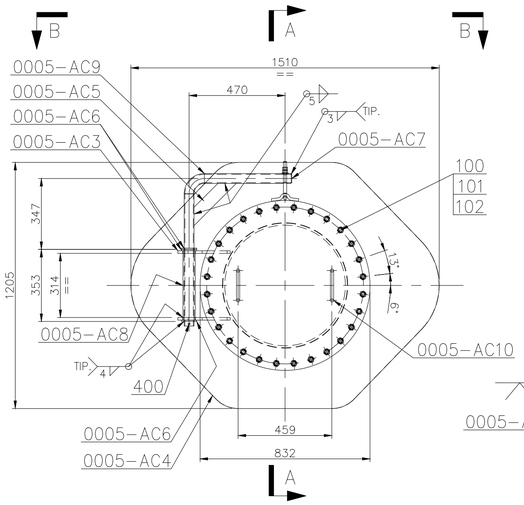
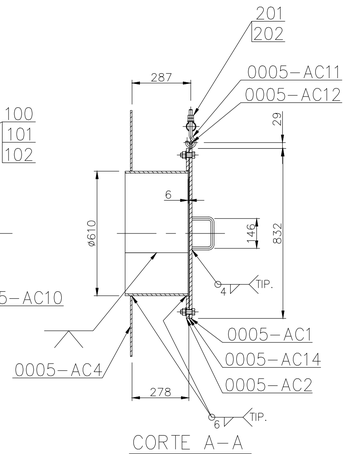
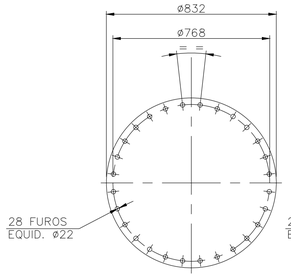


