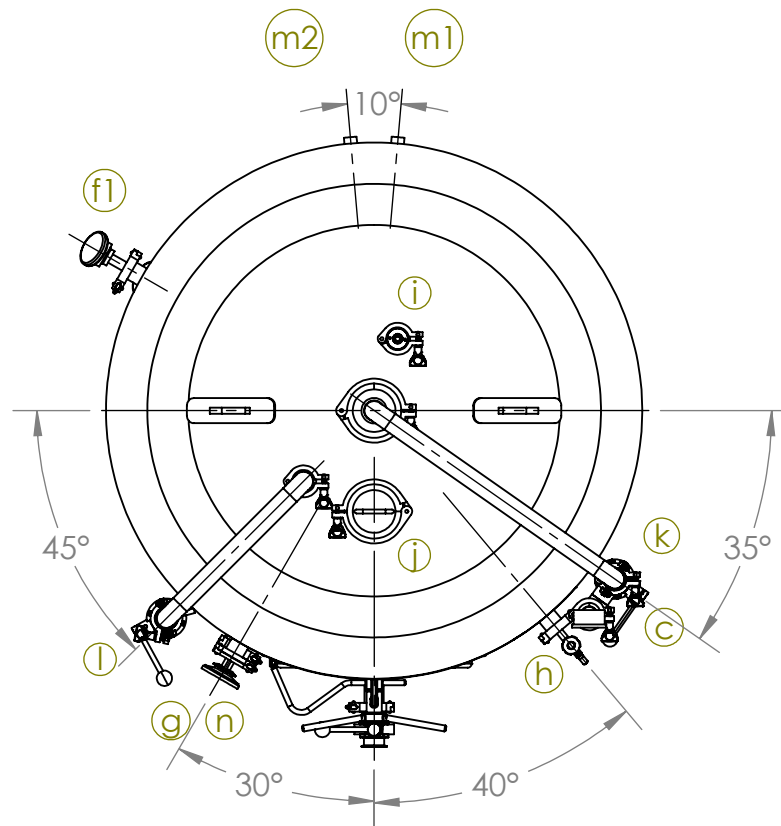
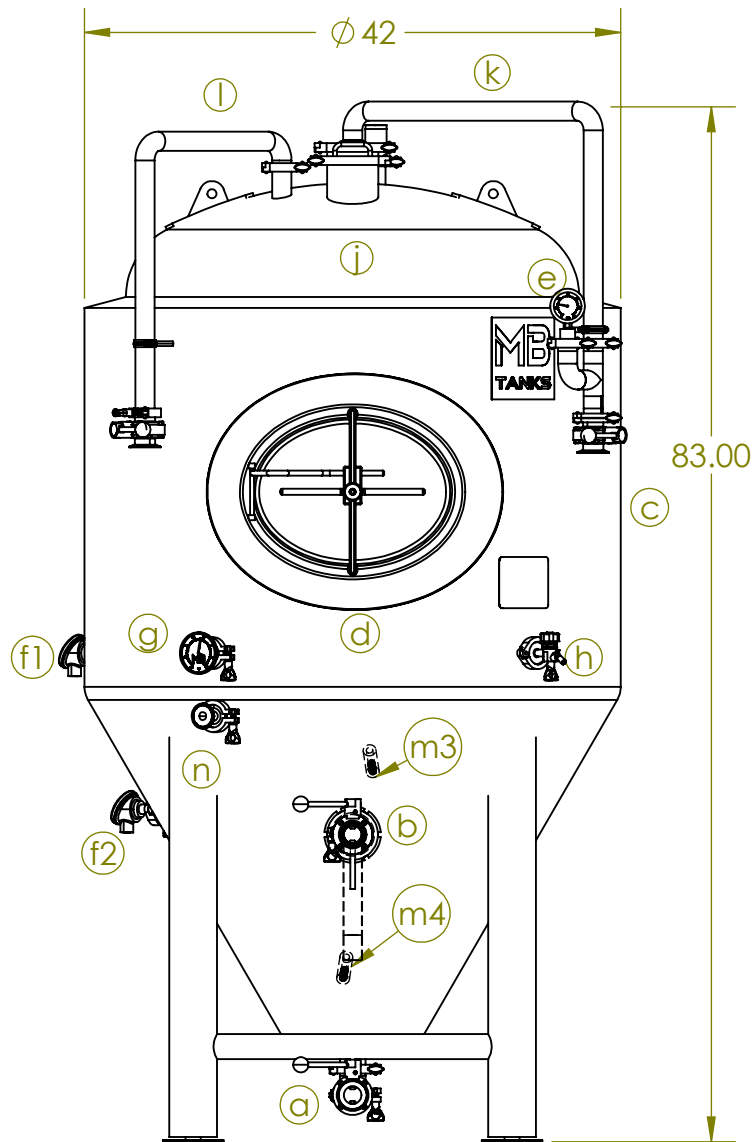


