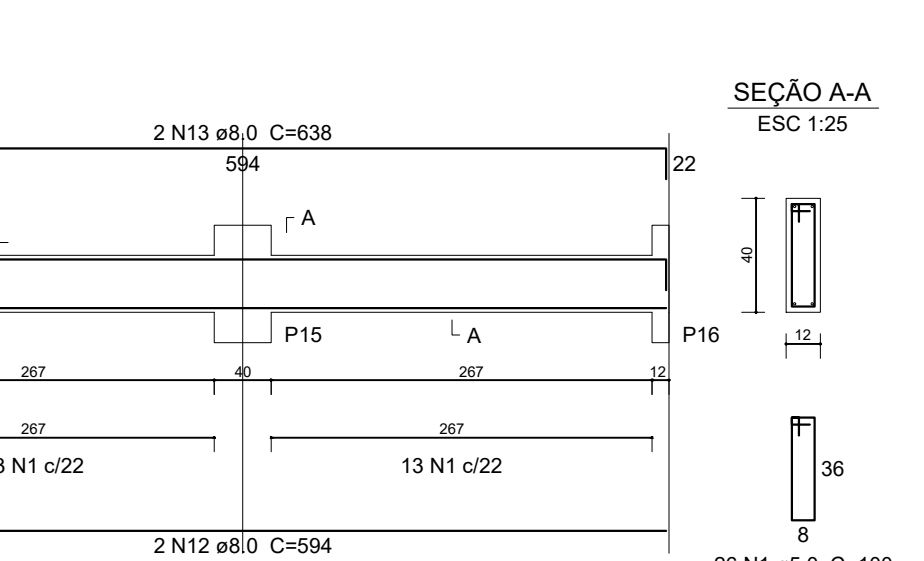
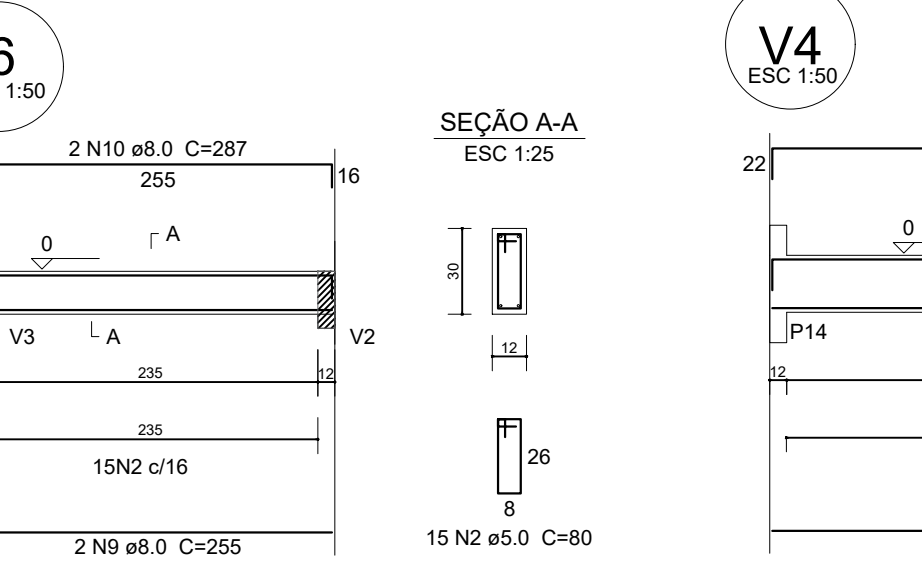
