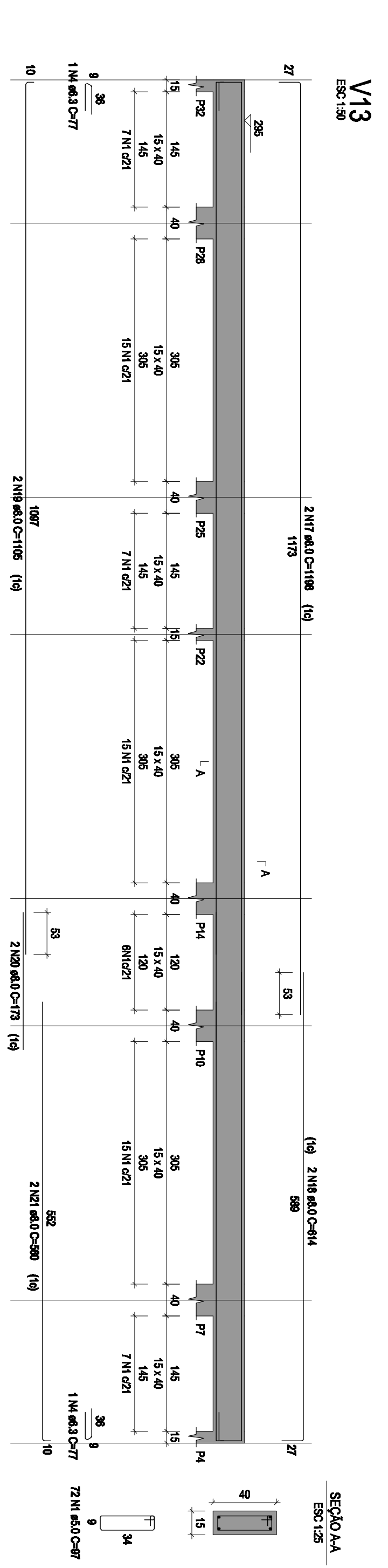
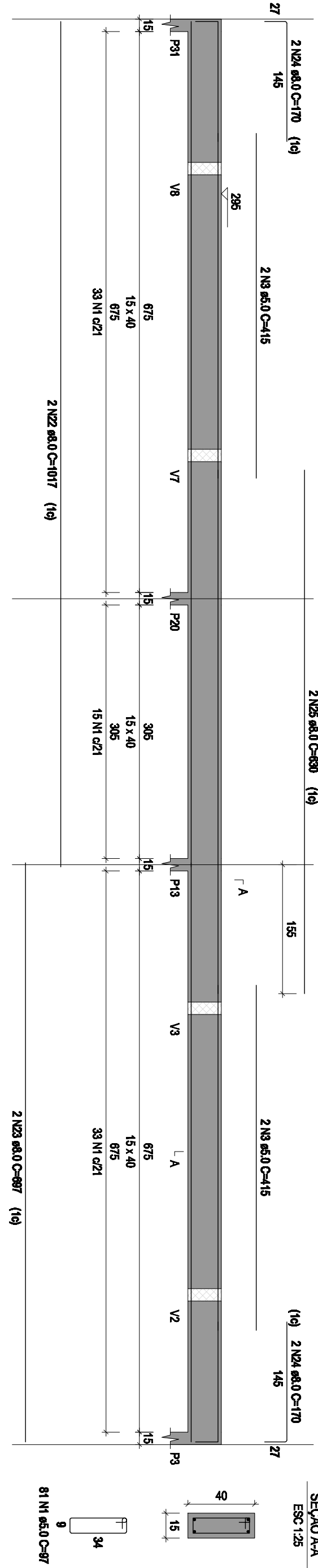
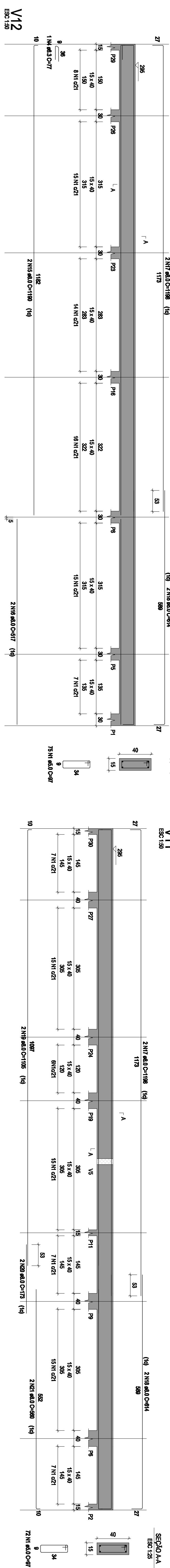
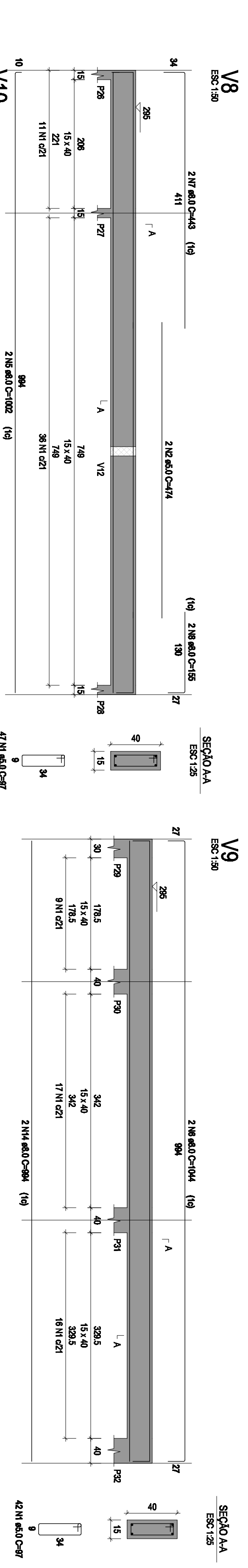
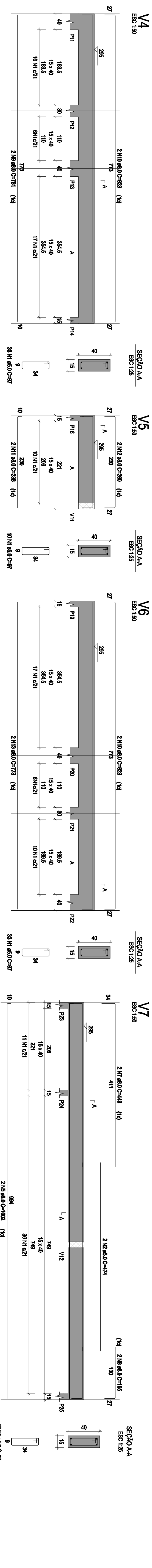
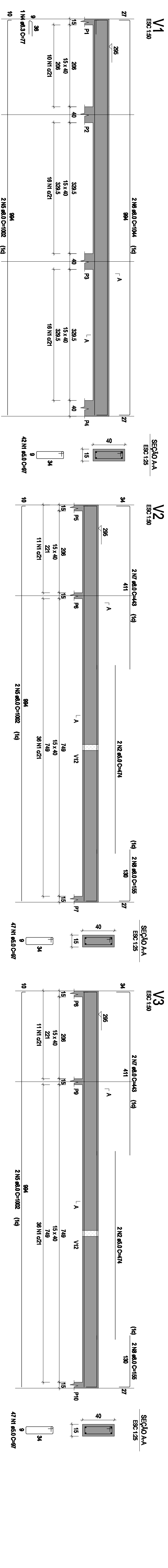




