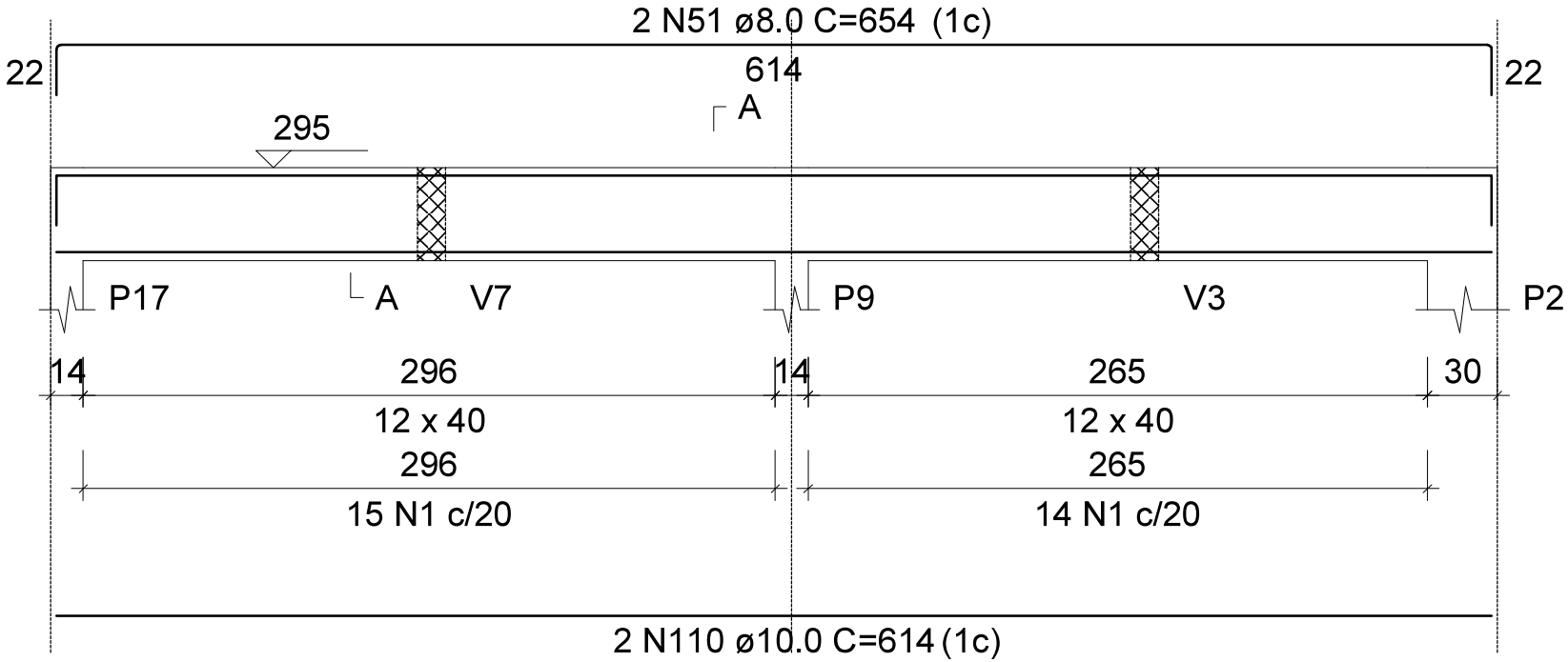
ESC 1:25



Cobertura

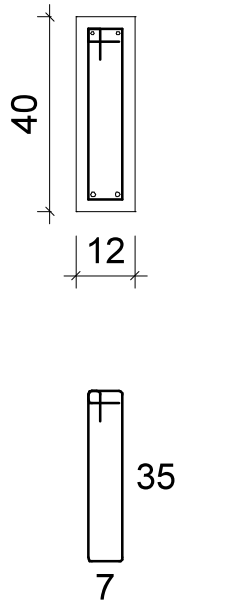
V41

ESC 1:50



SEÇÃO A-A

ESC 1:25

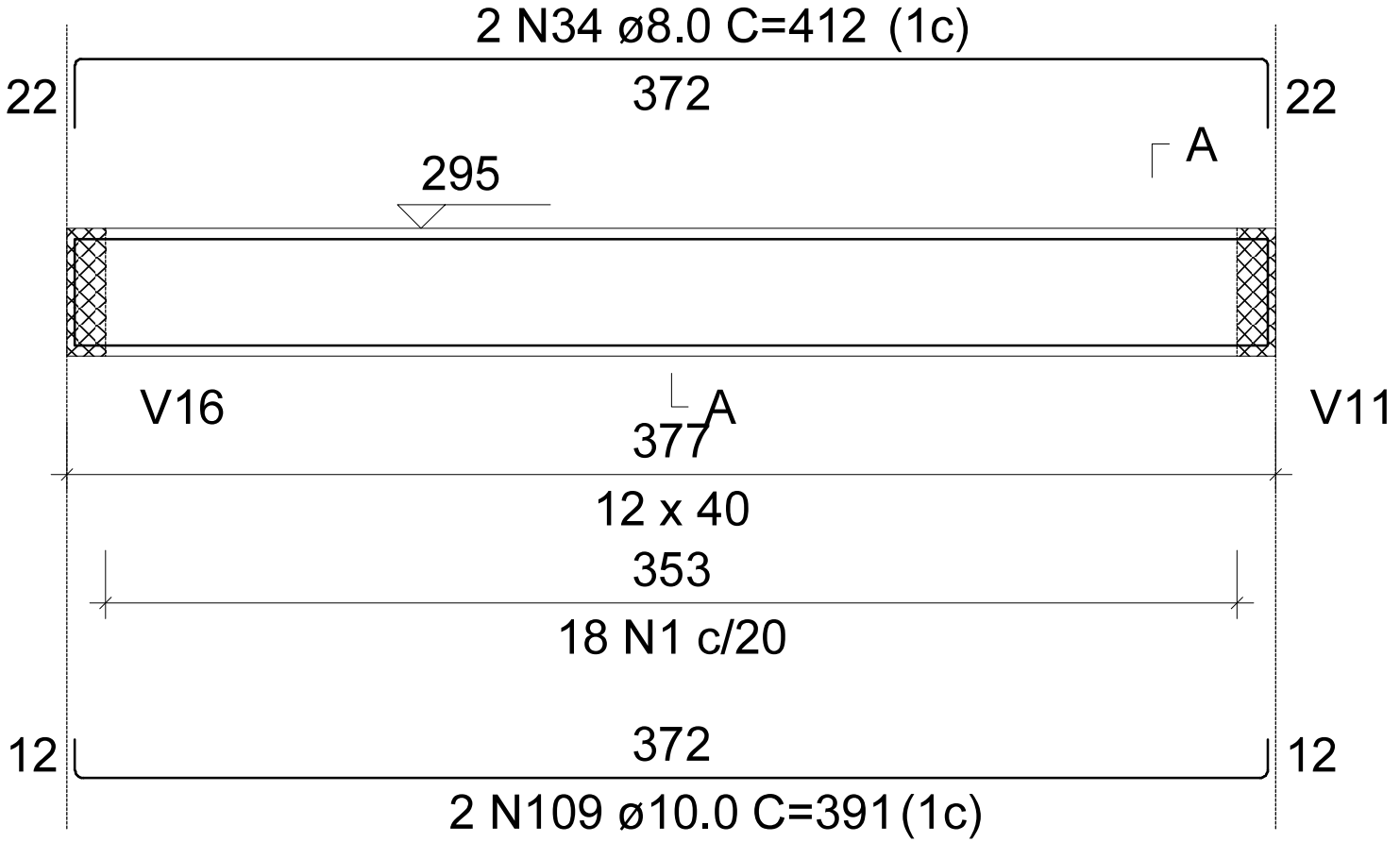


29 N1 ø5.0 C=95

Cobertura

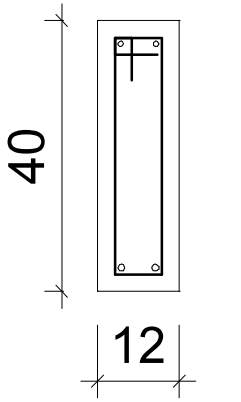
V42

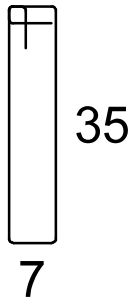
ESC 1:50



SEÇÃO A-A

ESC 1:25



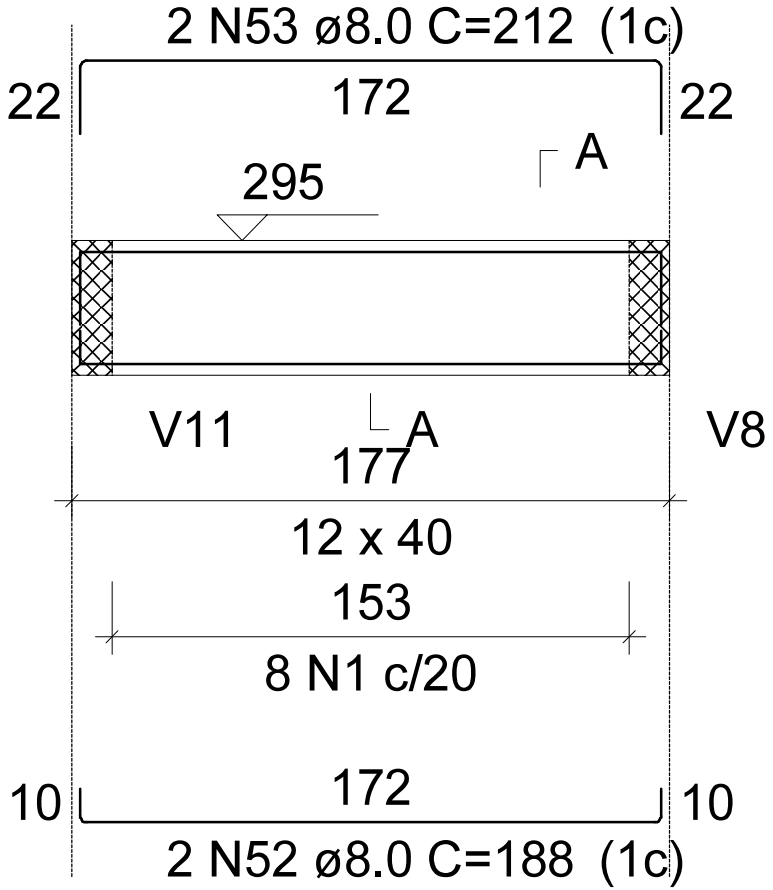


18 N1 ø5.0 C=95

Cobertura

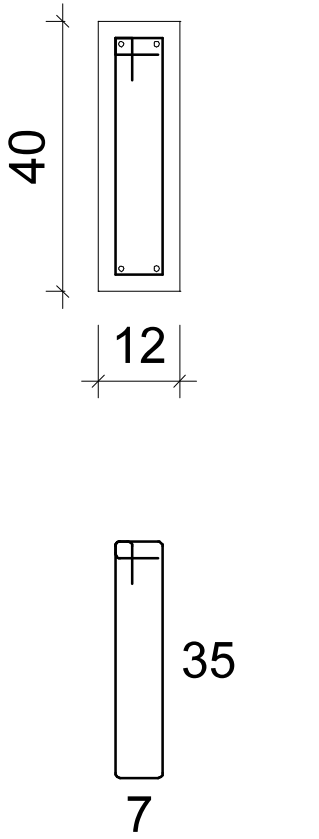
V43

ESC 1:50



SEÇÃO A-A

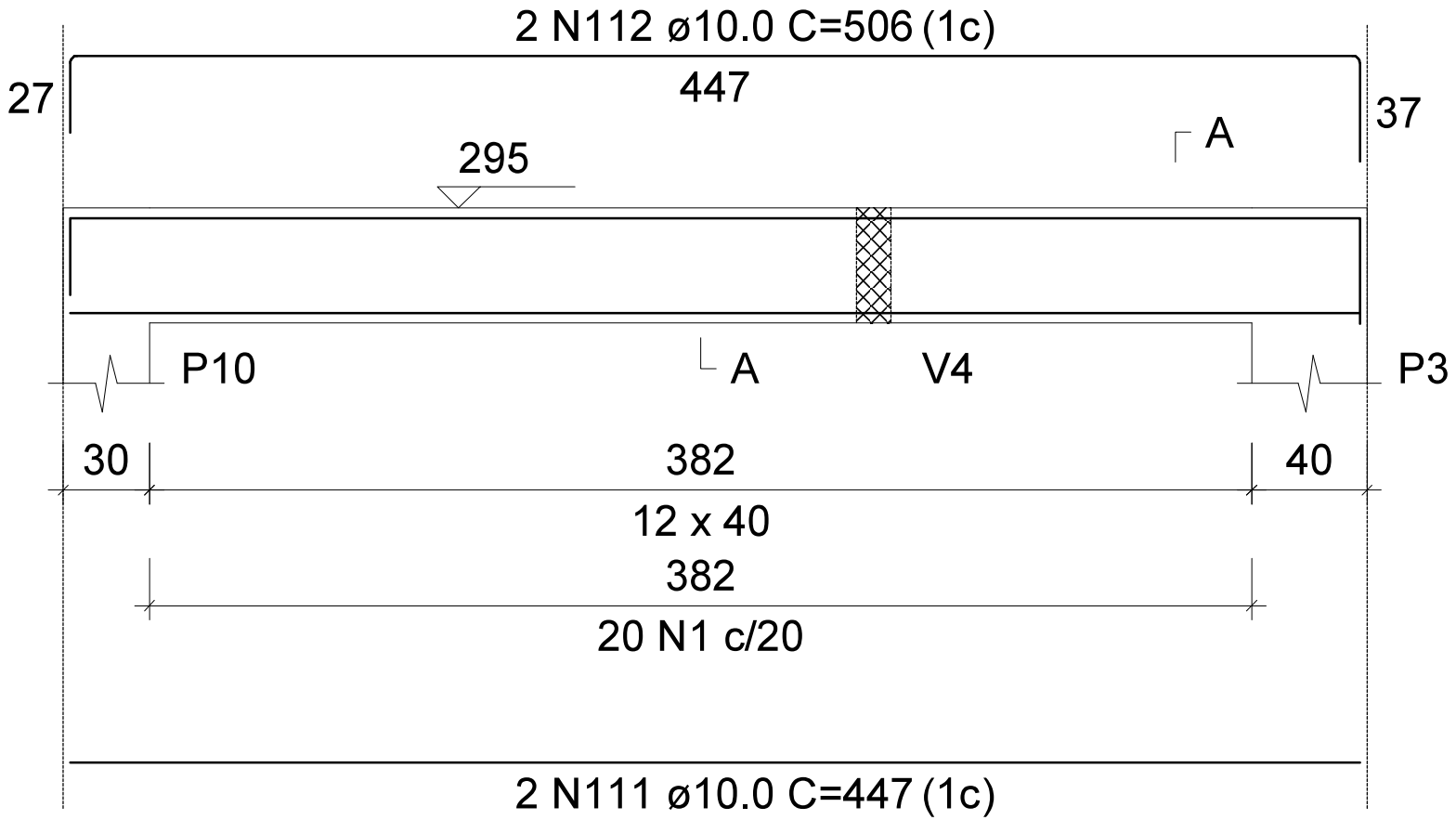
ESC 1:25



Cobertura

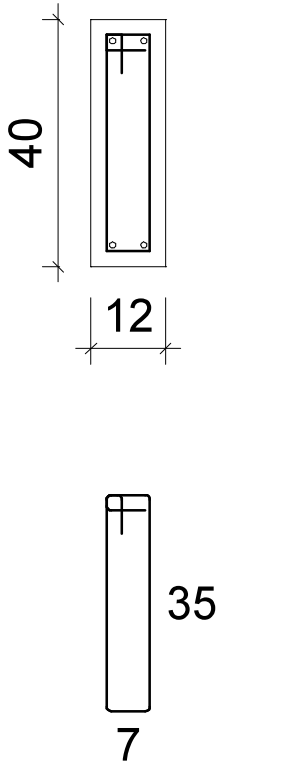
V44

ESC 1:50



SEÇÃO A-A

