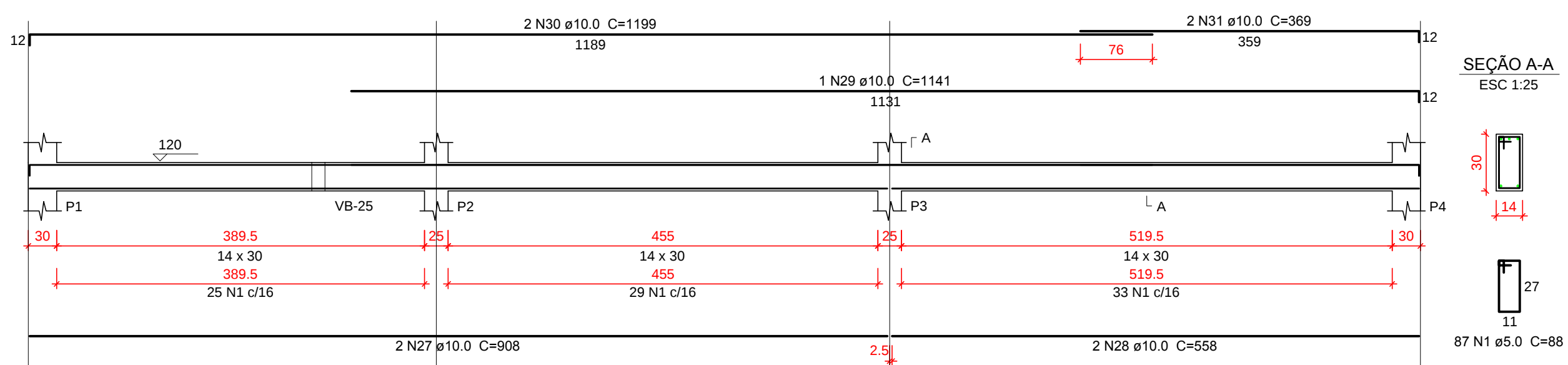


VIGAS BALDRAME (0,00)

