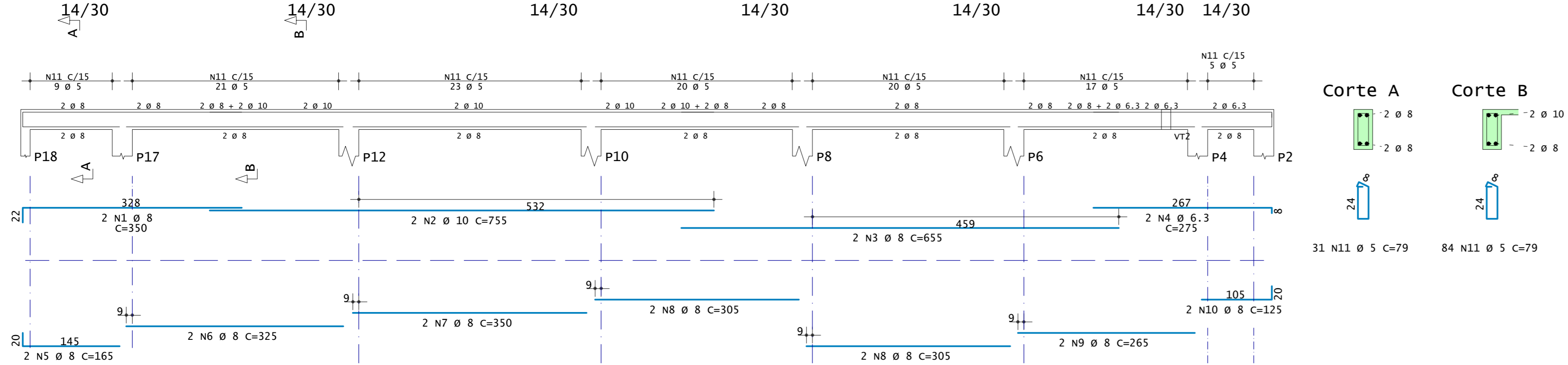
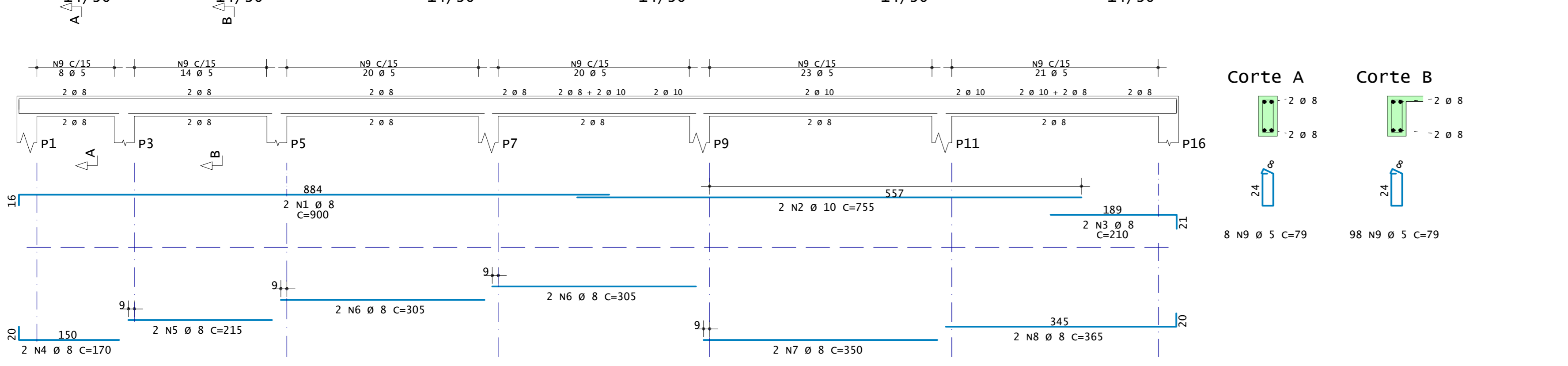