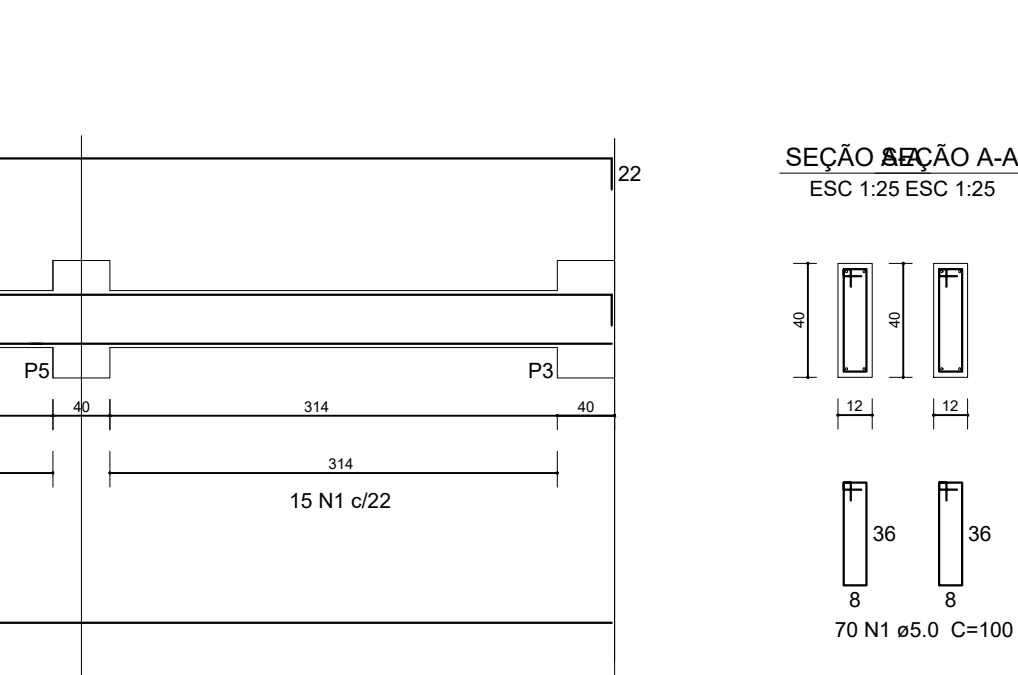
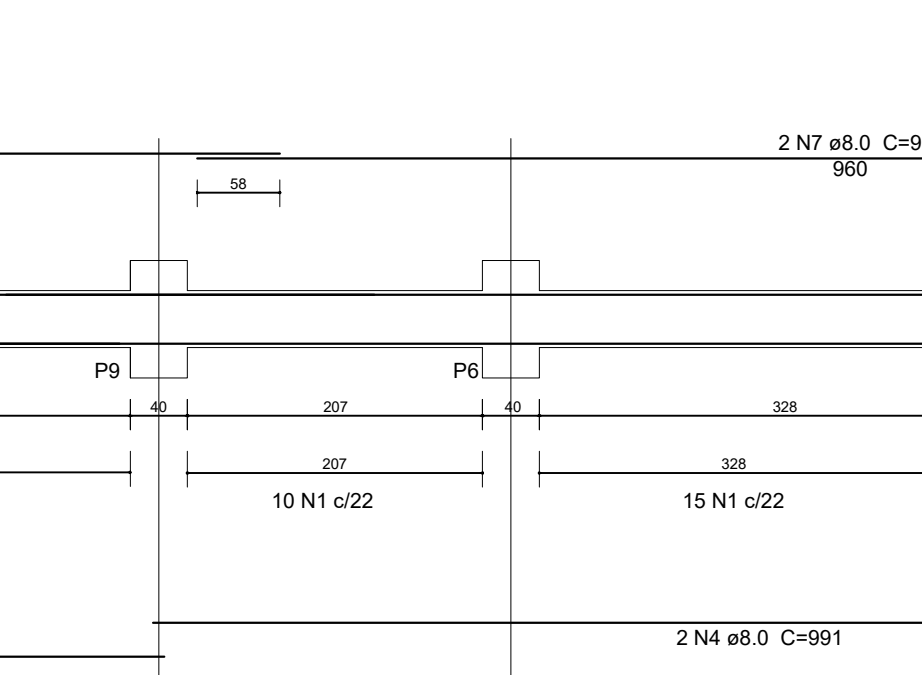