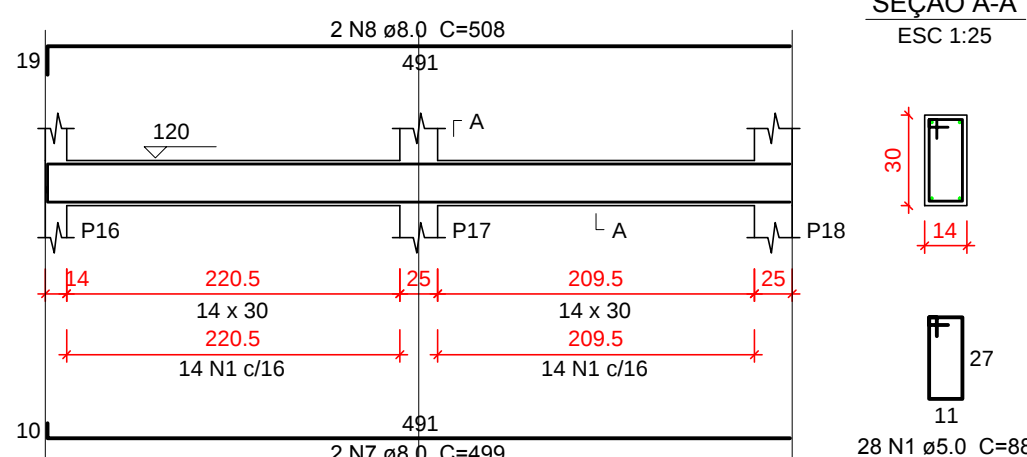
VB-1

ESC 1:50



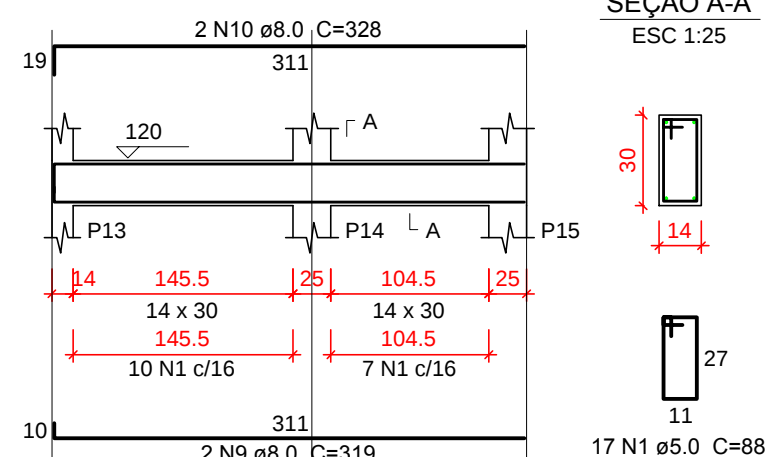
VB-5

ESC 1:50



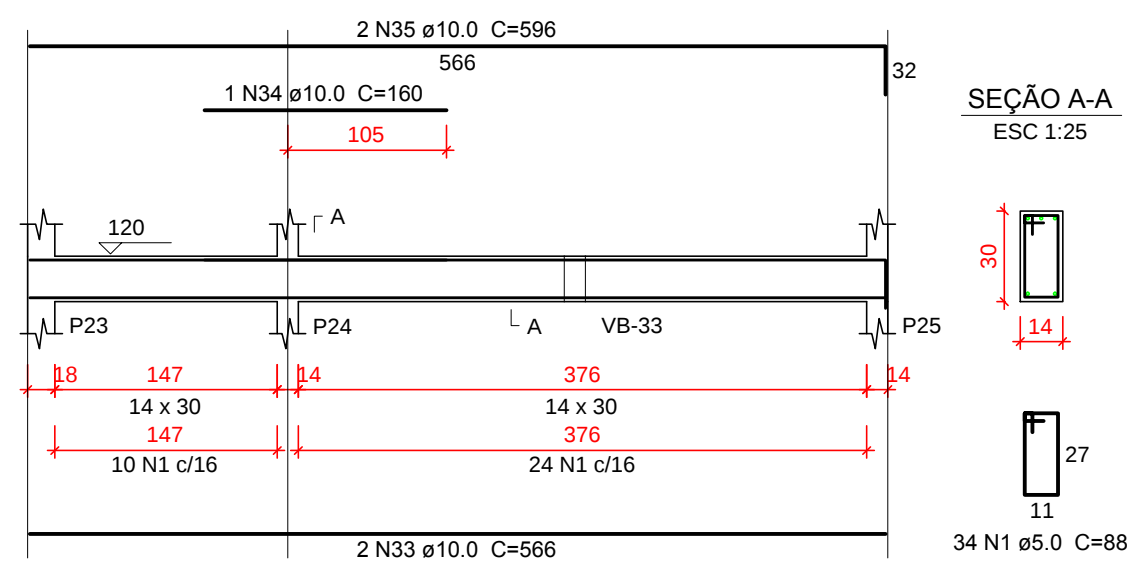
VB-6

ESC 1:50



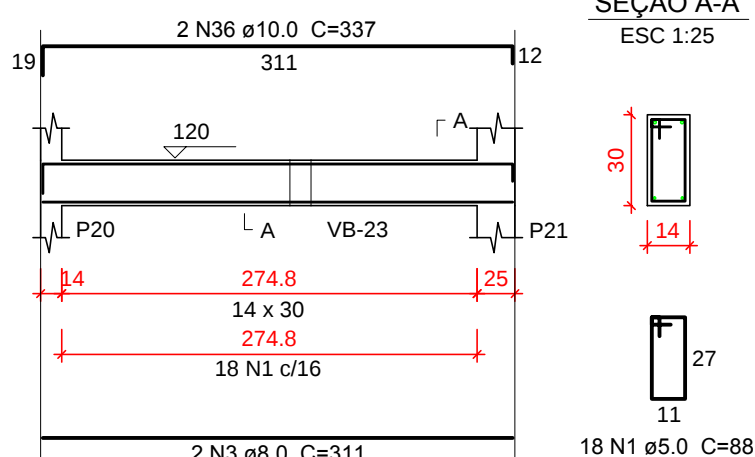
VB-7

ESC 1:50



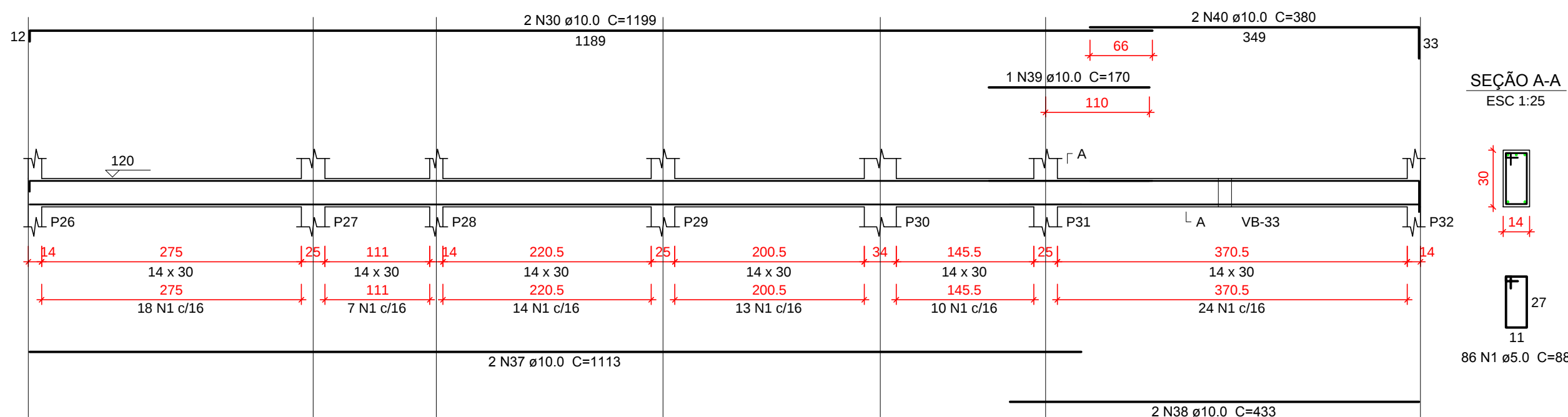
VB-8

ESC 1:50



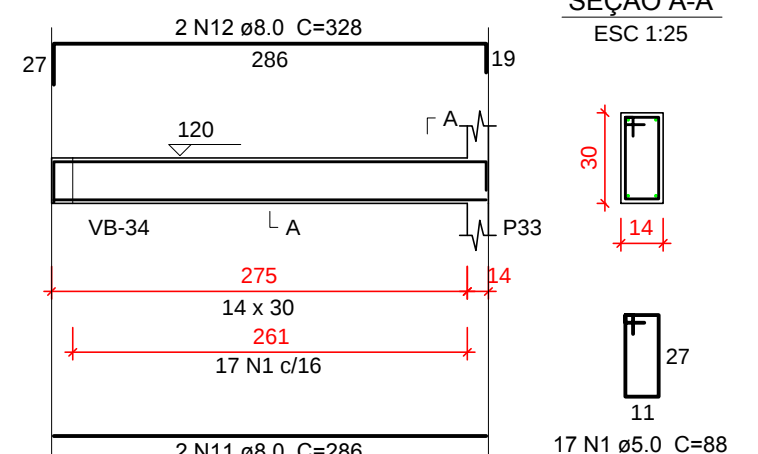
VB-9

ESC 1:50



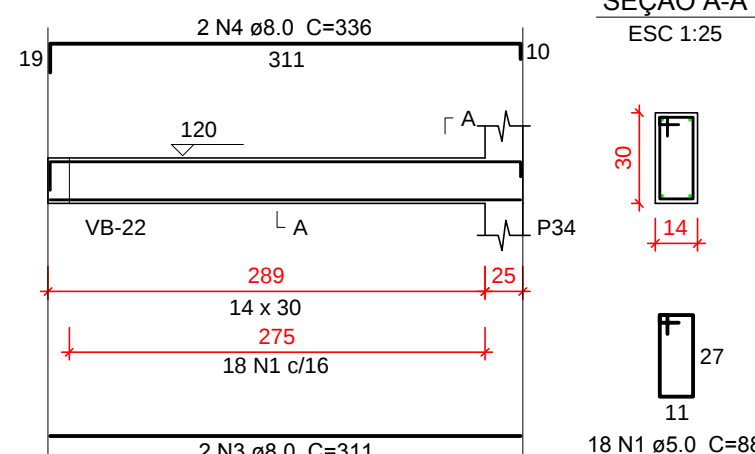
VB-10

ESC 1:50



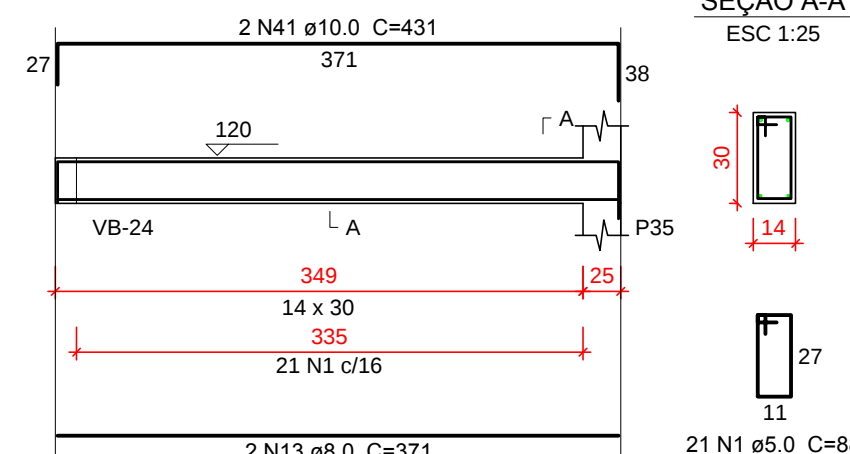