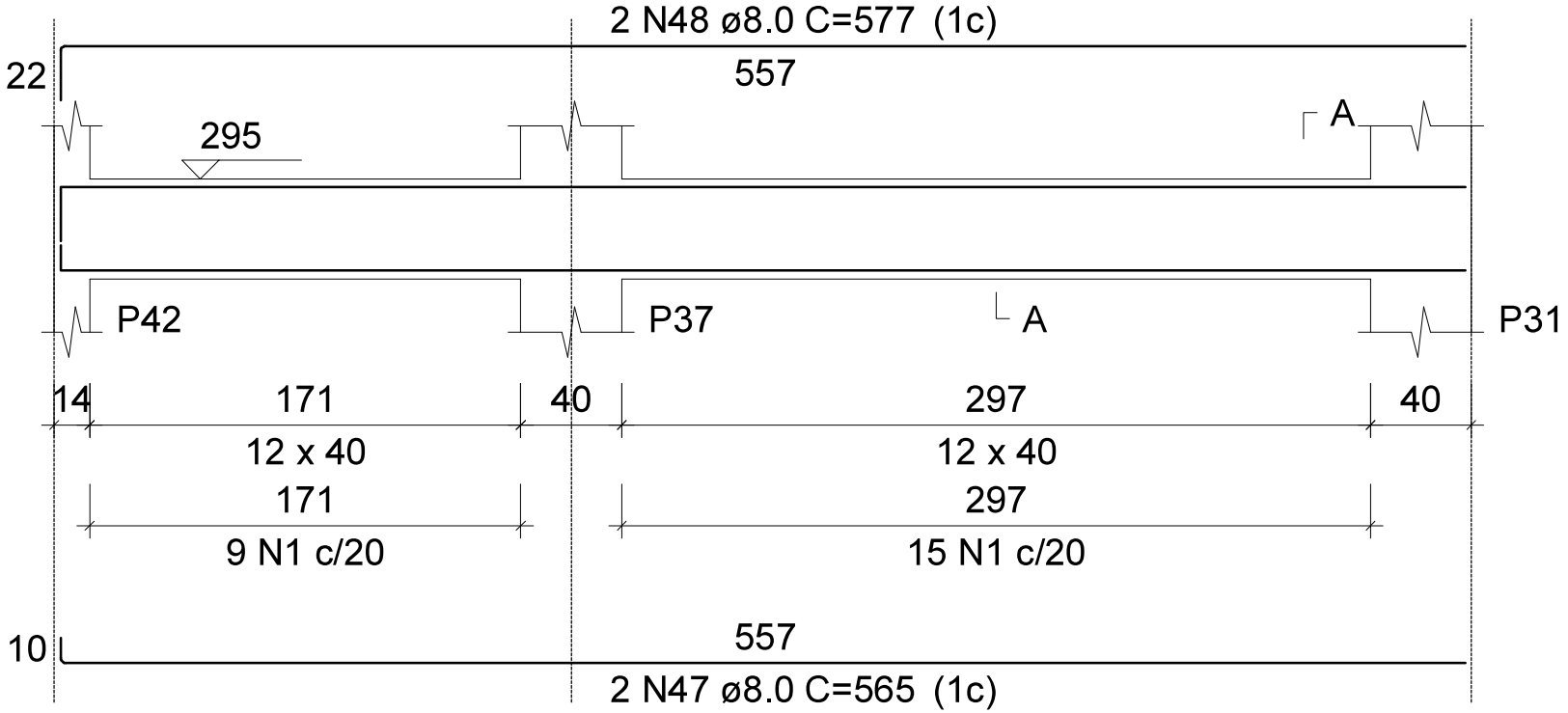
ESC 1:25



Cobertura

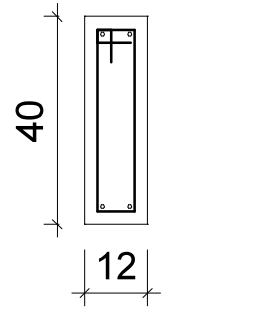
V45

ESC 1:50



SEÇÃO A-A

ESC 1:25

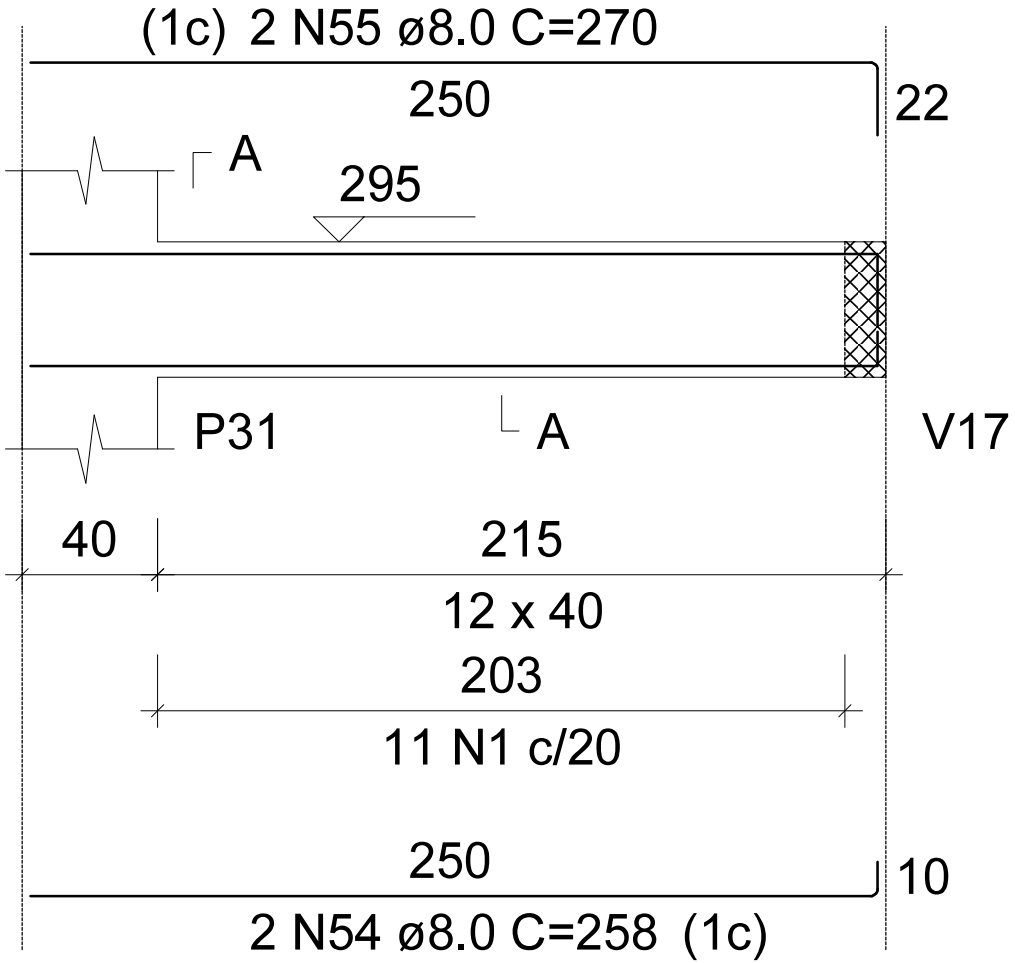


24 N1 ø5.0 C=95

Cobertura

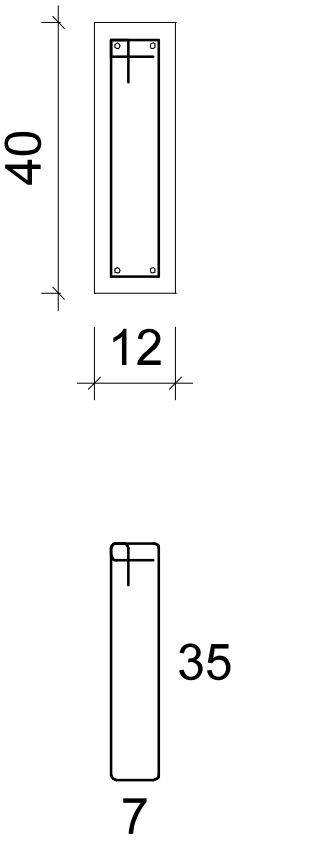
V46

ESC 1:50



SEÇÃO A-A

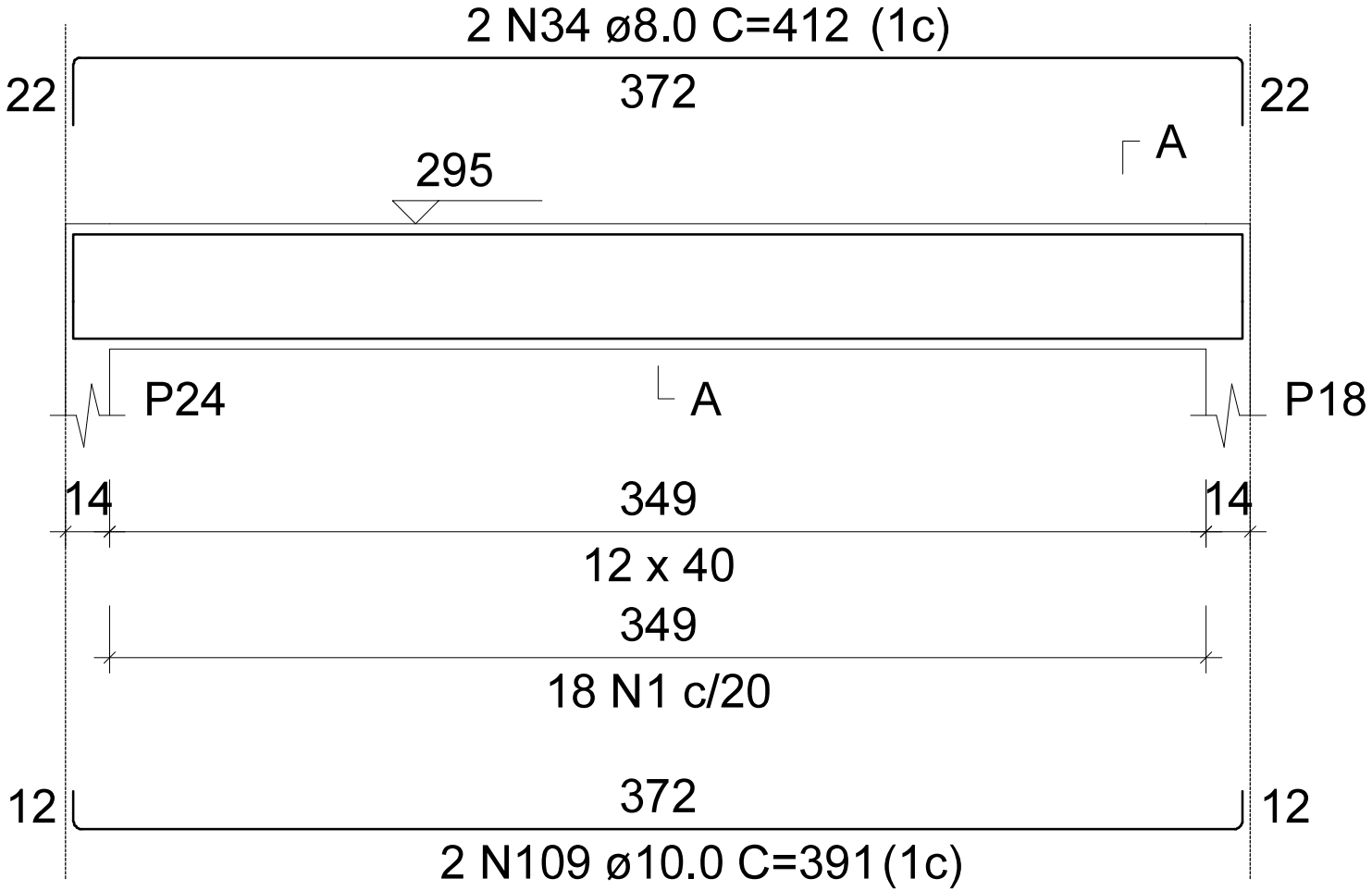
ESC 1:25



Cobertura

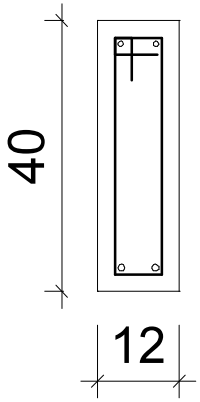
V47

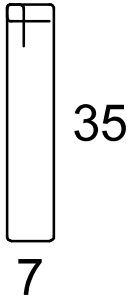
ESC 1:50



SEÇÃO A-A

ESC 1:25



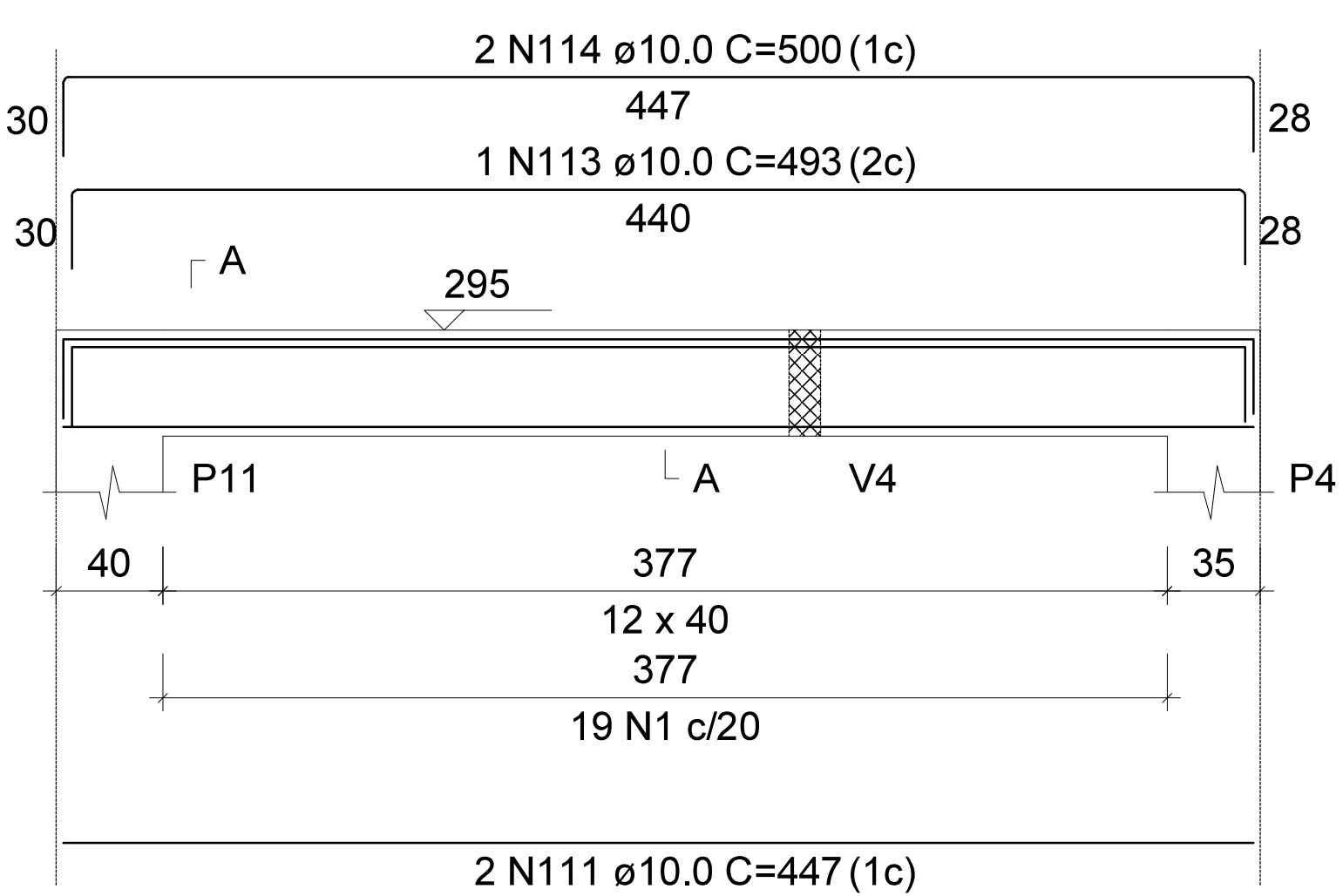


18 N1 ø5.0 C=95

Cobertura

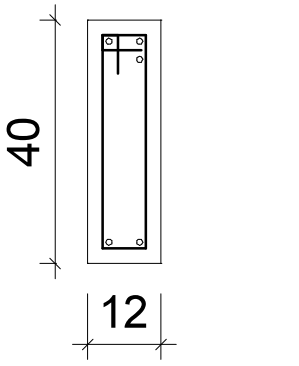
V48

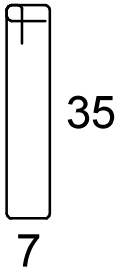
ESC 1:50