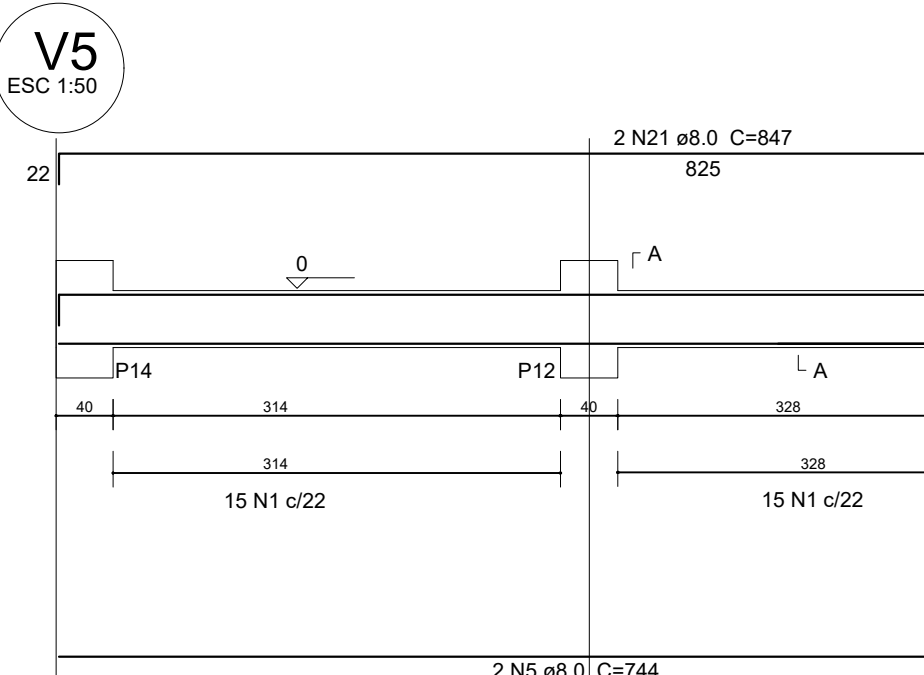
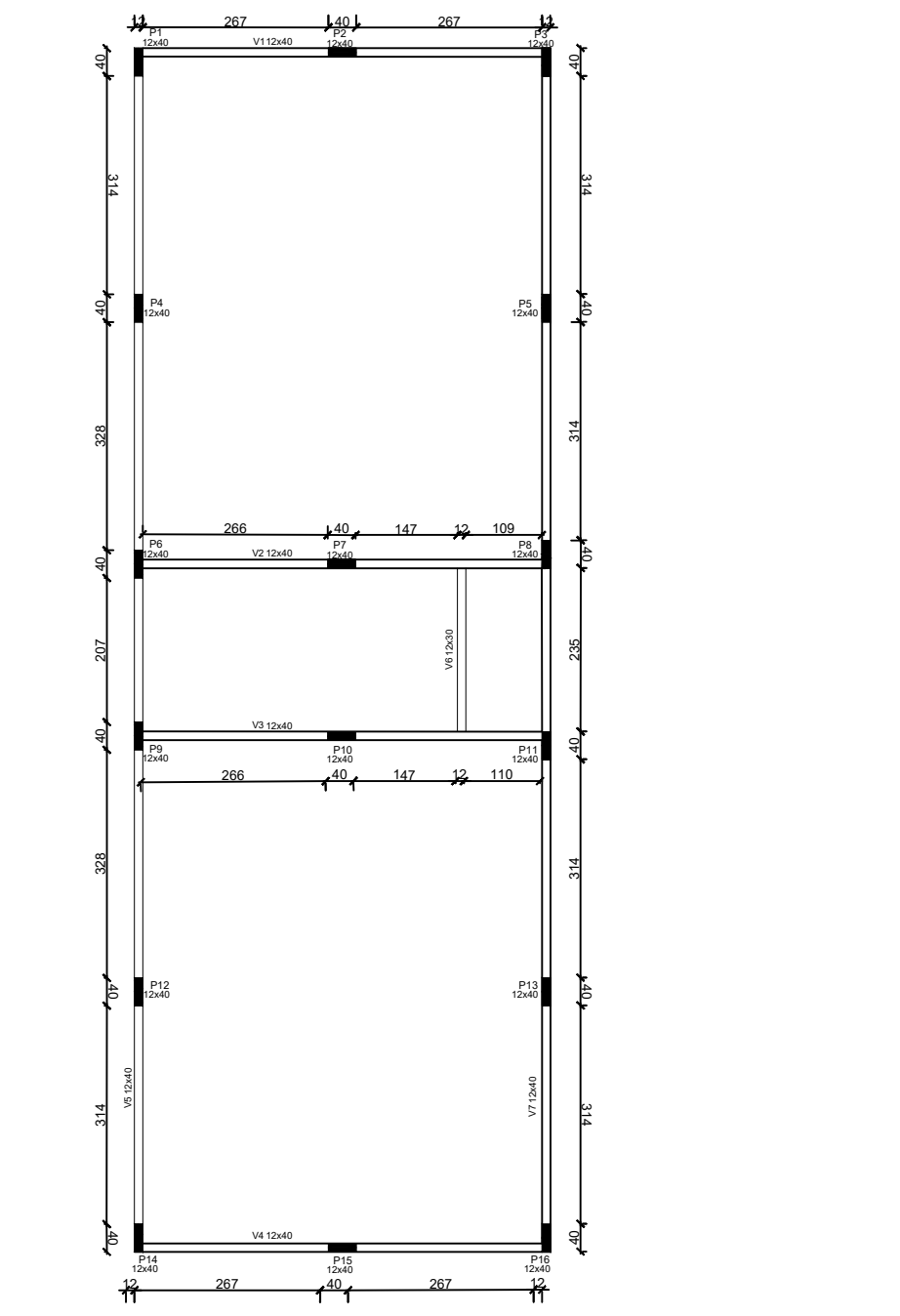
