

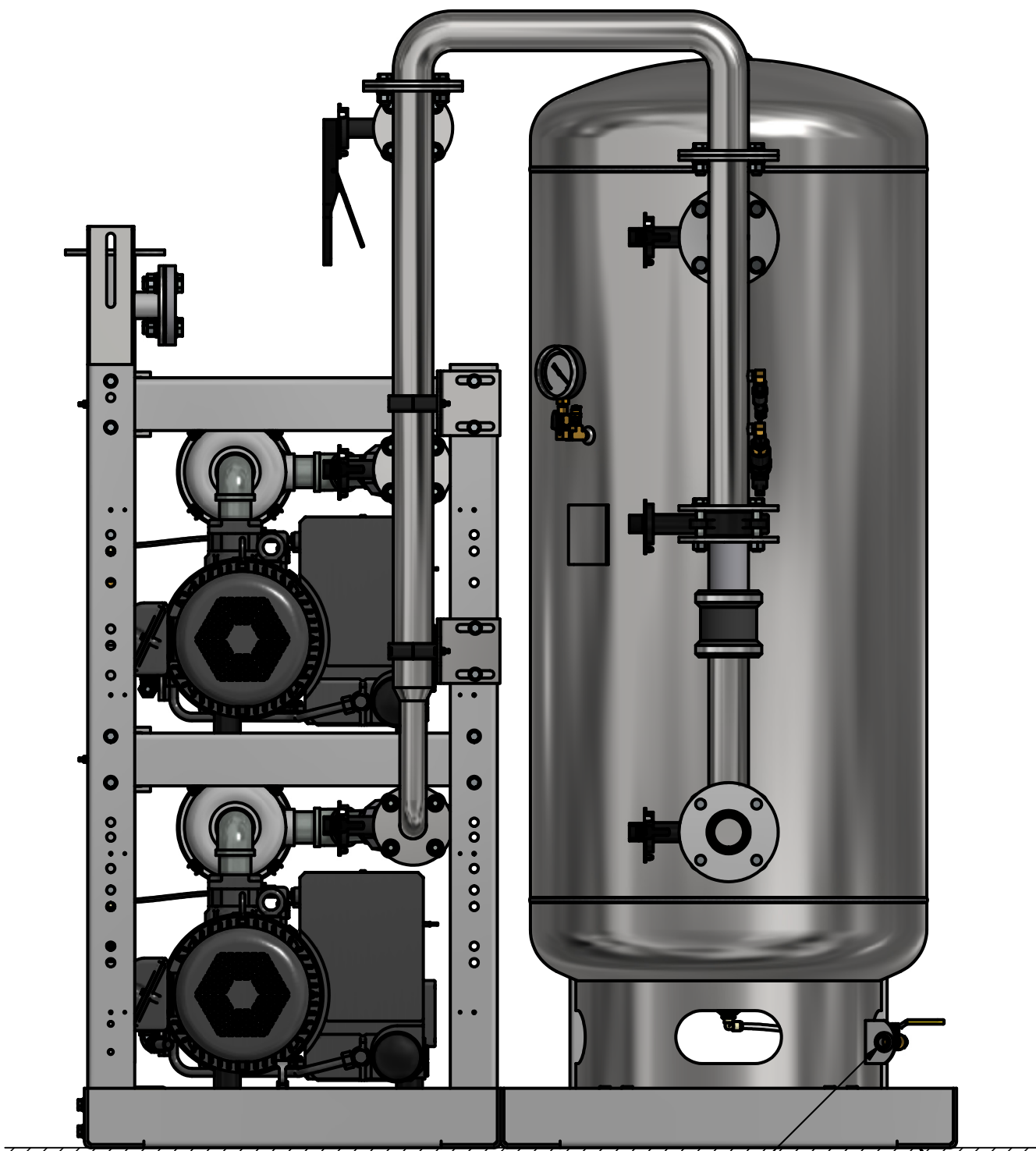
NOTES:

1. ALL INTERCONNECTING PIPE AND FITTINGS SHALL BE INSTALLED BY THE CONTRACTOR.
2. 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.
3. 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.
4. THE ROOM REQUIRES DEDICATED MECHANICAL VENTILATION WITH AN ALLOWABLE TEMPERATURE VARIANCE OF 40° TO 105°F. (FOR HIGHER AMBIENTS, CONSULT FACTORY)
5. ELECTRICAL POWER SHALL BE SUPPLIED FROM THE EQUIPMENT SYSTEM BRANCH OF THE ESSENTIAL ELECTRICAL SYSTEM (EMERGENCY POWER).
6. EQUIPMENT, INSTALLATION, AND TESTING OF THE MEDICAL VACUUM SYSTEM SHALL COMPLY WITH NFPA 99, AND ALL STATE AND LOCAL CODES OR ORDINANCES.
7. WIRE LAG PUMP RUNNING ALARM REMOTE CONTACTS IN THIS CONTROL SYSTEM TO MASTER ALARM SYSTEM AS REQUIRED BY NFPA 99.
8. ALL ACCESSORIES, PIPE AND FITTINGS, BEYOND INLET AND DISCHARGE PORTS ARE SUPPLIED AND INSTALLED BY OTHERS.
9. WHEN DETERMINING THE TOTAL PIPE LENGTH, ADD ALL THE STRAIGHT LENGTHS OF PIPE TOGETHER IN ADDITION TO THE NUMBER OF ELBOWS TIME THE THE EFFECTIVE PIPE LENGTH FOR THAT PIPE SIZE. (SEE EQUIVALENT PIPE LENGTH TABLE & EXAMPLE CALCULATION IN THE O&M MANUAL)

