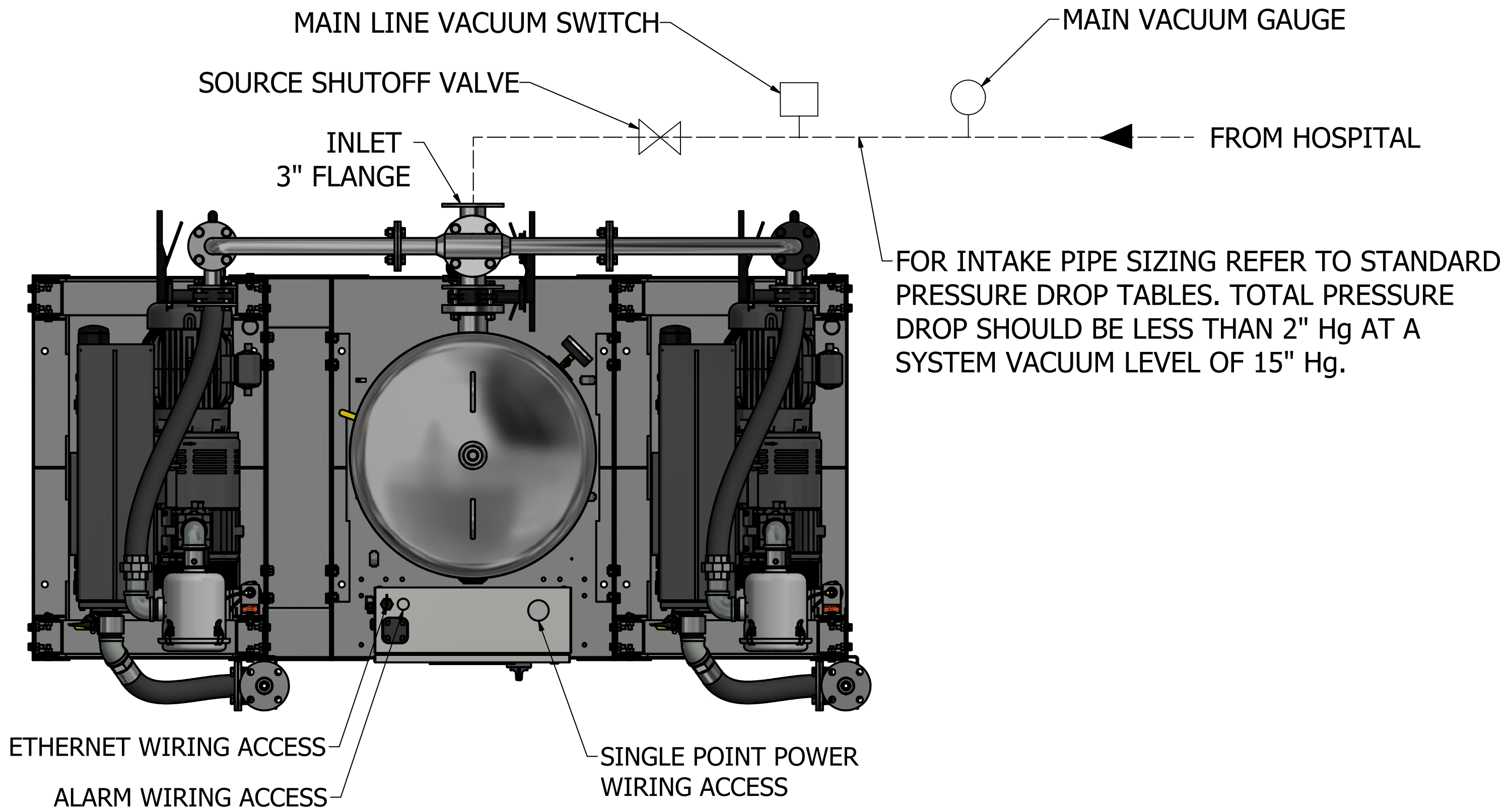