SEÇÃO A-A

ESC 1:25



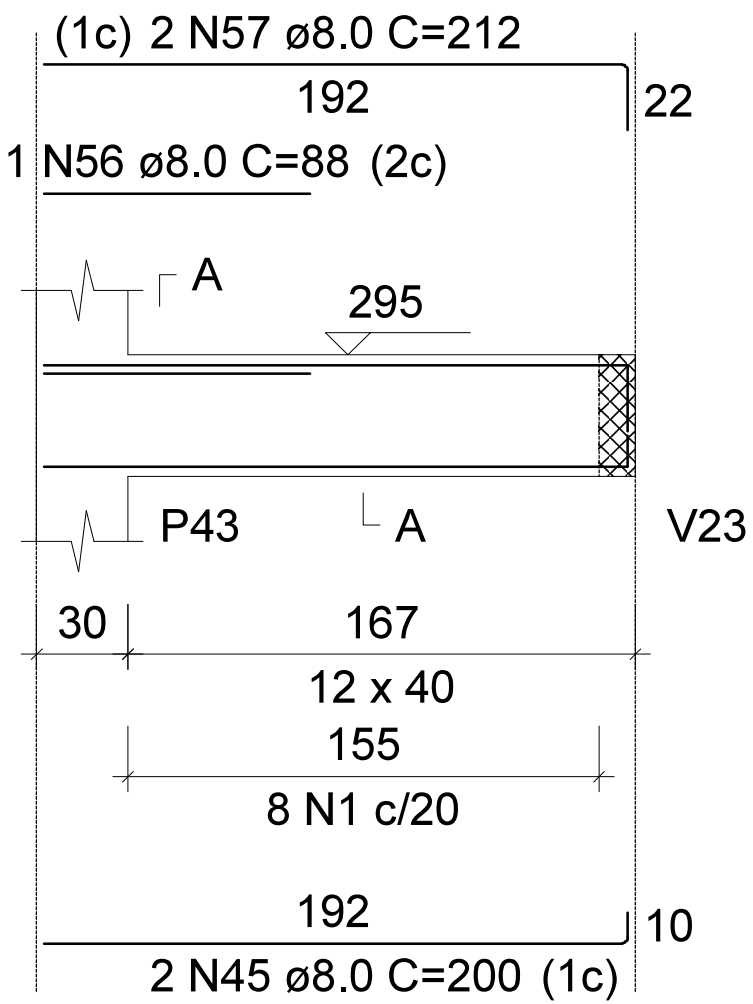


19 N1 ø5.0 C=95

Cobertura

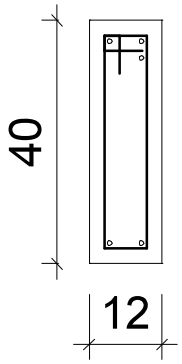
V49

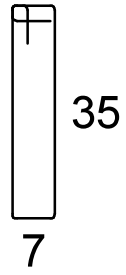
ESC 1:50



SEÇÃO A-A

ESC 1:25



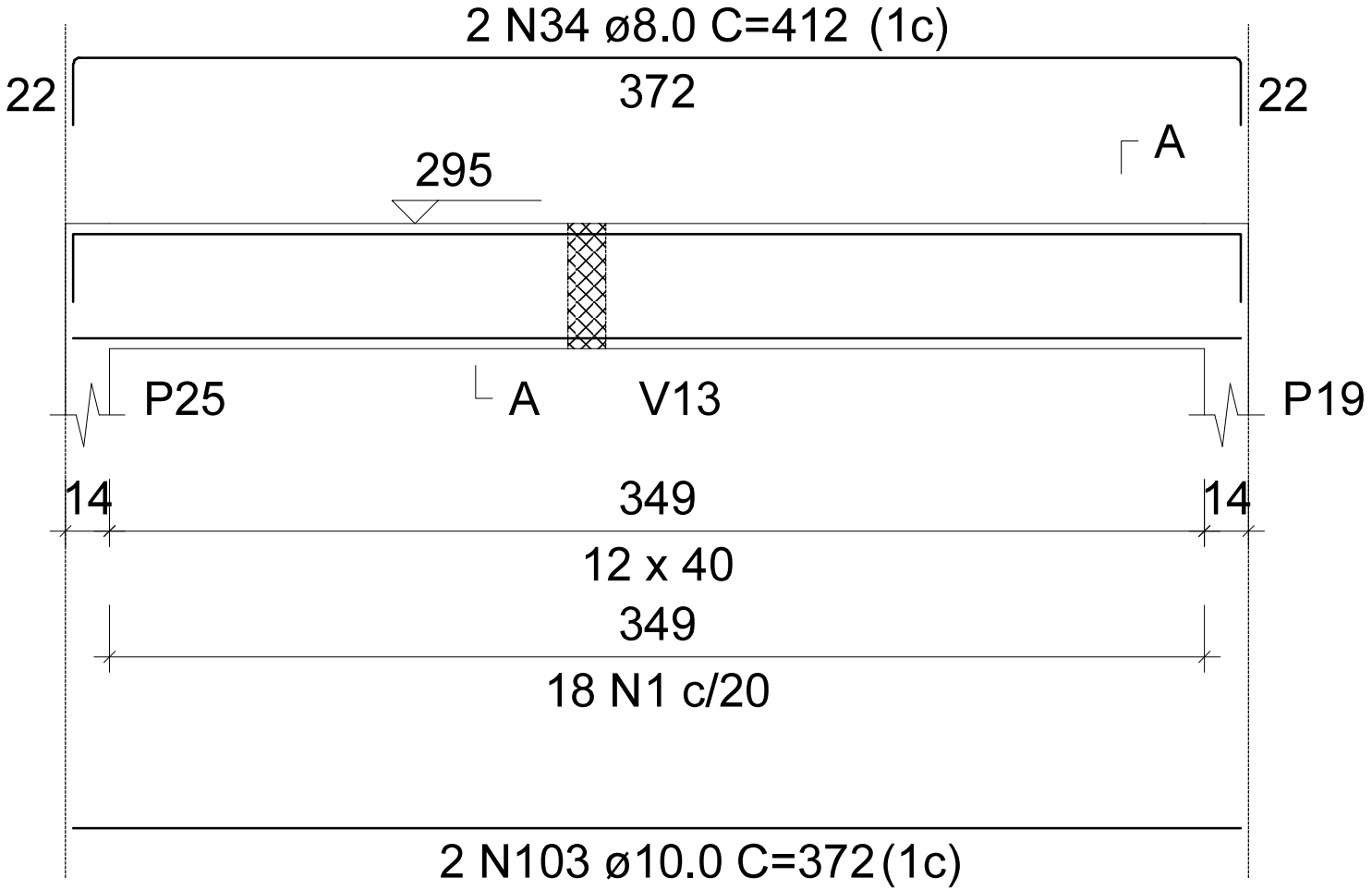


8 N1 ø5.0 C=95

Cobertura

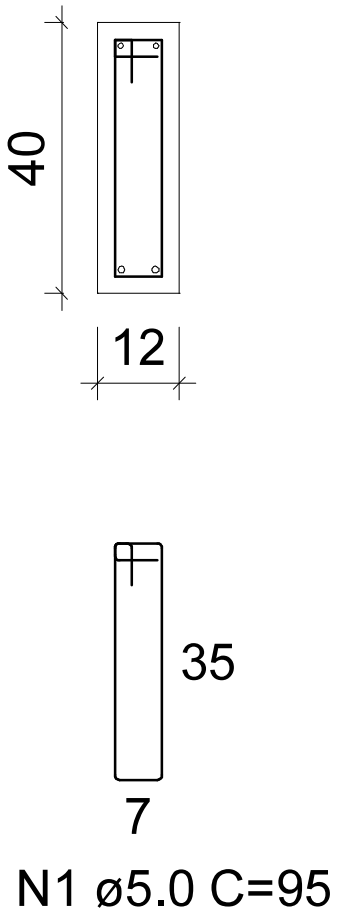
V50

ESC 1:50



SEÇÃO A-A

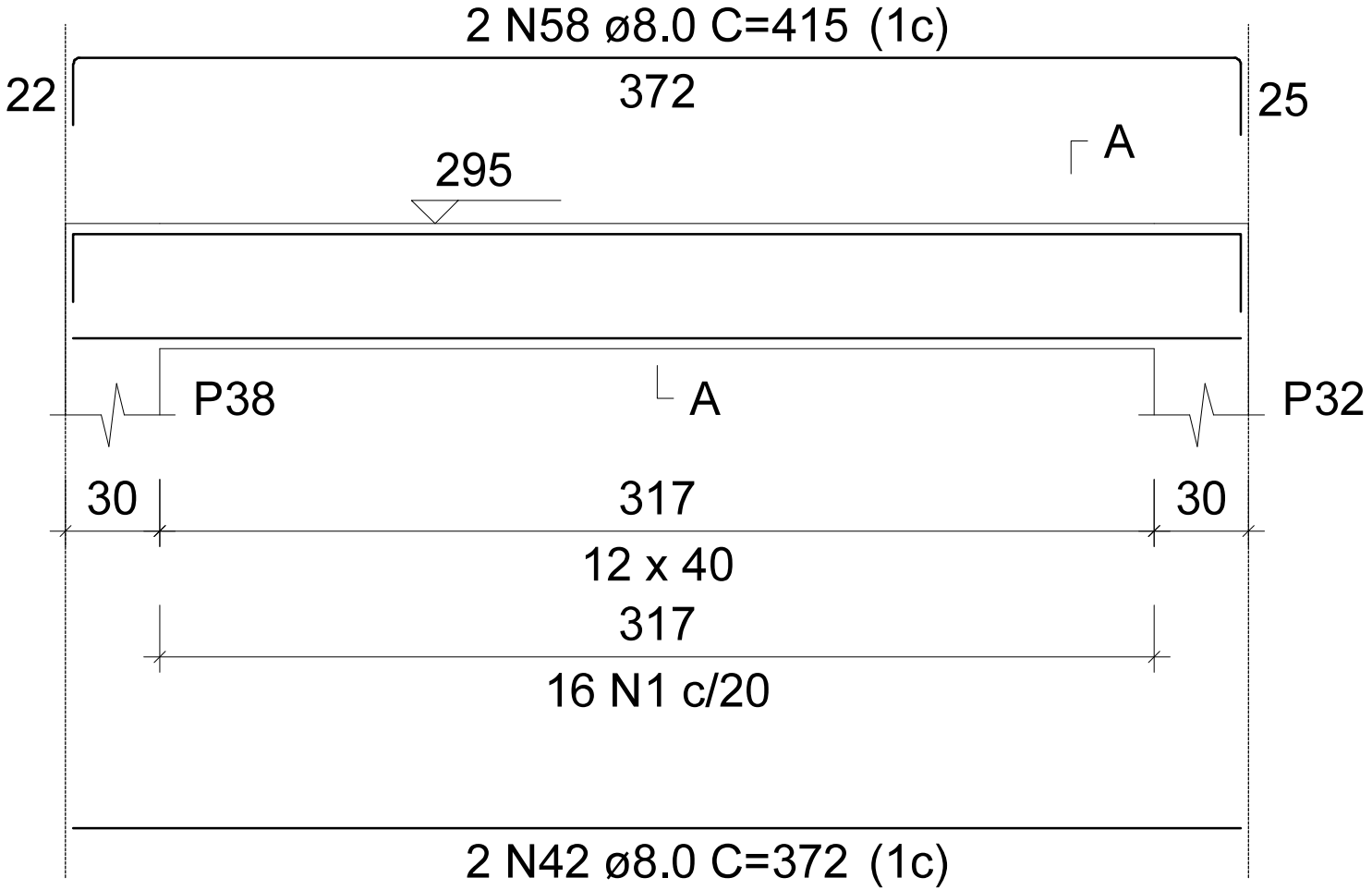
ESC 1:25



Cobertura

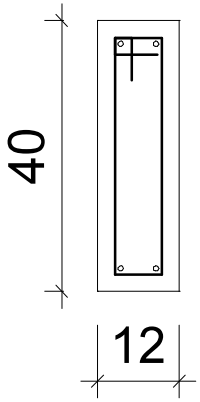
V51

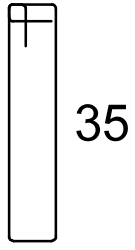
ESC 1:50



SEÇÃO A-A

ESC 1:25



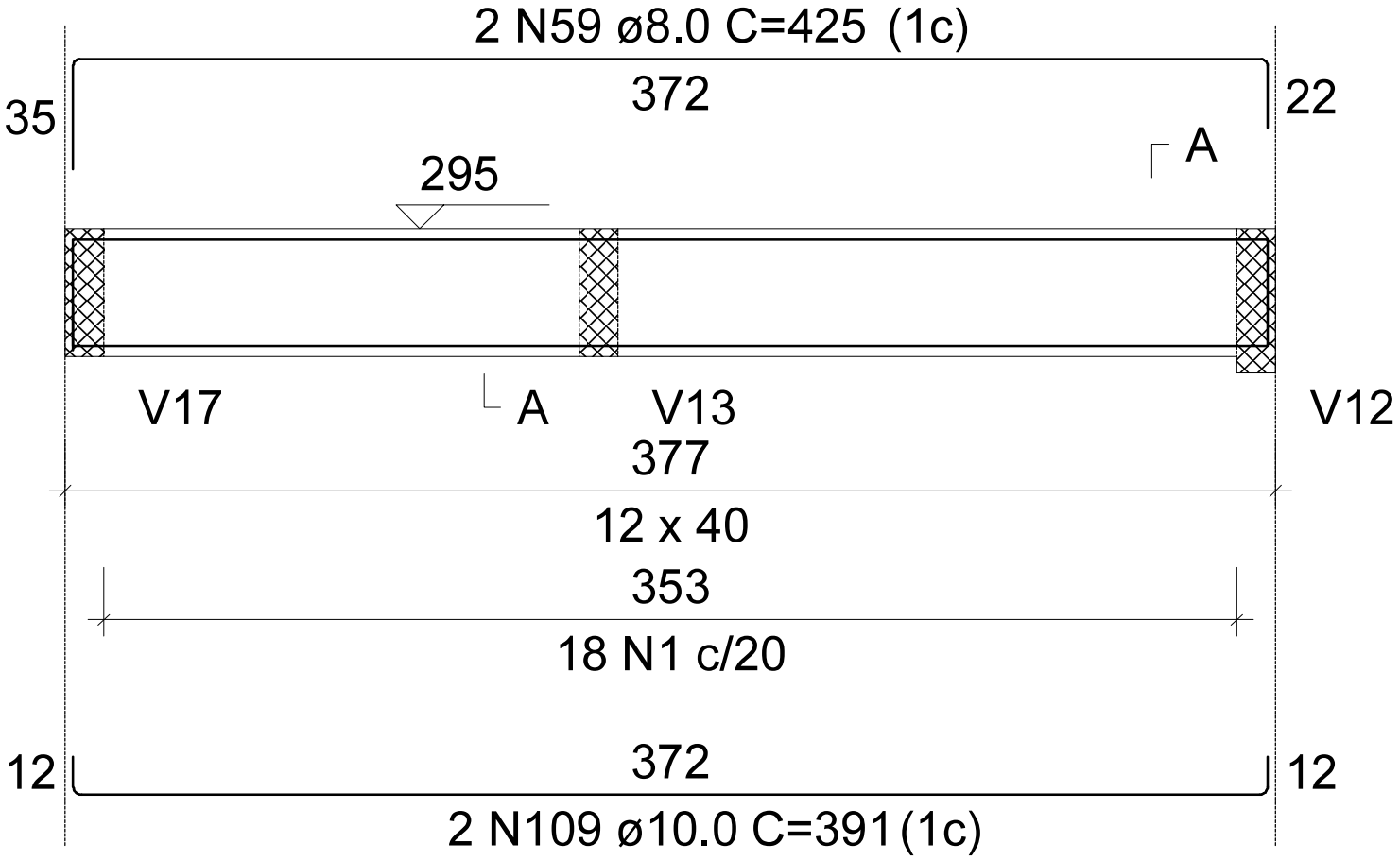


16 N1 ø5.0 C=95

Cobertura