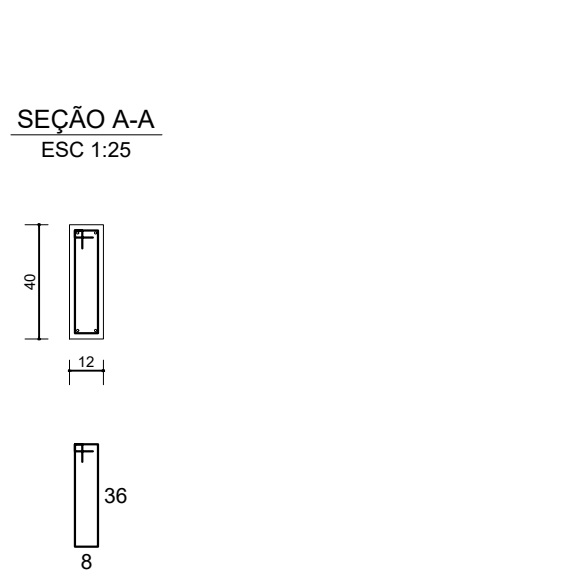
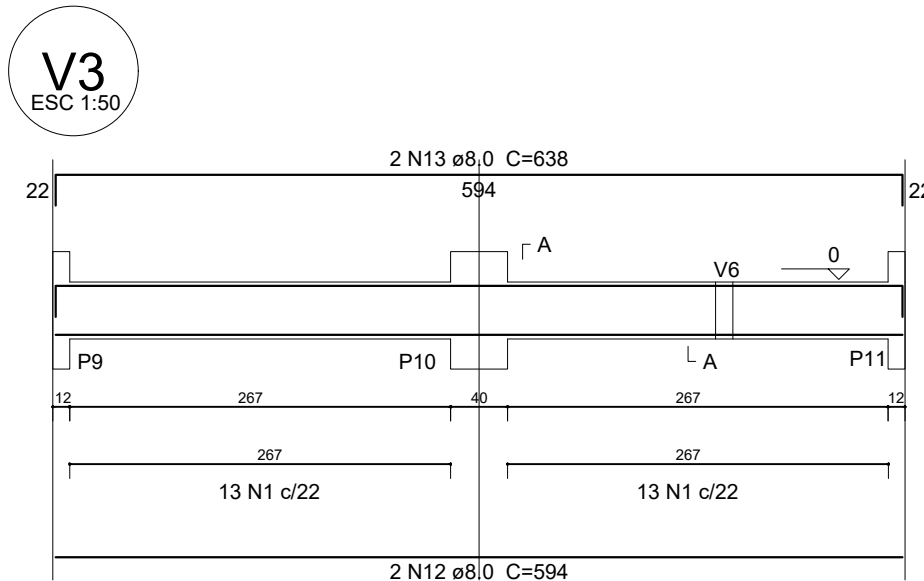
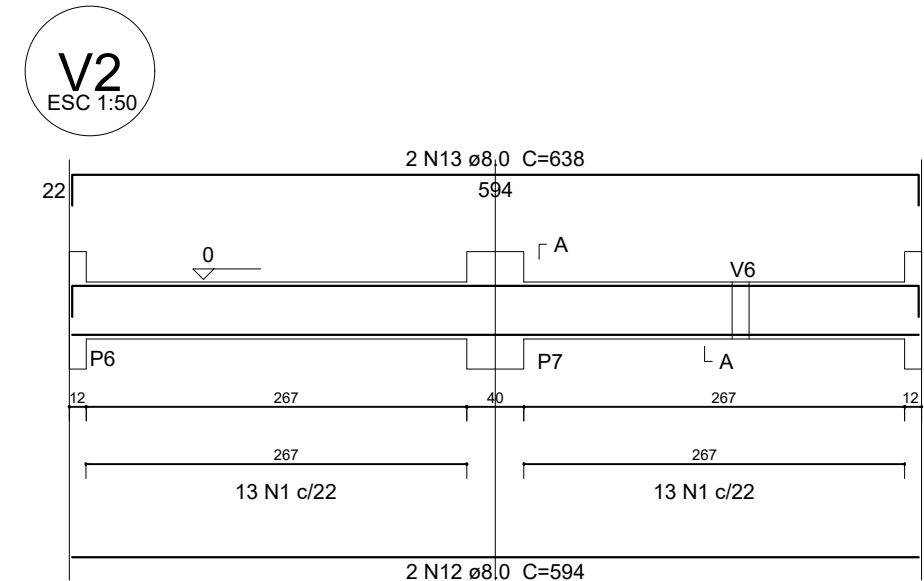
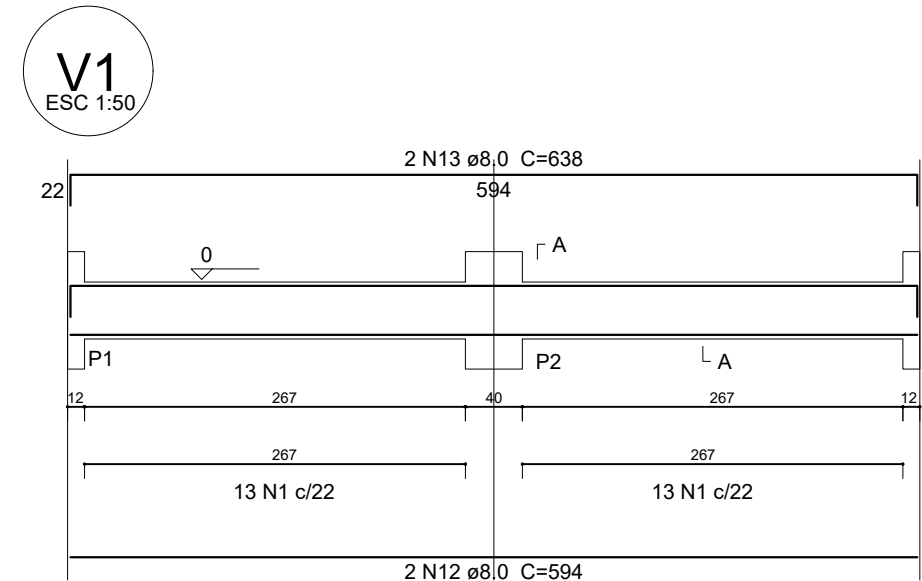
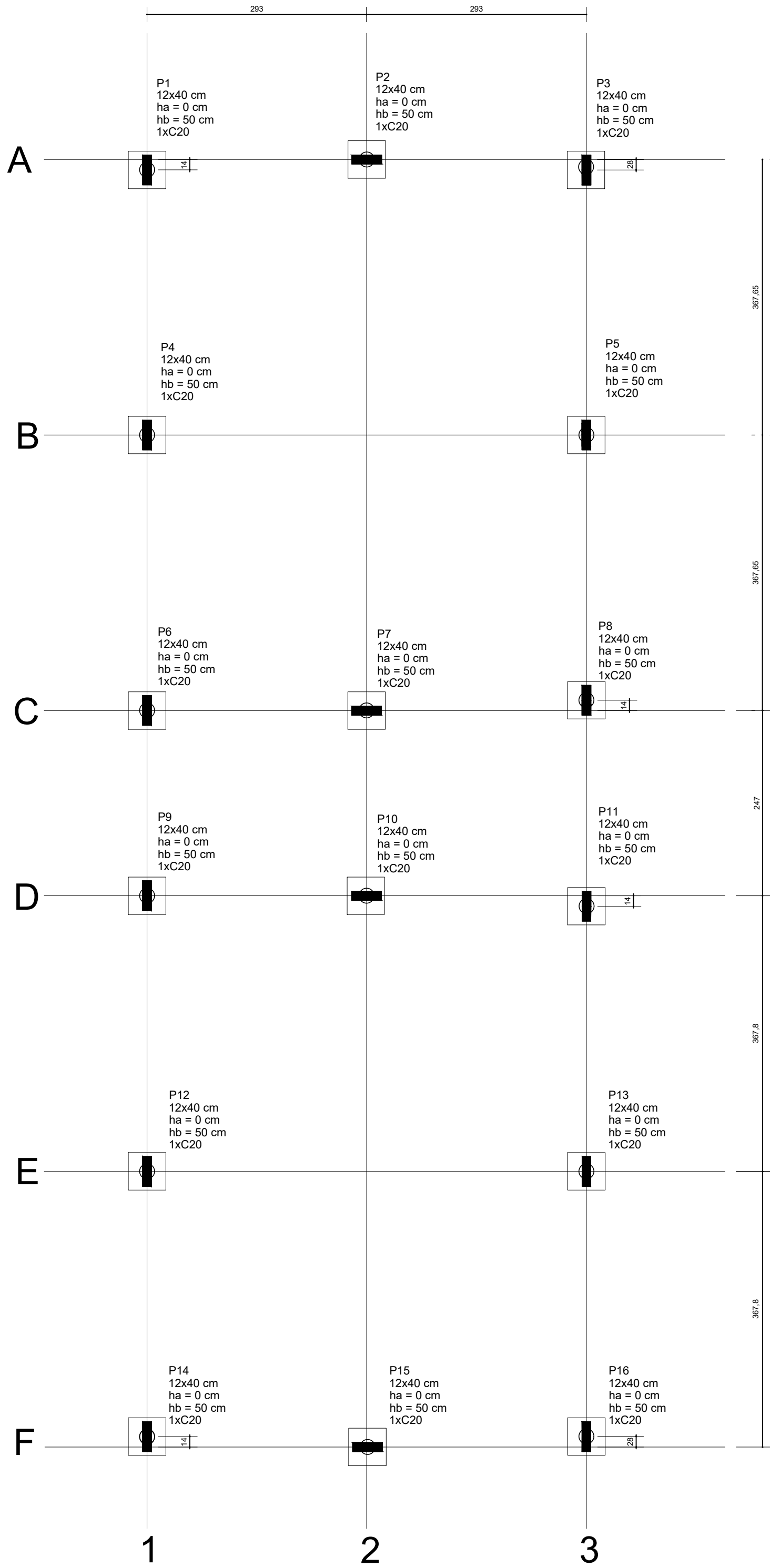




