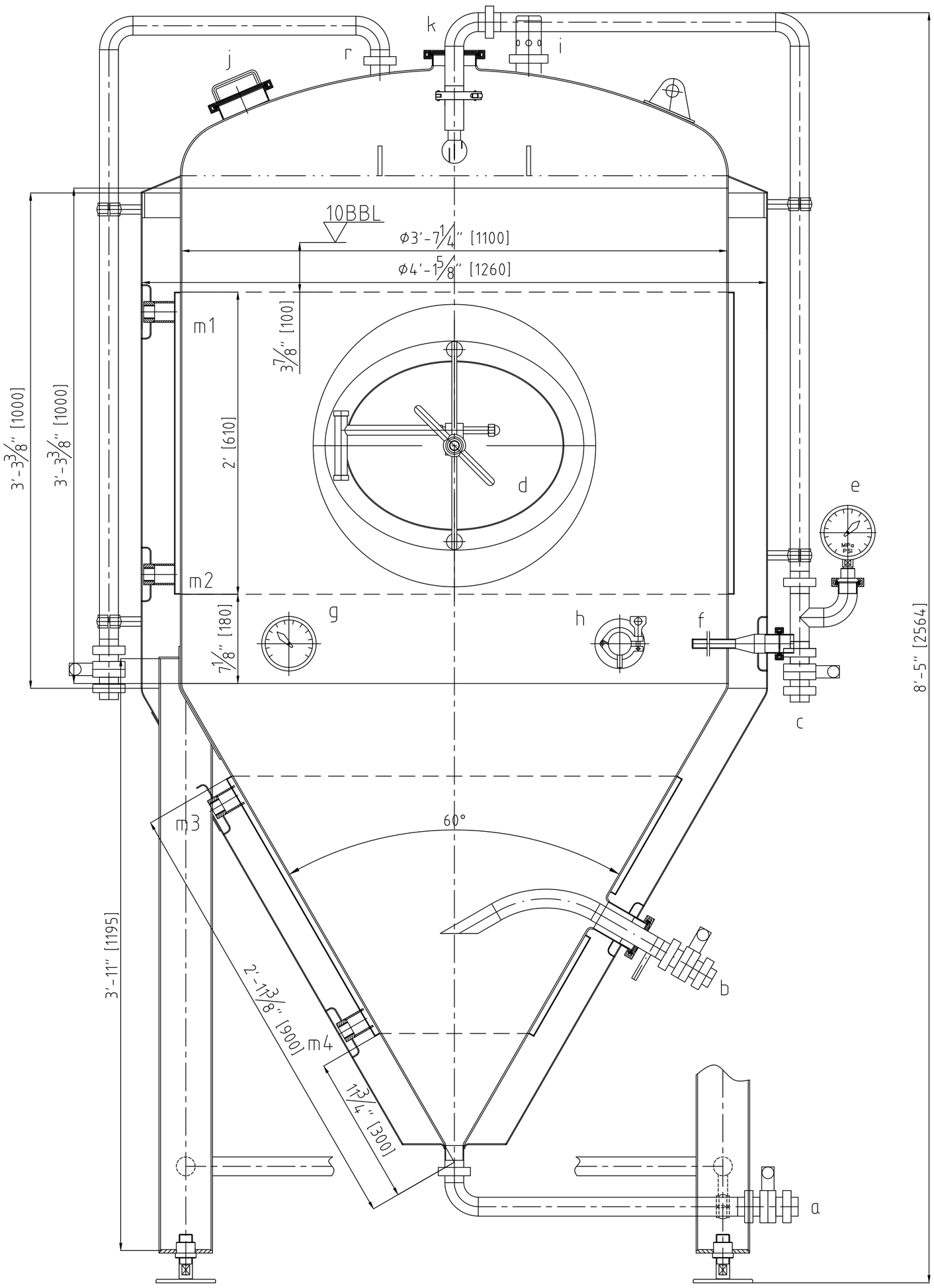

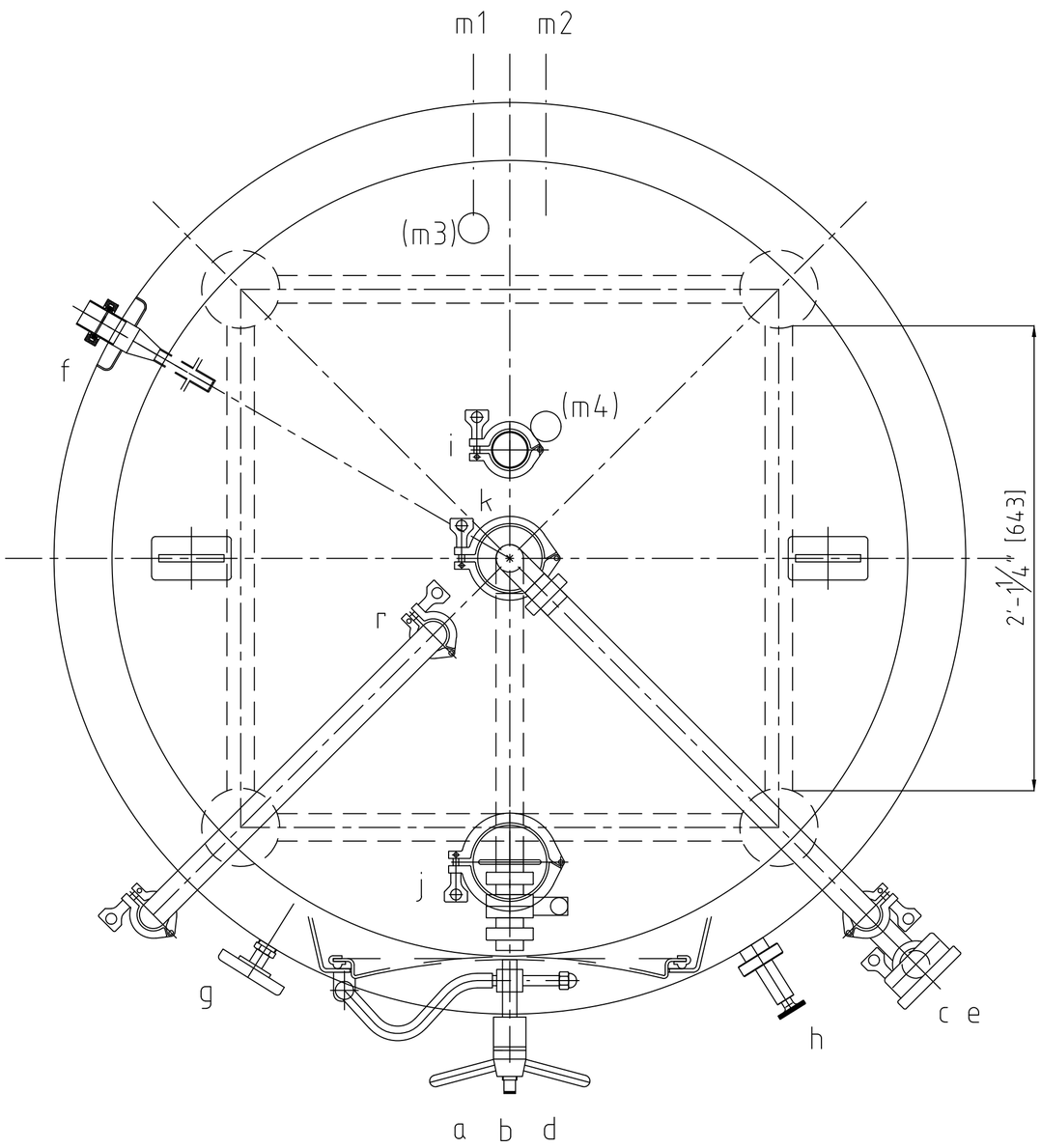

(Design Data Sheet)

(Design parameters)

(Container class)		(Pressure)	
(Parameter Name)		(Container)	(Jacket)
(Working pressure)	MPa	0.2	0.3
(Design pressure)	MPa	0.2	0.4
(Working Temperature)	℃	-5~40℃	
(Design Temperature)	℃	-5~40℃	
(Medium)		(Beer)	(Cooling)
(Material)		304	304
(Full volume)	BBL	12.09	
(Effective volume)	BBL	10	
(Maximum filling ratio)		82.71%	
(Safety valve ACt pressure)	MPa	0.2	
(Weight)	Lbs	E: 882	F: 3362
(Jacket Volume)	Gal	8.7	
(Insulation material)		(PU)	
(Insulation thickness)	mm	80	0.6
(Pressure test)	MPa	0.2	
(Air-tightness test)	MPa		

1. Shell welds shall be parallel to the inner wall, with double-sided welding shall be smooth, not having concave and convex edges and scratch, all interfaces with the inner cylinder welding arc light repair processing.
