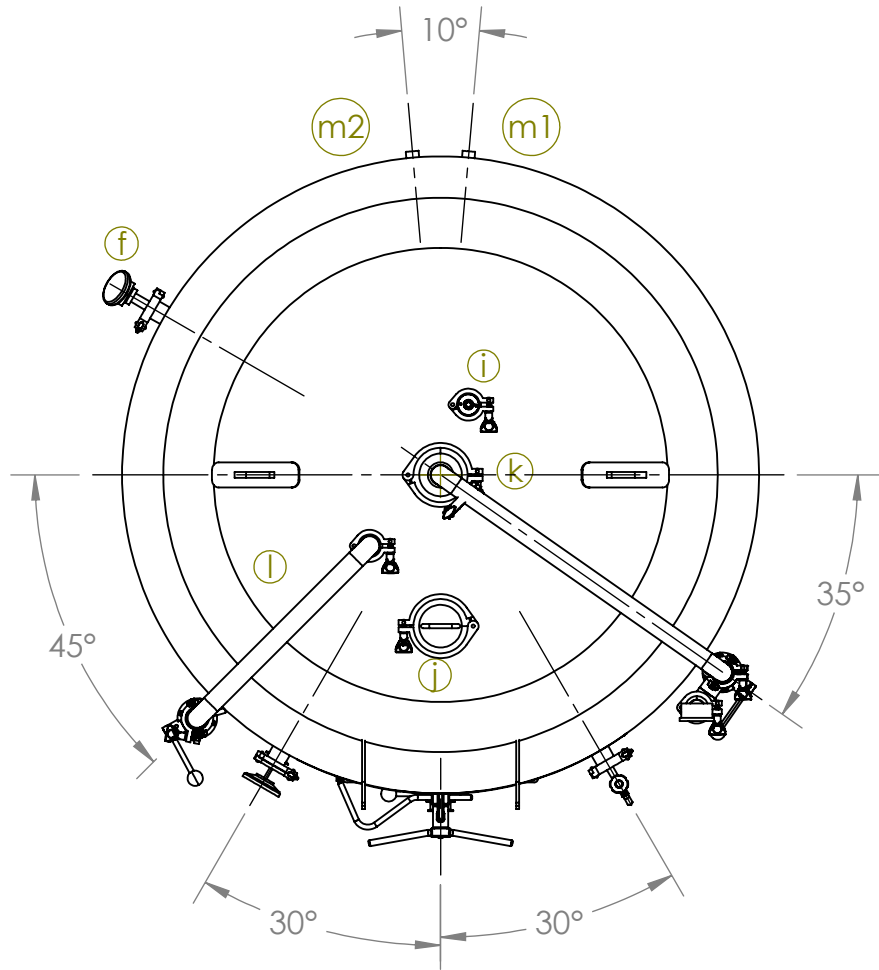
