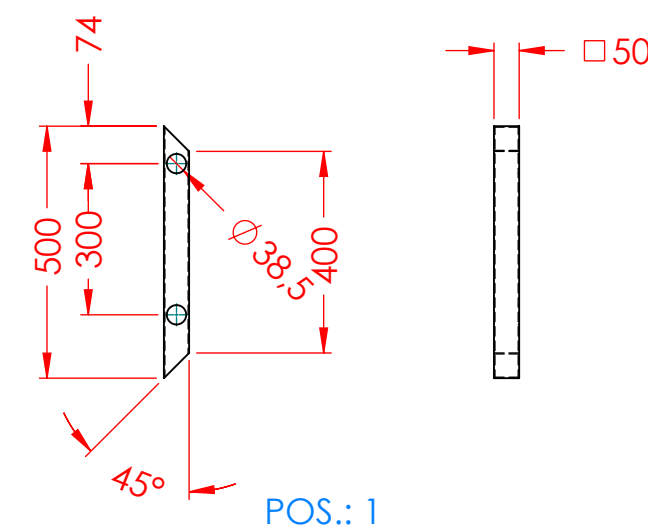
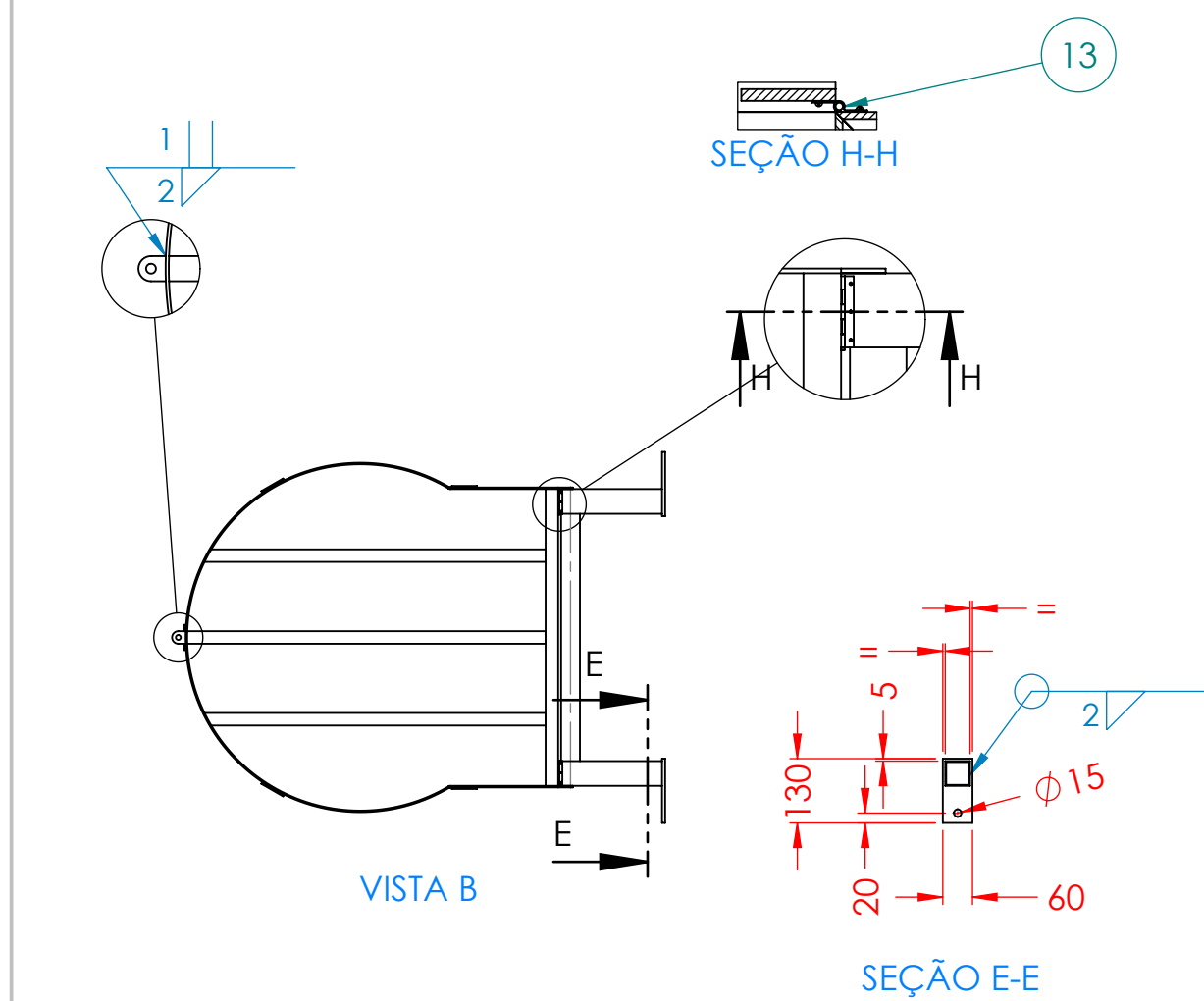
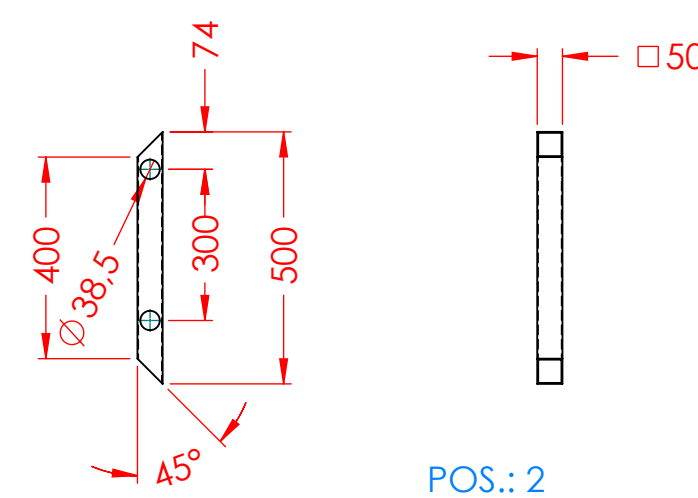


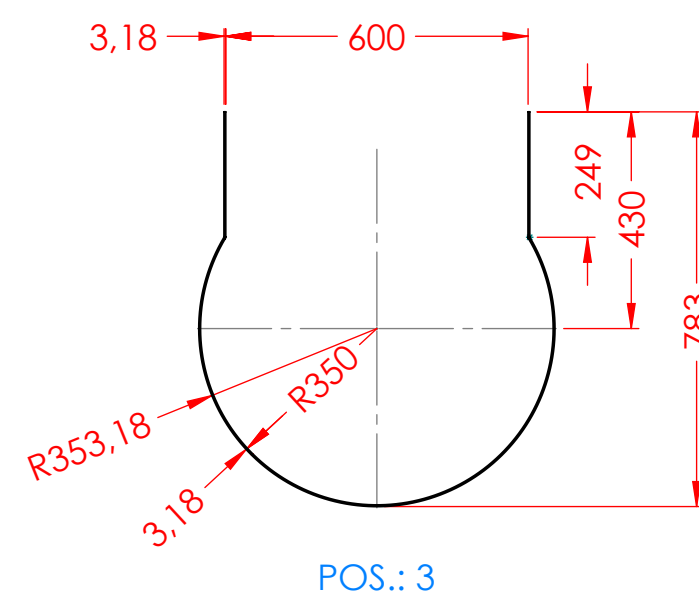
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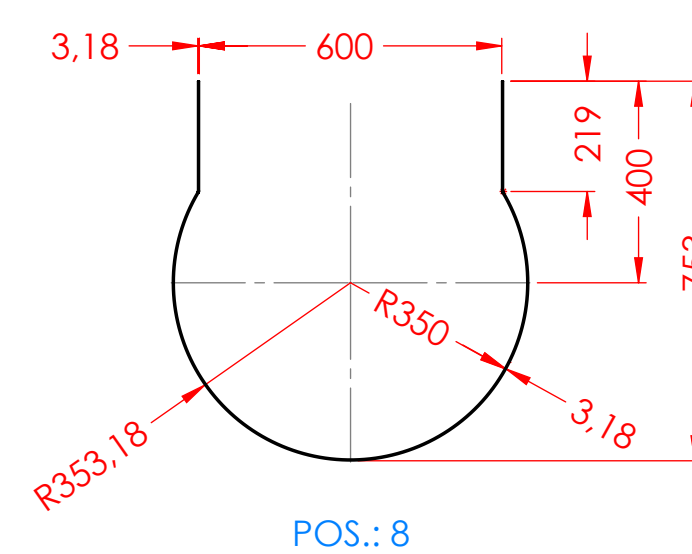
POS.: 1



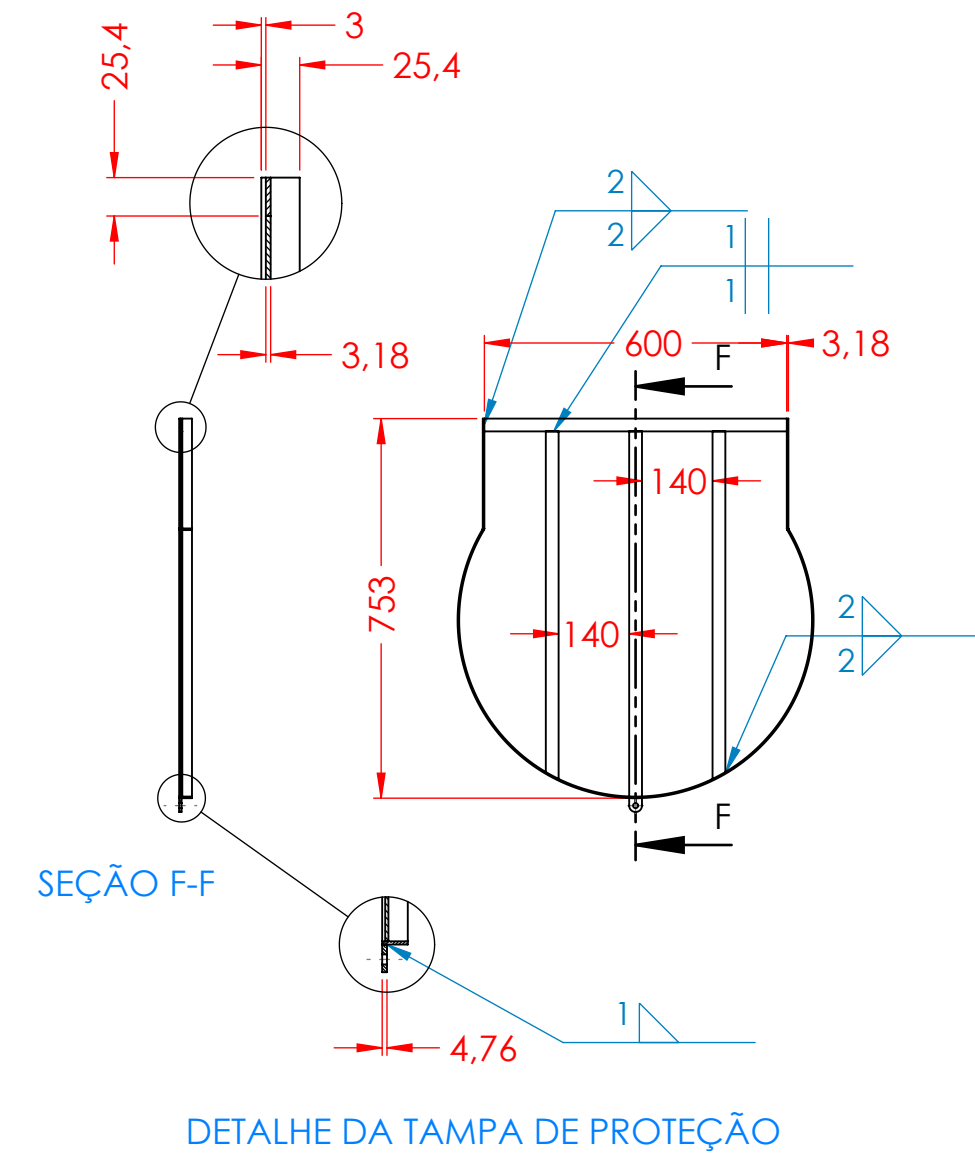
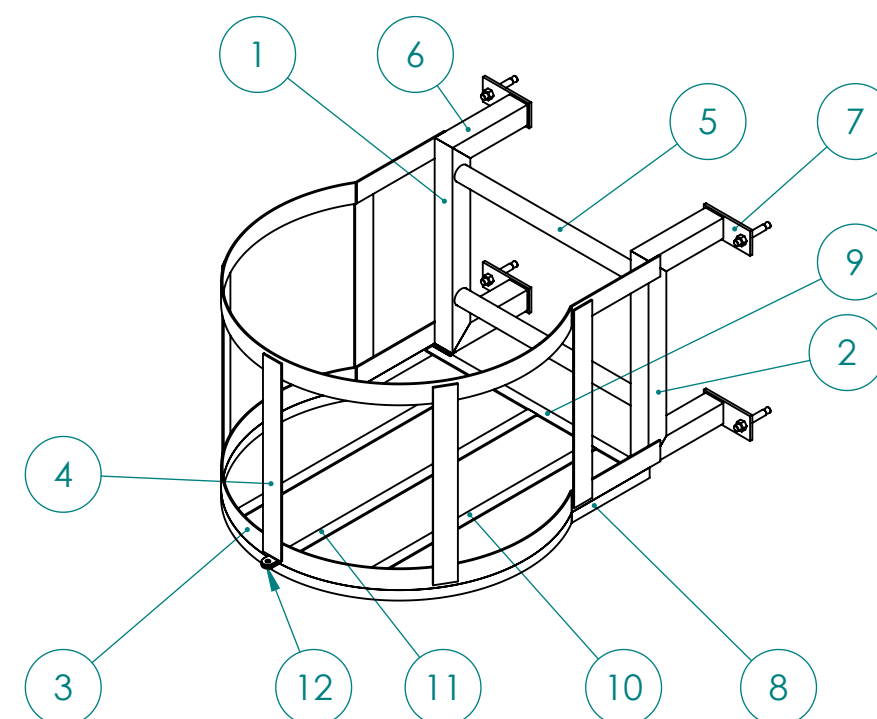
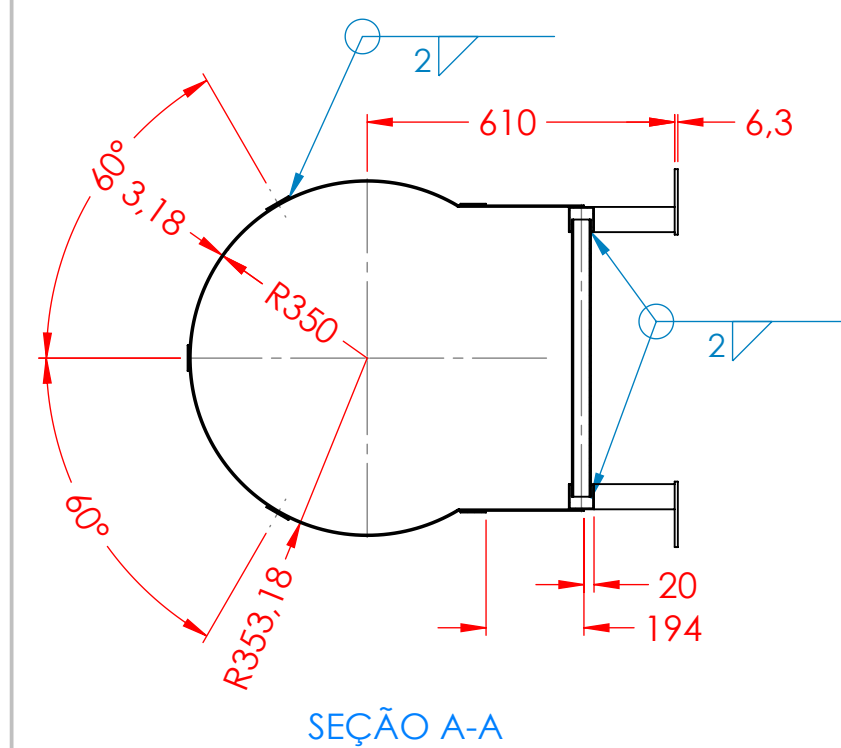
POS.: 2



