

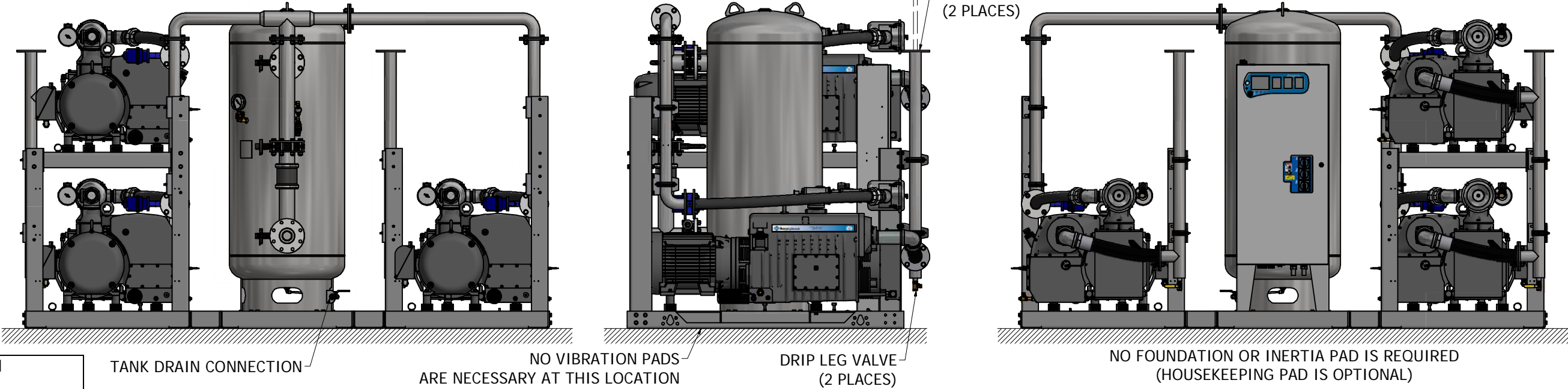
NOTES:

1. ALL INTERCONNECTING PIPE AND FITTINGS SHALL BE INSTALLED BY THE CONTRACTOR.
2. 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 FACILITY 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. ALL ACCESSORIES, PIPE AND FITTINGS, EXCEPT DISCHARGE SILENCERS, BEYOND INLET AND DISCHARGE PORTS ARE SUPPLIED AND INSTALLED BY OTHERS.
6. ALLOW 36 INCHES IN FRONT OF CONTROL PANEL FOR MAINTENANCE AND VENTILATION, ALL OTHER SIDES REQUIRE 24 INCHES OF CLEARANCE.
7. WHEN DETERMINING THE TOTAL PIPE LENGTH, AND 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)

--- FIELD PIPING INLET  
== FIELD PIPING OUTLET

EXHAUST PIPE SIZE TABLE		
UNIT SIZE	PIPE LENGTH	
TX 15	0-150'	151'-500'
	4.00" NPT	5.00" NPT
UNIT SIZE	PIPE LENGTH	
TX 20	0-350'	351'-500'
	5.00" NPT	6.00" NPT
UNIT SIZE	PIPE LENGTH	
TX 25	0-200'	201'-500'
	5.00" NPT	6.00" NPT

EFFECTIVE PIPE LENGTH FOR ELBOWS			
PIPE SIZE (IN)	4.00" NPT	5.00" NPT	6.00" NPT
EFF. PIPE LENGTH (FT)	10	11.9	13.2



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.

MAIN LINE VACUUM SWITCH  
MAIN VACUUM GAUGE  
SOURCE SHUTOFF VALVE

FROM LABORATORY -- INLET 4" FLANGE

ETHERNET WIRING ACCESS  
ALARM WIRING ACCESS  
SINGLE POINT POWER WIRING ACCESS

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

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Description: INSTALLATION DIAGRAM LAB 15-25HP TX LUBE VAC SPC		Drawing Number: 4107 8563 27	
Sheet 1 of 1		Rev: 01	Scale: 1/15