

V1
V3
V4
V5
V6
V7
V8
V9
V10
V11
V12
V13
V14
V15
V16

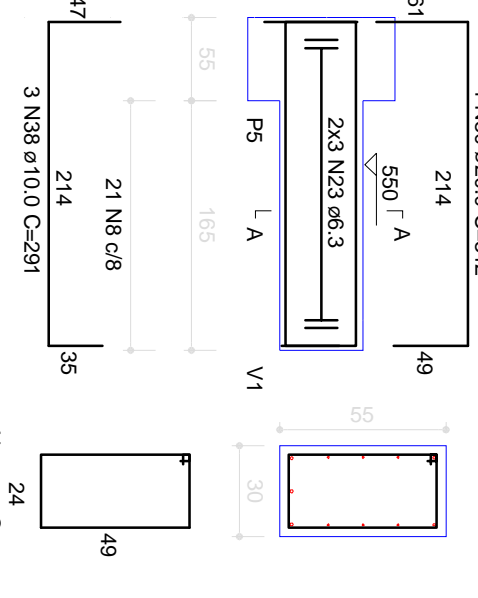
AÇO	N	DIAM	Q	UNIT	C TOTAL
60	1	5,0	85	2	7990
2	50	5,0	295	500	590
3	50	5,0	443	500	886
4	50	5,0	280	214	55640
5	50	5,0	14	corr	19940
6	50	5,0	20	corr	18220
7	50	5,0	234	corr	46430
8	50	5,0	40	corr	6160
9	50	5,0	28	corr	8888
10	50	5,0	28	corr	16194
11	50	5,0	28	corr	6194
12	50	5,0	21	corr	4091
13	50	5,0	12	corr	3178
14	63	6,3	12	corr	13200
15	63	6,3	12	corr	8176
16	63	6,3	12	corr	8176
17	63	6,3	12	corr	8176
18	63	6,3	24	corr	16890
19	63	6,3	24	corr	16890
20	63	6,3	20	corr	8540
21	63	6,3	20	corr	8540
22	63	6,3	20	corr	8540
23	63	6,3	12	corr	2640
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25	63	6,3	12	corr	2640
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27	63	6,3	12	corr	2640
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29	63	6,3	12	corr	2640
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42	63	6,3	12	corr	2640
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75	63	6,3	12	corr	2640
76	63	6,3	12	corr	2640
77	63	6,3	12	corr	2640
78	63	6,3	12	corr	2640
79	63	6,3	12	corr	2640
80	63	6,3	12	corr	2640

CA50	6,3	766,5	206,7
CA60	10,0	501,8	34,5
CA60	12,5	291,0	308,5
CA60	16,0	131,3	254,5
CA60	5,0	1791,5	303,5
CA60	303,5		

AÇO	DIAM	C TOTAL	PESO+10%
CA50	6,3	766,5	206,7
CA60	10,0	501,8	34,5
CA60	12,5	291,0	308,5
CA60	16,0	131,3	254,5
CA60	5,0	1791,5	303,5
CA60	303,5		

Volumo de concreto total = 71,28 m³
Área de forma total = 157,28 m²
Ick = 300,00 kg/cm³

