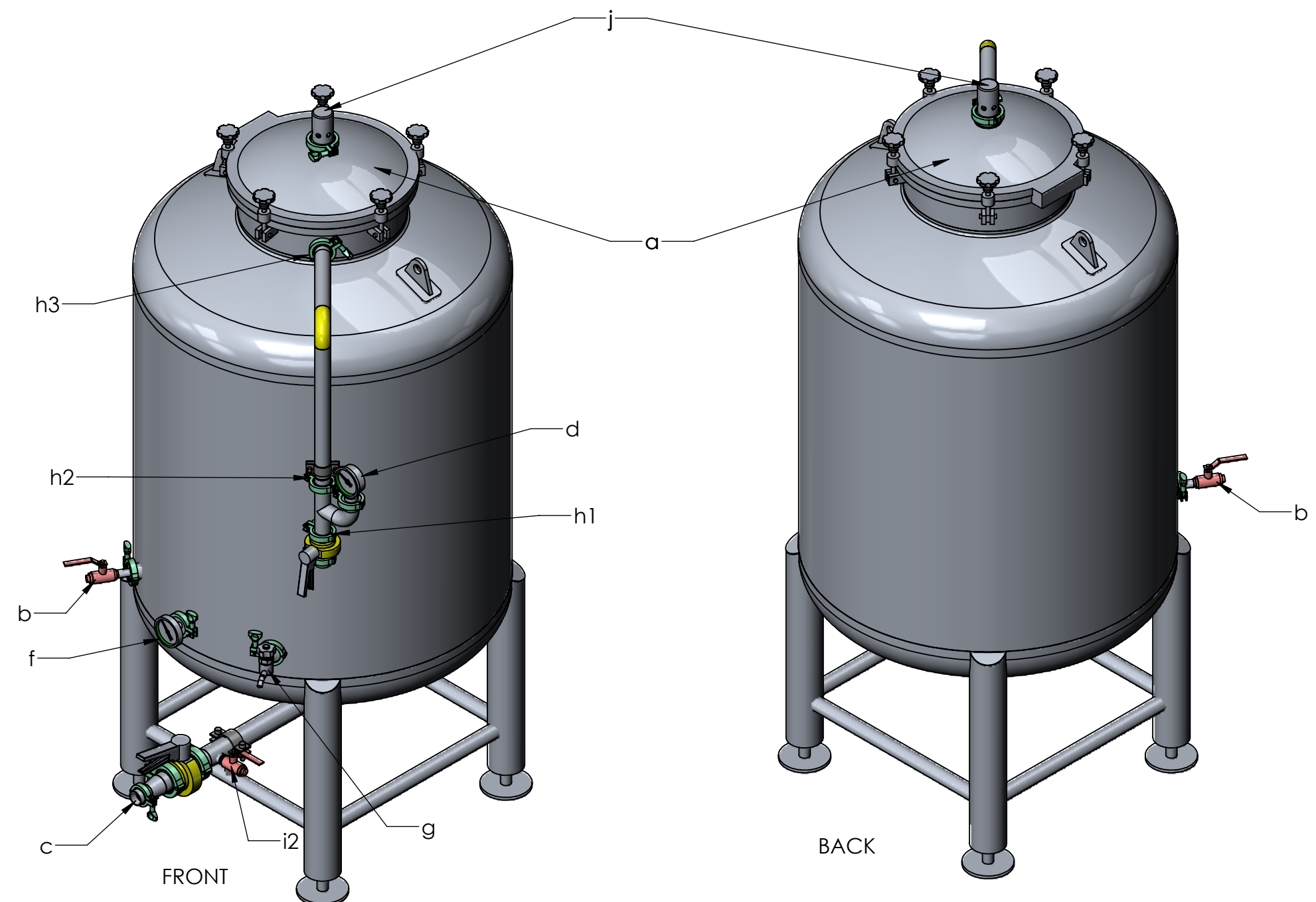
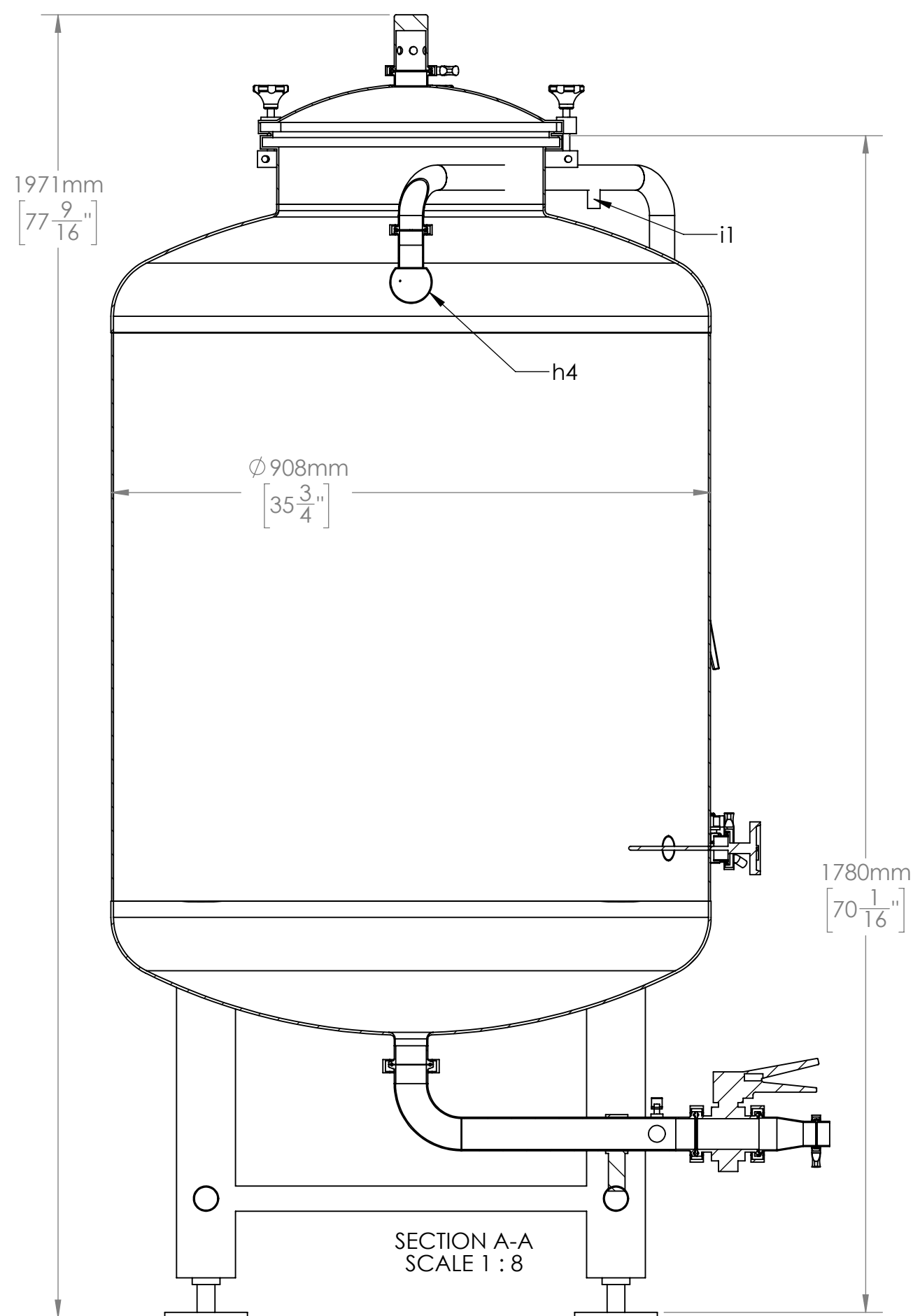