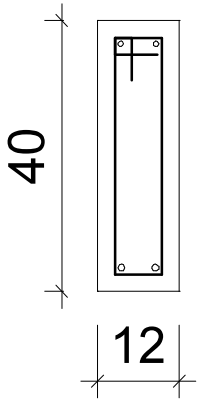
V52

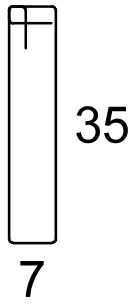
ESC 1:50



SEÇÃO A-A

ESC 1:25



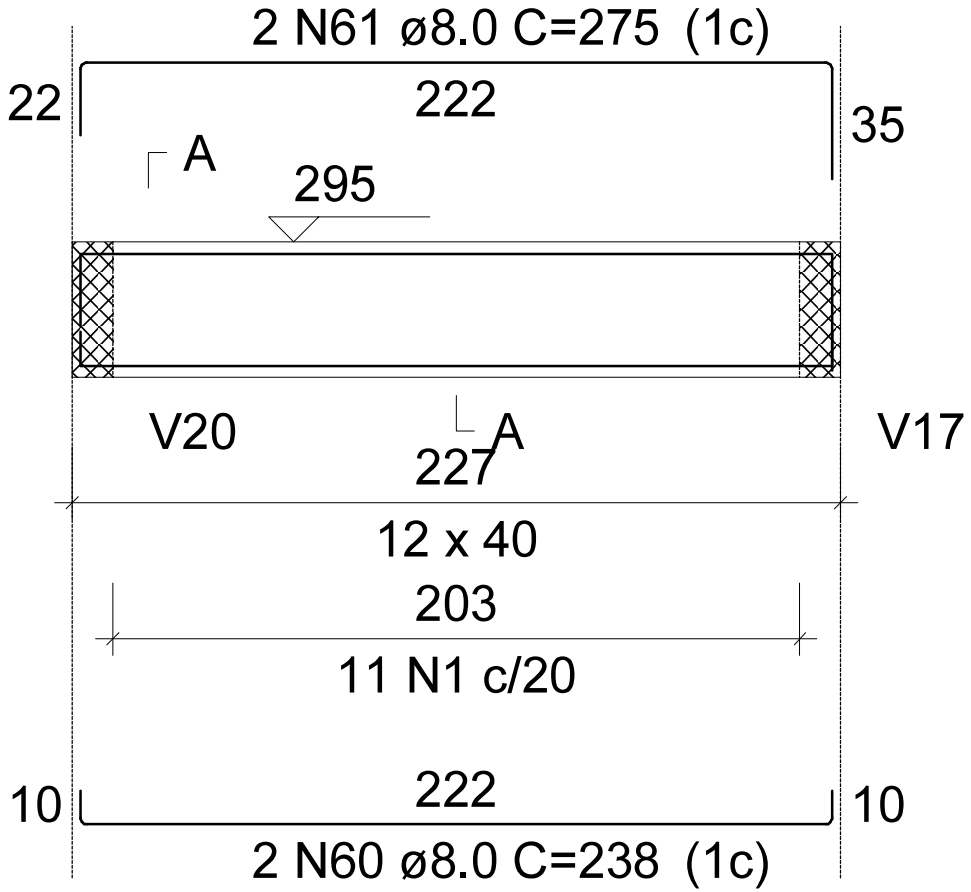


18 N1 ø5.0 C=95

Cobertura

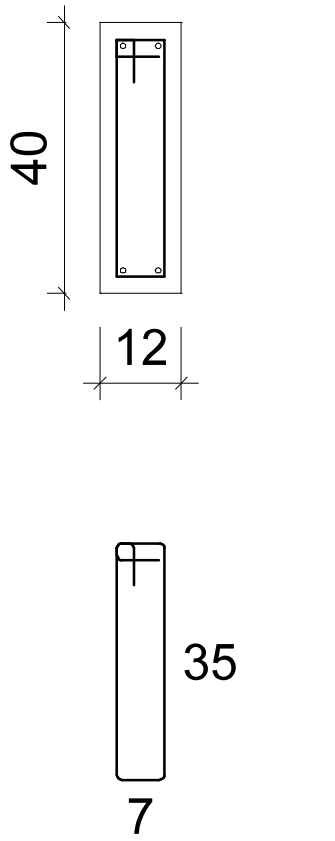
V53

ESC 1:50



SEÇÃO A-A

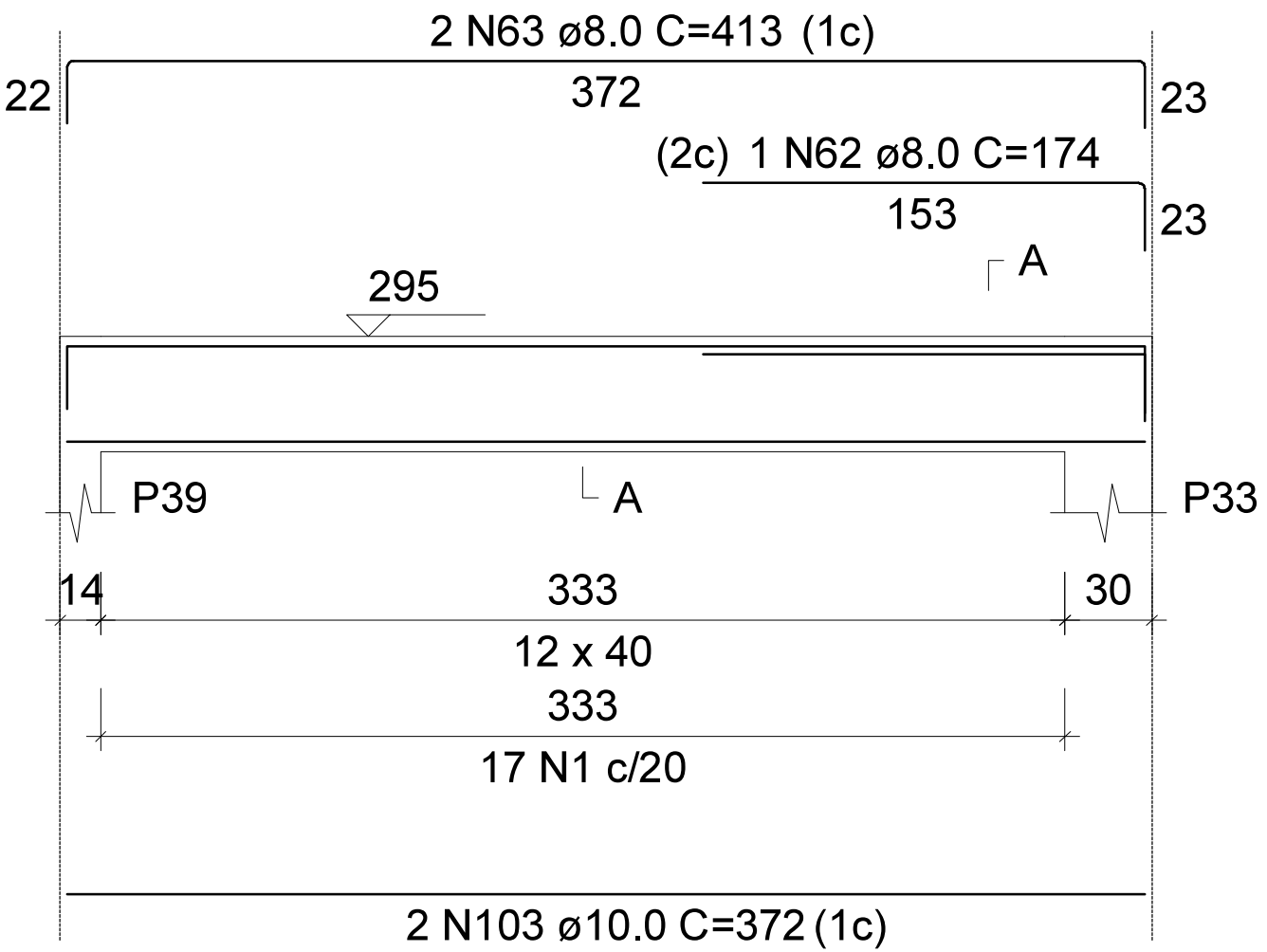
ESC 1:25



Cobertura

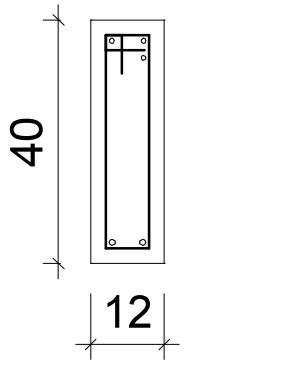
V54

ESC 1:50



SEÇÃO A-A

ESC 1:25

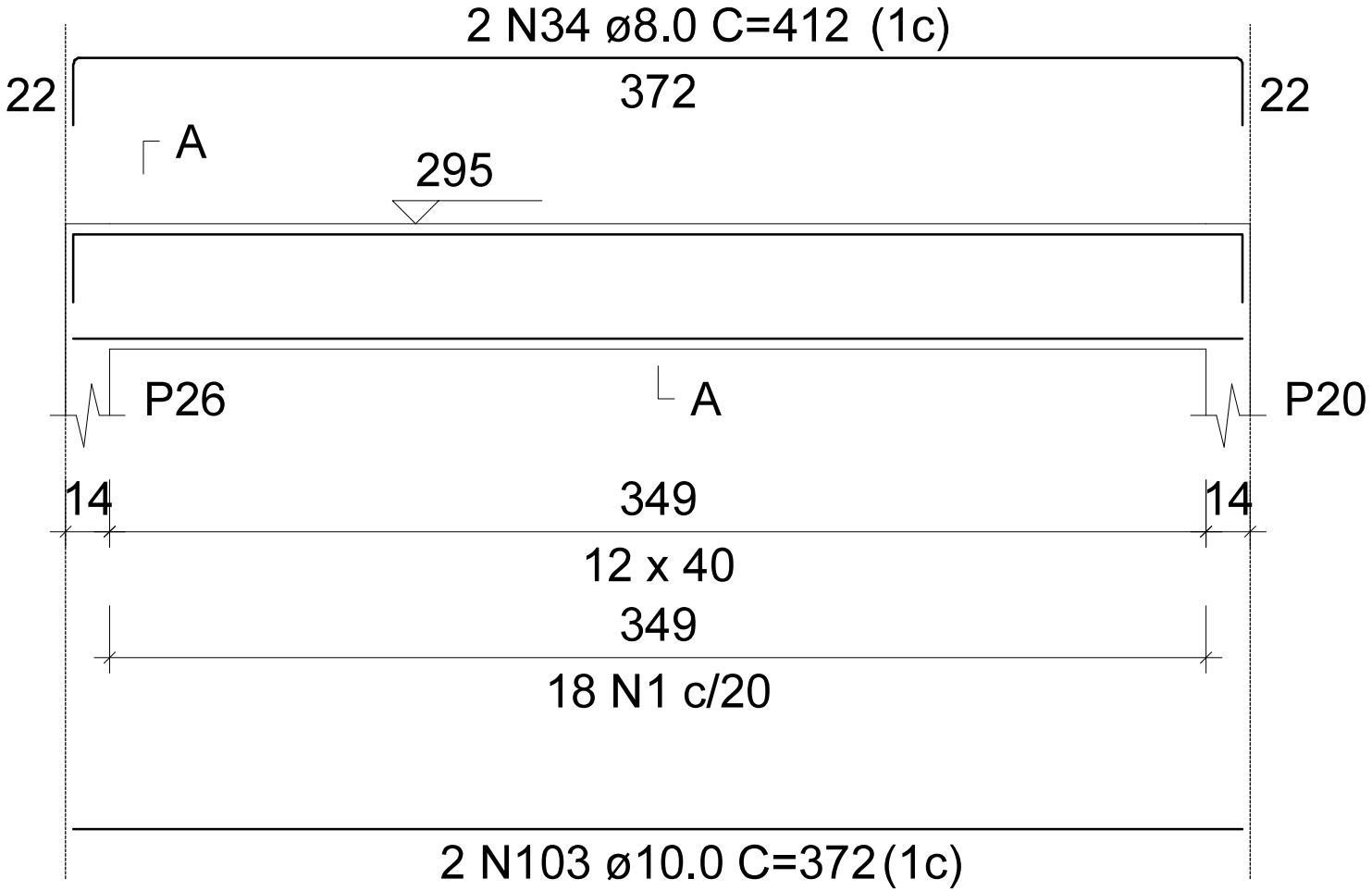


17 N1 ø5.0 C=95

Cobertura

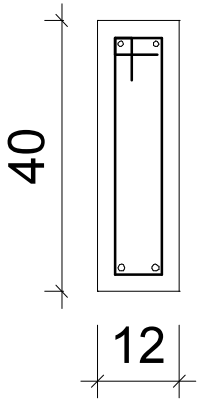
V56

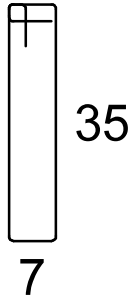
ESC 1:50



SEÇÃO A-A

ESC 1:25





18 N1 ø5.0 C=95