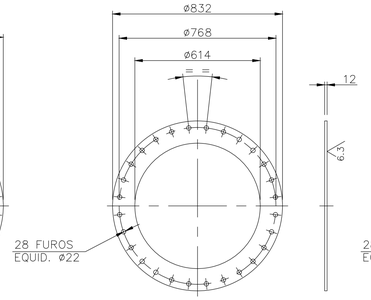
0005-AC BOCAL VISITA
ESC. 1:15



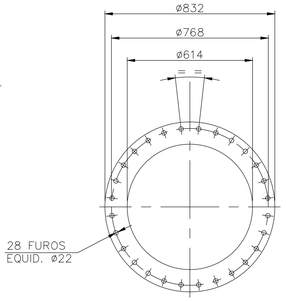
CORTE A-A
ESC. 1:15



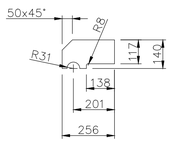
0005-AC1
ESC. 1:15



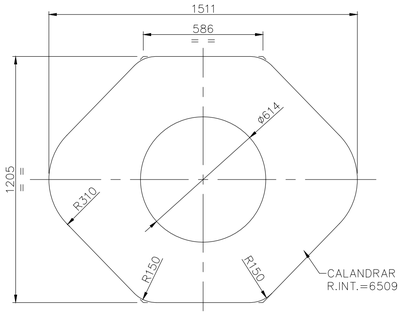
0005-AC2
ESC. 1:15



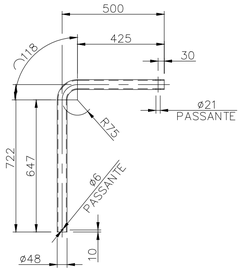
0005-AC14
ESC. 1:15



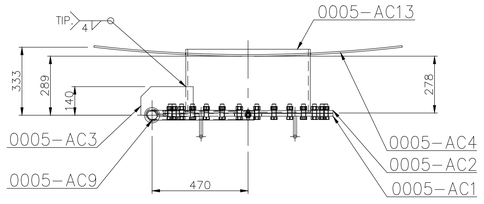
0005-AC3
ESC. 1:15



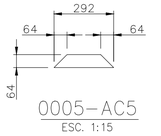
0005-AC4 PLANIFICADO
ESC. 1:15



0005-AC9
ESC. 1:15

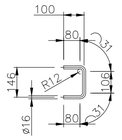


CORTE B-B
ESC. 1:15

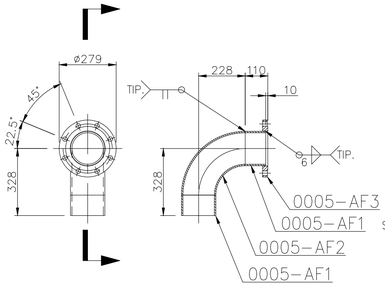


0005-AC5
ESC. 1:15

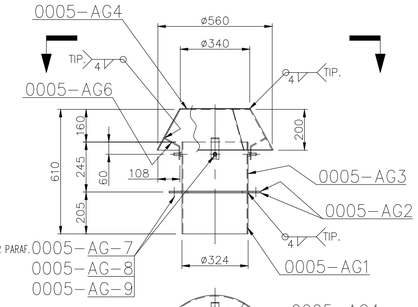
0005-AC6
ESC. 1:15

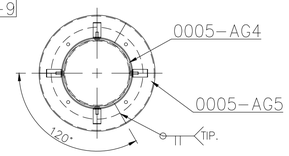


0005-AC10
ESC. 1:15

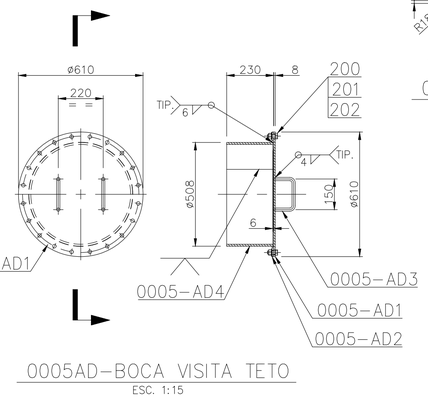


0005-AF TUBULAÇÃO
ESC. 1:15

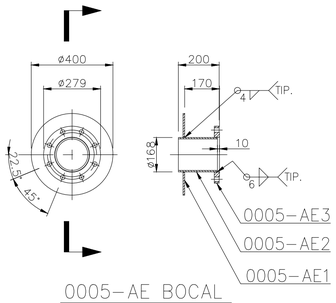




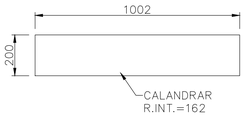
0005-AG RESPIRO
ESC. 1:15



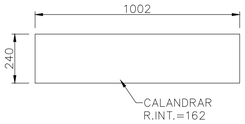
0005AD-BOCA VISITA TETO
ESC. 1:15



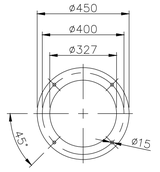
0005-AE BOCAL
ESC. 1:15



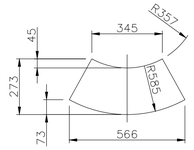
0005-AG1 PLANIFICADO
ESC. 1:15



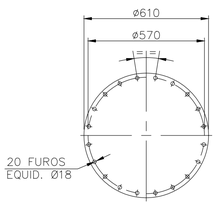
0005-AG3 PLANIFICADO
ESC. 1:15



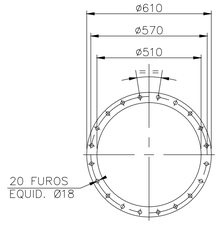
0005-AG2
ESC. 1:15



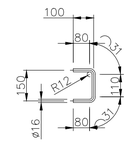
0005-AG5 PLANIFICADO
ESC. 1:15



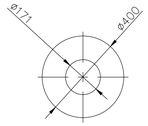
0005-AD1
ESC. 1:15



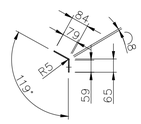
0005-AD2
ESC. 1:15



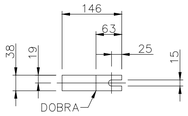
0005-AD3
ESC. 1:15



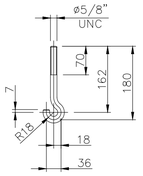
0005-AE1
ESC. 1:15



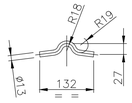
0005-AG6
ESC. 1:15



0005-AG6 PLANIFICADO
ESC. 1:7.5



0005-AC11
ESC. 1:7.5



0005-AC12
ESC. 1:7.5

LISTA DE MATERIAIS

ITEM	QTD.	DESCRIÇÃO	MATERIAL	PESO	NORMA OU OBS.