2. Head and polishing the surface, the inner cylinder body and the inner surface of cone 2B, cylinder and cone foreskin surface adopts mechanical drawing polishing processing.The inner surface of the cylinder body pickling and passivating treatment.
3. After the completion of the manufacture, equipment to 0.25MPa hydrostatic test, the inside of the jacket to the 0.6MPa hydraulic pressure test, pressure 24 hours, equipment is not lying testing water pressure test.

(CONNECTIONS)

MARK	SIZE	DESCRIPTION	CONNECT SIZE	REMARKS
a	1.5"	(Yeast outlet)	φ38.1X1.5	(Clamp)
b	1.5"	(Beer outlet)	φ38.1X1.5	(Clamp)
c	1.5"	(CIP inlet)	φ38.1X1.5	(Clamp)
d	580X480	(Manway)	580X480X133	(Weld)
e	1.5"	(Pressure gauge)	φ38.1X1.5	(Clamp)
f	1.5"	(Thermowell)	φ38.1X1.5	(Clamp)
g	1.5"	(Thermometer)	φ38.1X1.5	(Clamp)
h	1.5"	(Sample cock)	φ38.1X1.5	(Clamp)
i	2"	(PVRV)	φ50.8X1.5	(Clamp)
j	4"	(hop port)	φ101.6X2	(Clamp)
k	4"	(Conection port)	φ101.6X2	(Clamp)
r	1.5"	(CO2 outlet)	φ38.1X1.5	(Clamp)
m1-4	3/4"	(Coolant inlet/outlet)	NPT3/4"	(Thread)

LOTUS BEVERAGE ALLIANCE

AISI 304

Fermenter-10BBL

FV-10BBL