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

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5,0	877	95	83315
	2	5,0	11	85	935
	3	5,0	33	105	3465
	4	5,0	99	135	13365
	5	5,0	26	135	3510
	6	5,0	8	74	592
CA50	7	6,3	6	609	3654
	8	8,0	2	572	1144
	9	8,0	2	362	724
	10	8,0	6	422	2532
	11	8,0	2	338	676
	12	8,0	2	375	750
	13	8,0	2	222	444
	14	8,0	2	264	528
	15	8,0	2	382	764
	16	8,0	2	368	736
	17	8,0	2	775	1550
	18	8,0	1	182	182
	19	8,0	2	430	860
	20	8,0	2	198	396
	21	8,0	2	222	444
	22	8,0	1	506	506
	23	8,0	1	149	149
	24	8,0	2	1135	2270
	25	8,0	2	472	944
	26	8,0	1	129	129
	27	8,0	1	124	124
	28	8,0	2	518	1036
	29	8,0	2	151	302
	30	8,0	1	165	165
	31	8,0	2	762	1524
	32	8,0	4	180	720
	33	8,0	4	192	768
	34	8,0	18	412	7416
	35	8,0	2	266	532
	36	8,0	2	414	828
	37	8,0	4	380	1520
	38	8,0	1	129	129
	39	8,0	2	426	852
	40	8,0	2	232	464
	41	8,0	2	277	554
	42	8,0	6	372	2232
	43	8,0	2	168	336
	44	8,0	2	205	410
	45	8,0	4	200	800
	46	8,0	2	220	440
	47	8,0	4	565	2260
	48	8,0	4	577	2308
	49	8,0	2	260	520
	50	8,0	2	272	544
	51	8,0	2	654	1308
	52	8,0	2	188	376
	53	8,0	2	212	424
	54	8,0	2	258	516
	55	8,0	2	270	540
	56	8,0	1	88	88
	57	8,0	2	212	424
	58	8,0	2	415	830
	59	8,0	2	425	850
	60	8,0	2	238	476
	61	8,0	2	275	550
	62	8,0	1	174	174
	63	8,0	2	413	826