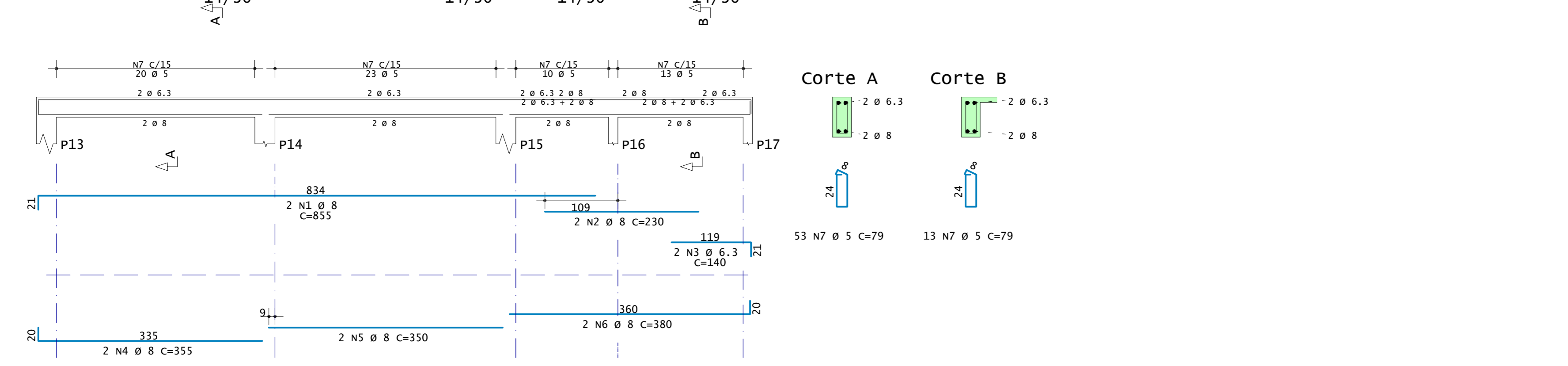
VT5



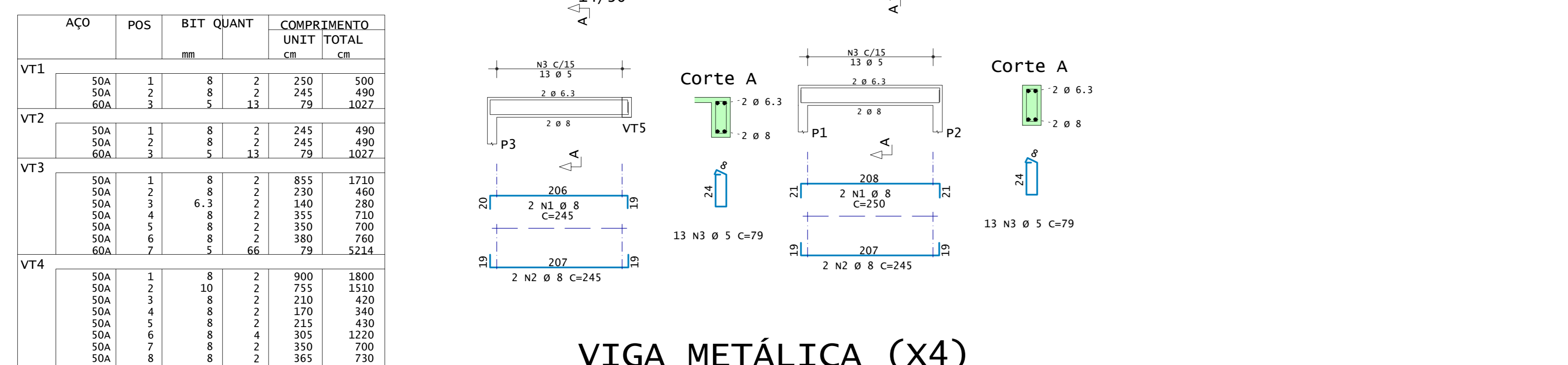
VT4



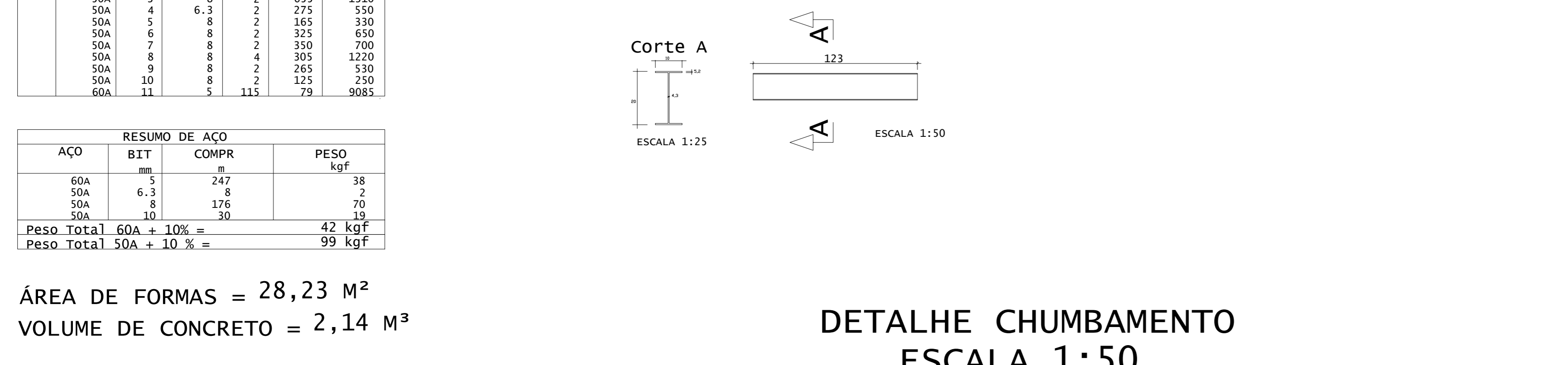
VT3



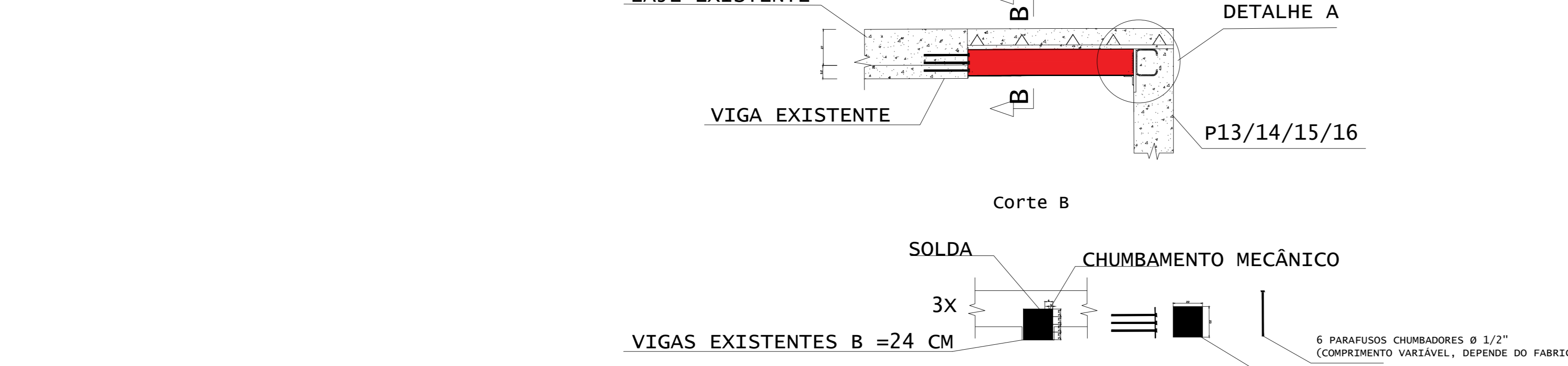
VT2



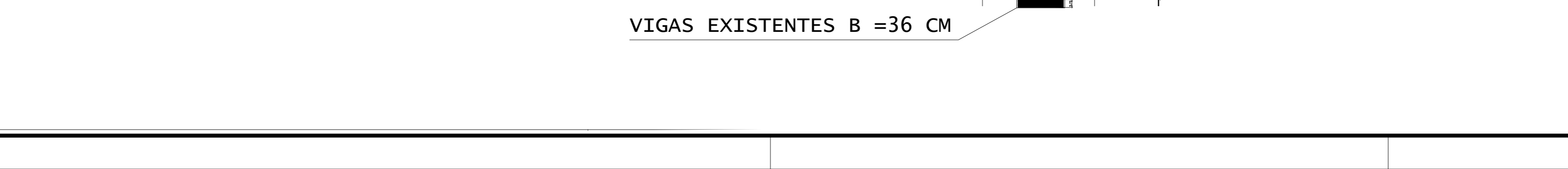
VT1