B

A

MB



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	NAME	DATE
DRAWN	CSK	8/9/23
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		

COMMENTS: DO NOT SCALE DRAWING  
DIMENSIONS ARE IN INCHES

TITLE:  
MB Fermenter  
CON4005-MBV2

SIZE <b>B</b>	DWG. NO. 5 bbl	REV 2
1:15	WEIGHT:	SHEET 1 OF 2

Connections			
	Name	Spec.	Fitting
a	Bottom Dump	2	TC
b	Racking Arm	1.5	DIN
c	CIP Inlet	1.5	TC
d	Manway	530x430	Weld
e	Pressure Gauge	1.5	TC
f1	Pt100 Thermowell	1.5	TC
f2	Pt100 Thermowell	1.5	TC
g	Thermometer	1.5	TC
h	Sample Valve	1.5	TC
i	PVRV	1.5	TC
j	Hop Port	4	TC
k	CIP Port	4	TC
l	Blow Off Pipe	1.5	TC
m 1-4	Glycol Port	3/4	FNPT
n	CO2 Stone	1.5	TC

Design Data		
Parameter	Vessel	Jacket
Pressure	1 BAR	1 BAR
Design Pressure	2 BAR	4 BAR
Working Temperature	-5 to 40 C	
Design Temperature	-5 to 40 C	
Medium	Beer	
Medium Density	1.040	
Main Compressive Component	304	
Gross Volume	6.3 bbl	
Net Volume	5 bbl	
PRV Release	1 BAR	
Cooling Exchange Area	15.1	
Insulation	2" PU	

Dimensions	
Height	83
Width	42
Weight	640

1. The inner wall shall be flat. The inner welds shall be ground. Concave cover arris and scratch marks are not allowed.
2. Inner Surface
  - a. The cone & head welding seam shall be polished to Ra <.6 μM.
  - b. The inner wall shall be 2B finish.
  - c. The inner surface shall be pickled and passivated
3. The outer surface shall be polished to Ra <1.2 μM
4. After tank completion the tank shall be pressure tested to 3 BAR gauge water pressure. The jacket shall be pressure tested to 6 BAR for 12 hours. Testing shall be performed in the upright position.