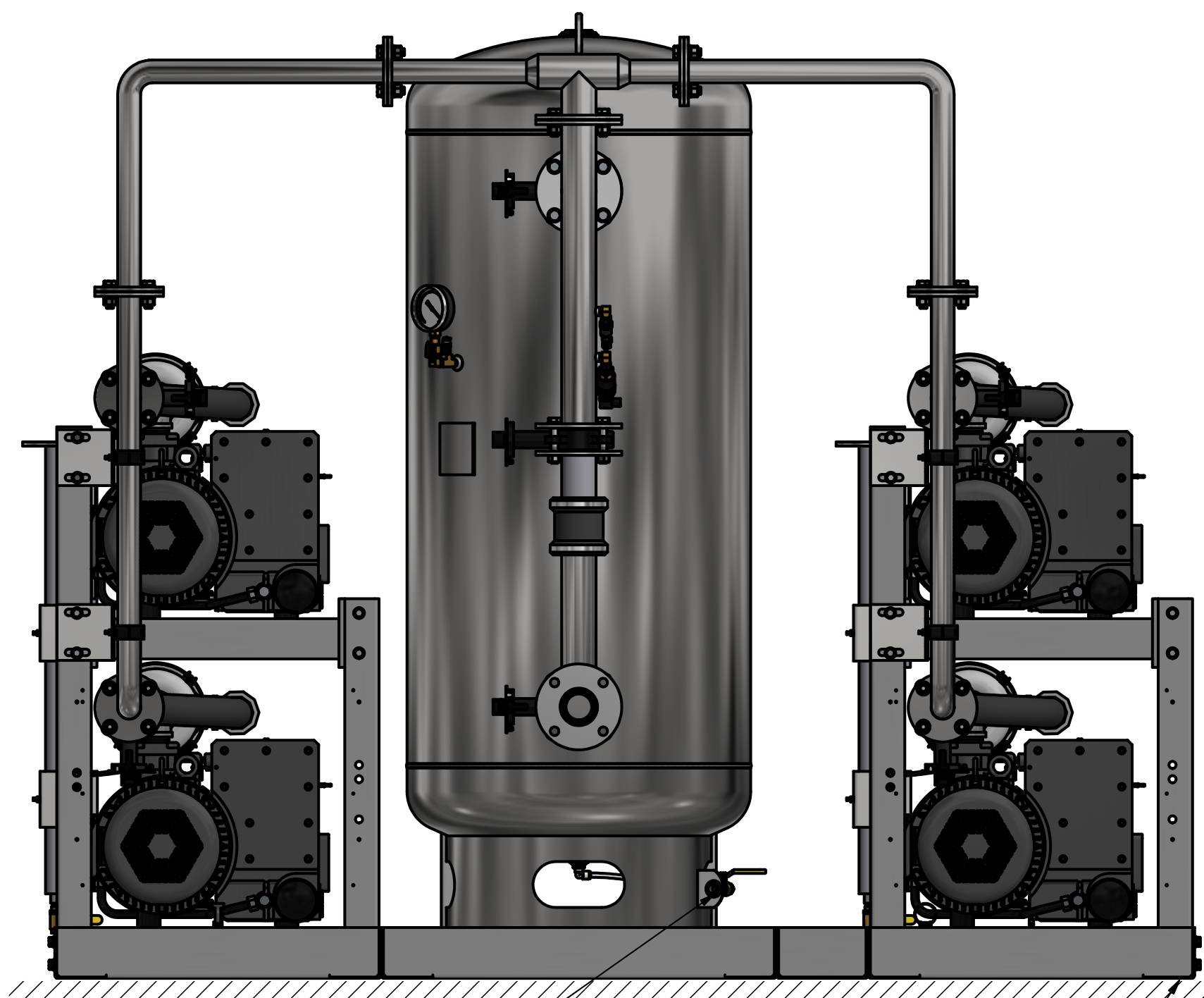


NOTES:

- ALL INTERCONNECTING PIPE AND FITTINGS SHALL BE INSTALLED BY THE CONTRACTOR.
- ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 99. PIPING LAYOUT IS DIAGRAMMATIC ONLY. FINAL ARRANGEMENT WILL BE SITE SPECIFIC. CONTRACTOR WILL BE RESPONSIBLE FOR FIELD VERIFICATION AND COORDINATING ACTUAL LOCATION WITH ALL OTHER TRADES.
- CONTRACTOR SHALL VERIFY MOTOR VOLTAGE, PHASE AND AMP RATINGS BEFORE STARTING ELECTRICAL INSTALLATION; AND MAKE CERTAIN THE VOLTAGE SUPPLIED BY THE HOSPITAL IS THE SAME.
- THE ROOM REQUIRES DEDICATED MECHANICAL VENTILATION WITH AN ALLOWABLE TEMPERATURE VARIANCE OF 40° TO 105°F. (FOR HIGHER AMBIENTS, CONSULT FACTORY)
- ELECTRICAL POWER SHALL BE SUPPLIED FROM THE EQUIPMENT SYSTEM BRANCH OF THE ESSENTIAL ELECTRICAL SYSTEM (EMERGENCY POWER).
- EQUIPMENT, INSTALLATION, AND TESTING OF THE MEDICAL VACUUM SYSTEM SHALL COMPLY WITH NFPA 99, AND ALL STATE AND LOCAL CODES OR ORDINANCES.
- WIRE LAG PUMP RUNNING ALARM REMOTE CONTACTS IN THIS CONTROL SYSTEM TO MASTER ALARM SYSTEM AS REQUIRED BY NFPA 99.
- ALL ACCESSORIES, PIPE AND FITTINGS, EXCEPT DISCHARGE SILENCERS, BEYOND INLET AND DISCHARGE PORTS ARE SUPPLIED AND INSTALLED BY OTHERS.
- WHEN DETERMINING THE TOTAL PIPE LENGTH, ADD ALL THE STRAIGHT LENGTHS OF PIPE TOGETHER IN ADDITION TO THE NUMBER OF ELBOWS TIMES THE EFFECTIVE PIPE LENGTH FOR THAT PIPE SIZE. (SEE EQUIVALENT PIPE LENGTH TABLE & EXAMPLE CALCULATION IN THE O&M MANUAL)

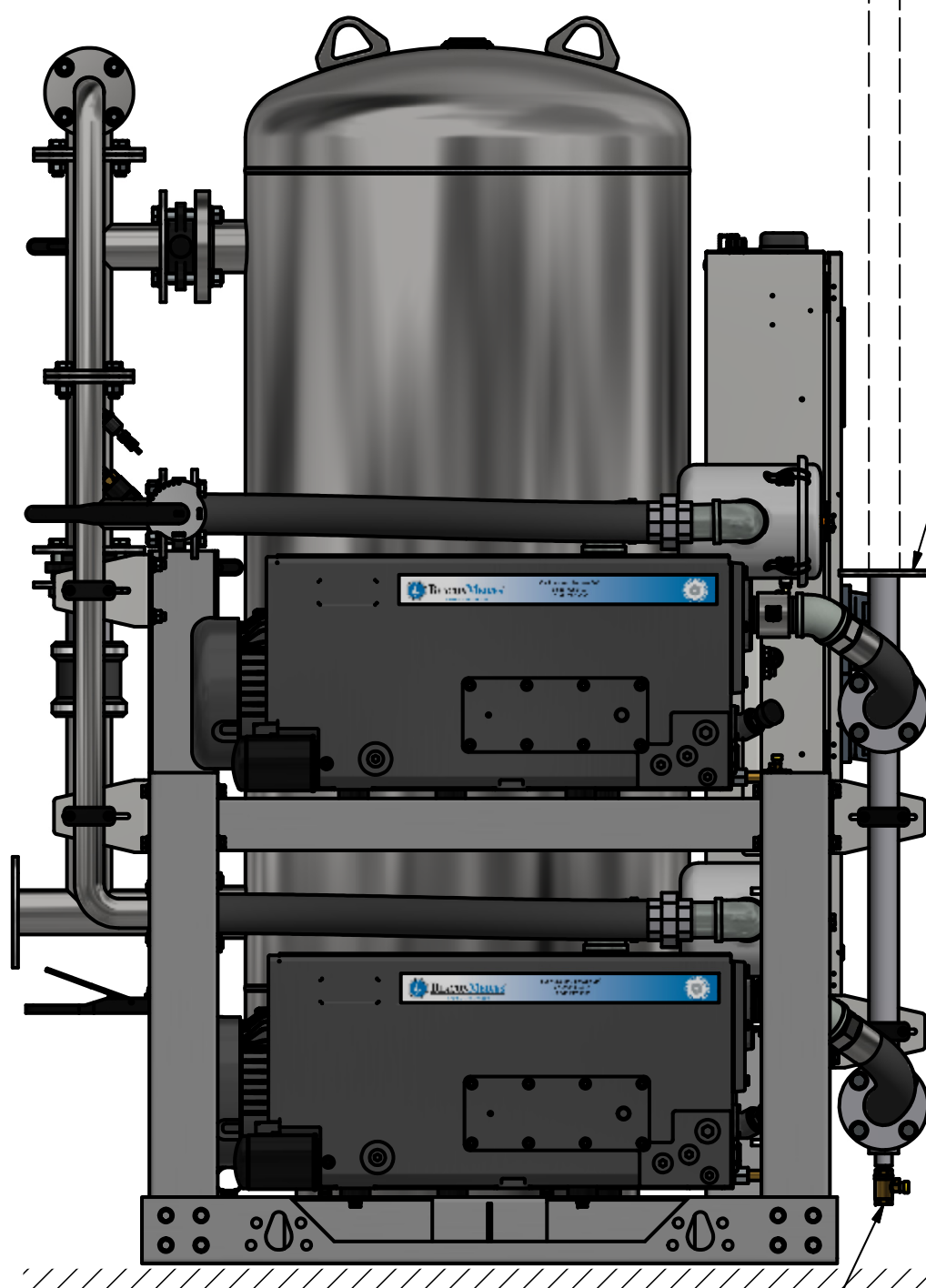


PIPE EXHAUST
OUTSIDE, TURN DOWN
AND SCREEN PER NFPA 99

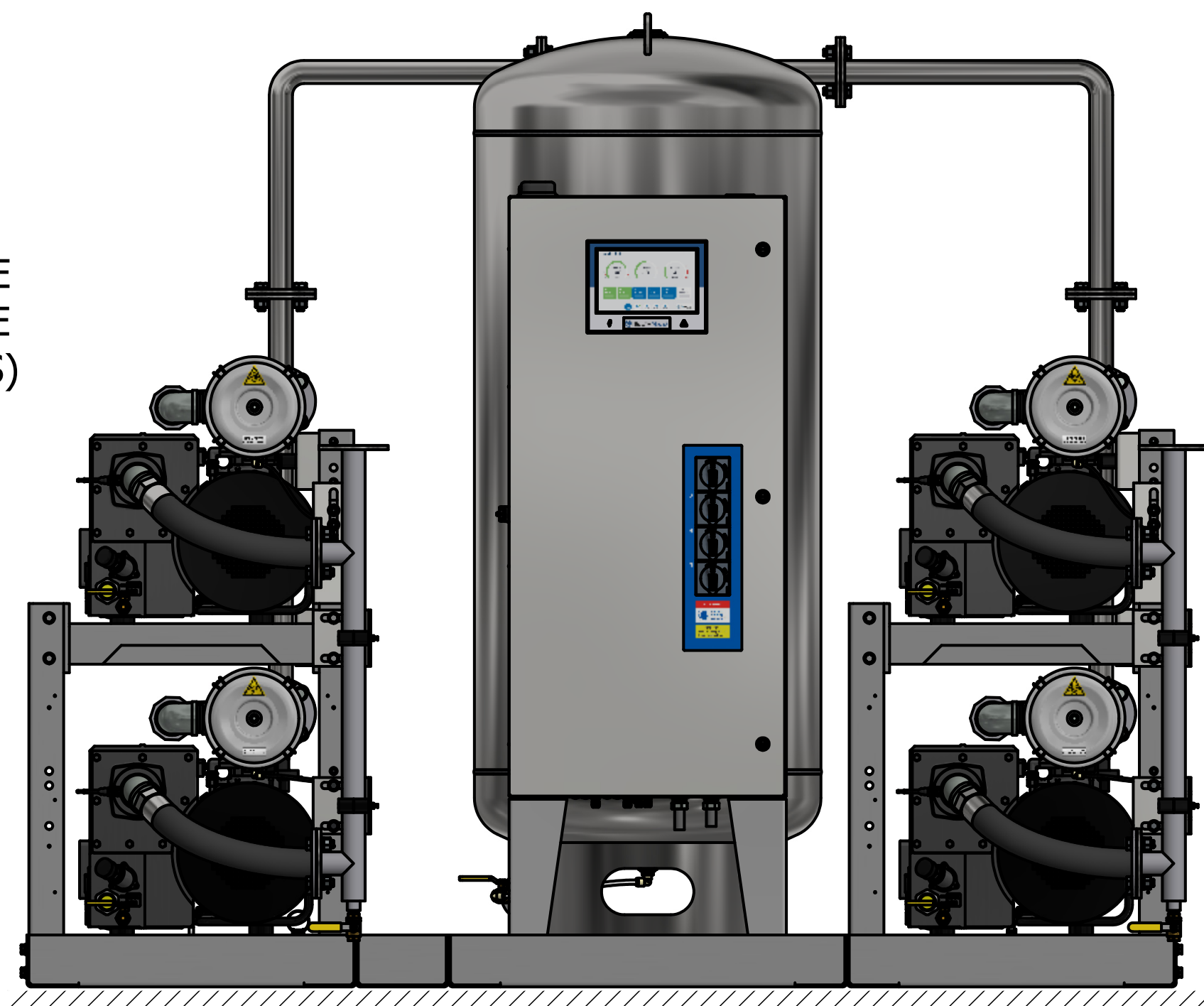


TANK DRAIN CONNECTION

NO VIBRATION PADS ARE
NECESSARY AT THIS LOCATION



DRIP LEG VALVE
(2 PLACES)



NO FOUNDATION OR INERTIA PAD IS REQUIRED
(HOUSEKEEPING PAD IS OPTIONAL)

EFFECTIVE PIPE LENGTH FOR ELBOWS			
PIPE SIZE (IN)	3.00" NPT	4.00" NPT	5.00" NPT
EFF. PIPE LENGTH (FT)	7.9	10	11.9

EXHAUST PIPE SIZE TABLE			
UNIT SIZE	PIPE LENGTH		
QX 5HP	0-150'	151'-500'	
	3.00" NPT	4.00" NPT	
UNIT SIZE	PIPE LENGTH		
QX 7.5HP	0-100'	101'-400'	401'-500'
	3.00" NPT	4.00" NPT	5.00" NPT

----- FIELD PIPING INLET

===== FIELD PIPING OUTLET

(7.5 HP WITH 200 GALLON RECEIVER SHOWN)

Revised: APS	Date: 3/31/2023	Drawn: JEB	Date: 10/27/2010
		Scale: D	
Description: INSTALLATION DIAGRAM QX 5-7.5HP LUBE VAC SPC		Part Number: 4107 8523 21	Rev: 04
Sheet 1 of 1		DN: HOP230842	DO NOT SCALE THIS DOCUMENT