EXHAUST PIPE SIZE TABLE (SEE NOTE 9)		
UNIT SIZE	PIPE LENGTH	
TX 10	0-350'	351'-500'
	4.00" NPT	5.00" NPT

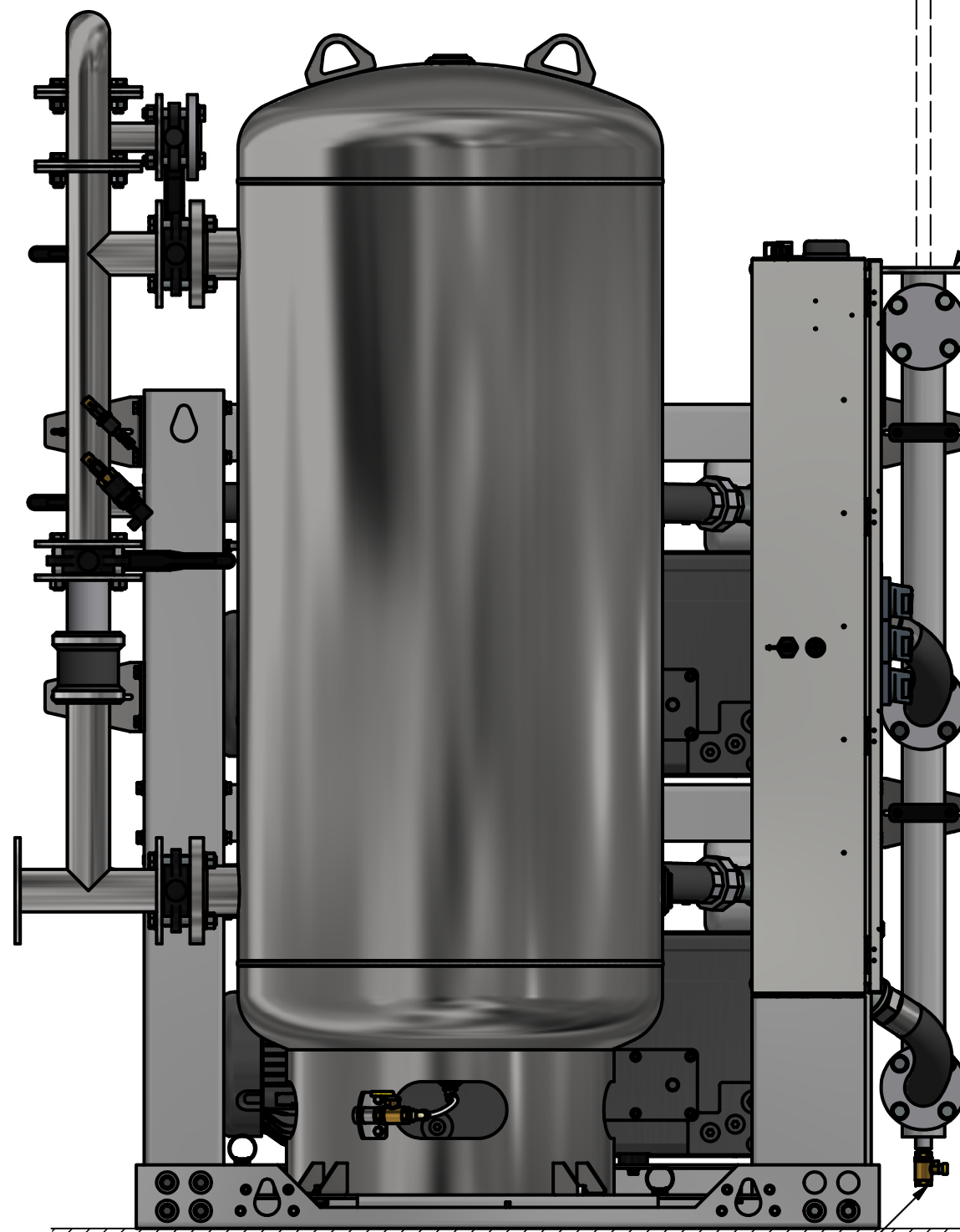
EFFECTIVE PIPE LENGTH FOR ELBOWS		
PIPE SIZE (IN)	4.00" NPT	5.00" NPT
EFF. PIPE LENGTH (FT)	10	11.9