	64	8,0	2	242	484
	65	8,0	2	282	564
	66	10,0	2	527	1054
	67	10,0	4	322	1288
	68	10,0	4	401	1604
	69	10,0	2	735	1470
	70	10,0	2	382	764
	71	10,0	2	449	898
	72	10,0	1	149	149
	73	10,0	2	505	1010
	74	10,0	2	766	1532
	75	10,0	1	225	225
	76	10,0	2	810	1620
	77	10,0	1	300	300
	78	10,0	2	535	1070
	79	10,0	1	197	197
	80	10,0	2	204	408
	81	10,0	2	599	1198
	82	10,0	2	602	1204
	83	10,0	1	204	204
	84	10,0	1	181	181
	85	10,0	2	660	1320
	86	10,0	2	446	892
	87	10,0	2	503	1006
	88	10,0	2	779	1558
	89	10,0	1	205	205
	90	10,0	2	834	1668
	91	10,0	2	1082	2164
	92	10,0	4	727	2908
	93	10,0	3	609	1827
	94	10,0	1	228	228
	95	10,0	1	222	222
	96	10,0	2	667	1334
	97	10,0	2	518	1036
	98	10,0	1	191	191
	99	10,0	2	578	1156
	100	10,0	4	106	424
	101	10,0	2	757	1514
	102	10,0	4	96	384
	103	10,0	10	372	3720
	104	10,0	2	226	452
	105	10,0	2	319	638
	106	10,0	2	368	736
	107	10,0	2	320	640
	108	10,0	2	367	734
	109	10,0	8	391	3128
	110	10,0	2	614	1228
	111	10,0	4	447	1788
	112	10,0	2	506	1012
	113	10,0	1	493	493
	114	10,0	2	500	1000

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	6,3	36,5	4	9,8
	8,0	508,4	47	221,1
	10,0	519,8	48	352,5
CA60	5,0	1032	95	175

PESO TOTAL (kg)	
CA50	583,5
CA60	175

Volume de concreto (C-25) = 10,14 m³
Área de forma = 219,48 m²