		Design Data Sheet	
Design Parameters (Metric)		Design Parameters (US Standard)	
Working Pressure (MPa)	0.1	Working Pressure (psi)	14.5
Design Pressure (MPa)	0.2	Design Pressure (psi)	29
Working Temp (°C)	-5 - 40	Working Temp (°F)	23 - 104
Design Temp (°C)	-10 - 50	Design Temp (°F)	14 - 122
Material	304	Material	304
Gross Voume (gal)	189.1 (6.1BBL)	Gross Voume (gal)	189.1 (6.1BBL)
Net Volume (gal)	155 (5BBL)	Net Volume (gal)	155 (5BBL)
Head Space	18%	Head Space	18%
Saftey Valve Act Pressure (MPa)	0.1	Saftey Valve Act Pressure (psi)	14.5
Pressure Test (MPa)	0.2	Pressure Test (psi)	29



Dimensions								
	Name	Connect Size (mm)	Connect Size (in)	Connect Type	Comments		(mm)	(in)
a	Manhole	400	15.7			Total Height	1971	77.6
b	CO2 Inlet	38.1	1.5	Clamp		Minimum Height	1780	70.1
c	Outlet	50.8	2	Clamp	3 Clamps, includes reducer to 1.5"	Total Diameter	1087	42.8
d	Pressure Gauge	38.1	1.5	Clamp		Tank Diameter	908	35.8
f	Temp Gauge	38.1	1.5	Clamp				
g	Sample Valve	38.1	1.5	Clamp		Gasket Count		
h1-3	CIP Assembly Clamps	38.1	1.5	Clamp	3 clamps	1.5"	9	
h4	CIP Spray Ball	38.1	1.5	Clamp		2"	4	
i1-2	Level Ports	19	¾	Clamp	3 Clamps. Hose runs between ports (not included)	4"	1	
j	Safety Valve	50.8	2	Clamp				
						Weight	kg 165	lbs 363.8



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	NAME	DATE
DRAWN	MJM	2/13/2023
CHECKED	MWM	2/13/2023
ENG APPR.		
MFG APPR.		
COMMENTS:		

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SIZE A	TITLE: 005SERMA	REV A
SCALE: 1:12	SHEET 1 OF 1	