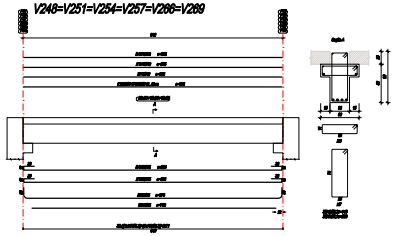
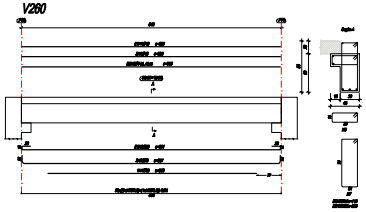
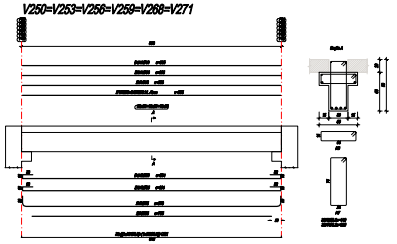
V246=V251=V254=V257=V266=V269



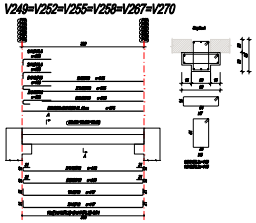
V260



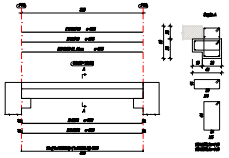
V250=V253=V256=V259=V268=V271



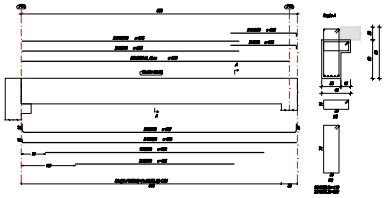
V249=V252=V255=V258=V267=V270



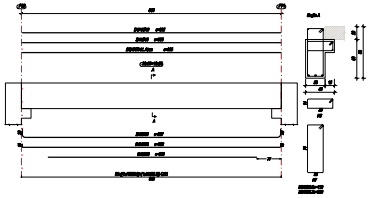
V261



V265



V263



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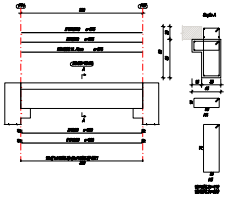

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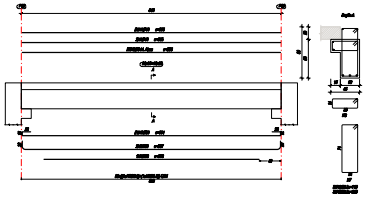

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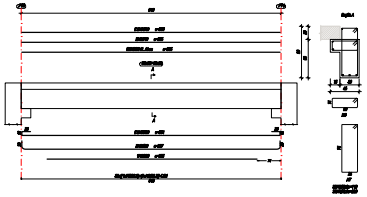

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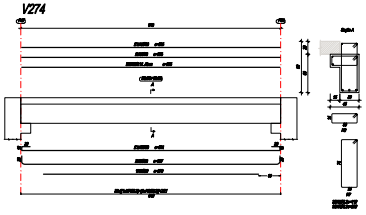

Resumo Aço	Comp. total (m)	Peso (kg)	Total
CA-50	63	2342	1717
	63.3	1520	1370
	80	1824	1824
	8.16	2203	1984
	12.5	2222	2222
	6.75	152	456
	8.09	3.4	1.61
	4.05	3.19	0.8

VIDE NOTA FOLHA 02 e16

PROJETO DE PROPRIEDADE INTELECTUAL DO Eng.º MÁRCIO HELICAL COM DIREITOS RESERVADOS E RESERVADOS
NO CASO DE SUA PUBLICAÇÃO A REPRODUÇÃO TOTAL OU PARCIAL SEM AUTORIZAÇÃO DO AUTOR.

REVISÃO	DATA	DESCRIÇÃO	APROVAÇÃO
04	-/-/-	-/-	
03	-/-/-	-/-	
02	-/-/-	-/-	
01	00/00/00	EMISSÃO	
00	00/00/00	LIBERAÇÃO INICIAL	

HELICAL
Eng.º Márcio Sutzbach
A.R.T. 28928060054008

PROJETO: ESTRUTURA
RESPONSÁVEL: MÁRCIO
ARQUIVO: M023_.dwg

OBRA: EFETI - PEDRO DE ALCÂNTARA
ENDEREÇO: URBAM - URBANIZADORA MUNICIPAL
Av. Adhemar José de Oliveira, 7891 - Conj. Res. Dom Pedro I, São José dos Campos – SP, 12233-700

ESTRUTURAS - CONCRETO ARMADO / PRÉMOLDADO
ARMAÇÃO DE VIGAS - COBERTURA (+8,27) (2 / 2)

Indicadas
M023
S25