0005-AC	01	BOCAL VISITA		204.4	
0005-AC1	01	CH. 12.7 x ø832	ASTM A36	54.2	–
0005-AC2	01	CH. 12.7 x ø832 x ø614	ASTM A36	23.4	–
0005-AC3	02	CH. 12.7 x 140 x 256	ASTM A36	7.0	–
0005-AC4	01	CH. 8.0 x 1205 x 1511	ASTM A36	67.6	–
0005-AC5	01	CH. 8.0 x 64 x 292	ASTM A36	1.2	–
0005-AC6	03	CH. 6.3 x ø75 x ø50	ASTM A36	0.3	–
0005-AC7	01	CH. 3.2 x ø41	ASTM A36	0.1	–
0005-AC8	01	TUBO SCH40 ø60.3 x 340	ASTM A53	1.8	–
0005-AC9	01	TUBO SCH40 ø48.3 x 1190	ASTM A53	4.8	–
0005-AC10	02	BARRA RED. ø16.0 x 328	ASTM A36	0.4	–
0005-AC11	01	BARRA RED. ø16.0 x 232	ASTM A36	0.2	–
0005-AC12	01	BARRA RED. ø12.7 x 152	ASTM A36	0.1	–
0005-AC13	01	CH. 9.5 x 306 x 1886	ASTM A36	43.3	–
0005-AC14	01	JUNTA 5.0 x ø832 x ø614	BORRACHA	–	60 SHORE "A"
0005-AD	01	BOCA DE VISITA TETO		50.6	
0005-AD1	01	CH. 8.0 x ø610	ASTM A36	18.3	–
0005-AD2	01	CH. 8.0 x ø610 x ø510	ASTM A36	5.5	–
0005-AD3	02	BARRA RED. ø16.0 x 328	ASTM A36	0.4	–
0005-AD4	01	CH. 9.5 X 224 X 1566	ASTM A36	26.4	–
0005-AE	03	BOCAL		61.2	
0005-AE1	03	CH. 8.0 x ø400 x ø171	ASTM A36	19.2	–
0005-AE2	03	TUBO SCH40 ø168.3 x 191	ASTM A53	16.2	–
0005-AE3	03	FLANGE SO FF ø6" – ANSI B16.5	ASTM A105	25.8	150LBS
0005-AF	01	TUBULAÇÃO DO EXTRAVASADOR		24.9	–
0005-AF1	02	TUBO SCH40 ø168.3 x 100	ASTM A53	5.6	–
0005-AF2	01	CURVA R.L. SCH40 ø168.3	ASTM A105	10.7	–
0005-AF3	01	FLANGE SO FF ø6" – ANSI B16.5	ASTM A105	8.6	150LBS
0005-AG	02	RESPIRO		77.2	
0005-AG1	02	CH. 4.7 x 200 x 1002	ASTM A36	15.0	–
0005-AG2	04	CH. 4.7 x ø450 x ø327	ASTM A36	11.2	–
0005-AG3	02	CH. 4.7 x 240 x 1002	ASTM A36	18.0	–
0005-AG4	02	CH. 4.7 x ø340	ASTM A36	6.6	–
0005-AG5	06	CH. 4.7 x 273 x 566	ASTM A36	24.0	–
0005-AG6	12	CH. 4.7 x 38 x 146	ASTM A36	2.4	–
0005-AG7	16	PARAF. CAB. SEXT. ø1/2"UNC x 1.1/4"	ASTM A325	*	–
0005-AG8	16	PORCA SEXT. ø1/2"UNC	ASTM A194-2H	*	–
0005-AG9	16	ARRUELA LISA ø1/2"	ASTM F436	*	–

