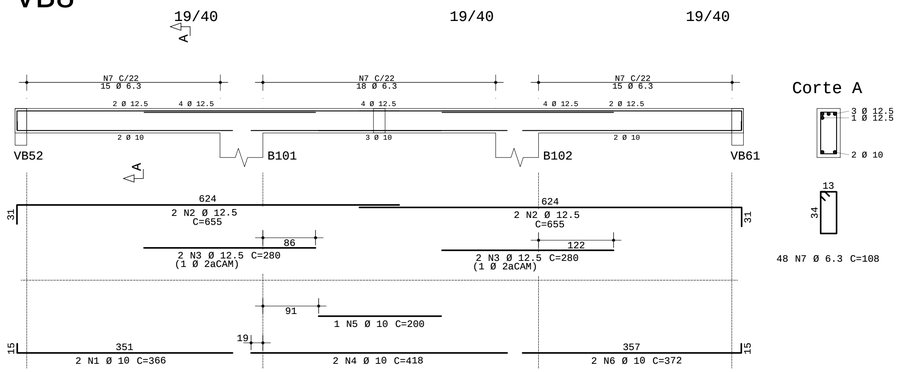
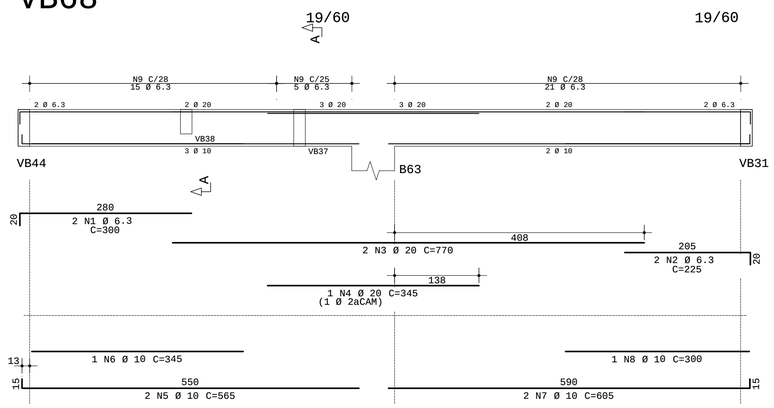
VB8