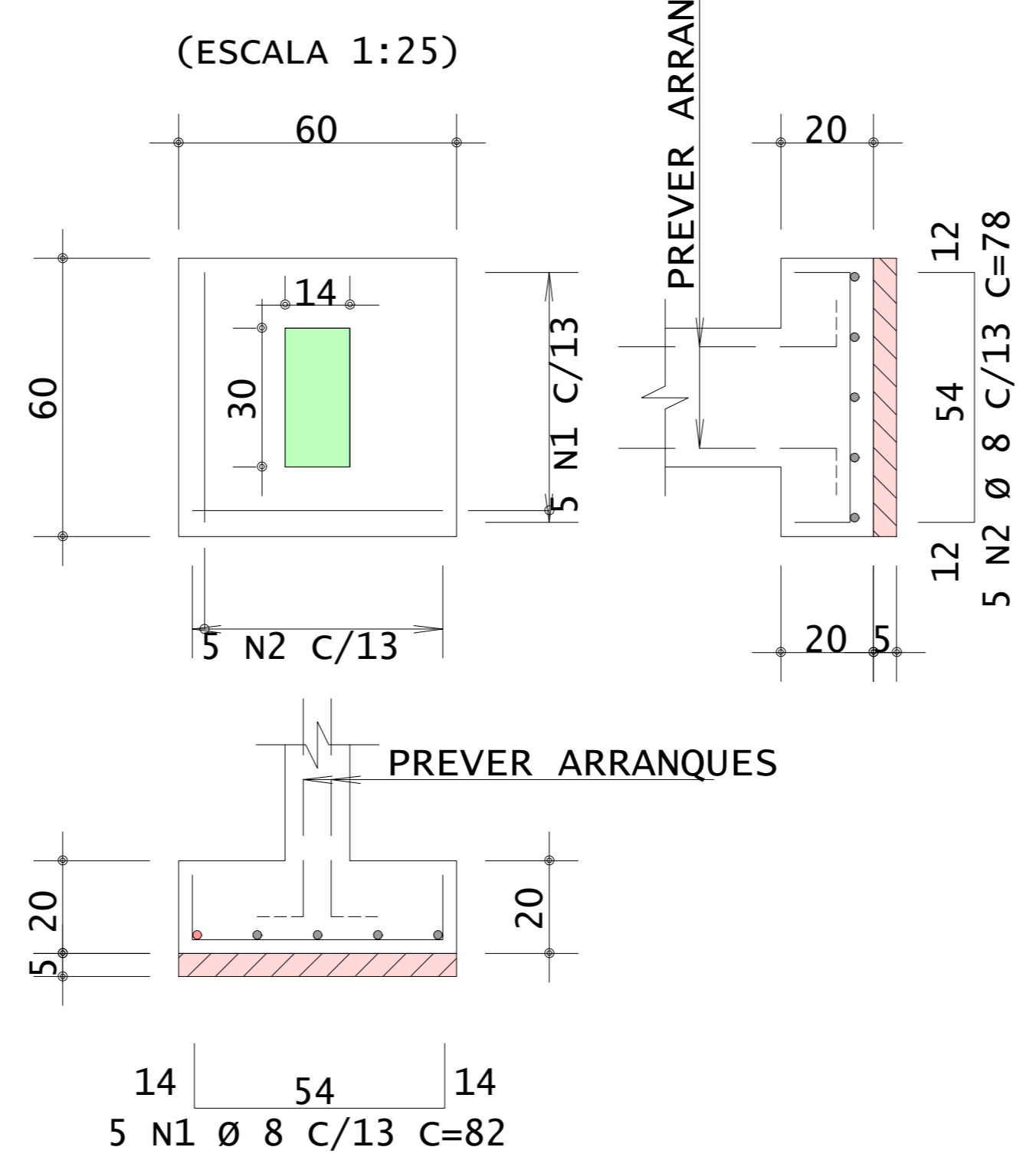
VT6



VT7



S1 A S18

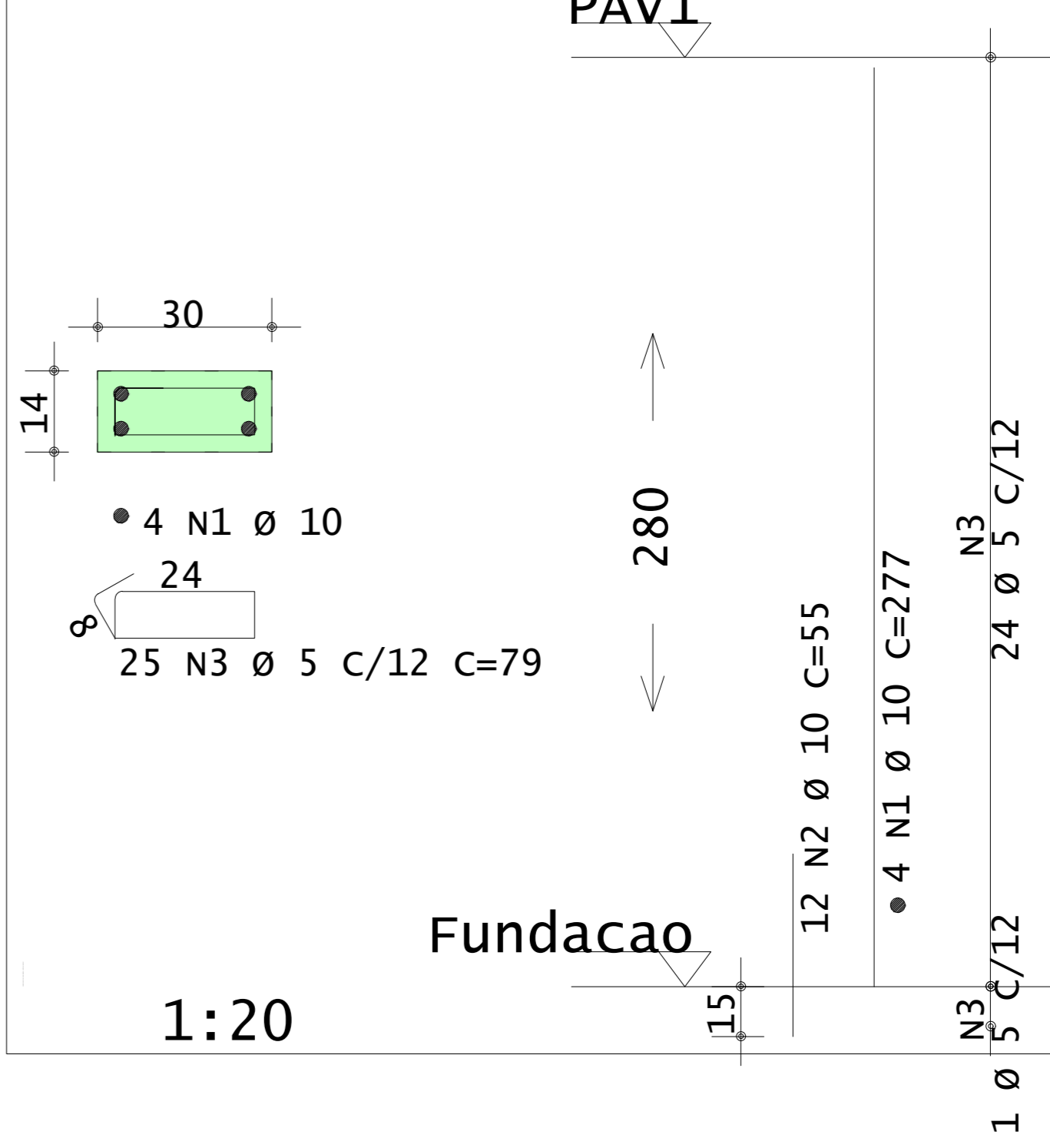


AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
			mm	cm	cm
S1	SOA	1	8	5	82
	SOA	2	8	5	78
S2	SOA	1	8	5	82
	SOA	2	8	5	78
S3	SOA	1	8	5	82
	SOA	2	8	5	78
S4	SOA	1	8	5	82
	SOA	2	8	5	78
S5	SOA	1	8	5	82
	SOA	2	8	5	78
S6	SOA	1	8	5	82
	SOA	2	8	5	78
S7	SOA	1	8	5	82
	SOA	2	8	5	78
S8	SOA	1	8	5	82
	SOA	2	8	5	78
S9	SOA	1	8	5	82
	SOA	2	8	5	78
S10	SOA	1	8	5	82
	SOA	2	8	5	78
S11	SOA	1	8	5	82
	SOA	2	8	5	78
S12	SOA	1	8	5	82
	SOA	2	8	5	78
S13	SOA	1	8	5	82
	SOA	2	8	5	78
S14	SOA	1	8	5	82
	SOA	2	8	5	78
S15	SOA	1	8	5	82
	SOA	2	8	5	78
S16	SOA	1	8	5	82
	SOA	2	8	5	78
S17	SOA	1	8	5	82
	SOA	2	8	5	78
S18	SOA	1	8	5	82
	SOA	2	8	5	78