V12



TÍTULO: FERRAGEM VIGAS 1º PAVTO

OBRA: BLOCO CENTRAL

LOCAL: FRANCA SP

CLIENTE: UNIFACEF

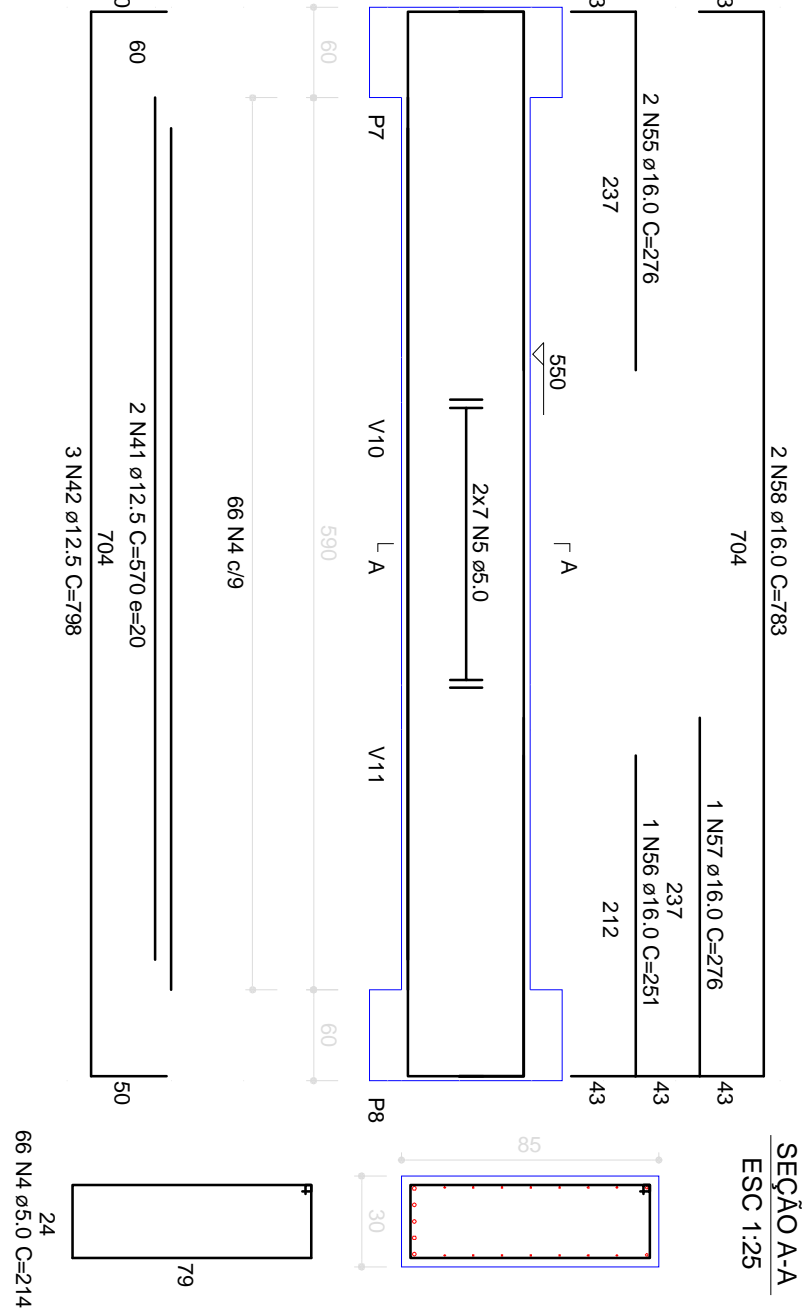
ENG: VIRGINIO H. V. REIS

CRÉD: 0600706662

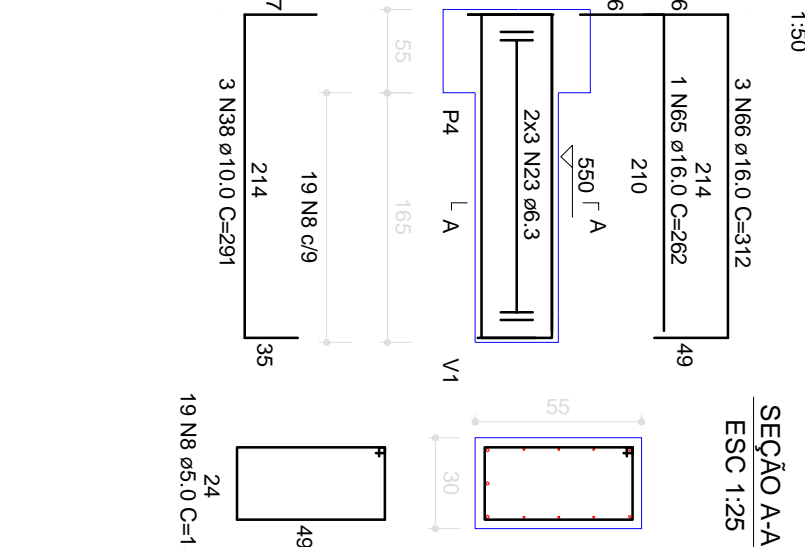
ESCALA: INDICADA

