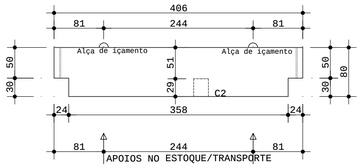
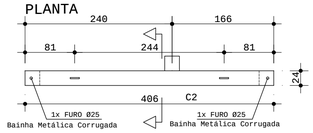
VP3

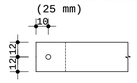
ELEVAÇÃO



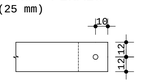
PLANTA



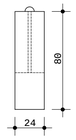
FUROS INICIAIS (25 mm)



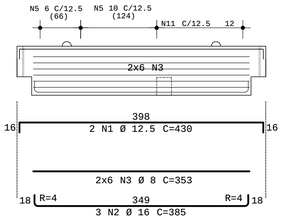
FUROS FINAIS (25 mm)



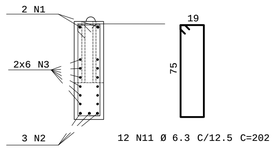
SEÇÃO



VP3



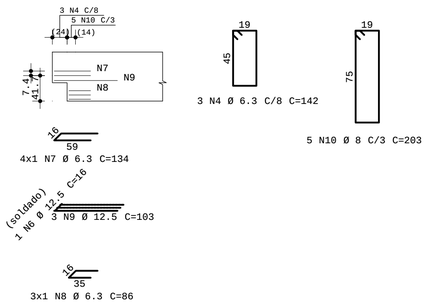
Pavimento	Quant	Volume unit	Volume total	Peso unit	Peso total
Mezanino(1x)	1	0.744	0.744	1.86	1.86
TOTAIS	1		0.744		1.86



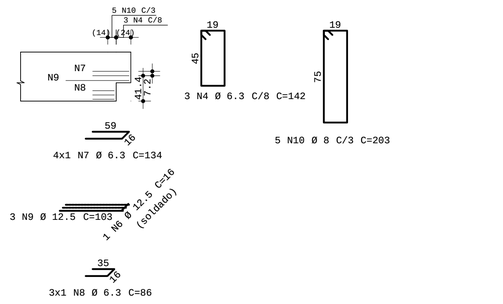
AÇO	POS	BIT mm	QUANT	COMPRIMENTO UNIT cm	COMPRIMENTO TOTAL cm
VP3					
50A	1	12.5	2	430	860
50A	2	16	3	385	1155
50A	3	8	12	353	4236
50A	4	6.3	6	142	852
50A	5	6.3	16	260	4160
50A	6	12.5	2	16	32
50A	7	6.3	8	134	1072
50A	8	6.3	6	86	516
50A	9	12.5	6	103	618
50A	10	8	10	203	2030
50A	11	6.3	12	202	2424

RESUMO DE AÇO			
AÇO	BIT mm	COMPR m	PESO kgf
50A	6.3	90	22
50A	8	63	25
50A	12.5	15	15
50A	16	12	18
Peso Total+10%		50A =	88 kgf

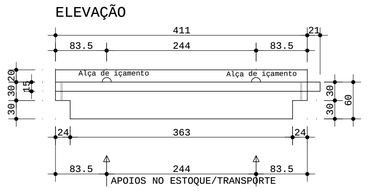
DETALHE INICIAL



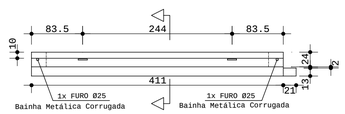
DETALHE FINAL



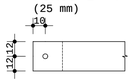
VP4



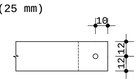
PLANTA



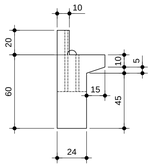
FUROS INICIAIS (25 mm)



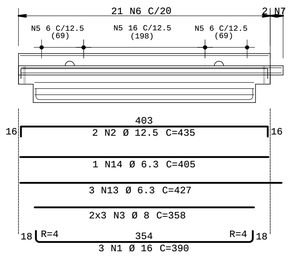
FUROS FINAIS (25 mm)



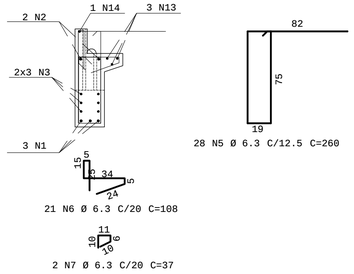
SEÇÃO



VP4



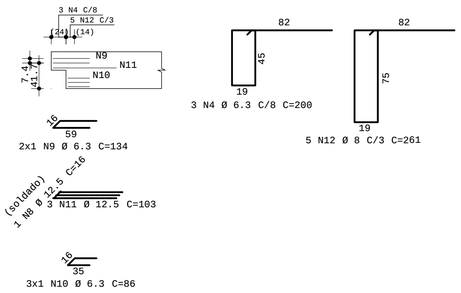
Pavimento	Quant	Volume unit	Volume total	Peso unit	Peso total
Mezanino(1x)	2	0.744	1.488	1.86	3.72
TOTAIS	2		1.488		3.72



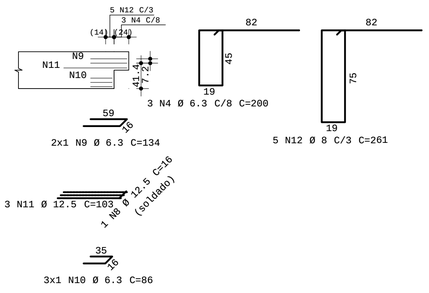
AÇO	POS	BIT mm	QUANT	COMPRIMENTO UNIT cm	COMPRIMENTO TOTAL cm
VP4 (X2)					
50A	1	16	6	390	2340
50A	2	12.5	4	435	1740
50A	3	8	12	358	4296
50A	4	6.3	12	200	2400
50A	5	6.3	56	260	14560
50A	6	6.3	42	108	4536
50A	7	6.3	4	37	148
50A	8	12.5	4	16	64
50A	9	6.3	8	134	1072
50A	10	6.3	12	86	1032
50A	11	12.5	12	103	1236
50A	12	8	20	261	5220
50A	13	6.3	6	427	2562
50A	14	6.3	2	405	810

RESUMO DE AÇO			
AÇO	BIT mm	COMPR m	PESO kgf
50A	6.3	271	66
50A	8	95	38
50A	12.5	30	29
50A	16	23	37
Peso Total+10%		50A =	187 kgf

DETALHE INICIAL



DETALHE FINAL



FONTE / DADOS DE BASE

CDHU

ENG. FERNANDO AREVALILLO LLATA	SUP. PROJETOS	
ARQ^a. 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 MILÍMETRO, NÍVEIS EM METRO
2 - CARACTERÍSTICAS DO CONCRETO ESTRUTURAL (CAA II):
VIGAS PRÉ FABRICADAS - fck≥ 40 MPa Ecs ≥30,1 GPa;
PILARES PRÉ FABRICADOS - fck≥ 40 MPa Ecs ≥30,1 GPa;
CONCRETO MOLDADO IN LOCO - fck≥ 30 MPa Ecs ≥26,1 GPa;
3- EXECUTAR O GRAUTEAMENTO DA INTERFACE DAS VIGAS, PILARES E LAJES ALVEOLARES COM O MATERIAL:
GRAUTE:
– fgk ≥ 40 MPa.
– ISENTO DE RETRAÇÃO.
– FLUIDEZ ADEQUADA PARA PERFEITO PREENCHIMENTO DO VÃO ENTRE OS ELEMENTOS.
4- ELASTÔMERO SIMPLES e=10mm, DUREZA 70 SHORE-A.
5 - COBRIMENTO = 2,5 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

ÁREA
EST

FOLHA
418/423

ASSUNTO
ESTRUTURA DE CONCRETO
PROJETO EXECUTIVO
ARMAÇÃO DAS VIGAS PRÉ–MOLDADAS 3/7
BLOCO ESPORTIVO

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