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
SOA	mm	144	kgf
Peso Total SOA + 10 % =			63 kgf

ÁREA DE FORMAS = 8,64 M²
VOLUME DE CONCRETO = 1,296 M³

P1 ao P18 Lances 1 - 2

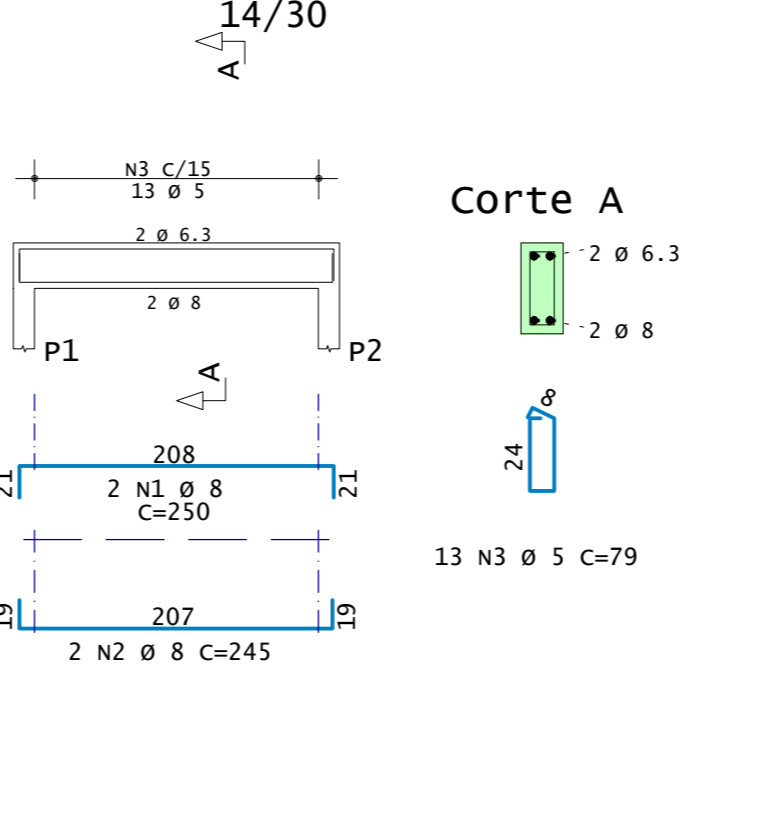


AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
			mm	cm	cm
P1 Lances 1 - 2	SOA	1	10	4	277
	SOA	2	10	12	1108
P2 Lances 1 - 2	SOA	1	10	4	277
	SOA	2	10	12	1108
P3 Lances 1 - 2	SOA	1	10	4	277
	SOA	2	10	12	1108
P4 Lances 1 - 2	SOA	1	10	4	277
	SOA	2	10	12	1108
P5 Lances 1 - 2	SOA	1	10	4	277
	SOA	2	10	12	1108
P6 Lances 1 - 2	SOA	1	10	4	277
	SOA	2	10	12	1108
P7 Lances 1 - 2	SOA	1	10	4	277
	SOA	2	10	12	1108
P8 Lances 1 - 2	SOA	1	10	4	277
	SOA	2	10	12	1108
P9 Lances 1 - 2	SOA	1	10	4	277
	SOA	2	10	12	1108
P10 Lances 1 - 2	SOA	1	10	4	277
	SOA	2	10	12	1108
P11 Lances 1 - 2	SOA	1	10	4	277
	SOA	2	10	12	1108
P12 Lances 1 - 2	SOA	1	10	4	277
	SOA	2	10	12	1108
P13 Lances 1 - 2	SOA	1	10	4	277
	SOA	2	10	12	1108
P14 Lances 1 - 2	SOA	1	10	4	277
	SOA	2	10	12	1108
P15 Lances 1 - 2	SOA	1	10	4	277
	SOA	2	10	12	1108
P16 Lances 1 - 2	SOA	1	10	4	277
	SOA	2	10	12	1108
P17 Lances 1 - 2	SOA	1	10	4	277
	SOA	2	10	12	1108
P18 Lances 1 - 2	SOA	1	10	4	277
	SOA	2	10	12	1108