POS.: 3






POS.: 8



DETALHE DA TAMPA DE PROTEÇÃO

- Soldas conforme norma AWS-A2.4;
- Pintura conforme documento Temo de Referência em anexo;
- Massa aprox. do conjunto soldado: 22 kg.

ITEM	MATERIAL	DIMENSÃO (mm)	MASSA (kg)	QTD.
1	Tubo Quadrado SAE 1008 C/Cost NBR 8261	50x50x1,9x500	1,3	1
2	Tubo Quadrado SAE 1008 C/Cost NBR 8261	50x50x1,9x500	1,3	1
3	Barra Chata SAE 1020 / ASTM A36	50,8X3,18X1985	5,1	2
4	Barra Chata SAE 1020 / ASTM A36	50,8x3,18x480	3,1	5
5	Tubo Redondo C/Cost EN10304	D38,1x3,0x550	2,9	2
6	Tubo Quadrado SAE 1008 C/Cost NBR 8261	50x50x1,9x210	2,3	4
7	Barra Chata SAE 1020 / ASTM A36	63,5x60x130	1,6	4
8	Barra Chata SAE 1020 / ASTM A36	50,8X3,18X1925	1,4	1
9	Barra Chata SAE 1020 / ASTM A36	25,4x3,18x600	0,4	1
10	Barra Chata SAE 1020 / ASTM A36	25,4x3,18x690	0,9	2
11	Barra Chata SAE 1020 / ASTM A36	25,4x3,18x725	0,5	1
12	Barra Chata SAE 1020 / ASTM A36	25,4x3,18x28	0,04	2
13	Dobradilha Metálica	-	-	2

			15		Obra: Escada Metálica		2	
Nº	Revisão	Data	<div>Logomarca da consultora</div> <div><div>GOPS</div><div>GERÊNCIA OPERACIONAL - CASAN/SRO</div></div>	<div><div></div><div>casan</div></div>	COMPANIA CATARINENSE DE ÁGUAS E SANEAMENTO			
1	Alteração de espessuras e normas dos itens 1,2,3,4,5,6,7,8,9,10,11 e13.	01/2015			Sistema	SRO/GOPS		
	Alteração de norma do item 13.				Localidade - Município	CHAPECÓ		
	Massa do conjunto era 65 kg.				Projeto Mecânico			
					ESCADA MARINHEIRO			
			MÓDULO INFERIOR					
			Nº da consultora	Projeto	Vistos	Desenho	Data	FOLHA Nº
				JUARES		JUARES	04/2014	07115-SAA-RES-ESP-0030-B
				ESCALA:1:15		<div><div></div><div></div></div>		