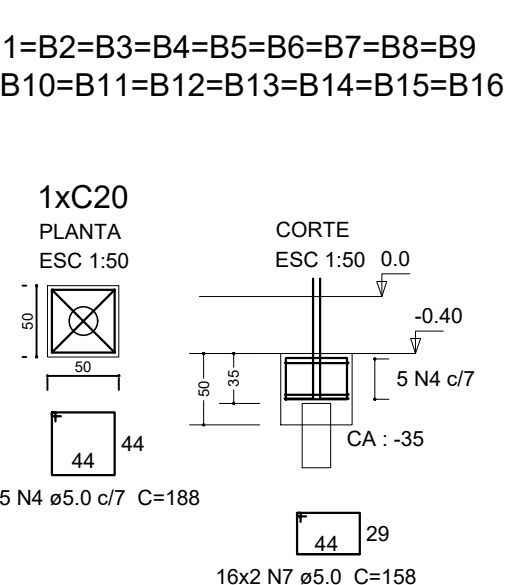
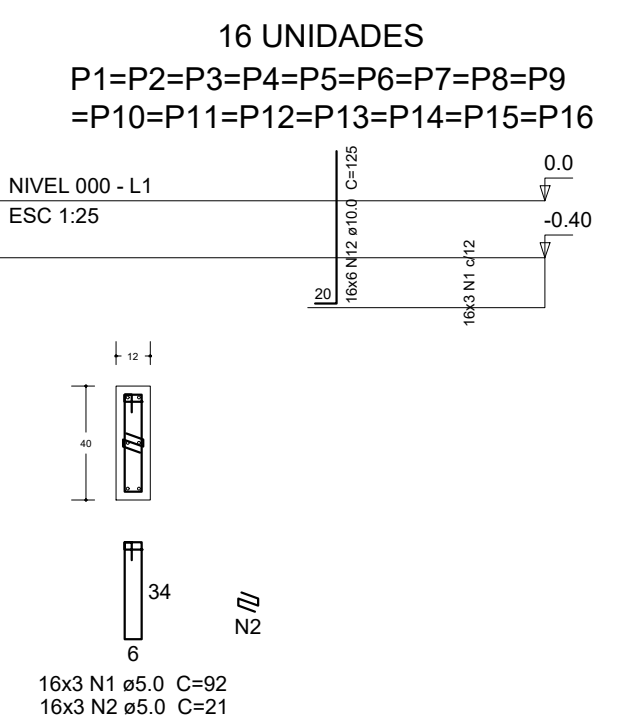
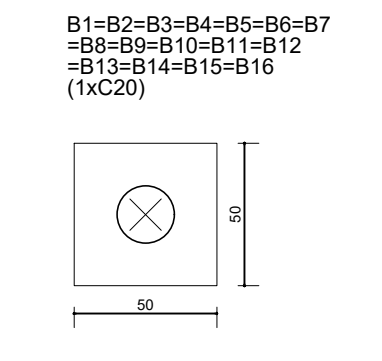
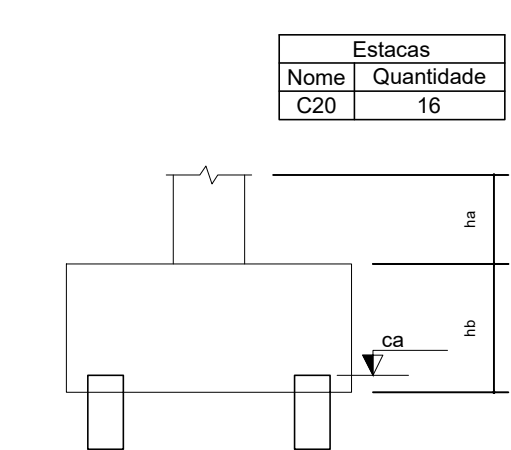
Vigas			
Nome	Seção (cm)	Elevação (cm)	Nível
V1	12x40	0	0
V2	12x40	0	0
V3	12x40	0	0
V4	12x40	0	0
V5	12x40	0	0
V6	12x30	0	0
V7	12x40	0	0