DATA: NOV 2012

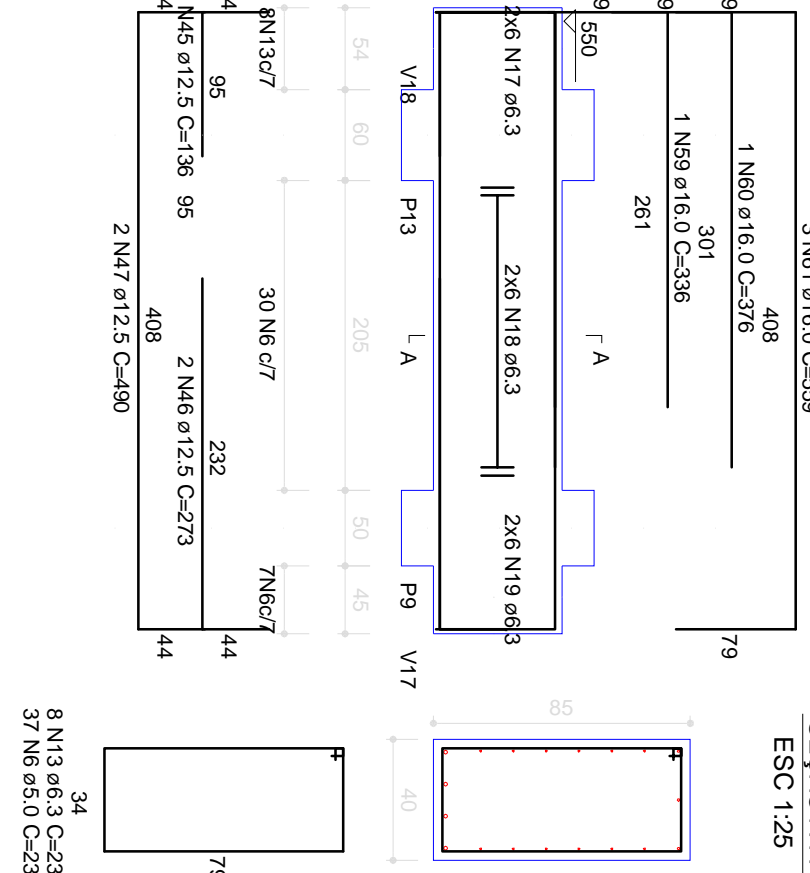
V4



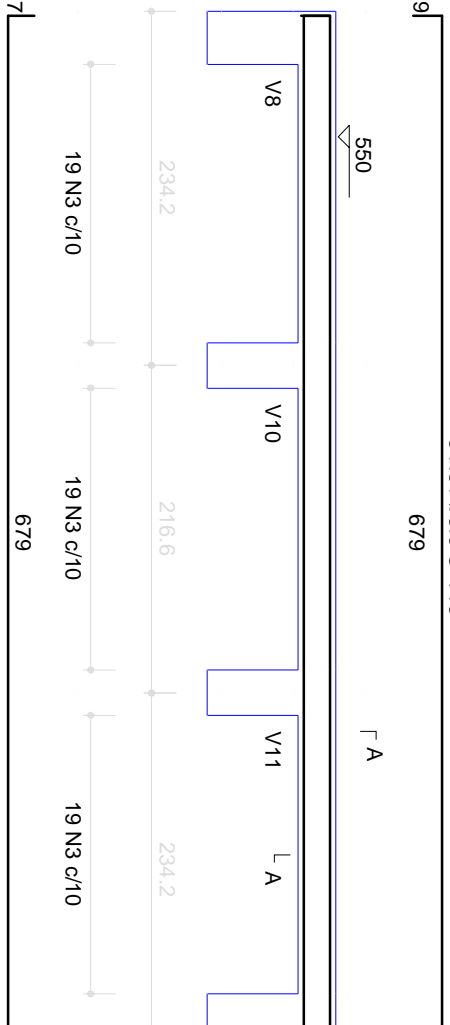
V9



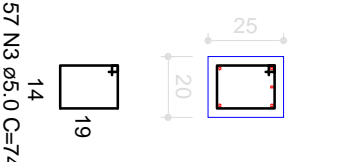
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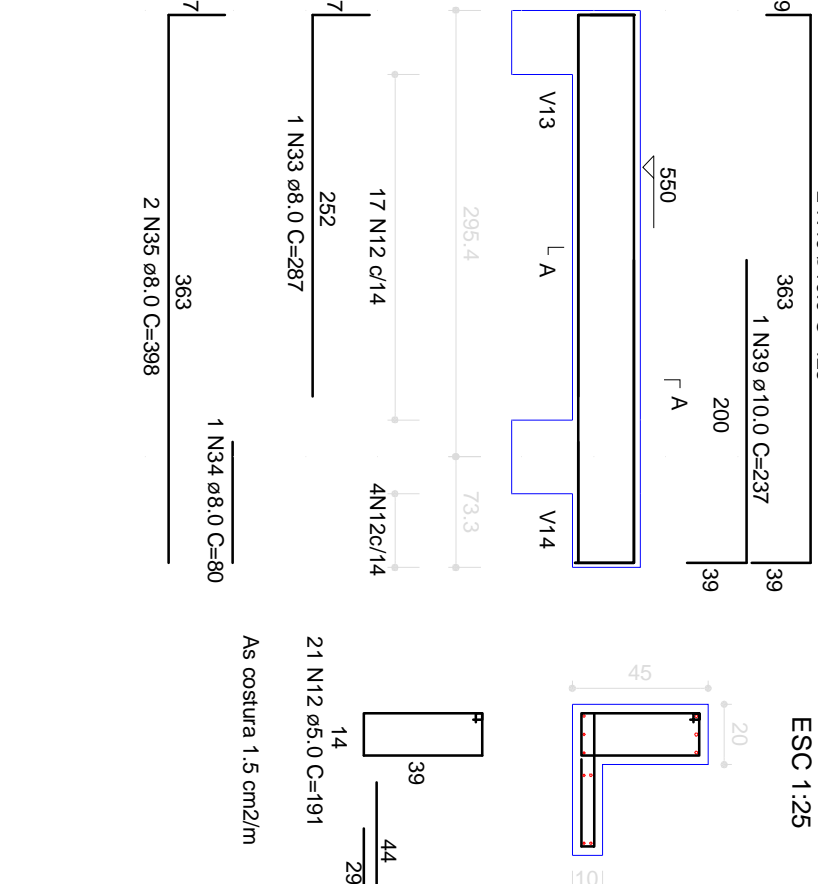
V3