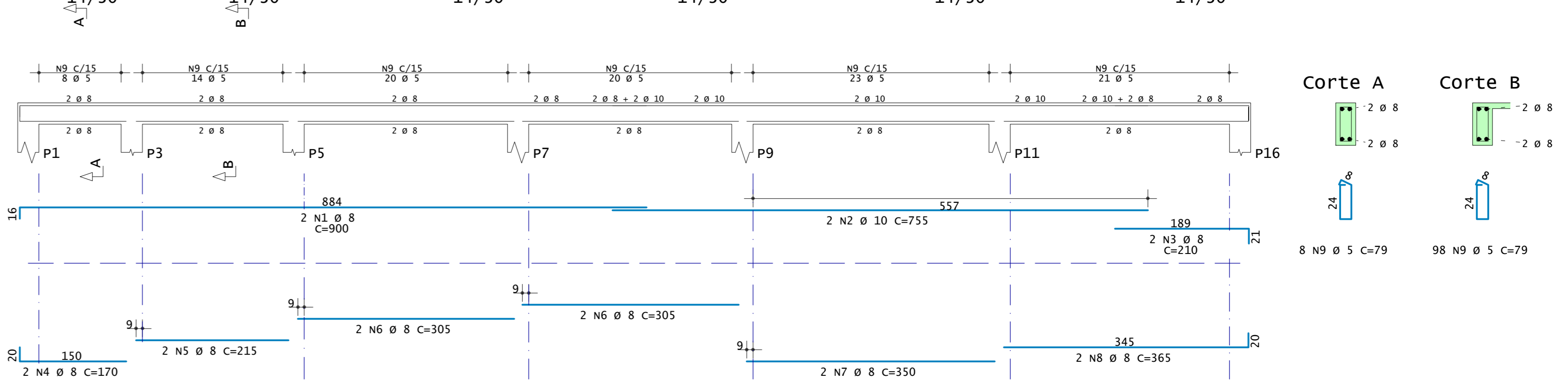
RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
SOA	mm	8	kgf
Peso Total SOA + 10 % =			63 kgf

ÁREA DE FORMAS = 43,41 M²
VOLUME DE CONCRETO = 2.1 M³

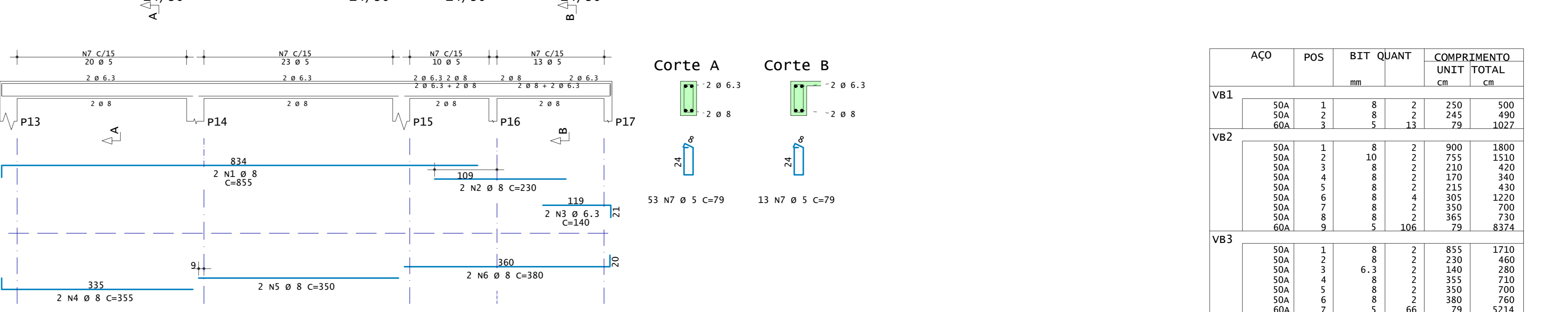
VB1



VB2



VB3



AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
			mm	cm	cm
VB1	SOA	1	8	2	250
	SOA	2	8	2	490
VB2	SOA	1	8	2	250
	SOA	2	8	2	490
VB3	SOA	1	8	2	250
	SOA	2	8	2	490

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
SOA	mm	147	kgf
Peso Total SOA + 10 % =			26 kgf

ÁREA DE FORMAS = 14,87 M²
VOLUME DE CONCRETO = 1,13 M³

DETALHE CHUMBAMENTO
ESCALA 1:50