RELATÓRIO DO AÇO

ACO	N	DIM (mm)	QUANT	CUMUL	C.TOTAL
C400	1	50	648	474	3782
C400	2	50	8	415	1980
C400	3	50	4	415	1980
C400	4	50	10	1002	10020
C400	5	50	4	1044	10440
C400	6	50	4	1044	10440
C400	7	50	4	1044	10440
C400	8	50	4	1044	10440
C400	9	50	4	1044	10440
C400	10	50	4	1044	10440
C400	11	50	4	1044	10440
C400	12	50	4	1044	10440
C400	13	50	4	1044	10440
C400	14	50	4	1044	10440
C400	15	50	4	1044	10440
C400	16	50	4	1044	10440
C400	17	50	4	1044	10440
C400	18	50	4	1044	10440
C400	19	50	4	1044	10440
C400	20	50	4	1044	10440
C400	21	50	4	1044	10440
C400	22	50	4	1044	10440
C400	23	50	4	1044	10440
C400	24	50	4	1044	10440
C400	25	50	4	1044	10440

RESUMO DO AÇO

ACO	DIM (mm)	C.TOTAL (kg)	PESO + 10% (kg)
C400	50	54.1	59.5
C400	50	88.1	96.9
PESO TOTAL (kg)			116.4

Volume do concreto (C-25) = 7,00 m³
Área da forma = 125,13 m²

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PROJETO ESTRUTURAL
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AMPLIAÇÃO EM ALVENARIA CEMEI - PINGO DE GENTE
DETALHE VIGAS COBERTURA

RUBENS LUIS ROLANDO SOUZA
ENGENHEIRO CIVIL
CREA RS 88.295/D

001
Revisão Geral
Comentários

Rubens
Autor

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Data

01/50
Folha

06/11
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Unidade: cm