----- FIELD PIPING INLET  
===== FIELD PIPING OUTLET



TANK DRAIN CONNECTION

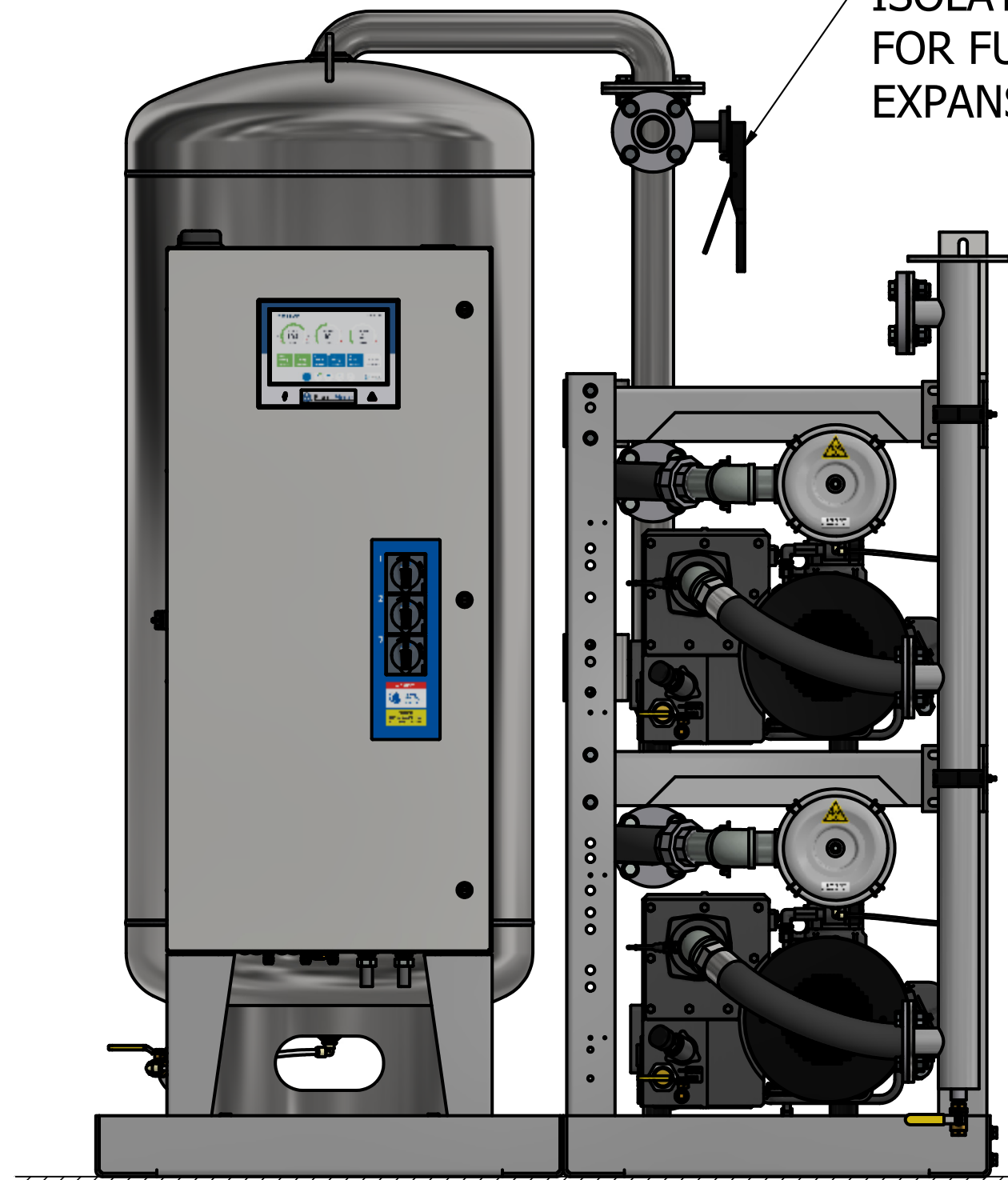
NO VIBRATION PADS ARE NECESSARY AT THIS LOCATION



DRIP LEG VALVE

PIPE EXHAUST  
OUTSIDE, TURN DOWN  
AND SCREEN PER NFPA 99

DISCHARGE  
3" FLANGE



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

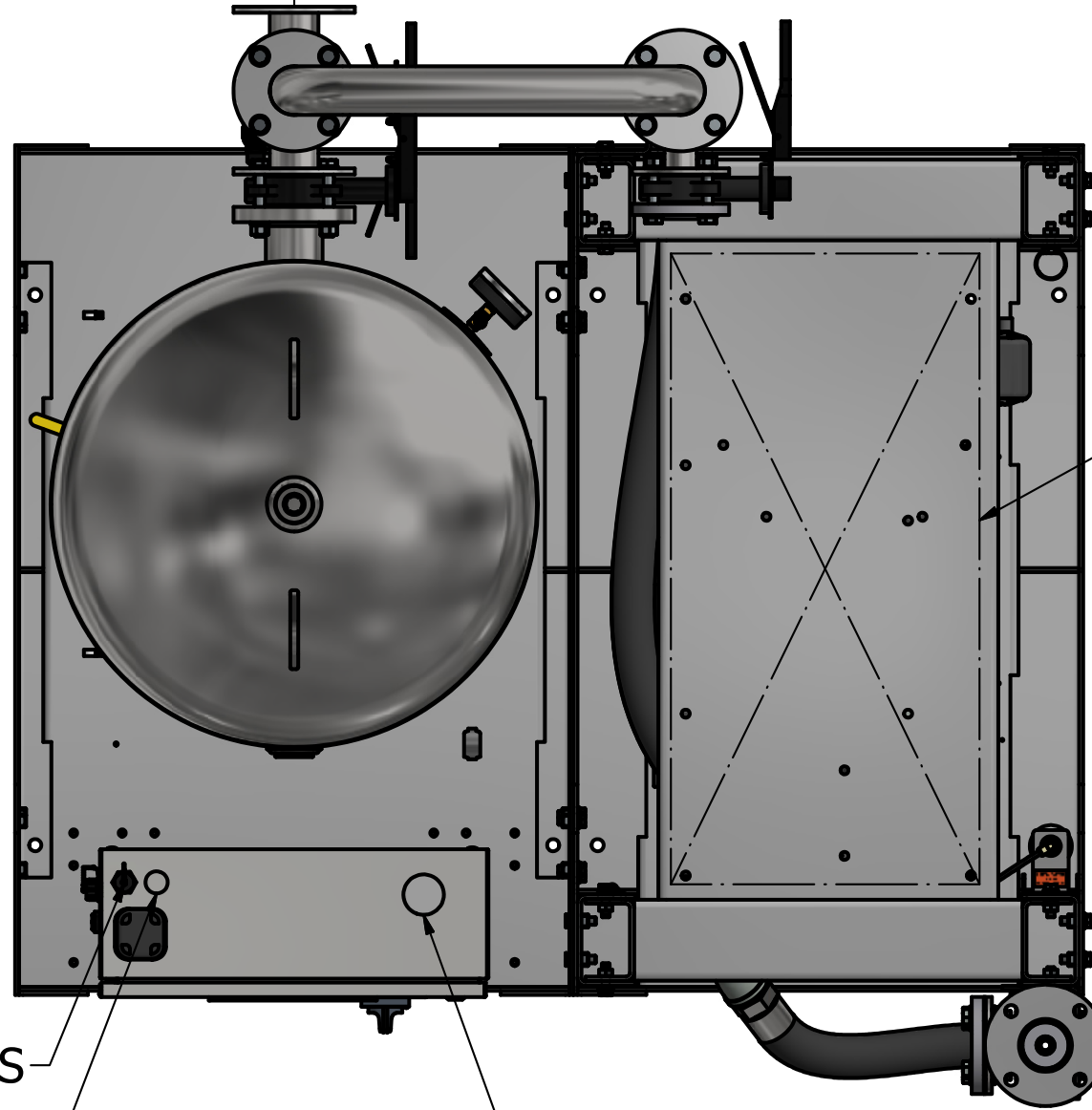
FOR INTAKE PIPE SIZING REFER TO STANDARD  
PRESSURE DROP TABLES. TOTAL PRESSURE  
DROP SHOULD BE LESS THAN 2" Hg AT A  
SYSTEM VACUUM LEVEL OF 15" Hg.

FROM HOSPITAL

MAIN LINE VACUUM SWITCH

MAIN VACUUM GAUGE

SOURCE SHUTOFF VALVE



FUTURE  
EXPANSION  
PUMP

ETHERNET WIRING ACCESS

ALARM WIRING ACCESS

SINGLE POINT POWER  
WIRING ACCESS

ISOLATION VALVE  
FOR FUTURE  
EXPANSION PUMP

Revised: APS	Date: 3/31/2023	Drawn: MDB	Date: 11/5/2010
BEACONMEDICS		Scale: D	
Description: INSTALLATION DIAGRAM 10HP DX-X-TX LUBE VAC SPC		Drawing Number: 4107 8523 29	
Sheet 1 of 1		Rev: 04	
DO NOT SCALE THIS DOCUMENT			

(200 GALLON RECEIVER SHOWN)