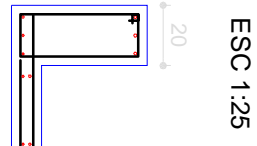
SEÇÃO A-A



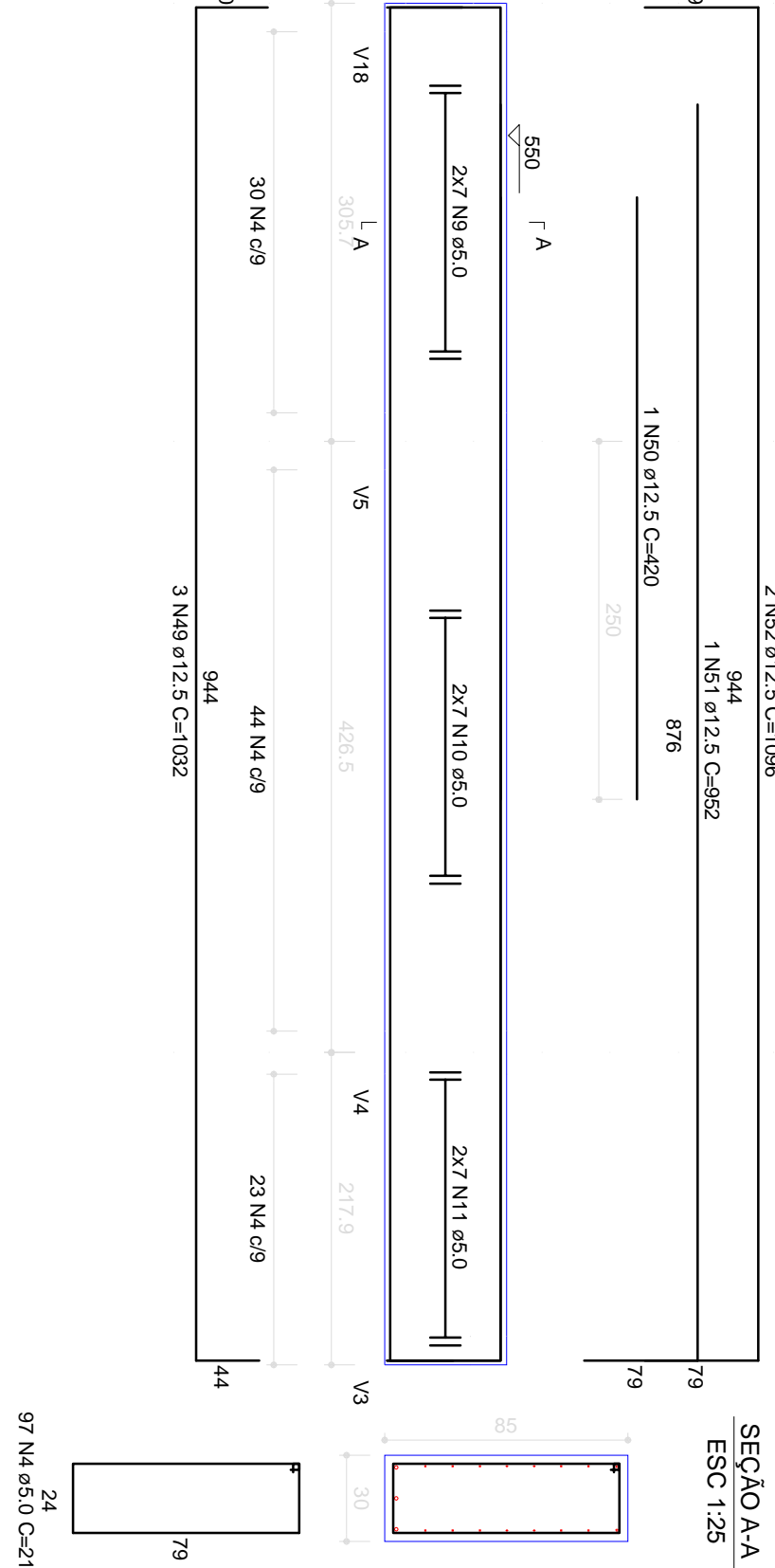
V16



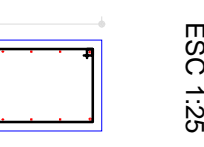
SEÇÃO A-A



