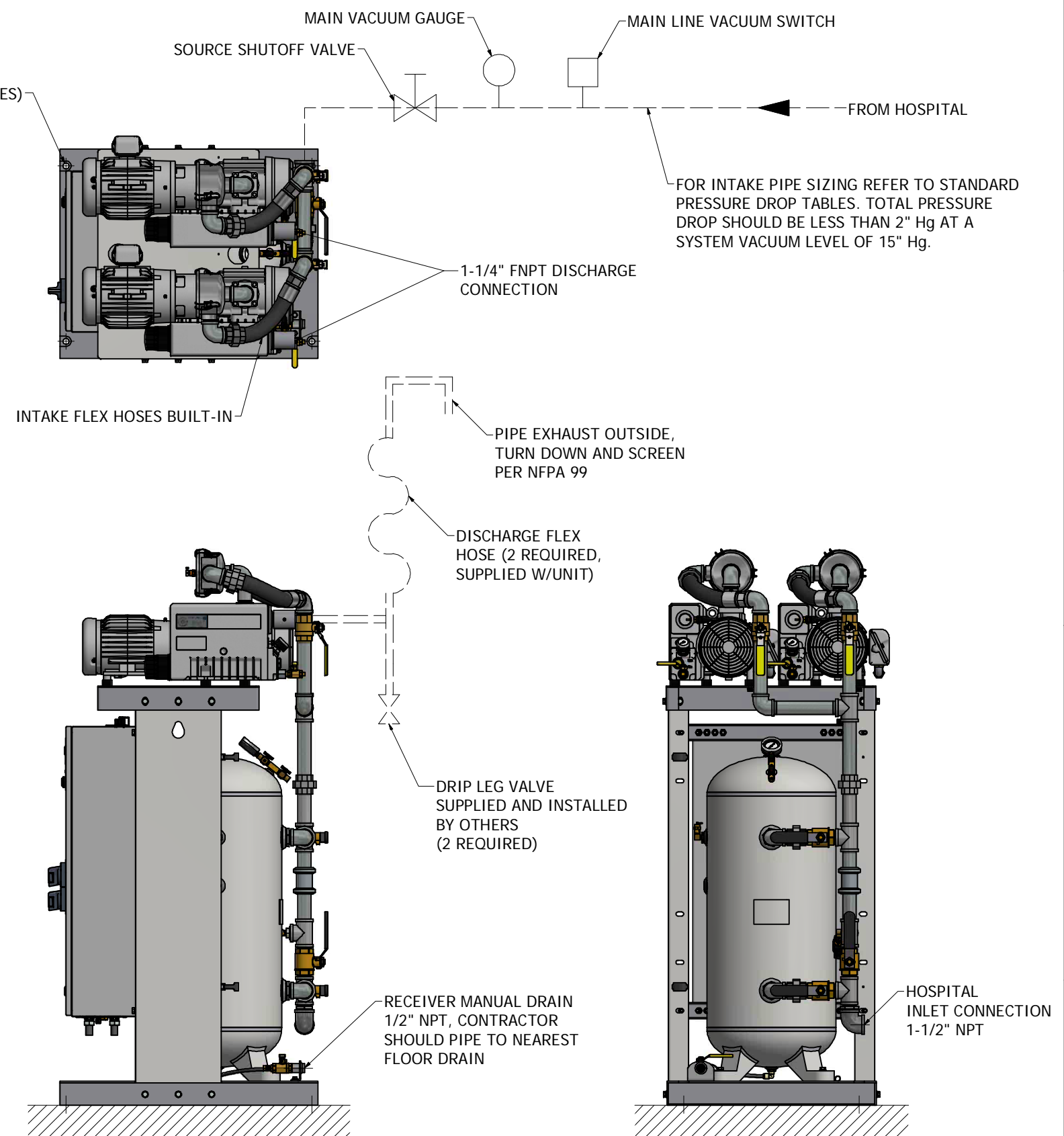
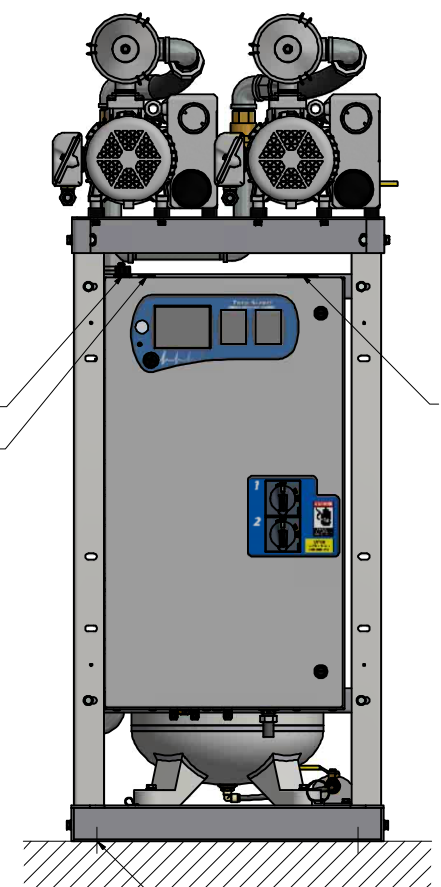


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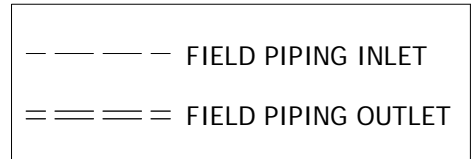
- NOTES:
1. ALL INTERCONNECTING PIPE AND FITTINGS SHALL BE INSTALLED BY THE CONTRACTOR.
 2. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 99, 2002 EDITION. PIPING LAYOUT IS DIAGRAMMATIC ONLY. FINAL ARRANGEMENT WILL BE SITE SPECIFIC. CONTRACTOR WILL BE RESPONSIBLE FOR FIELD VERIFICATION AND COORDINATING 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 SHOULD 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 EXCEPT DISCHARGE FLEX HOSE, 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 EFFECTIVE PIPE LENGTH FOR THAT PIPE SIZE. (SEE EQUIVALENT PIPE LENGTH TABLE & EXAMPLE CALCULATION IN THE O&M MANUAL)



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.