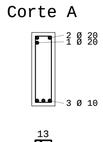
Corte A

48 N7 Ø 6.3 C=108

VB68

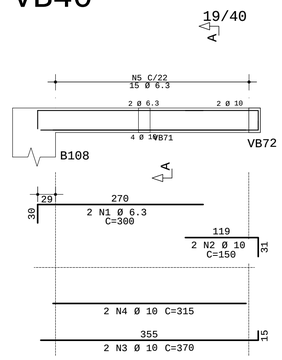


Corte A

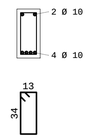


41 N9 Ø 6.3 C=148

VB40

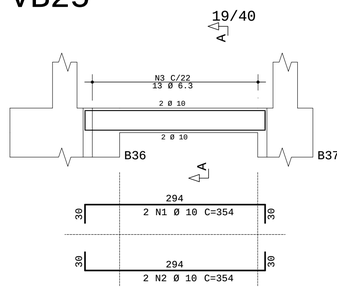


Corte A

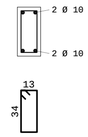


15 N5 Ø 6.3 C=108

VB25



Corte A

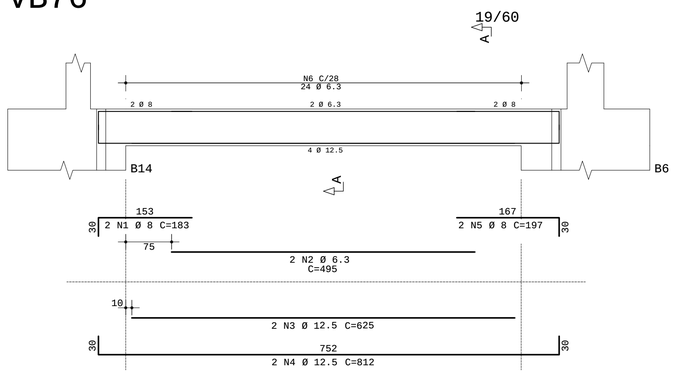


13 N3 Ø 6.3 C=108

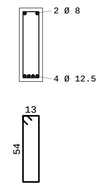
AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
VB8					
50A	1	10	2	366	732
50A	2	12.5	4	655	2620
50A	3	12.5	4	280	1120
50A	4	10	2	418	836
50A	5	10	1	200	200
50A	6	10	2	372	744
50A	7	6.3	48	108	5184
VB25					
50A	1	10	2	354	708
50A	2	10	2	354	708
50A	3	6.3	13	108	1404
VB40					
50A	1	6.3	2	300	600
50A	2	10	2	150	300
50A	3	10	2	370	740
50A	4	10	2	315	630
50A	5	6.3	15	108	1620
VB61					
50A	1	8	2	183	366
50A	2	6.3	2	495	990
50A	3	16	1	525	525
50A	4	16	2	812	1624
50A	5	8	2	197	394
50A	6	6.3	24	148	3552
VB66					
50A	1	8	2	183	366
50A	2	12.5	2	615	1230
50A	3	6.3	2	485	970
50A	4	12.5	2	812	1624
50A	5	8	2	207	414
50A	6	6.3	23	148	3404
VB68					
50A	1	6.3	2	300	600
50A	2	6.3	2	225	450
50A	3	20	2	770	1540
50A	4	20	1	345	345
50A	5	10	2	565	1130
50A	6	10	1	345	345
50A	7	10	2	605	1210
50A	8	10	1	300	300
50A	9	6.3	41	148	6068
VB76					
50A	1	8	2	183	366
50A	2	6.3	2	495	990
50A	3	12.5	2	625	1250
50A	4	12.5	2	812	1624
50A	5	8	2	197	394
50A	6	6.3	24	148	3552
VB80					
50A	1	8	2	183	366
50A	2	6.3	2	495	990
50A	3	12.5	2	625	1250
50A	4	12.5	2	812	1624
50A	5	8	2	197	394
50A	6	6.3	24	148	3552

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
50A	6.3	339	83
50A	8	31	12
50A	10	86	53
50A	12.5	123	119
50A	16	21	34
50A	20	19	46
Peso Total+10%		50A =	382 kgf