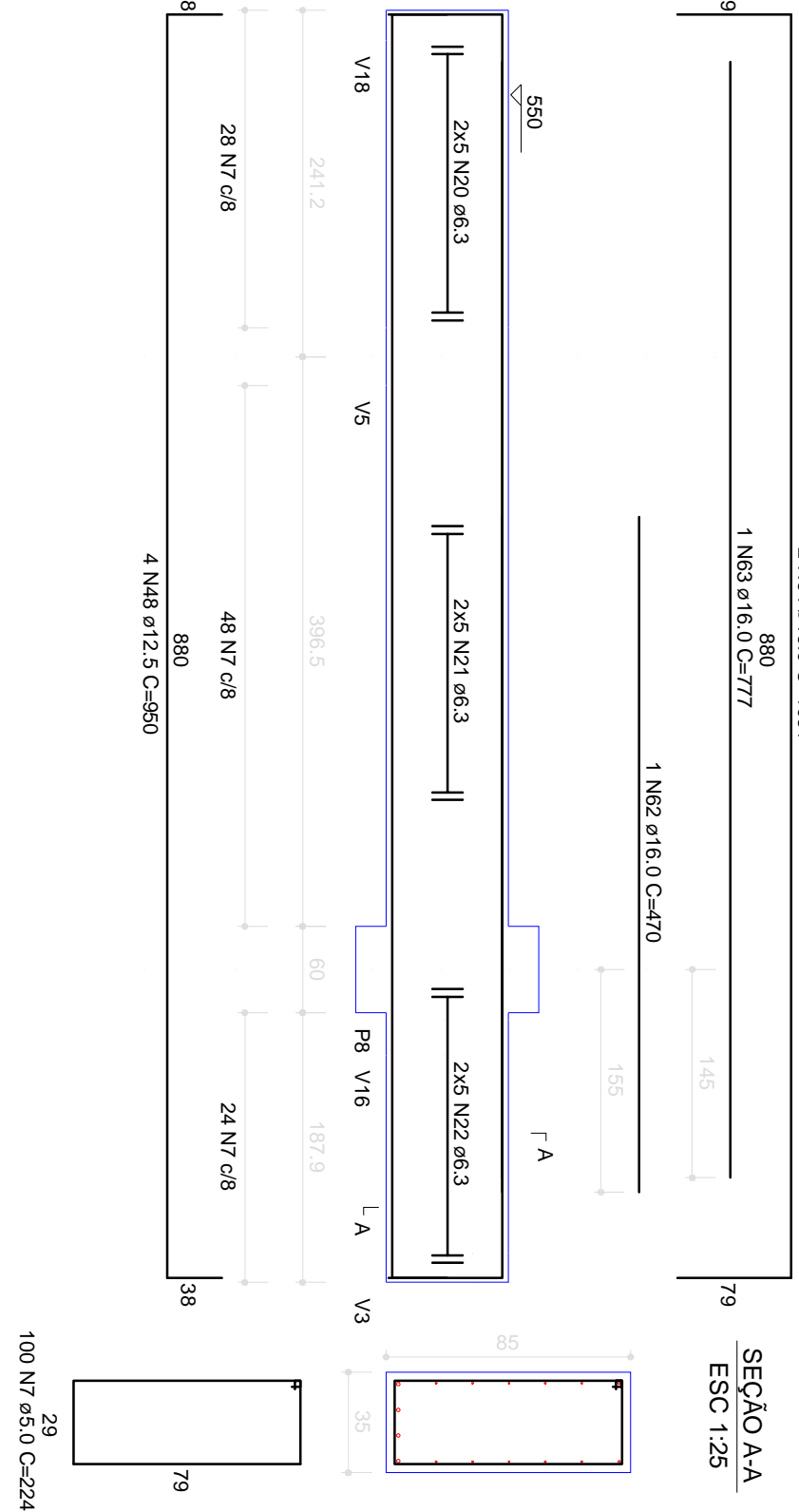
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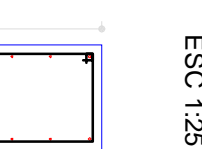
SEÇÃO A-A