ETHERNET WIRING ACCESS
ALARM WIRING ACCESS
SINGLE POINT POWER WIRING ACCESS



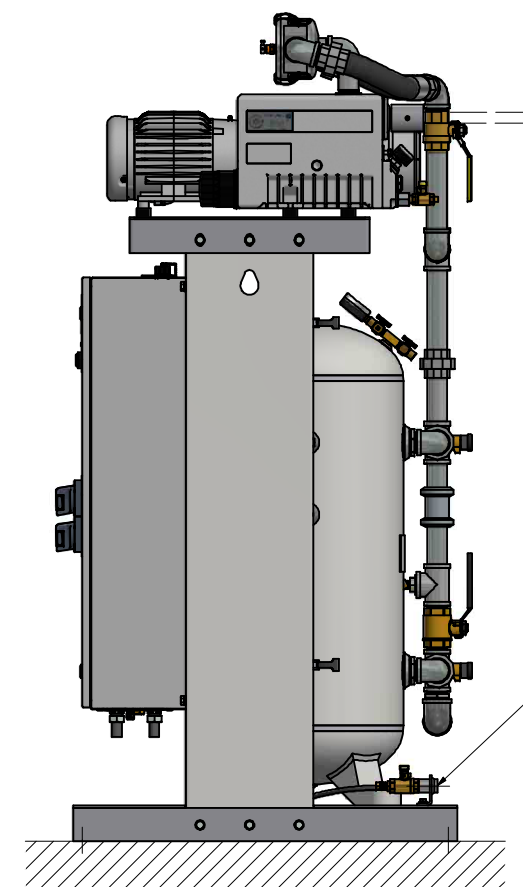
EXHAUST PIPE SIZE TABLE (SEE NOTE 9)

| UNIT SIZE | PIPE LENGTH | |
|------------|-------------|-----------|
| | | 0 - 200' |
| DPX 1.5 HP | 1.25" NPT | 1.50" NPT |

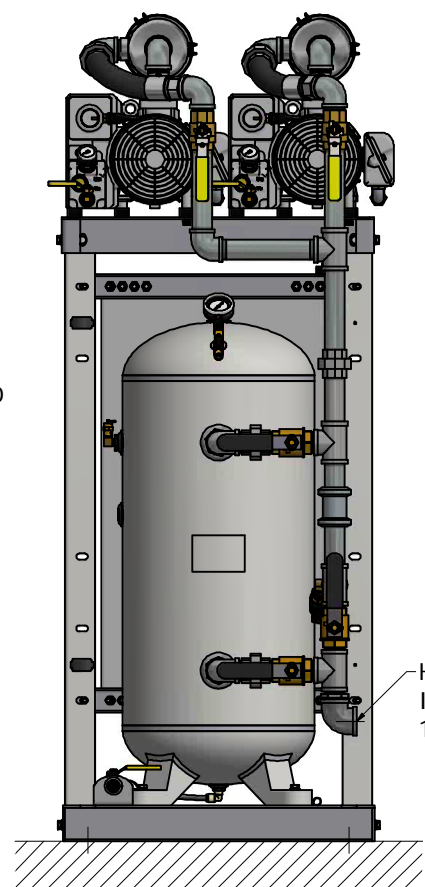
| UNIT SIZE | PIPE LENGTH | |
|-----------|-------------|-----------|
| | | 0' - 200' |
| DPX 2 HP | 1.50" NPT | 2.00" NPT |

EFFECTIVE PIPE LENGTH TABLE FOR ELBOWS

| PIPE SIZE (IN) | 1.25" NPT | 1.5" NPT | 2.0" NPT |
|----------------------------|-----------|----------|----------|
| EFFECTIVE PIPE LENGTH (FT) | 3.4 | 4.0 | 4.9 |



INTAKE FLEX HOSES BUILT-IN
PIPE EXHAUST OUTSIDE, TURN DOWN AND SCREEN PER NFPA 99
DISCHARGE FLEX HOSE (2 REQUIRED, SUPPLIED W/UNIT)
DRIP LEG VALVE SUPPLIED AND INSTALLED BY OTHERS (2 REQUIRED)
RECEIVER MANUAL DRAIN 1/2" NPT, CONTRACTOR SHOULD PIPE TO NEAREST FLOOR DRAIN



HOSPITAL INLET CONNECTION 1-1/2" NPT

NO VIBRATION PADS ARE NECESSARY AT THIS LOCATION

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

(2HP DX, 30G RECEIVER SHOWN)

| | | | |
|---|------------------|---------------------------|----------------------------|
| Revised: MDB | Date: 07/09/2018 | Drawn: JOL | Date: 07/13/2015 |
| UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: XX ±.02 XXX ±.005 | | Scale: 1/8" | |
| Description: INSTALLATION DIAGRAM DX 1.5-2HP LUBE VTM V 30G TAE | | Part Number: 4107 8554 29 | Rev: 02 |
| Sheet 1 of 1 | | DN: BM190345 | DO NOT SCALE THIS DOCUMENT |