Resumo do aço - VIGAS BALDRAME			
AÇO	DIAM (mm)	C. Total (m)	PESO +10%
CA-60	8,0	239,2	103,93
CA-50	5,0	256,00	43,37

Volume de concreto (C-25)	3,21 m³
Área de forma	42,88 m²
Volume de Escavação	2,85 m³
Lastro de concreto	7,19 m²
Área de Impermeabilização	19,18 m²

1 PLANTA DE LOCAÇÃO

ESCALA 1/50



Relação do Aço- Blocos de Fundação				
Aço	N	DIAM. (mm)	QUANT. (Barras)	C. Total (cm)
CA-60	1	5,0	48	92
	2	5,0	48	21
	4	5,0	80	188
	7	5,0	32	158
CA-50	12	10,0	96	125
	CA-50 10,0			12000,00
	CA-60 5,0			25520,00

Resumo do aço - BLOCOS DE Fundação			
AÇO	DIAM (mm)	C. Total (m)	PESO +10%(kg)
CA-60	10,0	120	81,44
CA-50	5,0	255,20	43,23

Volume de concreto (C-25) = 2,13 m³
Área de forma = 16,00 m²
Volume de Escavação = 2,00 m³
Lastro de concreto = 4,00 m²

Tabela Resumo Aço - VIGAS BALDRAME					
AÇO	N	DIAM (mm)	QUANT (Barras)	comp. Unit(cm)	C. Total (cm)
Viga 1	N1	5,0	26	100	2600
	N12	8,0	2	594	1188
	N13	8,0	2	638	1276
Viga 2	N1	5,0	26	100	2600
	N12	8,0	2	594	1188
	N13	8,0	2	638	1276
Viga 3	N1	5,0	26	100	2600
	N12	8,0	2	594	1188
	N13	8,0	2	638	1276
Viga 4	N1	5,0	26	100	2600
	N12	8,0	2	594	1188
	N13	8,0	2	638	1276
Viga 5	N1	5,0	70	100	7000
	N4	8,0	2	991	1982
	N5	8,0	2	744	1488
Viga 6	N7	8,0	2	982	1964
	N21	8,0	2	847	1694
	N2	5,0	15	80	1200
Viga 7	N9	8,0	2	255	510
	N10	8,0	2	287	574
	N1	5,0	70	100	7000
	N4	8,0	2	991	1982
	N5	8,0	2	744	1488
	N7	8,0	2	982	1964
	N21	8,0	2	847	1694
	CA-50 8,0				23920,00
	CA-60 5,0				25600,00

PROJETO DO ARQUIVO DO FNDE
ALTERAÇÕES DE PROJETO E RESPONSABILIDADE TÉCNICA
ENGENHEIROS: GIL DE ALMEIDA SAINT'YVES E
ATHANASE LEON PAPASPYROU SAINT'YVES
ALEPASY ENGENHARIA E CONSULTORIA LTDA.

ALEPASY
- ENGENHARIA -

TÍTULO:
AMPLIAÇÃO E READEQUAÇÃO DA ESCOLA MUNICIPAL ALTINO DA SILVA LEITE

CONTEÚDO:
PLANTA DE LOCAÇÃO, BLOCOS DE FUNDAÇÃO E VIGAS BALDRAME (NÍVEL 0) - SALAS DE AULA E SUPERVISÃO

ENDEREÇO:
RUA ARACI DA ROCHA SILVA - BAIRRO SÃO GERALDO - INIMUTABA - MG

RESPONSÁVEL TÉCNICO:
ATHANASE LEON PAPASPYROU SAINT'YVES
ENGENHEIRO CIVIL - CREA/MG: 292.433

INDICADAS:
06/07

ÁREA TOTAL CONSTRUÍDA:
1.066,63 m²

EMPRESA:
ALEPASY Engenharia e Consultoria Ltda
RUA MANGABEIRA, 203, COND 202, SANTO ANTONIO, BELO HORIZONTE MG
Rua do Bonfim, 108, Sala 1, Centro, Diamantina/MG

RESPONSÁVEIS TÉCNICOS:
Gil de Almeida Saint'Yves - Engenheiro Civil
CREA/MG: 26.540/D - (38)98822-6901
Athanasios Leon Papaspyrou Saint'Yves
Engenheiro Civil - CREA/MG: 292.433 - (38)98821-0603