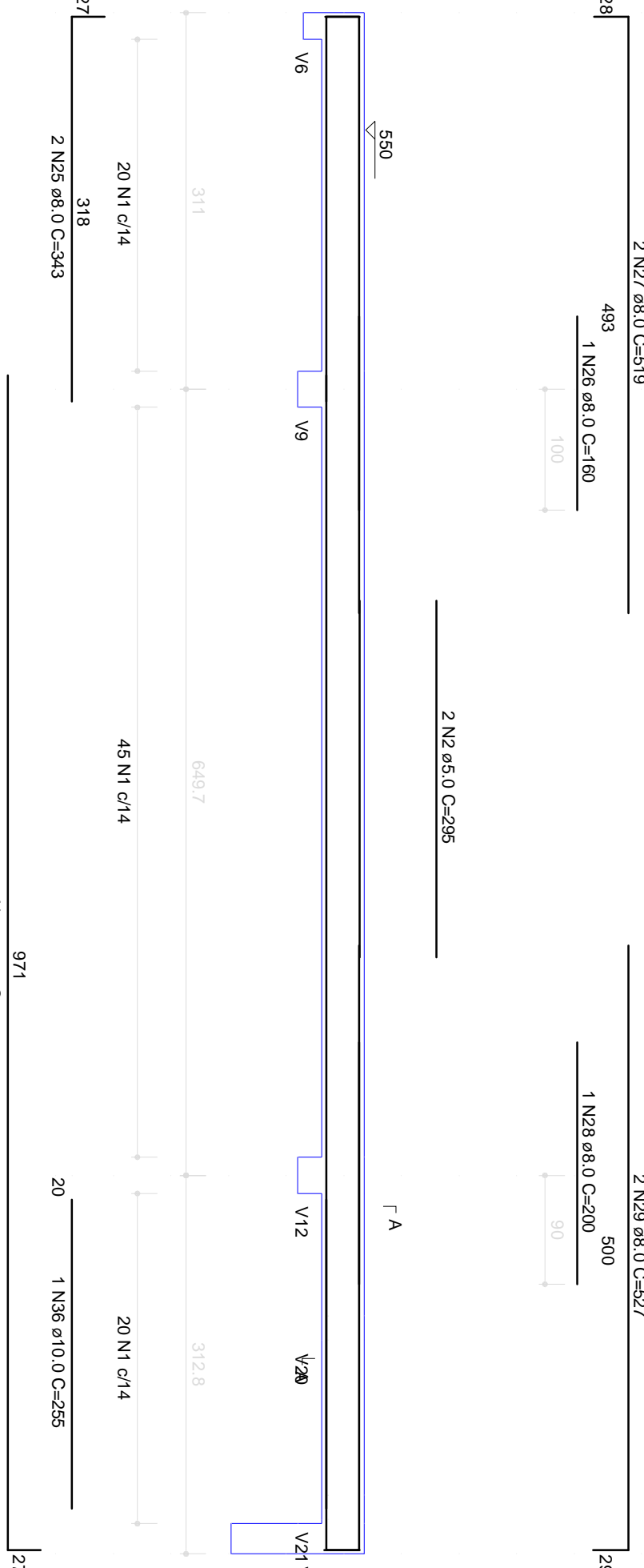
V13



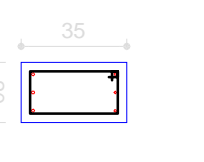
SEÇÃO A-A



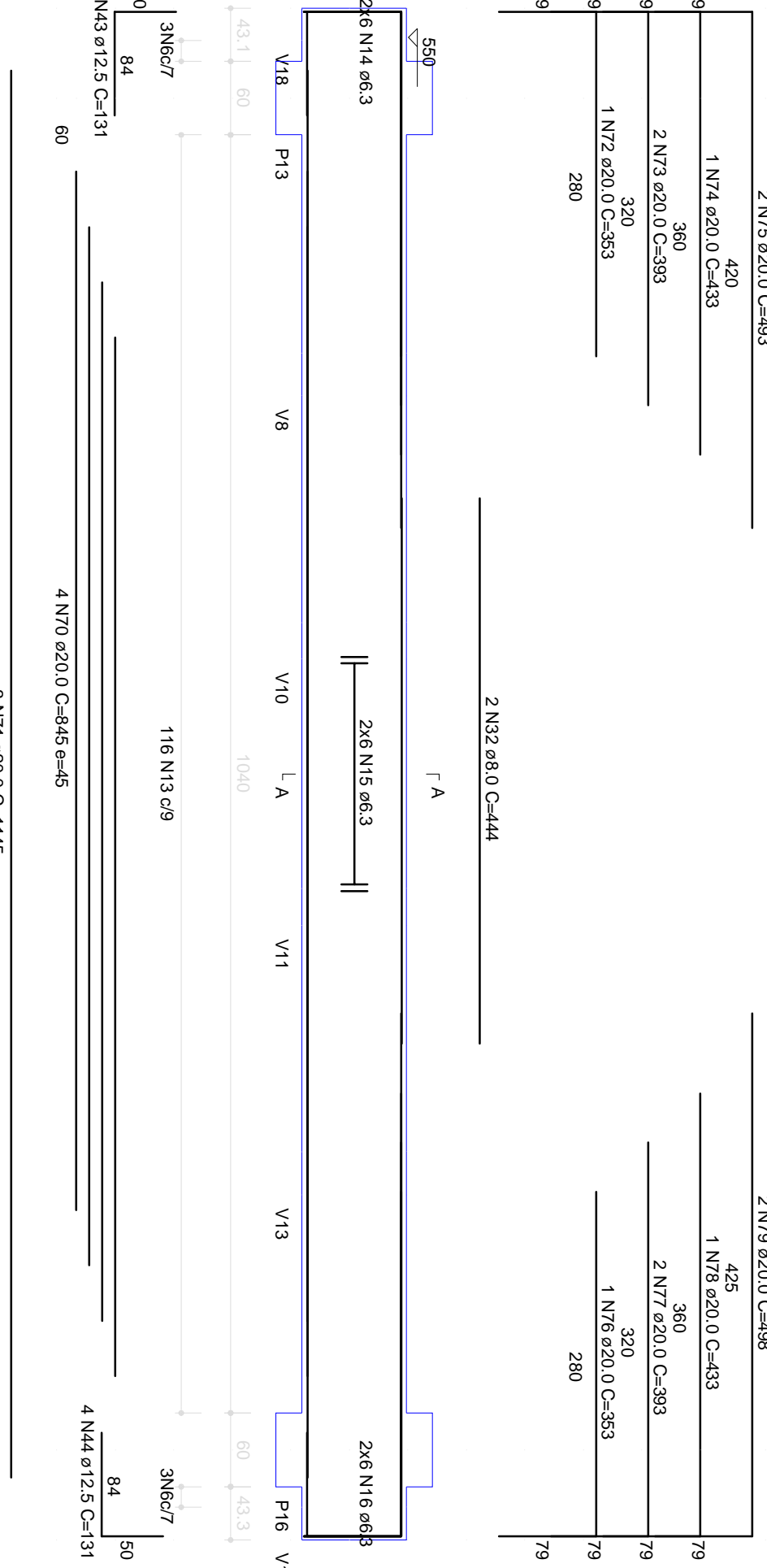
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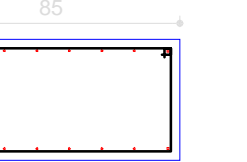
SEÇÃO A-A