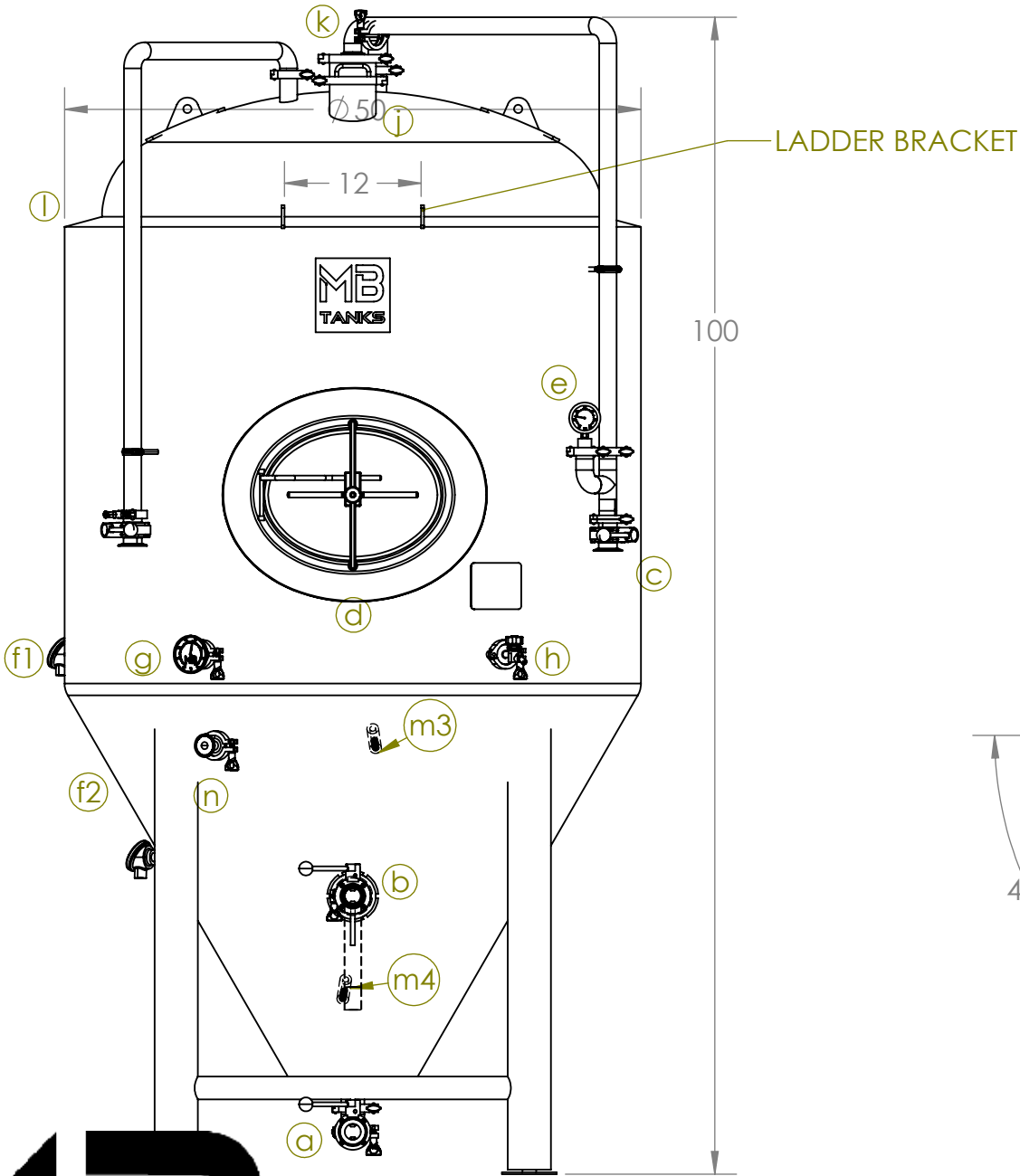


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MB



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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	12.1 bbl	
Net Volume	10 bbl	
PRV Release	1 BAR	
Cooling Exchange Area	4076 in2	
Insulation	2" PU	

Dimensions	
Height	100
Width	50
Weight	750 lbs

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.

	NAME	DATE	TITLE:		
DRAWN	CSK	8/10/23			
CHECKED			MB Fermenter CON4010-MBv2		
ENG APPR.					
MFG APPR.					
Q.A.					
COMMENTS: DO NOT SCALE DRAWING DIMENSIONS ARE IN INCHES			SIZE	DWG. NO.	REV
			B	10 bbl	2
			1:15	WEIGHT:	SHEET 1 OF 2

B

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4

3

2

1

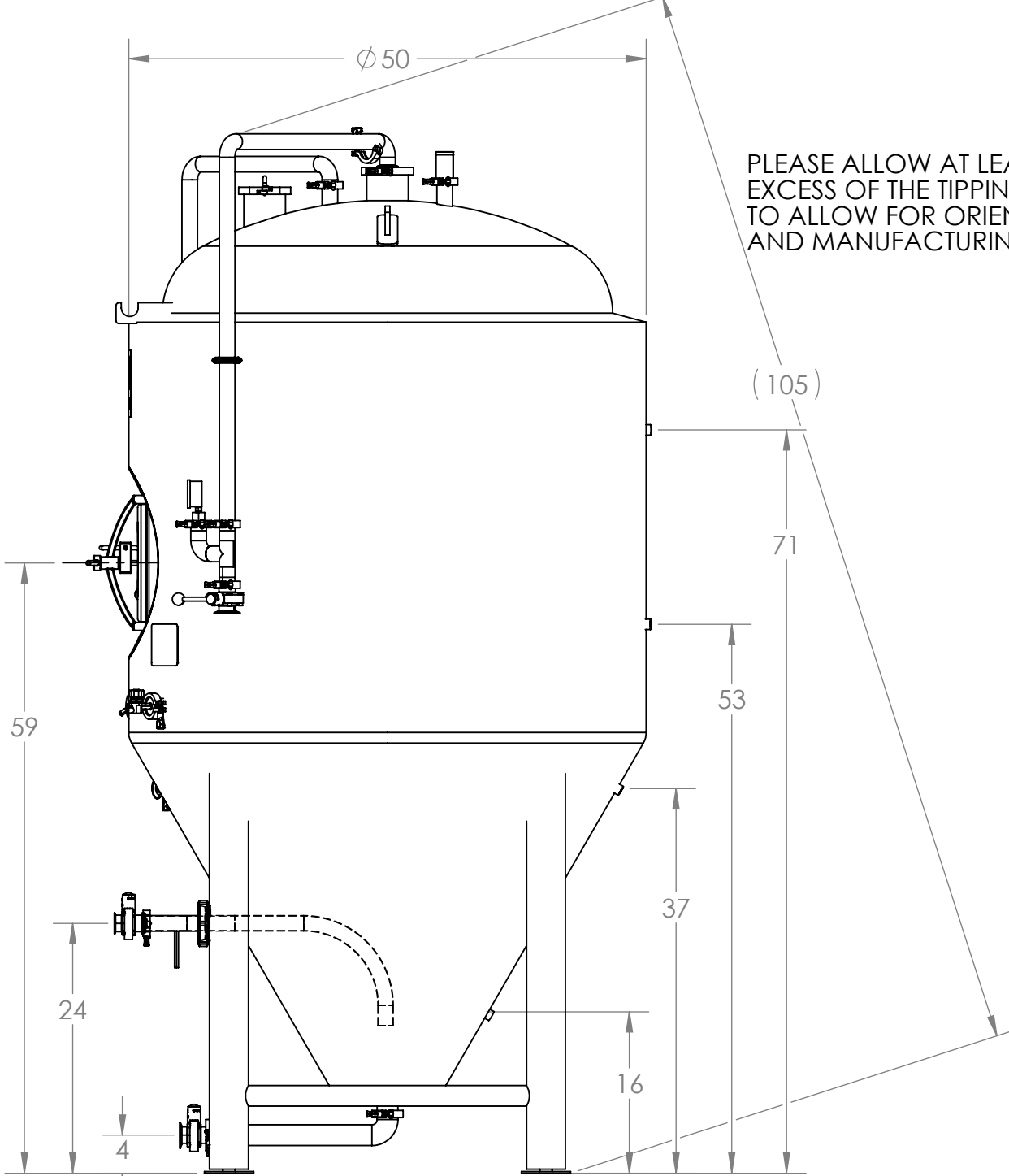
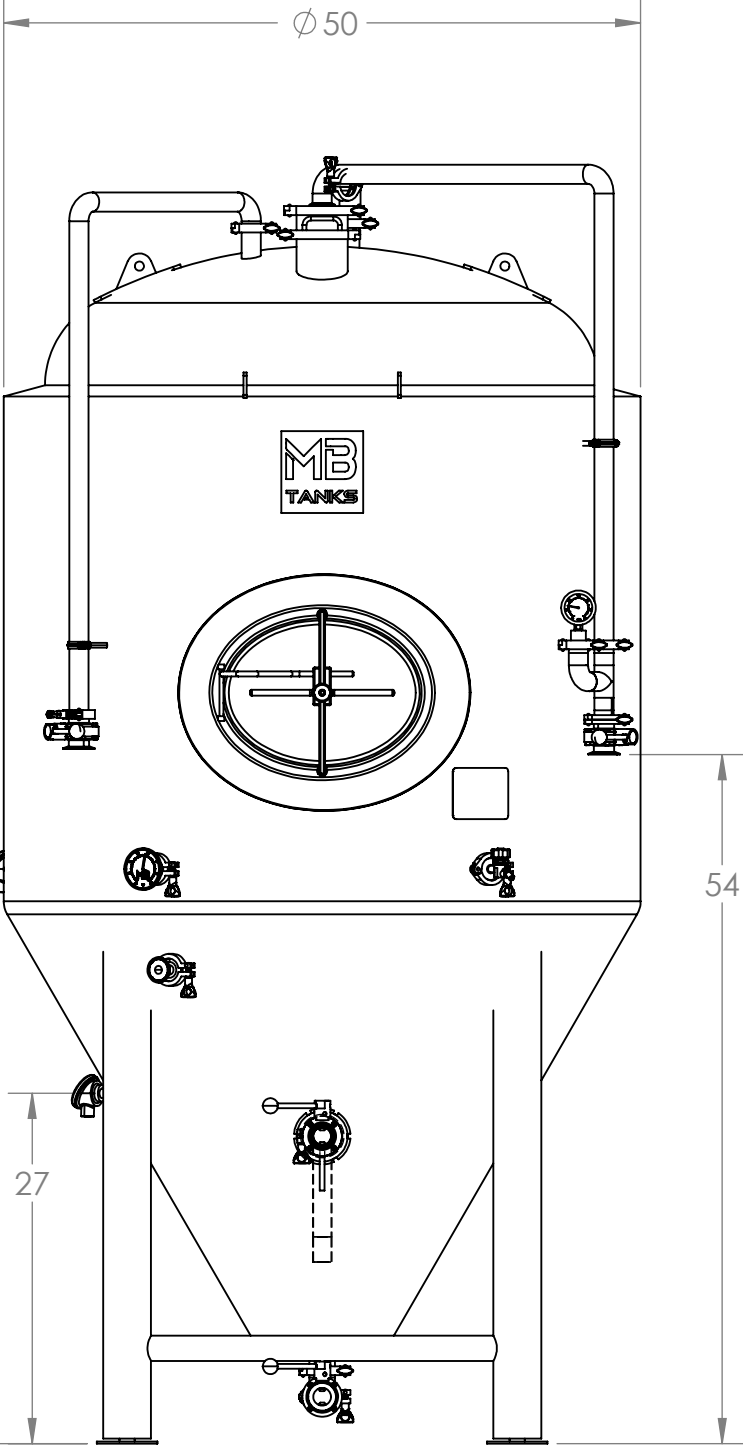
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UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES		DRAWN	
TOLERANCES:		CHECKED	
FRACTIONAL $\pm$		ENG APPR.	
ANGULAR: MACH $\pm$ BEND $\pm$		MFG APPR.	
TWO PLACE DECIMAL $\pm$		Q.A.	
THREE PLACE DECIMAL $\pm$		COMMENTS:	
INTERPRET GEOMETRIC TOLERANCING PER:			
MATERIAL			
FINISH			
NEXT ASSY	USED ON		
APPLICATION		DO NOT SCALE DRAWING	

TITLE:			
MB Fermenter			
CON4010-MBv2			
SIZE	DWG. NO.	REV	
<b>B</b>	10bbl	2	
1:15	WEIGHT:	SHEET 2 OF 2	

4

3

2

1