1. ALL INTERCONNECTING PIPE AND FITTINGS SHALL BE INSTALLED BY THE CONTRACTOR. MAIN VACUUM GAGE-D 2. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 99. PIPING LAYOUT IS DIAGRAMMATIC ONLY. -MAIN LINE VACUUM SWITCH FINAL ARRANGEMENT WILL BE SITE SPECIFIC. CONTRACTOR WILL BE RESPONSIBLE FOR FIELD VERIFICATION AND COORDINATING ACTUAL LOCATION WITH ALL OTHER TRADES. SOURCE SHUTOFF VALVE-3. CONTRACTOR SHALL VERIFY MOTOR VOLTAGE, PHASE AND AMP RATINGS BEFORE STARTING ELECTRICAL INSTALLATION; DISCHARGE 1 1/4" NPT-AND MAKE CERTAIN THE VOLTAGE SUPPLIED BY THE HOSPITAL IS THE SAME. (2 PLACES) 4. THE ROOM REQUIRES DEDICATED MECHANICAL VENTILATION WITH AN ALLOWABLE TEMPERATURE VARIANCE OF 40° TO - FROM HOSPITAL 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). -FOR INTAKE PIPE SIZING REFER TO STANDARD PRESSURE DROP TABLES. TOTAL PRESSURE 6. EQUIPMENT, INSTALLATION, AND TESTING OF THE MEDICAL VACUUM SYSTEM SHALL COMPLY WITH NFPA 99 DROP SHOULD BE LESS THAN 2" Hg AT A AND ALL STATE AND LOCAL CODES OR ORDINANCES. SYSTEM VACUUM LEVEL OF 15" Hg. 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) -Ø0.75 MTG HOLE (4 PLACES) PIPE EXHAUST OUTSIDE, TURN DOWN SINGLE POINT POWER-AND SCREEN PER WIRING ACCESS NFPA 99 ALARM WIRING-DISCHARGE FLEX HOSE **ACCESS** (2 REQUIRED AND ARE SUPPLIED WITH UNIT) WIRE LAG ALARM REMOTE CONTACTS DRIP LEG VALVE SUPPLIED IN THIS PANEL AND INSTALLED BY TO MASTER ALARM OTHERS (2 REQUIRED) PANEL AS REQUIRED BY NFPA 99 HOSPITAL FIELD PIPING INLET RECEIVER MANUAL DRAIN INLET CONNECTION 1/2" NPT, CONTRACTOR 2" NPT ==== FIELD PIPING OUTLET SHOULD PIPE TO NEAREST FLOOR DRAIN EXHAUST PIPE SIZE TABLE (SEE NOTE 9) PIPE LENGTH **UNIT SIZE** 0' - 300' 301' - 500' DPX 5 HP 2.00" NPT 3.00" NPT NO FOUNDATION OR INERTIA PAD IS REQUIRED NO VIBRATION PADS ARE (HOUSEKEEPING PAD IS OPTIONAL) **NECESSARY AT THIS LOCATION** BEACONMEDÆS EFFECTIVE PIPE LENGTH TABLE FOR ELBOWS 2.0" NPT | 3.0" NPT 4107 8554 19 EFFECTIVE PIPE LENGTH (FT) 4.9 INSTALLATION DIAGRAM DX 5HF HOP150373 DRY VTM V 80G BASIC Sheet 1 of 1