VB-11

ESC 1:50



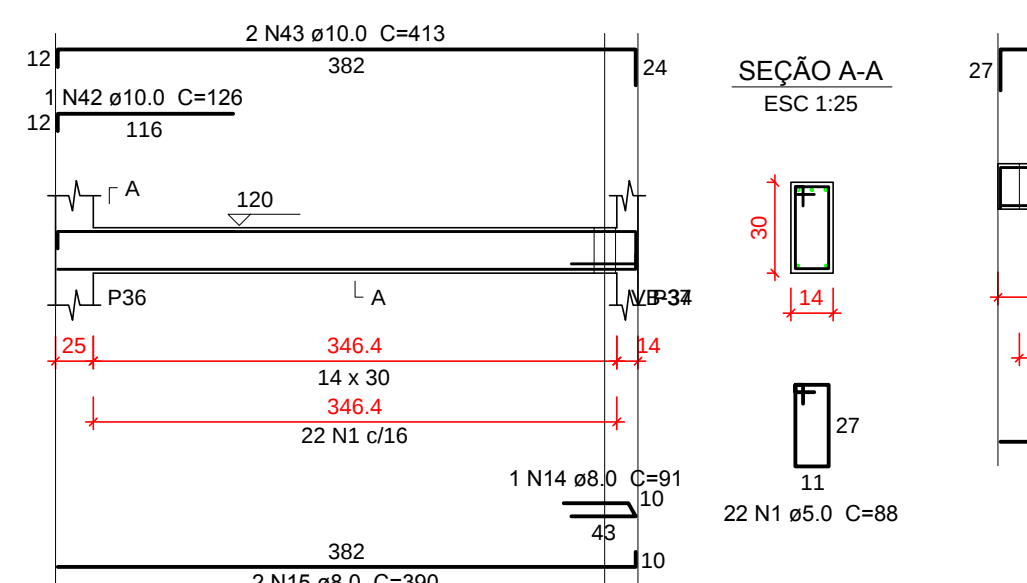
VB-12

ESC 1:50



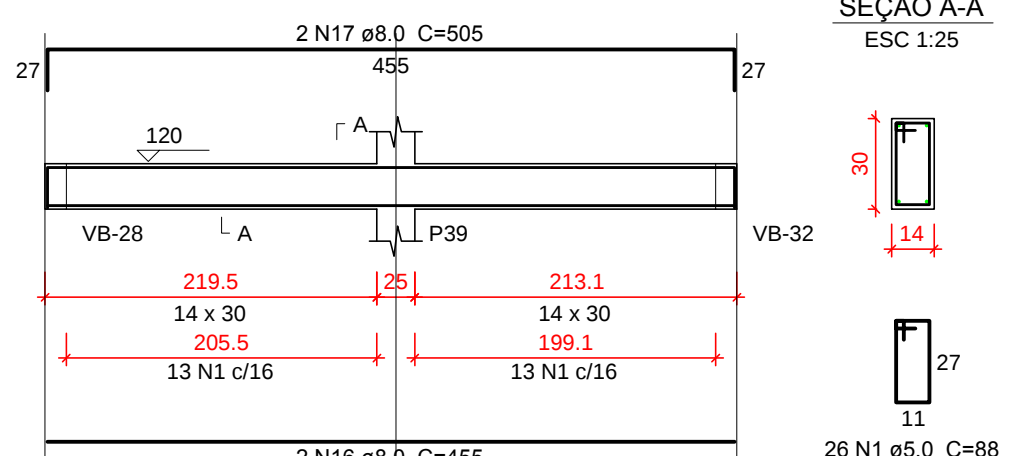
VB-13

ESC 1:50



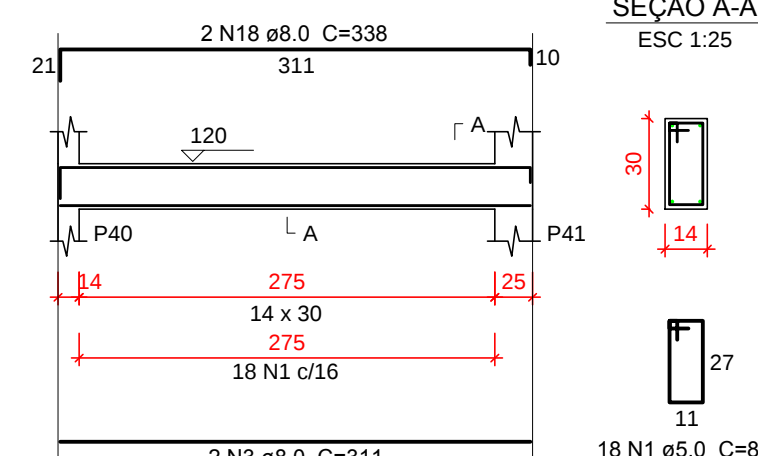
VB-14

ESC 1:50



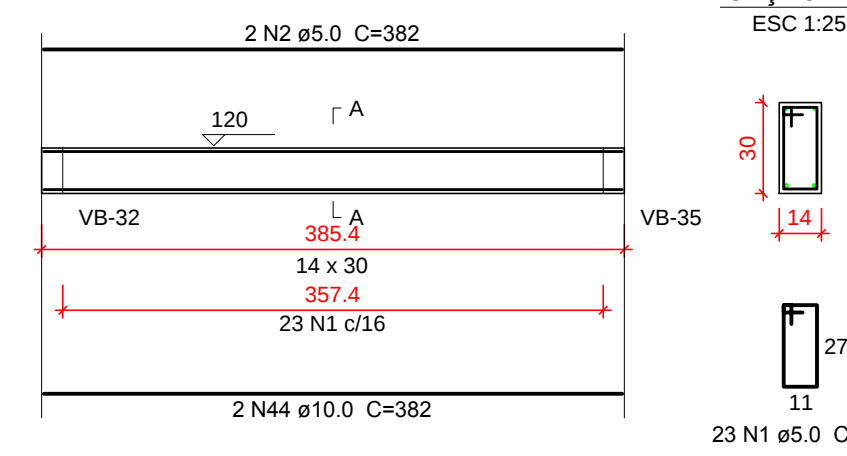
VB-15

ESC 1:50



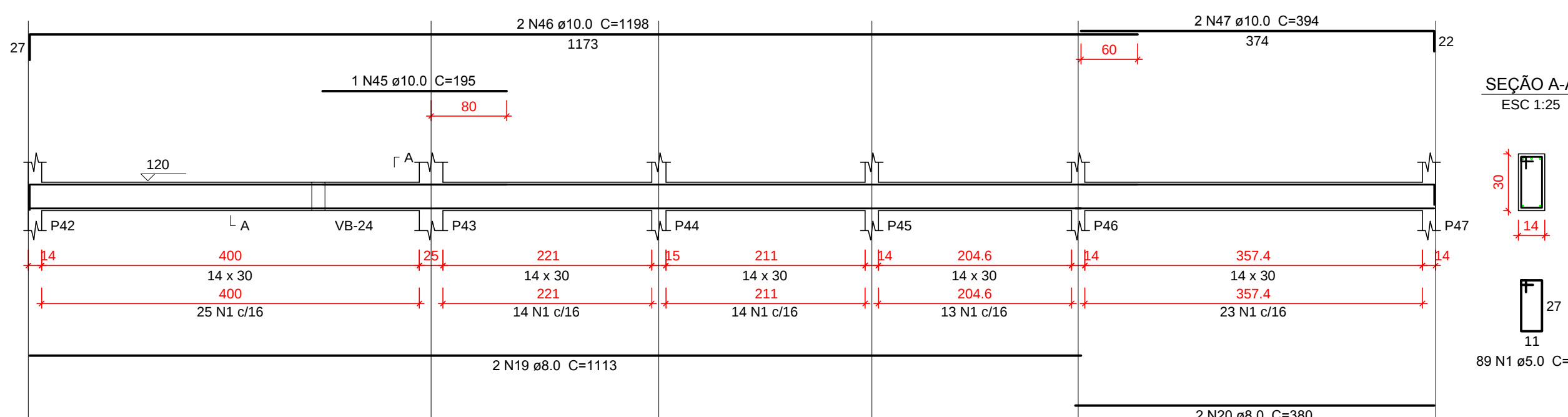
VB-16

ESC 1:50



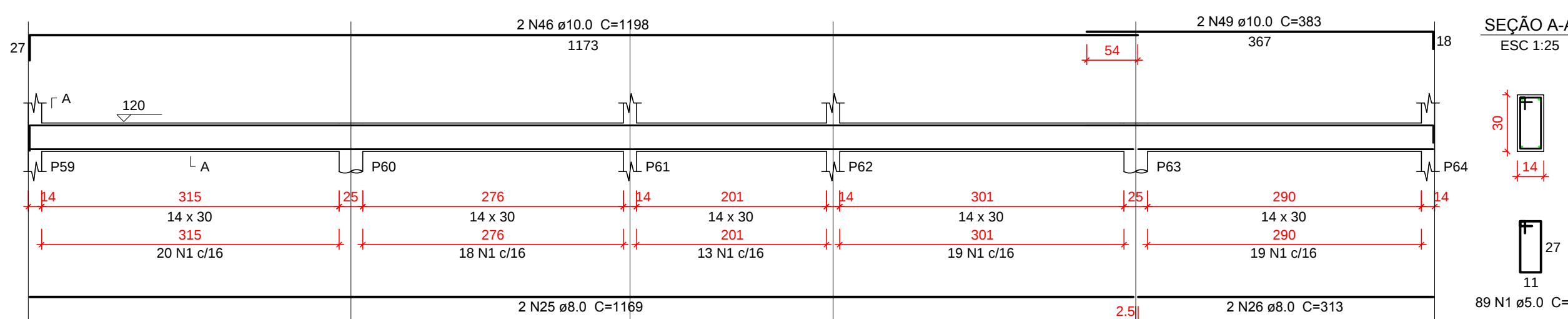
VB-17

ESC 1:50



VB-21

ESC 1:50



Relação do aço