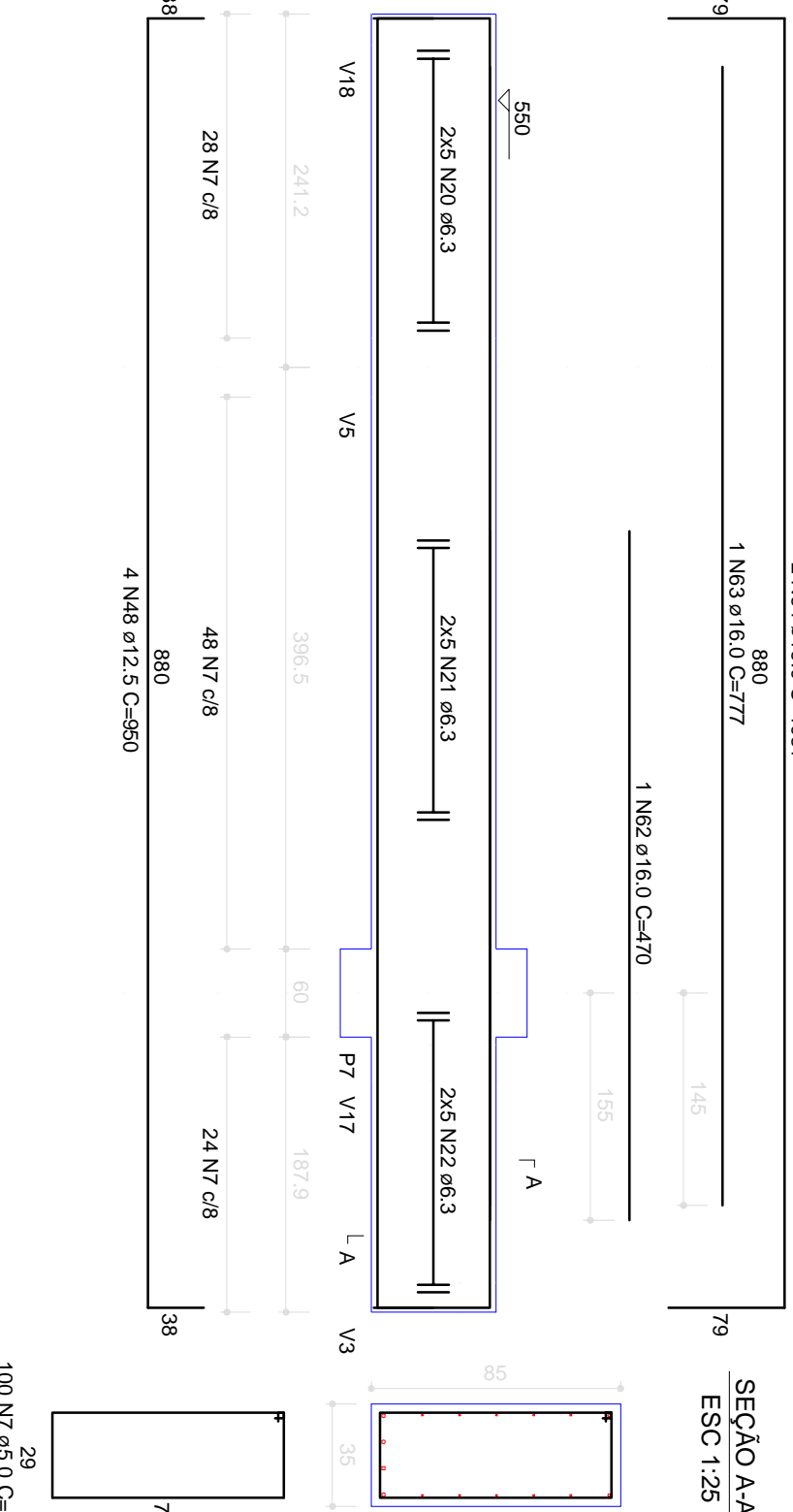
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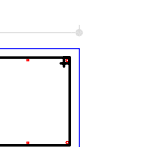
SEÇÃO A-A