PESO TOTAL = 418.3 kg

LISTA DE MATERIAIS

ITEM	QTD.	DESCRIÇÃO	MATERIAL	PESO	NORMA OU OBS.
		FIXAÇÕES			
100	28	PARAF. CAB. SEXT. ø3/4"UNC x 2.1/2"	ASTM A325	*	–
101	28	PORCA SEXT. ø3/4"UNC	ASTM A194-2H	*	–
102	28	AR. LISA ø3/4"	ASTM F436	*	–
200	20	PARAF. CAB. SEXT. ø5/8"UNC x 1.3/4"	ASTM A325	*	–
201	22	PORCA SEXT. ø5/8"UNC	ASTM A194-2H	*	–
202	21	AR. LISA ø5/8"	ASTM F436	*	–
400	01	CONTRAPINO ø6 x 75	DIN 94	*	–

NOTAS

OBSERVAÇÕES GERAIS:

1 – DIMENSÕES EM MILÍMETRO EXCETO ONDE INDICADO.
2 – SOLDA CONFORME NORMA AWS, ELETRODO E70XX.
3 – RECORTES DE CANTO NÃO INDICADOS SÃO DE 15x15 E EM RAIO=20 E.A.
4 – LISTA DE MATERIAL PARA 01 CONJUNTO, FABRICAR 01 CONJUNTO.
5 – PARA CONJUNTO DE MONTAGEM DO RESERVATÓRIO VER DESENHO:PJT-197601-EXE-0110-REV00

REVISÃO	DESCRIÇÃO	TIPO	ELABORADO	VERIFICADO	DATA
00	EMISSÃO INICIAL	EXE	LEO	LCPS	10/2025

TIPOS DE EMISSÃO: ATP - ANTEPROJETO; BSC - BÁSICO; EXE - EXECUTIVO; APV - APROVADO; PCT - P/ CONSTRUÇÃO; ASB - "AS BUILT"; CNC - CANCELADO

ELABORAÇÃO:
METAVERSO CONSÓRCIOS
AV. BARÃO HOMEM DE MELO, Nº3280, ESTORIL
BELO HORIZONTE – MG – CEP.: 30.494-080
TEL.: (31) 3347-4405 / (31) 3347-7079 / (31) 3571-1920
EMAIL: contato@grupoprojetoengenharia.com.br

REALIZAÇÃO:
SERVIÇO AUTÔNOMO DE ÁGUA E ESGOTO DE SETE LAGOAS
RUA MAJOR CAMPOS, 107 –CENTRO, SETE LAGOAS –MG(31) 2106-0100

RESERVATÓRIOS PADRE TEODORO - SETE LAGOAS
RUA GOVERNADOR MILTON CAMPOS 113, BAIRRO CENTRO

PROJETO DE EST. METÁLICA

AUTORIA DO PROJETO:
EDUARDO GONÇALVES
CREA MG – 242.990/D

CONTRATANTE DO PROJETO:
RESPONSÁVEL DA CONTRATANTE

DATA: 10/ 2025
ESCALA: INDICADA
CÓDIGO: PRJ-EMT

TÍTULO DOS DESENHOS:
RESERVATÓRIOS DE ÁGUA – PADRE TEODORO 1800m3 – DESENHO DE PROJETO DETALHADO – BOCAS DO RESERVATÓRIO

PRANCHA: 05/10

DIREITOS AUTORAIS RESERVADOS; PROIBIDO REPRODUÇÃO, DIVULGAÇÃO OU ALTERAÇÃO SEM ORDEM EXPRESSA DO AUTOR.

TÍTULO DOS DESENHOS: PRJ-197601-EXE-0510-REV00

FORMATO - A1 841x594mm