



NOTA:

1. TODAS AS MEDIDAS ESTÃO EM METRO, EXCETO ONDE INDICADO.

Quantidade de Aço						Área de Superfície	
Referencia	Tipo	Seção	Peso/Metro	Comprimen to	Peso Total	Tipo	Área
Banzo Superior	W200X41.7	W	41,7	20,80	867,36	W200X41.7	21,07 m²
Banzo Inferior	W200X41.7	W	41,7	21,00	875,70	W200X41.7	21,07 m²
Montante	W200X41.7	W	41,7	2,47	103,19	W200X41.7	2,62 m²
Montante	W200X41.7	W	41,7	2,47	103,19	W200X41.7	2,62 m²
Diagonal	W150X22.5	W	22,5	3,54	79,55	W150X22.5	2,21 m²
Diagonal	W150X22.5	W	22,5	3,54	79,55	W150X22.5	2,46 m²
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Diagonal	W150X22.5						



SubTotal Perfis:	7.850,44 kg	Total:	217,83m²
SubTotal Soldas e Ligações:	1.177,57 kg		
Total:	9.028,01 kg		



Item	Comp. (m)	Larg. (m)	Altura (m)	Área (m²)
laje	20	3,3	0,2	66

Item	Quant. (un)	Comp. (m)	Total
Junta de Dilatação	2	3,3	6,6

## LISTA DE MATERIAIS

REPRES. GRÁFICA	ESPECIFICAÇÃO	ÁREA	MATERIAL
	Alambrado	82,75m²	Tela de arame galvanizado (fio 10) malha quadrangular (2
	Corrimão simples	20,00 x 4= 80,00m	Aço galvanizado

 <p>FUNDAÇÃO PARA O DESENVOLVIMENTO TECNOLÓGICO DA ENGENHARIA</p>			 <p>MUNICÍPIO DE HORTOLÂNDIA</p>		<p>Administração  <b>Ângelo Perugini</b>  2017-2020</p>	
<p>Projetista:</p> <p>FUNDAÇÃO PARA O DESENVOLVIMENTO TECNOLÓGICO DA ENGENHARIA</p>			<p>Obras: COMPLEMENTAÇÃO DA DUPLICAÇÃO DA AV. THEREZA ANA CECON BREDAS ATÉ A DIVISÃO COM O MUNICÍPIO DE SUMARÉ</p>			
			<p>Local: AV. THEREZA ANA CECON BREDAS</p>		<p>Nº Contrato: 297/2019</p>	
<p>Coordenador do Projeto:</p> <p><b>Antônio C. Fonseca</b></p>			<p>RRT/ART: 28027230191006499</p> <p>CAUC/REA 0600420948-SP</p>		<p>Viado:</p>	
			<p>Título: ESTUDO E PROJETO OBRA DE ARTE ESPECIAL - CORTE E DETALHE</p>		<p>Código DE-PB-ET2-09-OAE-005</p>	
			<p>SECRETARIA MUNICIPAL DE OBRAS</p> <p>DEPARTAMENTO DE PROJETOS - APROVAÇÃO</p> <p>COMISSÃO ADMINISTRATIVA</p>		<p>Data: 11/2019</p> <p>Revisão: 1</p>	
			<p>SECRETARIA MUNICIPAL DE OBRAS</p> <p>DEPARTAMENTO DE OBRAS - APROVAÇÃO</p> <p>COMISSÃO ADMINISTRATIVA</p>		<p>Escala:</p>	
<p>Elaboração:</p> <p><b>Eng. Márcio Roberto Tonetti</b></p>			<p>RRT/ART: 280272301910044209</p> <p>CAUC/REA 5060449378-SP</p>		<p>Viado:</p>	
			<p>SECRETARIA DE MOBILIDADE URBANA</p> <p>DEPARTAMENTO DE PROJETOS - APROVAÇÃO</p> <p>COMISSÃO ADMINISTRATIVA</p>		<p>IND. 05/07</p>	