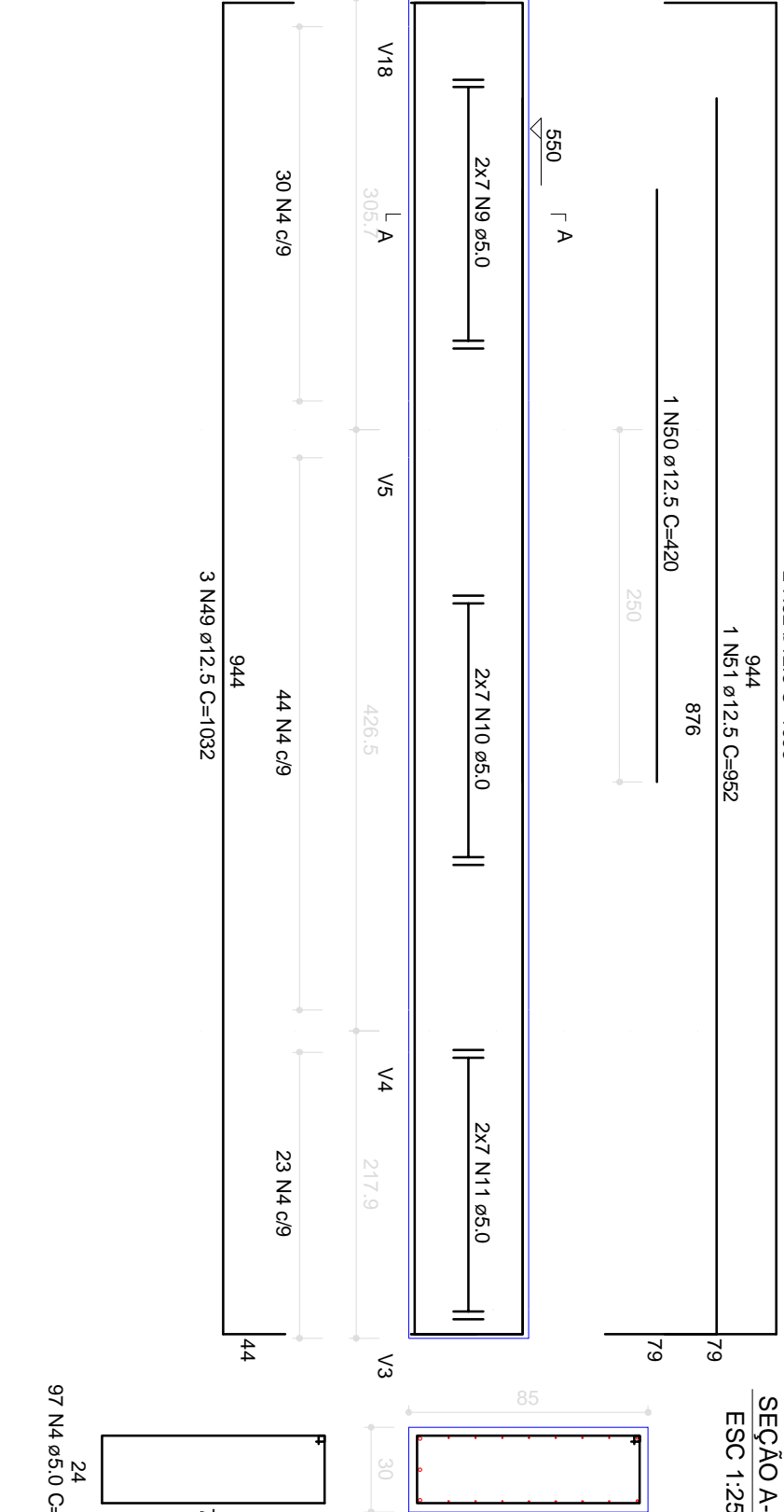
V8



SEÇÃO A-A



V11



SEÇÃO A-A