VB76

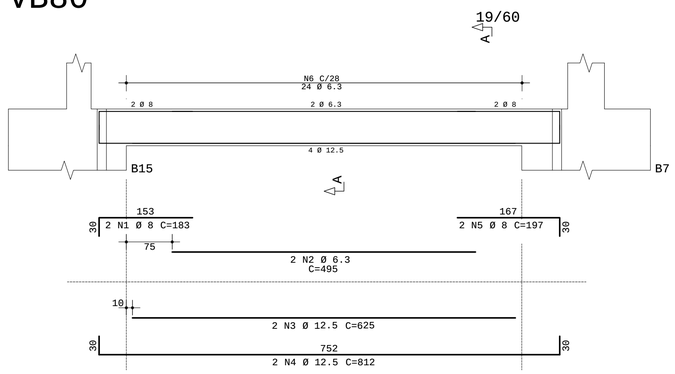


Corte A

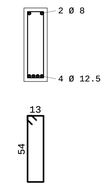


24 N6 Ø 6.3 C=148

VB80

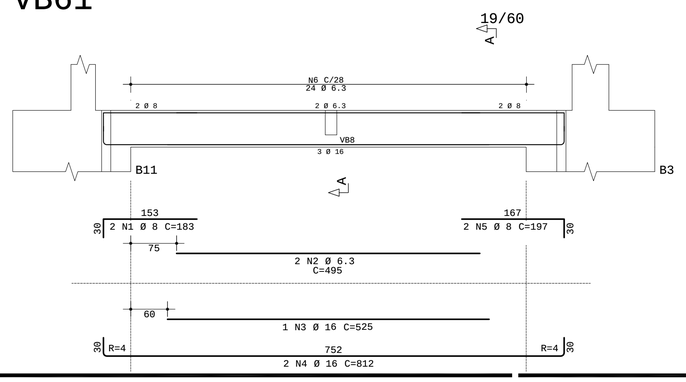


Corte A

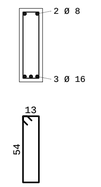


24 N6 Ø 6.3 C=148

VB61

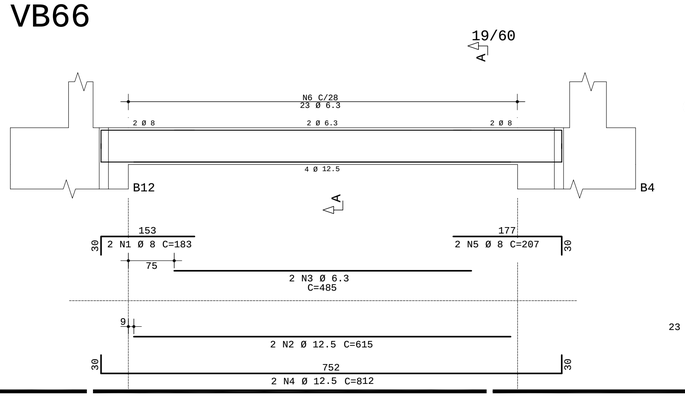


Corte A

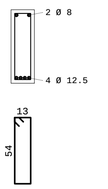


24 N6 Ø 6.3 C=148

VB66



Corte A



23 N6 Ø 6.3 C=148

FONTE / DADOS DE BASE

CDHU

ENG. FERNANDO AREVALILLO LLATA	SUP. PROJETOS	
ARQ°. ANA MARIA ANTUNES COELHO	GERENTE	
ARQ. LUIZ GUSTAVO DELLA NOCE	LÍDER	
ARQ. ALBERTO BUNDUKI	GESTOR	RRT SI10439392100

APOIO CDHU

JHE		
ENG. LUIZ ROBERTO GUIMARÃES	COORDENADOR	ART 28027230210176583
JHE + GEPRO		
ENG. GERRIVAN DE OLIVEIRA	DESENVOLVIMENTO	ART 28027230211455797

LEGENDA / NOTAS

NOTAS :

1 - MEDIDAS EM CENTÍMETRO, NÍVEIS EM METRO
2 - CARACTERÍSTICAS DO CONCRETO ESTRUTURAL:
CONCRETO MOLDADO IN LOCO - fck≥ 30 MPa Ecs ≥26,1 GPa;
3 - CONFIRMAR MEDIDAS NA OBRA;
4 - COBRIMENTO = 3 CM.

REVISÕES (DISCRIMINAÇÃO)	Nº	DATA	RUBRICA

CDHU Companhia de Desenvolvimento Habitacional e Urbano

Rua Boa Vista,170 . São Paulo . Tel.2505.2000 . CNPJ 47.865.597/0001-09

CONTRATO
SECRETARIA DE DESENVOLVIMENTO ECONÔMICO

PROJETO
SDE_074-ETEC JOSÉ MARTIMIANO DA SILVA
REFORMA E AMPLIAÇÃO

ENDEREÇO / MUNICÍPIO
R. Tamandaré,520-Campos Elíseos-Ribeirão Preto

DISCIPLINA: ESTRUTURA | AREA: EST | FOLHA: 207/254

ASSUNTO
ESTRUTURA DE CONCRETO
PROJETO EXECUTIVO
ARMAÇÃO DOS BALDRAMES 1/11
BLOCO PEDAGOGICO

ESCALA GRÁFICA: 0 1 2 3 (m) | ESCALA NOMINAL: 1:50 | DATA: OUT/2021

ESPAÇO PARA APROVAÇÃO

CÓDIGO CDHU EMPREENDIMENTO

Projeto					Região		Município		Versão	Etapa do Projeto	
0	0	0	6	5	0	6	1	3	0	P	E