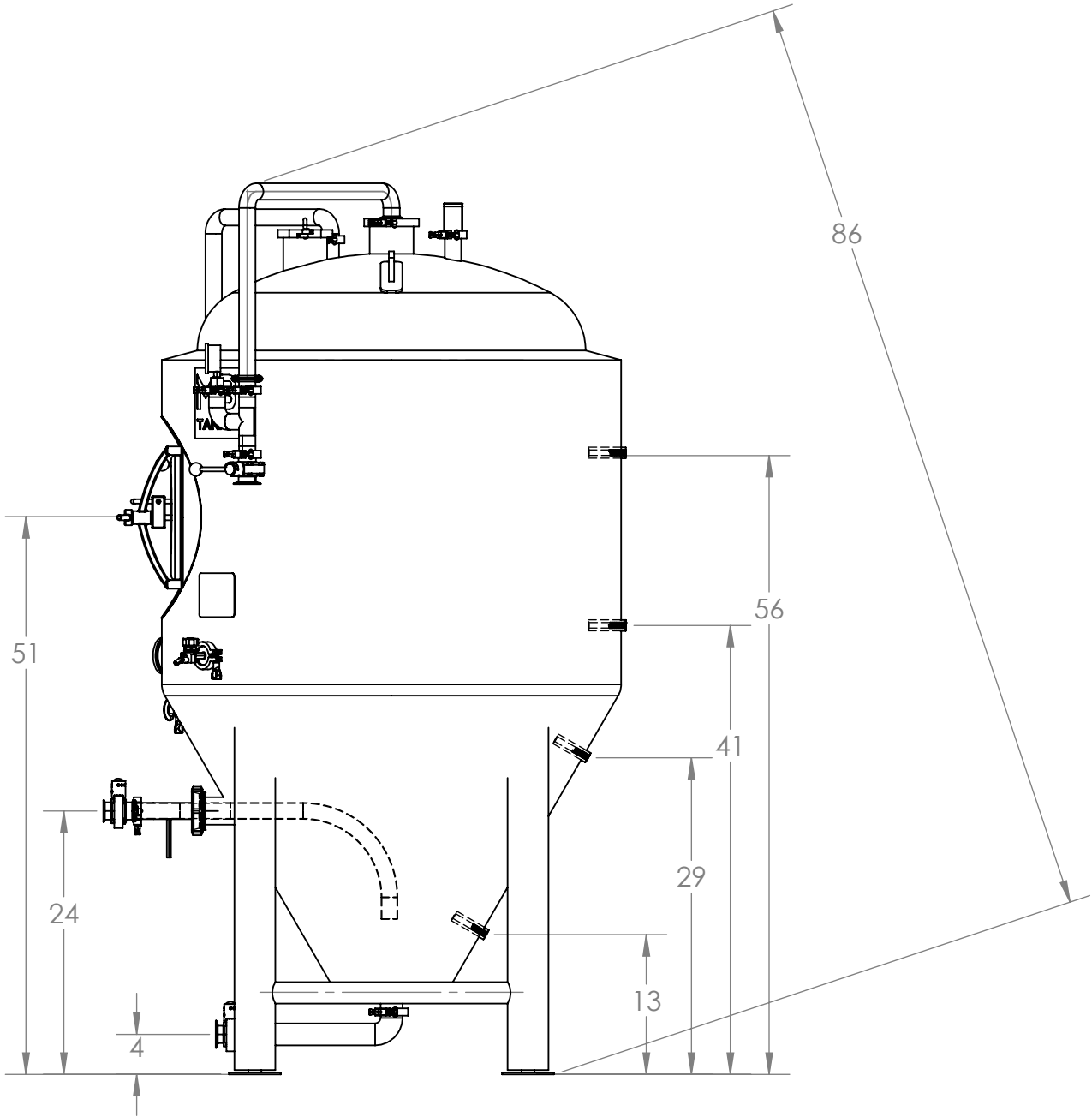
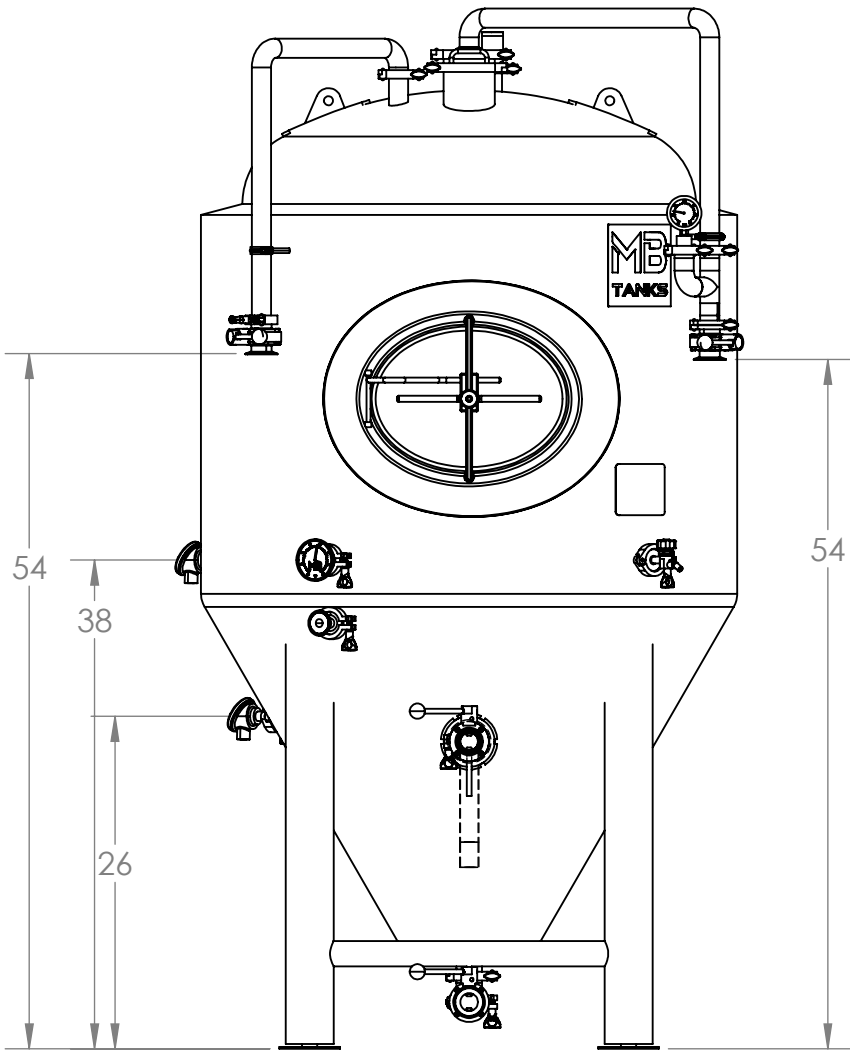
4

3

2

1

PLEASE ALLOW AT LEAST 4" IN EXCESS OF THE TIPPING MEASUREMENT TO ALLOW FOR ORIENTATION AND MANUFACTURING VARIANCES.



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	NAME	DATE	TITLE: <b>MB Fermenter CON4005-MBV2</b>		
DRAWN	CSK	8/9/2023			
CHECKED					
ENG APPR.					
MFG APPR.					
Q.A.			COMMENTS: DO NOT SCALE DRAWING DIMENSIONS ARE IN INCHES		
SIZE	DWG. NO.	REV			
<b>B</b>	<b>5 bbl</b>	<b>2</b>	1:15	WEIGHT:	SHEET 2 OF 2