ACO	N	DIAM (mm)	QUANT (Barra)	UNIT (cm)	C.TOTAL (cm)
VB-1	1	5.0	724	88	63712
VB-4	2	5.0	2	382	764
VB-5	3	8.0	8	311	2488
VB-7	4	8.0	4	336	1344
VB-10	5	8.0	2	444	888
VB-13	6	8.0	2	566	1132
VB-16	7	8.0	2	499	998
VB-19	8	8.0	2	508	1016
VB-2	9	8.0	2	319	638
VB-6	10	8.0	2	329	658
VB-8	11	8.0	2	286	572
VB-11	12	8.0	2	328	656
VB-12	13	8.0	2	371	742
VB-15	14	8.0	1	91	91
VB-18	15	8.0	2	390	780
VB-20	16	8.0	2	455	910
VB-21	17	8.0	2	505	1010
VB-3	18	8.0	2	338	676
VB-9	19	8.0	2	1113	2226
VB-14	20	8.0	2	380	760
VB-17	21	8.0	2	271	542
VB-2	22	8.0	2	304	608
VB-6	23	8.0	4	207	1148
VB-8	24	8.0	2	436	872
VB-11	25	8.0	2	1169	2338
VB-12	26	8.0	2	313	626
VB-13	27	10.0	2	908	1816
VB-15	28	10.0	2	558	1116
VB-17	29	10.0	1	1141	1141
VB-21	30	10.0	4	1199	4796
VB-3	31	10.0	2	369	738
VB-9	32	10.0	2	446	892
VB-11	33	10.0	4	566	2264
VB-13	34	10.0	1	160	160
VB-15	35	10.0	2	596	1192
VB-17	36	10.0	2	337	674
VB-21	37	10.0	2	1113	2226
