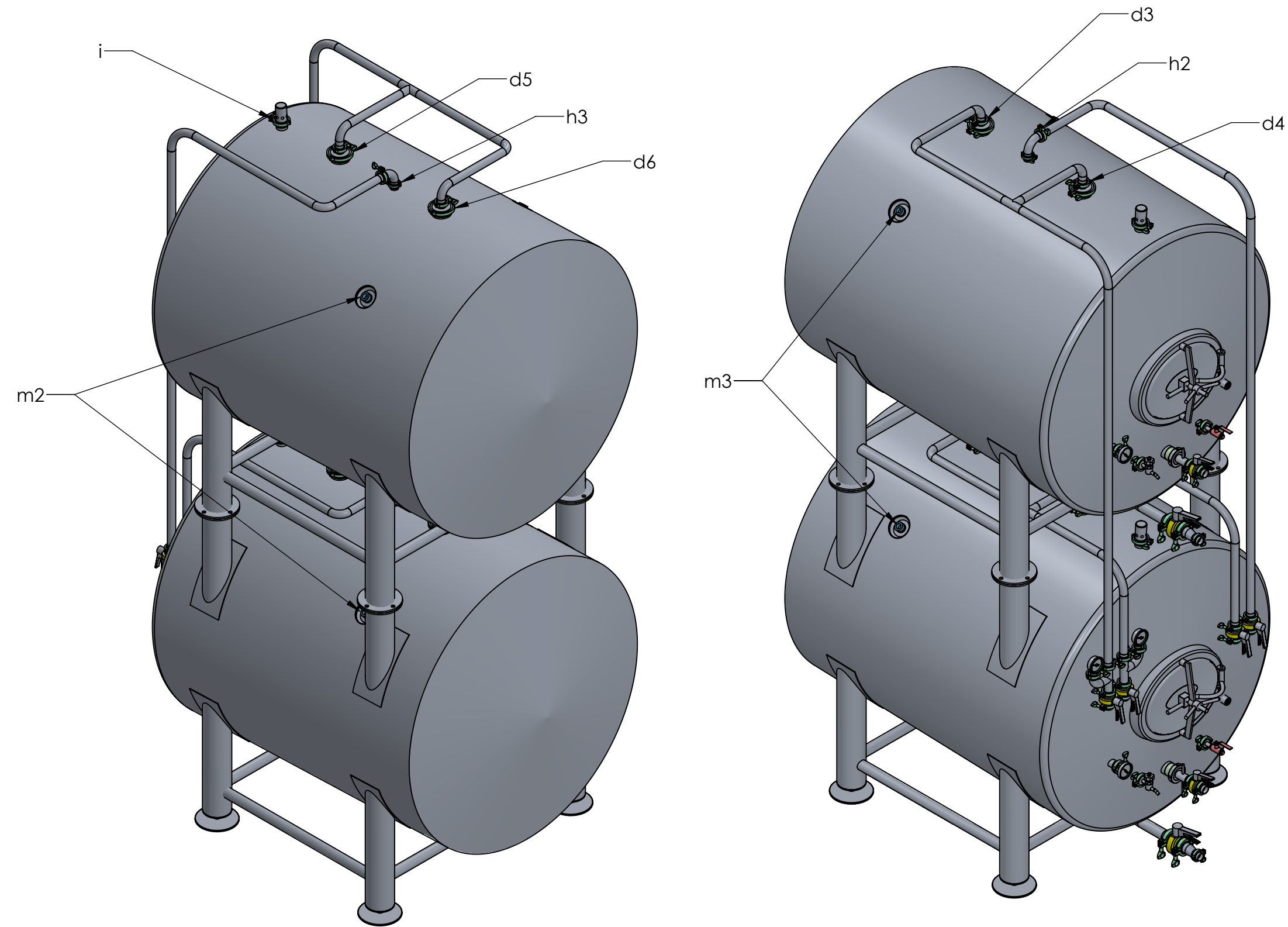


Design Data Sheet					
Design Parameters (Metric)			Design Parameters (US Standard)		
	Vessel	Jacket		Vessel	Jacket
Working Pressure (MPa)	0.1	0.1	Working Pressure (psi)	14.5	14.5
Design Pressure (MPa)	0.2	0.4	Design Pressure (psi)	29	58
Working Temp (°C)	-5 - 40		Working Temp (°F)	23 - 104	
Design Temp (°C)	-10 - 50		Design Temp (°F)	14 - 122	
Material	Beer 304	Glycol 304	Material	Beer 304	Glycol 304
Gross Volume (gal)	558 (18BBL)		Gross Volume (gal)	558 (18BBL)	
Net Volume (gal)	465 (15BBL)		Net Volume (gal)	465 (15BBL)	
Safety Valve Act Pressure (MPa)	0.2		Safety Valve Act Pressure (psi)	29	
Heat Exchange Area (m ²)	2.5		Heat Exchange Area (ft ²)	26.9	
Insulation Material	PU		Insulation Material	PU	
Insulation Thickness (mm)	80		Insulation Thickness (in)	3.2	
Pressure Test (MPa)	0.2	0.4	Pressure Test (psi)	29	58

Component Specifications						Dimensions		
	Name	Connect Size (mm)	Connect Size (in)	Connect Type	Comments		(mm)	(in)
a	Manhole	580x480	22.9x18.9			Total Height	3621	142.6
b	CO2 Inlet	38.1	1.5	Clamp		Total Length	2165	85.3
c	Pressure Gauge	38.1	1.5	Clamp		Tank Diameter	1460	57.5
d1-4	CIP Assembly Clamp	38.1	1.5	Clamp	4 clamps			
d5-6	CIP Converter Clamp	101.6	4	Clamp	2 clamps			
d7-8	CIP Spray Ball Clamp	38.1	1.5	Clamp	2 clamps			
e	Beer Out	38.1	1.5	Clamp	2 clamps	Gasket Count		
f	Yeast Out	50.8	2	Clamp	Includes reducer to 1.5"	1.5"	32	
g	Temp Gauge	38.1	1.5	Clamp		2"	4	
h1-3	Overflow	38.1	1.5	Clamp	3 clamps	4"	4	
i	Safe Valve	50.8	2	Clamp				
j	Sample Valve	38.1	1.5	Clamp		Weight	kg	lbs
k	Thermocouple Port		NPT 1/2"	Female Threaded			1170	2579
m1	Glycol In		NPT 3/4"	Female Threaded				
m2-3	Glycol Out		NPT 3/4"	Female Threaded				



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	NAME	DATE
DRAWN	MJM	9/26/2022
CHECKED	MWM	9/26/2022
ENG APPR.		
MFG APPR.		

COMMENTS:

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SIZE: A TITLE: 015LAGSA REV: A
SCALE: 1:20 SHEET 1 OF 1