VB-3	38	10.0	2	433	866
VB-9	39	10.0	1	170	170
VB-11	40	10.0	2	380	760
VB-13	41	10.0	2	431	862
VB-15	42	10.0	1	126	126
VB-17	43	10.0	2	413	826
VB-21	44	10.0	2	382	764
VB-3	45	10.0	1	195	195
VB-9	46	10.0	4	1198	4792
VB-11	47	10.0	2	394	788
VB-13	48	10.0	2	494	988
VB-15	49	10.0	2	383	766

Resumo do aço

ACO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	237.2	102.9
CA50	10.0	289.2	196.1
CA60	5.0	644.8	109.3
PESO TOTAL (kg)			
CA50		299.1	
CA60		109.3	

Volume de concreto (C-25) = 5.23 m³

Área de forma = 92.22 m²

APROVAÇÃO:

ESTATÍSTICAS:

VER PROJETO ARQUITETÔNICO

PROJETO ESTRUTURAL

REFERÊNCIA:

ARMAÇÃO DAS VIGAS DO BALDRAME (0,00)

FOLHA Nº:

07/13

OBRA:

HOSPITAL BENEFICIENTE MOACIR MICHELETTTO

LOCAL:

RUA CURITIBA, LOTE 8, QUADRA C, JD. AMÉRICA - ASSIS CHATEAUBRIAND/PR

ESCALA:

INDICADA

DATA:

DEZEMBRO 2014

DESENHO:

REVISÃO:

PROJETO:

EXECUÇÃO: